



Cover Page

Order ID : O1232

Project ID : NYCDDC Phase II SCI Arthur Kill Road CEQR

Client : Louis Berger U.S., Inc., A WSP Company

Lab Sample Number

O1232-01
O1232-02
O1232-03
O1232-04
O1232-05
O1232-06
O1232-07
O1232-08
O1232-09
O1232-10

Client Sample Number

B-P-17A
B-P-17B
WC-17
B-P-18A
B-P-18B
B-P-19A
B-P-19B
B-P-35A
B-P-35B
DUP01

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 2/2/2023

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

APPENDIX A**QA REVIEW GENERAL DOCUMENTATION**

Project #: 01232

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓**COVER PAGE:**

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓**CHAIN OF CUSTODY:**

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓**ANALYTICAL:**

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

1st Level QA Review Signature: MAYUR DESAI

Date: 02/02/2023

2nd Level QA Review Signature: _____

Date: _____



284 Sheffield Street, Mountainside, New Jersey - 07092

Phone: (908) 789 8900 Fax: (908) 789 8922

LAB CHRONICLE

OrderID: O1232
Client: Louis Berger U.S., Inc., A WSP Company
Contact: Jonathan Ganz

OrderDate: 1/19/2023 1:44:00 PM
Project: NYCDDC Phase II SCI Arthur Kill Road CEQR
Location: N11,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
O1232-01	B-P-17A	SOIL	SVOC-TCL BNA -20	8270E	01/18/23	01/20/23	01/20/23	01/19/23
O1232-02	B-P-17B	SOIL	SVOC-TCL BNA -20	8270E	01/18/23	01/20/23	01/24/23	01/19/23
O1232-03	WC-17	SOIL	SVOC-PAH SVOC-TCL BNA -20	8270E	01/18/23	01/20/23 01/20/23	01/24/23 01/24/23	01/19/23
O1232-04	B-P-18A	SOIL	SVOC-TCL BNA -20	8270E	01/18/23	01/20/23	01/24/23	01/19/23
O1232-05	B-P-18B	SOIL	SVOC-TCL BNA -20	8270E	01/18/23	01/20/23	01/20/23	01/19/23
O1232-06	B-P-19A	SOIL	SVOC-TCL BNA -20	8270E	01/18/23	01/20/23	01/20/23	01/19/23
O1232-07	B-P-19B	SOIL	SVOC-TCL BNA -20	8270E	01/18/23	01/20/23	01/24/23	01/19/23
O1232-08	B-P-35A	SOIL	SVOC-TCL BNA -20	8270E	01/18/23	01/20/23	01/20/23	01/19/23
O1232-09	B-P-35B	SOIL	SVOC-TCL BNA -20	8270E	01/18/23	01/20/23	01/24/23	01/19/23
O1232-10	DUP01	SOIL	SVOC-TCL BNA -20	8270E	01/18/23	01/20/23	01/20/23	01/19/23



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Hit Summary Sheet
SW-846

SDG No.: O1232

Client: Louis Berger U.S., Inc., A WSP Company

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC-17								
O1232-03	WC-17	SOIL	Benzo(a)anthracene	95.400	J	94.9	190	ug/Kg
O1232-03	WC-17	SOIL	Chrysene	120.000	J	93.5	190	ug/Kg
Total Svoc :				215.40				
Total Concentration:				215.40				

QC SUMMARY



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Surrogate Summary

SW-846

SDG No.: O1232

Client: Louis Berger U.S., Inc., A WSP Company

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
O1232-03	WC-17	Nitrobenzene-d5	100	68.4	68		27	109
		2-Fluorobiphenyl	100	62.4	62		30	103
		Terphenyl-d14	100	65.2	65		21	107
O1233-02MS	B-P34AMS	Nitrobenzene-d5	100	81.4	81		27	109
		2-Fluorobiphenyl	100	65.7	66		30	103
		Terphenyl-d14	100	73.6	74		21	107
O1233-02MSD	B-P34AMSD	Nitrobenzene-d5	100	82.3	82		27	109
		2-Fluorobiphenyl	100	66.1	66		30	103
		Terphenyl-d14	100	74.4	74		21	107
PB150378BL	PB150378BL	Nitrobenzene-d5	100	78.9	79		27	109
		2-Fluorobiphenyl	100	67.6	68		30	103
		Terphenyl-d14	100	70.3	70		21	107
PB150378BS	PB150378BS	Nitrobenzene-d5	100	90.3	90		27	109
		2-Fluorobiphenyl	100	85.2	85		30	103
		Terphenyl-d14	100	103	103		21	107



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Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: O1232

Client: Louis Berger U.S., Inc., A WSP Company

Analytical Method: SW8270E

		Sample				Rec	RPD		Limits		
Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	O1233-02MS	Client Sample ID:		B-P34AMS		DataFile:		BF132171.D			
Naphthalene	2000	0	1600	ug/Kg	80				72	110	
Acenaphthylene	2000	0	1600	ug/Kg	80				79	118	
Acenaphthene	2000	0	1800	ug/Kg	90				70	121	
Fluorene	2000	0	1600	ug/Kg	80				68	116	
Phenanthrene	2000	0	1500	ug/Kg	75				72	113	
Anthracene	2000	0	1500	ug/Kg	75				62	124	
Fluoranthene	2000	0	1700	ug/Kg	85				59	125	
Pyrene	2000	0	1600	ug/Kg	80				52	128	
Benzo(a)anthracene	2000	0	1700	ug/Kg	85				71	114	
Chrysene	2000	0	1600	ug/Kg	80				57	121	
Benzo(b)fluoranthene	2000	0	1800	ug/Kg	90				67	121	
Benzo(k)fluoranthene	2000	0	1700	ug/Kg	85				74	114	
Benzo(a)pyrene	2000	0	1600	ug/Kg	80				70	142	
Indeno(1,2,3-cd)pyrene	2000	0	1500	ug/Kg	75				61	125	
Dibenz(a,h)anthracene	2000	0	1700	ug/Kg	85				67	130	
Benzo(g,h,i)perylene	2000	0	1500	ug/Kg	75				53	140	



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Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: O1232

Client: Louis Berger U.S., Inc., A WSP Company

Analytical Method: SW8270E

Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
		Result	Result			Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	O1233-02MSD	Client Sample ID:	B-P34AMSD					DataFile:	BF132172.D		
Naphthalene	1900	0	1600	ug/Kg	84		5		72	110	20
Acenaphthylene	1900	0	1600	ug/Kg	84		5		79	118	20
Acenaphthene	1900	0	1800	ug/Kg	95		5		70	121	20
Fluorene	1900	0	1600	ug/Kg	84		5		68	116	20
Phenanthrene	1900	0	1500	ug/Kg	79		5		72	113	20
Anthracene	1900	0	1500	ug/Kg	79		5		62	124	20
Fluoranthene	1900	0	1700	ug/Kg	89		5		59	125	20
Pyrene	1900	0	1600	ug/Kg	84		5		52	128	20
Benzo(a)anthracene	1900	0	1600	ug/Kg	84		1		71	114	20
Chrysene	1900	0	1600	ug/Kg	84		5		57	121	20
Benzo(b)fluoranthene	1900	0	1800	ug/Kg	95		5		67	121	20
Benzo(k)fluoranthene	1900	0	1700	ug/Kg	89		5		74	114	20
Benzo(a)pyrene	1900	0	1600	ug/Kg	84		5		70	142	20
Indeno(1,2,3-cd)pyrene	1900	0	1500	ug/Kg	79		5		61	125	20
Dibenz(a,h)anthracene	1900	0	1600	ug/Kg	84		1		67	130	20
Benzo(g,h,i)perylene	1900	0	1500	ug/Kg	79		5		53	140	20



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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: O1232

Client: Louis Berger U.S., Inc., A WSP Company

Analytical Method: 8270E DataFile: BP013684.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB150378BS	Naphthalene	1700	1400	ug/Kg	82				62	100	
	Acenaphthylene	1700	1400	ug/Kg	82				63	101	
	Acenaphthene	1700	1600	ug/Kg	94				57	104	
	Fluorene	1700	1400	ug/Kg	82				61	101	
	Phenanthrene	1700	1400	ug/Kg	82				59	103	
	Anthracene	1700	1400	ug/Kg	82				61	105	
	Fluoranthene	1700	1400	ug/Kg	82				57	107	
	Pyrene	1700	1600	ug/Kg	94				59	103	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102	
	Chrysene	1700	1400	ug/Kg	82				59	101	
	Benzo(b)fluoranthene	1700	1700	ug/Kg	100				62	109	
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(a)pyrene	1700	1400	ug/Kg	82				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1300	ug/Kg	76				63	101	
	Dibenz(a,h)anthracene	1700	1300	ug/Kg	76				61	112	
	Benzo(g,h,i)perylene	1700	1200	ug/Kg	71				57	116	



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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB150378BL

Lab Name: CHEMTECH

Contract: loui01

Lab Code: CHEM Case No.: O1232

SAS No.: O1232 SDG NO.: O1232

Lab File ID: BP013572.D

Lab Sample ID: PB150378BL

Instrument ID: BNA_P

Date Extracted: 01/20/2023

Matrix: (soil/water) SOIL

Date Analyzed: 01/24/2023

Level: (low/med) LOW

Time Analyzed: 15:50

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
WC-17	O1232-03	BP013584.D	01/24/2023
PB150378BS	PB150378BS	BP013684.D	01/31/2023
B-P34AMS	O1233-02MS	BF132171.D	01/20/2023
B-P34AMSD	O1233-02MSD	BF132172.D	01/20/2023

COMMENTS: _____



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: loui01Lab Code: CHEMSAS No.: 01232 SDG NO.: 01232Lab File ID: BF132139.DDFTPP Injection Date: 01/19/2023Instrument ID: BNA_FDFTPP Injection Time: 10:46

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	40.6
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	37.4
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	48.4
197	Less than 2.0% of mass 198	0.7
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	28.2
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	12.5
442	Greater than 50% of mass 198	100.0
443	15.0 - 24.0% of mass 442	16 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF132140.D	01/19/2023	11:21
SSTDICC005	SSTDICC005	BF132141.D	01/19/2023	11:53
SSTDICC010	SSTDICC010	BF132142.D	01/19/2023	12:26
SSTDICC020	SSTDICC020	BF132143.D	01/19/2023	12:59
SSTDICCC040	SSTDICCC040	BF132144.D	01/19/2023	13:32
SSTDICC050	SSTDICC050	BF132145.D	01/19/2023	14:05
SSTDICC060	SSTDICC060	BF132146.D	01/19/2023	14:38
SSTDICC080	SSTDICC080	BF132147.D	01/19/2023	15:11



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: loui01Lab Code: CHEMSAS No.: O1232 SDG NO.: O1232Lab File ID: BF132163.DDFTPP Injection Date: 01/20/2023Instrument ID: BNA_FDFTPP Injection Time: 16:08

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	38.5
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	36
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	46.9
197	Less than 2.0% of mass 198	0.7
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	28.3
365	Greater than 1% of mass 198	4.3
441	Present, but less than mass 443	13.9
442	Greater than 50% of mass 198	100.0
443	15.0 - 24.0% of mass 442	17.6 (19.7) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF132164.D	01/20/2023	16:40
B-P34AMS	O1233-02MS	BF132171.D	01/20/2023	20:35
B-P34AMSD	O1233-02MSD	BF132172.D	01/20/2023	21:08



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: loui01Lab Code: CHEMSAS No.: 01232 SDG NO.: 01232Lab File ID: BP013544.DDFTPP Injection Date: 01/23/2023Instrument ID: BNA_PDFTPP Injection Time: 10:51

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	38.4
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	34.2
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	47.0
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	26.6
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	15.2
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.9 (19.9) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BP013545.D	01/23/2023	11:25
SSTDICC005	SSTDICC005	BP013546.D	01/23/2023	12:00
SSTDICC010	SSTDICC010	BP013547.D	01/23/2023	12:34
SSTDICC020	SSTDICC020	BP013548.D	01/23/2023	13:08
SSTDICCC040	SSTDICCC040	BP013549.D	01/23/2023	13:42
SSTDICC050	SSTDICC050	BP013550.D	01/23/2023	14:17
SSTDICC060	SSTDICC060	BP013551.D	01/23/2023	14:51
SSTDICC080	SSTDICC080	BP013552.D	01/23/2023	16:01



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SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: loui01Lab Code: CHEMSAS No.: O1232 SDG NO.: O1232Lab File ID: BP013570.DDFTPP Injection Date: 01/24/2023Instrument ID: BNA_PDFTPP Injection Time: 14:38

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.9
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	32.2
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	46.1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	26.4
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	15.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.5 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP013571.D	01/24/2023	15:13
PB150378BL	PB150378BL	BP013572.D	01/24/2023	15:50
WC-17	O1232-03	BP013584.D	01/24/2023	22:44



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: loui01Lab Code: CHEMSAS No.: 01232SDG NO.: 01232Lab File ID: BP013668.DDFTPP Injection Date: 01/31/2023Instrument ID: BNA_PDFTPP Injection Time: 10:47

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	26.0
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	29.4
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	37.3
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	29.7
365	Greater than 1% of mass 198	4.0
441	Present, but less than mass 443	16.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.5 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BP013669.D	01/31/2023	11:21
SSTDICC005	SSTDICC005	BP013670.D	01/31/2023	11:55
SSTDICC010	SSTDICC010	BP013671.D	01/31/2023	12:30
SSTDICC020	SSTDICC020	BP013672.D	01/31/2023	13:04
SSTDICCC040	SSTDICCC040	BP013673.D	01/31/2023	13:38
SSTDICC050	SSTDICC050	BP013674.D	01/31/2023	14:12
SSTDICC060	SSTDICC060	BP013675.D	01/31/2023	14:47
SSTDICC080	SSTDICC080	BP013676.D	01/31/2023	15:56
PB150378BS	PB150378BS	BP013684.D	01/31/2023	21:04



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: O1232 SAS No.: O1232 SDG NO.: O1232

EPA Sample No.: SSTDCCC040 Date Analyzed: 01/20/2023

Lab File ID: BF132164.D Time Analyzed: 16:40

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	175584	7.09	590884	8.38	314145	10.14
UPPER LIMIT	351168	7.59	1181770	8.878	628290	10.642
LOWER LIMIT	87792	6.59	295442	7.878	157073	9.642
EPA SAMPLE NO.						
01 B-P34AMS	184212	7.09	674454	8.38	369043	10.14
02 B-P34AMSD	185010	7.09	669898	8.38	363370	10.14

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.



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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: O1232 SAS No.: O1232 SDG NO.: O1232

EPA Sample No.: SSTDCCC040 Date Analyzed: 01/20/2023

Lab File ID: BF132164.D Time Analyzed: 16:40

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	631542	11.642	364265	14.307	316916	15.901
UPPER LIMIT	1263080	12.142	728530	14.807	633832	16.401
LOWER LIMIT	315771	11.142	182133	13.807	158458	15.401
EPA SAMPLE NO.						
01 B-P34AMS	748390	11.64	455426	14.31	405760	15.90
02 B-P34AMSD	736982	11.64	439968	14.31	406965	15.90

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: O1232 SAS No.: O1232 SDG NO.: O1232

EPA Sample No.: SSTDCCC040 Date Analyzed: 01/24/2023

Lab File ID: BP013571.D Time Analyzed: 15:13

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	306718	8.163	1319960	10.99	845480	14.80
UPPER LIMIT	613436	8.663	2639920	11.493	1690960	15.298
LOWER LIMIT	153359	7.663	659980	10.493	422740	14.298
EPA SAMPLE NO.						
01 WC-17	385930	8.16	1523350	10.99	828227	14.79
02 PB150378BL	291029	8.16	1295640	10.99	837908	14.80

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.



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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: O1232 SAS No.: O1232 SDG NO.: O1232

EPA Sample No.: SSTDCCC040 Date Analyzed: 01/24/2023

Lab File ID: BP013571.D Time Analyzed: 15:13

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1830850	17.551	1775330	21.627	1903850	24.215
UPPER LIMIT	3661700	18.051	3550660	22.127	3807700	24.715
LOWER LIMIT	915425	17.051	887665	21.127	951925	23.715
EPA SAMPLE NO.						
01 WC-17	1519830	17.55	1004640	21.62	1335170	24.20
02 PB150378BL	1910080	17.55	1883140	21.63	2131870	24.22

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH
Lab Code: CHEM Case No.: O1232 SAS No.: O1232 SDG NO.: O1232
EPA Sample No.: SSTDICCC040 Date Analyzed: 01/31/2023
Lab File ID: BP013673.D Time Analyzed: 13:38
Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	222064	8.14	832306	10.97	549003	14.78
UPPER LIMIT	444128	8.64	1664610	11.469	1098010	15.281
LOWER LIMIT	111032	7.64	416153	10.469	274502	14.281
EPA SAMPLE NO.						
01 PB150378BS	297815	8.14	1192600	10.97	801024	14.78

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.



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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: O1232 SAS No.: O1232 SDG NO.: O1232

EPA Sample No.: SSTDICCC040 Date Analyzed: 01/31/2023

Lab File ID: BP013673.D Time Analyzed: 13:38

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1258360	17.533	1280890	21.61	1494510	24.186
UPPER LIMIT	2516720	18.033	2561780	22.11	2989020	24.686
LOWER LIMIT	629180	17.033	640445	21.11	747255	23.686
EPA SAMPLE NO.						
01 PB150378BS	1851080	17.53	1639740	21.61	1453640	24.18

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

SAMPLE DATA



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Report of Analysis

Client:	Louis Berger U.S., Inc., A WSP Company	Date Collected:	01/18/23
Project:	NYCDDC Phase II SCI Arthur Kill Road CEQR	Date Received:	01/19/23
Client Sample ID:	WC-17	SDG No.:	O1232
Lab Sample ID:	O1232-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	91.4
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP013584.D	1	01/20/23 12:30	01/24/23 22:44	PB150378

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	80.8	U	80.8	190	ug/Kg
208-96-8	Acenaphthylene	75.1	U	75.1	190	ug/Kg
83-32-9	Acenaphthene	86.2	U	86.2	190	ug/Kg
86-73-7	Fluorene	86.1	U	86.1	190	ug/Kg
85-01-8	Phenanthrene	91.4	U	91.4	190	ug/Kg
120-12-7	Anthracene	91.8	U	91.8	190	ug/Kg
206-44-0	Fluoranthene	87.2	U	87.2	190	ug/Kg
129-00-0	Pyrene	81.1	U	81.1	190	ug/Kg
56-55-3	Benzo(a)anthracene	95.4	J	94.9	190	ug/Kg
218-01-9	Chrysene	120	J	93.5	190	ug/Kg
205-99-2	Benzo(b)fluoranthene	75.4	U	75.4	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	80.4	U	80.4	190	ug/Kg
50-32-8	Benzo(a)pyrene	74.0	U	74.0	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	U	110	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	190	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	68.4		27 - 109	68%	SPK: 100
321-60-8	2-Fluorobiphenyl	62.4		30 - 103	62%	SPK: 100
1718-51-0	Terphenyl-d14	65.2		21 - 107	65%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	386000	8.158			
1146-65-2	Naphthalene-d8	1520000	10.987			
15067-26-2	Acenaphthene-d10	828000	14.793			
1517-22-2	Phenanthrene-d10	1520000	17.545			
1719-03-5	Chrysene-d12	1000000	21.616			
1520-96-3	Perylene-d12	1340000	24.204			



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Report of Analysis

Client:	Louis Berger U.S., Inc., A WSP Company	Date Collected:	01/18/23
Project:	NYCDDC Phase II SCI Arthur Kill Road CEQR	Date Received:	01/19/23
Client Sample ID:	WC-17	SDG No.:	O1232
Lab Sample ID:	O1232-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	91.4
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP013584.D	1	01/20/23 12:30	01/24/23 22:44	PB150378

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	------------	-------

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012423\
Data File : BP013584.D
Acq On : 24 Jan 2023 22:44
Operator : CG/JU
Sample : 01232-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-17

Quant Time: Jan 25 03:53:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 25 03:43:27 2023
Response via : Initial Calibration

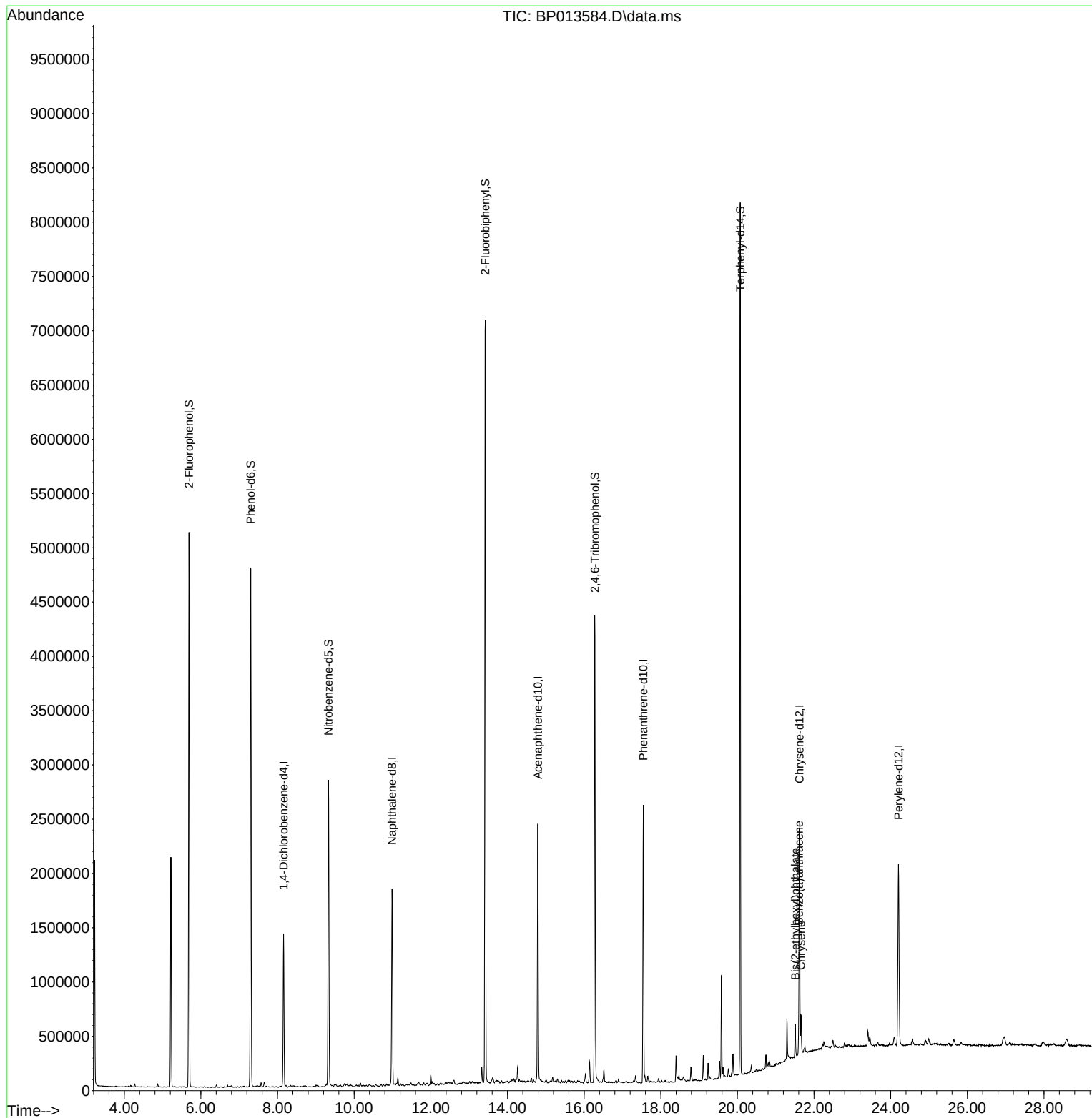
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.158	152	385930	20.000	ng	0.00
21) Naphthalene-d8	10.987	136	1523349	20.000	ng	0.00
39) Acenaphthene-d10	14.793	164	828227	20.000	ng	0.00
64) Phenanthrene-d10	17.545	188	1519829	20.000	ng	0.00
76) Chrysene-d12	21.616	240	1004639	20.000	ng	-0.01
86) Perylene-d12	24.204	264	1335170	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	2258907	100.285	ng	0.00
7) Phenol-d6	7.299	99	2870191	94.677	ng	0.00
23) Nitrobenzene-d5	9.328	82	1578951	68.426	ng	0.00
42) 2,4,6-Tribromophenol	16.281	330	863513	103.944	ng	0.00
45) 2-Fluorobiphenyl	13.422	172	3764685	62.394	ng	0.00
79) Terphenyl-d14	20.075	244	3639080	65.165	ng	0.00
Target Compounds						Qvalue
81) Benzo(a)anthracene	21.604	228	183252	2.618	ng	99
83) Chrysene	21.657	228	219895	3.285	ng	99
84) Bis(2-ethylhexyl)phtha...	21.510	149	113817	2.908	ng	99

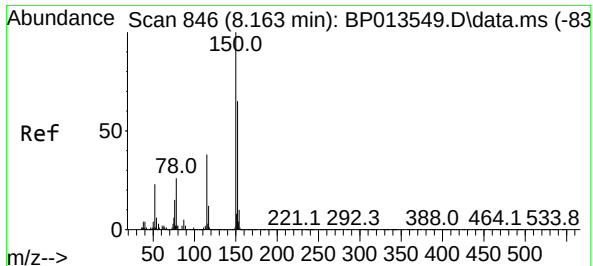
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012423\
Data File : BP013584.D
Acq On : 24 Jan 2023 22:44
Operator : CG/JU
Sample : 01232-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-17

Quant Time: Jan 25 03:53:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 25 03:43:27 2023
Response via : Initial Calibration

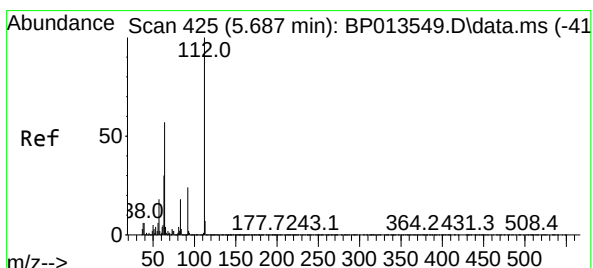
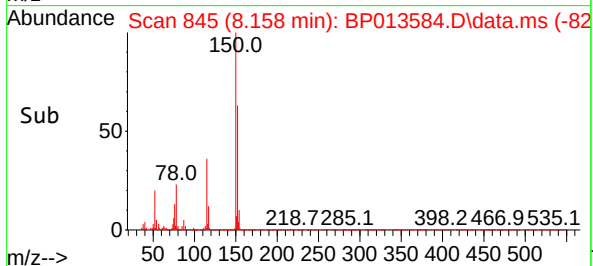
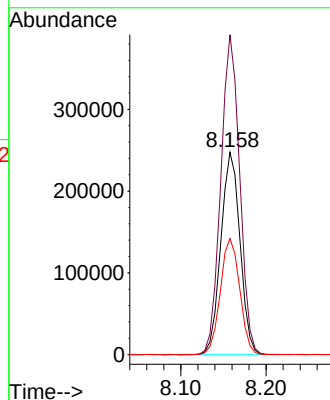
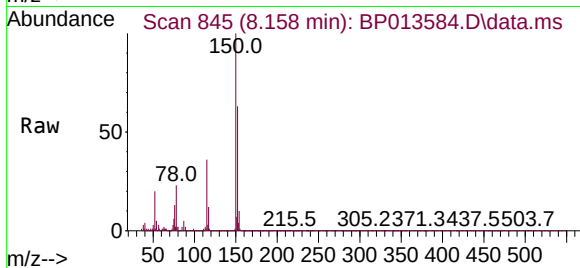




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.158 min Scan# 846
Delta R.T. -0.006 min
Lab File: BP013584.D
Acq: 24 Jan 2023 22:44

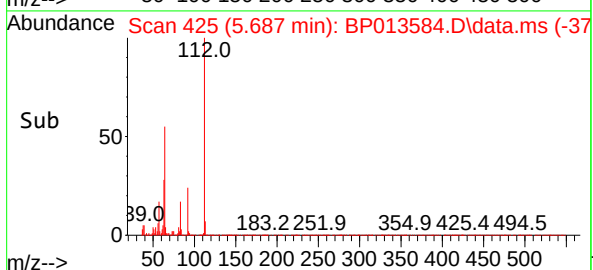
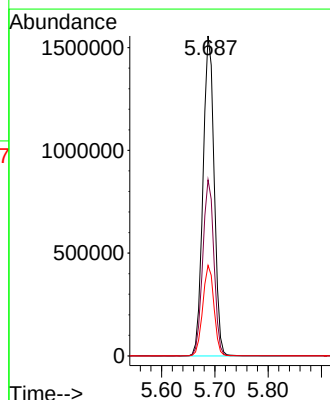
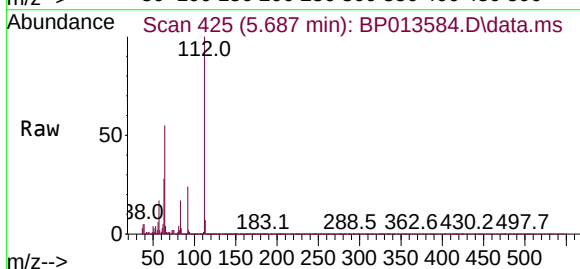
Instrument :
BNA_P
ClientSampleId :
WC-17

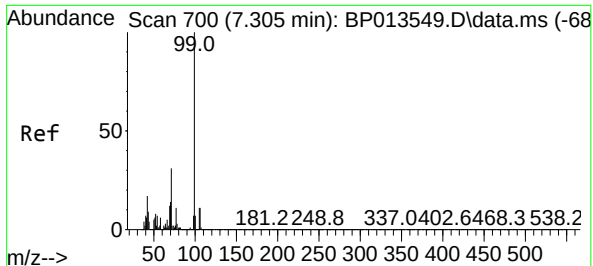
Tgt Ion:152 Resp: 385930
Ion Ratio Lower Upper
152 100
150 158.2 122.4 183.6
115 57.4 46.1 69.1



#5
2-Fluorophenol
Concen: 100.285 ng
RT: 5.687 min Scan# 425
Delta R.T. -0.000 min
Lab File: BP013584.D
Acq: 24 Jan 2023 22:44

Tgt Ion:112 Resp: 2258907
Ion Ratio Lower Upper
112 100
64 55.0 45.4 68.0
63 28.3 24.1 36.1

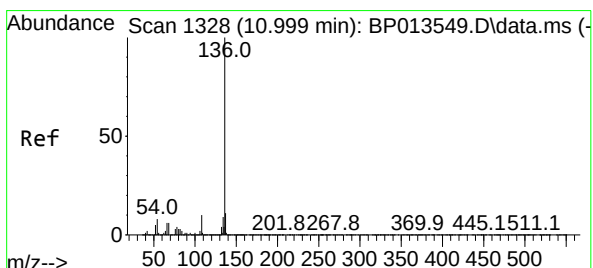
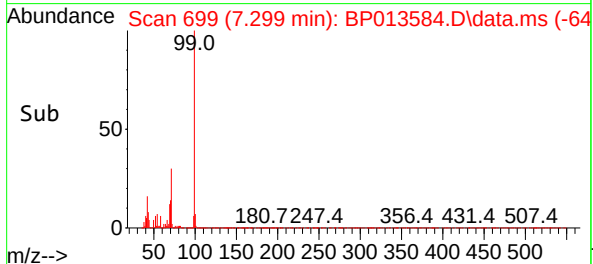
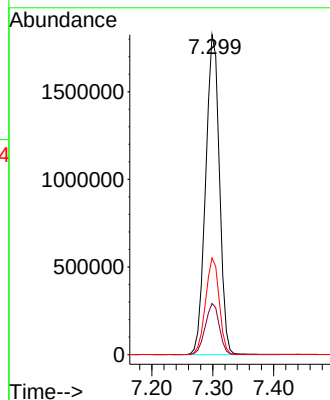
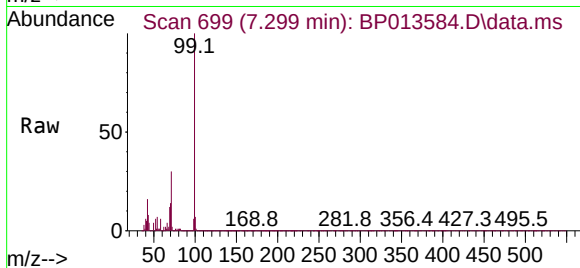




#7
Phenol-d6
Concen: 94.677 ng
RT: 7.299 min Scan# 69
Delta R.T. -0.000 min
Lab File: BP013584.D
Acq: 24 Jan 2023 22:44

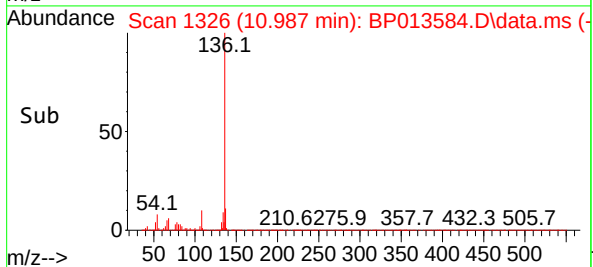
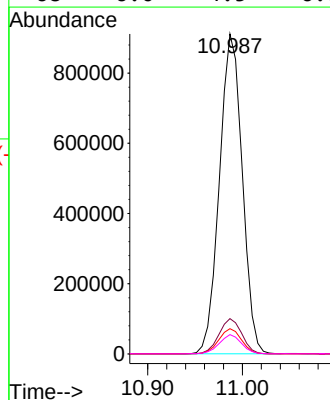
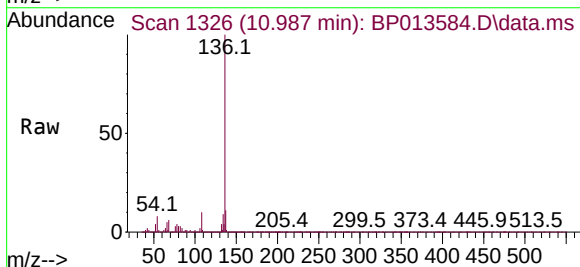
Instrument :
BNA_P
ClientSampleId :
WC-17

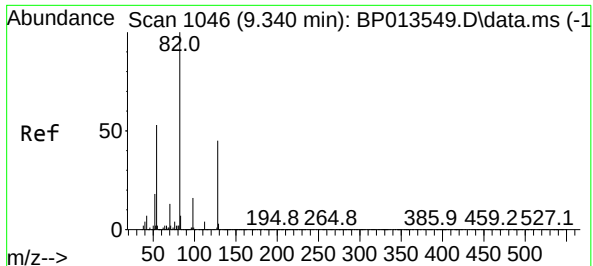
Tgt Ion: 99 Resp: 2870191
Ion Ratio Lower Upper
99 100
42 16.0 14.0 21.0
71 30.2 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.987 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP013584.D
Acq: 24 Jan 2023 22:44

Tgt Ion: 136 Resp: 1523349
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 7.9 6.6 9.8
68 6.0 4.5 6.7





#23

Nitrobenzene-d5

Concen: 68.426 ng

RT: 9.328 min Scan# 1044

Delta R.T. -0.006 min

Lab File: BP013584.D

Acq: 24 Jan 2023 22:44

Instrument :

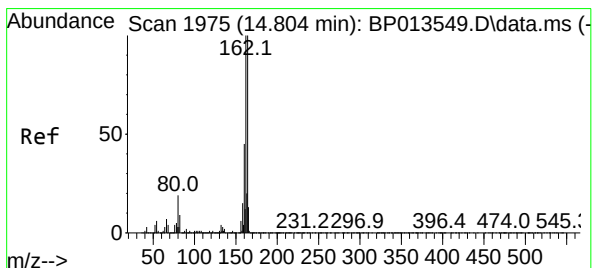
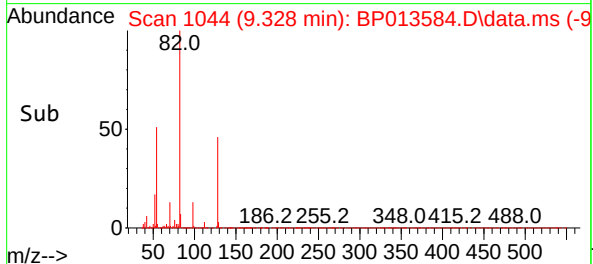
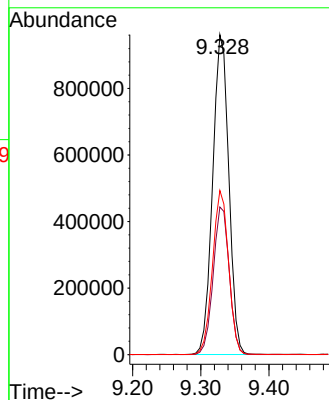
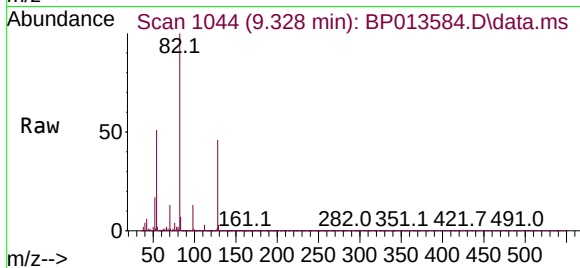
BNA_P

ClientSampleId :

WC-17

Tgt Ion: 82 Resp: 1578951

Ion	Ratio	Lower	Upper
82	100		
128	46.1	35.8	53.6
54	51.3	42.6	64.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.793 min Scan# 1973

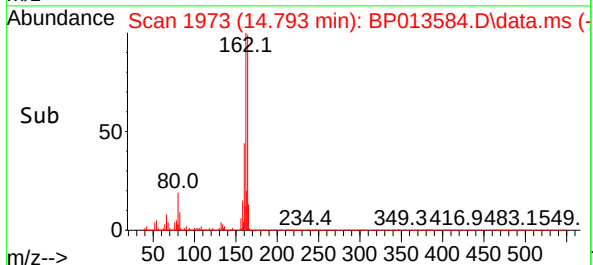
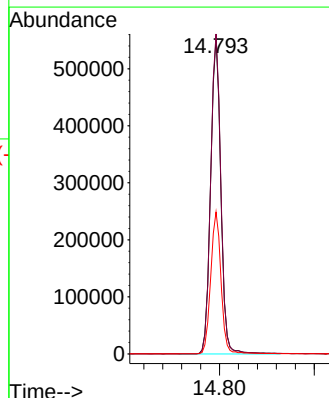
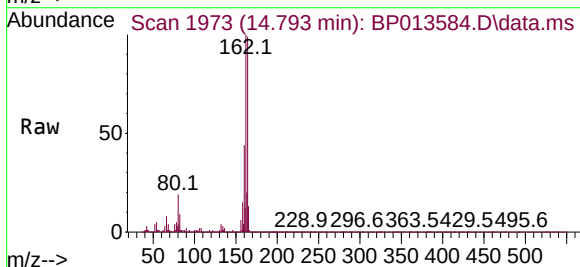
Delta R.T. -0.006 min

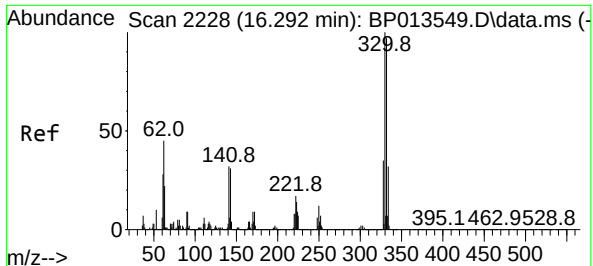
Lab File: BP013584.D

Acq: 24 Jan 2023 22:44

Tgt Ion: 164 Resp: 828227

Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.1	120.1
160	44.9	35.9	53.9

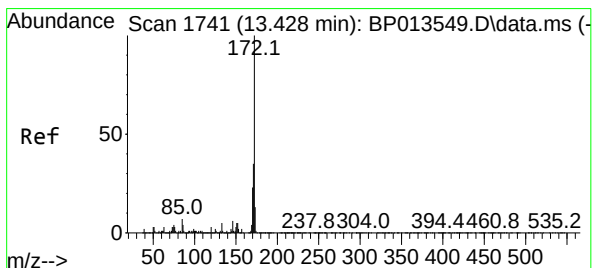
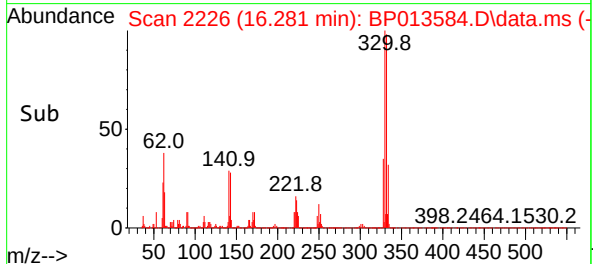
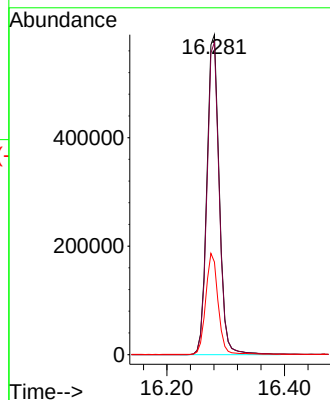
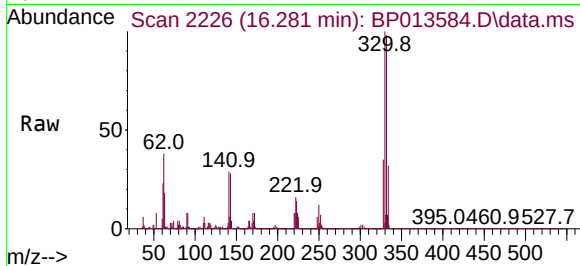




#42
2,4,6-Tribromophenol
Concen: 103.944 ng
RT: 16.281 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013584.D
Acq: 24 Jan 2023 22:44

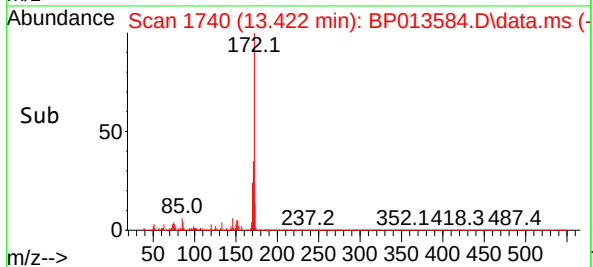
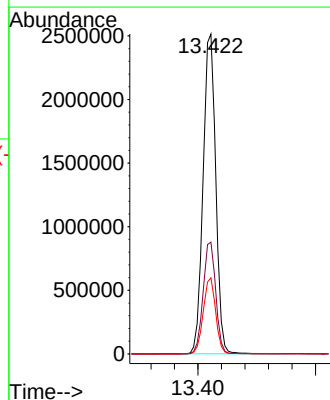
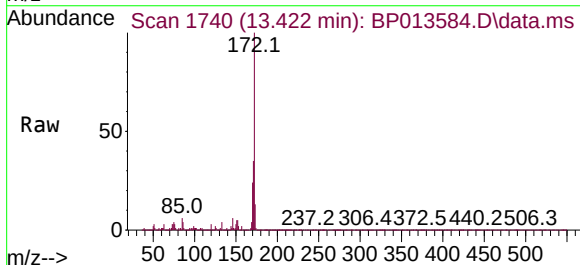
Instrument :
BNA_P
ClientSampleId :
WC-17

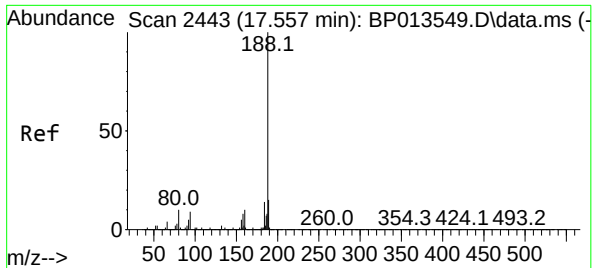
Tgt Ion:330 Resp: 863513
Ion Ratio Lower Upper
330 100
332 97.1 77.4 116.2
141 31.6 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 62.394 ng
RT: 13.422 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BP013584.D
Acq: 24 Jan 2023 22:44

Tgt Ion:172 Resp: 3764685
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.8
170 23.8 18.6 27.8

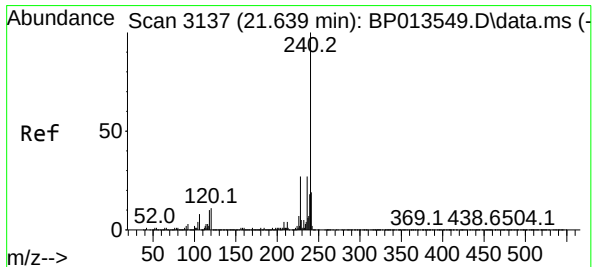
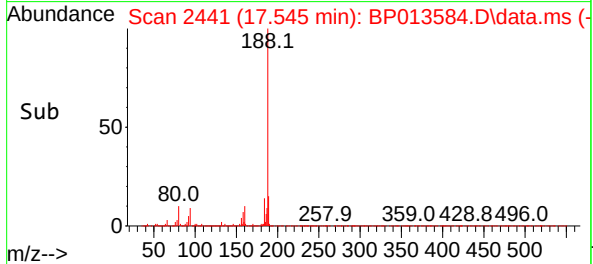
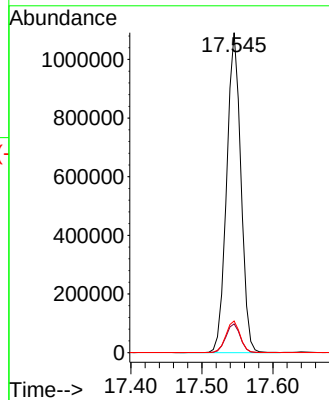
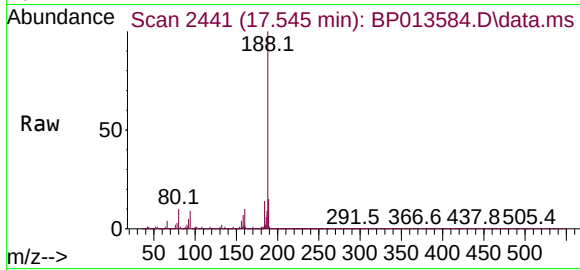




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.545 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BP013584.D
Acq: 24 Jan 2023 22:44

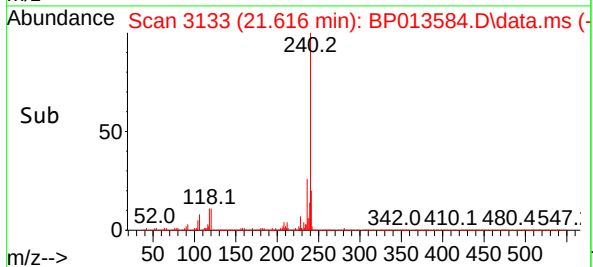
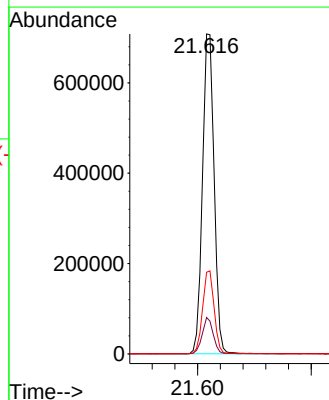
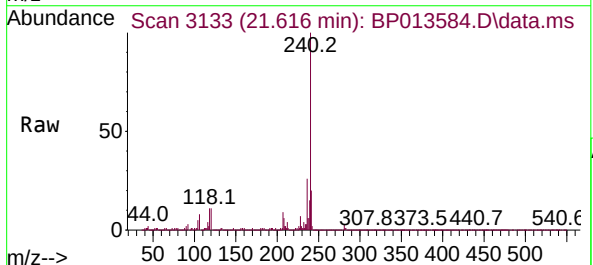
Instrument :
BNA_P
ClientSampleId :
WC-17

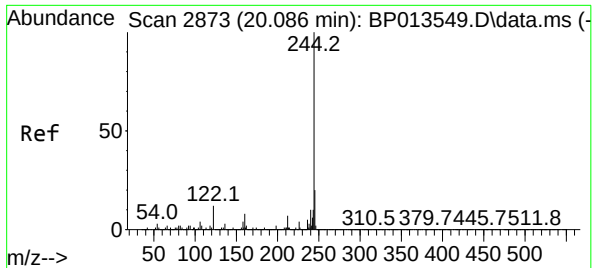
Tgt Ion:188 Resp: 1519829
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 9.9 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.616 min Scan# 3133
Delta R.T. -0.012 min
Lab File: BP013584.D
Acq: 24 Jan 2023 22:44

Tgt Ion:240 Resp: 1004639
Ion Ratio Lower Upper
240 100
120 11.4 8.6 13.0
236 25.5 21.3 31.9





#79

Terphenyl-d14

Concen: 65.165 ng

RT: 20.075 min Scan# 2873

Delta R.T. -0.006 min

Lab File: BP013584.D

Acq: 24 Jan 2023 22:44

Instrument :

BNA_P

ClientSampleId :

WC-17

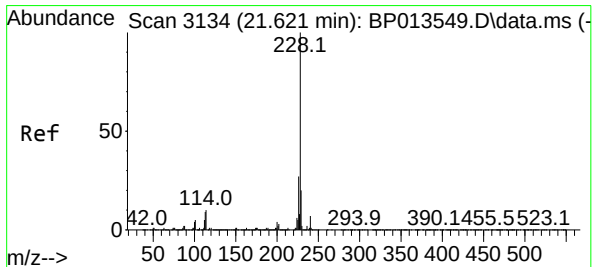
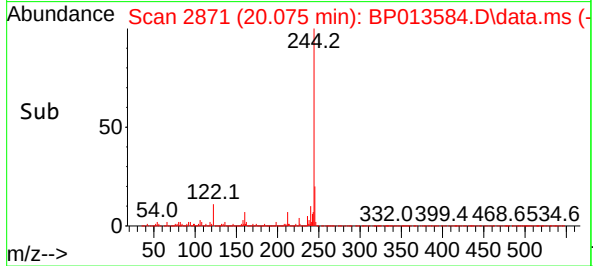
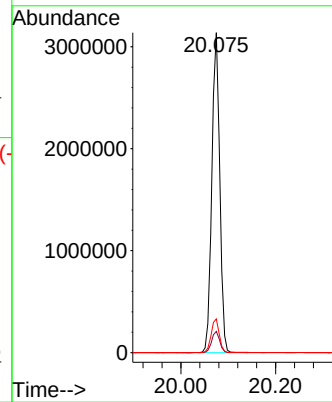
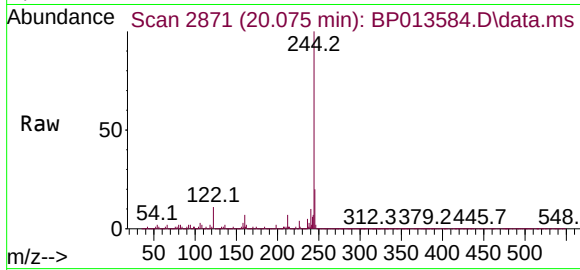
Tgt Ion:244 Resp: 3639080

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 10.5 9.2 13.8



#81

Benzo(a)anthracene

Concen: 2.618 ng

RT: 21.604 min Scan# 3131

Delta R.T. -0.006 min

Lab File: BP013584.D

Acq: 24 Jan 2023 22:44

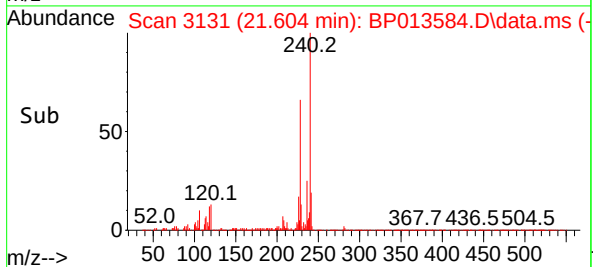
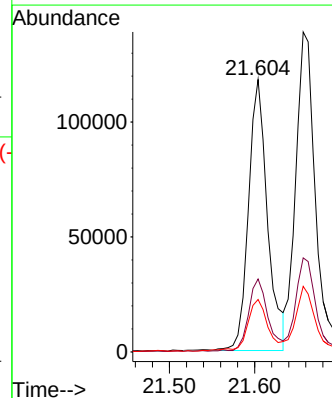
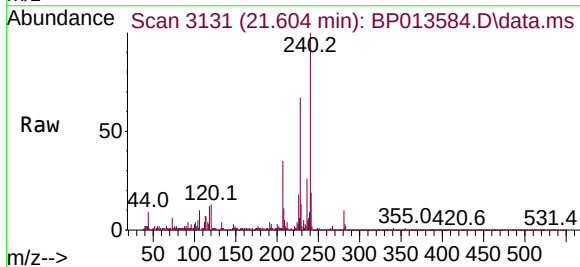
Tgt Ion:228 Resp: 183252

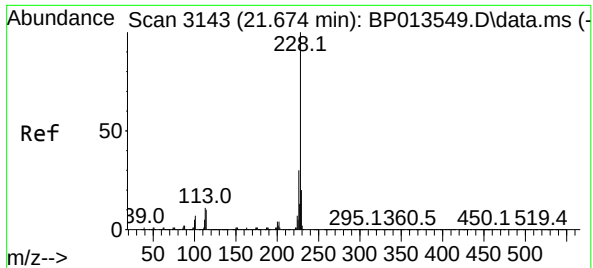
Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.8

229 19.2 15.8 23.6

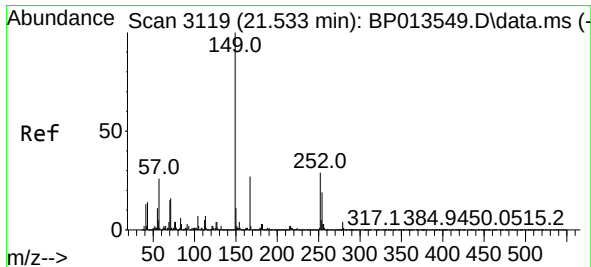
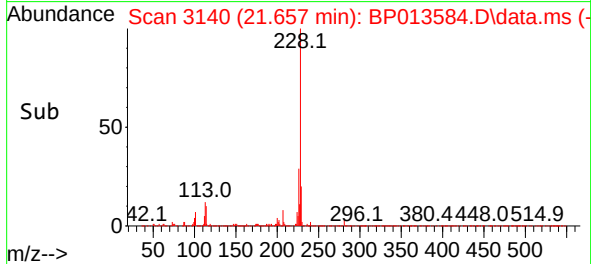
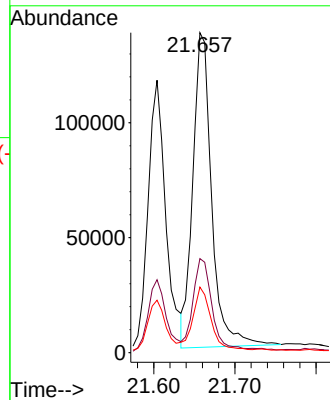
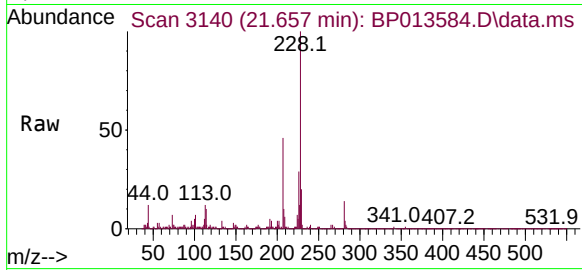




#83
Chrysene
Concen: 3.285 ng
RT: 21.657 min Scan# 3143
Delta R.T. -0.012 min
Lab File: BP013584.D
Acq: 24 Jan 2023 22:44

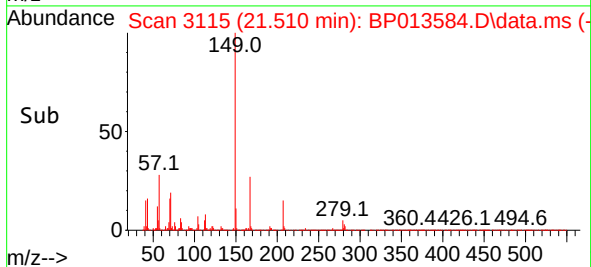
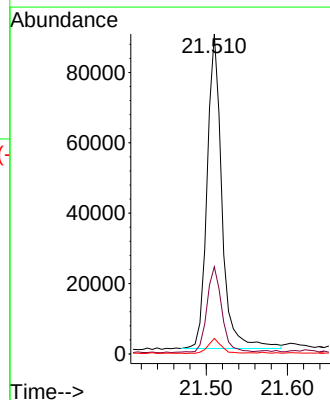
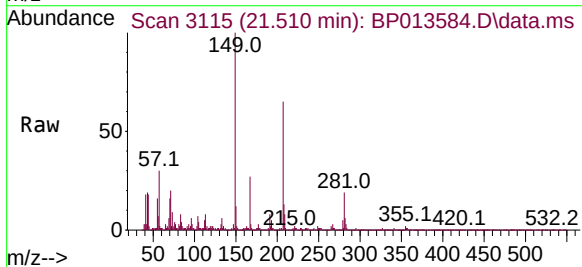
Instrument :
BNA_P
ClientSampleId :
WC-17

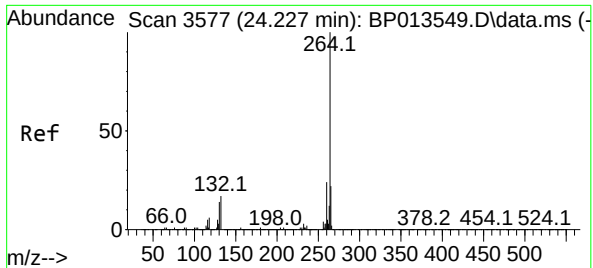
Tgt Ion:228 Resp: 219895
Ion Ratio Lower Upper
228 100
226 29.4 24.1 36.1
229 20.5 16.2 24.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.908 ng
RT: 21.510 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP013584.D
Acq: 24 Jan 2023 22:44

Tgt Ion:149 Resp: 113817
Ion Ratio Lower Upper
149 100
167 27.2 22.0 33.0
279 4.8 3.5 5.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.204 min Scan# 3573

Delta R.T. -0.012 min

Lab File: BP013584.D

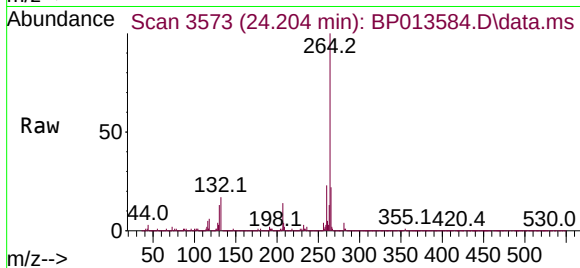
Acq: 24 Jan 2023 22:44

Instrument :

BNA_P

ClientSampleId :

WC-17



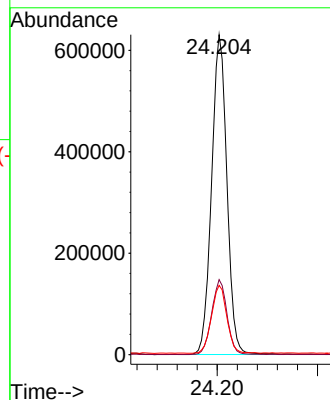
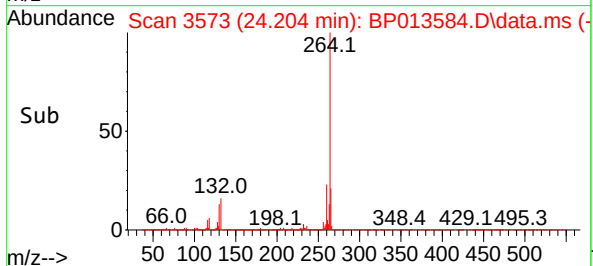
Tgt Ion:264 Resp: 1335170

Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 21.6 17.4 26.2



CALIBRATION SUMMARY



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: loui01

Lab Code: CHEM Case No.: O1232 SAS No.: O1232 SDG No.: O1232

Instrument ID: BNA_F Calibration Date(s): 01/19/2023 01/19/2023

Calibration Time(s): 11:21 15:11

LAB FILE ID:		RRF2.5 = BF132140.D			RRF005 = BF132141.D		RRF010 = BF132142.D	
		RRF020 = BF132143.D			RRF040 = BF132144.D		RRF050 = BF132145.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.301	1.246	1.204	1.116	1.063	1.145	9.4
Phenol-d6		1.696	1.541	1.516	1.404	1.325	1.441	10.5
Nitrobenzene-d5		0.363	0.366	0.383	0.383	0.371	0.376	2.5
Naphthalene		1.185	1.119	1.075	0.998	0.942	1.027	9.9
2-Fluorobiphenyl		1.669	1.529	1.407	1.250	1.162	1.369	14.8
Acenaphthylene		2.180	2.078	2.033	1.912	1.834	1.951	7.6
Acenaphthene		1.315	1.269	1.214	1.141	1.085	1.174	8.0
Fluorene		1.619	1.504	1.416	1.282	1.219	1.344	12.9
2,4,6-Tribromophenol		0.197	0.207	0.222	0.221	0.217	0.214	4.2
Phenanthrene		1.231	1.134	1.083	0.997	0.960	1.050	10.0
Anthracene		1.244	1.150	1.104	1.007	0.965	1.062	10.1
Fluoranthene		1.297	1.190	1.123	1.008	0.979	1.078	12.0
Pyrene		1.905	1.890	1.961	1.847	1.820	1.843	5.4
Terphenyl-d14		1.378	1.298	1.274	1.157	1.116	1.194	10.7
Benzo (a) anthracene		1.454	1.419	1.446	1.403	1.402	1.429	2.0
Chrysene		1.457	1.365	1.351	1.331	1.310	1.360	3.6
Benzo (b) fluoranthene		1.288	1.234	1.181	1.230	1.164	1.218	3.3
Benzo (k) fluoranthene		1.336	1.302	1.303	1.211	1.157	1.242	5.7
Benzo (a) pyrene		1.124	1.102	1.157	1.195	1.167	1.171	4.2
Indeno (1,2,3-cd) pyrene		1.093	1.197	1.461	1.579	1.556	1.451	15.2
Dibenzo (a,h) anthracene		0.926	1.009	1.215	1.294	1.249	1.184	12.9
Benzo (g,h,i) perylene		0.925	1.038	1.267	1.354	1.328	1.246	15.2

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF011923.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Fri Jan 20 00:50:42 2023
 Response Via : Initial Calibration

Calibration Files

2.5 =BF132140.D 5 =BF132141.D 10 =BF132142.D 20 =BF132143.D 40 =BF132144.D 50 =BF132145.D 60 =BF132146.D 80 =BF132147.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.624	0.591	0.586	0.580	0.553	0.575	0.553	0.580	4.24	
3)	Pyridine	1.663	1.539	1.599	1.567	1.496	1.554	1.480	1.557	3.98	
4)	n-Nitrosodimet...	0.731	0.705	0.733	0.730	0.724	0.761	0.742	0.732	2.31	
5) S	2-Fluorophenol	1.301	1.246	1.204	1.116	1.063	1.077	1.009	1.145	9.35	
6)	Aniline	2.241	2.090	2.044	1.937	1.865	1.940	1.857	1.996	6.91	
7) S	Phenol-d6	1.696	1.541	1.516	1.404	1.325	1.352	1.254	1.441	10.54	
8)	2-Chlorophenol	1.351	1.306	1.286	1.183	1.129	1.136	1.034	1.203	9.50	
9)	Benzaldehyde		1.086	1.022	0.903	0.814	0.812		0.927	13.33	
10) C	Phenol	1.733	1.636	1.580	1.468	1.375	1.408	1.303	1.500	10.29	
11)	bis(2-Chloroet...	1.461	1.341	1.325	1.236	1.178	1.219	1.131	1.270	8.87	
12)	1,3-Dichlorobe...	1.556	1.458	1.406	1.312	1.242	1.269	1.174	1.345	9.97	
13) C	1,4-Dichlorobe...	1.544	1.451	1.419	1.314	1.238	1.266	1.163	1.342	9.99	
14)	1,2-Dichlorobe...	1.495	1.391	1.326	1.200	1.128	1.134	1.014	1.241	13.62	
15)	Benzyl Alcohol	1.128	1.103	1.125	1.106	1.090	1.105	1.060	1.102	2.07	
16)	2,2'-oxybis(1-...	2.119	1.959	1.937	1.815	1.731	1.743	1.617	1.846	9.20	
17)	2-Methylphenol	1.172	1.098	1.104	1.042	0.990	1.019	0.955	1.054	7.08	
18)	Hexachloroethane	0.503	0.486	0.495	0.489	0.466	0.485	0.449	0.482	3.82	
19) P	n-Nitroso-di-n...	0.922	1.015	0.971	0.921	0.847	0.797	0.814	0.776	0.883	9.86
20)	3+4-Methylphenols	1.509	1.435	1.426	1.317	1.235	1.258	1.119	1.328	10.25	
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.579	0.528	0.504	0.462	0.431	0.442	0.419	0.481	12.18	
23) S	Nitrobenzene-d5	0.363	0.366	0.383	0.383	0.371	0.388	0.381	0.376	2.54	
24)	Nitrobenzene	0.397	0.392	0.410	0.406	0.388	0.406	0.391	0.399	2.20	
25)	Isophorone	0.767	0.740	0.738	0.719	0.711	0.739	0.743	0.737	2.45	
26) C	2-Nitrophenol	0.099	0.105	0.128	0.148	0.154			0.127	19.49	
27)	2,4-Dimethylph...	0.334	0.330	0.324	0.322	0.308	0.313	0.300	0.319	3.82	
28)	bis(2-Chloroet...	0.497	0.471	0.461	0.430	0.407	0.421	0.406	0.442	7.97	
29) C	2,4-Dichloroph...	0.303	0.298	0.313	0.309	0.294	0.305	0.296	0.303	2.28	
30)	1,2,4-Trichlor...	0.388	0.360	0.355	0.338	0.320	0.328	0.316	0.344	7.49	
31)	Naphthalene	1.185	1.119	1.075	0.998	0.942	0.965	0.907	1.027	9.89	
32)	Benzoic acid		0.118	0.151	0.188	0.200	0.228	0.235	0.187	24.10	
33)	4-Chloroaniline	0.496	0.474	0.458	0.437	0.411	0.410	0.390	0.440	8.72	
34) C	Hexachlorobuta...	0.252	0.234	0.234	0.227	0.220	0.230	0.220	0.231	4.75	
35)	Caprolactam	0.075	0.081	0.086	0.090	0.089	0.090	0.089	0.086	6.65	
36) C	4-Chloro-3-met...	0.299	0.305	0.314	0.309	0.305	0.302	0.298	0.305	1.80	
37)	2-Methylnaphth...	0.828	0.783	0.739	0.684	0.643	0.655	0.619	0.707	11.04	
38)	1-Methylnaphth...	0.774	0.719	0.690	0.638	0.599	0.609	0.577	0.658	10.93	

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF011923.M

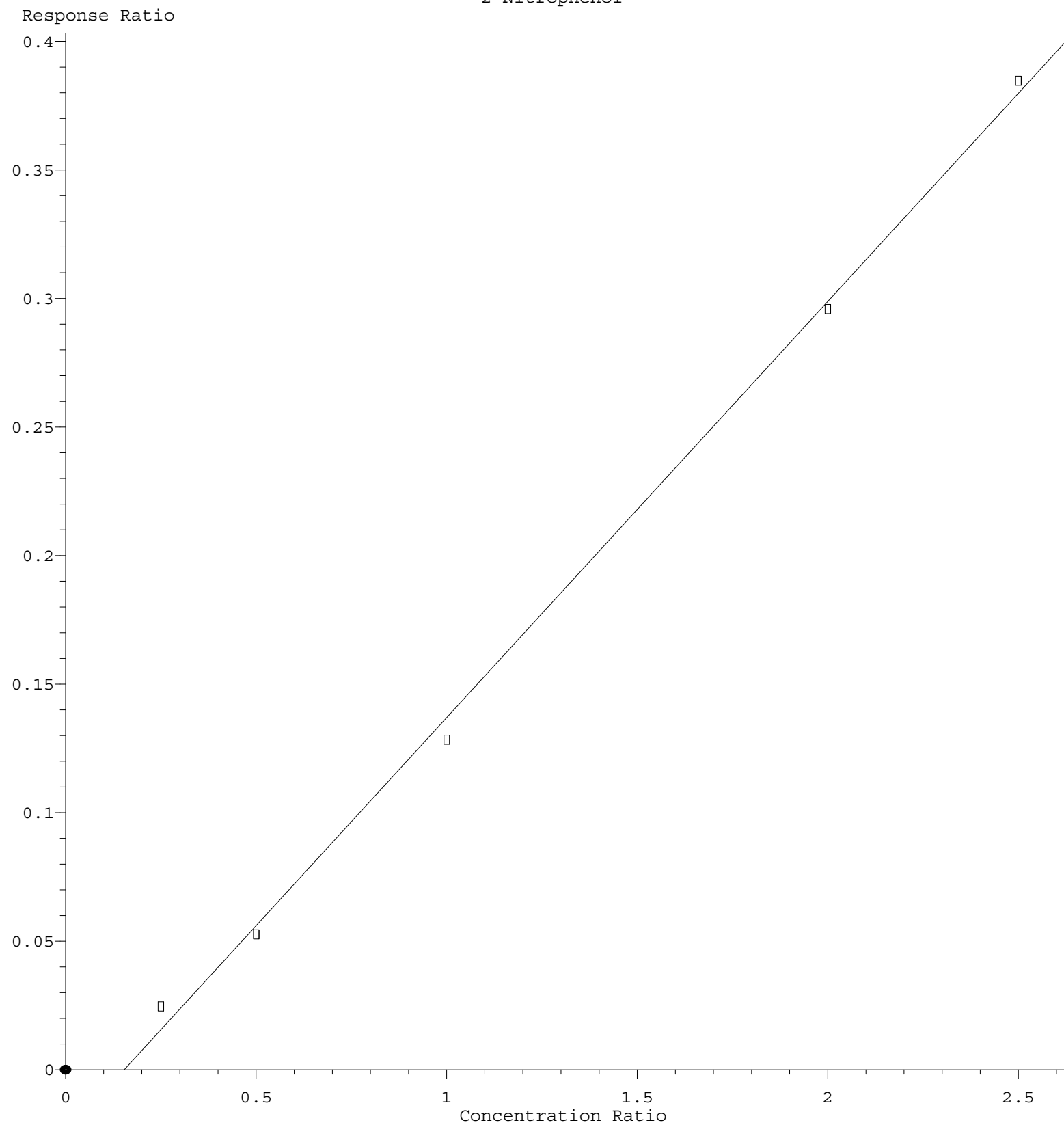
39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.789	0.737	0.719	0.684	0.641	0.667	0.634	0.696	8.04	
41) P	Hexachlorocycl...	0.306	0.342	0.390	0.389	0.422	0.428	0.380		12.43	
42) S	2,4,6-Tribromo...	0.197	0.207	0.222	0.221	0.217	0.219	0.212	0.214	4.25	
43) C	2,4,6-Trichlor...	0.392	0.414	0.445	0.448	0.437	0.451	0.436	0.432	4.95	
44)	2,4,5-Trichlor...	0.475	0.487	0.519	0.523	0.504	0.524	0.504	0.505	3.69	
45) S	2-Fluorobiphenyl	1.669	1.529	1.407	1.250	1.162	1.197		1.369	14.76	
46)	1,1'-Biphenyl	1.813	1.710	1.657	1.537	1.450	1.490	1.388	1.578	9.70	
47)	2-Chloronaphth...	1.372	1.294	1.270	1.195	1.131	1.167	1.110	1.220	7.81	
48)	2-Nitroaniline	0.245	0.288	0.354	0.380	0.391	0.405	0.395	0.351	17.42	
49)	Acenaphthylene	2.180	2.078	2.033	1.912	1.834	1.851	1.771	1.951	7.63	
50)	Dimethylphthalate	1.562	1.520	1.519	1.435	1.369	1.396	1.338	1.449	5.95	
51)	2,6-Dinitrotol...	0.224	0.253	0.286	0.301	0.300	0.307	0.296	0.281	10.95	
52) C	Acenaphthene	1.315	1.269	1.214	1.141	1.085	1.123	1.070	1.174	8.01	
53)	3-Nitroaniline	0.256	0.289	0.318	0.322	0.319	0.307	0.291	0.300	7.88	
54) P	2,4-Dinitrophenol	0.078	0.097	0.111	0.124	0.131		0.108		19.86	
55)	Dibenzofuran	2.079	1.971	1.883	1.771	1.692	1.707	1.594	1.814	9.44	
56) P	4-Nitrophenol	0.172	0.191	0.221	0.232	0.242	0.239	0.233	0.218	12.18	
57)	2,4-Dinitrotol...	0.266	0.281	0.340	0.355	0.372	0.379	0.366	0.337	13.46	
58)	Fluorene	1.619	1.504	1.416	1.282	1.219	1.221	1.148	1.344	12.87	
59)	2,3,4,6-Tetrac...	0.344	0.366	0.400	0.405	0.393	0.399	0.382	0.384	5.77	
60)	Diethylphthalate	1.495	1.493	1.485	1.423	1.389	1.362	1.296	1.420	5.37	
61)	4-Chlorophenyl...	0.838	0.783	0.750	0.704	0.664	0.673	0.625	0.720	10.37	
62)	4-Nitroaniline	0.258	0.275	0.293	0.282	0.290	0.283	0.276	0.279	4.12	
63)	Azobenzene	1.594	1.515	1.498	1.401	1.349	1.354	1.268	1.426	8.00	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.058	0.072	0.085	0.094	0.103	0.109	0.087		22.26	
66) c	n-Nitrosodiphe...	0.705	0.681	0.655	0.614	0.598	0.628	0.601	0.641	6.46	
67)	4-Bromophenyl-...	0.260	0.253	0.247	0.237	0.230	0.244	0.236	0.244	4.25	
68)	Hexachlorobenzene	0.260	0.248	0.243	0.235	0.229	0.242	0.237	0.242	4.22	
69)	Atrazine	0.204	0.202	0.203	0.197	0.190	0.198	0.190	0.198	2.96	
70) C	Pentachlorophenol	0.123	0.136	0.156	0.162	0.167	0.174	0.172	0.156	12.45	
71)	Phenanthrene	1.231	1.134	1.083	0.997	0.960	1.003	0.939	1.050	10.02	
72)	Anthracene	1.244	1.150	1.104	1.007	0.965	1.006	0.956	1.062	10.15	
73)	Carbazole	1.046	0.997	0.952	0.865	0.829	0.852	0.808	0.907	10.07	
74)	Di-n-butylphth...	1.021	1.052	1.071	0.990	0.977	1.001	0.955	1.010	4.07	
75) C	Fluoranthene	1.297	1.190	1.123	1.008	0.979	1.002	0.949	1.078	11.96	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzydine	0.607	0.635	0.615	0.682	0.569	0.574	0.521	0.600	8.60	
78)	Pyrene	1.905	1.890	1.961	1.847	1.820	1.833	1.646	1.843	5.41	
79) S	Terphenyl-d14	1.378	1.298	1.274	1.157	1.116	1.127	1.007	1.194	10.71	
80)	Butylbenzylpht...	0.360	0.428	0.535	0.582	0.598	0.624	0.612	0.534	19.03	
81)	Benzo(a)anthra...	1.454	1.419	1.446	1.403	1.402	1.471	1.406	1.429	1.95	
82)	3,3'-Dichlorob...	0.310	0.345	0.403	0.422	0.418	0.456	0.430	0.398	12.91	
83)	Chrysene	1.457	1.365	1.351	1.331	1.310	1.380	1.325	1.360	3.62	
84)	Bis(2-ethylhex...	0.472	0.547	0.691	0.768	0.788	0.841	0.830	0.705	20.44	
85) c	Di-n-octyl pht...	0.595	0.816	1.093	1.187	1.360	1.445	1.083		30.01#	

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF011923.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.093	1.197	1.461	1.579	1.556	1.661	1.613	1.451	15.17
88)	Benzo(b)fluora...	1.288	1.234	1.181	1.230	1.164	1.212	1.214	1.218	3.28
89)	Benzo(k)fluora...	1.336	1.302	1.303	1.211	1.157	1.208	1.177	1.242	5.66
90) C	Benzo(a)pyrene	1.124	1.102	1.157	1.195	1.167	1.243	1.212	1.171	4.23
91)	Dibenzo(a,h)an...	0.926	1.009	1.215	1.294	1.249	1.323	1.268	1.184	12.94
92)	Benzo(g,h,i)pe...	0.925	1.038	1.267	1.354	1.328	1.422	1.385	1.246	15.21

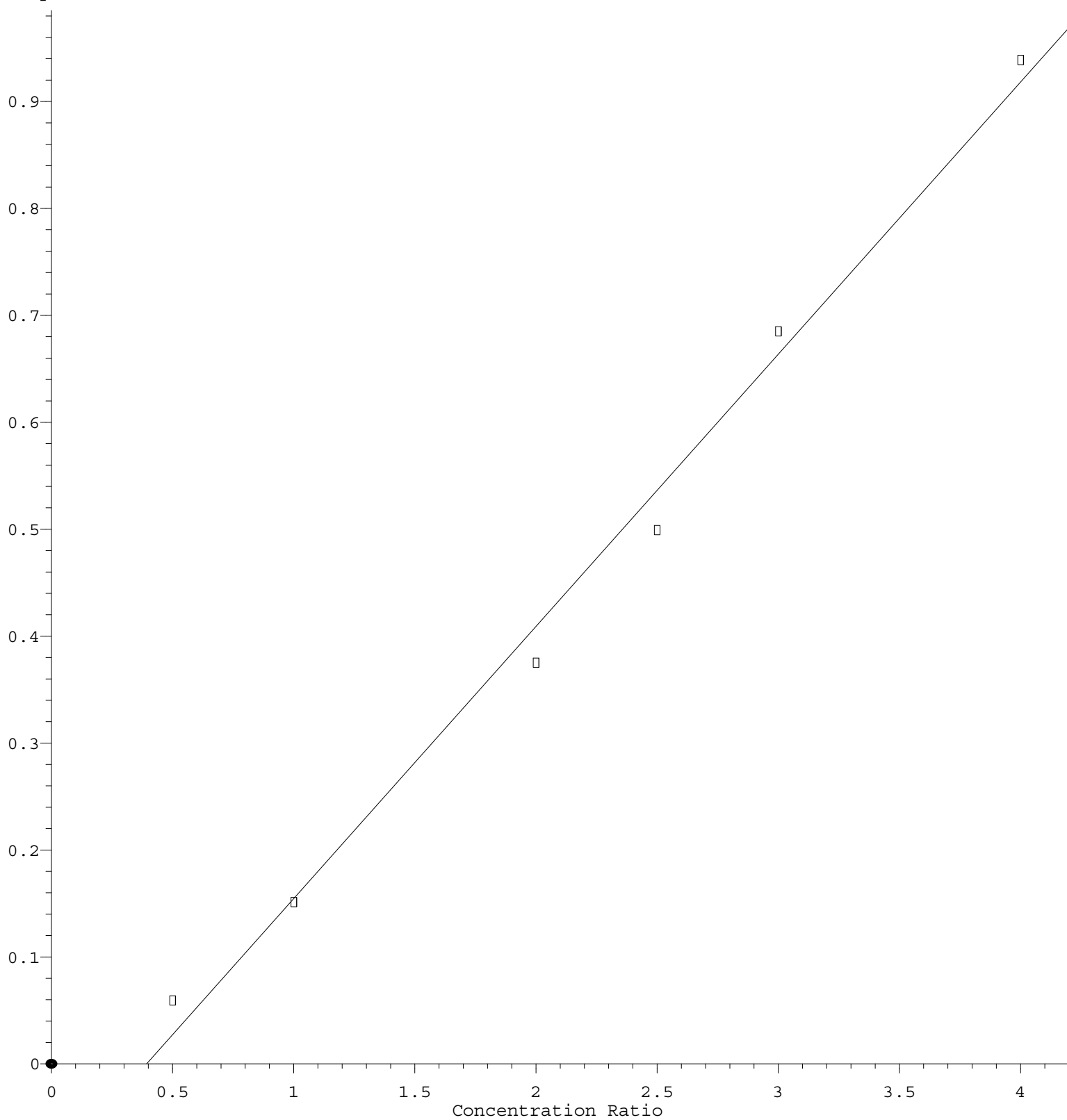
(#) = Out of Range

2-Nitrophenol



Benzoic acid

Response Ratio



$$\text{Response} = 2.545\text{e-}001 * \text{Amt} - 9.992\text{e-}002$$

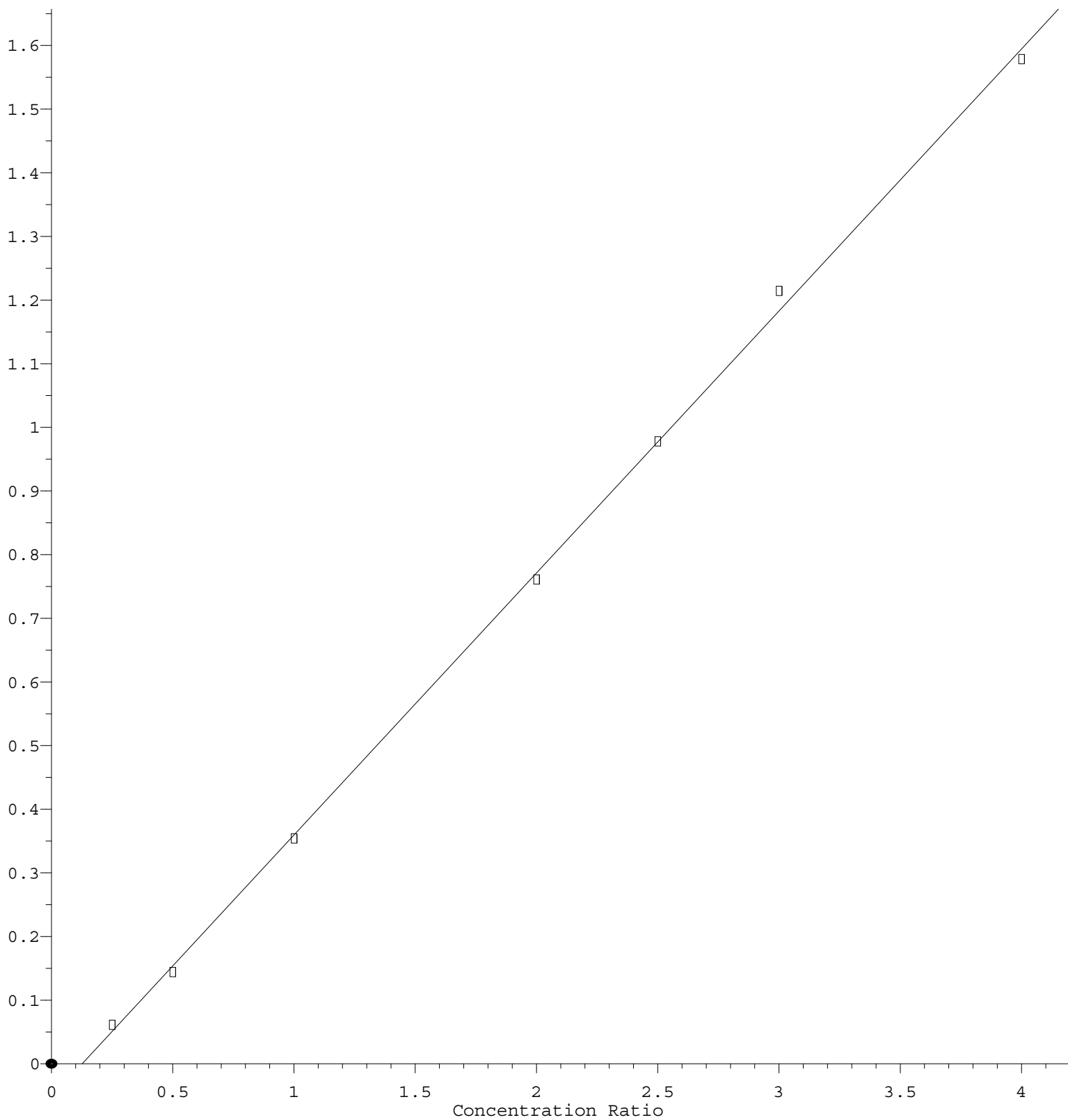
Coef of Det (r^2) = 0.991816 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF011923.M

Calibration Table Last Updated: Fri Jan 20 00:50:42 2023

2-Nitroaniline

Response Ratio



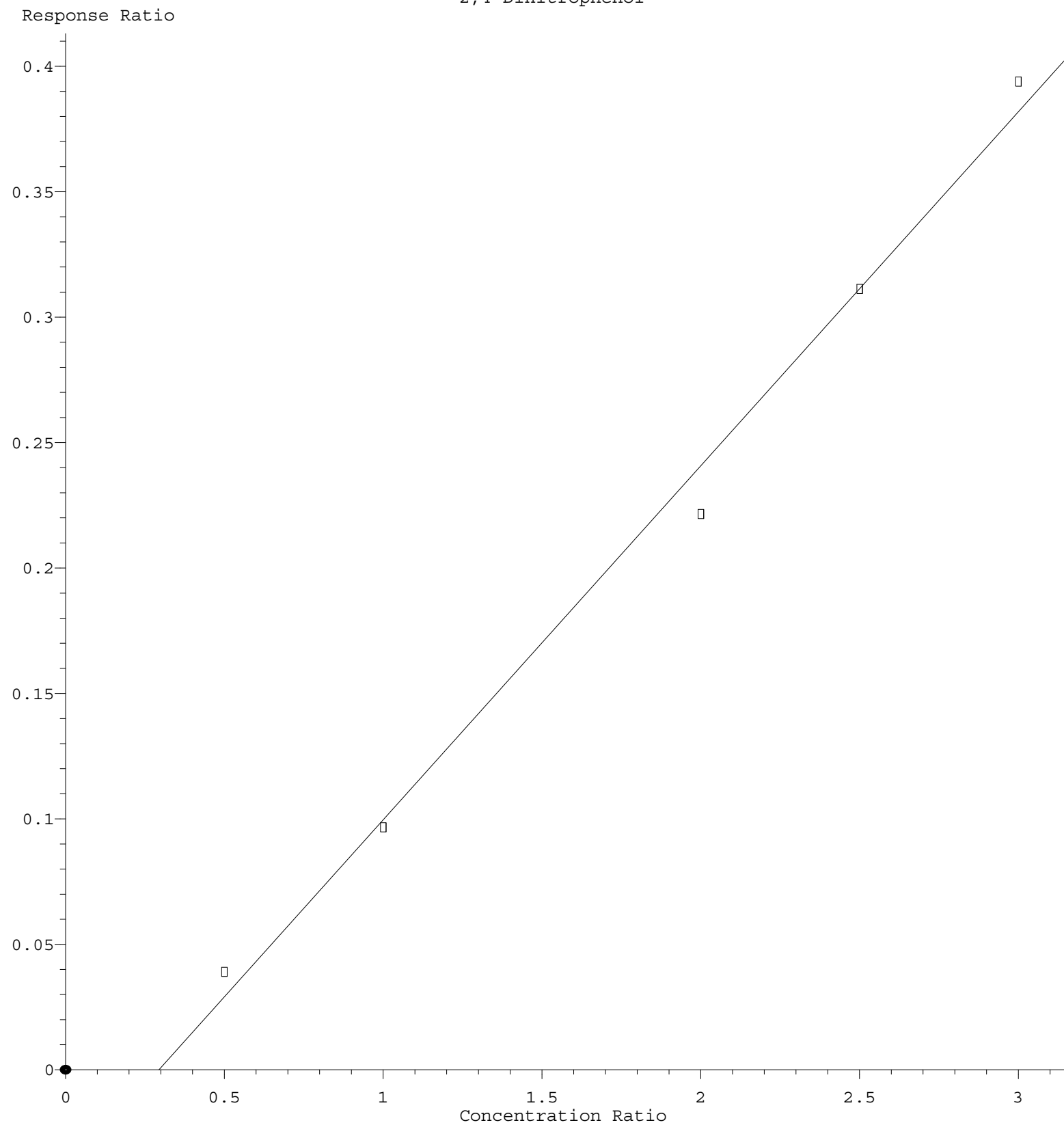
$$\text{Response} = 4.118\text{e-}001 * \text{Amt} - 5.219\text{e-}002$$

Coef of Det (r^2) = 0.999189 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF011923.M

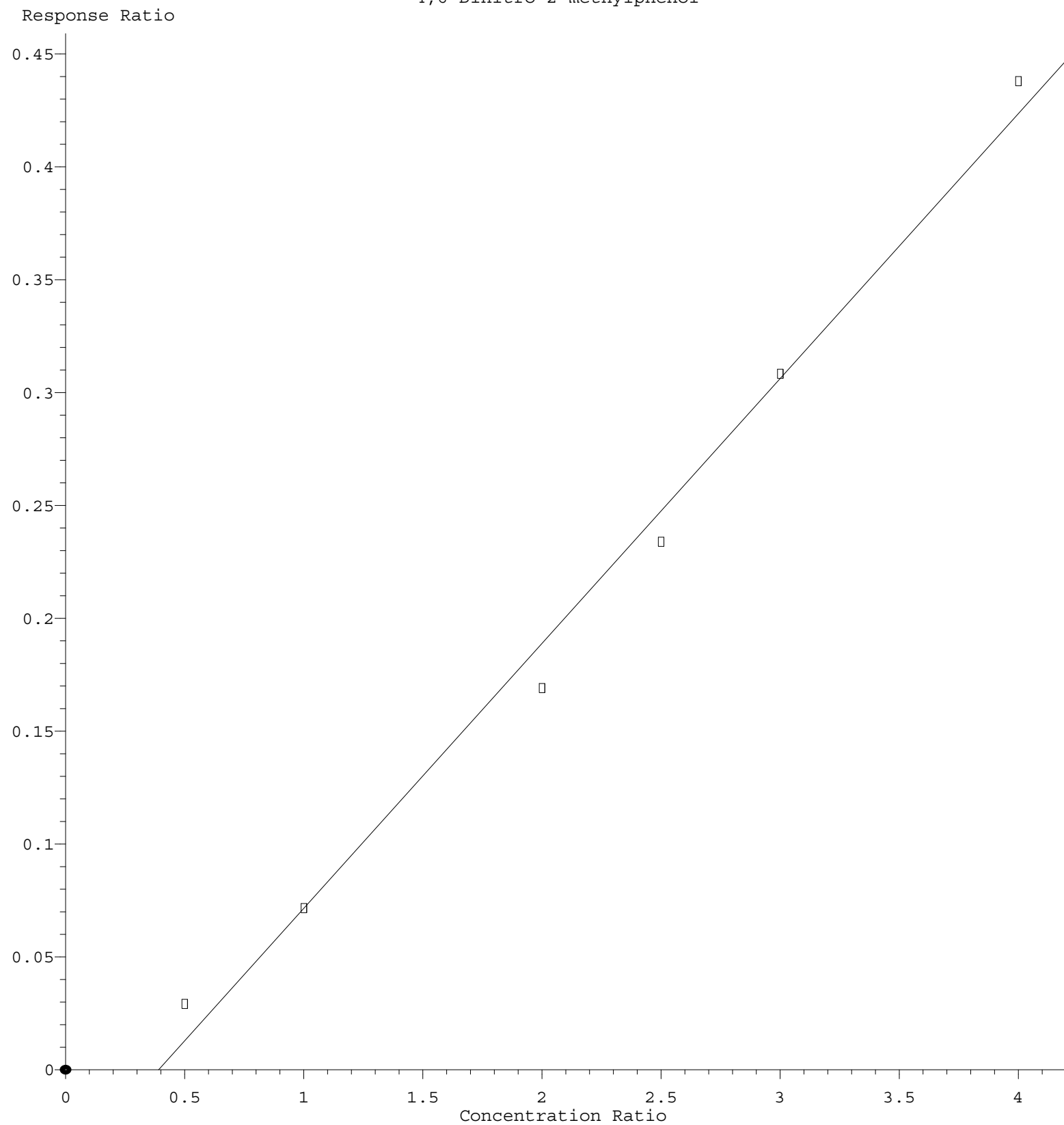
Calibration Table Last Updated: Fri Jan 20 00:50:42 2023

2,4-Dinitrophenol



$\text{Response} = 1.411\text{e-}001 * \text{Amt} - 4.154\text{e-}002$
 Coef of Det (r^2) = 0.992791 Curve Fit: Linear
 Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF011923.M
 Calibration Table Last Updated: Fri Jan 20 00:50:42 2023

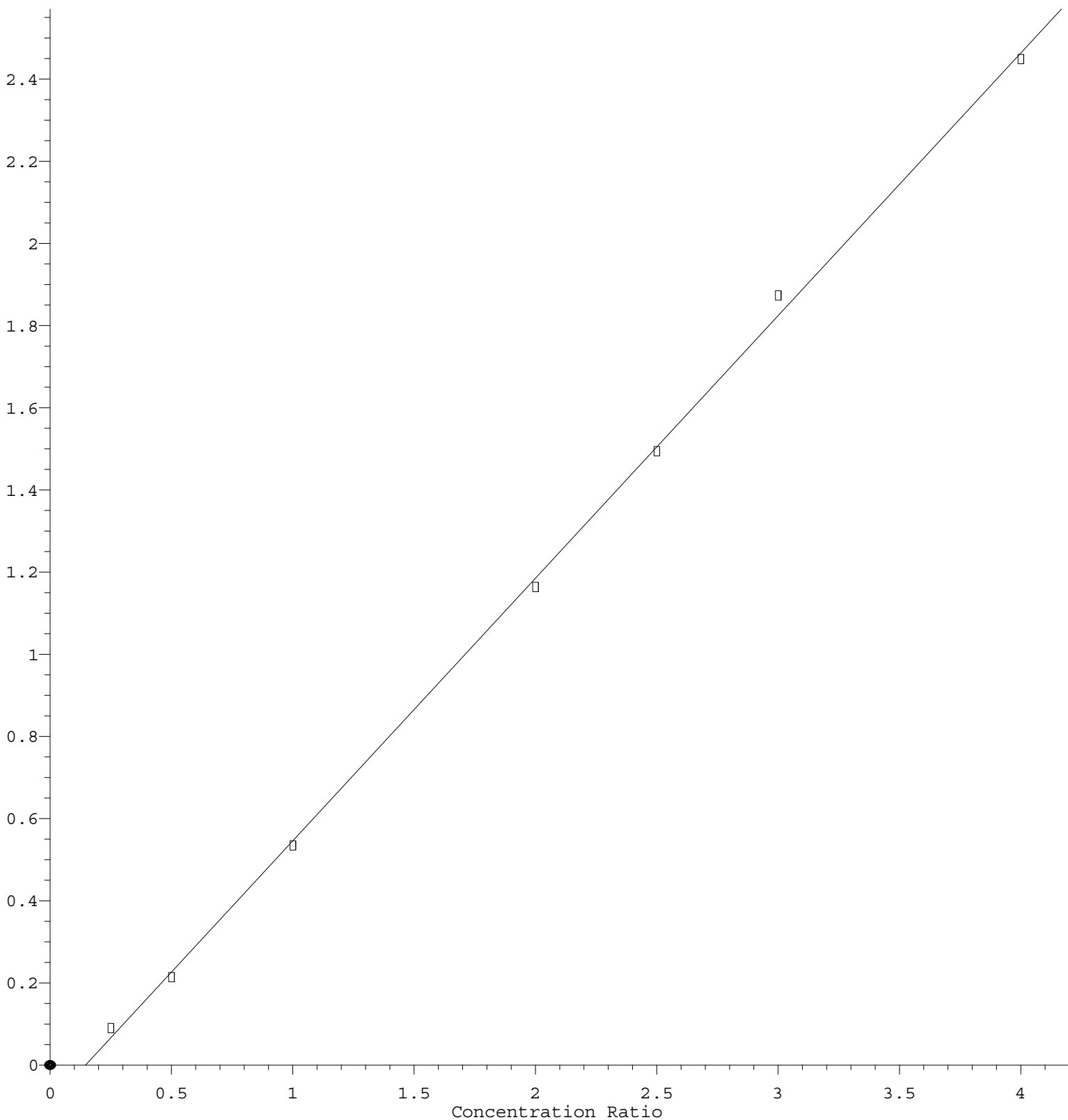
4,6-Dinitro-2-methylphenol



Response = $1.173 \times 10^{-1} \times \text{Amt} - 4.581 \times 10^{-2}$
Coef of Det (r^2) = 0.990888 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF011923.M
Calibration Table Last Updated: Fri Jan 20 00:50:42 2023

Butylbenzylphthalate

Response Ratio



$$\text{Response} = 6.394\text{e-}001 * \text{Amt} - 9.337\text{e-}002$$

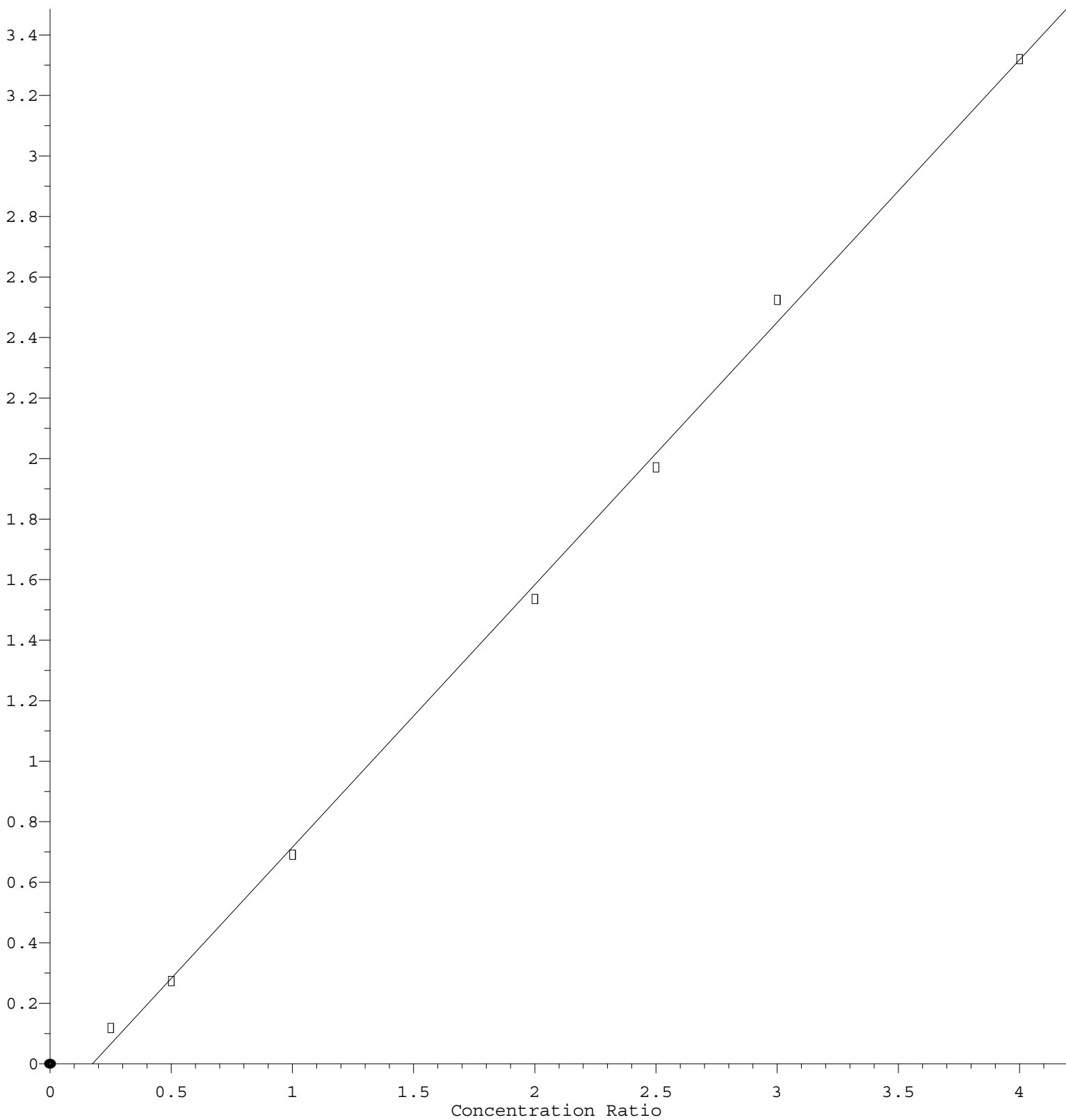
Coef of Det (r^2) = 0.999143 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF011923.M

Calibration Table Last Updated: Fri Jan 20 00:50:42 2023

Bis(2-ethylhexyl)phthalate

Response Ratio



$$\text{Response} = 8.674\text{e-}001 * \text{Amt} - 1.515\text{e-}001$$

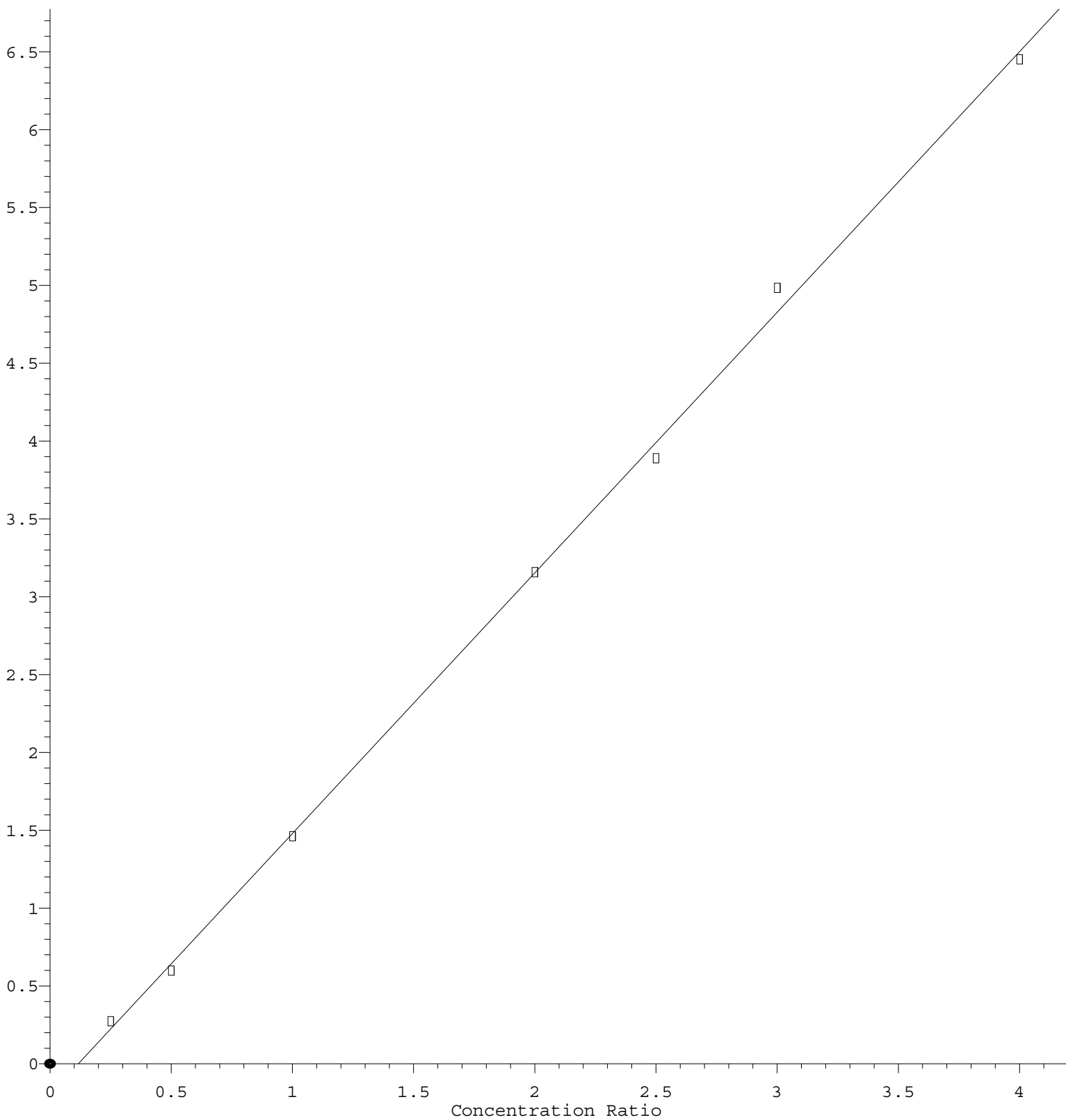
Coef of Det (r^2) = 0.998465 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF011923.M

Calibration Table Last Updated: Fri Jan 20 00:50:42 2023

Indeno (1,2,3-cd)pyrene

Response Ratio



$$\text{Response} = 1.674\text{e}+000 * \text{Amt} - 1.957\text{e}-001$$

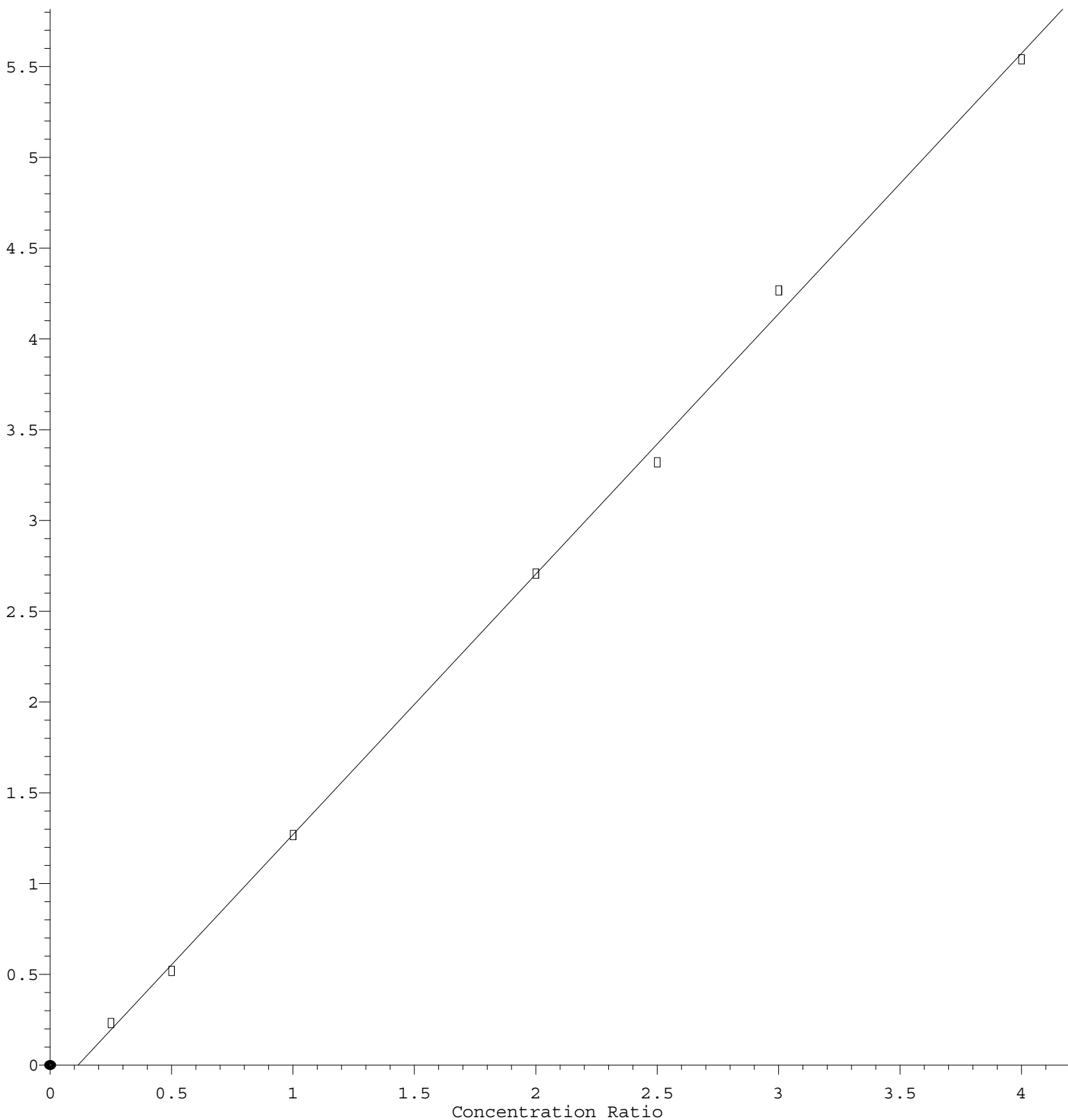
Coef of Det (r^2) = 0.998700 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF011923.M

Calibration Table Last Updated: Fri Jan 20 00:50:42 2023

Benzo(g,h,i)perylene

Response Ratio



$$\text{Response} = 1.434\text{e}+000 * \text{Amt} - 1.648\text{e}-001$$

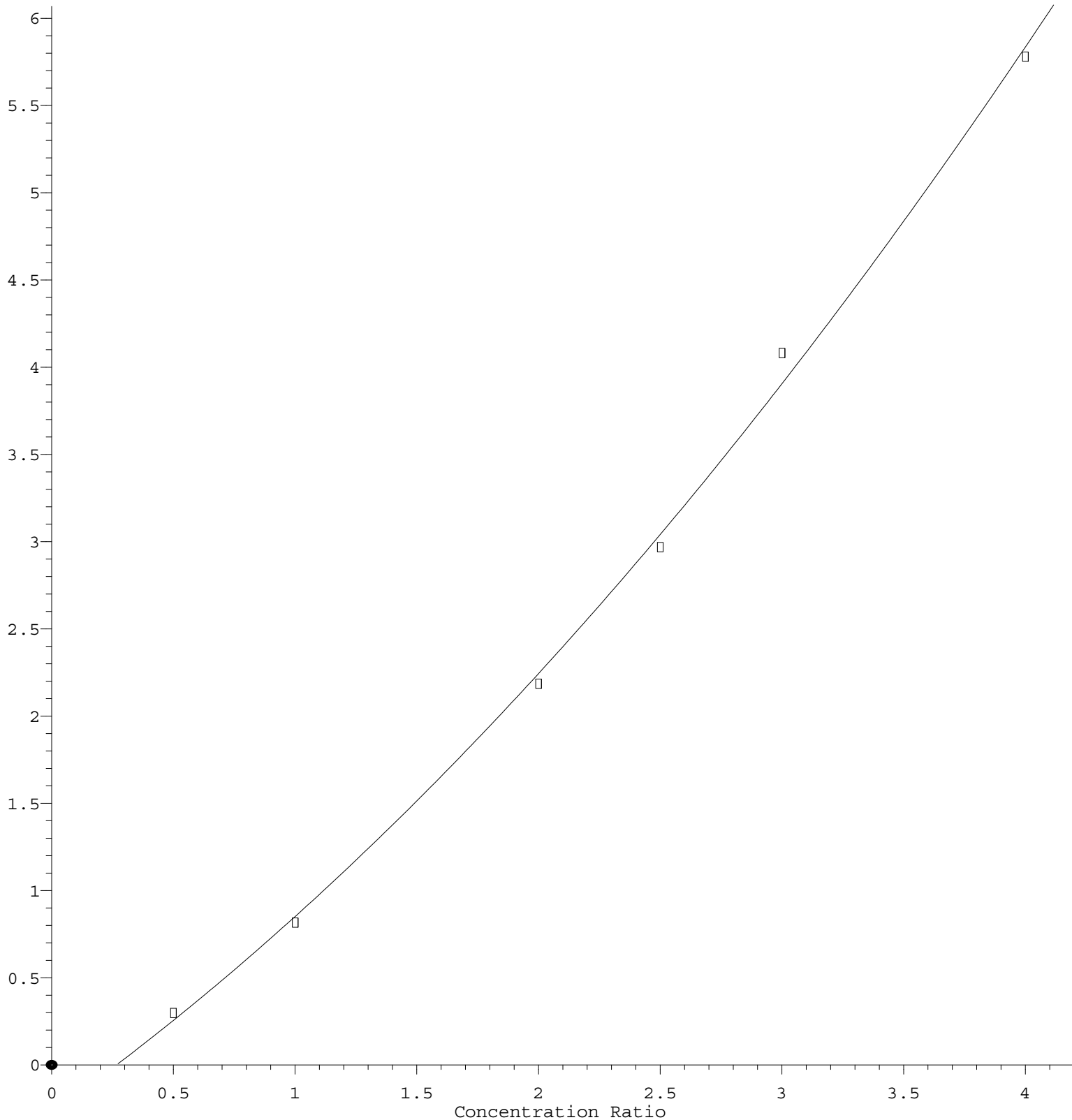
Coef of Det (r^2) = 0.998719 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF011923.M

Calibration Table Last Updated: Fri Jan 20 00:50:42 2023

Di-n-octyl phthalate

Response Ratio



$R = 1.344e-001 A^2 + 9.896e-001 A - 2.736e-001$
 Coef of Det (r^2) = 0.997826 Curve Fit: Quadratic
 Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF011923.M
 Calibration Table Last Updated: Fri Jan 20 00:50:42 2023

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011923\
 Data File : BF132140.D
 Acq On : 19 Jan 2023 11:21
 Operator : CG\JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Quant Time: Jan 20 00:09:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:07:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

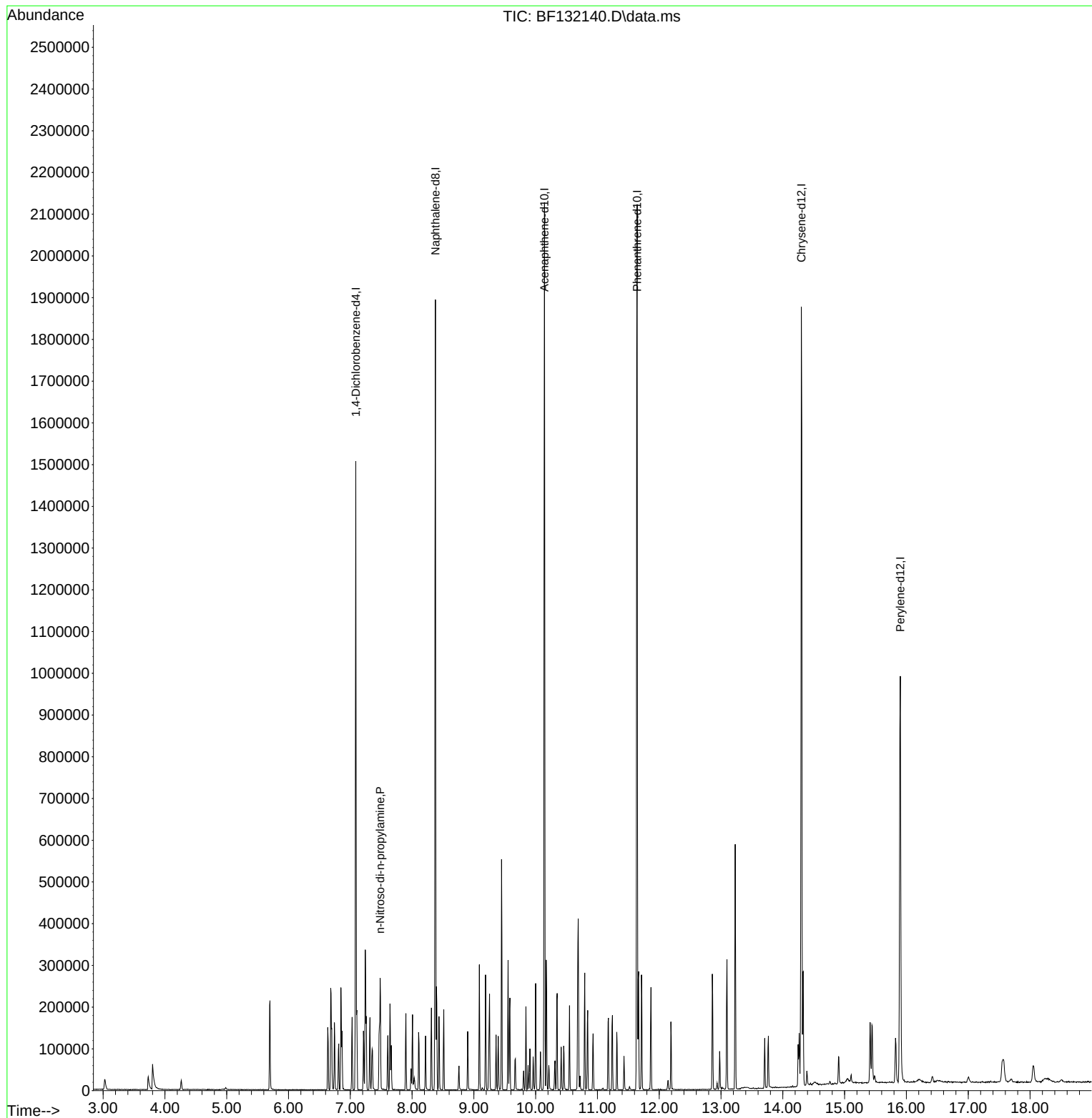
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.089	152	195208	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	704530	20.000	ng	0.00
39) Acenaphthene-d10	10.142	164	385356	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	760266	20.000	ng	0.00
76) Chrysene-d12	14.301	240	608530	20.000	ng	# 0.00
86) Perylene-d12	15.901	264	485191	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.484	70	22501	2.611	ng	95

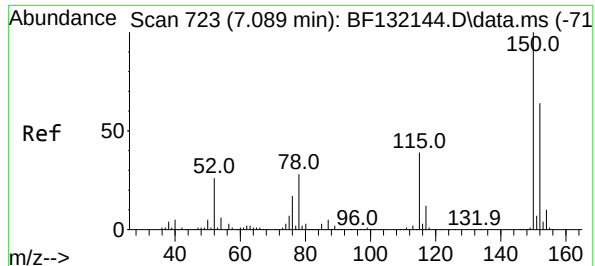
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011923\
Data File : BF132140.D
Acq On : 19 Jan 2023 11:21
Operator : CG\JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Jan 20 00:09:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 20 00:07:35 2023
Response via : Initial Calibration

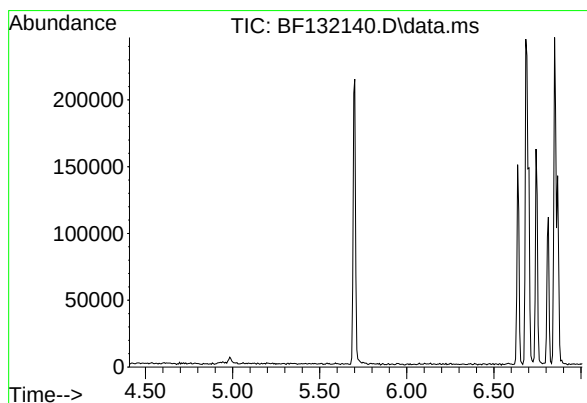
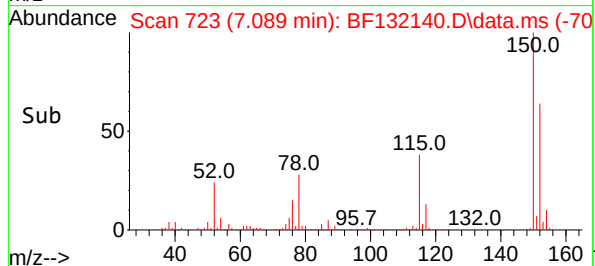
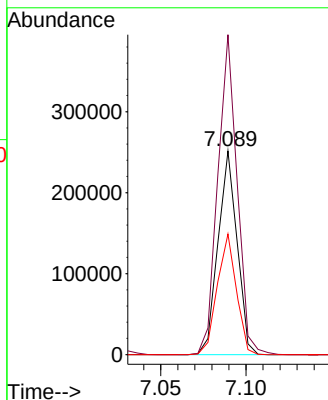
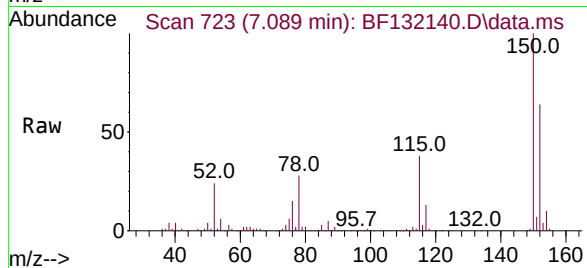




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.089 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132140.D
Acq: 19 Jan 2023 11:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

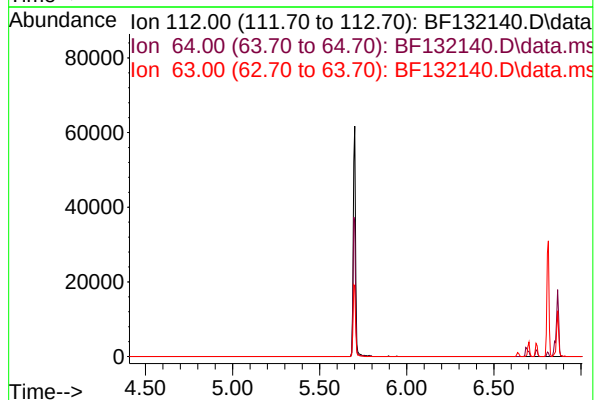
Tgt Ion:152 Resp: 195208
Ion Ratio Lower Upper
152 100
150 157.2 125.8 188.8
115 59.2 49.2 73.8



#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.71 min

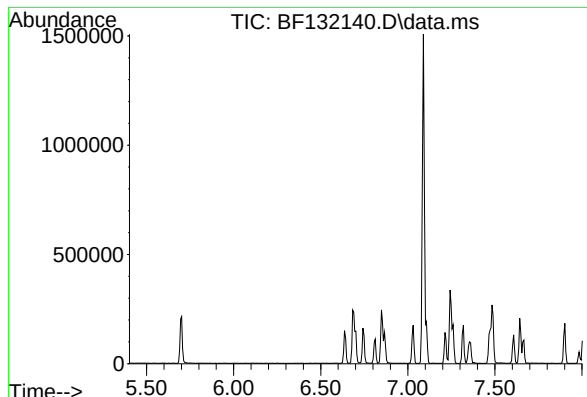
Lab File: BF132140.D
Acq: 19 Jan 2023 11:21

Tgt Ion: 112
Sig Exp Ratio
112 100
64 64.2
63 35.2



Ion 64.00 (63.70 to 64.70): BF132140.D\data.ms

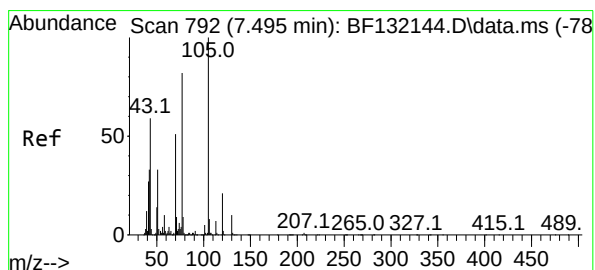
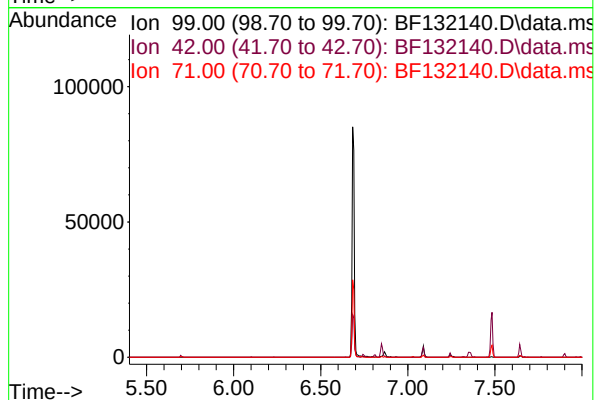
Ion 63.00 (62.70 to 63.70): BF132140.D\data.ms



#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.70 min
Lab File: BF132140.D
Acq: 19 Jan 2023 11:21

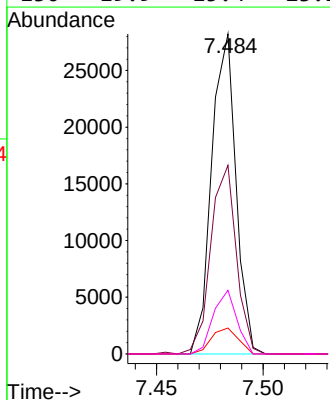
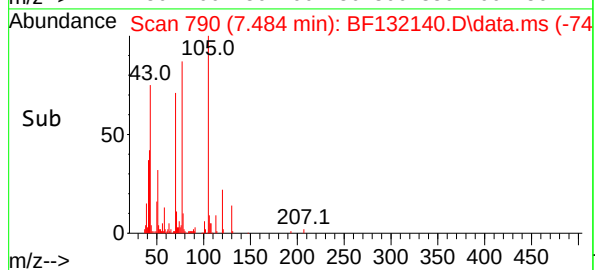
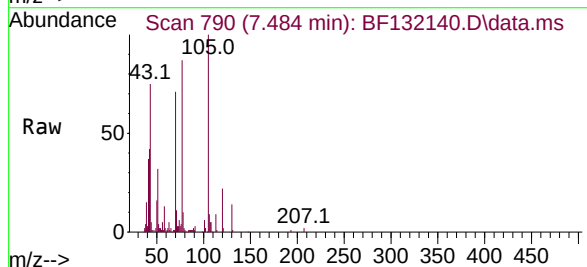
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

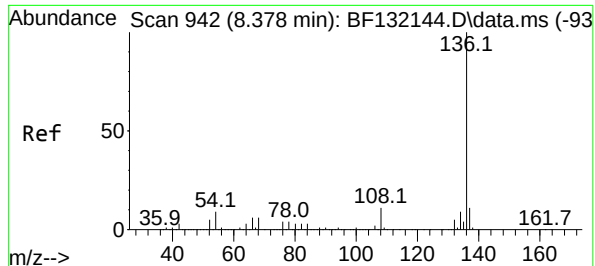
Tgt Ion: 99
Sig Exp Ratio
99 100
42 20.7
71 38.5



#19
n-Nitroso-di-n-propylamine
Concen: 2.611 ng
RT: 7.484 min Scan# 790
Delta R.T. -0.012 min
Lab File: BF132140.D
Acq: 19 Jan 2023 11:21

Tgt Ion: 70 Resp: 22501
Ion Ratio Lower Upper
70 100
42 58.9 51.0 76.4
101 8.1 7.3 10.9
130 19.9 15.4 23.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.378 min Scan# 94

Delta R.T. -0.000 min

Lab File: BF132140.D

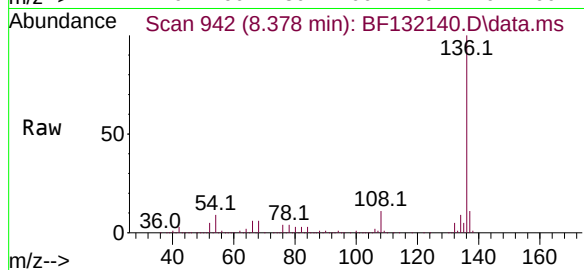
Acq: 19 Jan 2023 11:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 704530

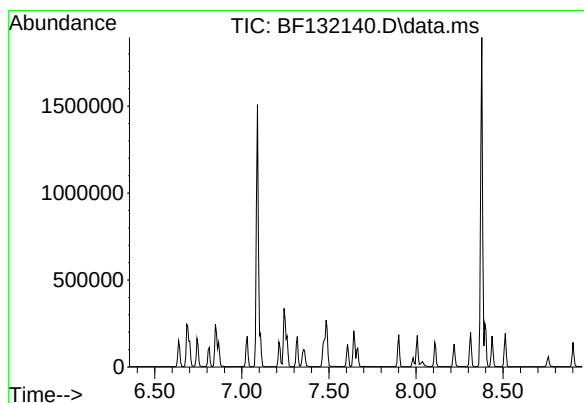
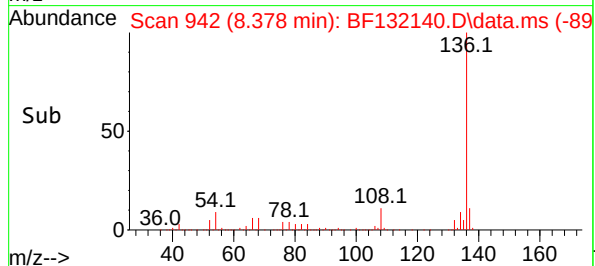
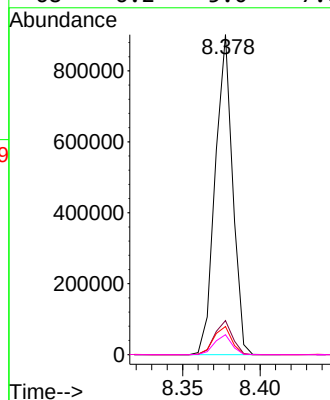
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 8.8 7.0 10.6

68 6.2 5.0 7.6



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 7.65 min

Lab File: BF132140.D

Acq: 19 Jan 2023 11:21

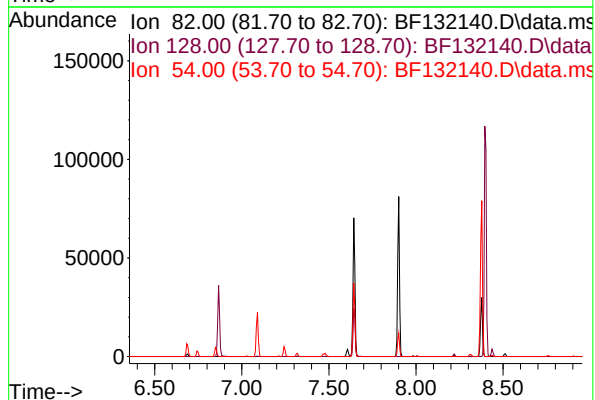
Tgt Ion: 82

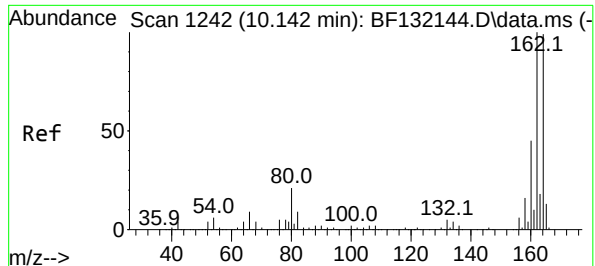
Sig Exp Ratio

82 100

128 38.9

54 54.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.142 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132140.D

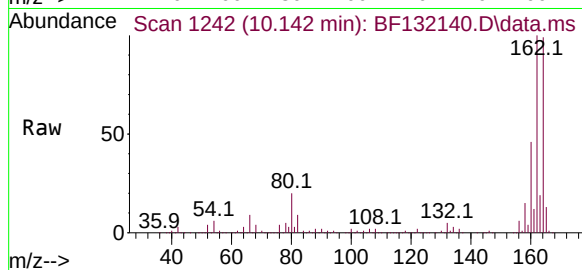
Acq: 19 Jan 2023 11:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



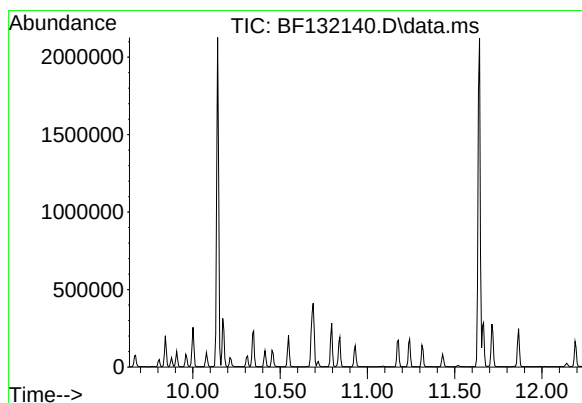
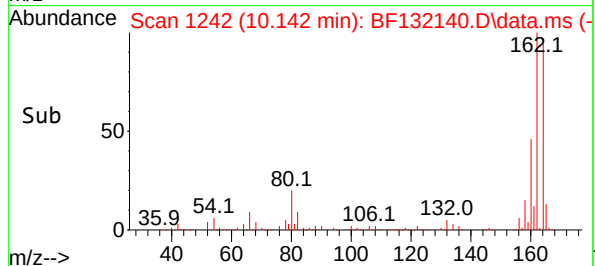
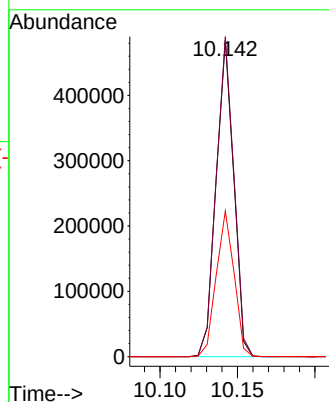
Tgt Ion:164 Resp: 385356

Ion Ratio Lower Upper

164 100

162 101.1 81.2 121.8

160 46.1 36.9 55.3



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.94 min

Lab File: BF132140.D

Acq: 19 Jan 2023 11:21

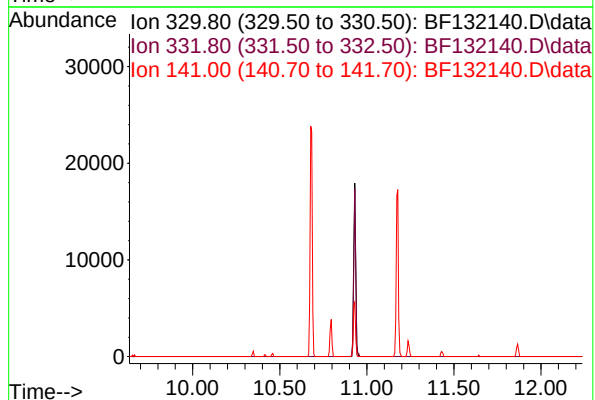
Tgt Ion: 330

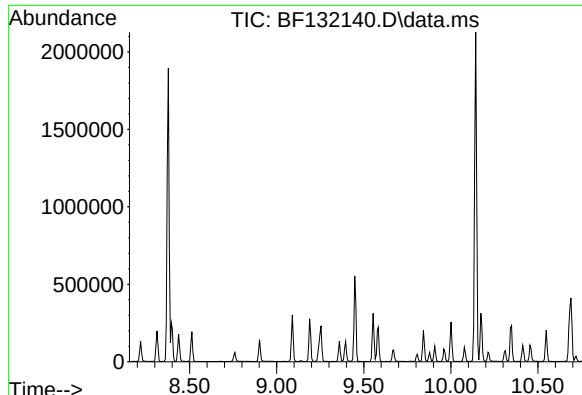
Sig Exp Ratio

330 100

332 94.5

141 33.9





#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 9.45 min

Lab File: BF132140.D

Acq: 19 Jan 2023 11:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

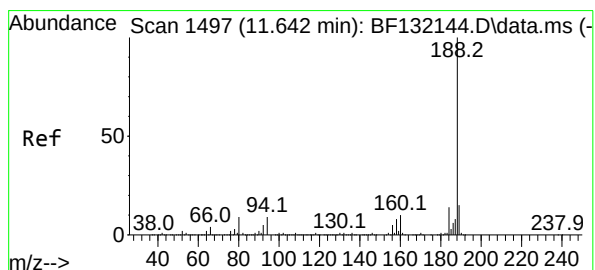
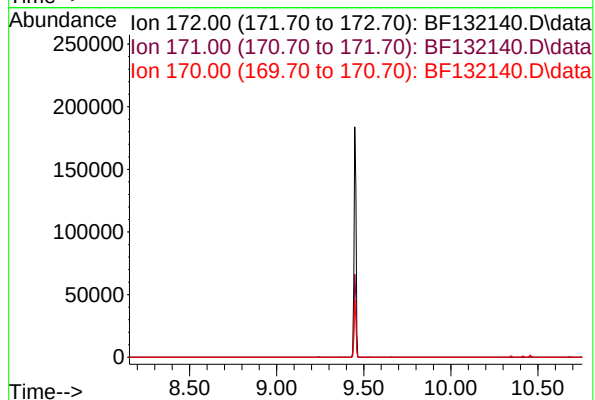
Tgt Ion: 172

Sig Exp Ratio

172 100

171 35.2

170 24.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.642 min Scan# 1497

Delta R.T. -0.000 min

Lab File: BF132140.D

Acq: 19 Jan 2023 11:21

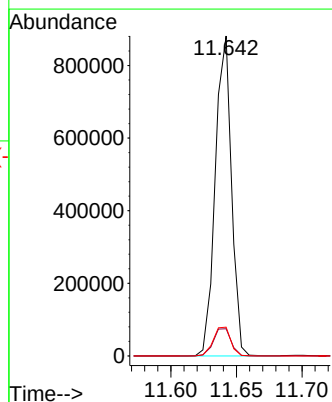
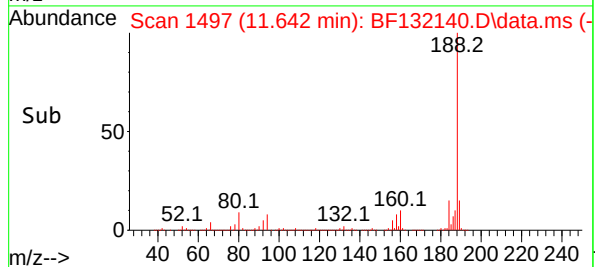
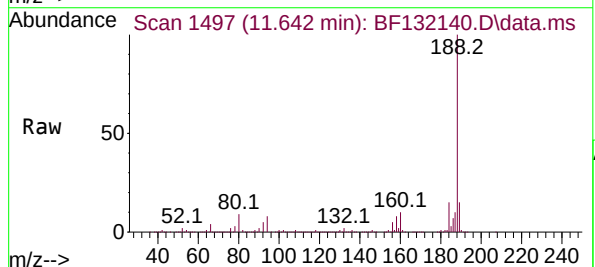
Tgt Ion: 188 Resp: 760266

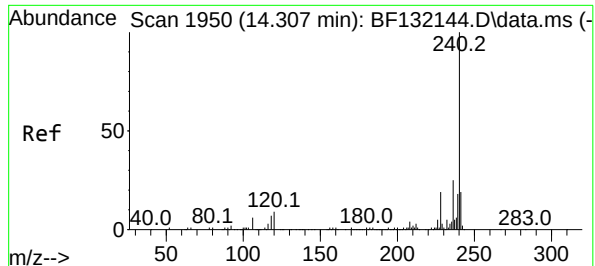
Ion Ratio Lower Upper

188 100

94 8.5 6.9 10.3

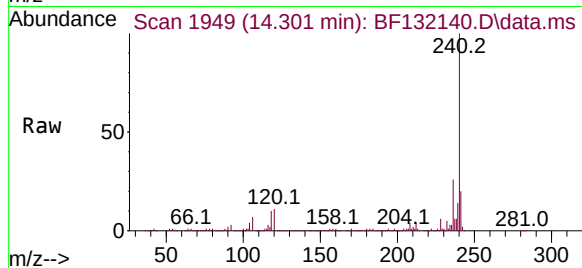
80 9.0 7.5 11.3



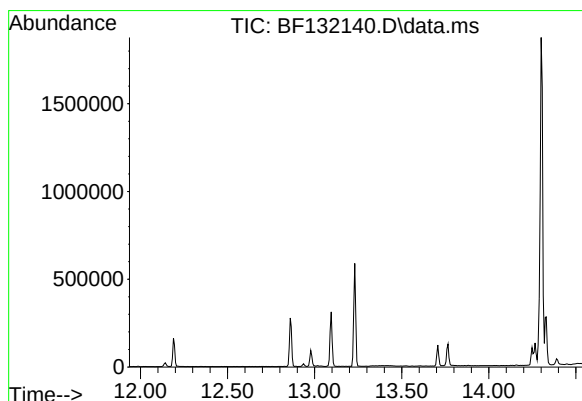
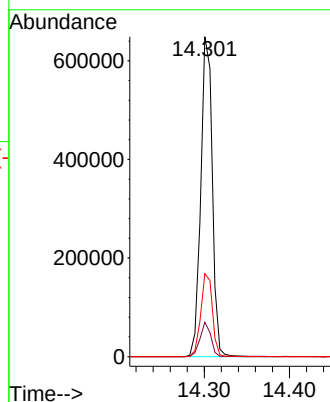
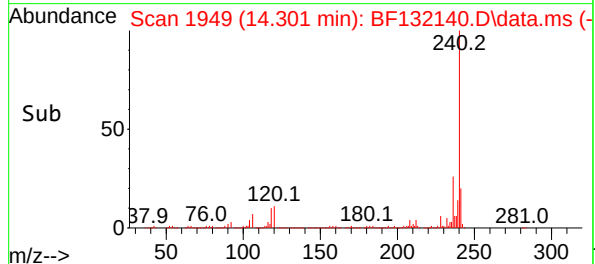


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.301 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BF132140.D
Acq: 19 Jan 2023 11:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



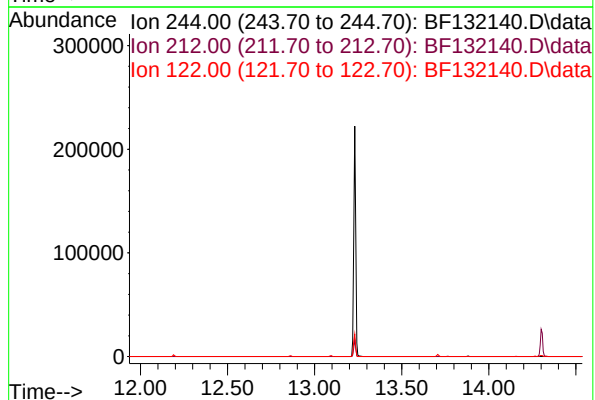
Tgt Ion:240 Resp: 608530
Ion Ratio Lower Upper
240 100
120 10.7 6.9 10.3#
236 25.9 20.3 30.5



#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 13.24 min

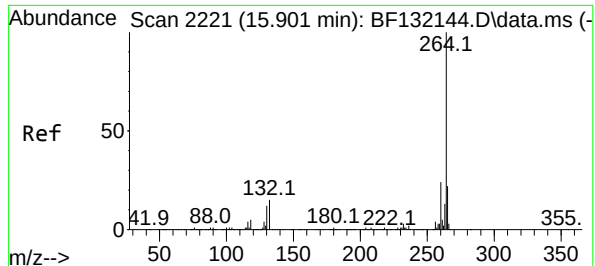
Lab File: BF132140.D
Acq: 19 Jan 2023 11:21

Tgt Ion: 244
Sig Exp Ratio
244 100
212 8.4
122 9.3



Ion 212.00 (211.70 to 212.70): BF132140.D\data

Ion 122.00 (121.70 to 122.70): BF132140.D\data



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.901 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF132140.D

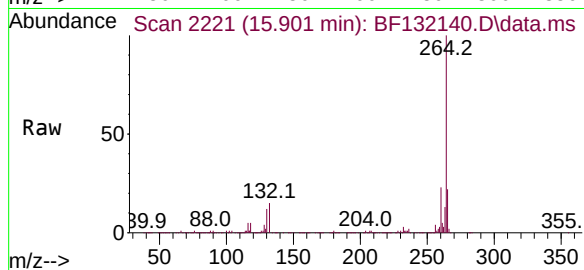
Acq: 19 Jan 2023 11:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



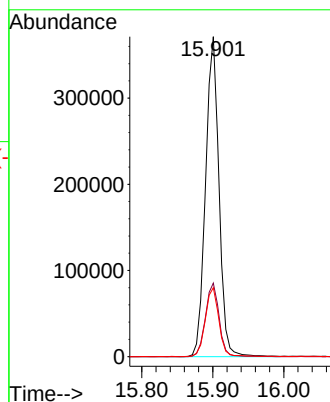
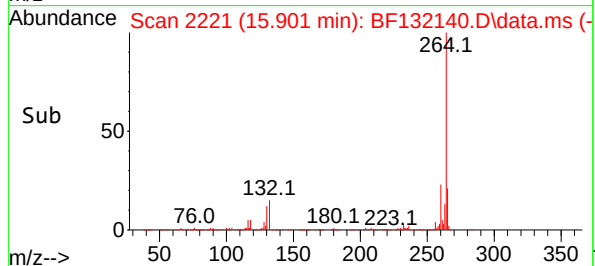
Tgt Ion:264 Resp: 485191

Ion Ratio Lower Upper

264 100

260 23.0 19.1 28.7

265 21.5 17.4 26.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011923\
 Data File : BF132141.D
 Acq On : 19 Jan 2023 11:53
 Operator : CG\JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/20/2023
 Supervised By : Jagrut Upadhyay 01/20/2023

Quant Time: Jan 20 00:09:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:07:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.090	152	182160	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	648667	20.000	ng	0.00
39) Acenaphthene-d10	10.142	164	352490	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	687824	20.000	ng	0.00
76) Chrysene-d12	14.301	240	485083	20.000	ng	0.00
86) Perylene-d12	15.901	264	352188	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.701	112	118505	11.364	ng	0.00
7) Phenol-d6	6.690	99	154497	11.770	ng	-0.01
23) Nitrobenzene-d5	7.643	82	117730	9.642	ng	-0.01
42) 2,4,6-Tribromophenol	10.931	330	34791	9.240	ng	0.00
45) 2-Fluorobiphenyl	9.448	172	294189	13.062	ng	0.00
79) Terphenyl-d14	13.230	244	334255	11.543	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.019	88	28431	5.382	ng	98
3) Pyridine	3.784	79	75755	5.342	ng	97
4) n-Nitrosodimethylamine	3.725	42	33278	4.989	ng	# 99
6) Aniline	6.748	93	102038	5.590	ng	93
8) 2-Chlorophenol	6.866	128	61537	5.614	ng	98
10) Phenol	6.701	94	78903	5.774	ng	95
11) bis(2-Chloroethyl)ether	6.813	93	66549	5.753	ng	96
12) 1,3-Dichlorobenzene	7.031	146	70845	5.782	ng	94
13) 1,4-Dichlorobenzene	7.107	146	70326	5.752	ng	97
14) 1,2-Dichlorobenzene	7.260	146	68086	6.023	ng	97
15) Benzyl Alcohol	7.213	79	51349	5.045	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.354	45	96505	5.740	ng	98
17) 2-Methylphenol	7.319	107	53355	5.556	ng	94
18) Hexachloroethane	7.607	117	22916	5.222	ng	96
19) n-Nitroso-di-n-propyla...	7.484	70	46218	5.748	ng	94
20) 3+4-Methylphenols	7.472	107	68721	5.679	ng	96
22) Acetophenone	7.490	105	93901	6.023	ng	# 97
24) Nitrobenzene	7.666	77	64350	4.977	ng	95
25) Isophorone	7.901	82	124332	5.204	ng	99
26) 2-Nitrophenol	7.984	139	15976	3.545	ng	97
27) 2,4-Dimethylphenol	8.007	122	54213	5.244	ng	96
28) bis(2-Chloroethoxy)met...	8.107	93	80663	5.627	ng	97
29) 2,4-Dichlorophenol	8.219	162	49213	5.014	ng	99
30) 1,2,4-Trichlorobenzene	8.313	180	62964	5.648	ng	97
31) Naphthalene	8.395	128	192118	5.767	ng	99
33) 4-Chloroaniline	8.437	127	80401	5.640	ng	98
34) Hexachlorobutadiene	8.513	225	40845	5.454	ng	99
35) Caprolactam	8.766	113	12224m	4.400	ng	
36) 4-Chloro-3-methylphenol	8.901	107	48436	4.904	ng	97
37) 2-Methylnaphthalene	9.089	142	134235	5.852	ng	99
38) 1-Methylnaphthalene	9.189	142	125517	5.881	ng	99
40) 1,2,4,5-Tetrachloroben...	9.254	216	69557	5.672	ng	98
43) 2,4,6-Trichlorophenol	9.360	196	34564	4.541	ng	95
44) 2,4,5-Trichlorophenol	9.395	196	41858	4.702	ng	94
46) 1,1'-Biphenyl	9.554	154	159760	5.745	ng	100
47) 2-Chloronaphthalene	9.584	162	120880	5.623	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011923\
 Data File : BF132141.D
 Acq On : 19 Jan 2023 11:53
 Operator : CG\JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/20/2023
 Supervised By : Jagrut Upadhyay 01/20/2023

Quant Time: Jan 20 00:09:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:07:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 2-Nitroaniline	9.672	65	21592	3.488	ng	96
49) Acenaphthylene	10.001	152	192093	5.586	ng	97
50) Dimethylphthalate	9.842	163	137683	5.393	ng	100
51) 2,6-Dinitrotoluene	9.907	165	19735	3.988	ng	# 82
52) Acenaphthene	10.172	154	115909	5.603	ng	98
53) 3-Nitroaniline	10.078	138	22536	4.260	ng	92
55) Dibenzofuran	10.348	168	183200	5.731	ng	96
56) 4-Nitrophenol	10.219	139	15152	3.935	ng	99
57) 2,4-Dinitrotoluene	10.313	165	23444	3.947	ng	# 85
58) Fluorene	10.689	166	142641	6.022	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.460	232	30336m	4.480	ng	
60) Diethylphthalate	10.548	149	131777	5.264	ng	99
61) 4-Chlorophenyl-phenyle...	10.683	204	73864	5.823	ng	93
62) 4-Nitroaniline	10.689	138	22739	4.617	ng	95
63) Azobenzene	10.842	77	140461	5.590	ng	97
66) n-Nitrosodiphenylamine	10.795	169	121302	5.507	ng	99
67) 4-Bromophenyl-phenylether	11.178	248	44657	5.327	ng	92
68) Hexachlorobenzene	11.242	284	44794	5.376	ng	98
69) Atrazine	11.319	200	34994	5.149	ng	99
70) Pentachlorophenol	11.430	266	21134	3.947	ng	91
71) Phenanthrene	11.666	178	211702	5.865	ng	98
72) Anthracene	11.713	178	213968	5.859	ng	97
73) Carbazole	11.866	167	179791	5.764	ng	98
74) Di-n-butylphthalate	12.189	149	175501	5.054	ng	99
75) Fluoranthene	12.860	202	223006	6.015	ng	98
77) Benzidine	12.977	184	73637	5.056	ng	98
78) Pyrene	13.095	202	231080	5.169	ng	100
80) Butylbenzylphthalate	13.707	149	43698	3.373	ng	96
81) Benzo(a)anthracene	14.289	228	176274	5.087	ng	98
82) 3,3'-Dichlorobenzidine	14.248	252	37640	3.900	ng	99
83) Chrysene	14.324	228	176738	5.358	ng	98
84) Bis(2-ethylhexyl)phtha...	14.266	149	57226	3.345	ng	99
87) Indeno(1,2,3-cd)pyrene	17.548	276	96216	3.765	ng	98
88) Benzo(b)fluoranthene	15.413	252	113397	5.288	ng	99
89) Benzo(k)fluoranthene	15.448	252	117601	5.377	ng	99
90) Benzo(a)pyrene	15.824	252	98927	4.796	ng	95
91) Dibenzo(a,h)anthracene	17.577	278	81546	3.912	ng	99
92) Benzo(g,h,i)perylene	18.054	276	81471	3.715	ng	# 94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

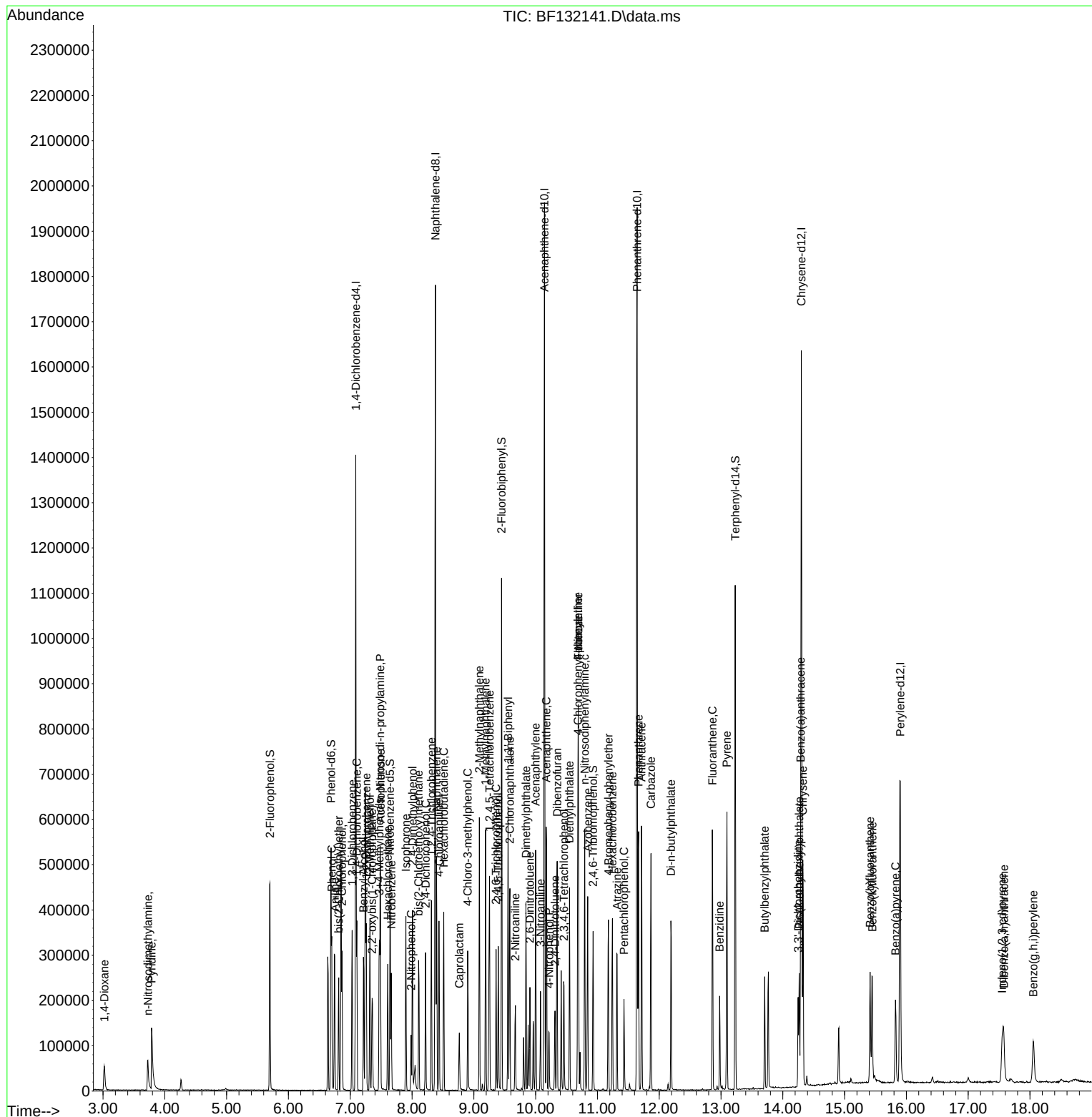
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011923\
Data File : BF132141.D
Acq On : 19 Jan 2023 11:53
Operator : CG\JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

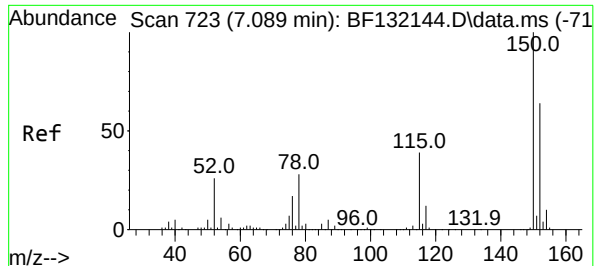
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jaqrut Upadhyay 01/20/2023

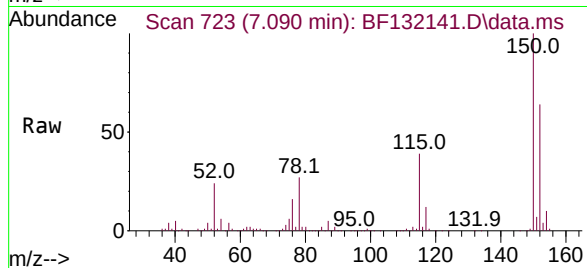
Quant Time: Jan 20 00:09:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 20 00:07:35 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.090 min Scan# 723
Delta R.T. 0.001 min
Lab File: BF132141.D
Acq: 19 Jan 2023 11:53

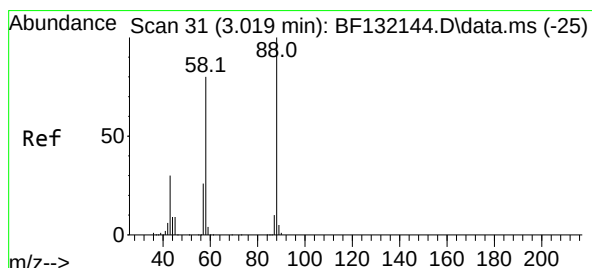
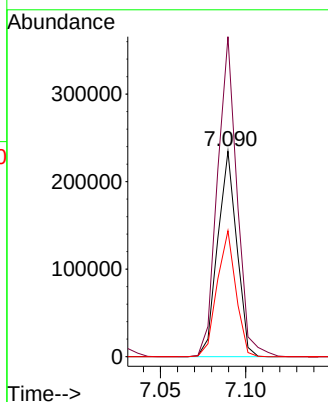
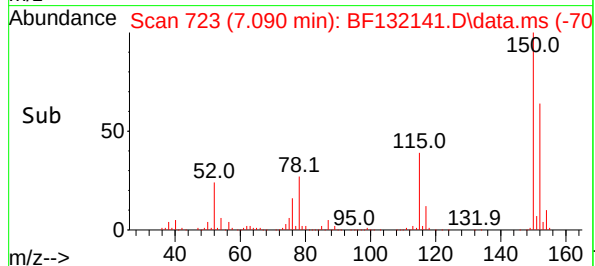
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion: 152 Resp: 182160
Ion Ratio Lower Upper
152 100
150 155.8 125.8 188.8
115 61.3 49.2 73.8

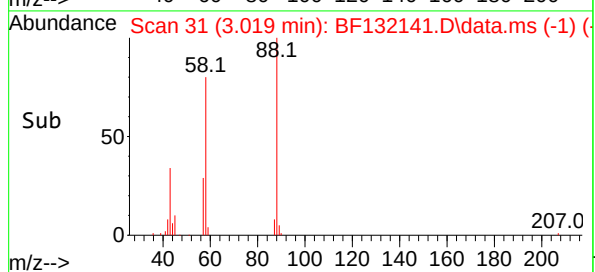
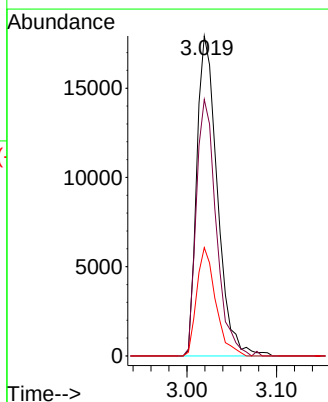
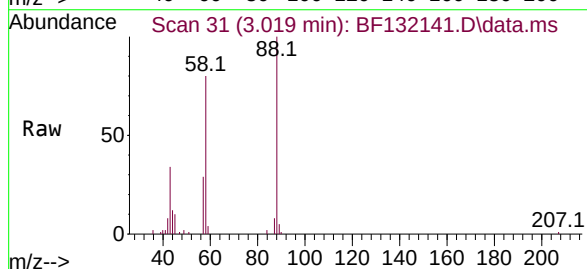
Manual Integrations
APPROVED

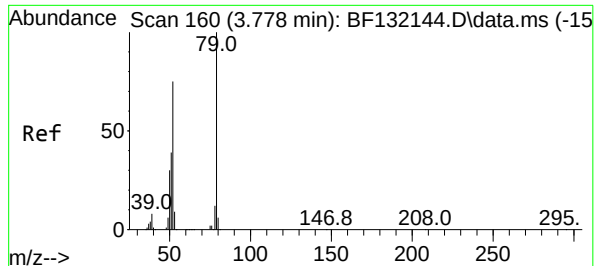
Reviewed By : Christian Giraldo 01/20/2023
Supervised By : Jagrut Upadhyay 01/20/2023



#2
1,4-Dioxane
Concen: 5.382 ng
RT: 3.019 min Scan# 31
Delta R.T. 0.000 min
Lab File: BF132141.D
Acq: 19 Jan 2023 11:53

Tgt Ion: 88 Resp: 28431
Ion Ratio Lower Upper
88 100
58 77.6 64.0 96.0
43 31.3 24.2 36.4





#3

Pyridine

Concen: 5.342 ng

RT: 3.784 min Scan# 10

Delta R.T. 0.006 min

Lab File: BF132141.D

Acq: 19 Jan 2023 11:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion: 79 Resp: 7575

Ion Ratio Lower Upper

79 100

52 73.7 60.1 90.1

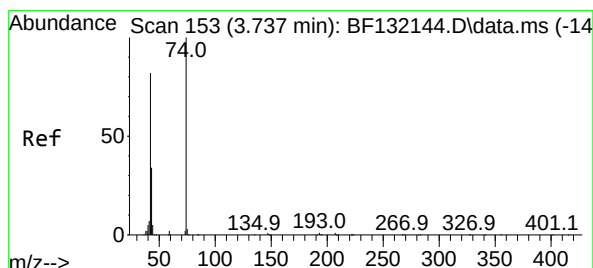
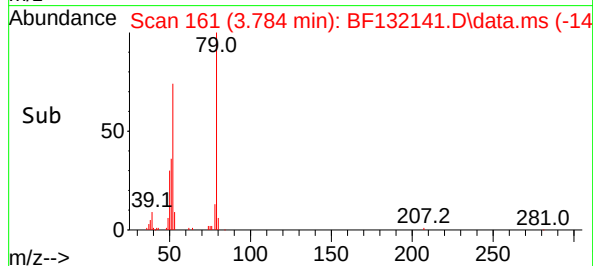
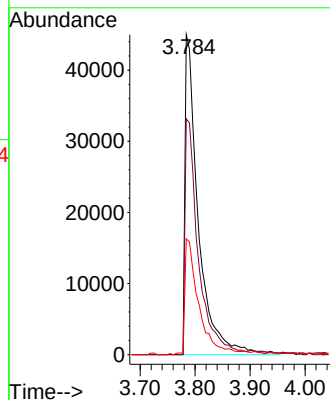
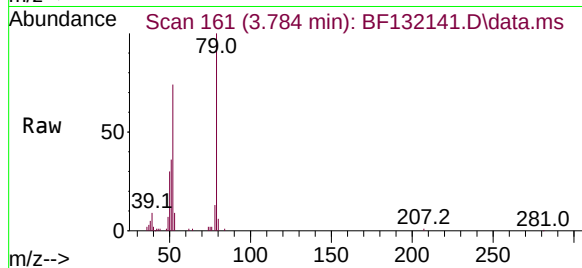
51 36.2 31.4 47.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#4

n-Nitrosodimethylamine

Concen: 4.989 ng

RT: 3.725 min Scan# 151

Delta R.T. -0.012 min

Lab File: BF132141.D

Acq: 19 Jan 2023 11:53

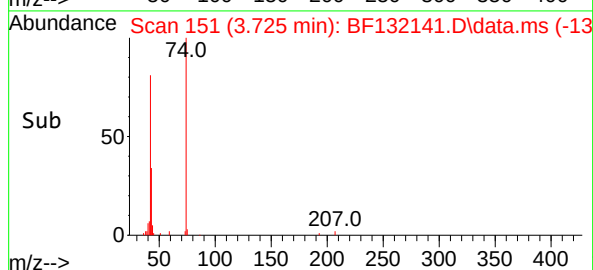
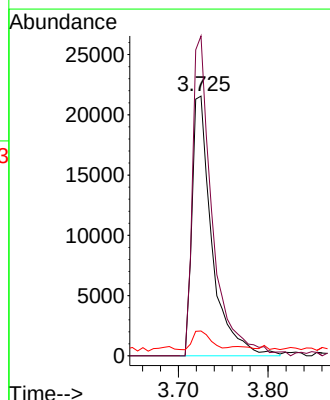
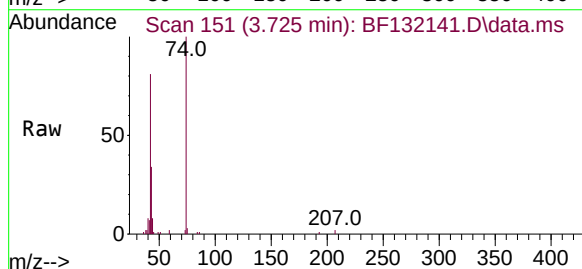
Tgt Ion: 42 Resp: 33278

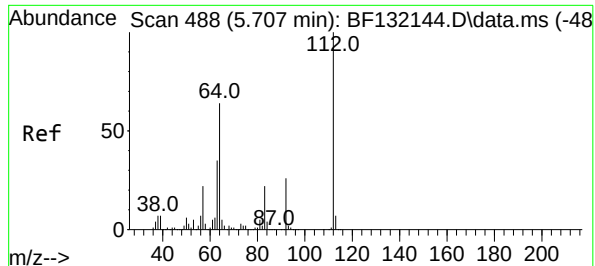
Ion Ratio Lower Upper

42 100

74 123.2 98.1 147.1

44 9.6 5.2 7.8#





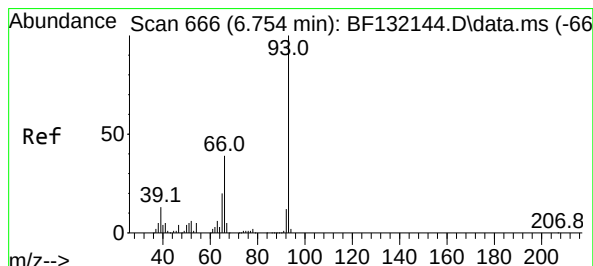
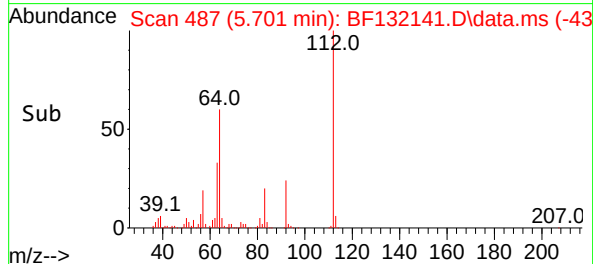
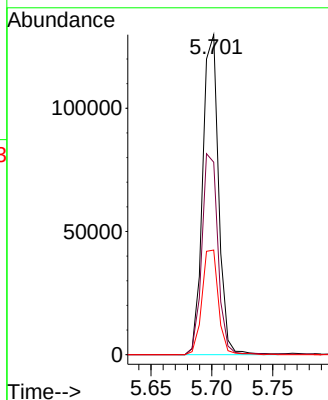
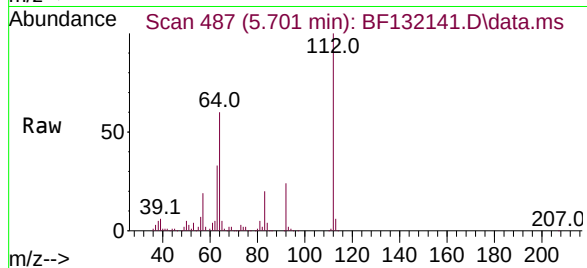
#5
2-Fluorophenol
Concen: 11.364 ng
RT: 5.701 min Scan# 488
Delta R.T. -0.006 min
Lab File: BF132141.D
Acq: 19 Jan 2023 11:53

Instrument :
BNA_F
Client SampleId :
SSTDICC005

Tgt Ion: 112 Resp: 118505
Ion Ratio Lower Upper
112 100
64 60.1 51.4 77.0
63 32.7 28.2 42.2

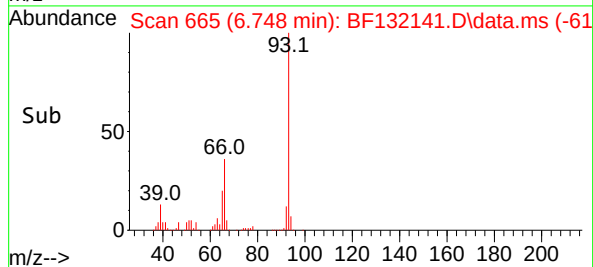
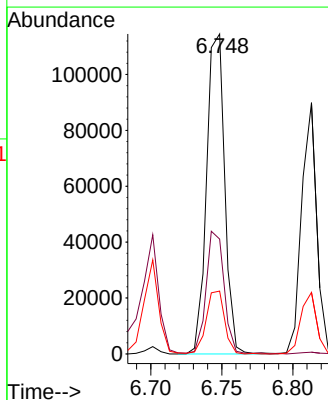
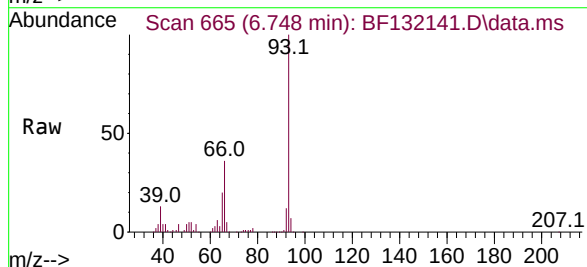
Manual Integrations
APPROVED

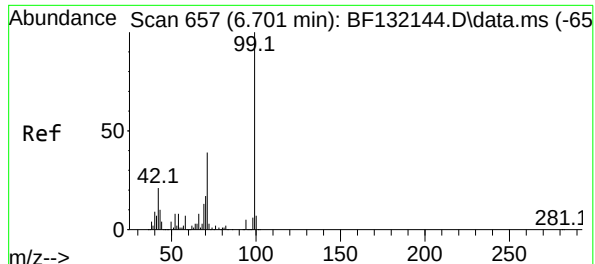
Reviewed By : Christian Giraldo 01/20/2023
Supervised By : Jagrut Upadhyay 01/20/2023



#6
Aniline
Concen: 5.590 ng
RT: 6.748 min Scan# 665
Delta R.T. -0.006 min
Lab File: BF132141.D
Acq: 19 Jan 2023 11:53

Tgt Ion: 93 Resp: 102038
Ion Ratio Lower Upper
93 100
66 35.9 33.0 49.6
65 19.6 16.8 25.2





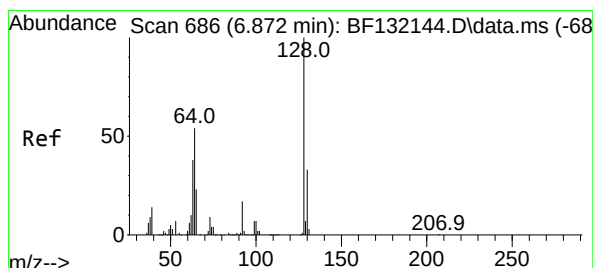
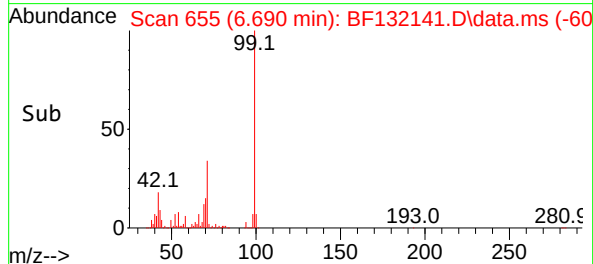
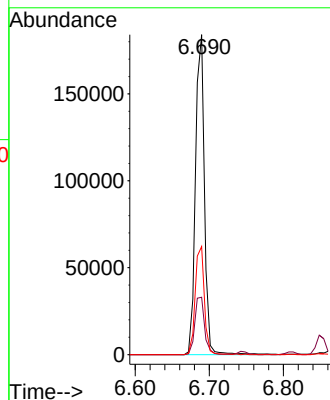
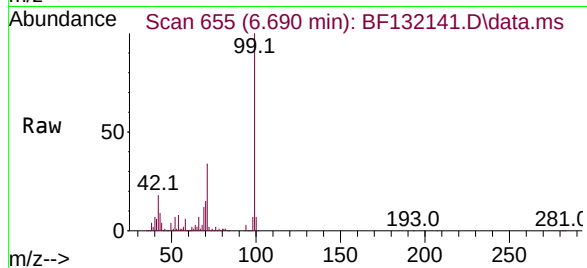
#7
Phenol-d6
Concen: 11.770 ng
RT: 6.690 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF132141.D
Acq: 19 Jan 2023 11:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 99 Resp: 15449
Ion Ratio Lower Upper
99 100
42 17.9 16.6 24.8
71 33.8 30.8 46.2

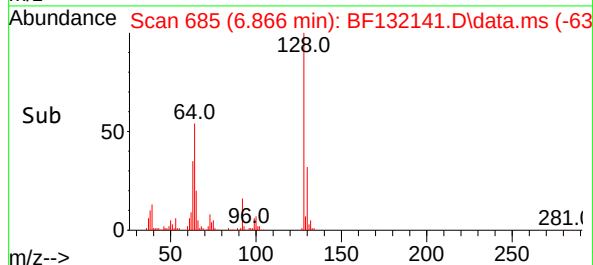
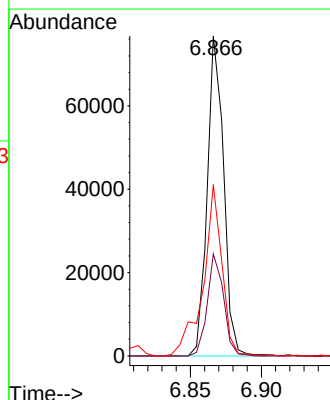
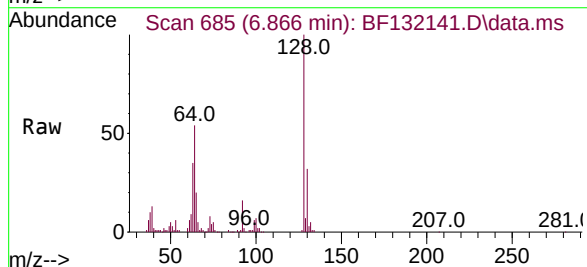
Manual Integrations
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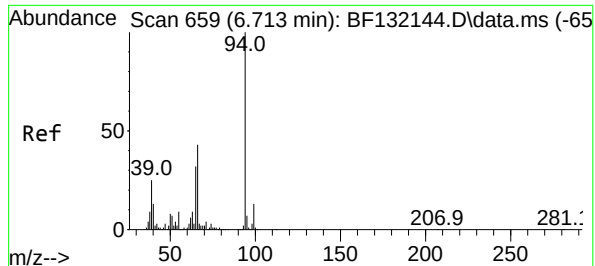
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#8
2-Chlorophenol
Concen: 5.614 ng
RT: 6.866 min Scan# 685
Delta R.T. -0.006 min
Lab File: BF132141.D
Acq: 19 Jan 2023 11:53

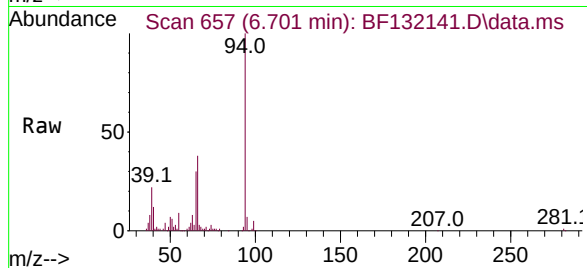
Tgt Ion:128 Resp: 61537
Ion Ratio Lower Upper
128 100
130 31.9 12.8 52.8
64 53.5 34.8 74.8





#10
Phenol
Concen: 5.774 ng
RT: 6.701 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF132141.D
Acq: 19 Jan 2023 11:53

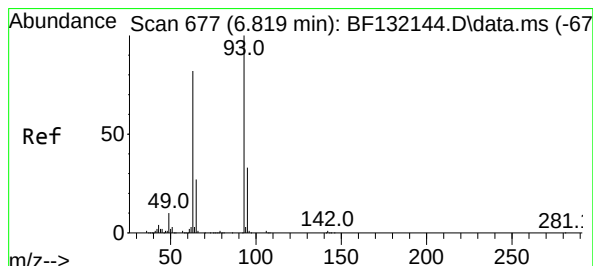
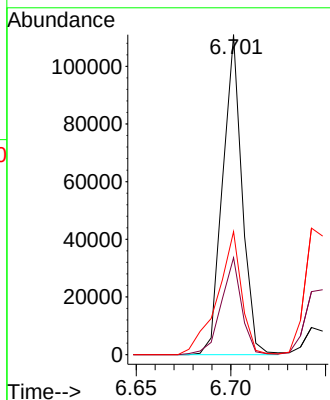
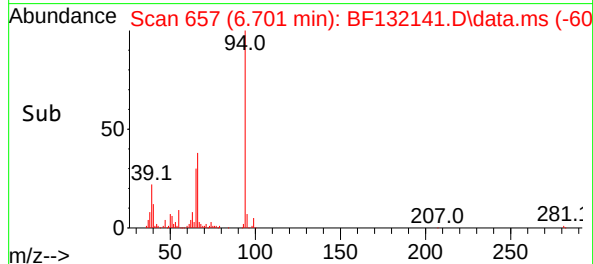
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion: 94 Resp: 78903
Ion Ratio Lower Upper
94 100
65 30.3 12.0 52.0
66 38.4 22.7 62.7

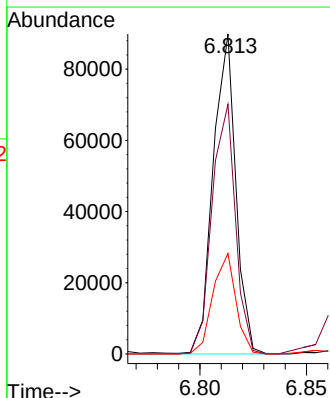
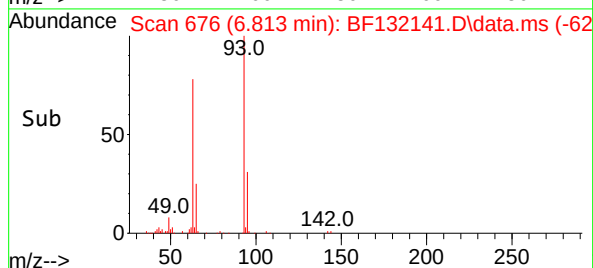
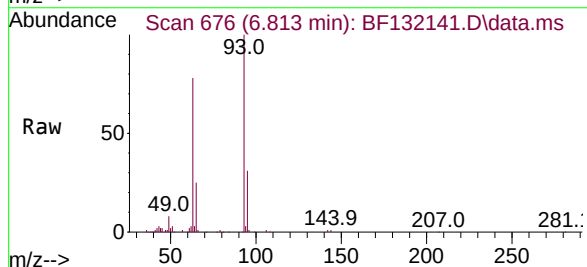
Manual Integrations
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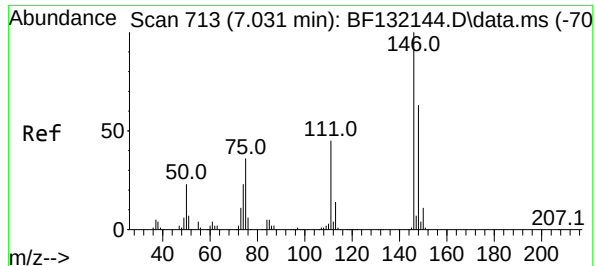
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#11
bis(2-Chloroethyl)ether
Concen: 5.753 ng
RT: 6.813 min Scan# 676
Delta R.T. -0.006 min
Lab File: BF132141.D
Acq: 19 Jan 2023 11:53

Tgt Ion: 93 Resp: 66549
Ion Ratio Lower Upper
93 100
63 78.0 61.6 101.6
95 31.4 12.7 52.7





#12

1,3-Dichlorobenzene

Concen: 5.782 ng

RT: 7.031 min Scan# 713

Delta R.T. 0.000 min

Lab File: BF132141.D

Acq: 19 Jan 2023 11:53

Instrument :

BNA_F

ClientSampleId :

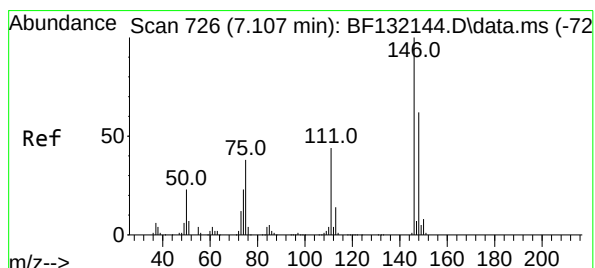
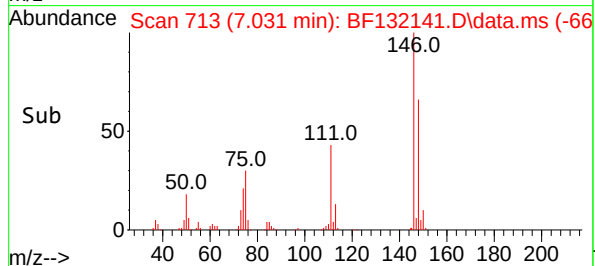
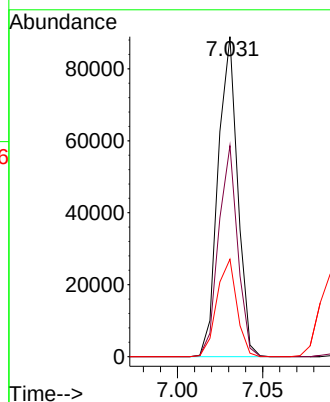
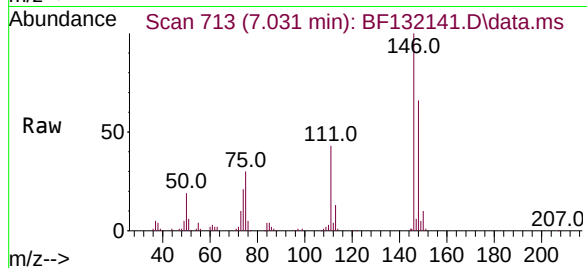
SSTDICC005

Tgt Ion:	146	Resp:	70845
Ion Ratio	Lower	Upper	
146	100		
148	65.9	50.0	75.0
75	30.4	28.8	43.2

Manual Integrations

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Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#13

1,4-Dichlorobenzene

Concen: 5.752 ng

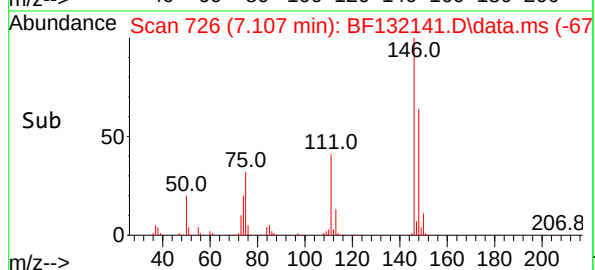
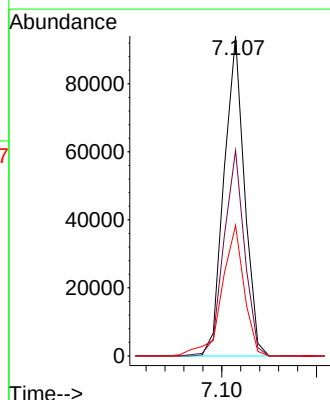
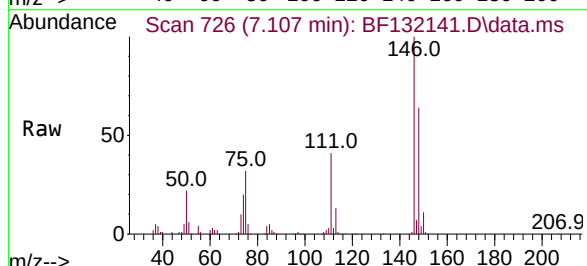
RT: 7.107 min Scan# 726

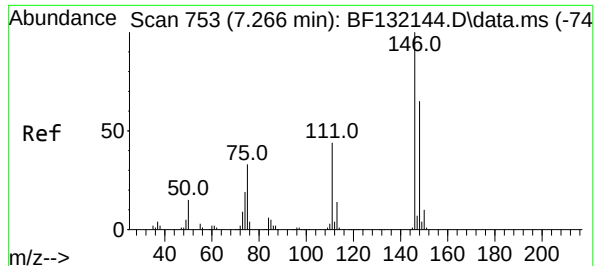
Delta R.T. 0.000 min

Lab File: BF132141.D

Acq: 19 Jan 2023 11:53

Tgt Ion:	146	Resp:	70326
Ion Ratio	Lower	Upper	
146	100		
148	64.2	49.9	74.9
111	40.8	35.2	52.8





#14

1,2-Dichlorobenzene

Concen: 6.023 ng

RT: 7.260 min Scan# 744

Delta R.T. -0.006 min

Lab File: BF132141.D

Acq: 19 Jan 2023 11:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:146 Resp: 68086

Ion Ratio Lower Upper

146 100

148 63.0 52.0 78.0

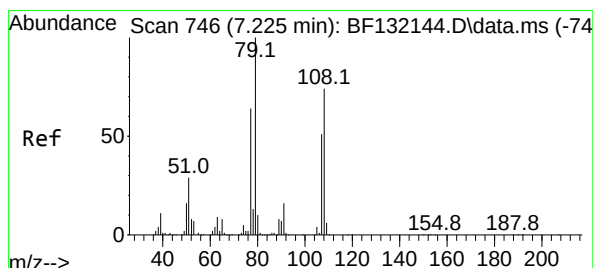
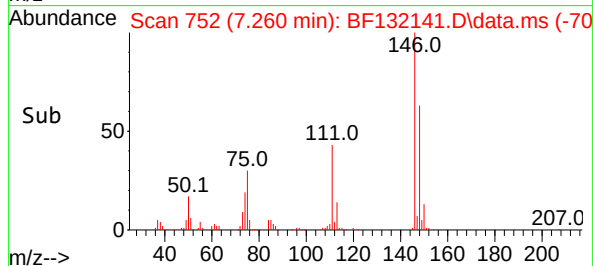
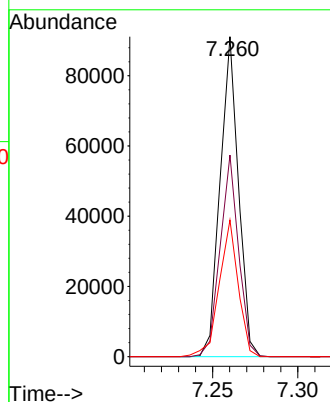
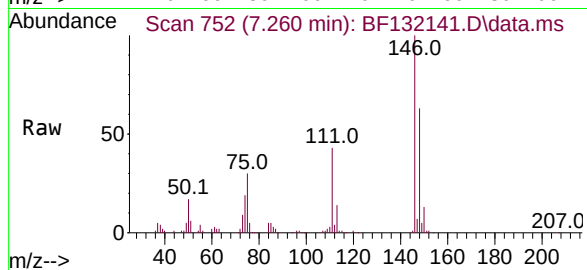
111 42.7 35.4 53.2

Manual Integrations

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#15

Benzyl Alcohol

Concen: 5.045 ng

RT: 7.213 min Scan# 744

Delta R.T. -0.012 min

Lab File: BF132141.D

Acq: 19 Jan 2023 11:53

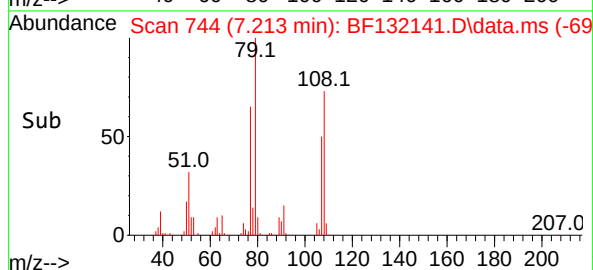
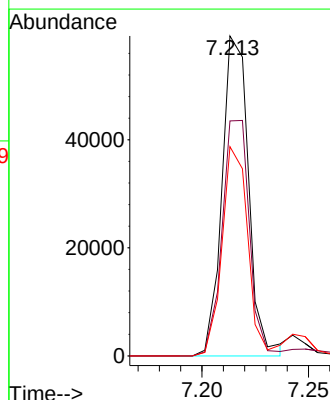
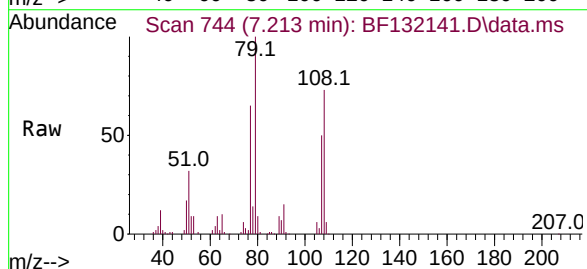
Tgt Ion: 79 Resp: 51349

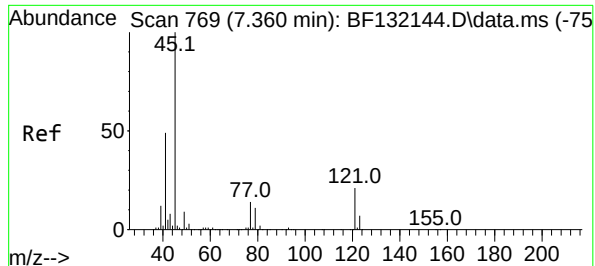
Ion Ratio Lower Upper

79 100

108 73.4 58.9 88.3

77 65.4 51.1 76.7





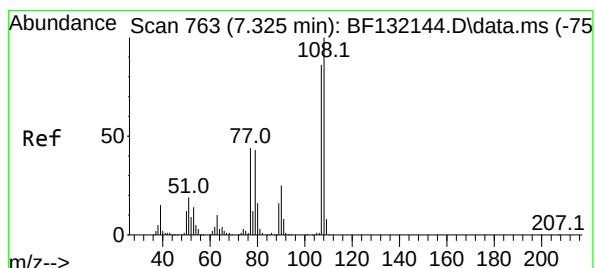
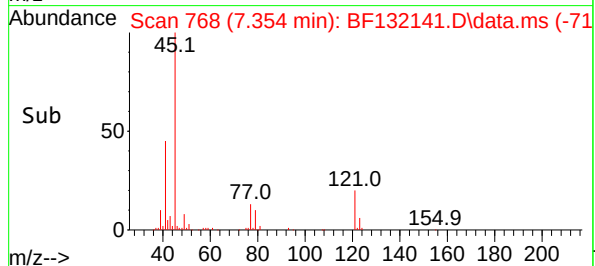
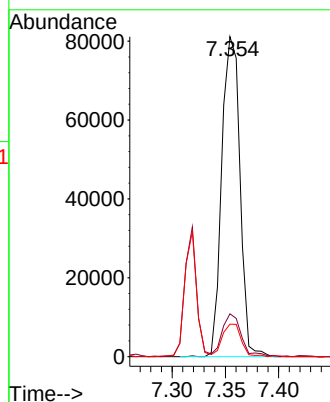
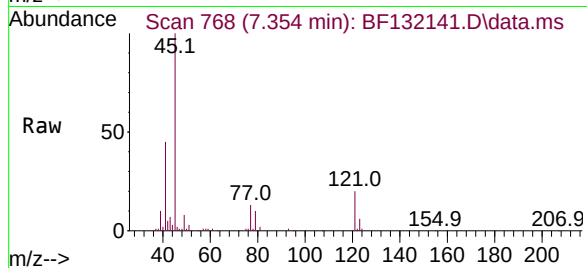
#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.740 ng
RT: 7.354 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF132141.D
Acq: 19 Jan 2023 11:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 45 Resp: 96505
Ion Ratio Lower Upper
45 100
77 13.4 0.0 34.3
79 10.1 0.0 30.9

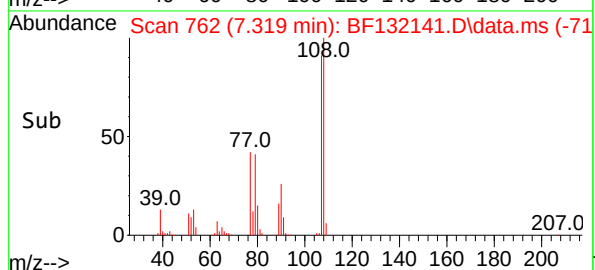
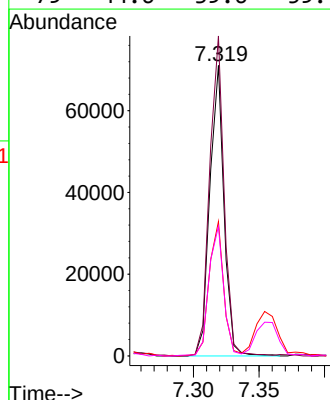
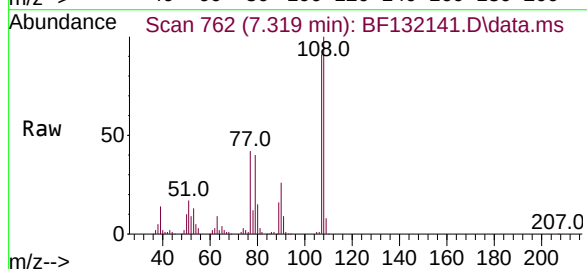
Manual Integrations
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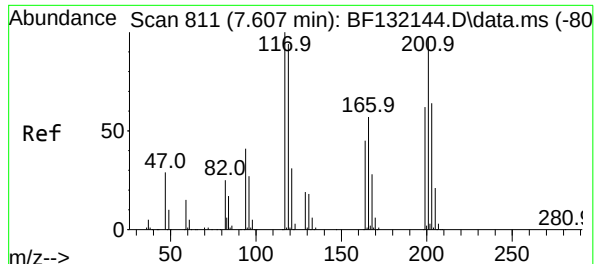
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#17
2-Methylphenol
Concen: 5.556 ng
RT: 7.319 min Scan# 762
Delta R.T. -0.006 min
Lab File: BF132141.D
Acq: 19 Jan 2023 11:53

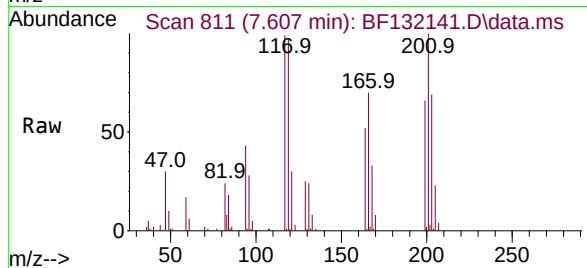
Tgt Ion:107 Resp: 53355
Ion Ratio Lower Upper
107 100
108 110.2 92.8 139.2
77 46.3 41.1 61.7
79 44.6 39.6 59.4





#18
Hexachloroethane
Concen: 5.222 ng
RT: 7.607 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF132141.D
Acq: 19 Jan 2023 11:53

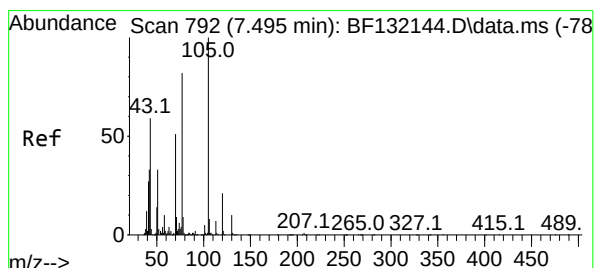
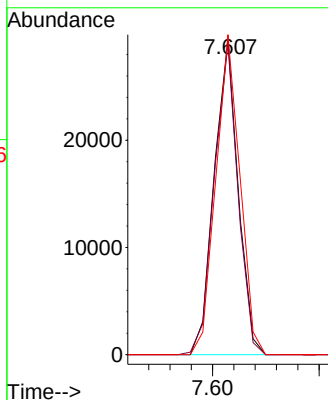
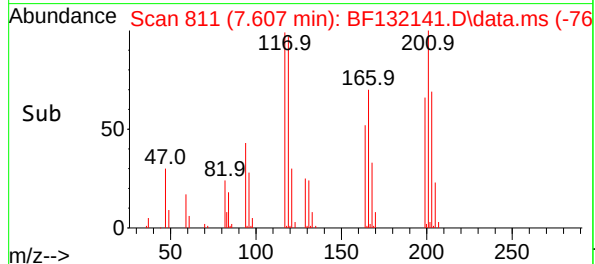
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



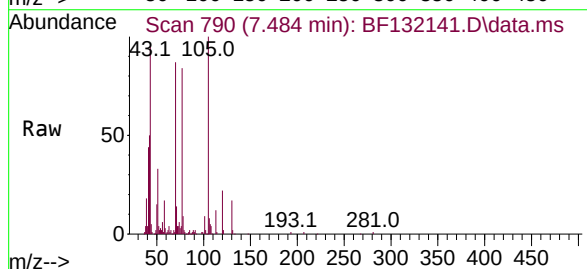
Tgt Ion:117 Resp: 22916
Ion Ratio Lower Upper
117 100
119 98.4 75.4 113.0
201 101.3 77.9 116.9

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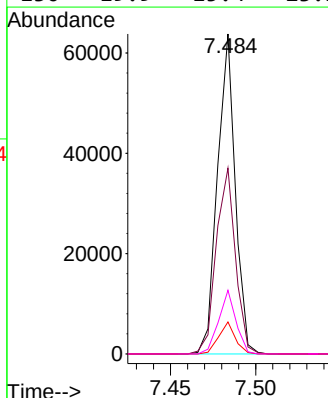
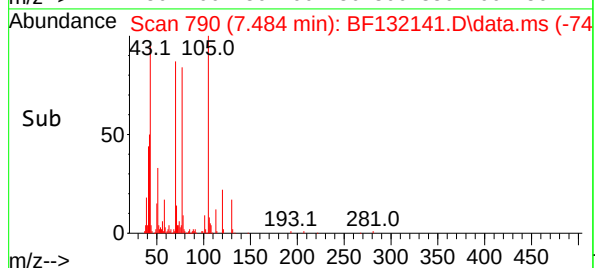
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

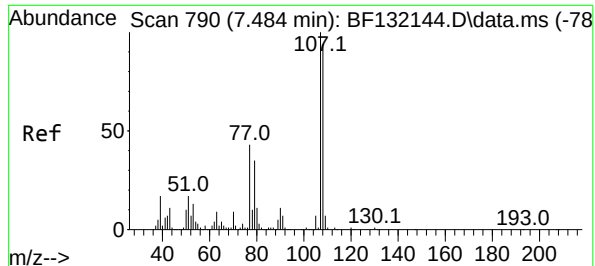


#19
n-Nitroso-di-n-propylamine
Concen: 5.748 ng
RT: 7.484 min Scan# 790
Delta R.T. -0.012 min
Lab File: BF132141.D
Acq: 19 Jan 2023 11:53



Tgt Ion: 70 Resp: 46218
Ion Ratio Lower Upper
70 100
42 58.0 51.0 76.4
101 10.0 7.3 10.9
130 19.9 15.4 23.2





#20

3+4-Methylphenols

Concen: 5.679 ng

RT: 7.472 min Scan# 788

Delta R.T. -0.012 min

Lab File: BF132141.D

Acq: 19 Jan 2023 11:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:107 Resp: 6872

Ion Ratio Lower Upper

107 100

108 94.2 73.8 113.8

77 36.7 22.8 62.8

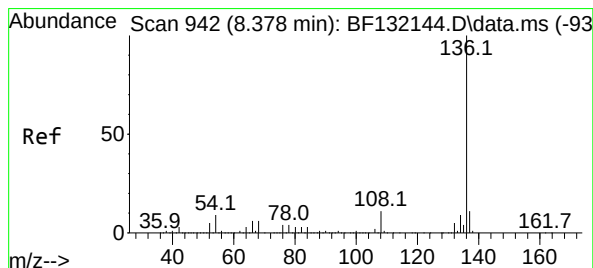
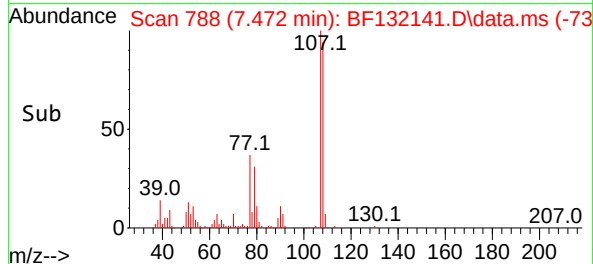
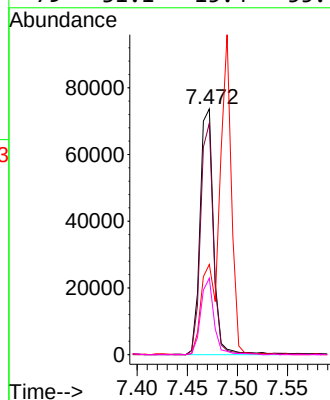
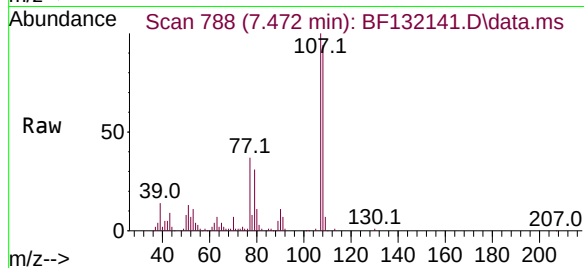
79 31.1 15.4 55.4

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.378 min Scan# 942

Delta R.T. -0.000 min

Lab File: BF132141.D

Acq: 19 Jan 2023 11:53

Tgt Ion:136 Resp: 648667

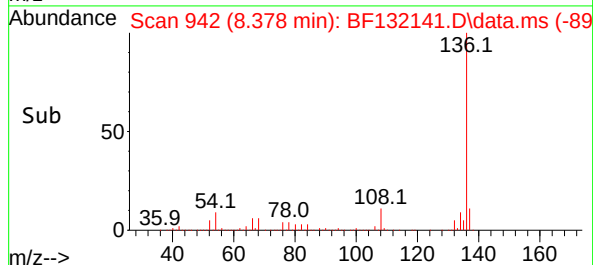
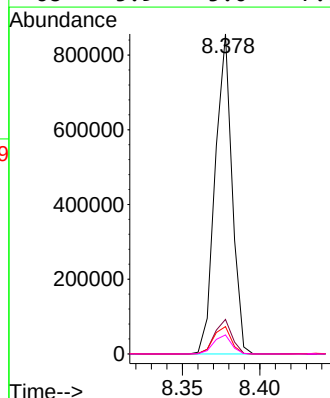
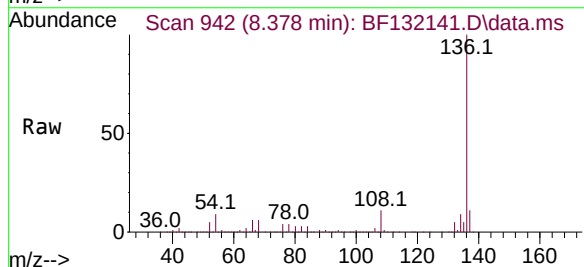
Ion Ratio Lower Upper

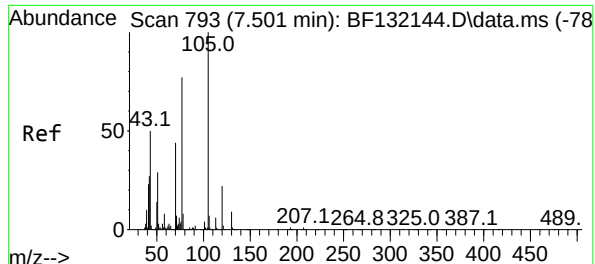
136 100

137 10.8 8.9 13.3

54 8.6 7.0 10.6

68 5.9 5.0 7.6





#22

Acetophenone

Concen: 6.023 ng

RT: 7.490 min Scan# 793

Delta R.T. -0.012 min

Lab File: BF132141.D

Acq: 19 Jan 2023 11:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:105 Resp: 93901

Ion Ratio Lower Upper

105 100

71 3.0 5.8 8.6

51 28.1 23.0 34.6

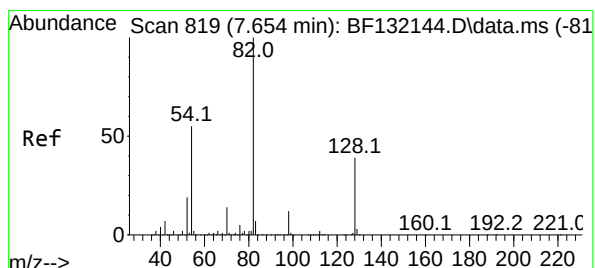
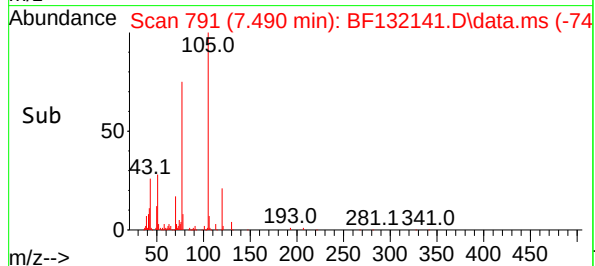
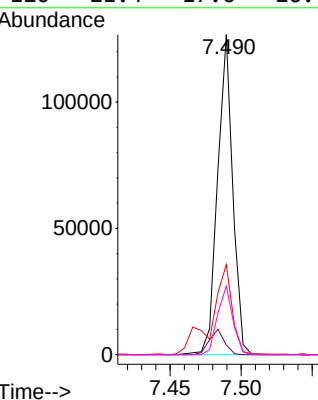
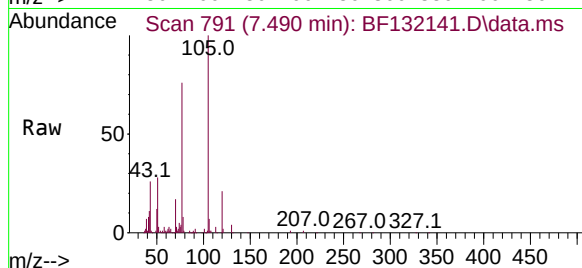
120 21.4 17.6 26.4

Manual Integrations

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Supervised By :Jagrut Upadhyay 01/20/2023



#23

Nitrobenzene-d5

Concen: 9.642 ng

RT: 7.643 min Scan# 817

Delta R.T. -0.012 min

Lab File: BF132141.D

Acq: 19 Jan 2023 11:53

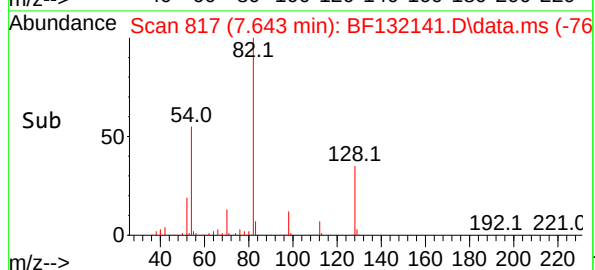
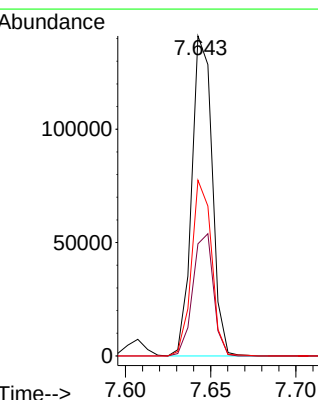
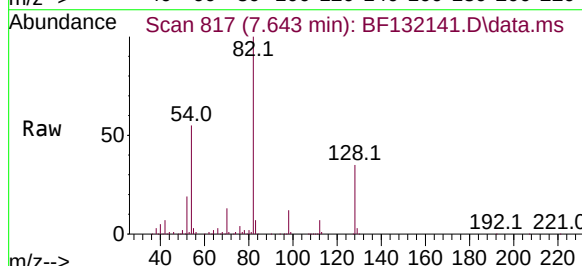
Tgt Ion: 82 Resp: 117730

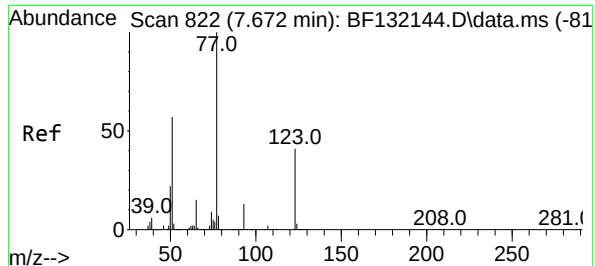
Ion Ratio Lower Upper

82 100

128 35.0 31.1 46.7

54 54.9 43.9 65.9





#24

Nitrobenzene

Concen: 4.977 ng

RT: 7.666 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF132141.D

Acq: 19 Jan 2023 11:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion: 77 Resp: 64350

Ion Ratio Lower Upper

77 100

123 44.3 33.1 49.7

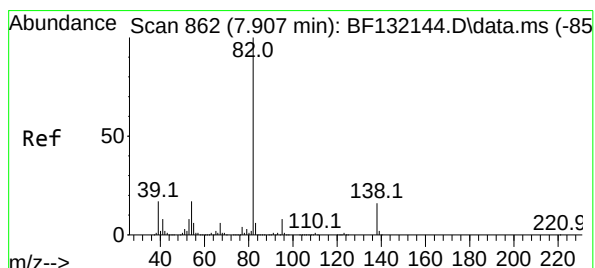
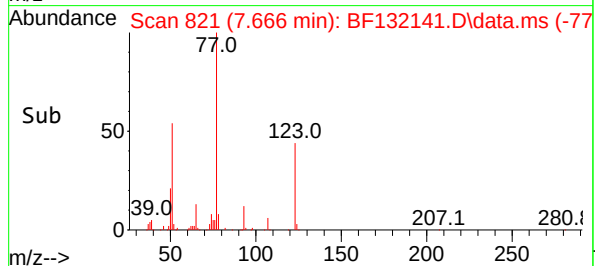
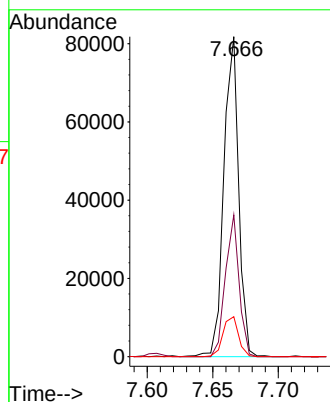
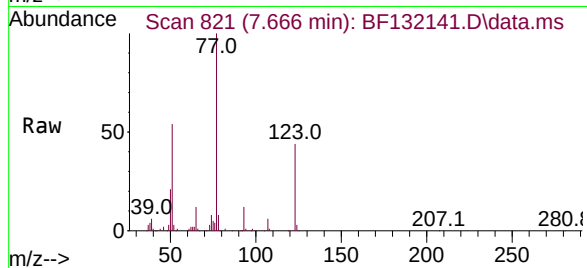
65 12.5 11.7 17.5

Manual Integrations

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#25

Isophorone

Concen: 5.204 ng

RT: 7.901 min Scan# 861

Delta R.T. -0.006 min

Lab File: BF132141.D

Acq: 19 Jan 2023 11:53

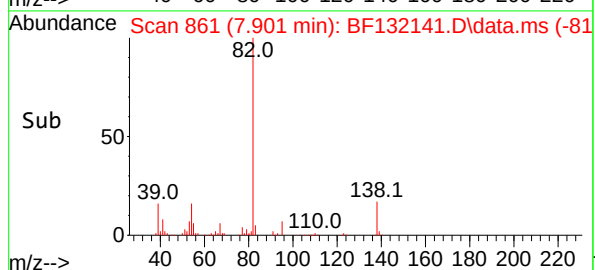
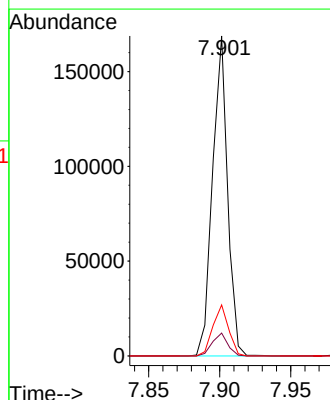
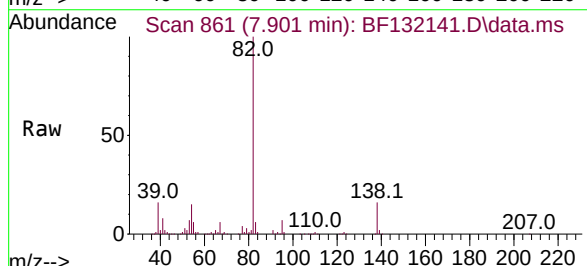
Tgt Ion: 82 Resp: 124332

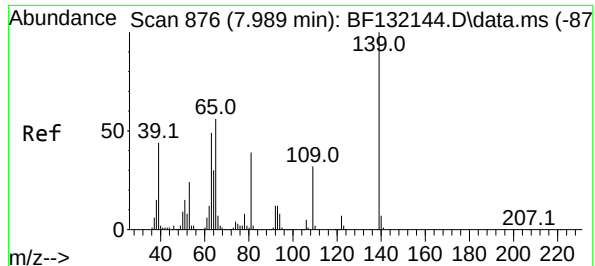
Ion Ratio Lower Upper

82 100

95 7.1 6.2 9.2

138 15.9 12.9 19.3





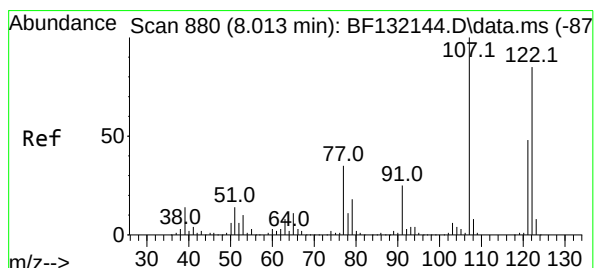
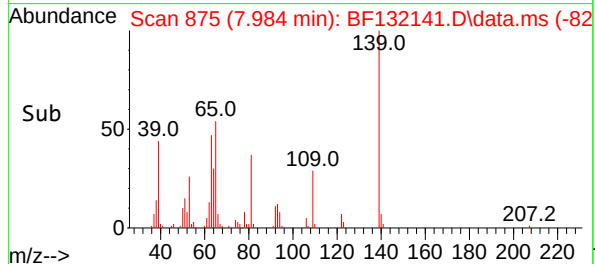
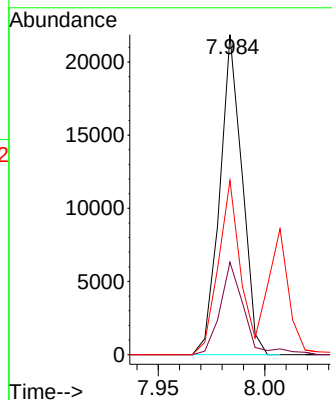
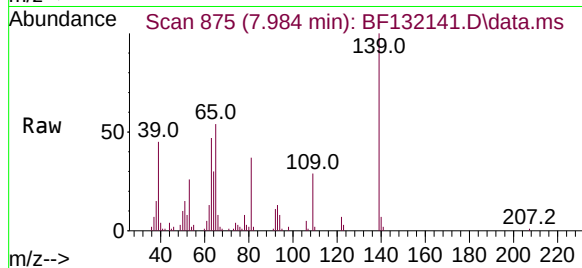
#26
2-Nitrophenol
Concen: 3.545 ng
RT: 7.984 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF132141.D
Acq: 19 Jan 2023 11:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:139 Resp: 15976
Ion Ratio Lower Upper
139 100
109 28.9 25.8 38.8
65 54.4 44.6 66.8

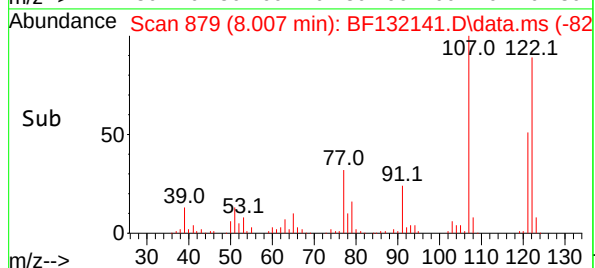
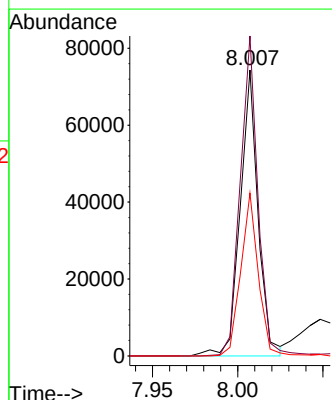
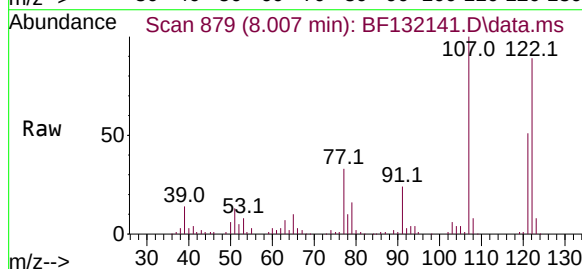
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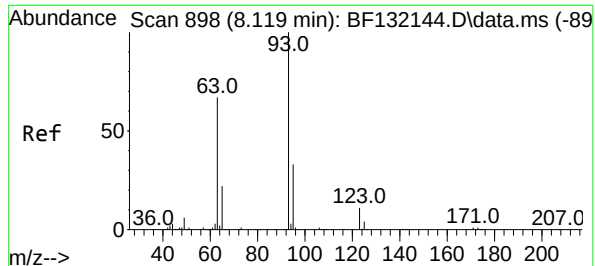
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#27
2,4-Dimethylphenol
Concen: 5.244 ng
RT: 8.007 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF132141.D
Acq: 19 Jan 2023 11:53

Tgt Ion:122 Resp: 54213
Ion Ratio Lower Upper
122 100
107 112.0 94.2 141.4
121 56.9 45.6 68.4





#28

bis(2-Chloroethoxy)methane

Concen: 5.627 ng

RT: 8.107 min Scan# 898

Delta R.T. -0.012 min

Lab File: BF132141.D

Acq: 19 Jan 2023 11:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion: 93 Resp: 80663

Ion Ratio Lower Upper

93 100

95 31.3 26.2 39.2

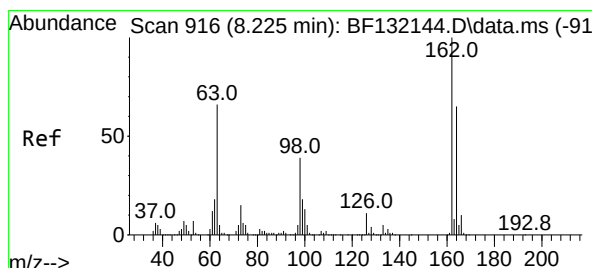
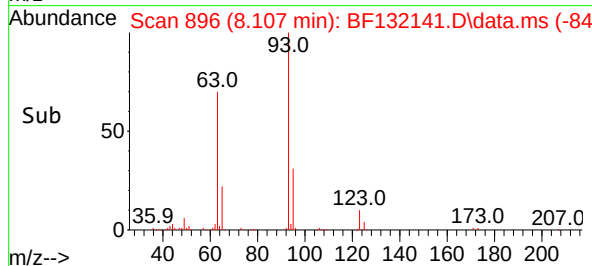
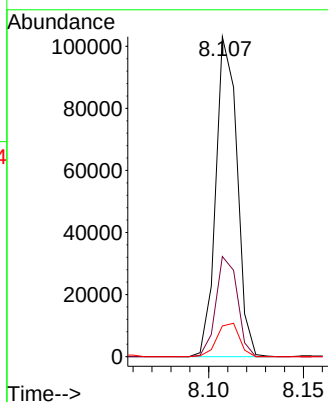
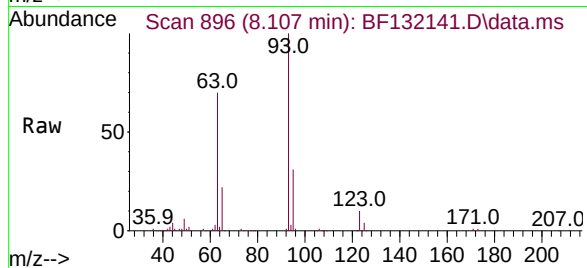
123 9.6 9.1 13.7

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Supervised By :Jagrut Upadhyay 01/20/2023



#29

2,4-Dichlorophenol

Concen: 5.014 ng

RT: 8.219 min Scan# 915

Delta R.T. -0.006 min

Lab File: BF132141.D

Acq: 19 Jan 2023 11:53

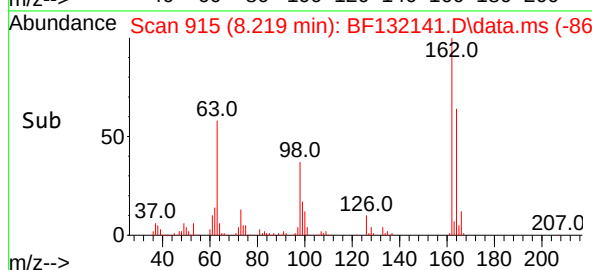
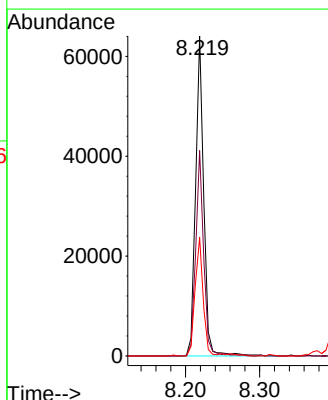
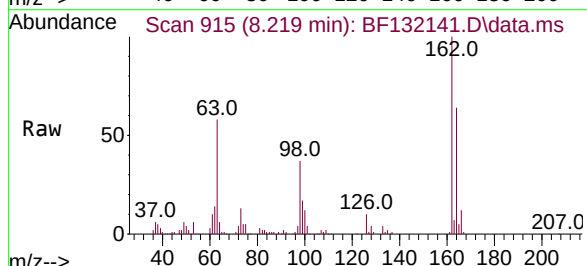
Tgt Ion:162 Resp: 49213

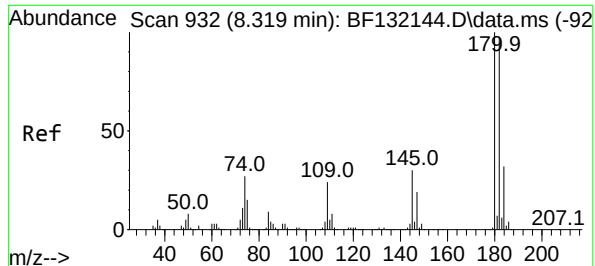
Ion Ratio Lower Upper

162 100

164 64.2 44.7 84.7

98 37.0 18.8 58.8





#30

1,2,4-Trichlorobenzene

Concen: 5.648 ng

RT: 8.313 min Scan# 931

Delta R.T. -0.006 min

Lab File: BF132141.D

Acq: 19 Jan 2023 11:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:180 Resp: 62964

Ion Ratio Lower Upper

180 100

182 93.2 77.4 116.0

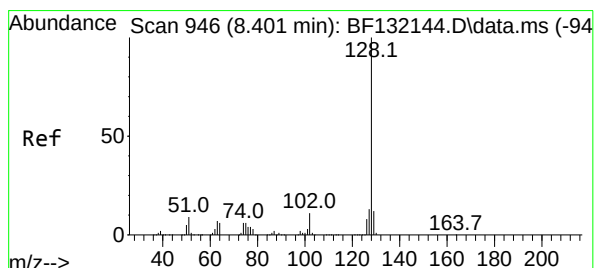
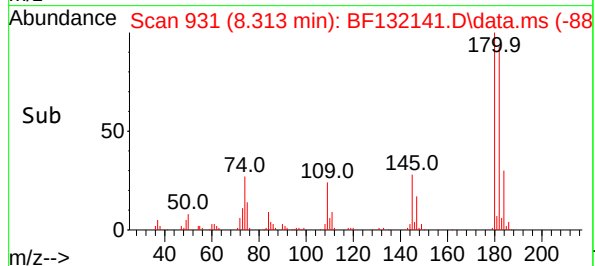
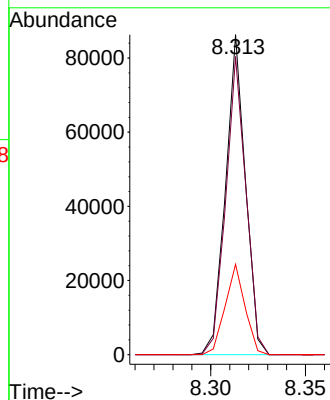
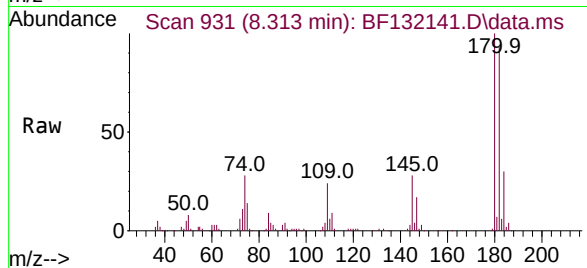
145 28.2 23.8 35.6

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#31

Naphthalene

Concen: 5.767 ng

RT: 8.395 min Scan# 945

Delta R.T. -0.006 min

Lab File: BF132141.D

Acq: 19 Jan 2023 11:53

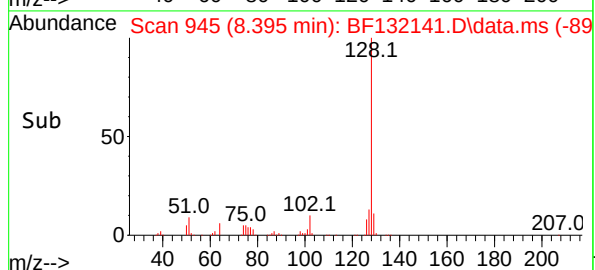
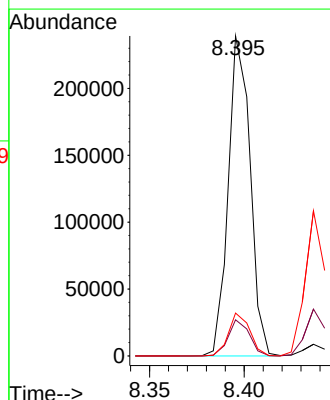
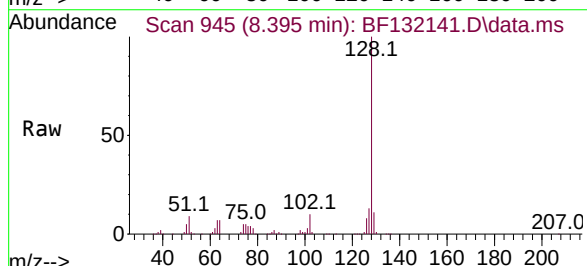
Tgt Ion:128 Resp: 192118

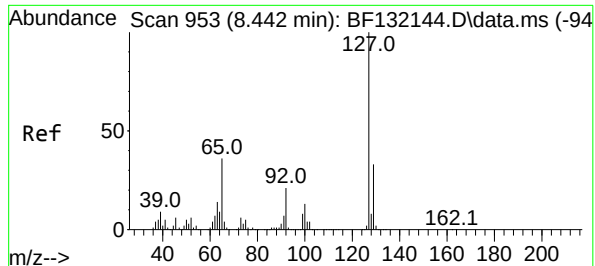
Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

127 13.4 10.6 15.8





#33

4-Chloroaniline

Concen: 5.640 ng

RT: 8.437 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF132141.D

Acq: 19 Jan 2023 11:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:127 Resp: 8040

Ion Ratio Lower Upper

127 100

129 32.3 26.0 39.0

65 33.7 28.4 42.6

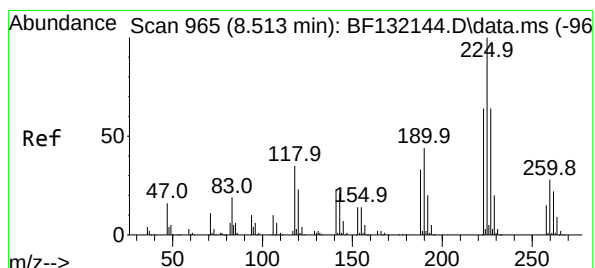
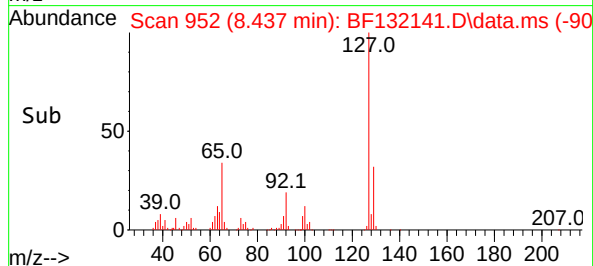
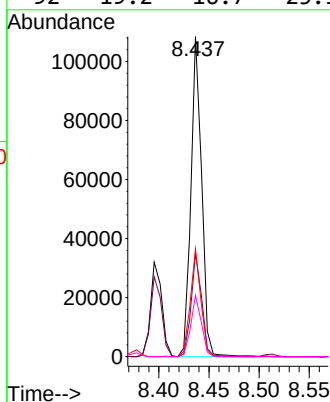
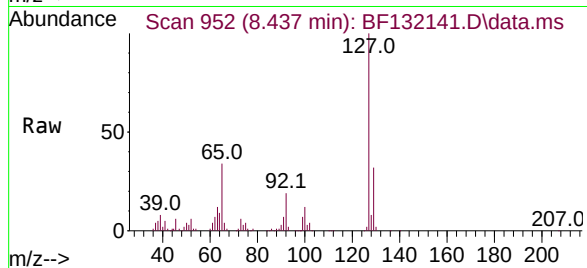
92 19.2 16.7 25.1

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Supervised By :Jagrut Upadhyay 01/20/2023



#34

Hexachlorobutadiene

Concen: 5.454 ng

RT: 8.513 min Scan# 965

Delta R.T. 0.000 min

Lab File: BF132141.D

Acq: 19 Jan 2023 11:53

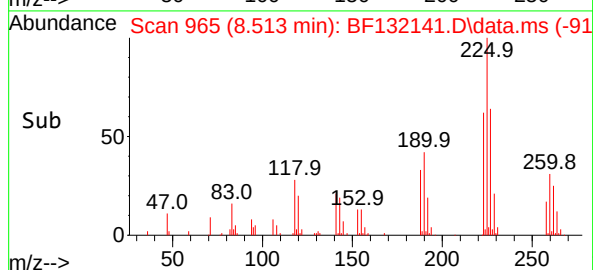
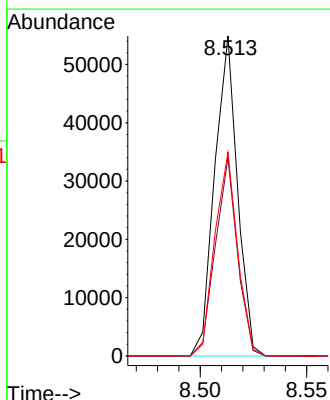
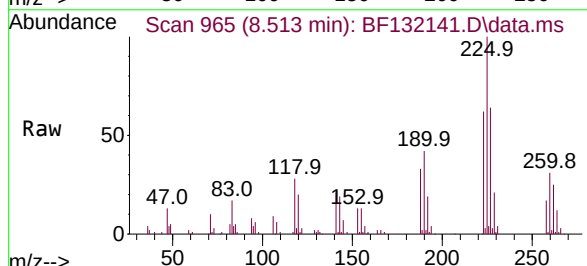
Tgt Ion:225 Resp: 40845

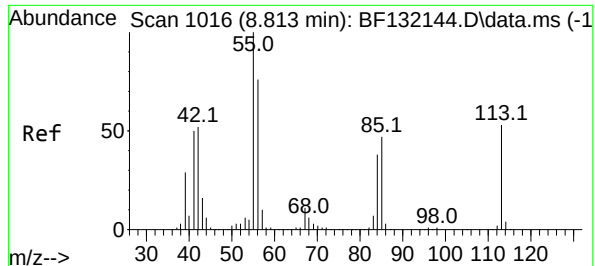
Ion Ratio Lower Upper

225 100

223 61.9 50.9 76.3

227 63.6 50.8 76.2





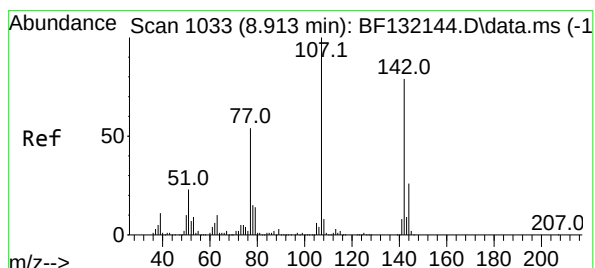
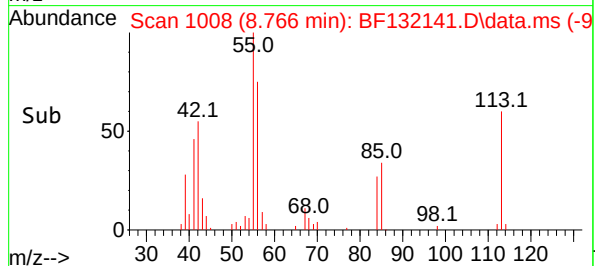
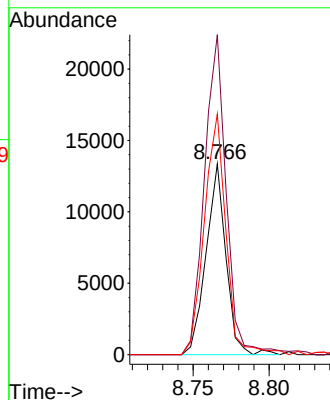
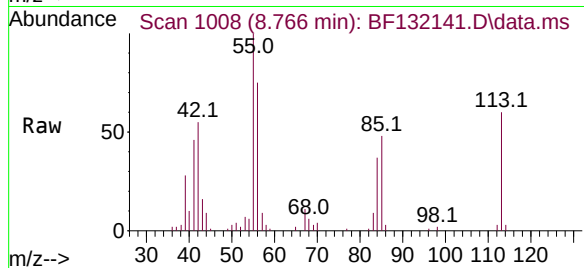
#35
Caprolactam
Concen: 4.400 ng m
RT: 8.766 min Scan# 1016
Delta R.T. -0.047 min
Lab File: BF132141.D
Acq: 19 Jan 2023 11:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:113 Resp: 12224
Ion Ratio Lower Upper
113 100
55 167.7 167.5 207.5
56 126.1 122.0 162.0

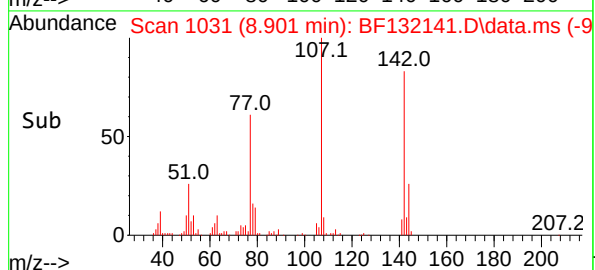
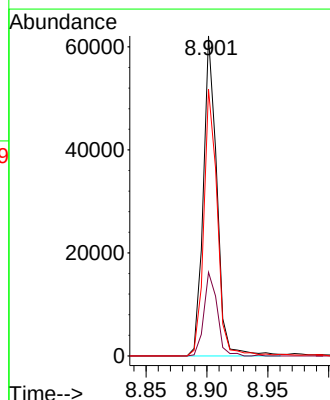
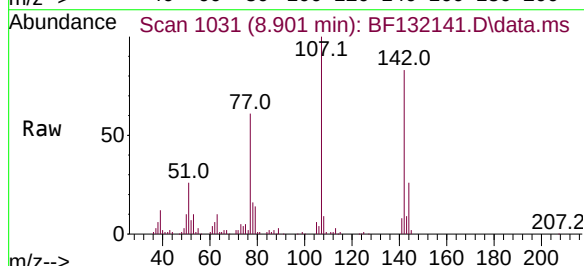
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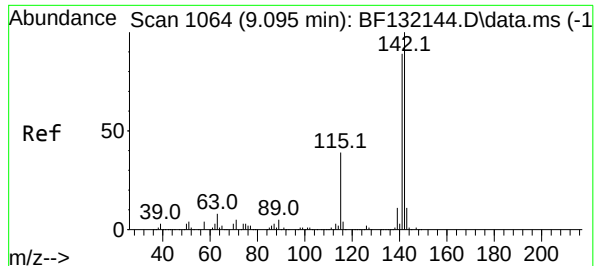
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#36
4-Chloro-3-methylphenol
Concen: 4.904 ng
RT: 8.901 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF132141.D
Acq: 19 Jan 2023 11:53

Tgt Ion:107 Resp: 48436
Ion Ratio Lower Upper
107 100
144 26.1 21.0 31.4
142 83.3 63.6 95.4





#37

2-Methylnaphthalene

Concen: 5.852 ng

RT: 9.089 min Scan# 1063

Delta R.T. -0.006 min

Lab File: BF132141.D

Acq: 19 Jan 2023 11:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:142 Resp: 134235

Ion Ratio Lower Upper

142 100

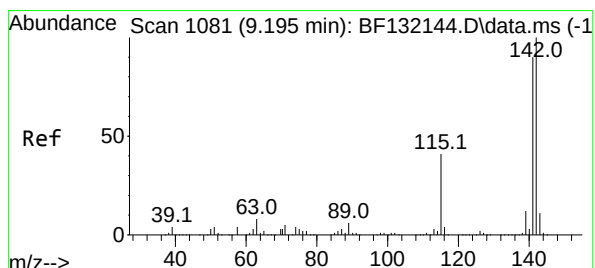
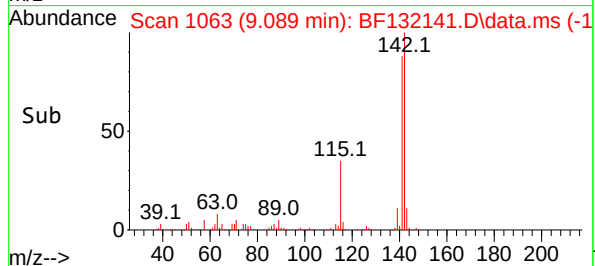
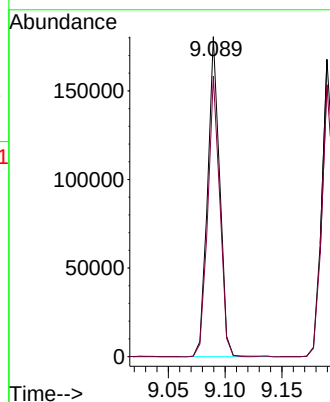
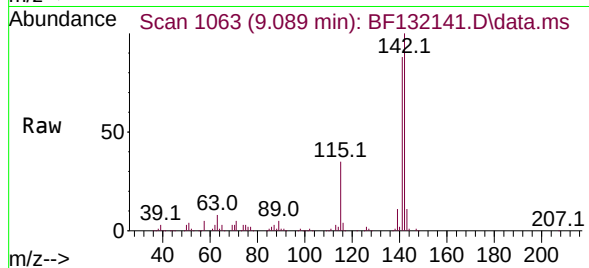
141 87.6 71.1 106.7

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#38

1-Methylnaphthalene

Concen: 5.881 ng

RT: 9.189 min Scan# 1080

Delta R.T. -0.006 min

Lab File: BF132141.D

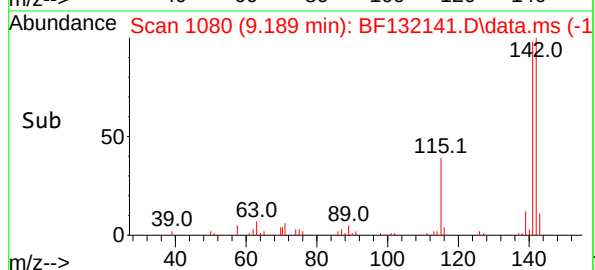
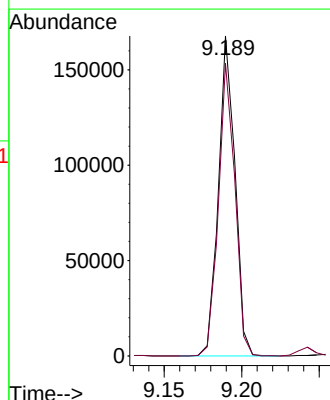
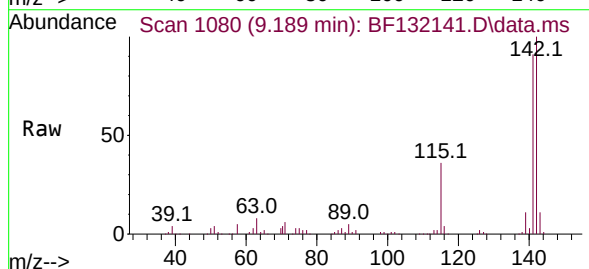
Acq: 19 Jan 2023 11:53

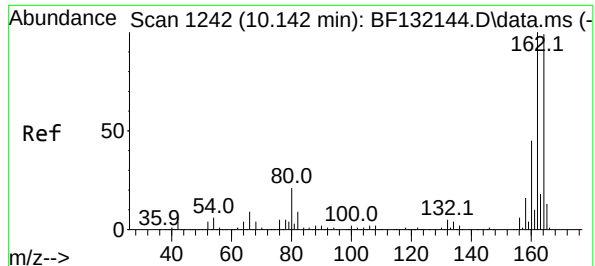
Tgt Ion:142 Resp: 125517

Ion Ratio Lower Upper

142 100

141 91.5 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.142 min Scan# 1242

Delta R.T. 0.000 min

Lab File: BF132141.D

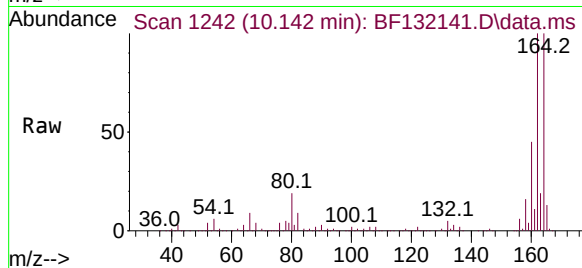
Acq: 19 Jan 2023 11:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion:164 Resp: 352490

Ion Ratio Lower Upper

164 100

162 99.8 81.2 121.8

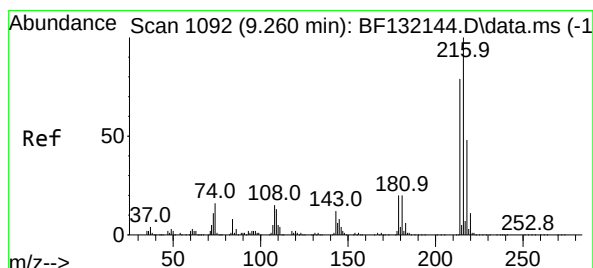
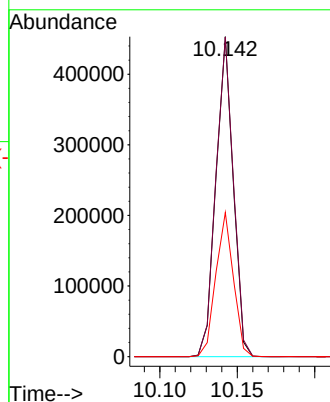
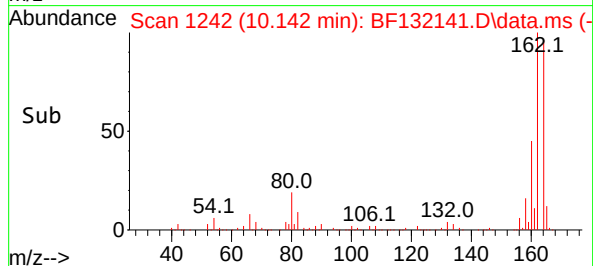
160 45.1 36.9 55.3

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#40

1,2,4,5-Tetrachlorobenzene

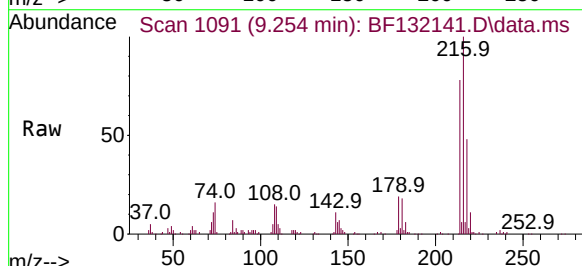
Concen: 5.672 ng

RT: 9.254 min Scan# 1091

Delta R.T. -0.006 min

Lab File: BF132141.D

Acq: 19 Jan 2023 11:53



Tgt Ion:216 Resp: 69557

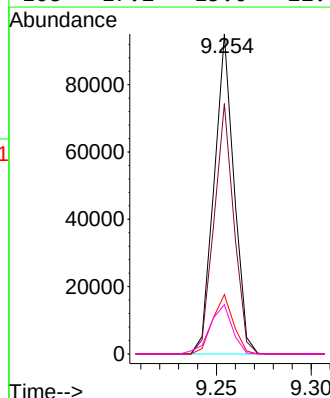
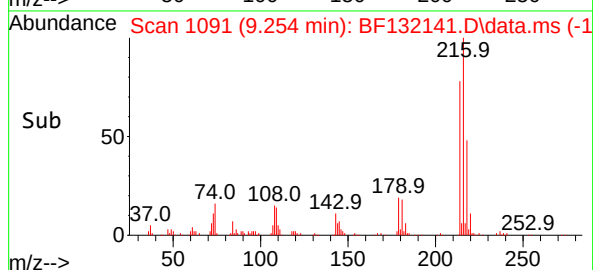
Ion Ratio Lower Upper

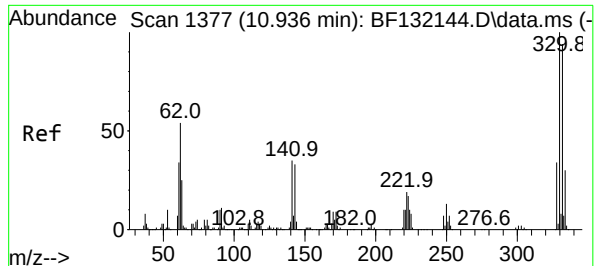
216 100

214 77.9 63.1 94.7

179 19.3 16.6 24.8

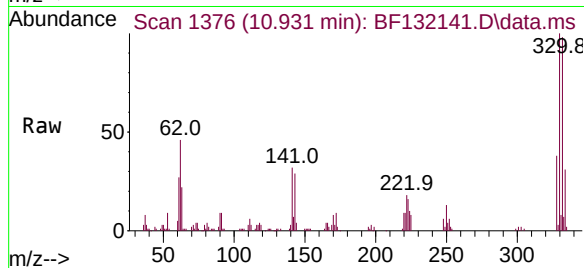
108 17.2 15.0 22.4





#42
2,4,6-Tribromophenol
Concen: 9.240 ng
RT: 10.931 min Scan# 1109
Delta R.T. -0.005 min
Lab File: BF132141.D
Acq: 19 Jan 2023 11:53

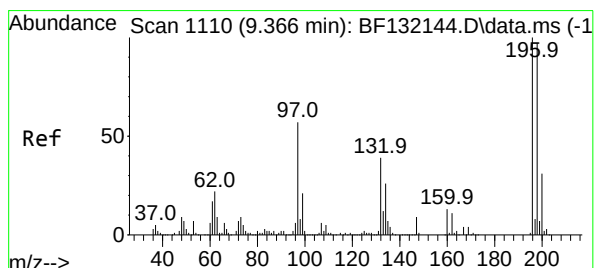
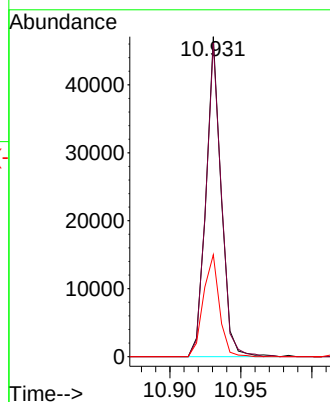
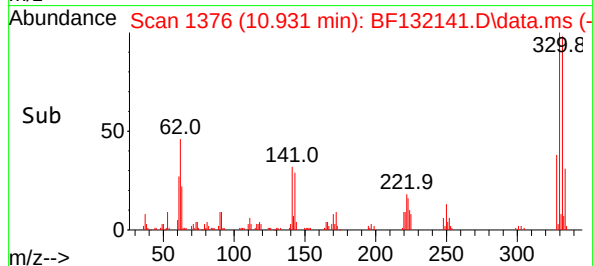
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion: 330 Resp: 34791
Ion Ratio Lower Upper
330 100
332 99.2 75.6 113.4
141 33.5 27.1 40.7

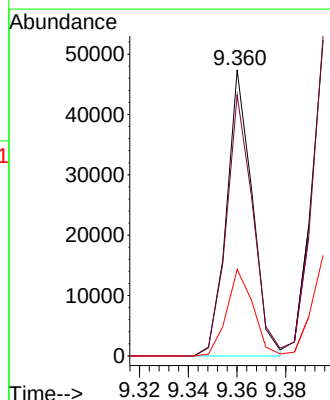
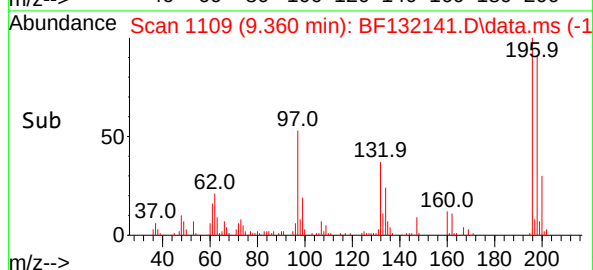
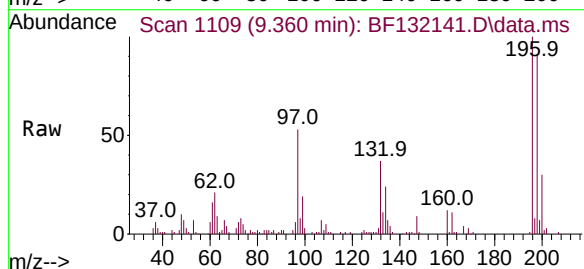
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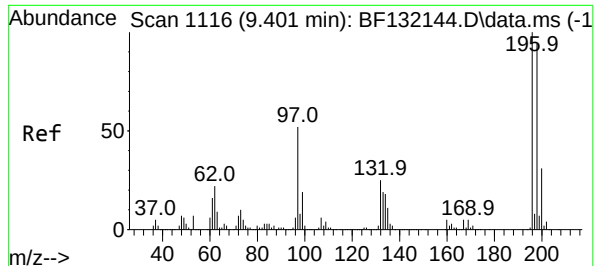
Reviewed By : Christian Giraldo 01/20/2023
Supervised By : Jagrut Upadhyay 01/20/2023



#43
2,4,6-Trichlorophenol
Concen: 4.541 ng
RT: 9.360 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF132141.D
Acq: 19 Jan 2023 11:53

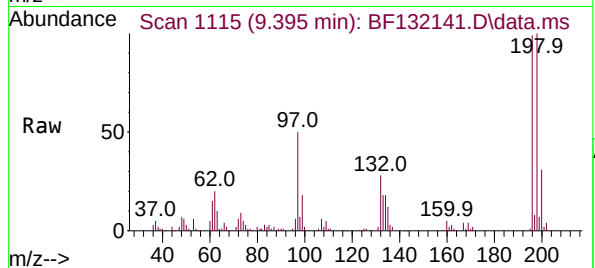
Tgt Ion: 196 Resp: 34564
Ion Ratio Lower Upper
196 100
198 91.3 77.4 116.2
200 30.2 24.9 37.3





#44
2,4,5-Trichlorophenol
Concen: 4.702 ng
RT: 9.395 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BF132141.D
Acq: 19 Jan 2023 11:53

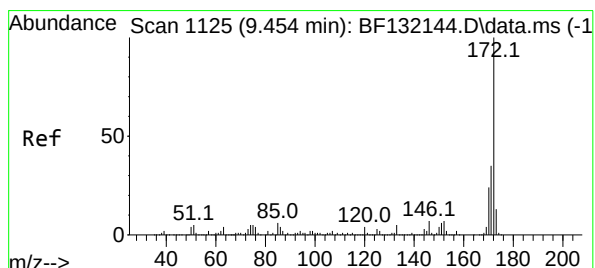
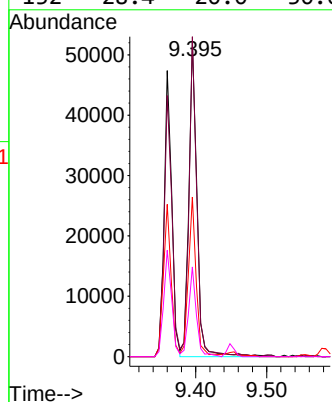
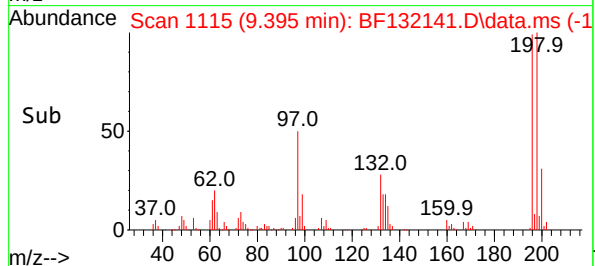
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:196 Resp: 41858
Ion Ratio Lower Upper
196 100
198 101.4 75.3 112.9
97 50.6 41.3 61.9
132 28.4 20.0 30.0

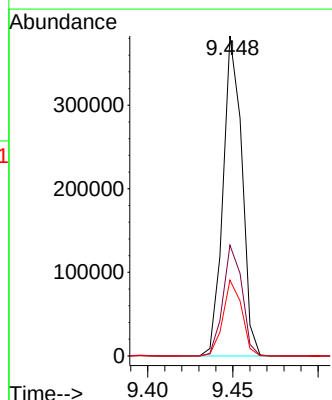
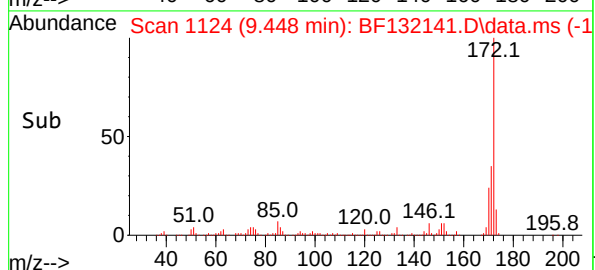
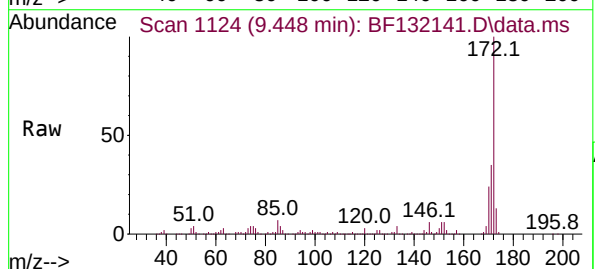
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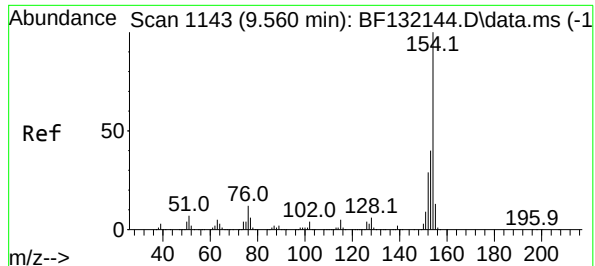
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#45
2-Fluorobiphenyl
Concen: 13.062 ng
RT: 9.448 min Scan# 1124
Delta R.T. -0.006 min
Lab File: BF132141.D
Acq: 19 Jan 2023 11:53

Tgt Ion:172 Resp: 294189
Ion Ratio Lower Upper
172 100
171 34.6 28.2 42.2
170 23.7 19.6 29.4





#46

1,1'-Biphenyl

Concen: 5.745 ng

RT: 9.554 min Scan# 1143

Delta R.T. -0.006 min

Lab File: BF132141.D

Acq: 19 Jan 2023 11:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:154 Resp: 159760

Ion Ratio Lower Upper

154 100

153 40.1 20.2 60.2

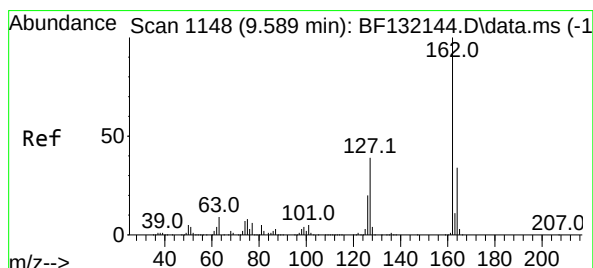
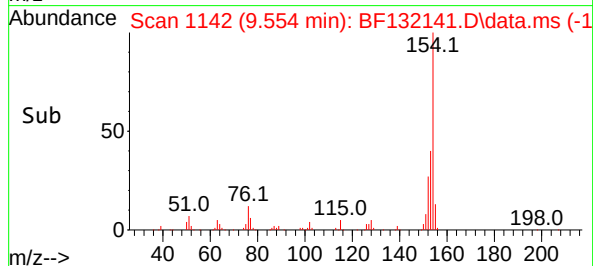
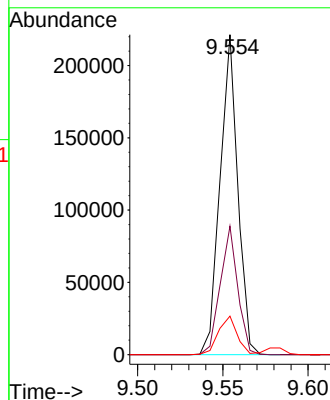
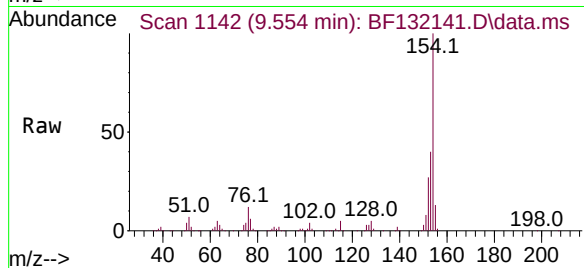
76 12.0 0.0 32.2

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#47

2-Chloronaphthalene

Concen: 5.623 ng

RT: 9.584 min Scan# 1147

Delta R.T. -0.006 min

Lab File: BF132141.D

Acq: 19 Jan 2023 11:53

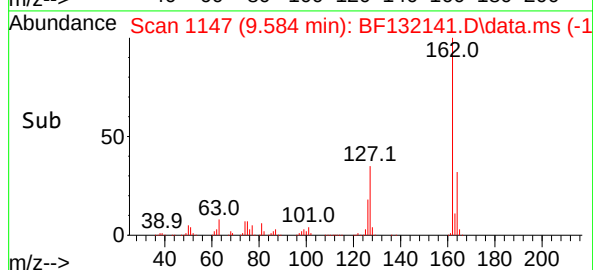
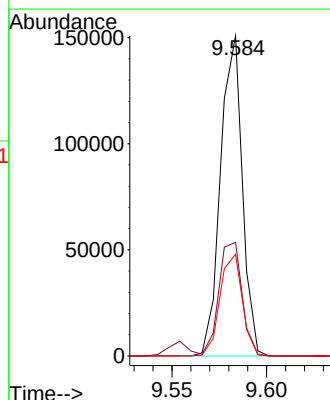
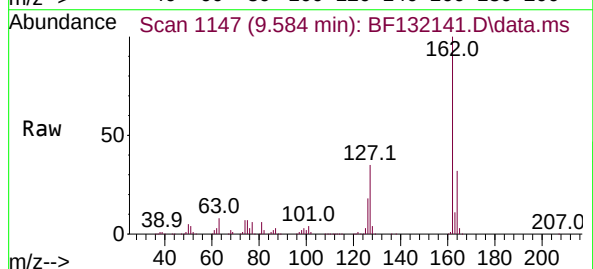
Tgt Ion:162 Resp: 120880

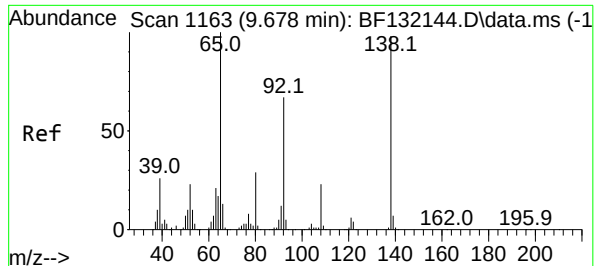
Ion Ratio Lower Upper

162 100

127 35.5 31.1 46.7

164 31.7 26.9 40.3





#48

2-Nitroaniline

Concen: 3.488 ng

RT: 9.672 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF132141.D

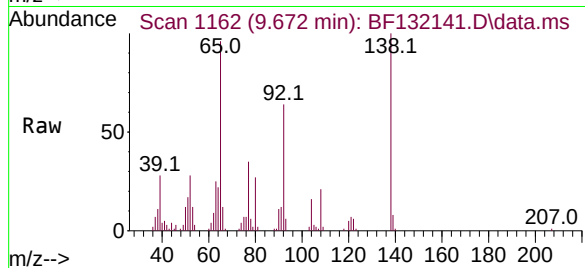
Acq: 19 Jan 2023 11:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion: 65 Resp: 21592

Ion Ratio Lower Upper

65 100

92 66.4 53.8 80.6

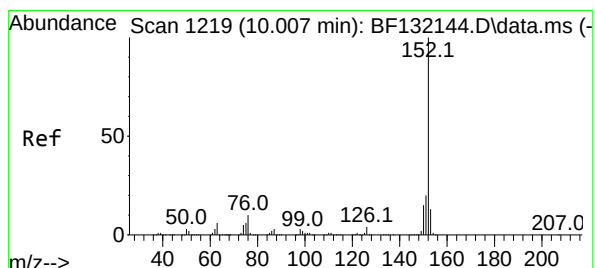
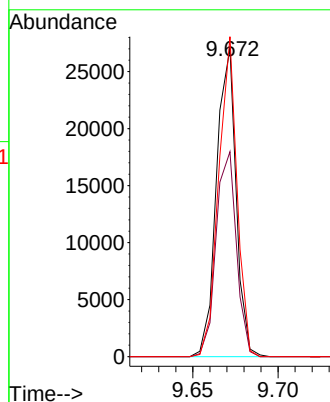
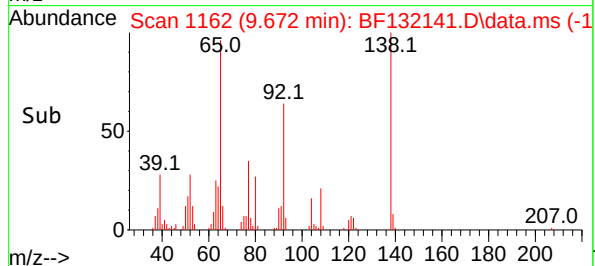
138 103.8 78.7 118.1

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#49

Acenaphthylene

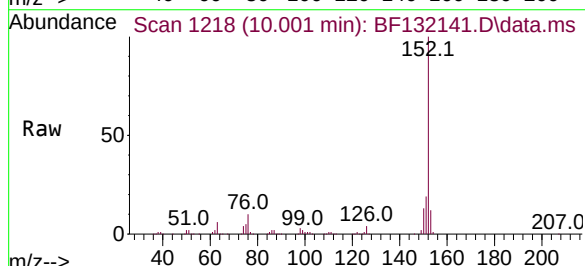
Concen: 5.586 ng

RT: 10.001 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF132141.D

Acq: 19 Jan 2023 11:53



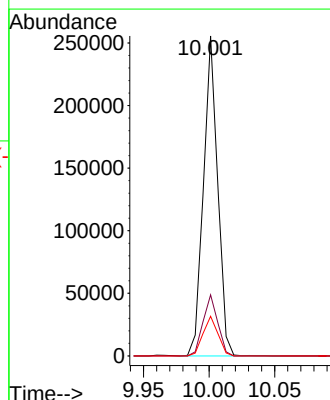
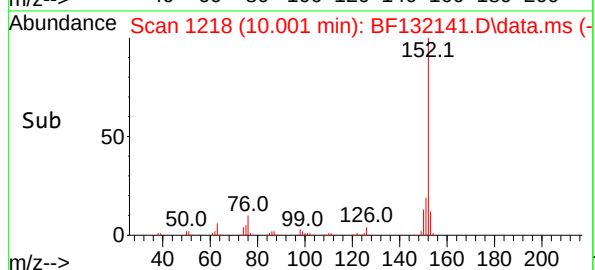
Tgt Ion:152 Resp: 192093

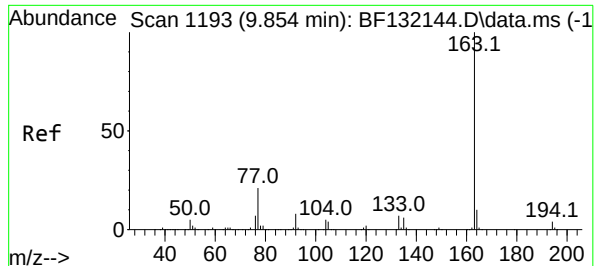
Ion Ratio Lower Upper

152 100

151 19.1 16.4 24.6

153 12.4 10.6 15.8





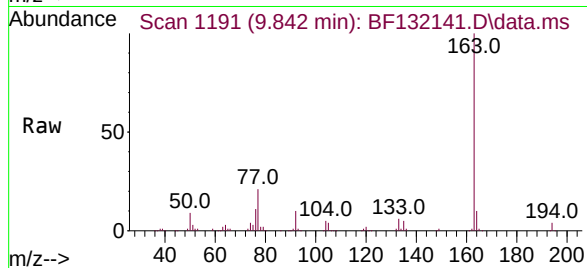
#50
Dimethylphthalate
Concen: 5.393 ng
RT: 9.842 min Scan# 1193
Delta R.T. -0.012 min
Lab File: BF132141.D
Acq: 19 Jan 2023 11:53

Instrument :

BNA_F

ClientSampleId :

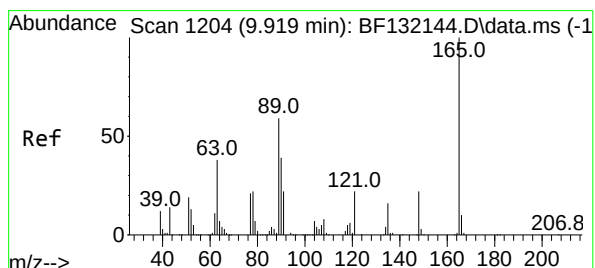
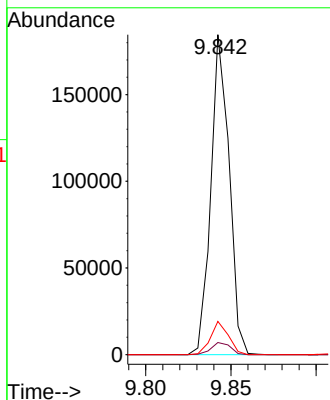
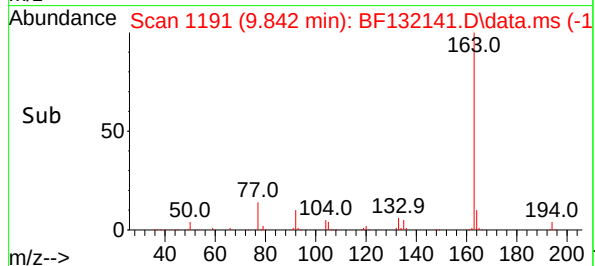
SSTDICC005



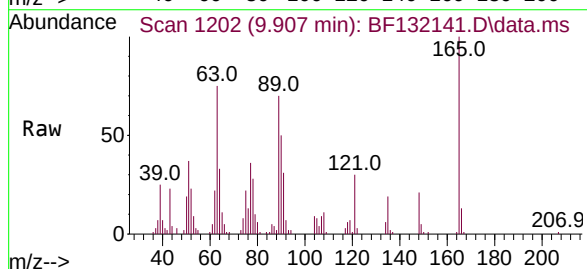
Tgt Ion:163 Resp: 137683
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.4 8.2 12.2

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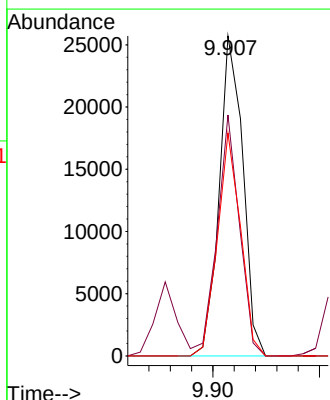
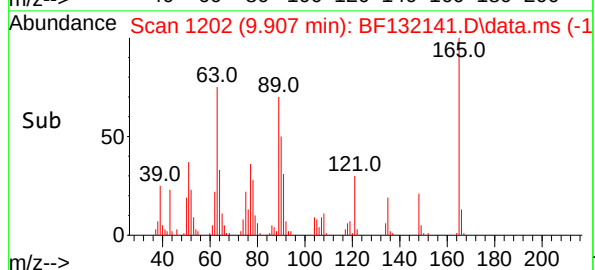
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

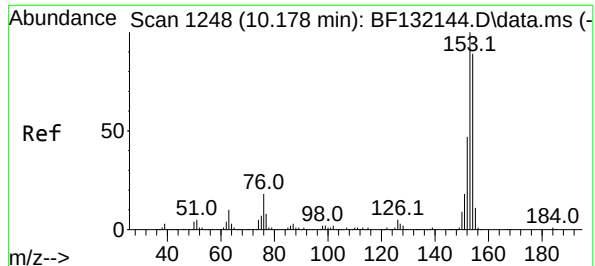


#51
2,6-Dinitrotoluene
Concen: 3.988 ng
RT: 9.907 min Scan# 1202
Delta R.T. -0.012 min
Lab File: BF132141.D
Acq: 19 Jan 2023 11:53



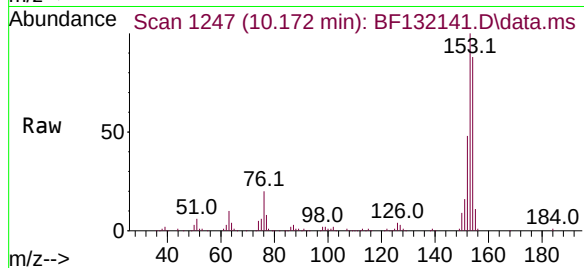
Tgt Ion:165 Resp: 19735
Ion Ratio Lower Upper
165 100
63 75.3 46.6 70.0#
89 69.6 47.4 71.2





#52
Acenaphthene
Concen: 5.603 ng
RT: 10.172 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BF132141.D
Acq: 19 Jan 2023 11:53

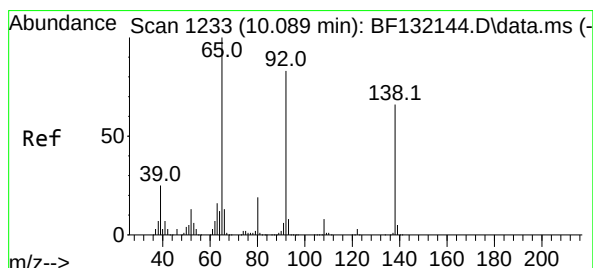
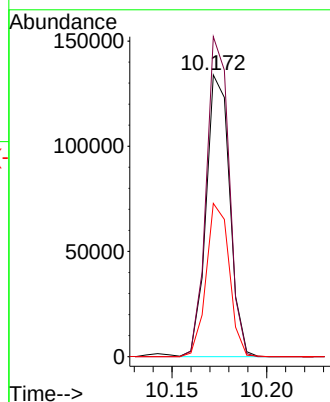
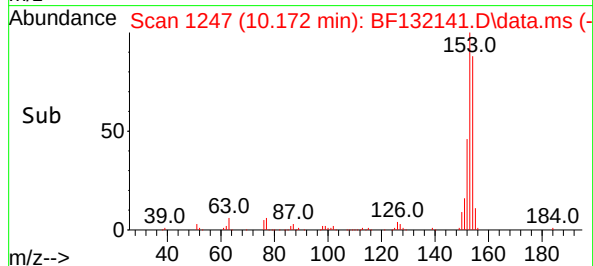
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:154 Resp: 115909
Ion Ratio Lower Upper
154 100
153 113.6 89.8 134.8
152 54.4 42.3 63.5

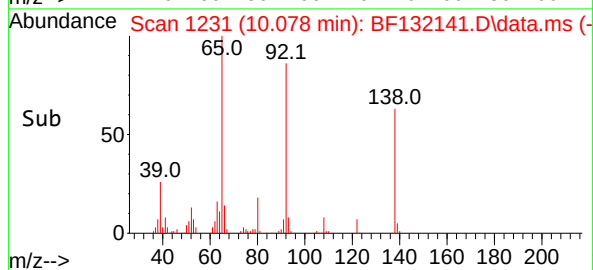
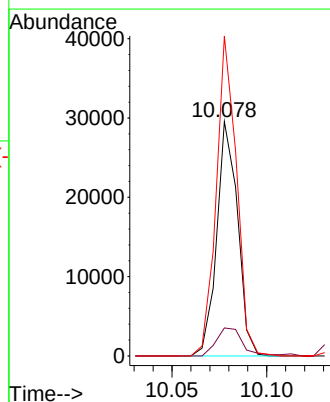
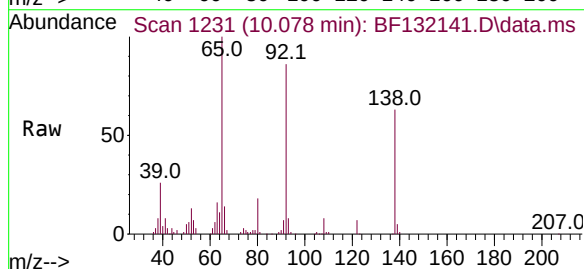
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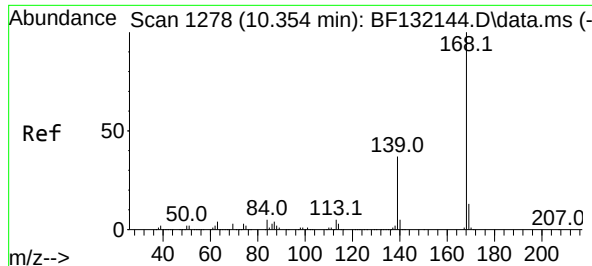
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#53
3-Nitroaniline
Concen: 4.260 ng
RT: 10.078 min Scan# 1231
Delta R.T. -0.012 min
Lab File: BF132141.D
Acq: 19 Jan 2023 11:53

Tgt Ion:138 Resp: 22536
Ion Ratio Lower Upper
138 100
108 11.9 9.1 13.7
92 136.5 101.2 151.8





#55

Dibenzenofuran

Concen: 5.731 ng

RT: 10.348 min Scan# 1277

Delta R.T. -0.006 min

Lab File: BF132141.D

Acq: 19 Jan 2023 11:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:168 Resp: 183200

Ion Ratio Lower Upper

168 100

139 33.9 29.8 44.8

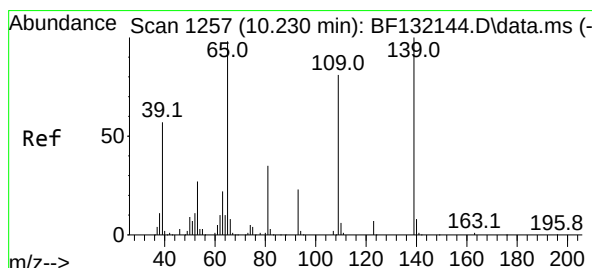
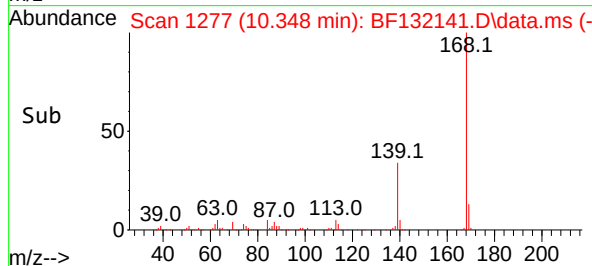
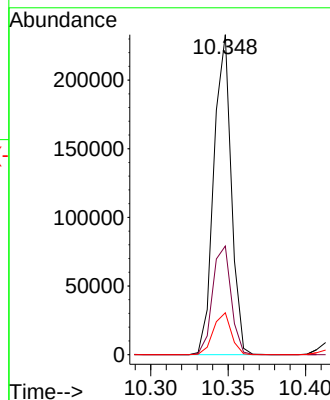
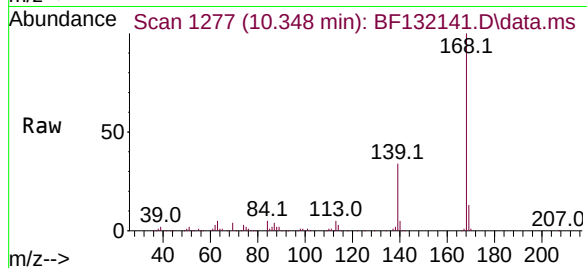
169 13.1 10.3 15.5

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#56

4-Nitrophenol

Concen: 3.935 ng

RT: 10.219 min Scan# 1255

Delta R.T. -0.012 min

Lab File: BF132141.D

Acq: 19 Jan 2023 11:53

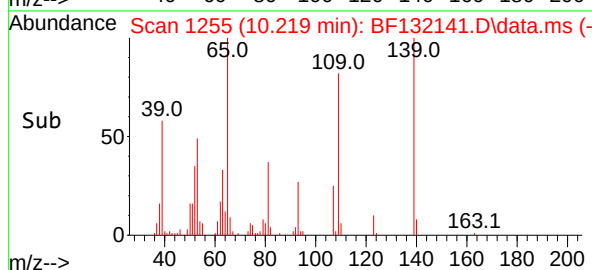
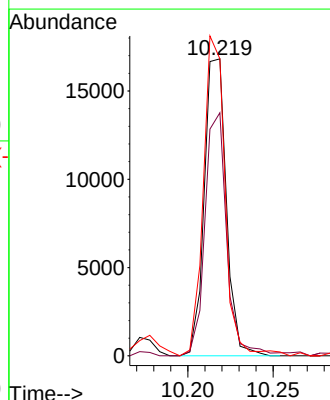
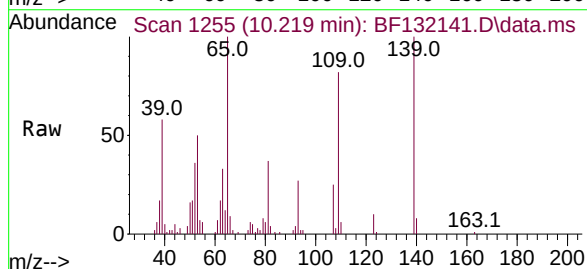
Tgt Ion:139 Resp: 15152

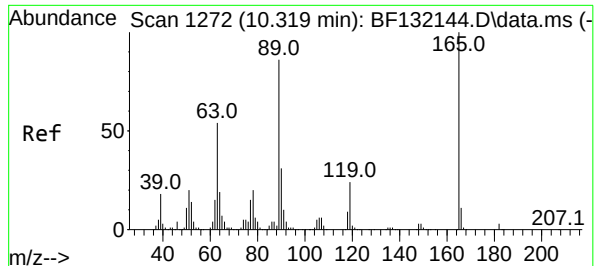
Ion Ratio Lower Upper

139 100

109 81.8 61.0 101.0

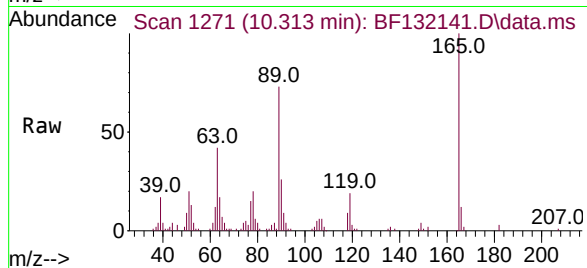
65 100.0 79.3 119.3





#57
2,4-Dinitrotoluene
Concen: 3.947 ng
RT: 10.313 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF132141.D
Acq: 19 Jan 2023 11:53

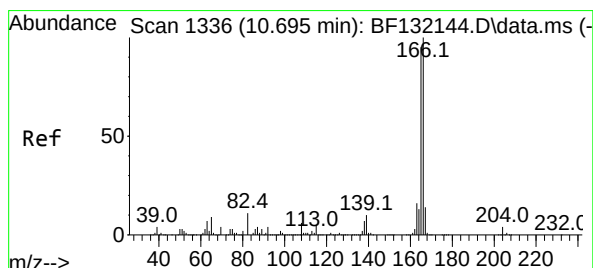
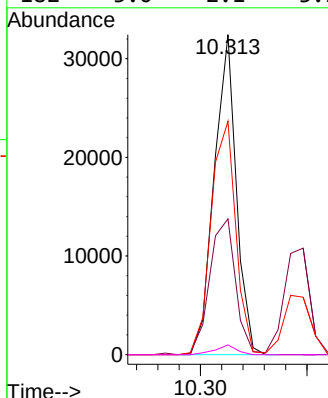
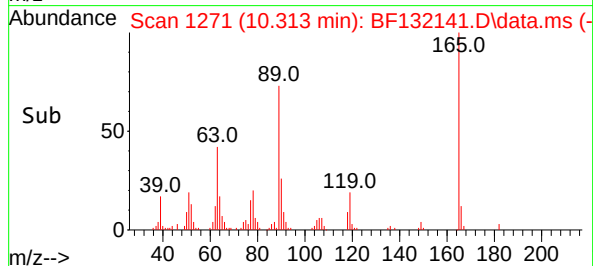
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



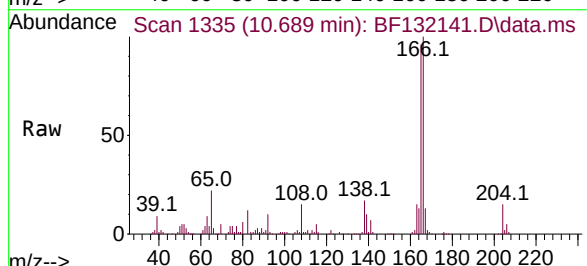
Tgt Ion:165 Resp: 23444
Ion Ratio Lower Upper
165 100
63 42.4 43.5 65.3
89 72.9 69.0 103.6
182 3.0 2.1 3.1

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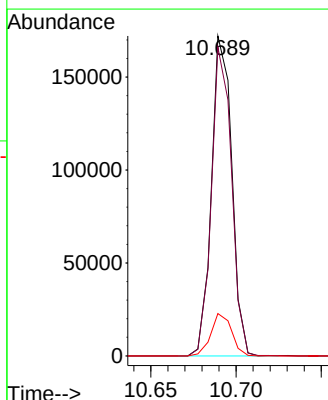
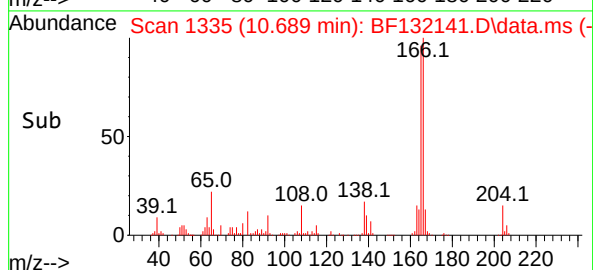
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

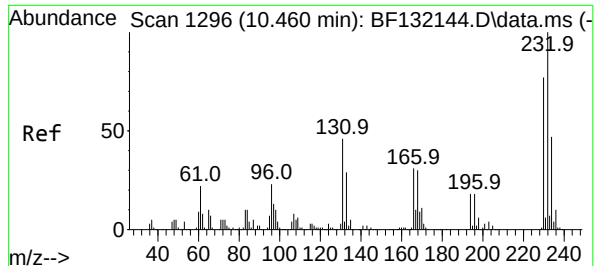


#58
Fluorene
Concen: 6.022 ng
RT: 10.689 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF132141.D
Acq: 19 Jan 2023 11:53



Tgt Ion:166 Resp: 142641
Ion Ratio Lower Upper
166 100
165 96.4 76.4 114.6
167 13.2 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 4.480 ng m

RT: 10.460 min Scan# 1296

Delta R.T. 0.000 min

Lab File: BF132141.D

Acq: 19 Jan 2023 11:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:232 Resp: 30336

Ion Ratio Lower Upper

232 100

131 35.6 33.8 50.6

130 1.9 1.9 2.9

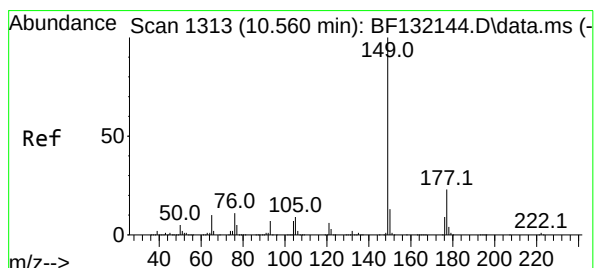
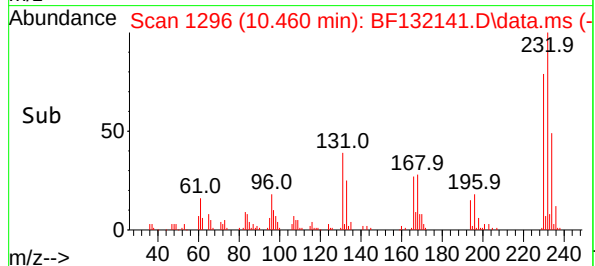
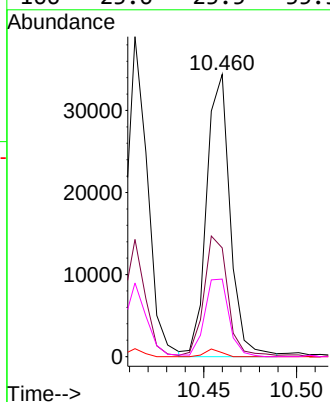
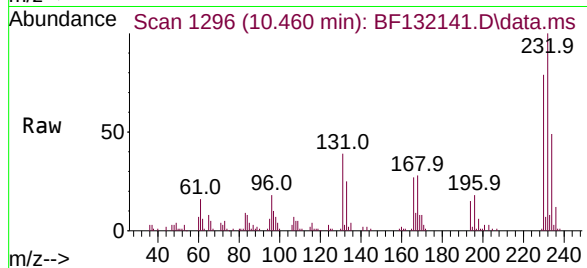
166 23.6 23.5 35.3

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#60

Diethylphthalate

Concen: 5.264 ng

RT: 10.548 min Scan# 1311

Delta R.T. -0.012 min

Lab File: BF132141.D

Acq: 19 Jan 2023 11:53

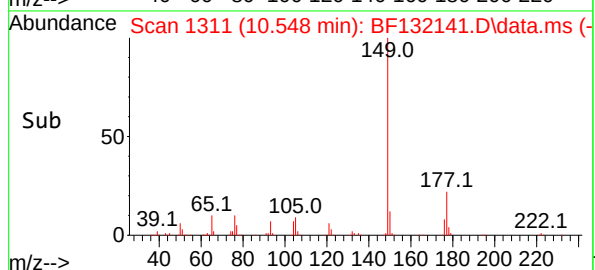
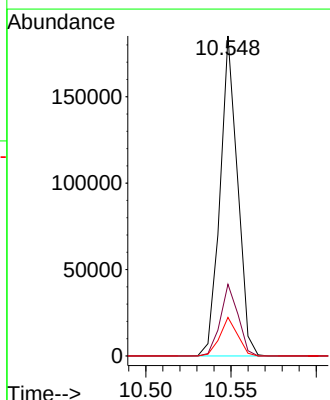
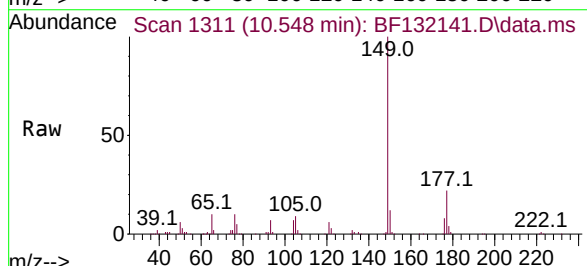
Tgt Ion:149 Resp: 131777

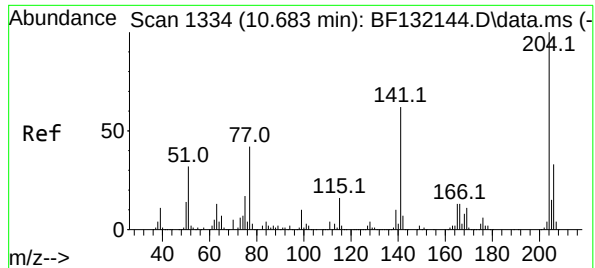
Ion Ratio Lower Upper

149 100

177 22.4 18.4 27.6

150 12.0 10.1 15.1





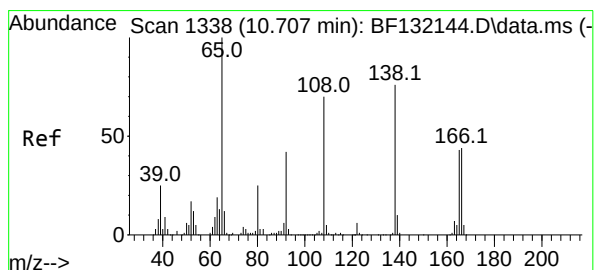
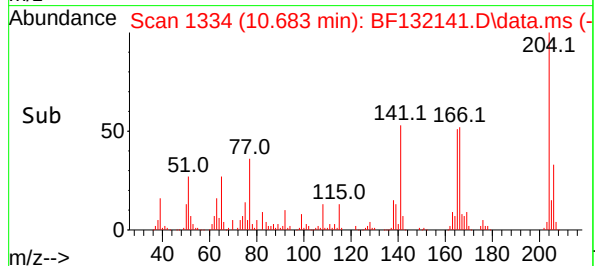
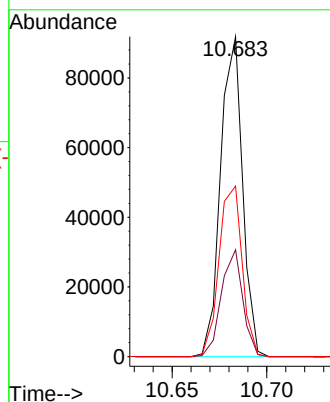
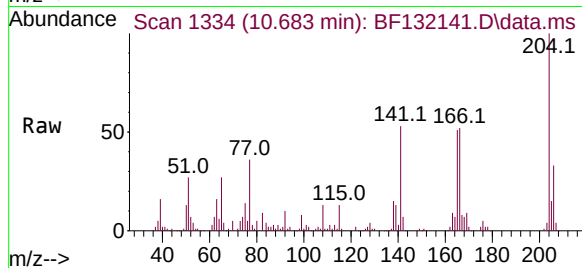
#61
4-Chlorophenyl-phenylether
Concen: 5.823 ng
RT: 10.683 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF132141.D
Acq: 19 Jan 2023 11:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:204 Resp: 73864
Ion Ratio Lower Upper
204 100
206 33.4 26.4 39.6
141 53.3 49.2 73.8

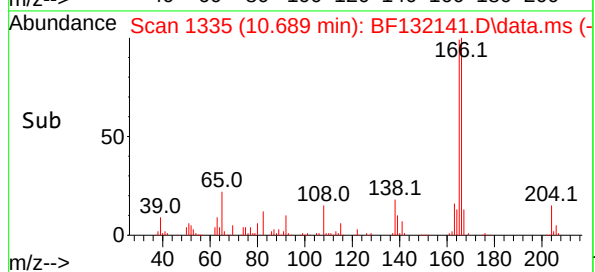
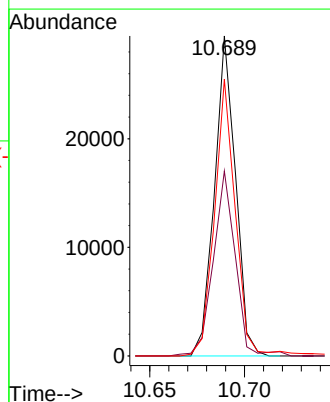
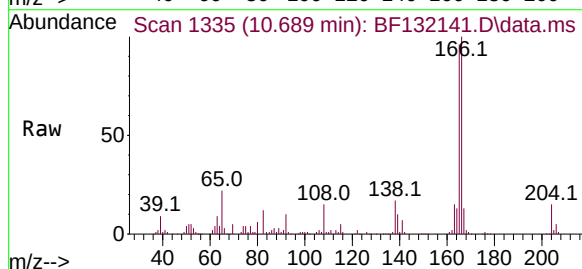
Manual Integrations
APPROVED

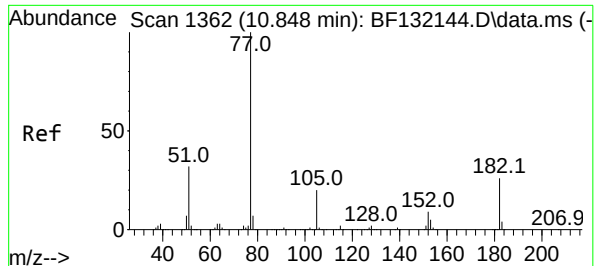
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#62
4-Nitroaniline
Concen: 4.617 ng
RT: 10.689 min Scan# 1335
Delta R.T. -0.018 min
Lab File: BF132141.D
Acq: 19 Jan 2023 11:53

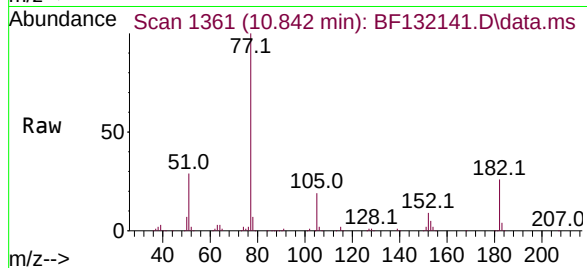
Tgt Ion:138 Resp: 22739
Ion Ratio Lower Upper
138 100
92 57.8 35.9 75.9
108 86.5 72.0 112.0





#63
Azobenzene
Concen: 5.590 ng
RT: 10.842 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF132141.D
Acq: 19 Jan 2023 11:53

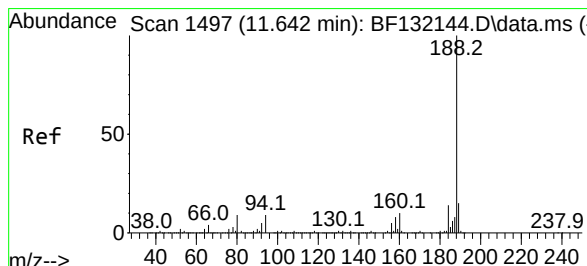
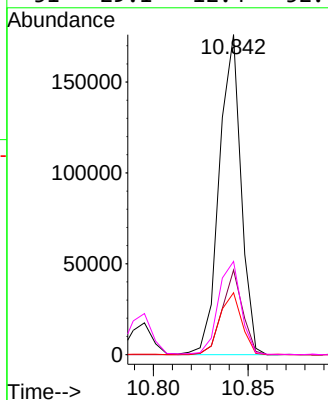
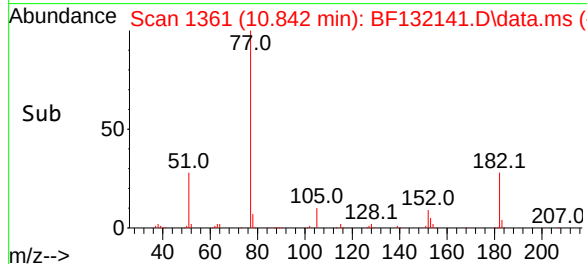
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion: 77 Resp: 140461
Ion Ratio Lower Upper
77 100
182 26.4 6.4 46.4
105 19.3 0.0 39.8
51 29.1 12.4 52.4

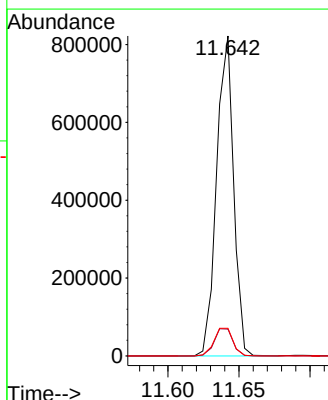
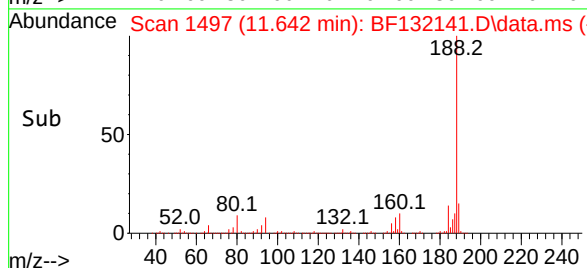
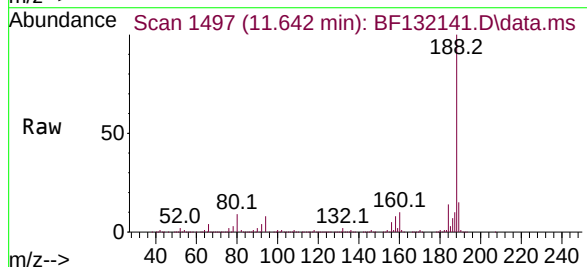
Manual Integrations
APPROVED

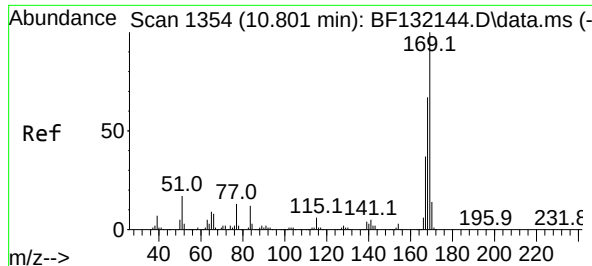
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.642 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BF132141.D
Acq: 19 Jan 2023 11:53

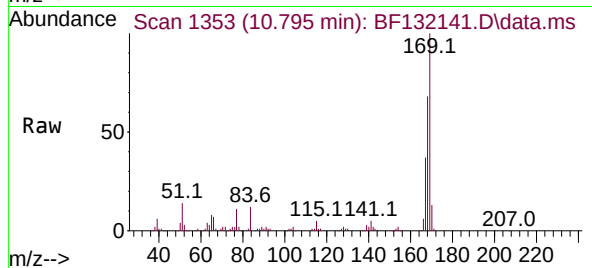
Tgt Ion:188 Resp: 687824
Ion Ratio Lower Upper
188 100
94 8.4 6.9 10.3
80 8.6 7.5 11.3





#66
n-Nitrosodiphenylamine
Concen: 5.507 ng
RT: 10.795 min Scan# 1354
Delta R.T. -0.006 min
Lab File: BF132141.D
Acq: 19 Jan 2023 11:53

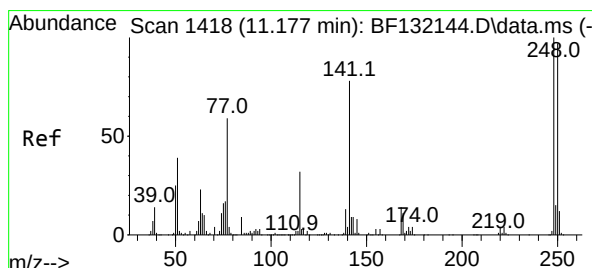
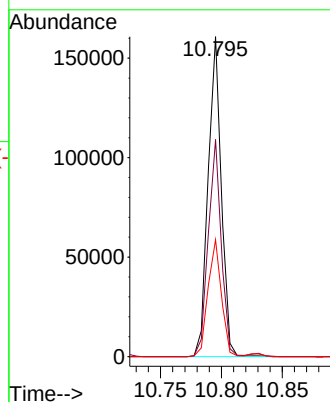
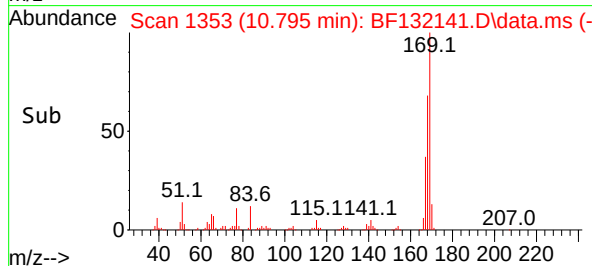
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:169 Resp: 121302
Ion Ratio Lower Upper
169 100
168 67.8 53.4 80.0
167 36.5 29.7 44.5

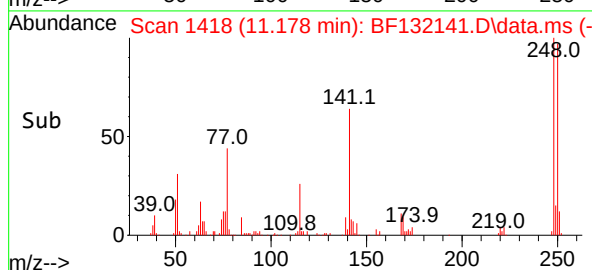
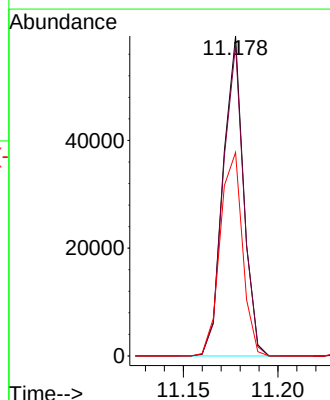
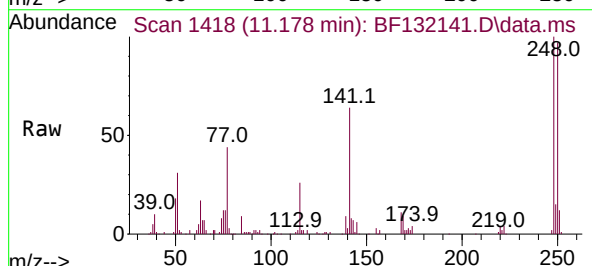
Manual Integrations
APPROVED

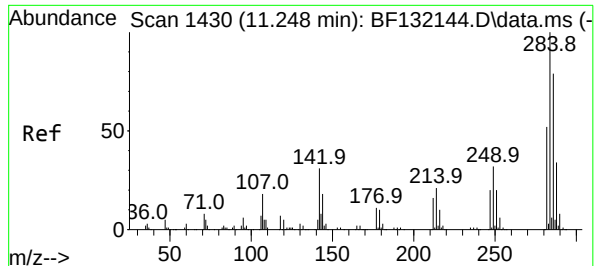
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#67
4-Bromophenyl-phenylether
Concen: 5.327 ng
RT: 11.178 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF132141.D
Acq: 19 Jan 2023 11:53

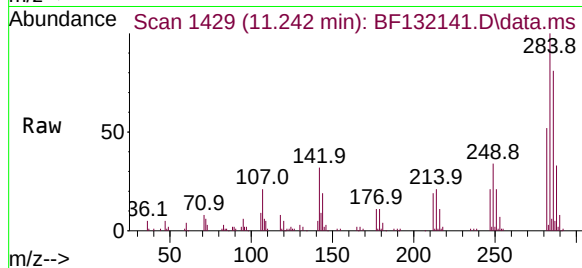
Tgt Ion:248 Resp: 44657
Ion Ratio Lower Upper
248 100
250 97.2 77.4 116.0
141 63.6 62.2 93.2





#68
Hexachlorobenzene
Concen: 5.376 ng
RT: 11.242 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF132141.D
Acq: 19 Jan 2023 11:53

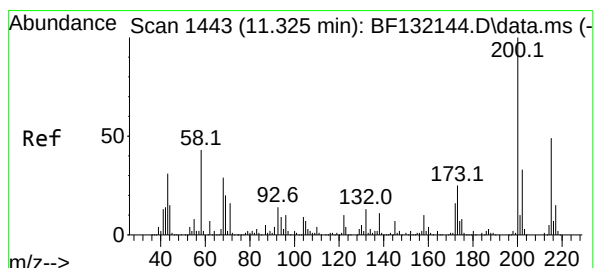
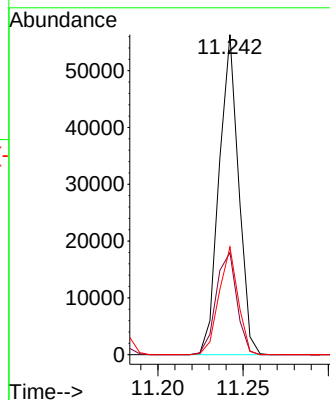
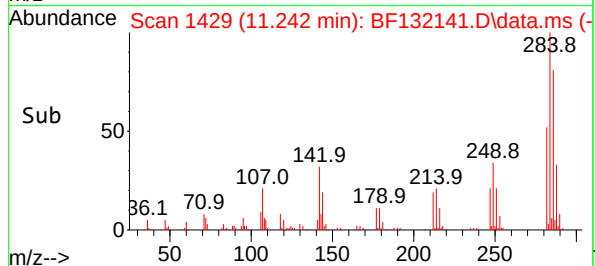
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



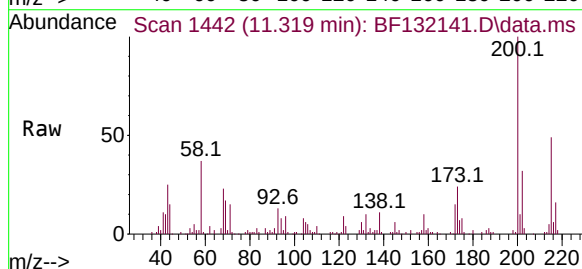
Tgt Ion:284 Resp: 44794
Ion Ratio Lower Upper
284 100
142 31.9 24.7 37.1
249 33.6 25.6 38.4

Manual Integrations
APPROVED

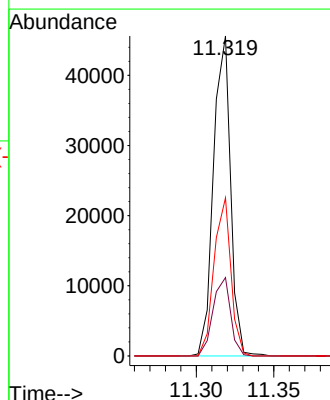
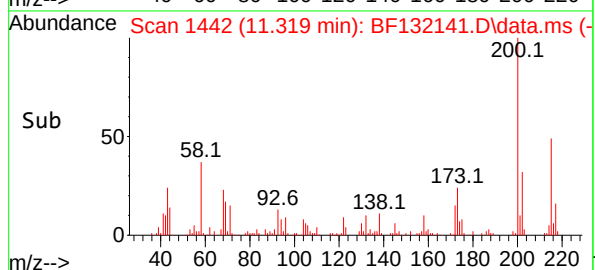
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

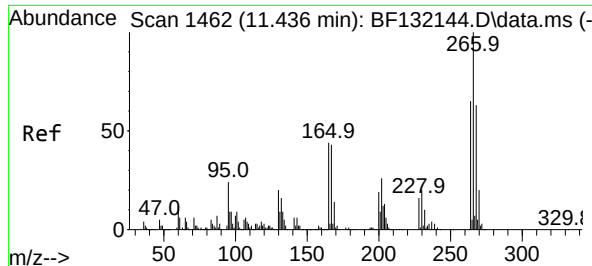


#69
Atrazine
Concen: 5.149 ng
RT: 11.319 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF132141.D
Acq: 19 Jan 2023 11:53



Tgt Ion:200 Resp: 34994
Ion Ratio Lower Upper
200 100
173 24.5 5.0 45.0
215 49.4 28.6 68.6





#70

Pentachlorophenol

Concen: 3.947 ng

RT: 11.430 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF132141.D

Acq: 19 Jan 2023 11:53

Instrument :

BNA_F

ClientSampleId :

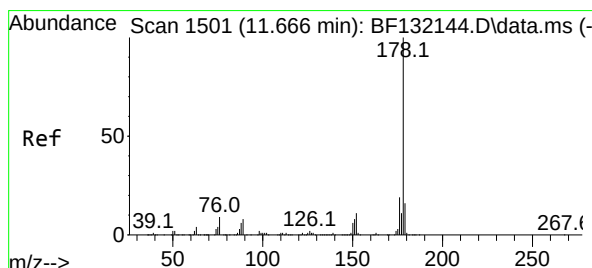
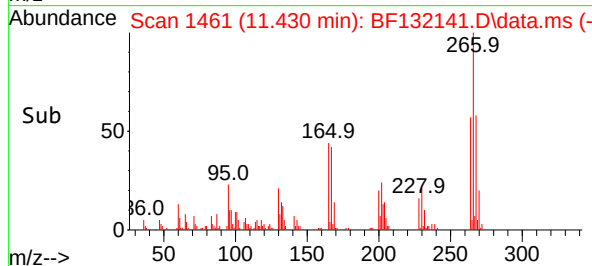
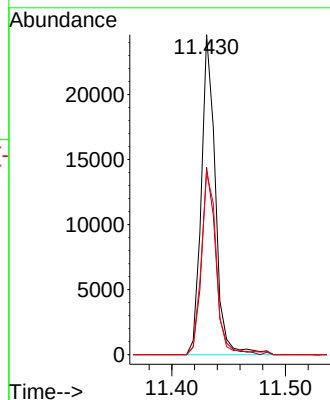
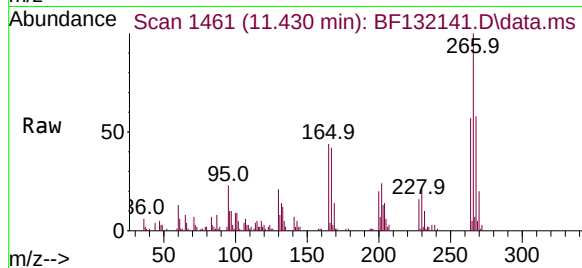
SSTDICC005

Tgt Ion:	266	Resp:	21134
Ion Ratio	Lower	Upper	
266	100		
268	58.5	50.8	76.2
264	56.9	52.3	78.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#71

Phenanthrene

Concen: 5.865 ng

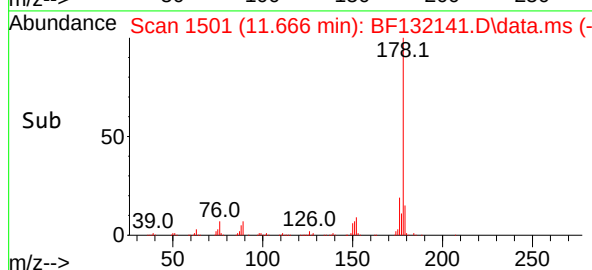
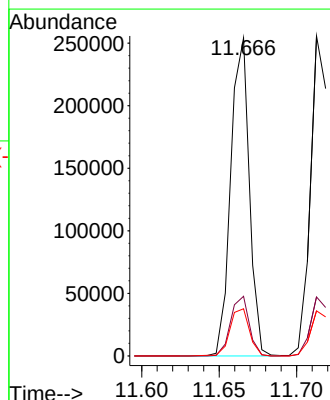
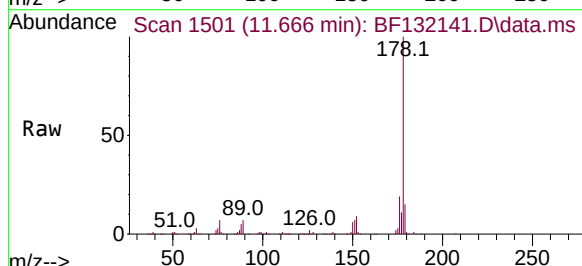
RT: 11.666 min Scan# 1501

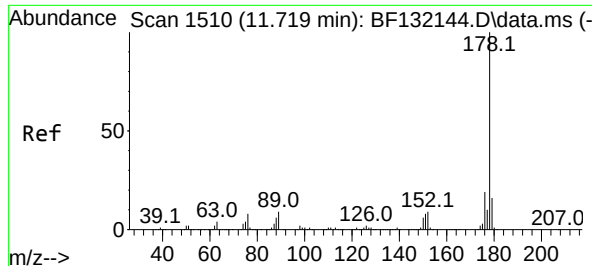
Delta R.T. 0.000 min

Lab File: BF132141.D

Acq: 19 Jan 2023 11:53

Tgt Ion:	178	Resp:	211702
Ion Ratio	Lower	Upper	
178	100		
176	18.7	15.5	23.3
179	14.8	12.6	19.0





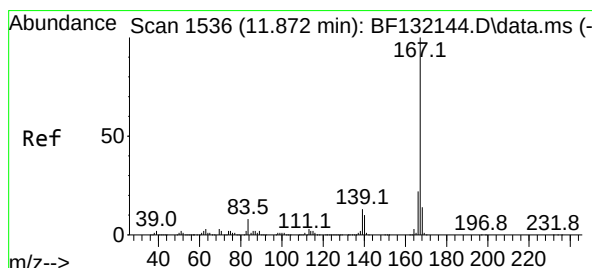
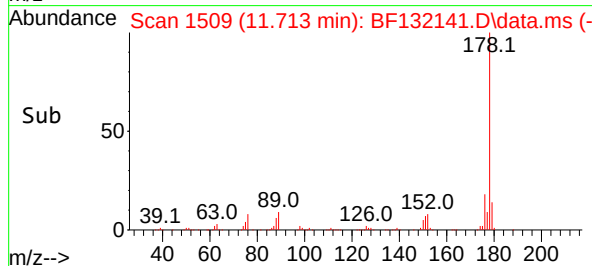
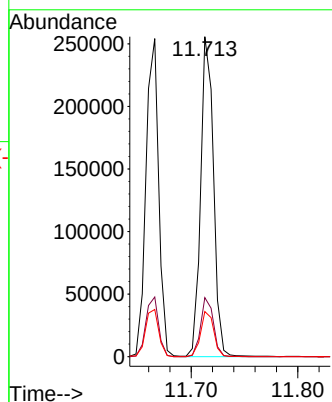
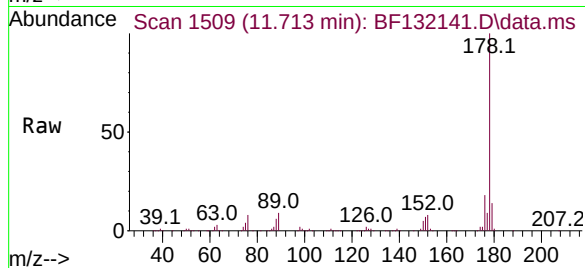
#72
 Anthracene
 Concen: 5.859 ng
 RT: 11.713 min Scan# 1509
 Delta R.T. -0.006 min
 Lab File: BF132141.D
 Acq: 19 Jan 2023 11:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Tgt Ion:178 Resp: 213968
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.3 22.9
 179 14.1 12.6 18.8

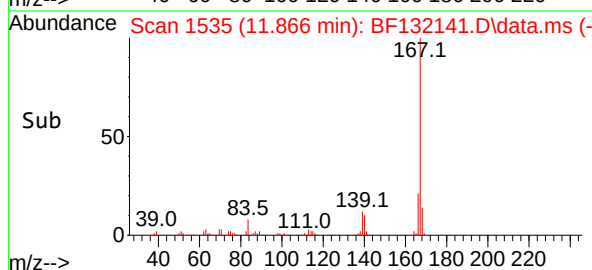
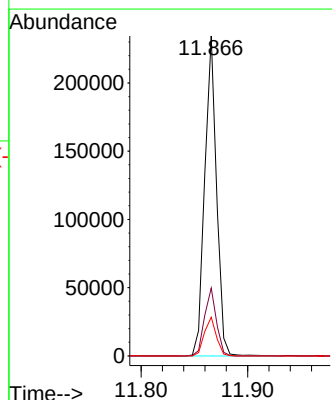
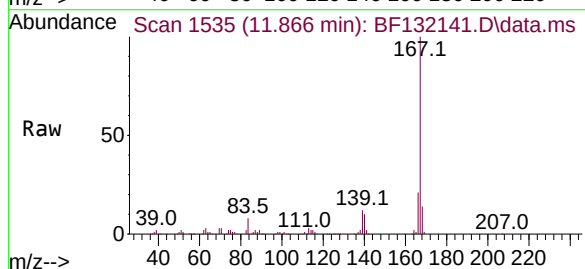
Manual Integrations
 APPROVED

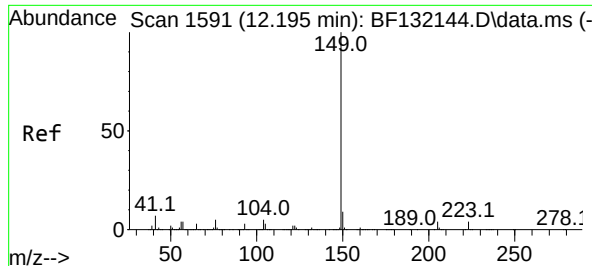
Reviewed By :Christian Giraldo 01/20/2023
 Supervised By :Jagrut Upadhyay 01/20/2023



#73
 Carbazole
 Concen: 5.764 ng
 RT: 11.866 min Scan# 1535
 Delta R.T. -0.006 min
 Lab File: BF132141.D
 Acq: 19 Jan 2023 11:53

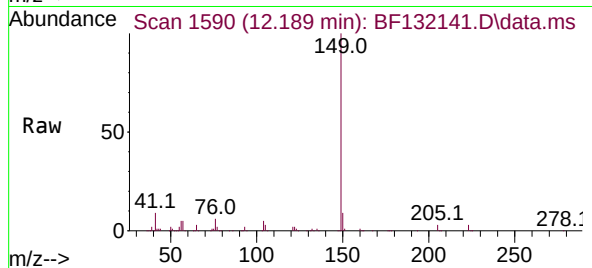
Tgt Ion:167 Resp: 179791
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.7 26.5
 139 12.1 10.5 15.7





#74
Di-n-butylphthalate
Concen: 5.054 ng
RT: 12.189 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132141.D
Acq: 19 Jan 2023 11:53

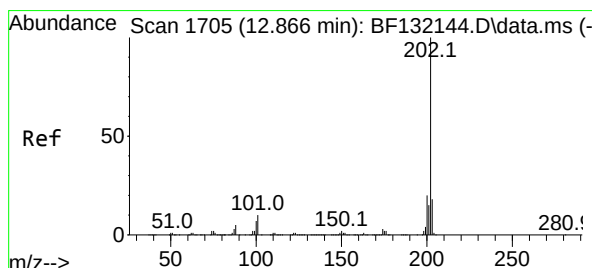
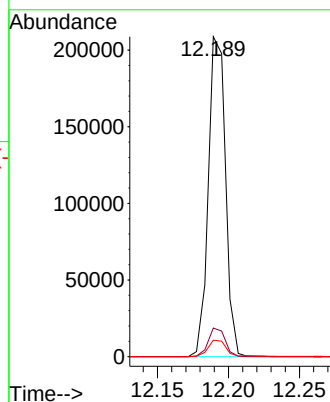
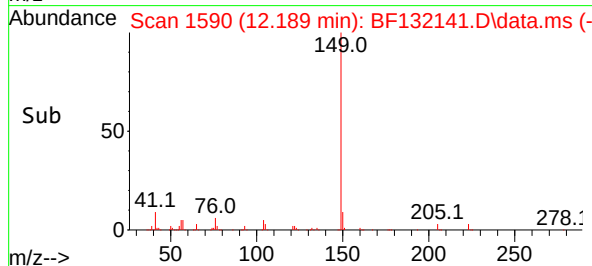
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



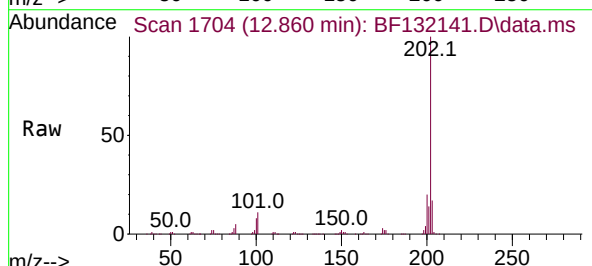
Tgt Ion:149 Resp: 175501
Ion Ratio Lower Upper
149 100
150 8.9 7.5 11.3
104 5.1 4.3 6.5

Manual Integrations
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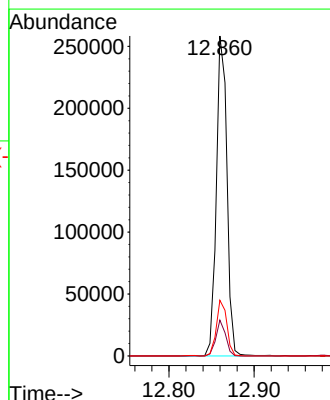
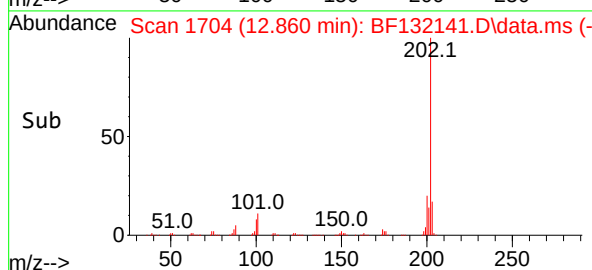
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

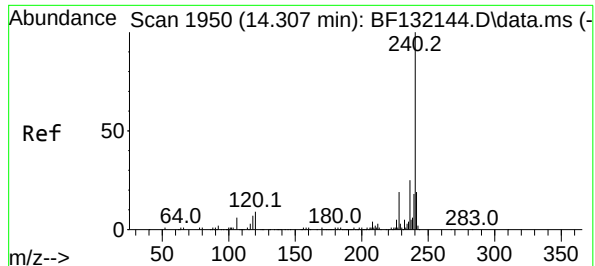


#75
Fluoranthene
Concen: 6.015 ng
RT: 12.860 min Scan# 1704
Delta R.T. -0.006 min
Lab File: BF132141.D
Acq: 19 Jan 2023 11:53



Tgt Ion:202 Resp: 223006
Ion Ratio Lower Upper
202 100
101 11.2 0.0 29.6
203 17.4 0.0 37.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.301 min Scan# 1949

Delta R.T. -0.006 min

Lab File: BF132141.D

Acq: 19 Jan 2023 11:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:240 Resp: 485083

Ion Ratio Lower Upper

240 100

120 9.8 6.9 10.3

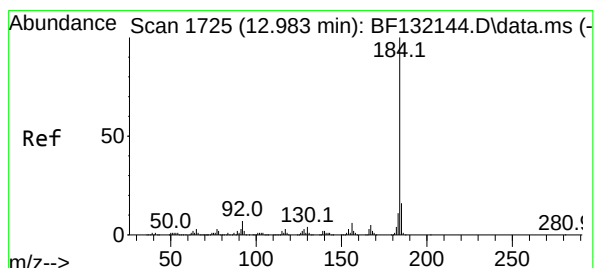
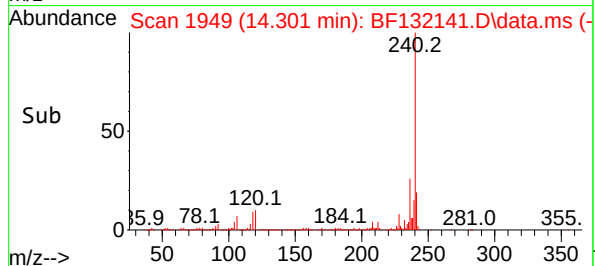
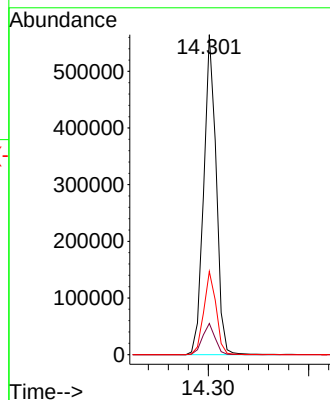
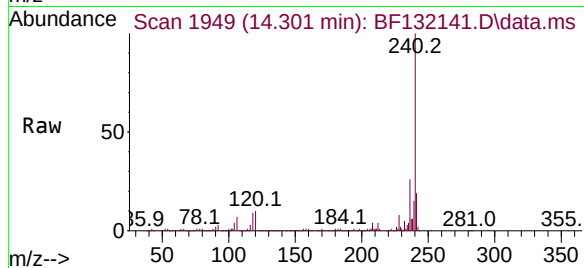
236 26.0 20.3 30.5

Manual Integrations

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#77

Benzidine

Concen: 5.056 ng

RT: 12.977 min Scan# 1724

Delta R.T. -0.006 min

Lab File: BF132141.D

Acq: 19 Jan 2023 11:53

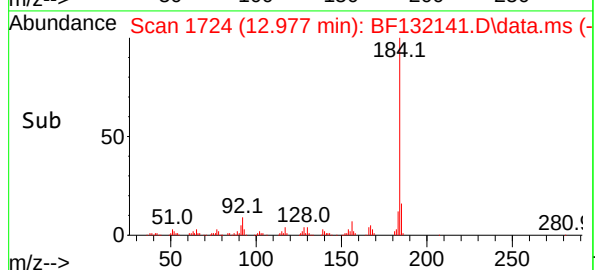
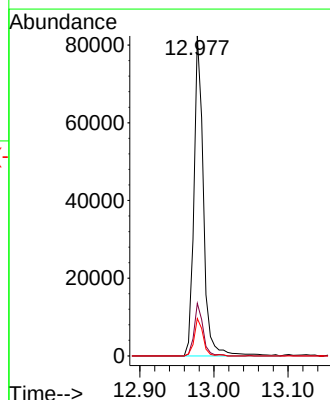
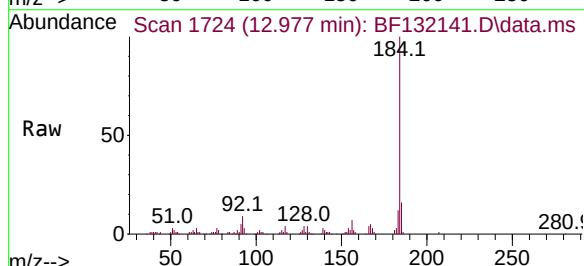
Tgt Ion:184 Resp: 73637

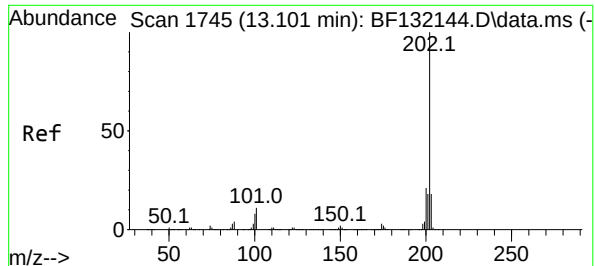
Ion Ratio Lower Upper

184 100

185 16.4 12.5 18.7

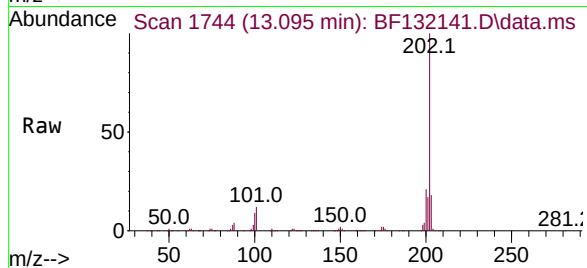
183 11.7 9.0 13.4





#78
Pyrene
Concen: 5.169 ng
RT: 13.095 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BF132141.D
Acq: 19 Jan 2023 11:53

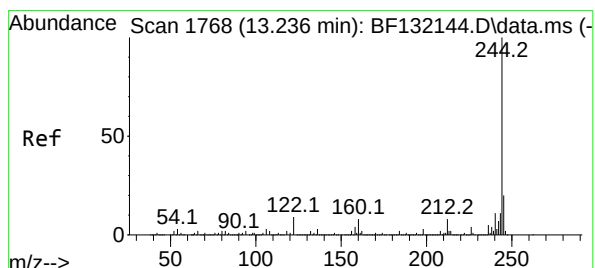
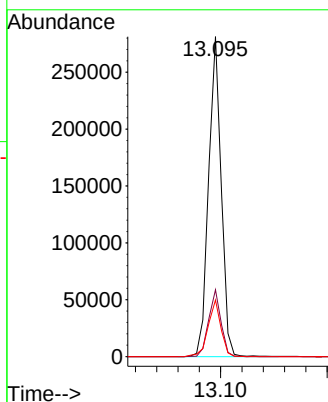
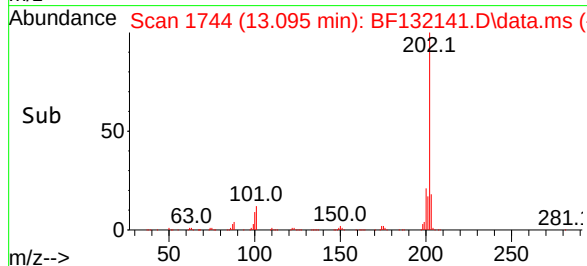
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



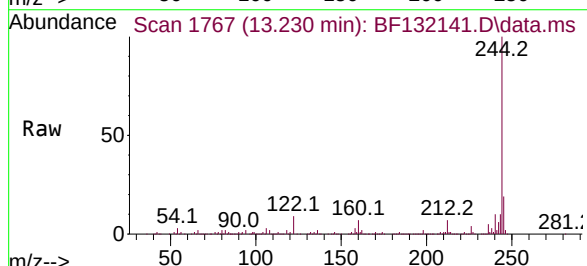
Tgt Ion:202 Resp: 231080
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.7 14.0 21.0

Manual Integrations
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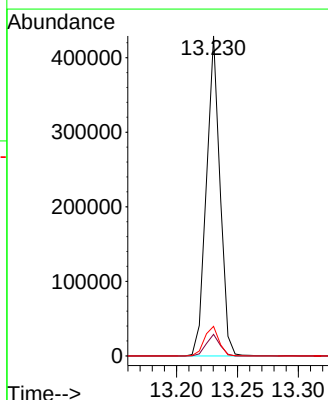
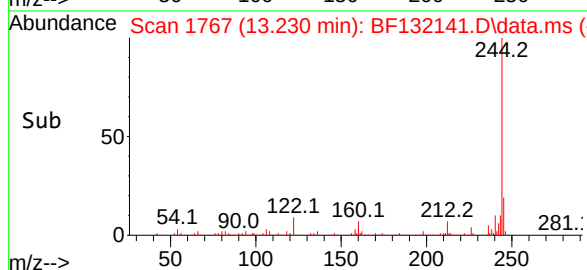
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

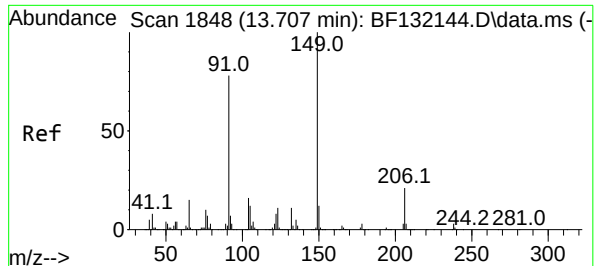


#79
Terphenyl-d14
Concen: 11.543 ng
RT: 13.230 min Scan# 1767
Delta R.T. -0.006 min
Lab File: BF132141.D
Acq: 19 Jan 2023 11:53



Tgt Ion:244 Resp: 334255
Ion Ratio Lower Upper
244 100
212 6.7 6.7 10.1#
122 9.2 7.4 11.2





#80

Butylbenzylphthalate

Concen: 3.373 ng

RT: 13.707 min Scan# 1848

Delta R.T. -0.000 min

Lab File: BF132141.D

Acq: 19 Jan 2023 11:53

Instrument :

BNA_F

ClientSampleId :

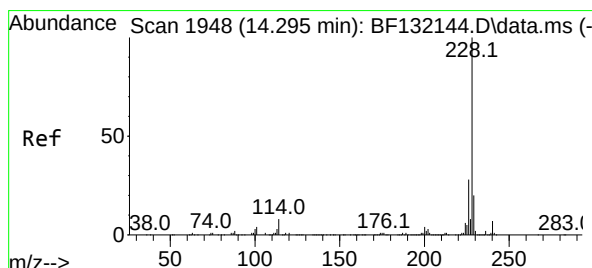
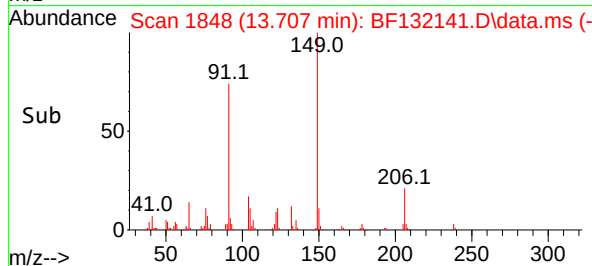
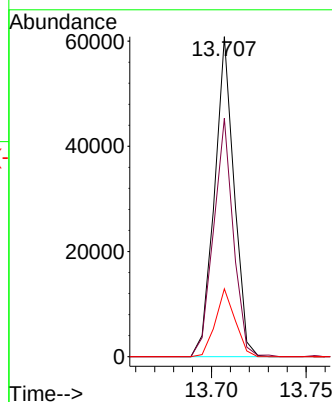
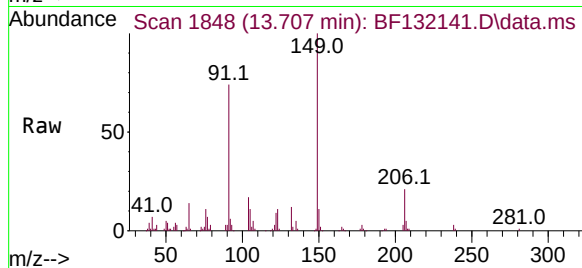
SSTDICC005

Tgt Ion:	149	Resp:	43698
Ion Ratio	Lower	Upper	
149	100		
91	74.5	62.6	94.0
206	21.2	16.4	24.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#81

Benzo(a)anthracene

Concen: 5.087 ng

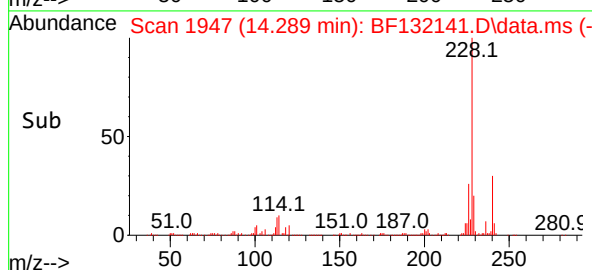
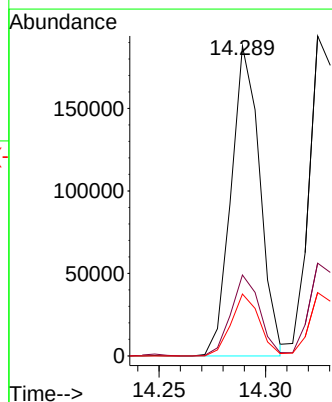
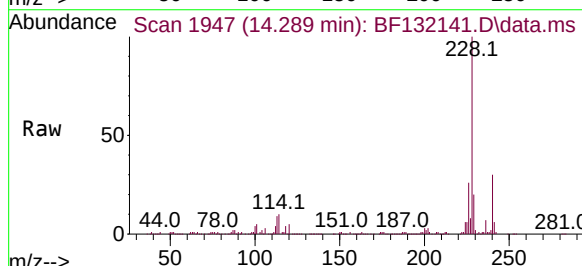
RT: 14.289 min Scan# 1947

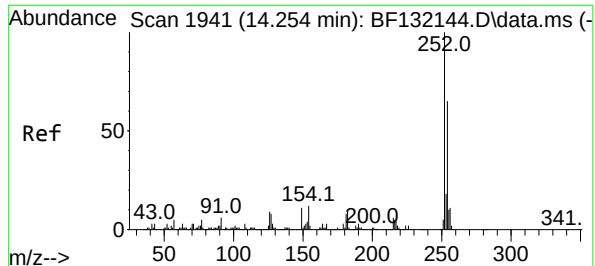
Delta R.T. -0.006 min

Lab File: BF132141.D

Acq: 19 Jan 2023 11:53

Tgt Ion:	228	Resp:	176274
Ion Ratio	Lower	Upper	
228	100		
226	26.1	22.5	33.7
229	20.0	16.1	24.1





#82

3,3'-Dichlorobenzidine

Concen: 3.900 ng

RT: 14.248 min Scan# 1940

Delta R.T. -0.006 min

Lab File: BF132141.D

Acq: 19 Jan 2023 11:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:252 Resp: 37640

Ion Ratio Lower Upper

252 100

254 64.7 52.4 78.6

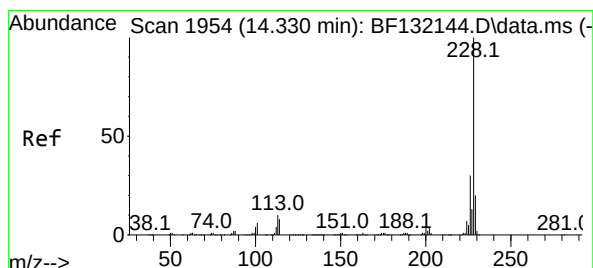
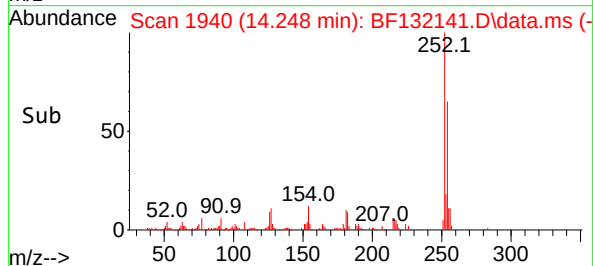
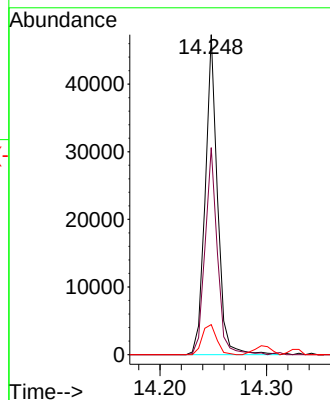
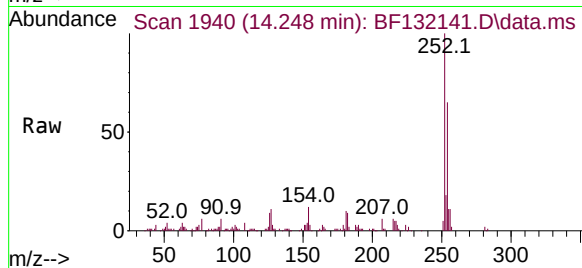
126 9.4 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#83

Chrysene

Concen: 5.358 ng

RT: 14.324 min Scan# 1953

Delta R.T. -0.006 min

Lab File: BF132141.D

Acq: 19 Jan 2023 11:53

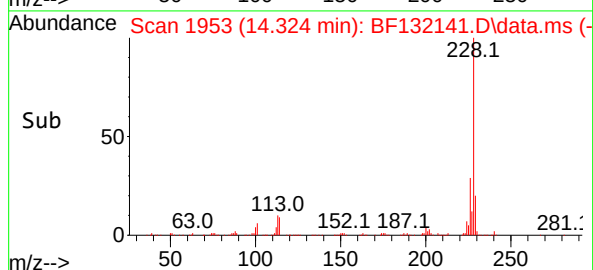
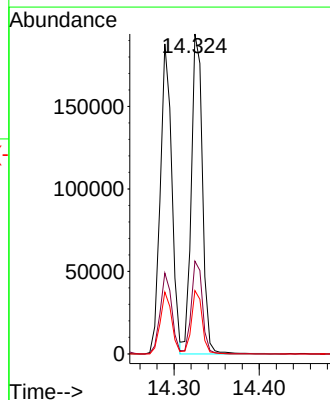
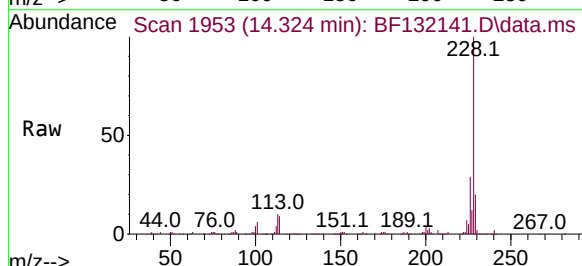
Tgt Ion:228 Resp: 176738

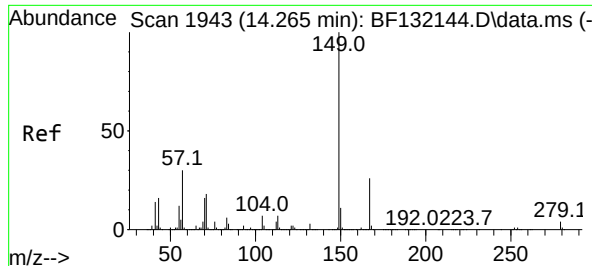
Ion Ratio Lower Upper

228 100

226 29.0 24.3 36.5

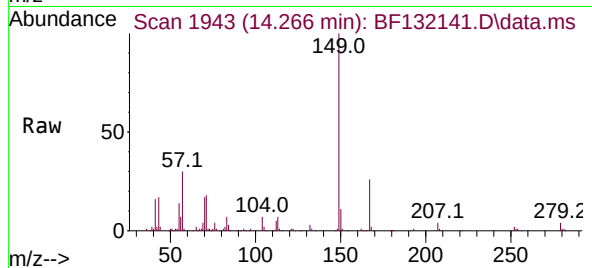
229 19.8 15.8 23.6





#84
Bis(2-ethylhexyl)phthalate
Concen: 3.345 ng
RT: 14.266 min Scan# 1943
Delta R.T. 0.001 min
Lab File: BF132141.D
Acq: 19 Jan 2023 11:53

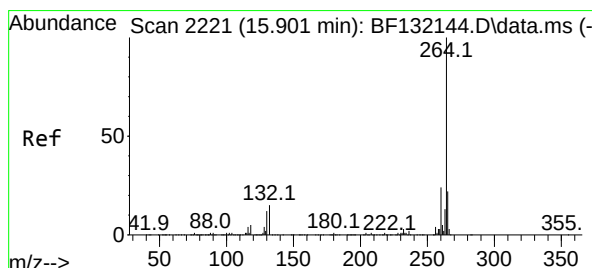
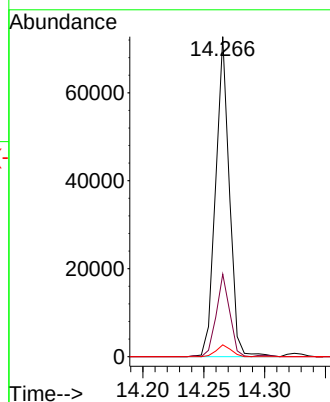
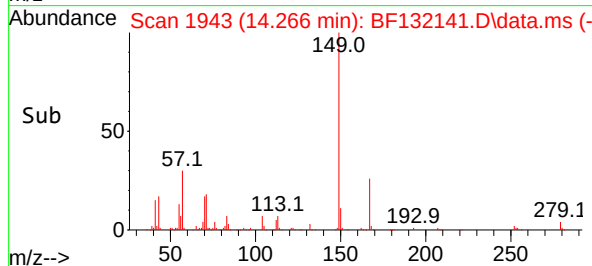
Instrument :
BNA_F
ClientSampleId :
SSTDIC005



Tgt Ion:149 Resp: 57226
Ion Ratio Lower Upper
149 100
167 25.8 21.0 31.6
279 3.7 3.2 4.8

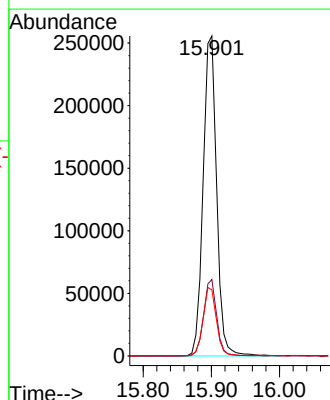
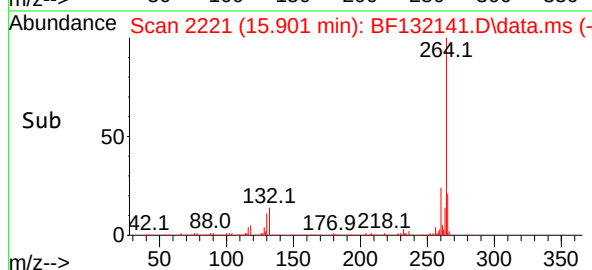
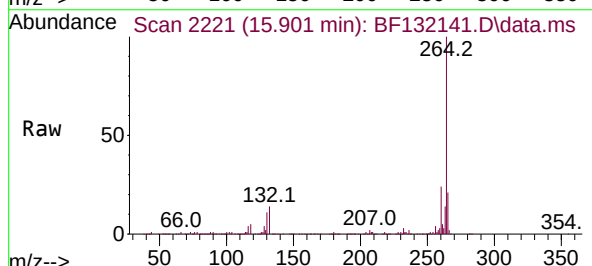
Manual Integrations
APPROVED

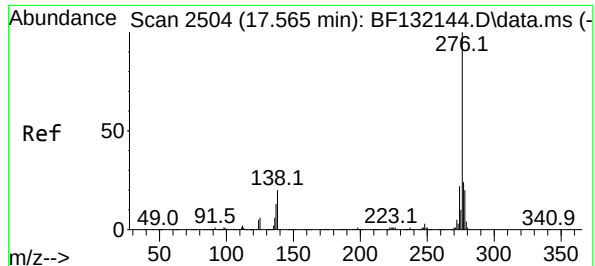
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.901 min Scan# 2221
Delta R.T. 0.000 min
Lab File: BF132141.D
Acq: 19 Jan 2023 11:53

Tgt Ion:264 Resp: 352188
Ion Ratio Lower Upper
264 100
260 23.9 19.1 28.7
265 20.6 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.765 ng

RT: 17.548 min Scan# 21

Delta R.T. -0.017 min

Lab File: BF132141.D

Acq: 19 Jan 2023 11:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:276 Resp: 96216

Ion Ratio Lower Upper

276 100

138 23.6 17.9 26.9

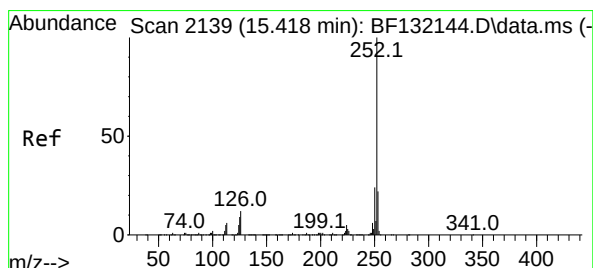
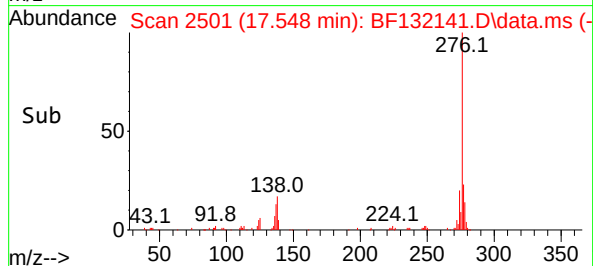
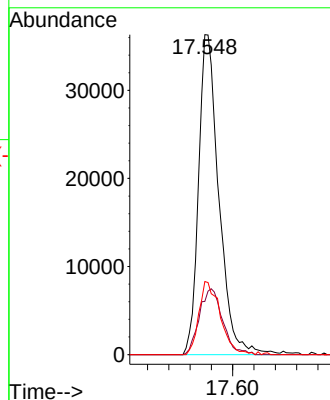
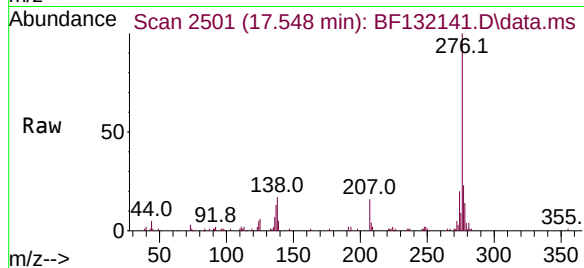
277 24.0 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#88

Benzo(b)fluoranthene

Concen: 5.288 ng

RT: 15.413 min Scan# 2138

Delta R.T. -0.005 min

Lab File: BF132141.D

Acq: 19 Jan 2023 11:53

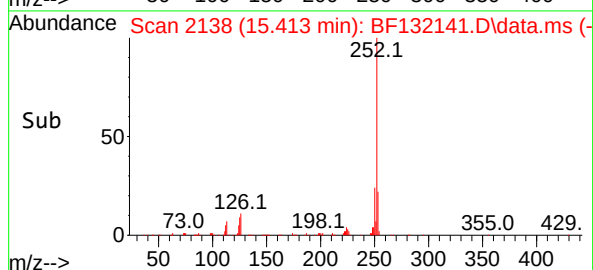
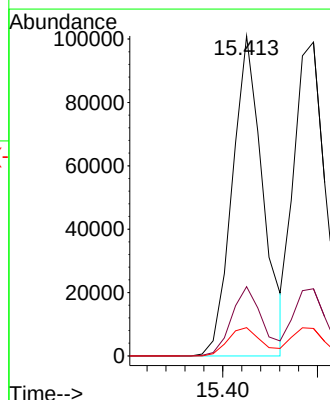
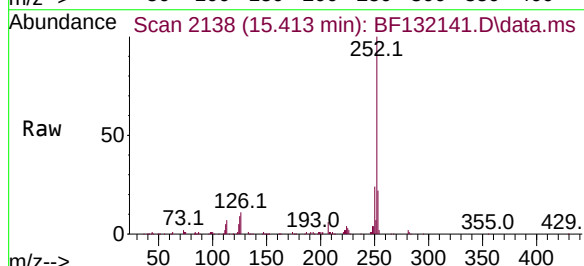
Tgt Ion:252 Resp: 113397

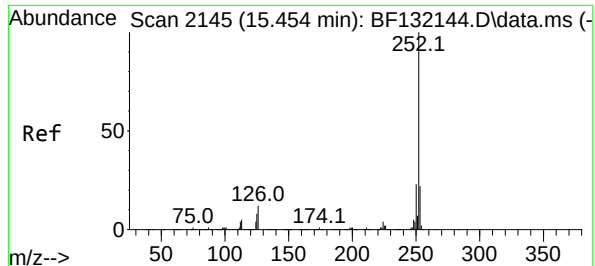
Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.6

125 8.8 7.2 10.8





#89

Benzo(k)fluoranthene

Concen: 5.377 ng

RT: 15.448 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF132141.D

Acq: 19 Jan 2023 11:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:252 Resp: 11760

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.0

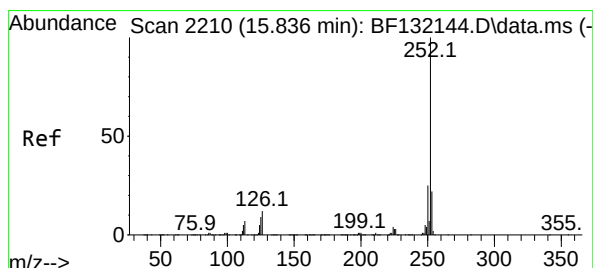
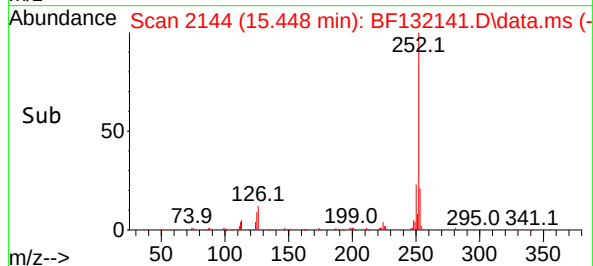
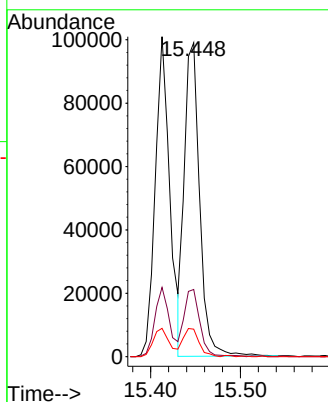
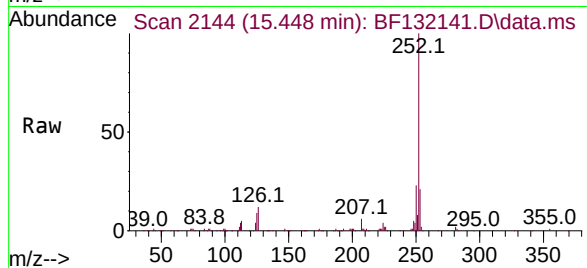
125 8.8 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#90

Benzo(a)pyrene

Concen: 4.796 ng

RT: 15.824 min Scan# 2208

Delta R.T. -0.012 min

Lab File: BF132141.D

Acq: 19 Jan 2023 11:53

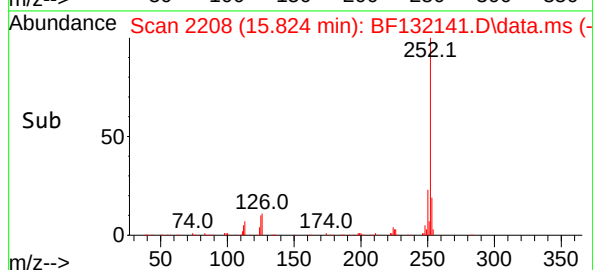
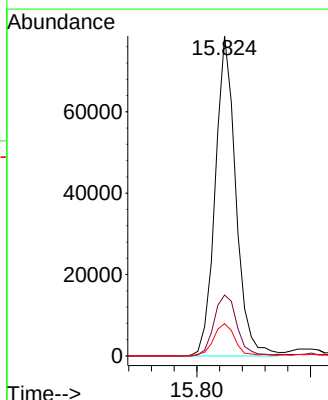
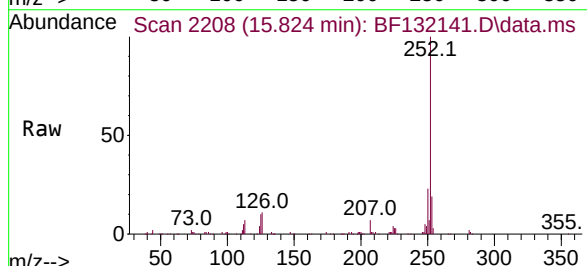
Tgt Ion:252 Resp: 98927

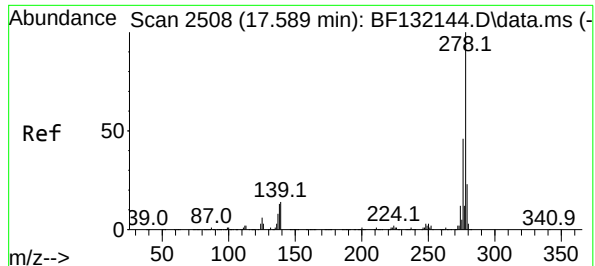
Ion Ratio Lower Upper

252 100

253 19.0 17.5 26.3

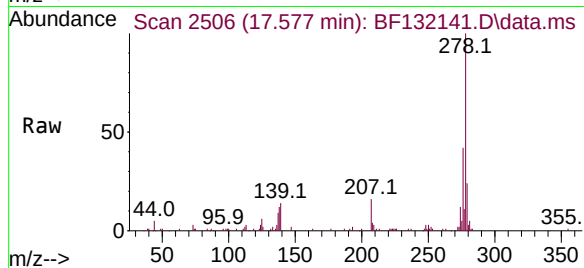
125 10.1 7.3 10.9





#91
Dibenzo(a,h)anthracene
Concen: 3.912 ng
RT: 17.577 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF132141.D
Acq: 19 Jan 2023 11:53

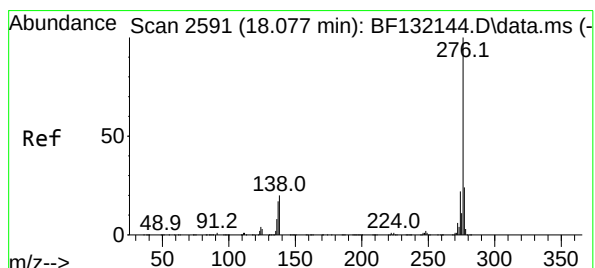
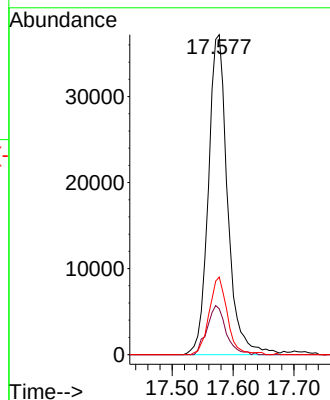
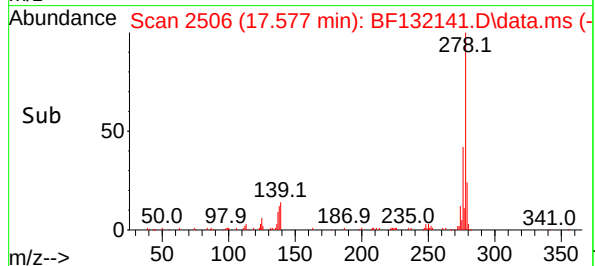
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion: 278 Resp: 81546
Ion Ratio Lower Upper
278 100
139 14.3 11.4 17.2
279 24.2 18.6 28.0

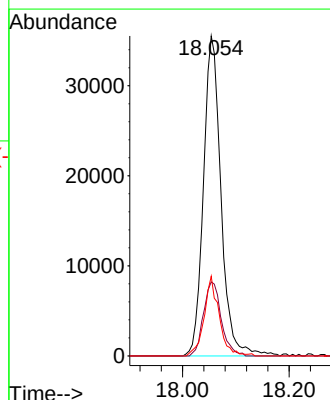
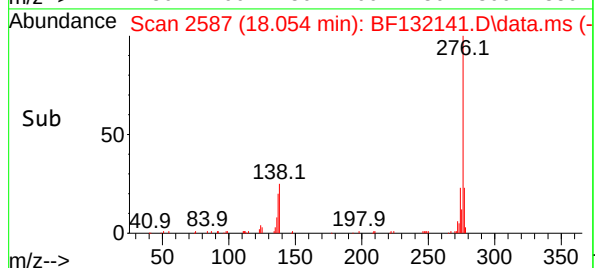
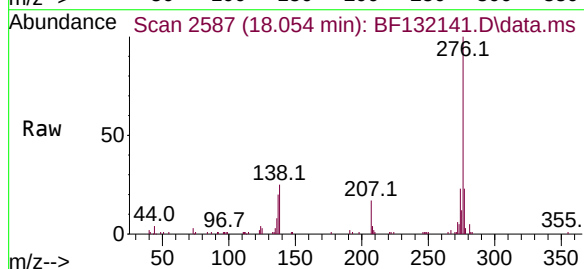
Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 01/20/2023
Supervised By : Jagrut Upadhyay 01/20/2023



#92
Benzo(g,h,i)perylene
Concen: 3.715 ng
RT: 18.054 min Scan# 2587
Delta R.T. -0.023 min
Lab File: BF132141.D
Acq: 19 Jan 2023 11:53

Tgt Ion: 276 Resp: 81471
Ion Ratio Lower Upper
276 100
277 23.1 18.9 28.3
138 24.9 15.7 23.5#



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011923\
 Data File : BF132142.D
 Acq On : 19 Jan 2023 12:26
 Operator : CG\JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Jan 20 00:10:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:07:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.090	152	181294	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	635776	20.000	ng	0.00
39) Acenaphthene-d10	10.142	164	343275	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	671726	20.000	ng	0.00
76) Chrysene-d12	14.301	240	434613	20.000	ng	0.00
86) Perylene-d12	15.901	264	339398	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.701	112	225836	21.761	ng	0.00
7) Phenol-d6	6.690	99	279343	21.382	ng	-0.01
23) Nitrobenzene-d5	7.648	82	232920	19.462	ng	0.00
42) 2,4,6-Tribromophenol	10.930	330	70890	19.333	ng	0.00
45) 2-Fluorobiphenyl	9.454	172	524790	23.925	ng	0.00
79) Terphenyl-d14	13.230	244	564308	21.750	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.019	88	53539	10.183	ng	98
3) Pyridine	3.778	79	139529	9.886	ng	98
4) n-Nitrosodimethylamine	3.719	42	63909	9.628	ng	99
6) Aniline	6.748	93	189455	10.428	ng	97
8) 2-Chlorophenol	6.872	128	118344	10.848	ng	92
9) Benzaldehyde	6.643	77	98463	11.715	ng	97
10) Phenol	6.701	94	148332	10.906	ng	95
11) bis(2-Chloroethyl)ether	6.813	93	121564	10.559	ng	99
12) 1,3-Dichlorobenzene	7.031	146	132193	10.841	ng	96
13) 1,4-Dichlorobenzene	7.107	146	131526	10.809	ng	99
14) 1,2-Dichlorobenzene	7.260	146	126058	11.204	ng	96
15) Benzyl Alcohol	7.219	79	99939	9.866	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.354	45	177617	10.614	ng	98
17) 2-Methylphenol	7.319	107	99555	10.417	ng	98
18) Hexachloroethane	7.607	117	44062	10.088	ng	97
19) n-Nitroso-di-n-propyla...	7.484	70	87979	10.994	ng	97
20) 3+4-Methylphenols	7.472	107	130094	10.803	ng	95
22) Acetophenone	7.490	105	167799	10.981	ng	96
24) Nitrobenzene	7.666	77	124607	9.834	ng	96
25) Isophorone	7.901	82	235392	10.052	ng	99
26) 2-Nitrophenol	7.984	139	33479	7.579	ng	97
27) 2,4-Dimethylphenol	8.007	122	104848	10.348	ng	98
28) bis(2-Chloroethoxy)met...	8.113	93	149878	10.668	ng	97
29) 2,4-Dichlorophenol	8.219	162	94733	9.848	ng	98
30) 1,2,4-Trichlorobenzene	8.313	180	114575	10.486	ng	100
31) Naphthalene	8.401	128	355602	10.891	ng	98
32) Benzoic acid	8.066	122	37655	6.331	ng	92
33) 4-Chloroaniline	8.437	127	150762	10.789	ng	96
34) Hexachlorobutadiene	8.513	225	74489	10.148	ng	99
35) Caprolactam	8.778	113	25712	9.443	ng	87
36) 4-Chloro-3-methylphenol	8.901	107	97071	10.027	ng	98
37) 2-Methylnaphthalene	9.089	142	248900	11.072	ng	96
38) 1-Methylnaphthalene	9.189	142	228574	10.927	ng	99
40) 1,2,4,5-Tetrachloroben...	9.254	216	126425	10.585	ng	99
41) Hexachlorocyclopentadiene	9.242	237	52593	8.069	ng	99
43) 2,4,6-Trichlorophenol	9.360	196	70987	9.577	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011923\
 Data File : BF132142.D
 Acq On : 19 Jan 2023 12:26
 Operator : CG\JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Jan 20 00:10:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:07:35 2023
 Response via : Initial Calibration

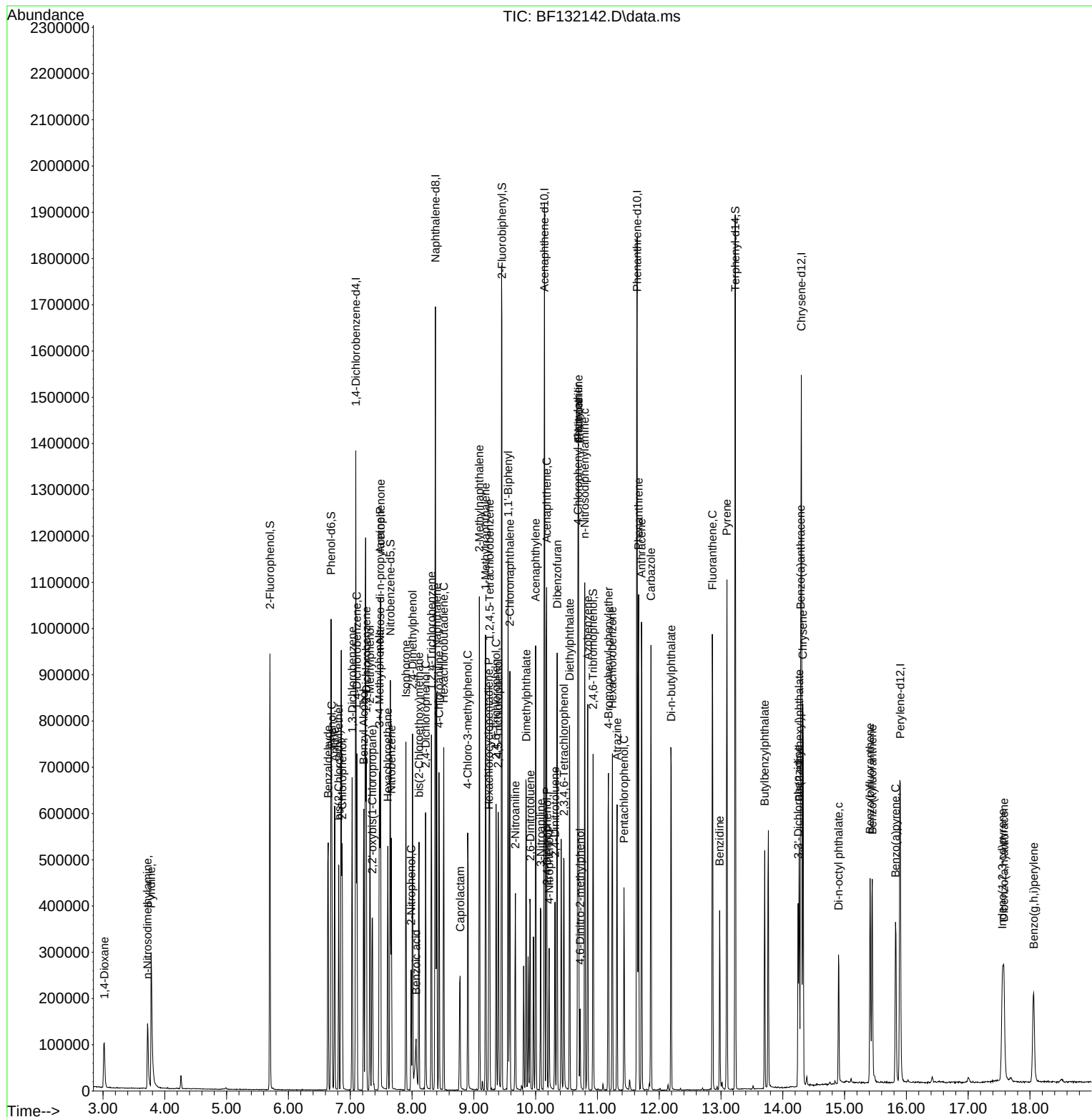
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.395	196	83630	9.647	ng	99
46) 1,1'-Biphenyl	9.554	154	293487	10.837	ng	100
47) 2-Chloronaphthalene	9.584	162	222092	10.609	ng	99
48) 2-Nitroaniline	9.672	65	49471	8.207	ng	99
49) Acenaphthylene	10.001	152	356712	10.651	ng	98
50) Dimethylphthalate	9.848	163	260923	10.495	ng	99
51) 2,6-Dinitrotoluene	9.913	165	43419	9.010	ng	99
52) Acenaphthene	10.178	154	217757	10.810	ng	96
53) 3-Nitroaniline	10.083	138	49662	9.639	ng	95
54) 2,4-Dinitrophenol	10.183	184	13395	6.882	ng	# 1
55) Dibenzofuran	10.348	168	338245	10.865	ng	97
56) 4-Nitrophenol	10.219	139	32842	8.759	ng	94
57) 2,4-Dinitrotoluene	10.313	165	48250	8.342	ng	97
58) Fluorene	10.695	166	258139	11.191	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.460	232	62761	9.517	ng	99
60) Diethylphthalate	10.548	149	256262	10.511	ng	99
61) 4-Chlorophenyl-phenyle...	10.683	204	134364	10.878	ng	92
62) 4-Nitroaniline	10.695	138	47271	9.855	ng	90
63) Azobenzene	10.842	77	260037	10.627	ng	99
65) 4,6-Dinitro-2-methylph...	10.719	198	19587	6.725	ng	96
66) n-Nitrosodiphenylamine	10.795	169	228808	10.636	ng	98
67) 4-Bromophenyl-phenylether	11.178	248	84869	10.365	ng	90
68) Hexachlorobenzene	11.242	284	83441	10.254	ng	99
69) Atrazine	11.319	200	67709	10.201	ng	98
70) Pentachlorophenol	11.430	266	45654	8.731	ng	97
71) Phenanthrene	11.666	178	380704	10.800	ng	99
72) Anthracene	11.713	178	386327	10.833	ng	98
73) Carbazole	11.866	167	334989	10.997	ng	98
74) Di-n-butylphthalate	12.195	149	353393	10.421	ng	99
75) Fluoranthene	12.860	202	399560	11.035	ng	98
77) Benzidine	12.977	184	137915	10.569	ng	99
78) Pyrene	13.095	202	410756	10.255	ng	99
80) Butylbenzylphthalate	13.707	149	93001	8.012	ng	94
81) Benzo(a)anthracene	14.289	228	308379	9.932	ng	99
82) 3,3'-Dichlorobenzidine	14.248	252	75066	8.681	ng	# 97
83) Chrysene	14.324	228	296684	10.039	ng	100
84) Bis(2-ethylhexyl)phtha...	14.266	149	118849	7.754	ng	100
85) Di-n-octyl phthalate	14.901	149	129384	5.499	ng	96
87) Indeno(1,2,3-cd)pyrene	17.554	276	203109	8.246	ng	97
88) Benzo(b)fluoranthene	15.413	252	209435	10.135	ng	99
89) Benzo(k)fluoranthene	15.448	252	220873	10.480	ng	100
90) Benzo(a)pyrene	15.824	252	186928	9.403	ng	# 96
91) Dibenzo(a,h)anthracene	17.577	278	171280	8.527	ng	99
92) Benzo(g,h,i)perylene	18.059	276	176091	8.331	ng	99

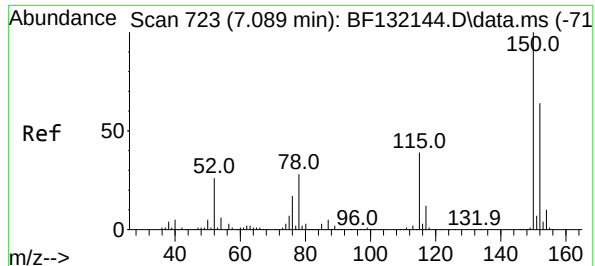
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On    : 19 Jan 2023  12:26  
Operator  : CG\JU  
Sample    : SSTDICC010  
Misc      :  
ALS Vial  : 4    Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Jan 20 00:10:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 20 00:07:35 2023
Response via : Initial Calibration

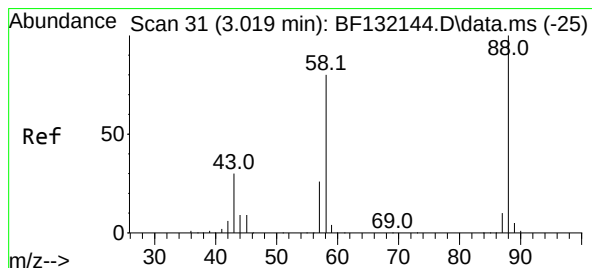
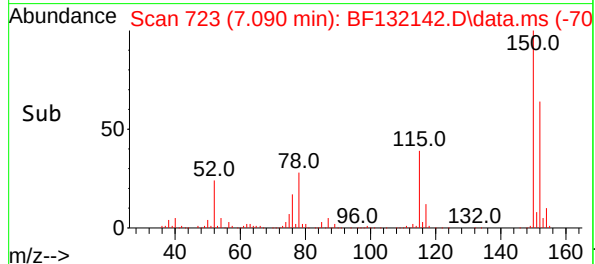
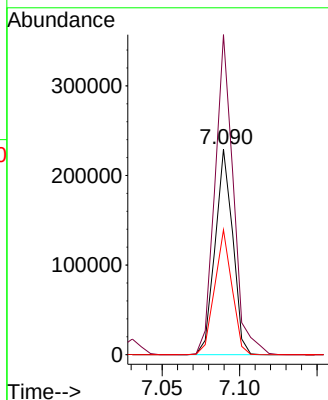
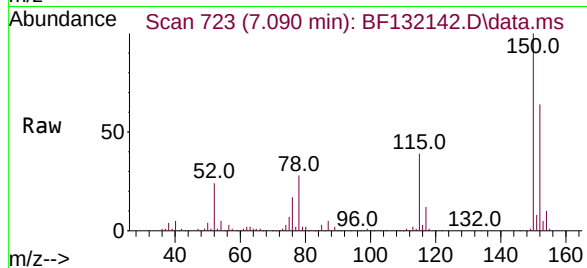




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.090 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF132142.D
Acq: 19 Jan 2023 12:26

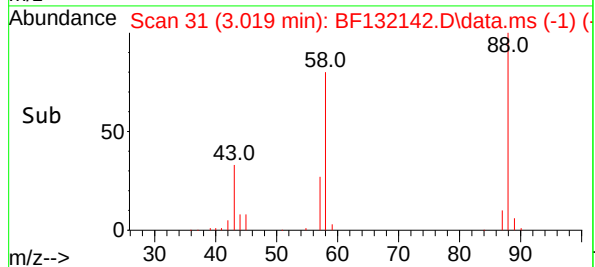
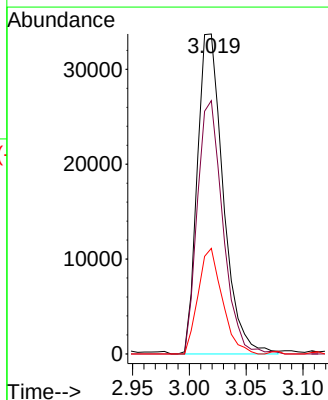
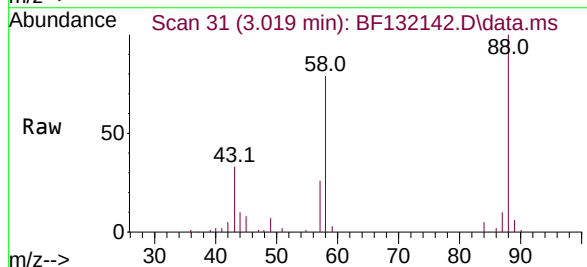
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

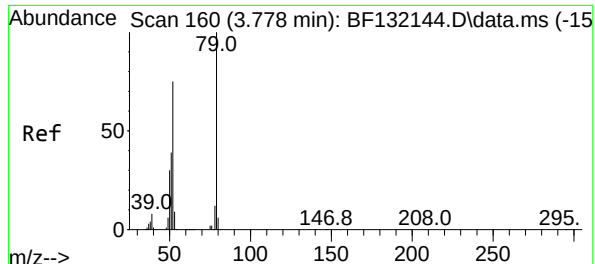
Tgt Ion:152 Resp: 181294
Ion Ratio Lower Upper
152 100
150 155.7 125.8 188.8
115 60.7 49.2 73.8



#2
1,4-Dioxane
Concen: 10.183 ng
RT: 3.019 min Scan# 31
Delta R.T. 0.000 min
Lab File: BF132142.D
Acq: 19 Jan 2023 12:26

Tgt Ion: 88 Resp: 53539
Ion Ratio Lower Upper
88 100
58 77.5 64.0 96.0
43 30.7 24.2 36.4

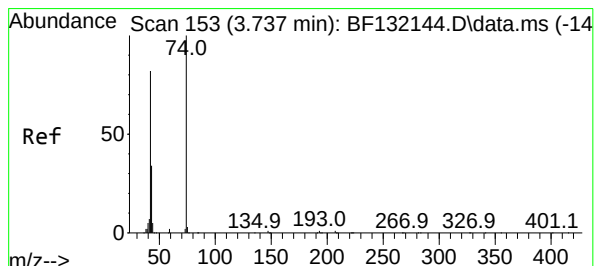
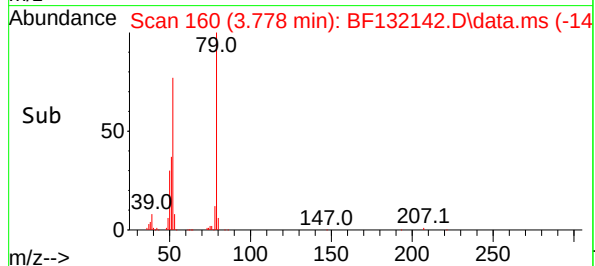
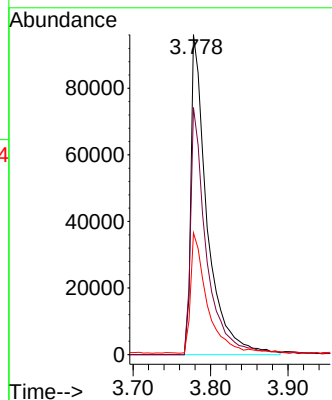
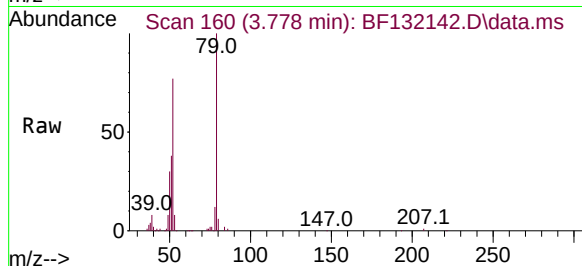




#3
Pyridine
Concen: 9.886 ng
RT: 3.778 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF132142.D
Acq: 19 Jan 2023 12:26

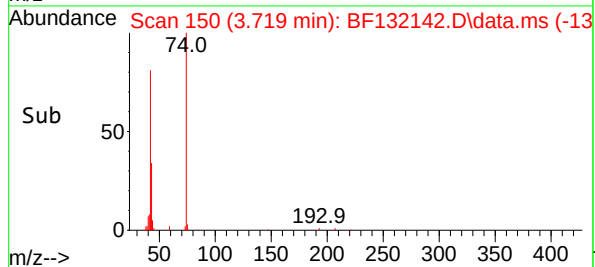
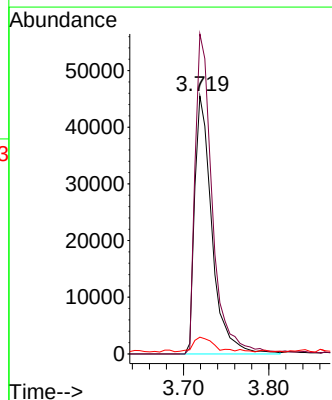
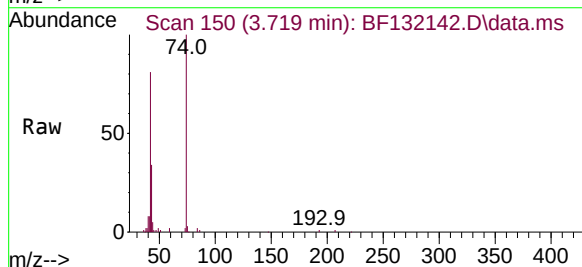
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

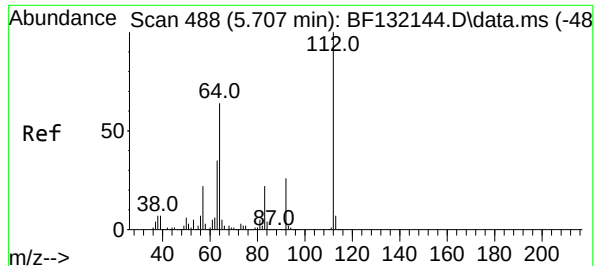
Tgt Ion: 79 Resp: 139529
Ion Ratio Lower Upper
79 100
52 77.2 60.1 90.1
51 38.0 31.4 47.0



#4
n-Nitrosodimethylamine
Concen: 9.628 ng
RT: 3.719 min Scan# 150
Delta R.T. -0.018 min
Lab File: BF132142.D
Acq: 19 Jan 2023 12:26

Tgt Ion: 42 Resp: 63909
Ion Ratio Lower Upper
42 100
74 124.1 98.1 147.1
44 6.5 5.2 7.8

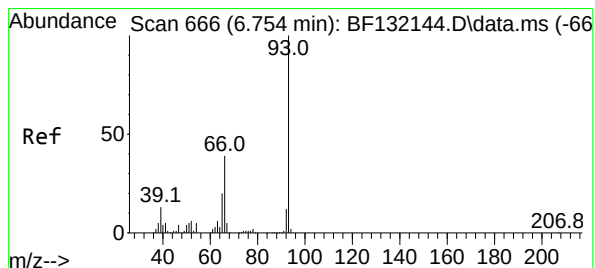
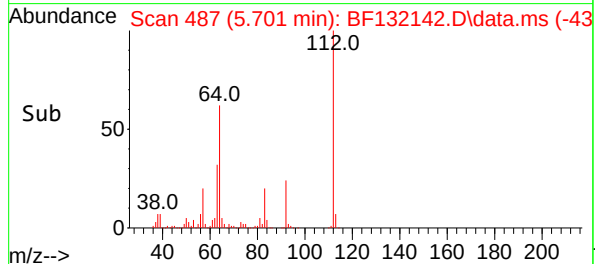
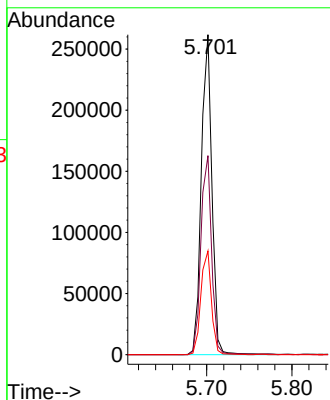
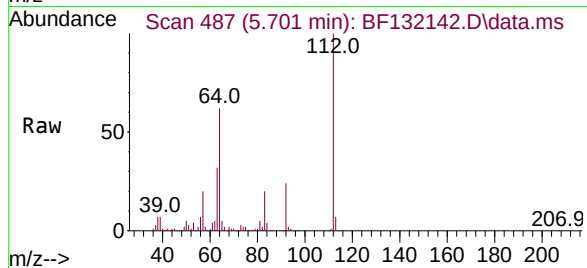




#5
2-Fluorophenol
Concen: 21.761 ng
RT: 5.701 min Scan# 488
Delta R.T. -0.006 min
Lab File: BF132142.D
Acq: 19 Jan 2023 12:26

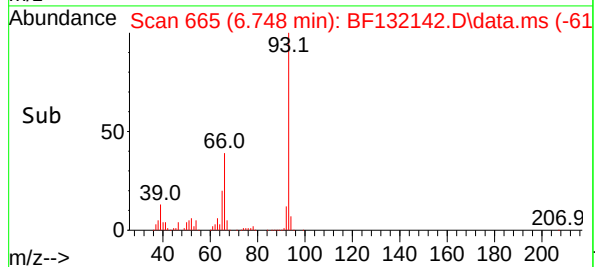
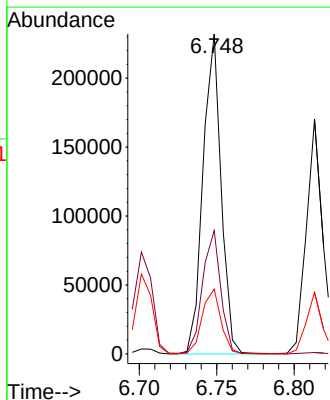
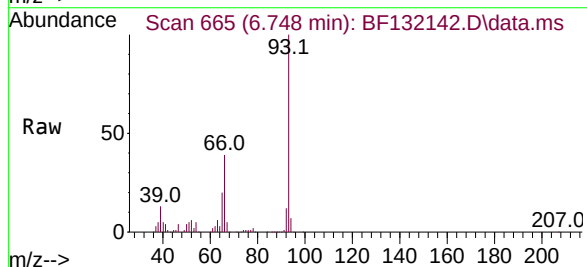
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

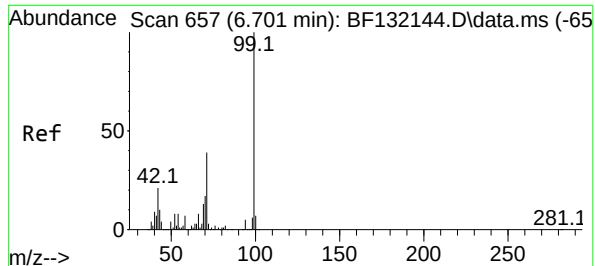
Tgt Ion: 112 Resp: 225836
Ion Ratio Lower Upper
112 100
64 62.2 51.4 77.0
63 32.4 28.2 42.2



#6
Aniline
Concen: 10.428 ng
RT: 6.748 min Scan# 665
Delta R.T. -0.006 min
Lab File: BF132142.D
Acq: 19 Jan 2023 12:26

Tgt Ion: 93 Resp: 189455
Ion Ratio Lower Upper
93 100
66 38.5 33.0 49.6
65 20.2 16.8 25.2





#7

Phenol-d6

Concen: 21.382 ng

RT: 6.690 min Scan# 61

Delta R.T. -0.012 min

Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

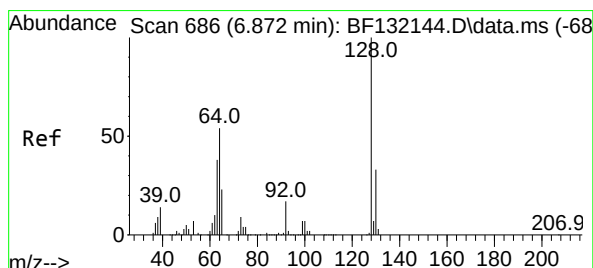
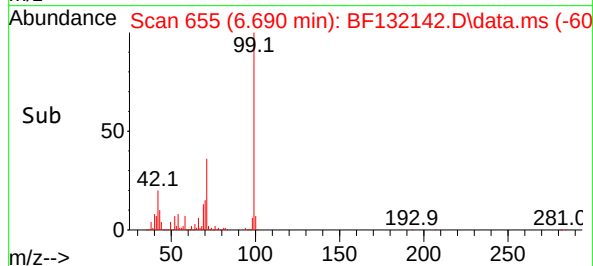
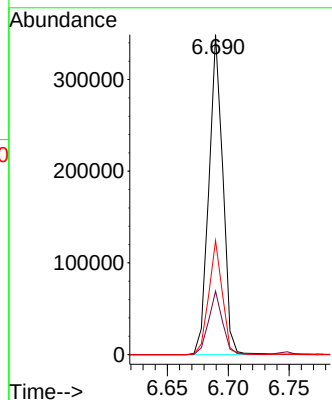
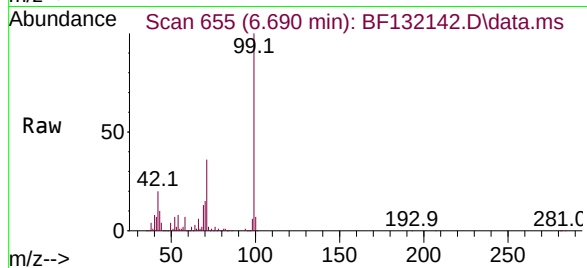
Tgt Ion: 99 Resp: 279343

Ion Ratio Lower Upper

99 100

42 19.8 16.6 24.8

71 35.6 30.8 46.2



#8

2-Chlorophenol

Concen: 10.848 ng

RT: 6.872 min Scan# 686

Delta R.T. 0.000 min

Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

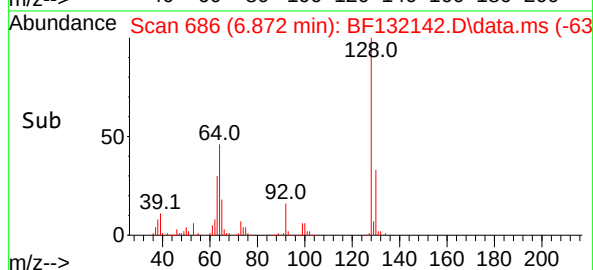
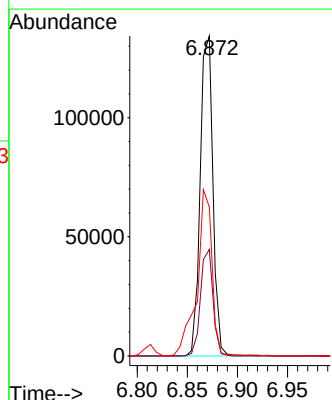
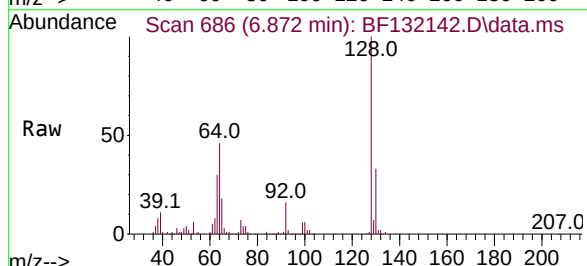
Tgt Ion: 128 Resp: 118344

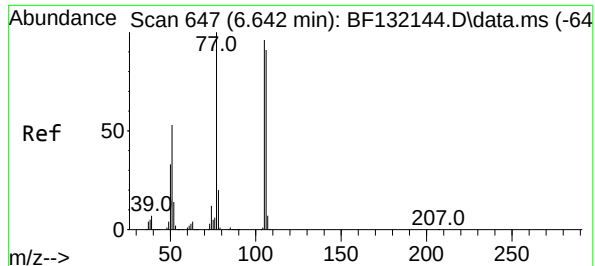
Ion Ratio Lower Upper

128 100

130 33.3 12.8 52.8

64 46.5 34.8 74.8

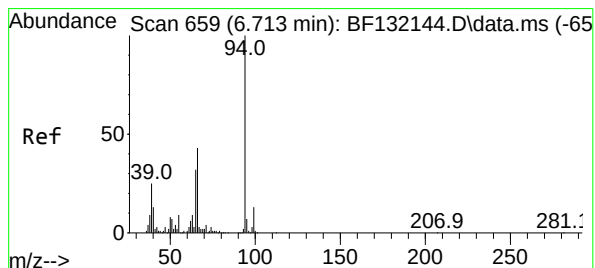
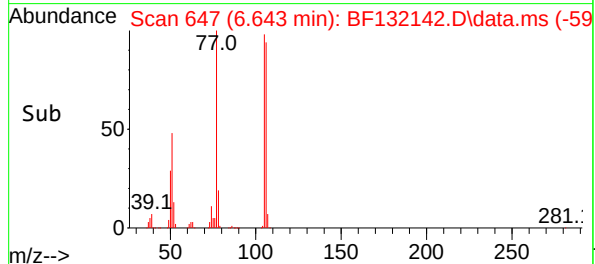
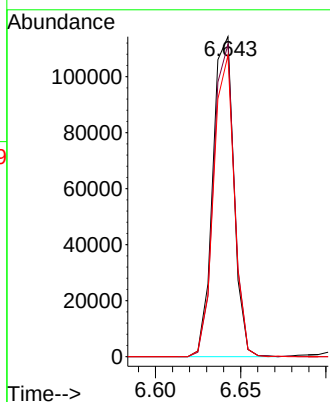
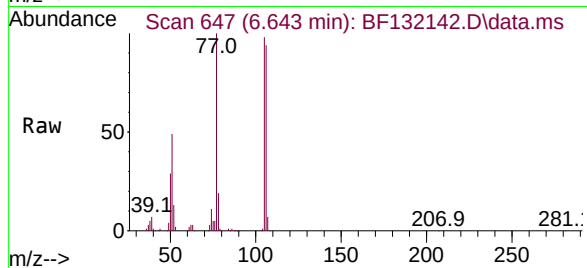




#9
Benzaldehyde
Concen: 11.715 ng
RT: 6.643 min Scan# 647
Delta R.T. 0.001 min
Lab File: BF132142.D
Acq: 19 Jan 2023 12:26

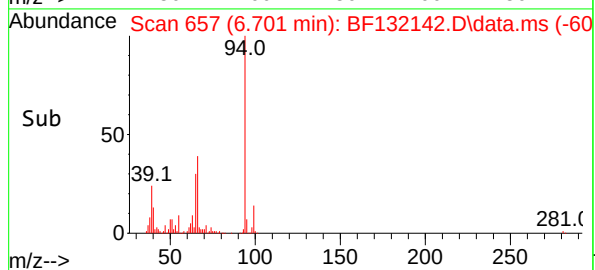
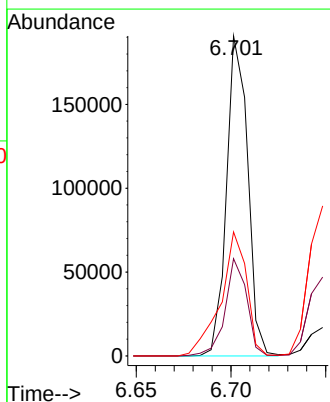
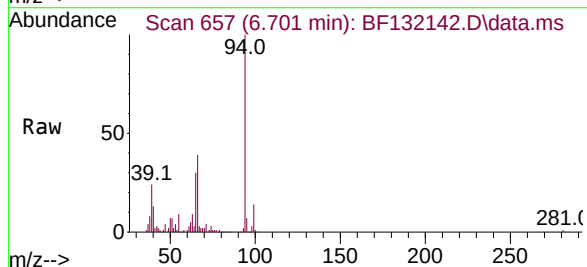
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

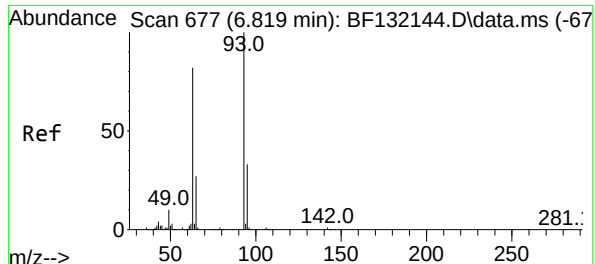
Tgt Ion: 77 Resp: 98463
Ion Ratio Lower Upper
77 100
105 97.5 75.5 115.5
106 94.2 70.7 110.7



#10
Phenol
Concen: 10.906 ng
RT: 6.701 min Scan# 657
Delta R.T. -0.012 min
Lab File: BF132142.D
Acq: 19 Jan 2023 12:26

Tgt Ion: 94 Resp: 148332
Ion Ratio Lower Upper
94 100
65 30.4 12.0 52.0
66 38.7 22.7 62.7

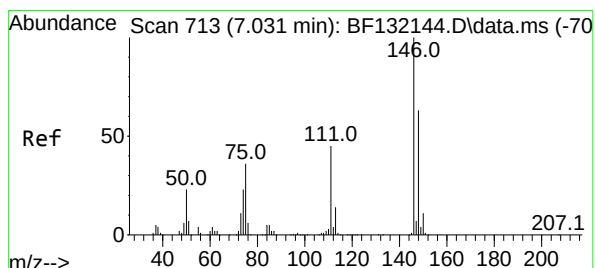
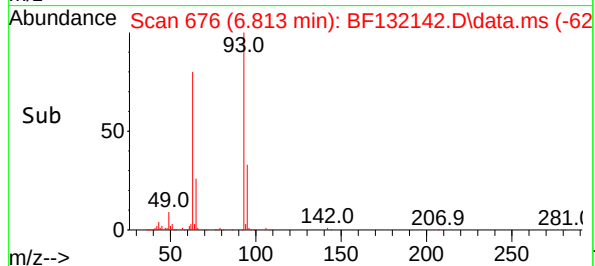
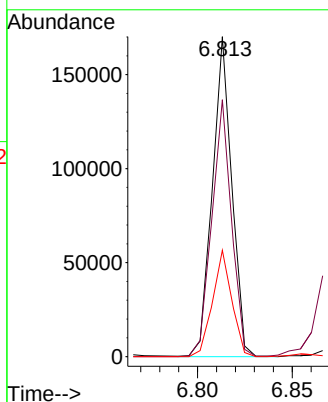
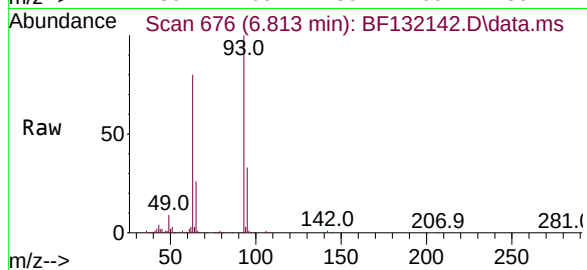




#11
bis(2-Chloroethyl)ether
Concen: 10.559 ng
RT: 6.813 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132142.D
Acq: 19 Jan 2023 12:26

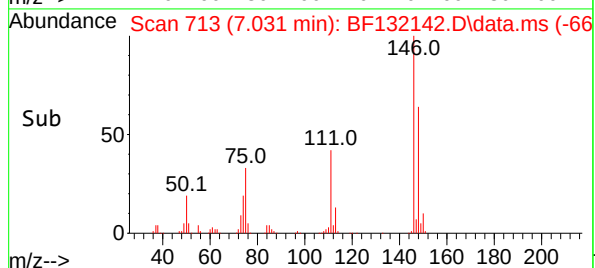
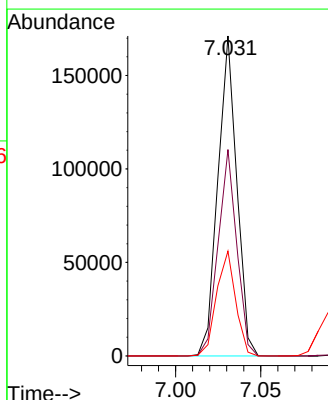
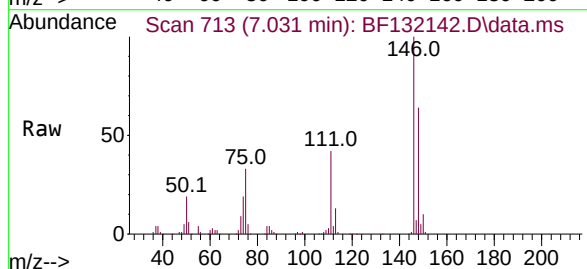
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

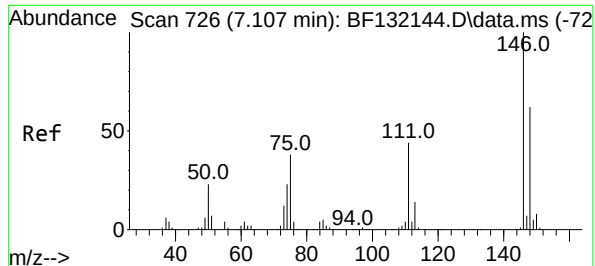
Tgt Ion: 93 Resp: 121564
Ion Ratio Lower Upper
93 100
63 80.3 61.6 101.6
95 33.2 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 10.841 ng
RT: 7.031 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF132142.D
Acq: 19 Jan 2023 12:26

Tgt Ion: 146 Resp: 132193
Ion Ratio Lower Upper
146 100
148 64.5 50.0 75.0
75 32.7 28.8 43.2





#13

1,4-Dichlorobenzene

Concen: 10.809 ng

RT: 7.107 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

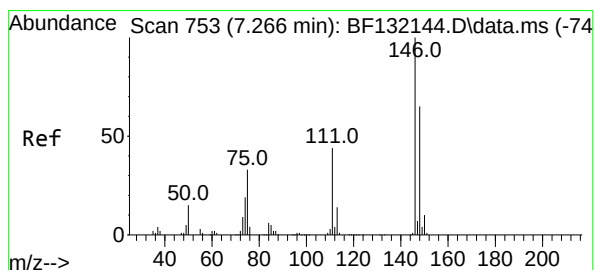
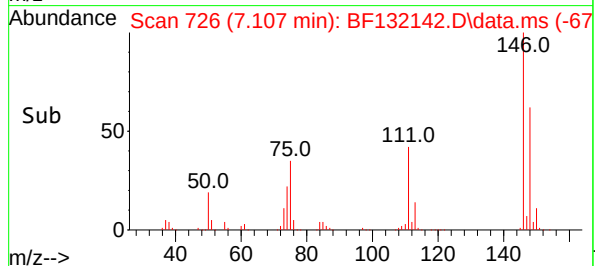
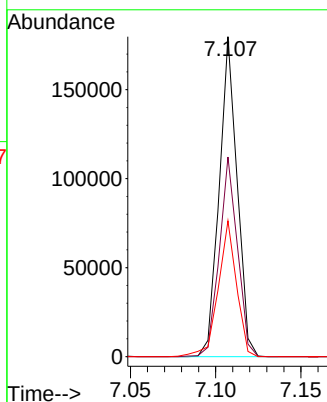
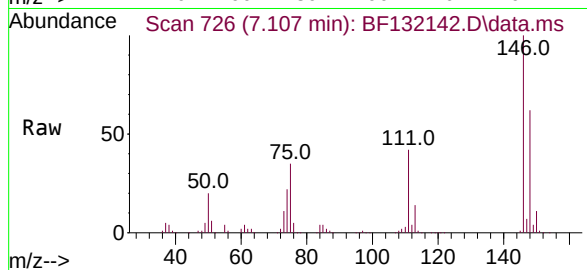
Tgt Ion:146 Resp: 131526

Ion Ratio Lower Upper

146 100

148 62.4 49.9 74.9

111 42.4 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 11.204 ng

RT: 7.260 min Scan# 752

Delta R.T. -0.006 min

Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

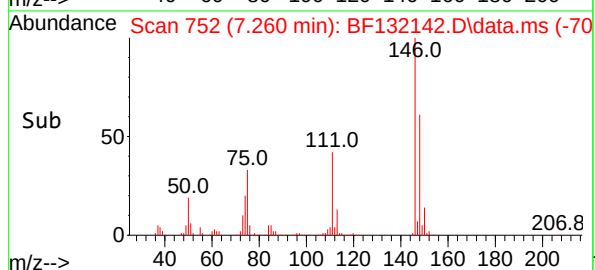
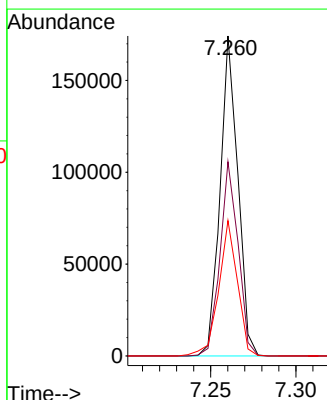
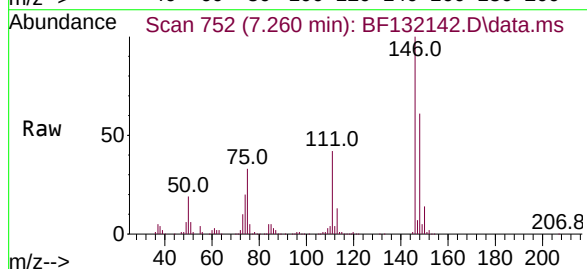
Tgt Ion:146 Resp: 126058

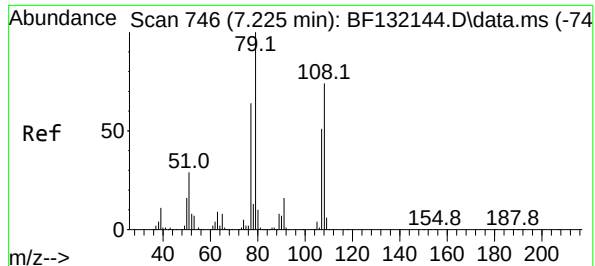
Ion Ratio Lower Upper

146 100

148 60.7 52.0 78.0

111 42.3 35.4 53.2





#15

Benzyl Alcohol

Concen: 9.866 ng

RT: 7.219 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

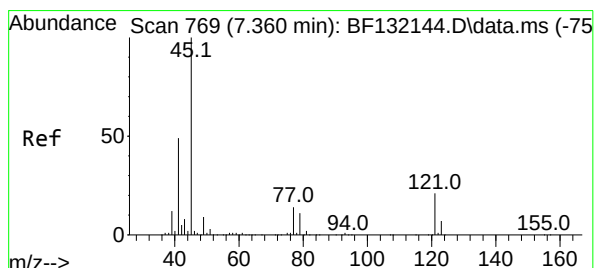
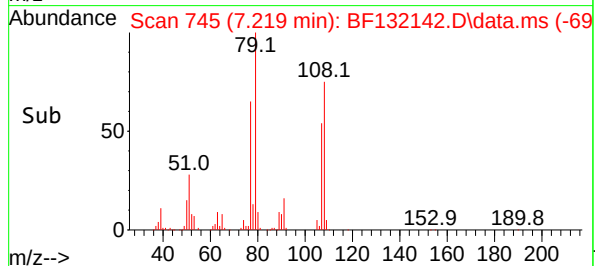
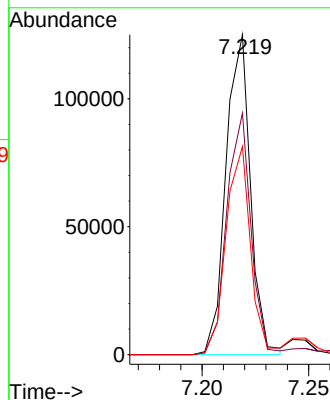
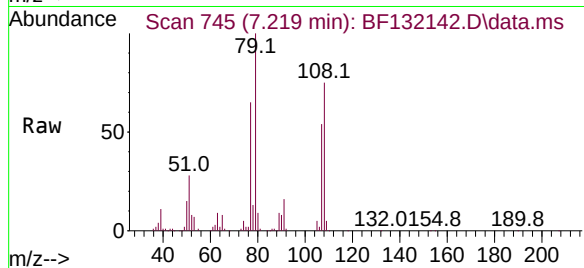
Tgt Ion: 79 Resp: 99939

Ion Ratio Lower Upper

79 100

108 75.5 58.9 88.3

77 65.0 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.614 ng

RT: 7.354 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

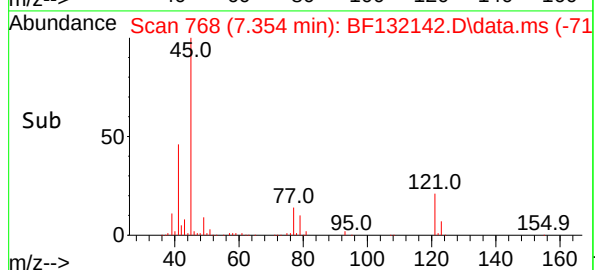
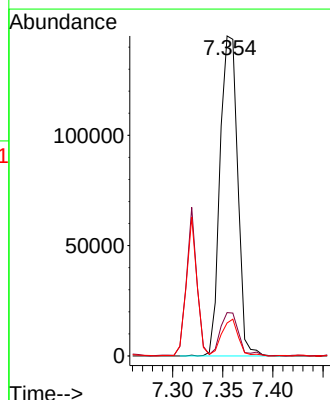
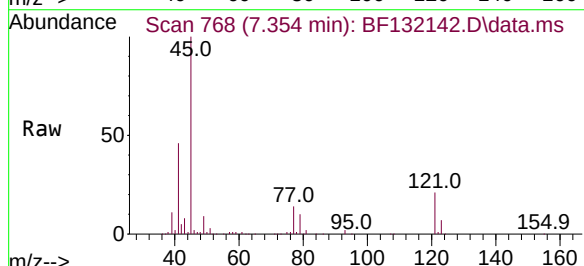
Tgt Ion: 45 Resp: 177617

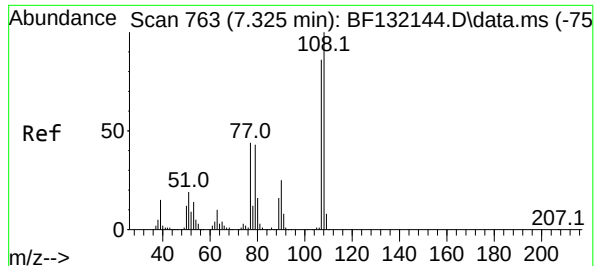
Ion Ratio Lower Upper

45 100

77 13.5 0.0 34.3

79 10.3 0.0 30.9

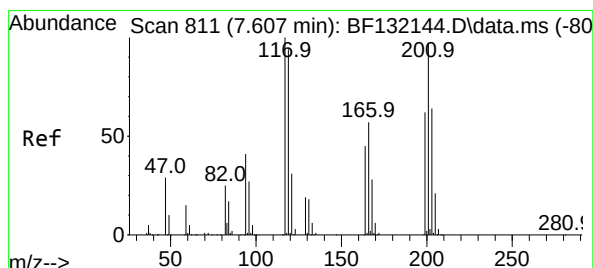
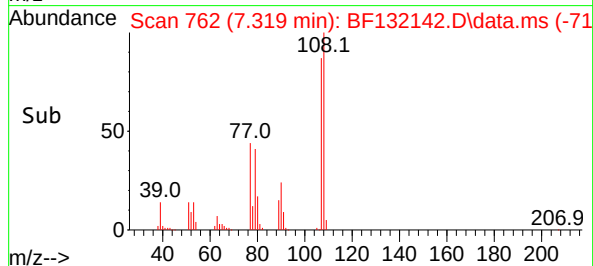
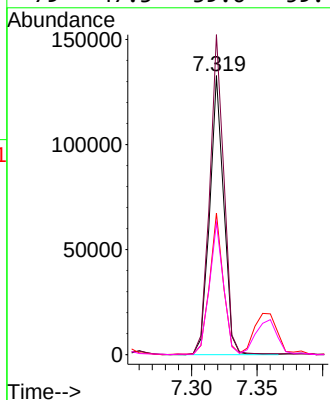
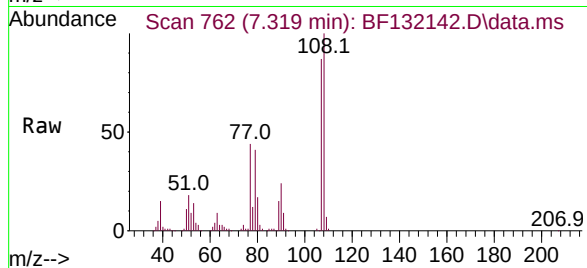




#17
2-Methylphenol
Concen: 10.417 ng
RT: 7.319 min Scan# 762
Delta R.T. -0.006 min
Lab File: BF132142.D
Acq: 19 Jan 2023 12:26

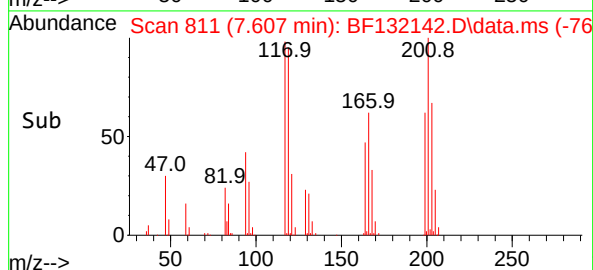
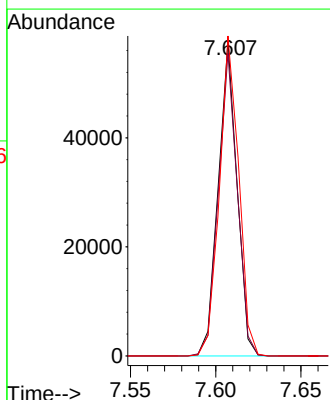
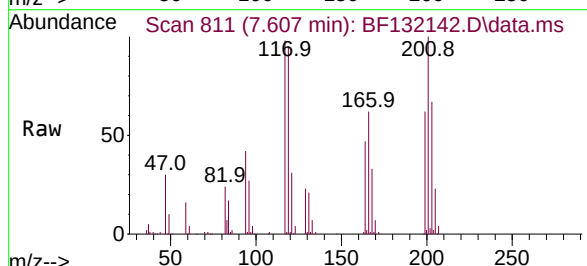
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

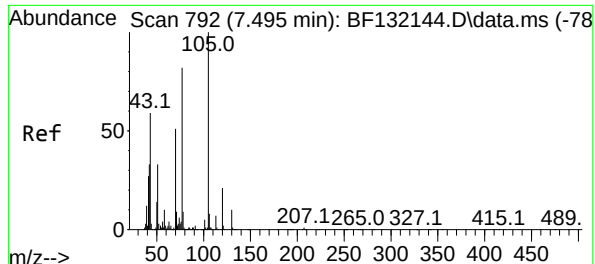
Tgt Ion:	107	Resp:	99555
Ion Ratio	Lower	Upper	
107	100		
108	114.7	92.8	139.2
77	50.7	41.1	61.7
79	47.3	39.6	59.4



#18
Hexachloroethane
Concen: 10.088 ng
RT: 7.607 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF132142.D
Acq: 19 Jan 2023 12:26

Tgt Ion:	117	Resp:	44062
Ion Ratio	Lower	Upper	
117	100		
119	96.0	75.4	113.0
201	101.5	77.9	116.9





#19

n-Nitroso-di-n-propylamine

Concen: 10.994 ng

RT: 7.484 min Scan# 791

Delta R.T. -0.012 min

Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 87979

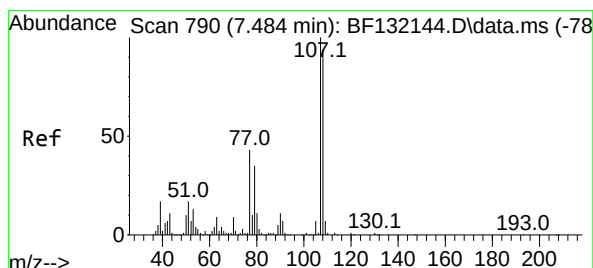
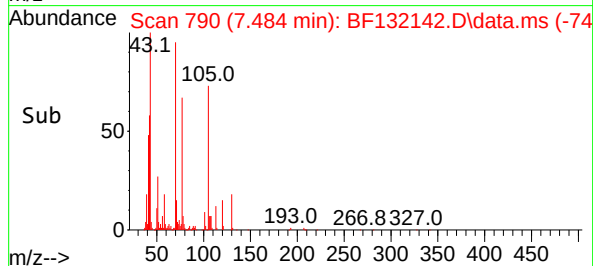
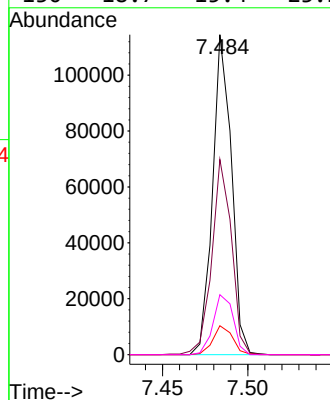
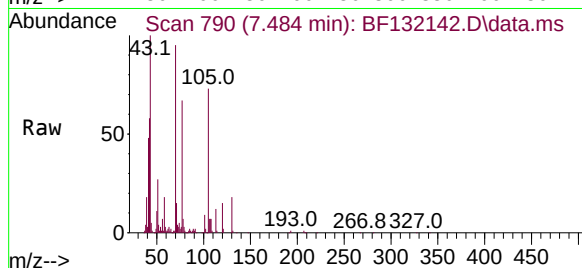
Ion Ratio Lower Upper

70 100

42 61.0 51.0 76.4

101 9.0 7.3 10.9

130 18.7 15.4 23.2



#20

3+4-Methylphenols

Concen: 10.803 ng

RT: 7.472 min Scan# 788

Delta R.T. -0.012 min

Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

Tgt Ion: 107 Resp: 130094

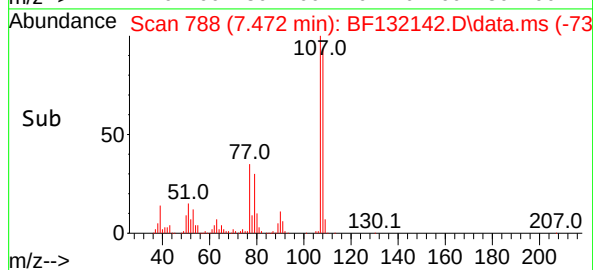
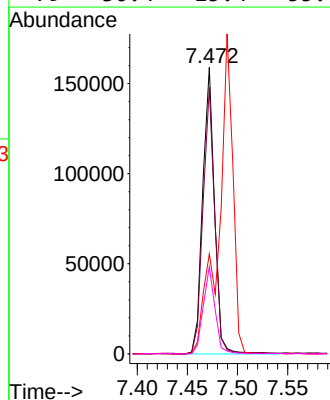
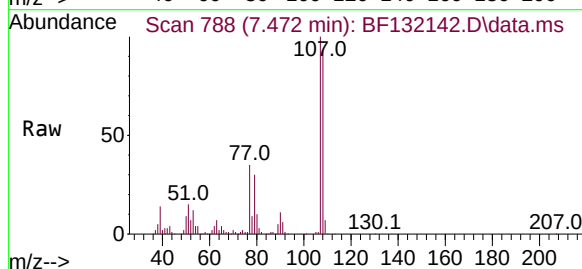
Ion Ratio Lower Upper

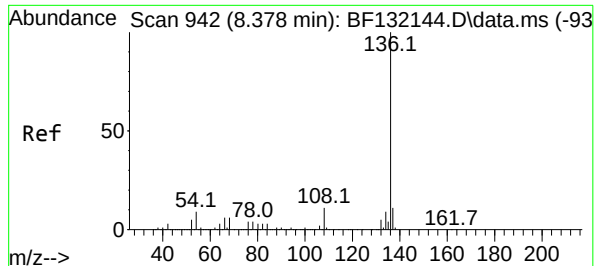
107 100

108 92.9 73.8 113.8

77 34.9 22.8 62.8

79 30.4 15.4 55.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.378 min Scan# 94

Delta R.T. -0.000 min

Lab File: BF132142.D

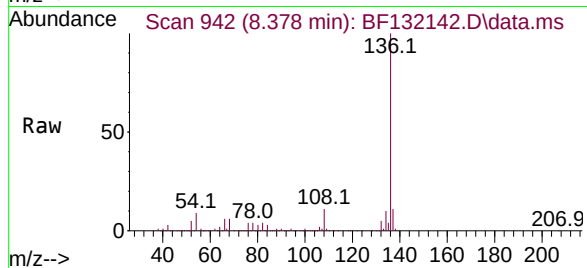
Acq: 19 Jan 2023 12:26

Instrument :

BNA_F

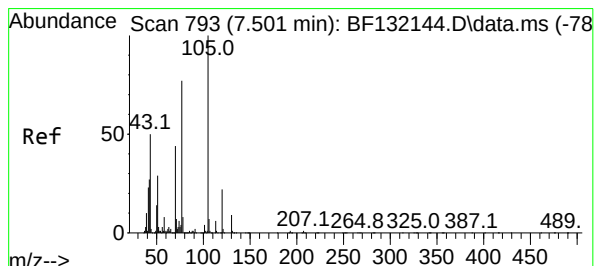
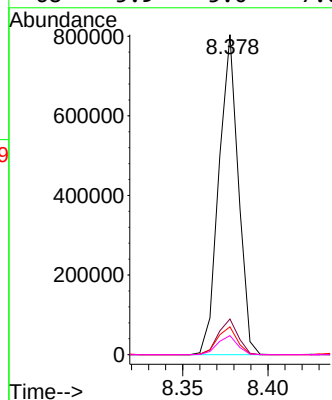
ClientSampleId :

SSTDIC010



Tgt Ion:136 Resp: 635776

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.7	7.0	10.6
68	5.9	5.0	7.6



#22

Acetophenone

Concen: 10.981 ng

RT: 7.490 min Scan# 791

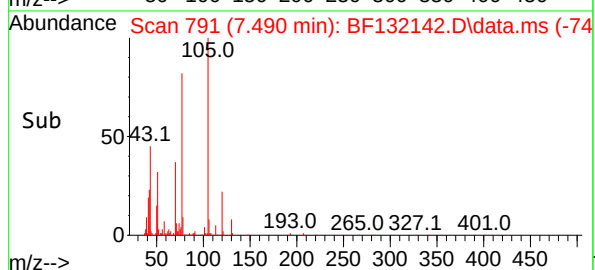
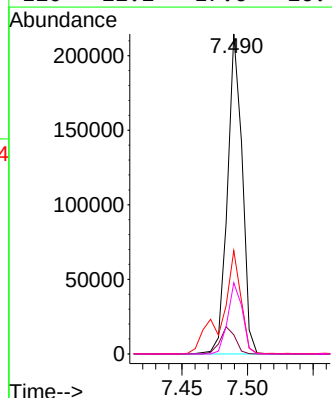
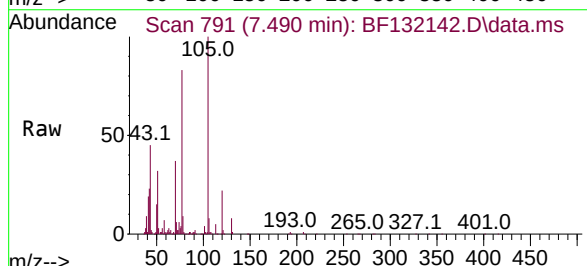
Delta R.T. -0.012 min

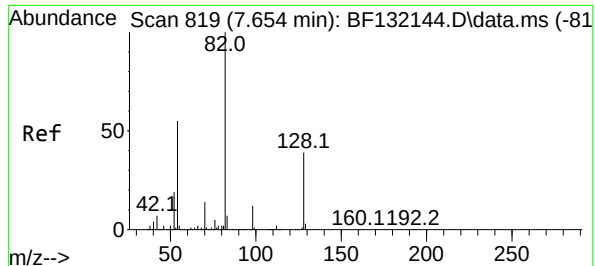
Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

Tgt Ion:105 Resp: 167799

Ion	Ratio	Lower	Upper
105	100		
71	6.0	5.8	8.6
51	32.3	23.0	34.6
120	22.2	17.6	26.4

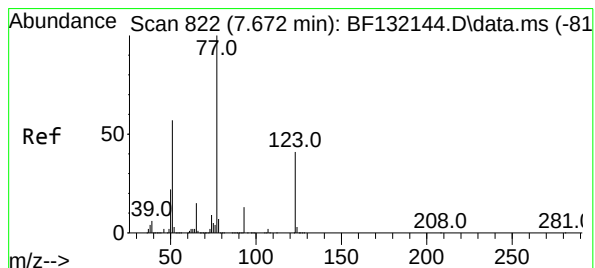
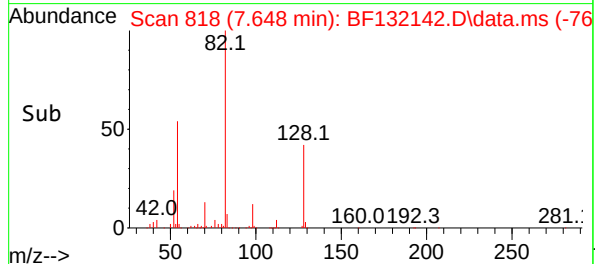
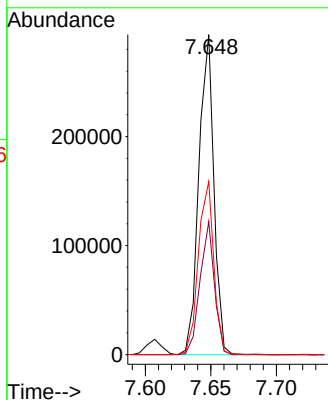
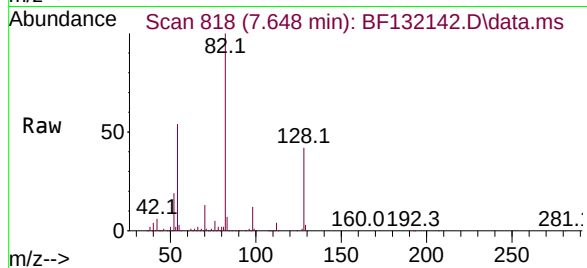




#23
Nitrobenzene-d5
Concen: 19.462 ng
RT: 7.648 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF132142.D
Acq: 19 Jan 2023 12:26

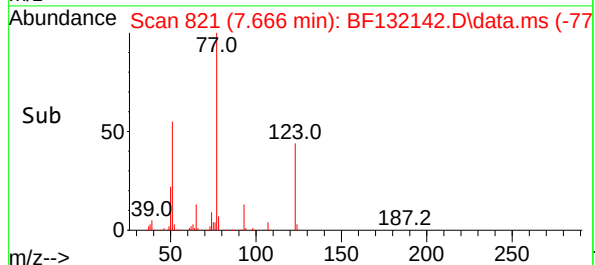
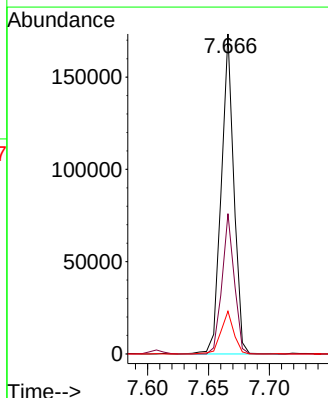
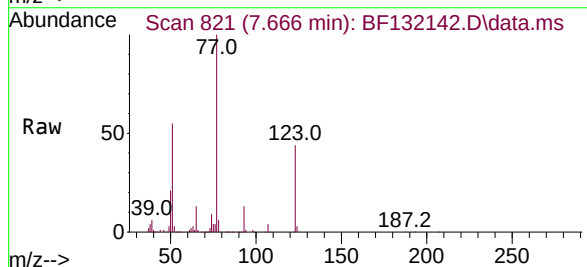
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

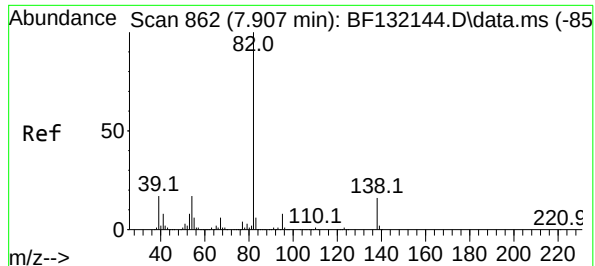
Tgt Ion: 82 Resp: 232920
Ion Ratio Lower Upper
82 100
128 41.6 31.1 46.7
54 54.1 43.9 65.9



#24
Nitrobenzene
Concen: 9.834 ng
RT: 7.666 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF132142.D
Acq: 19 Jan 2023 12:26

Tgt Ion: 77 Resp: 124607
Ion Ratio Lower Upper
77 100
123 43.8 33.1 49.7
65 13.3 11.7 17.5





#25

Isophorone

Concen: 10.052 ng

RT: 7.901 min Scan# 861

Delta R.T. -0.006 min

Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

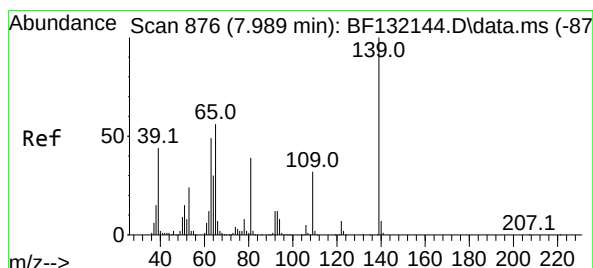
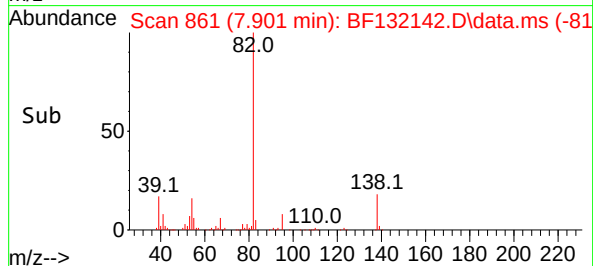
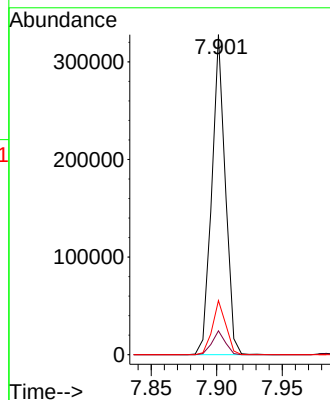
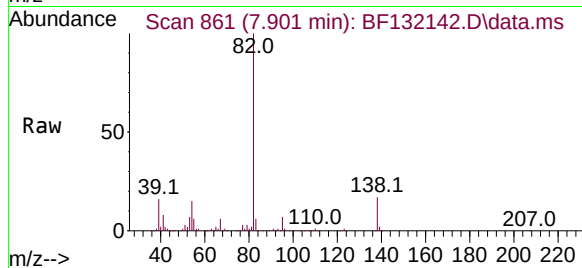
Tgt Ion: 82 Resp: 235392

Ion Ratio Lower Upper

82 100

95 7.4 6.2 9.2

138 16.9 12.9 19.3



#26

2-Nitrophenol

Concen: 7.579 ng

RT: 7.984 min Scan# 875

Delta R.T. -0.005 min

Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

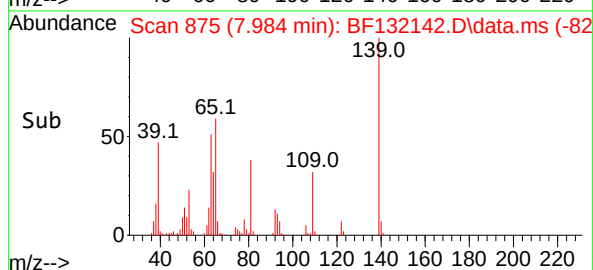
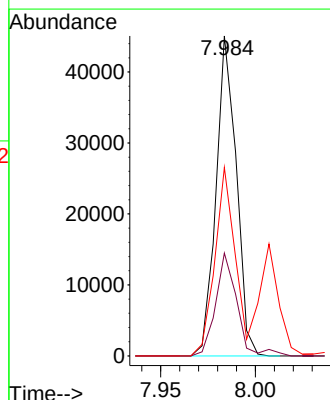
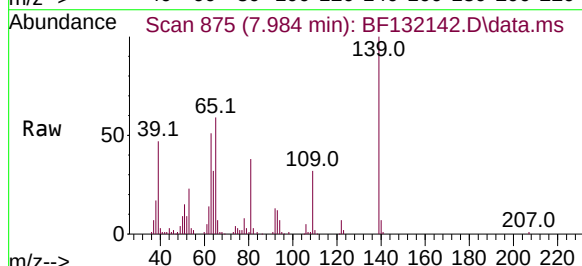
Tgt Ion: 139 Resp: 33479

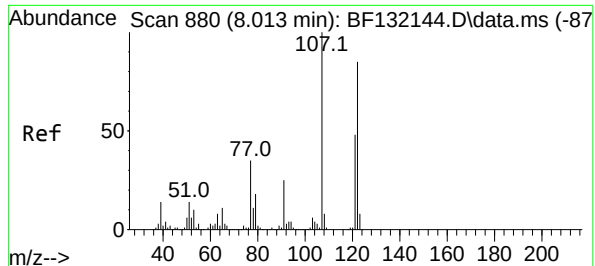
Ion Ratio Lower Upper

139 100

109 32.1 25.8 38.8

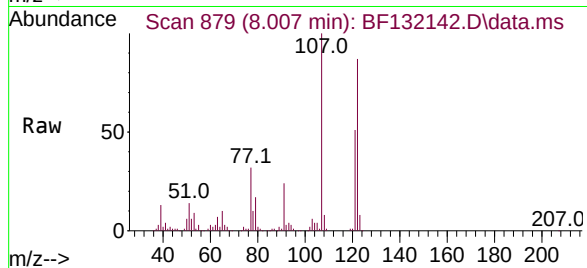
65 58.9 44.6 66.8



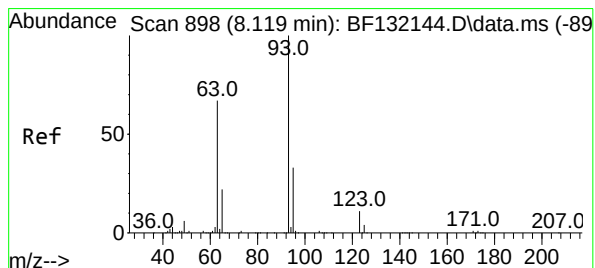
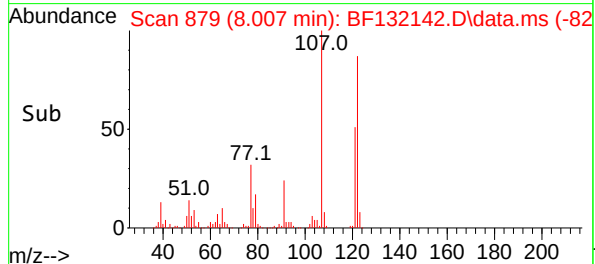
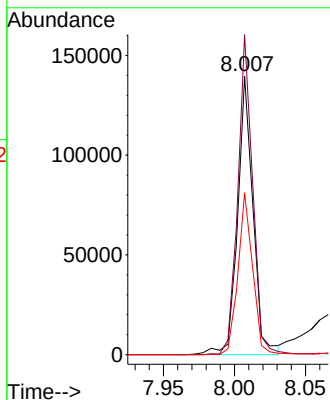


#27
2,4-Dimethylphenol
Concen: 10.348 ng
RT: 8.007 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132142.D
Acq: 19 Jan 2023 12:26

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

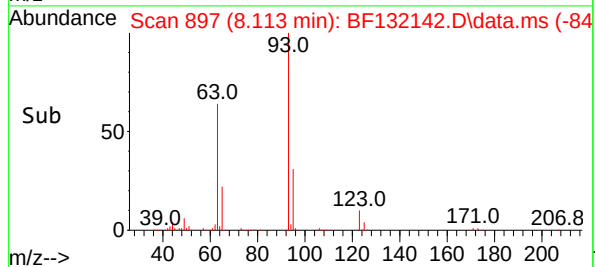
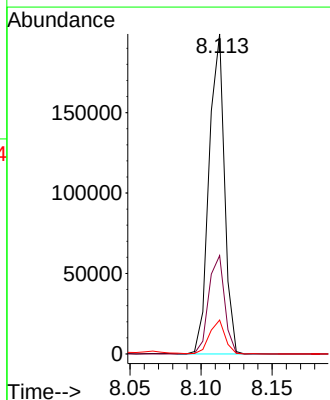
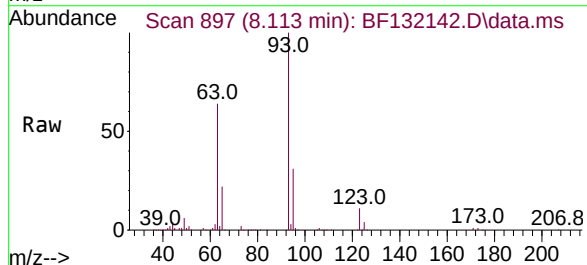


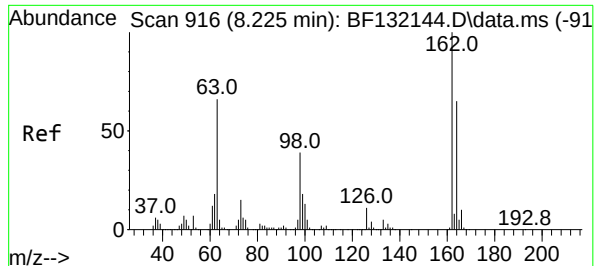
Tgt Ion:122 Resp: 104848
Ion Ratio Lower Upper
122 100
107 114.9 94.2 141.4
121 58.1 45.6 68.4



#28
bis(2-Chloroethoxy)methane
Concen: 10.668 ng
RT: 8.113 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF132142.D
Acq: 19 Jan 2023 12:26

Tgt Ion: 93 Resp: 149878
Ion Ratio Lower Upper
93 100
95 30.7 26.2 39.2
123 10.6 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 9.848 ng

RT: 8.219 min Scan# 916

Delta R.T. -0.006 min

Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

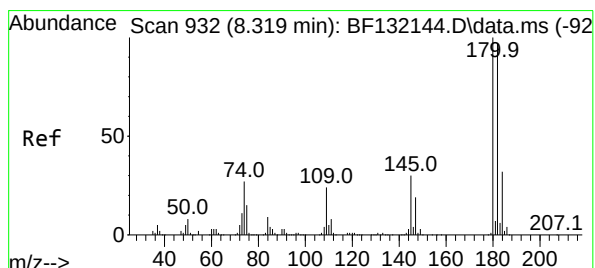
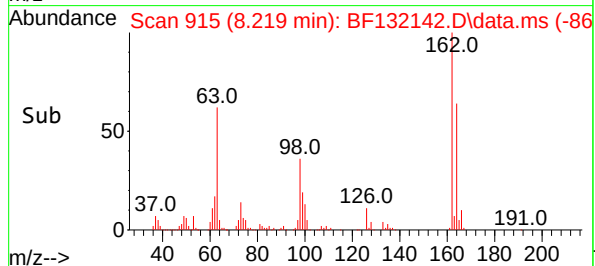
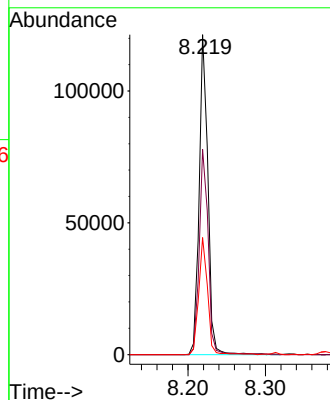
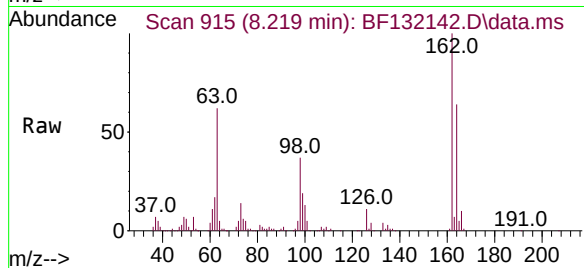
Tgt Ion:162 Resp: 94733

Ion Ratio Lower Upper

162 100

164 64.1 44.7 84.7

98 36.6 18.8 58.8



#30

1,2,4-Trichlorobenzene

Concen: 10.486 ng

RT: 8.313 min Scan# 931

Delta R.T. -0.006 min

Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

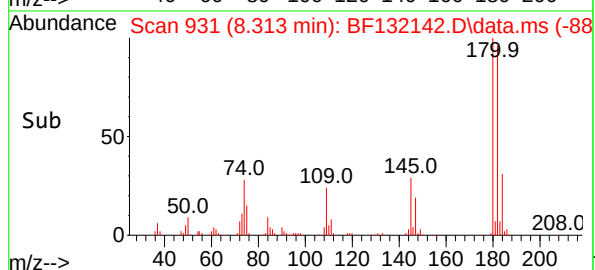
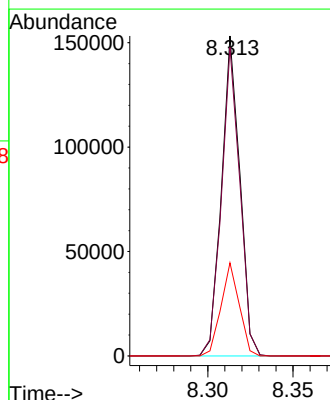
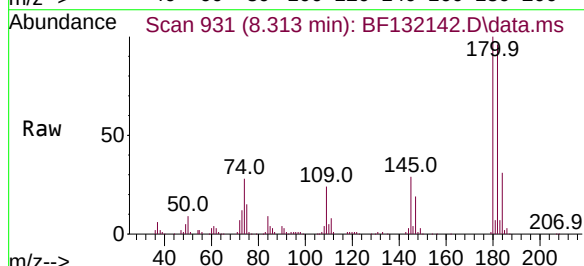
Tgt Ion:180 Resp: 114575

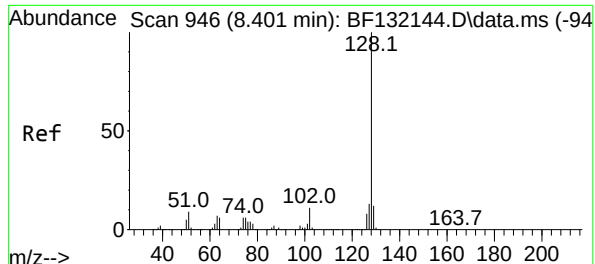
Ion Ratio Lower Upper

180 100

182 96.5 77.4 116.0

145 29.1 23.8 35.6





#31

Naphthalene

Concen: 10.891 ng

RT: 8.401 min Scan# 946

Delta R.T. 0.000 min

Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

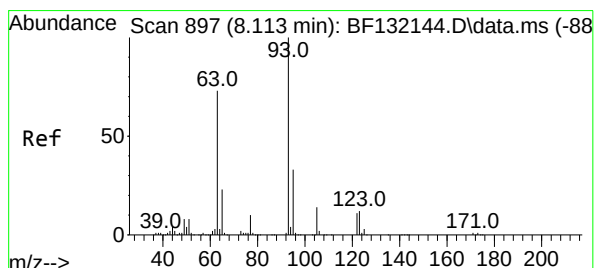
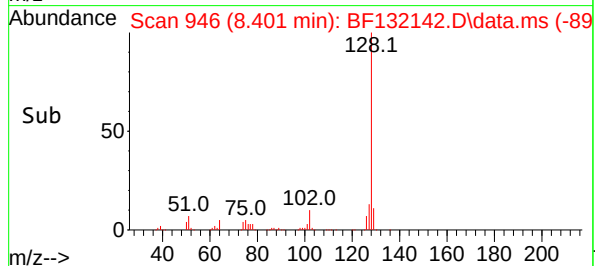
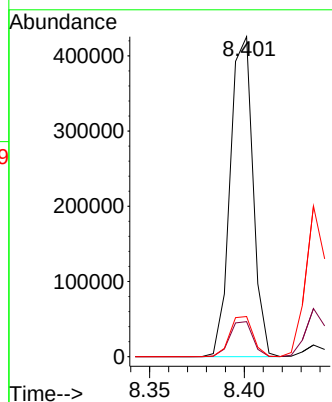
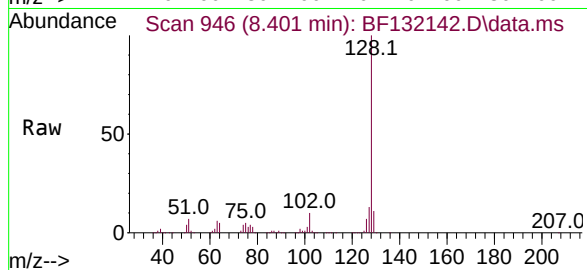
Tgt Ion:128 Resp: 355602

Ion Ratio Lower Upper

128 100

129 10.9 9.3 13.9

127 12.5 10.6 15.8



#32

Benzoic acid

Concen: 6.331 ng

RT: 8.066 min Scan# 889

Delta R.T. -0.047 min

Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

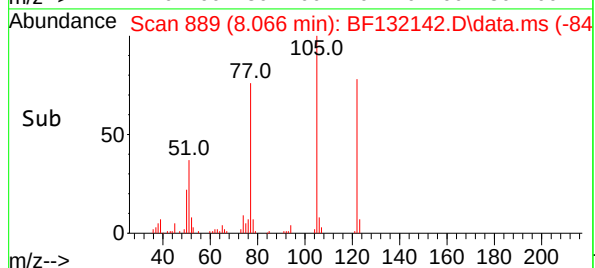
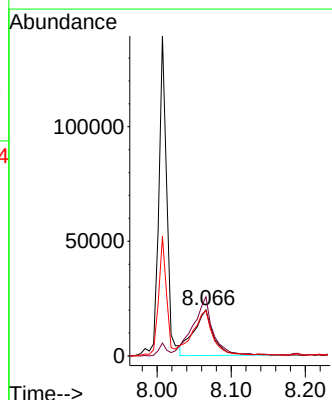
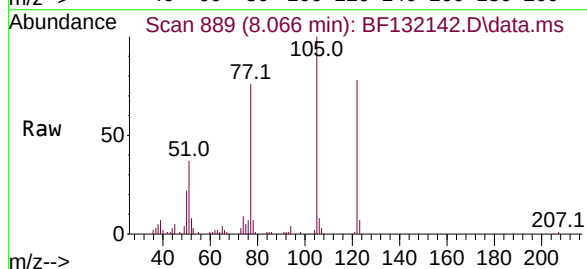
Tgt Ion:122 Resp: 37655

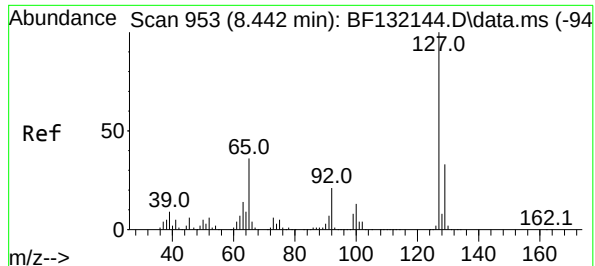
Ion Ratio Lower Upper

122 100

105 128.4 96.8 136.8

77 98.1 72.5 112.5





#33

4-Chloroaniline

Concen: 10.789 ng

RT: 8.437 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

Tgt Ion:127 Resp: 150762

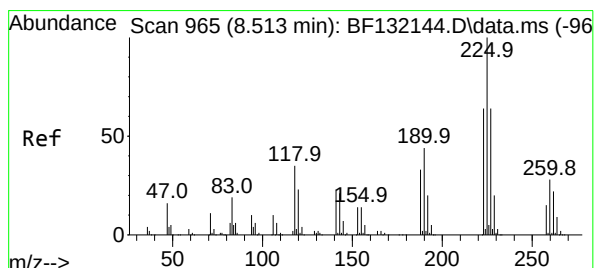
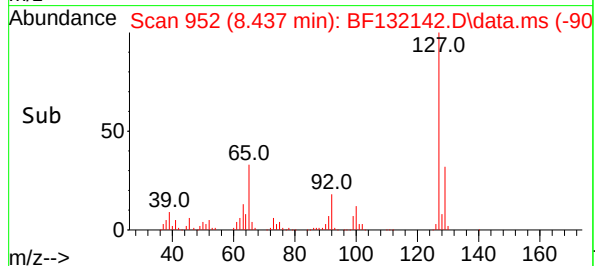
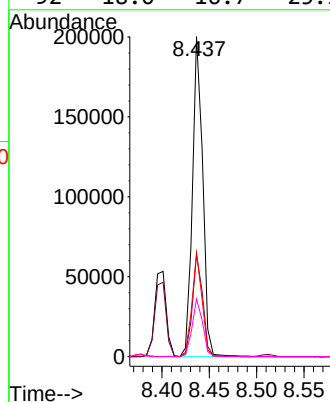
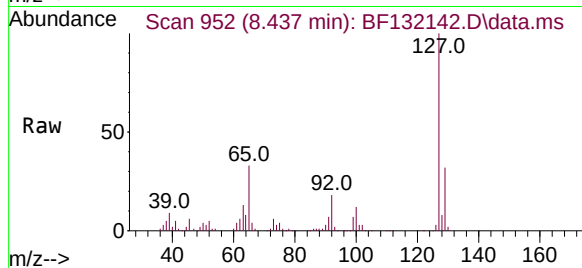
Ion Ratio Lower Upper

127 100

129 31.9 26.0 39.0

65 32.5 28.4 42.6

92 18.0 16.7 25.1



#34

Hexachlorobutadiene

Concen: 10.148 ng

RT: 8.513 min Scan# 965

Delta R.T. 0.000 min

Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

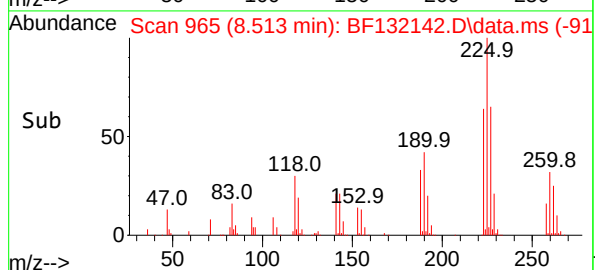
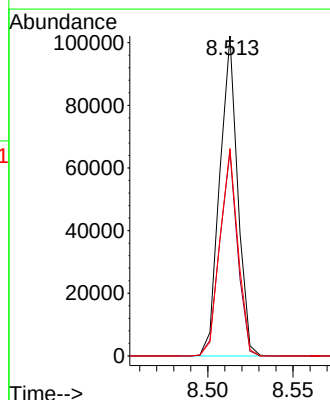
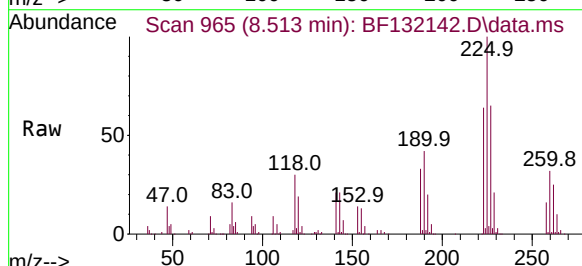
Tgt Ion:225 Resp: 74489

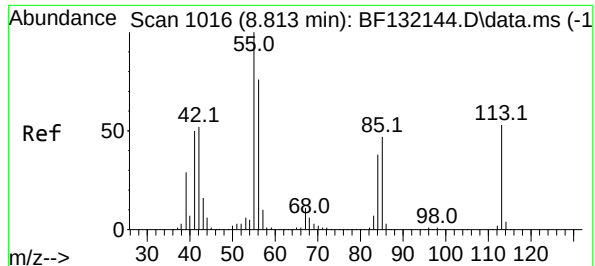
Ion Ratio Lower Upper

225 100

223 63.8 50.9 76.3

227 64.8 50.8 76.2





#35

Caprolactam

Concen: 9.443 ng

RT: 8.778 min Scan# 1016

Delta R.T. -0.035 min

Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

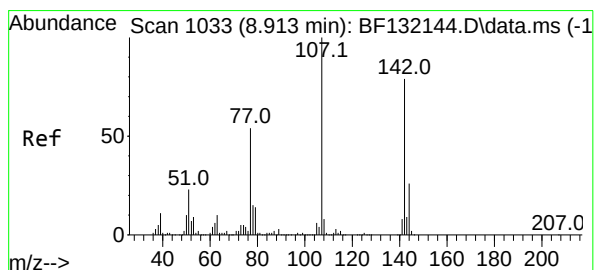
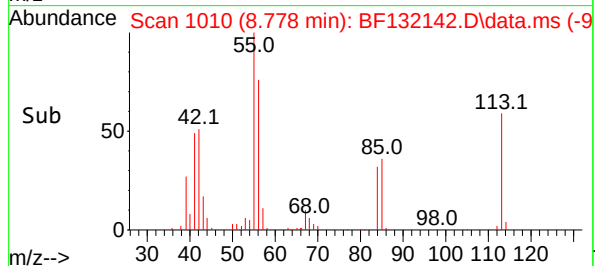
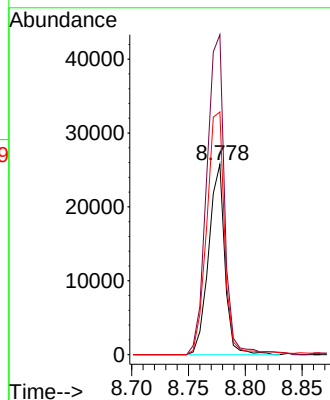
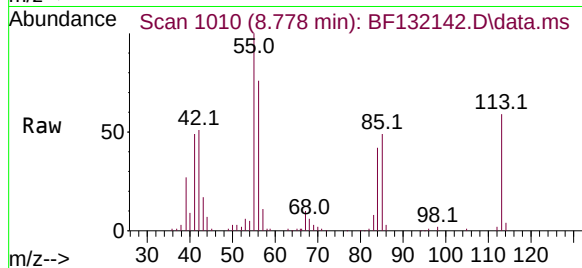
Tgt Ion:113 Resp: 25712

Ion Ratio Lower Upper

113 100

55 168.3 167.5 207.5

56 127.6 122.0 162.0



#36

4-Chloro-3-methylphenol

Concen: 10.027 ng

RT: 8.901 min Scan# 1031

Delta R.T. -0.012 min

Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

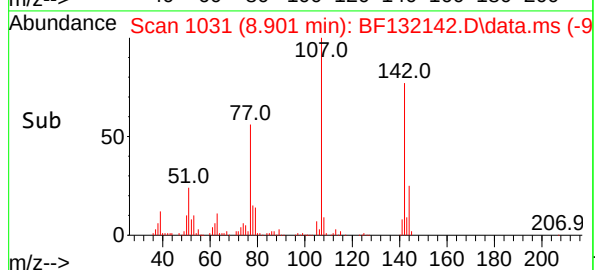
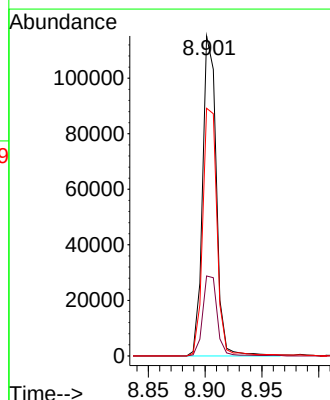
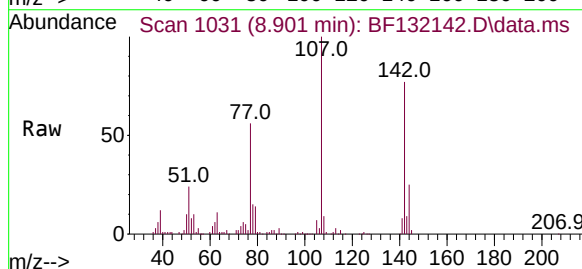
Tgt Ion:107 Resp: 97071

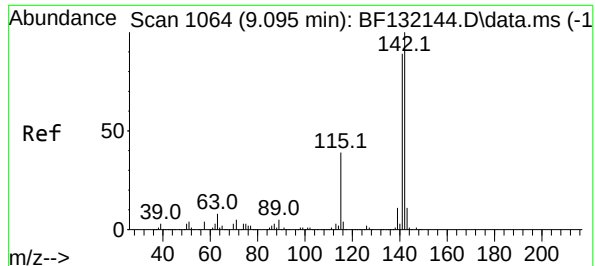
Ion Ratio Lower Upper

107 100

144 25.0 21.0 31.4

142 77.4 63.6 95.4





#37

2-Methylnaphthalene

Concen: 11.072 ng

RT: 9.089 min Scan# 1063

Delta R.T. -0.006 min

Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

Instrument :

BNA_F

ClientSampleId :

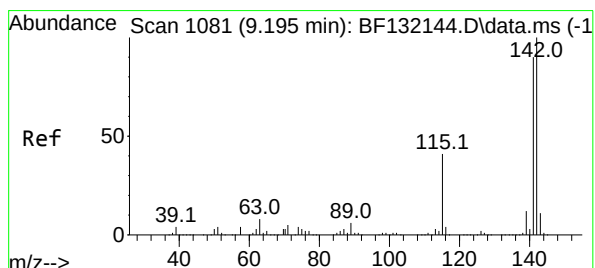
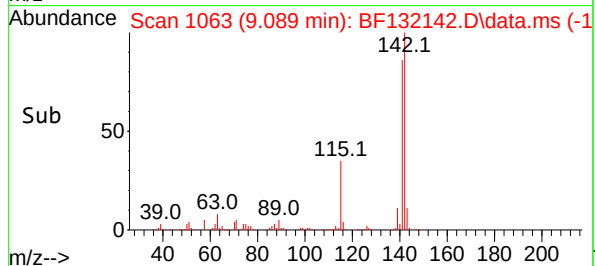
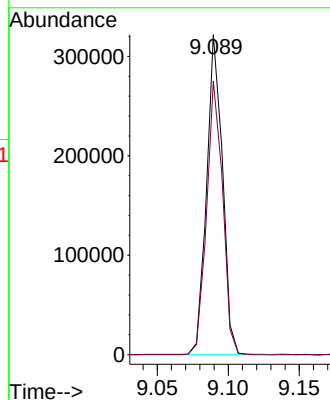
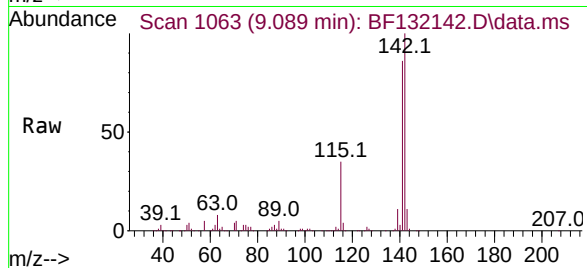
SSTDICC010

Tgt Ion:142 Resp: 248900

Ion Ratio Lower Upper

142 100

141 85.5 71.1 106.7



#38

1-Methylnaphthalene

Concen: 10.927 ng

RT: 9.189 min Scan# 1080

Delta R.T. -0.006 min

Lab File: BF132142.D

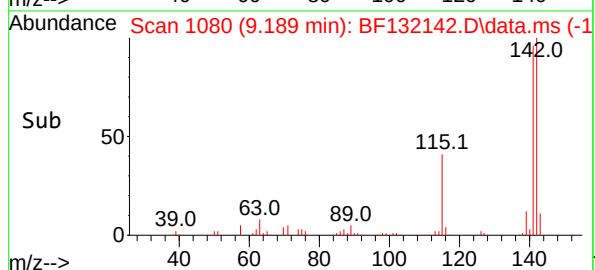
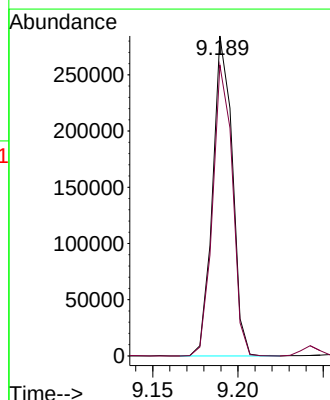
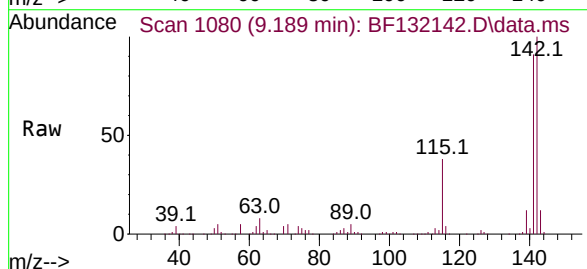
Acq: 19 Jan 2023 12:26

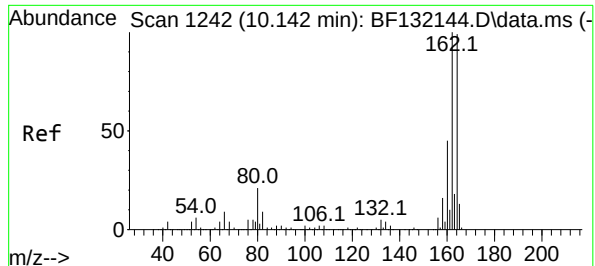
Tgt Ion:142 Resp: 228574

Ion Ratio Lower Upper

142 100

141 90.9 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.142 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

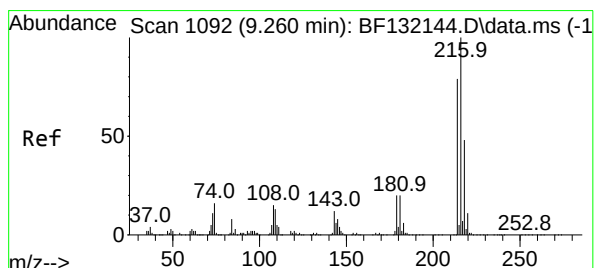
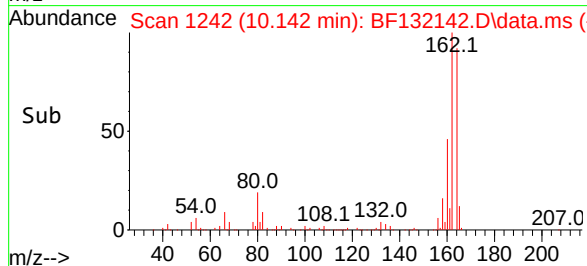
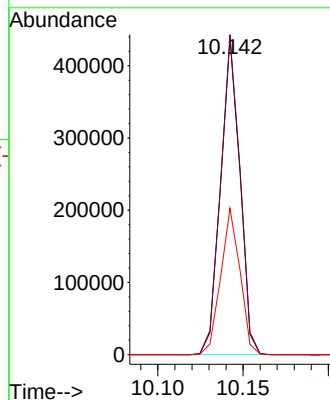
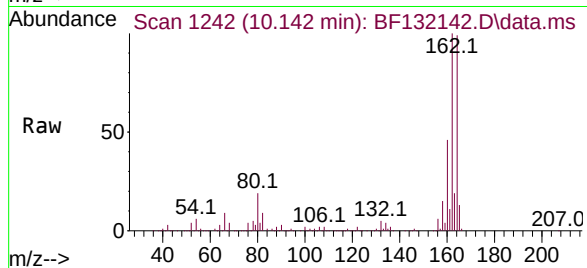
Tgt Ion:164 Resp: 343275

Ion Ratio Lower Upper

164 100

162 101.2 81.2 121.8

160 46.2 36.9 55.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.585 ng

RT: 9.254 min Scan# 1091

Delta R.T. -0.006 min

Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

Tgt Ion:216 Resp: 126425

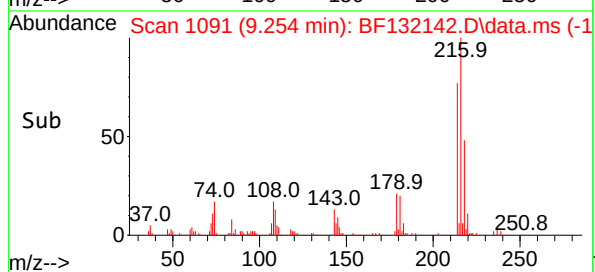
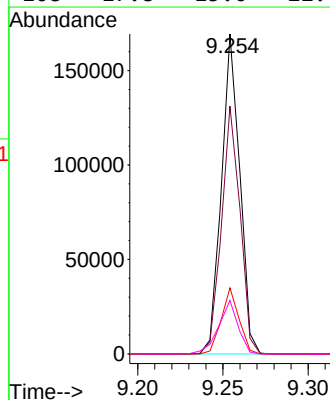
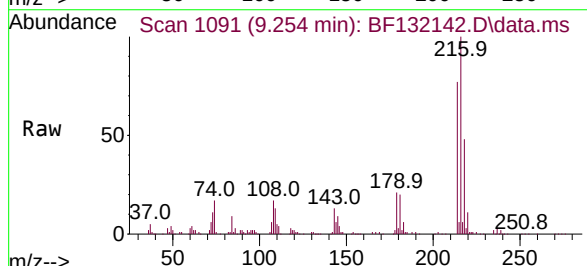
Ion Ratio Lower Upper

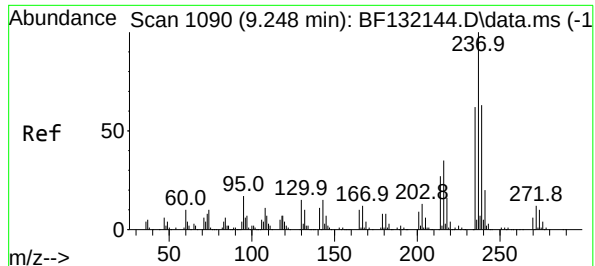
216 100

214 78.1 63.1 94.7

179 19.8 16.6 24.8

108 17.8 15.0 22.4

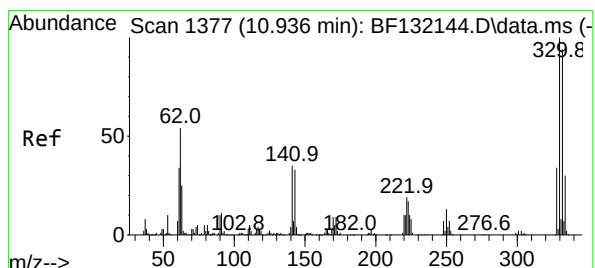
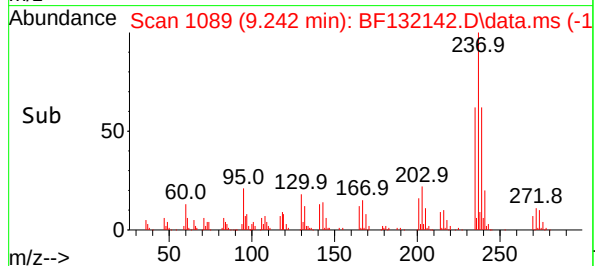
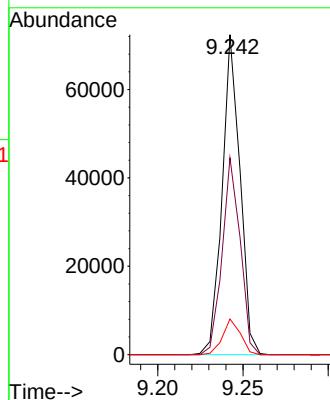
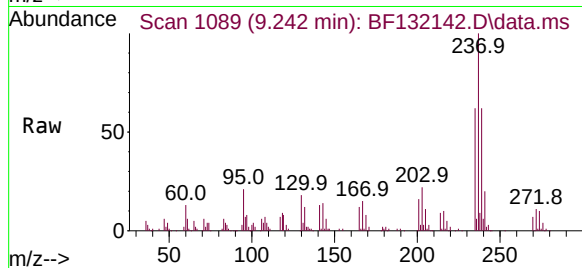




#41
Hexachlorocyclopentadiene
Concen: 8.069 ng
RT: 9.242 min Scan# 1090
Delta R.T. -0.006 min
Lab File: BF132142.D
Acq: 19 Jan 2023 12:26

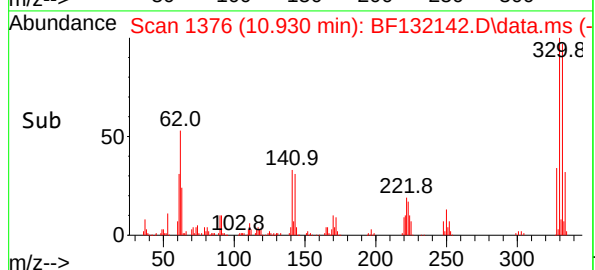
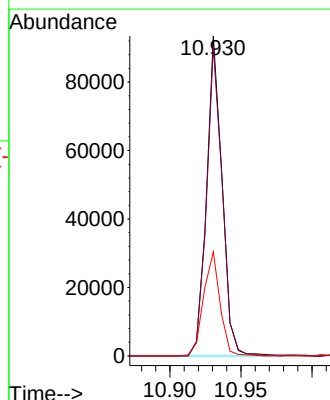
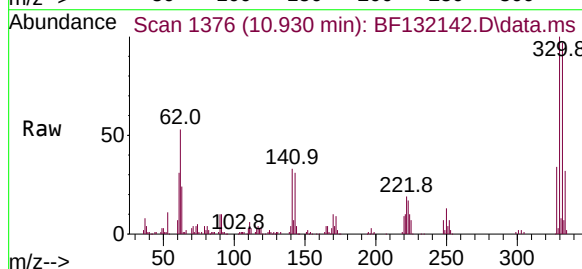
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

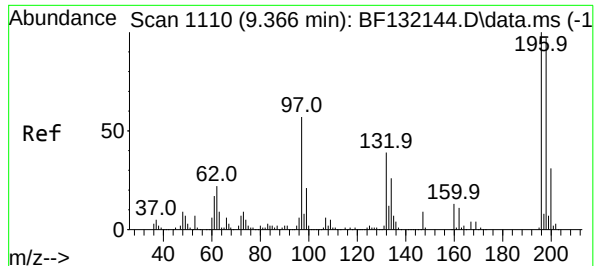
Tgt Ion: 237 Resp: 52593
Ion Ratio Lower Upper
237 100
235 61.5 41.7 81.7
272 11.2 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 19.333 ng
RT: 10.930 min Scan# 1376
Delta R.T. -0.006 min
Lab File: BF132142.D
Acq: 19 Jan 2023 12:26

Tgt Ion: 330 Resp: 70890
Ion Ratio Lower Upper
330 100
332 97.6 75.6 113.4
141 34.3 27.1 40.7





#43

2,4,6-Trichlorophenol

Concen: 9.577 ng

RT: 9.360 min Scan# 1110

Delta R.T. -0.006 min

Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

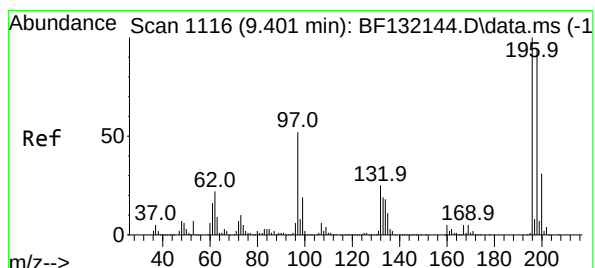
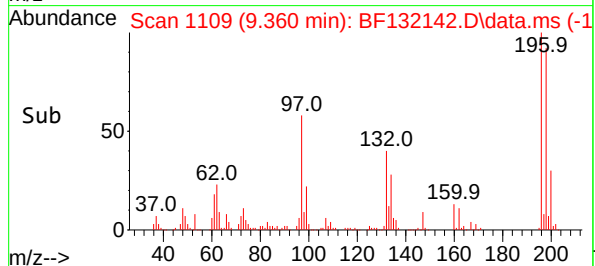
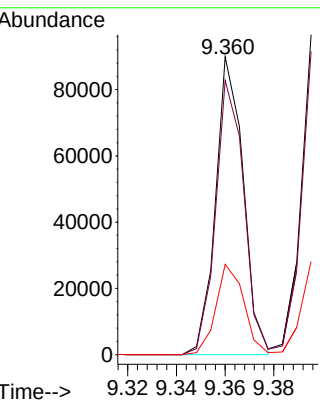
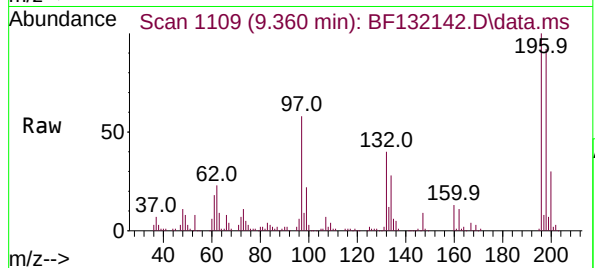
Tgt Ion:196 Resp: 70987

Ion Ratio Lower Upper

196 100

198 92.1 77.4 116.2

200 30.3 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 9.647 ng

RT: 9.395 min Scan# 1115

Delta R.T. -0.006 min

Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

Tgt Ion:196 Resp: 83630

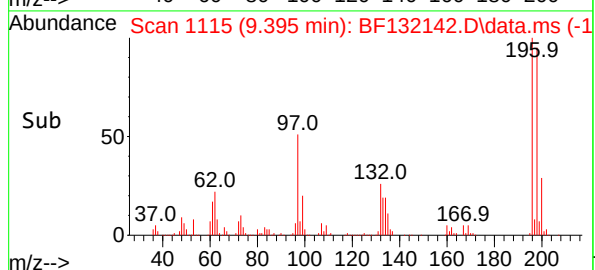
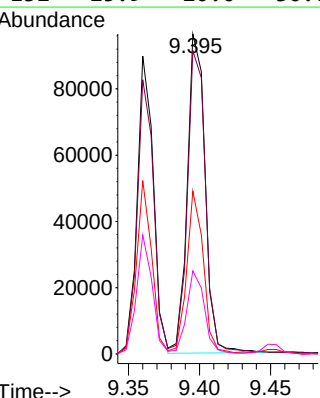
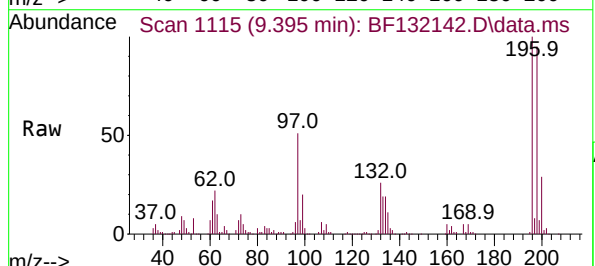
Ion Ratio Lower Upper

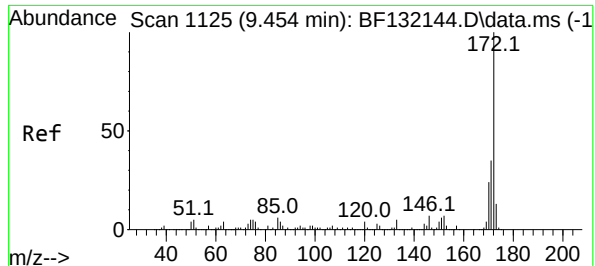
196 100

198 94.8 75.3 112.9

97 50.9 41.3 61.9

132 25.9 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 23.925 ng

RT: 9.454 min Scan# 1125

Delta R.T. 0.000 min

Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

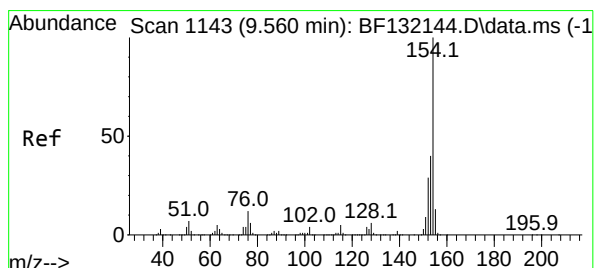
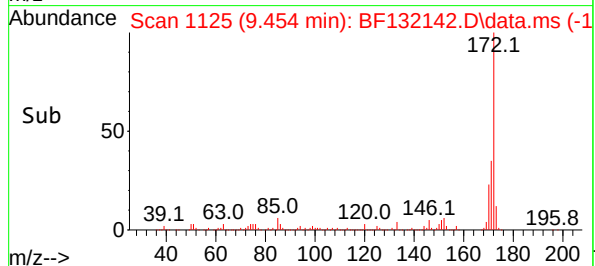
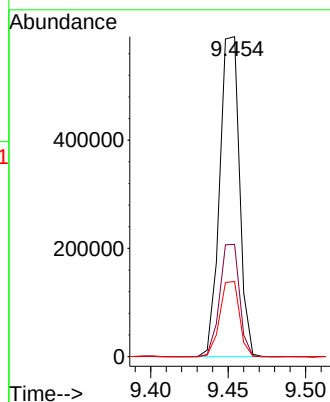
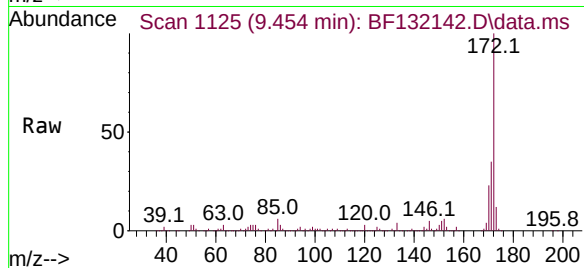
Tgt Ion:172 Resp: 524790

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

170 23.5 19.6 29.4



#46

1,1'-Biphenyl

Concen: 10.837 ng

RT: 9.554 min Scan# 1142

Delta R.T. -0.006 min

Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

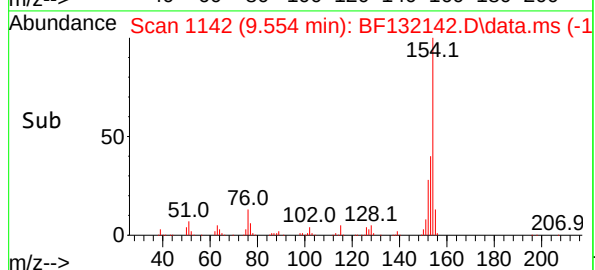
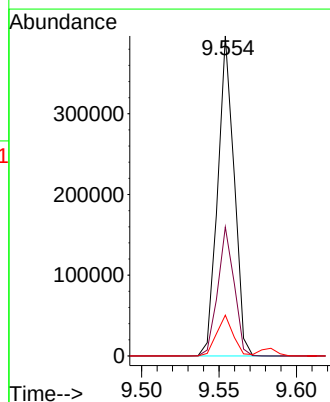
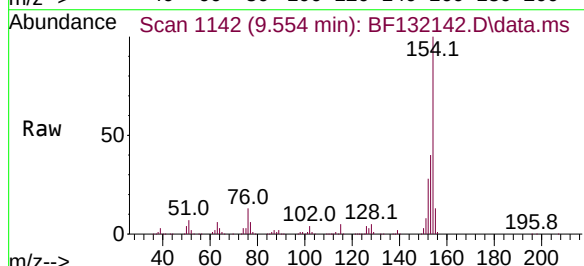
Tgt Ion:154 Resp: 293487

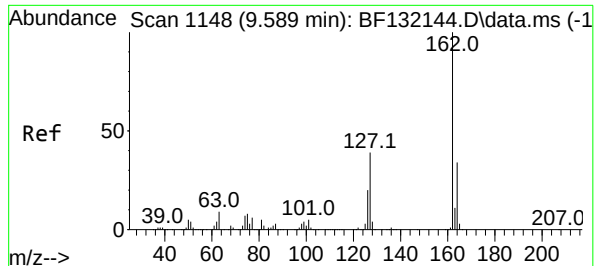
Ion Ratio Lower Upper

154 100

153 40.3 20.2 60.2

76 12.7 0.0 32.2





#47

2-Chloronaphthalene

Concen: 10.609 ng

RT: 9.584 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

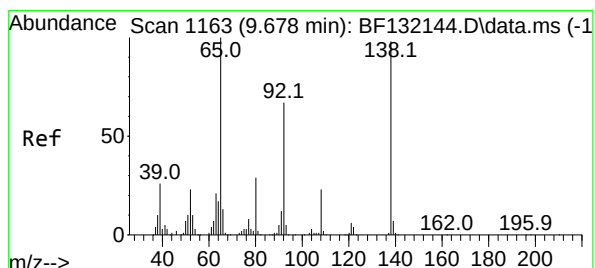
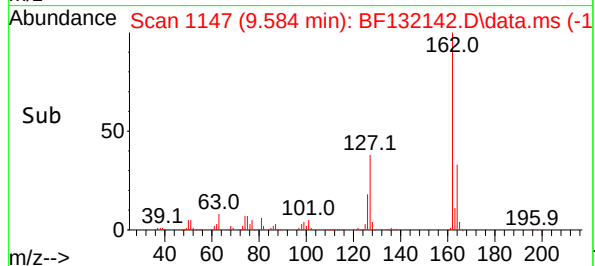
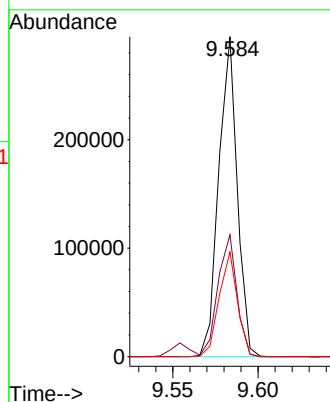
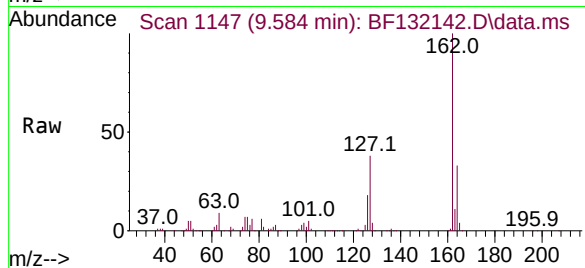
Tgt Ion:162 Resp: 222092

Ion Ratio Lower Upper

162 100

127 38.1 31.1 46.7

164 32.7 26.9 40.3



#48

2-Nitroaniline

Concen: 8.207 ng

RT: 9.672 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

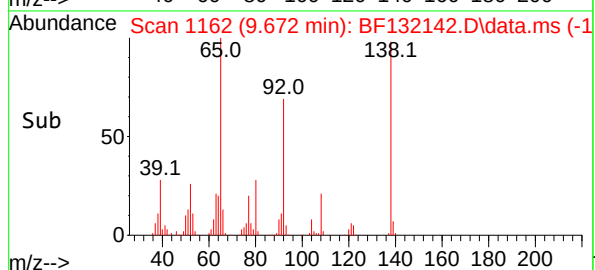
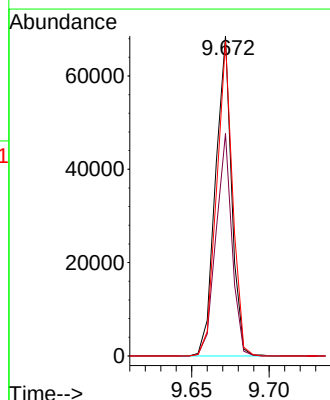
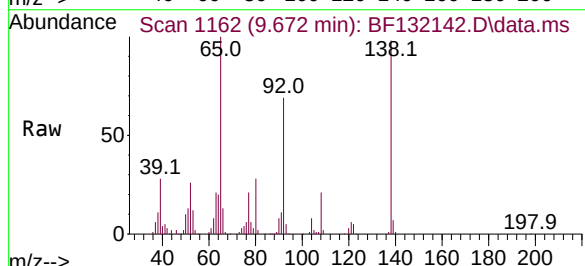
Tgt Ion: 65 Resp: 49471

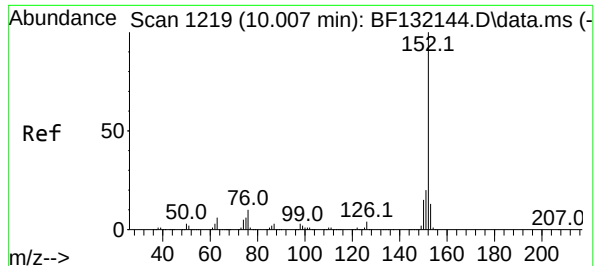
Ion Ratio Lower Upper

65 100

92 69.5 53.8 80.6

138 98.4 78.7 118.1





#49

Acenaphthylene

Concen: 10.651 ng

RT: 10.001 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

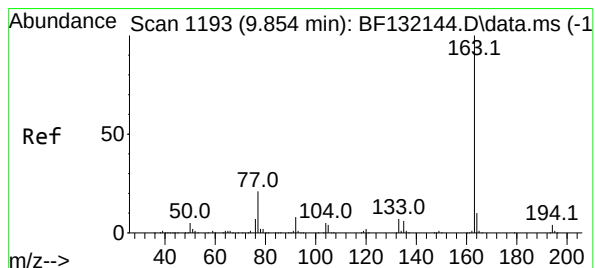
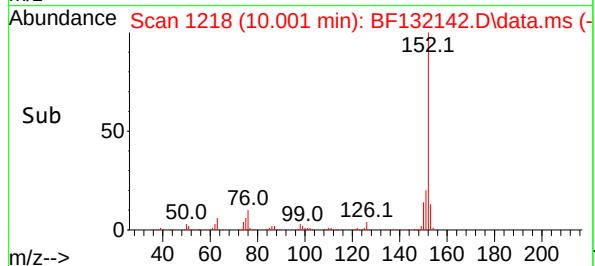
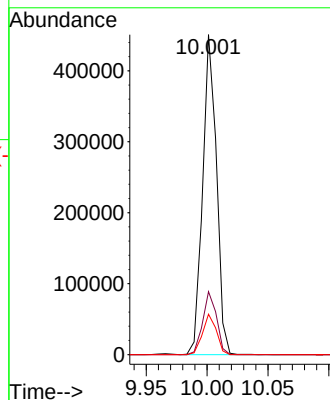
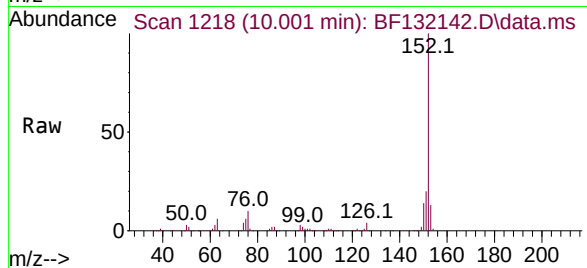
Tgt Ion:152 Resp: 356712

Ion Ratio Lower Upper

152 100

151 19.7 16.4 24.6

153 12.6 10.6 15.8



#50

Dimethylphthalate

Concen: 10.495 ng

RT: 9.848 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

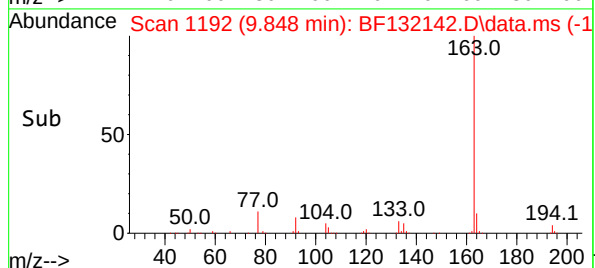
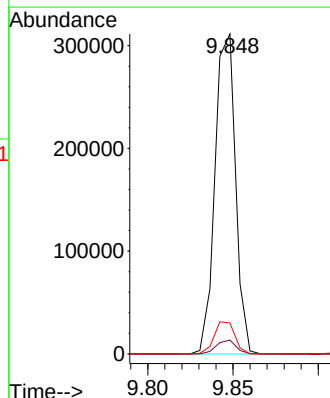
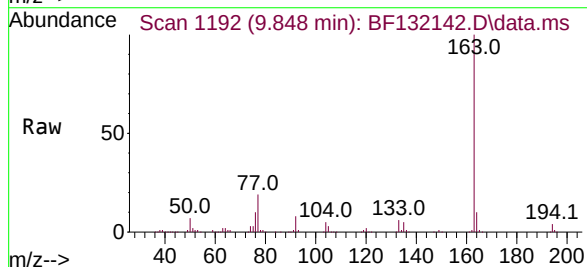
Tgt Ion:163 Resp: 260923

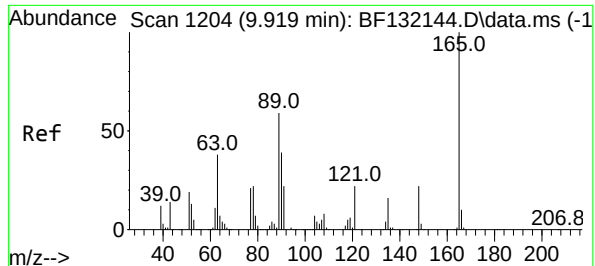
Ion Ratio Lower Upper

163 100

194 4.3 3.1 4.7

164 9.6 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 9.010 ng

RT: 9.913 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

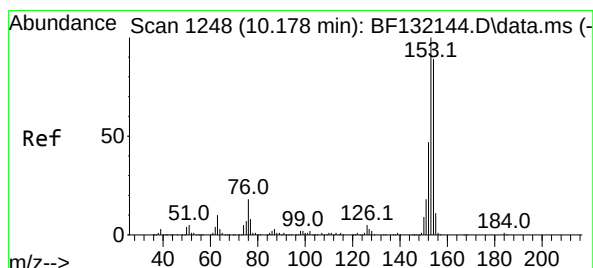
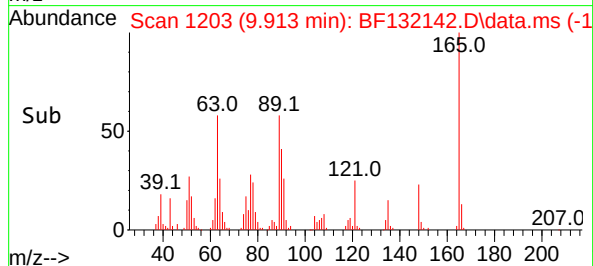
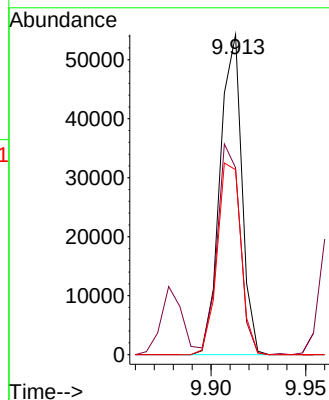
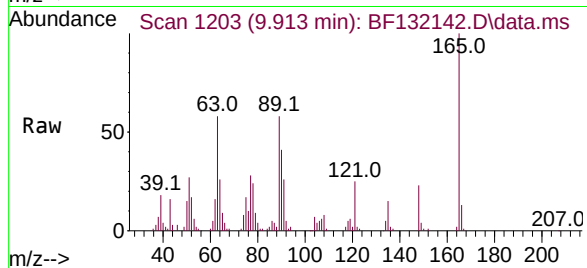
Tgt Ion:165 Resp: 43419

Ion Ratio Lower Upper

165 100

63 58.4 46.6 70.0

89 57.8 47.4 71.2



#52

Acenaphthene

Concen: 10.810 ng

RT: 10.178 min Scan# 1248

Delta R.T. 0.000 min

Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

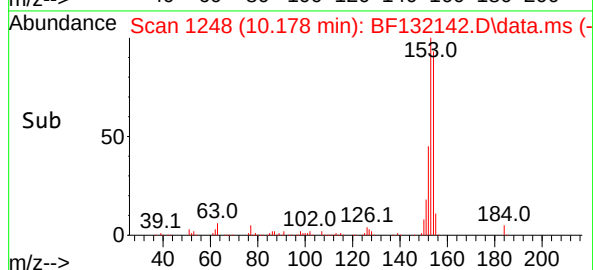
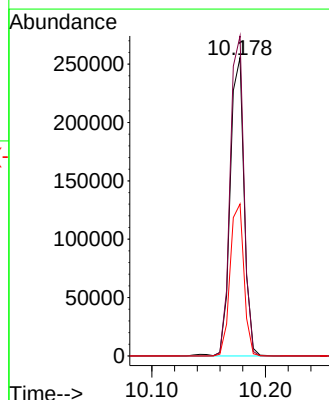
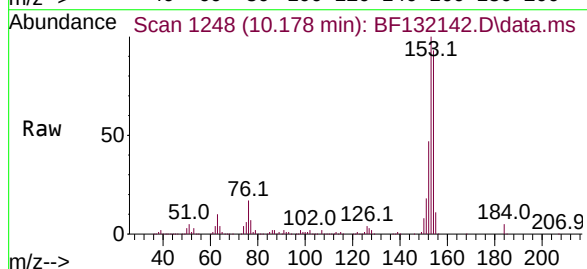
Tgt Ion:154 Resp: 217757

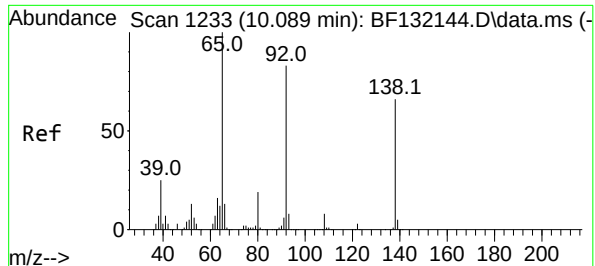
Ion Ratio Lower Upper

154 100

153 107.3 89.8 134.8

152 50.9 42.3 63.5

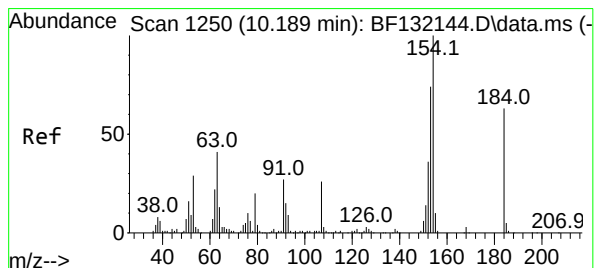
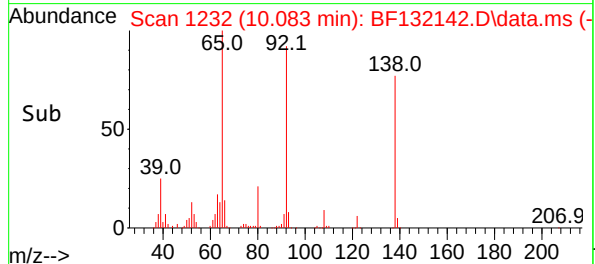
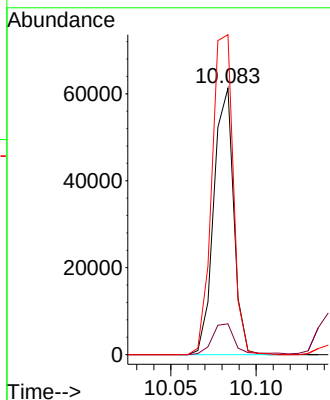
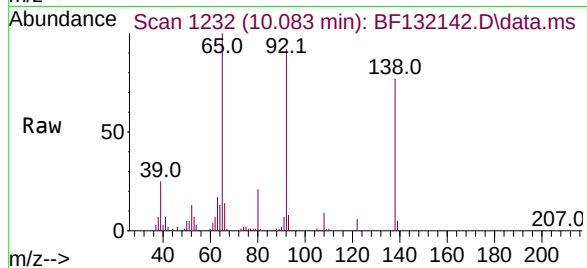




#53
3-Nitroaniline
Concen: 9.639 ng
RT: 10.083 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132142.D
Acq: 19 Jan 2023 12:26

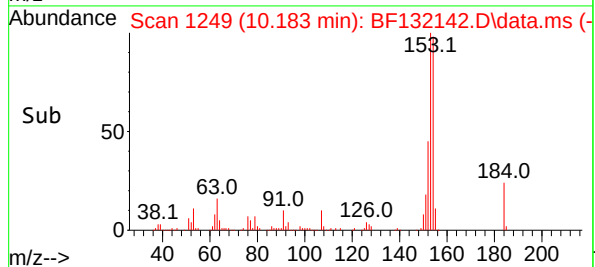
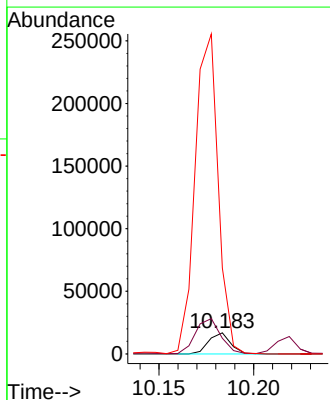
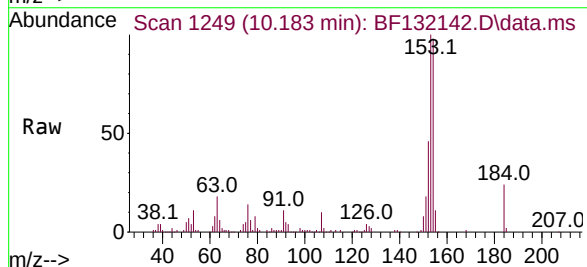
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

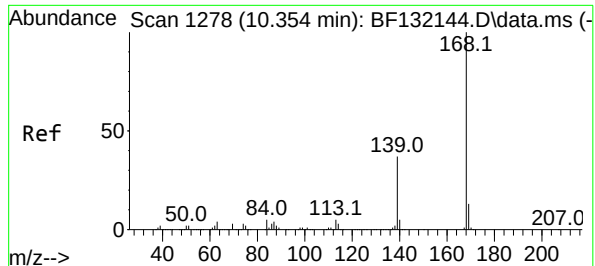
Tgt Ion:138 Resp: 49662
Ion Ratio Lower Upper
138 100
108 11.6 9.1 13.7
92 120.2 101.2 151.8



#54
2,4-Dinitrophenol
Concen: 6.882 ng
RT: 10.183 min Scan# 1249
Delta R.T. -0.006 min
Lab File: BF132142.D
Acq: 19 Jan 2023 12:26

Tgt Ion:184 Resp: 13395
Ion Ratio Lower Upper
184 100
63 73.9 53.2 79.8
154 407.9 129.4 194.0#





#55

Dibenzenofuran

Concen: 10.865 ng

RT: 10.348 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

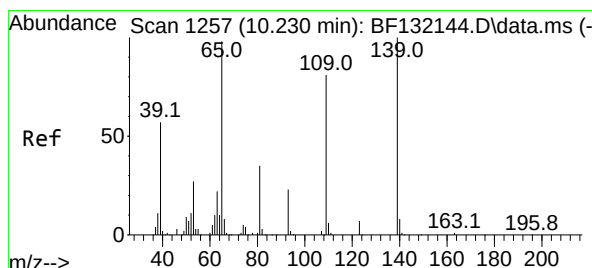
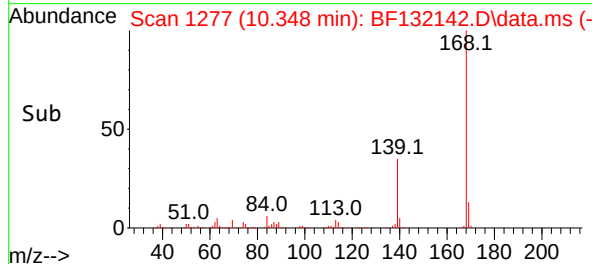
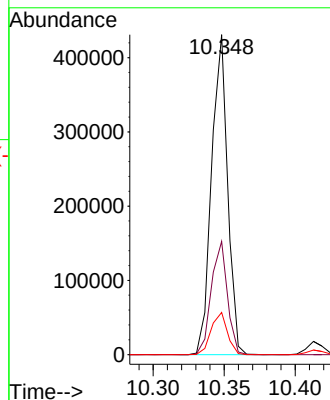
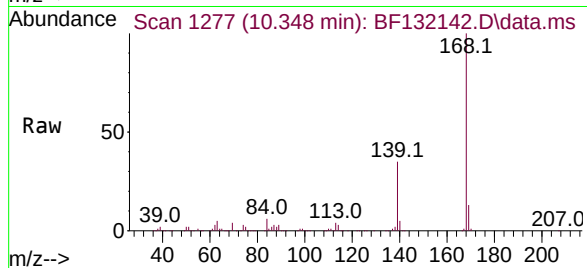
Tgt Ion:168 Resp: 338245

Ion Ratio Lower Upper

168 100

139 35.4 29.8 44.8

169 13.2 10.3 15.5



#56

4-Nitrophenol

Concen: 8.759 ng

RT: 10.219 min Scan# 1255

Delta R.T. -0.012 min

Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

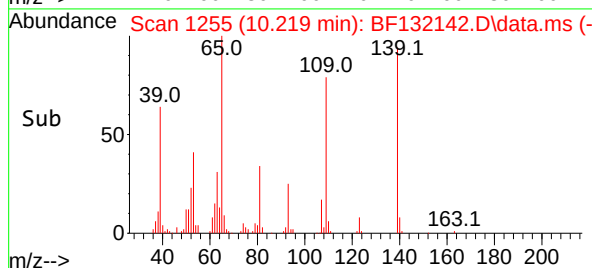
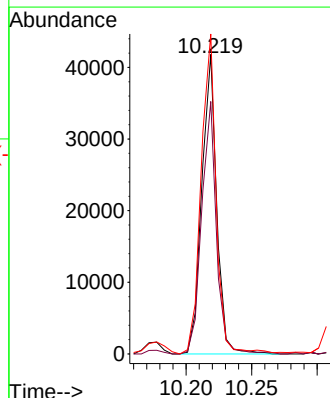
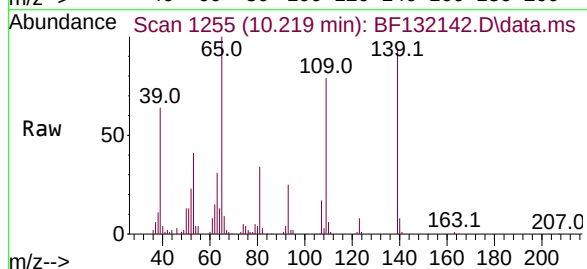
Tgt Ion:139 Resp: 32842

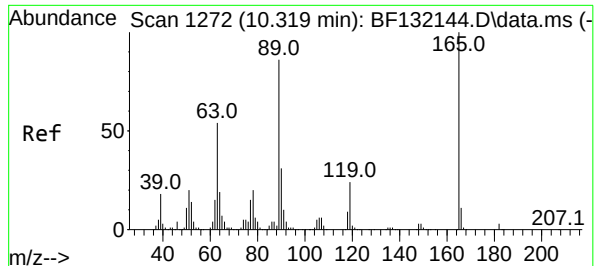
Ion Ratio Lower Upper

139 100

109 84.3 61.0 101.0

65 106.9 79.3 119.3

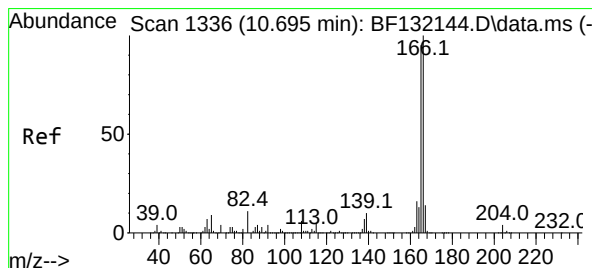
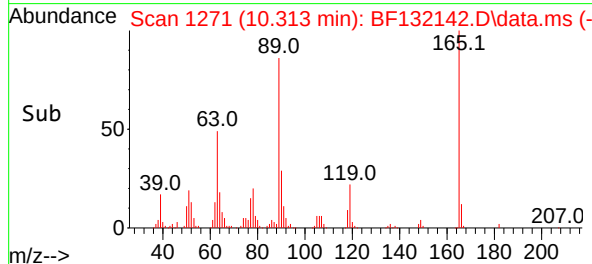
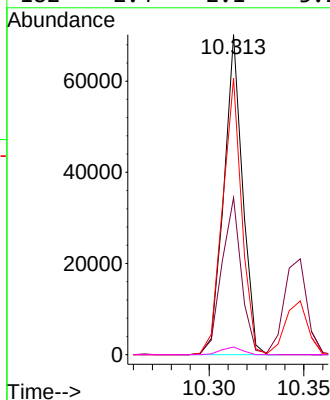
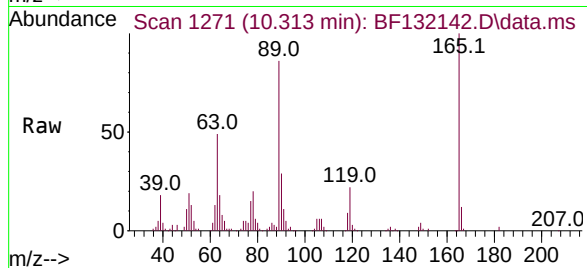




#57
2,4-Dinitrotoluene
Concen: 8.342 ng
RT: 10.313 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF132142.D
Acq: 19 Jan 2023 12:26

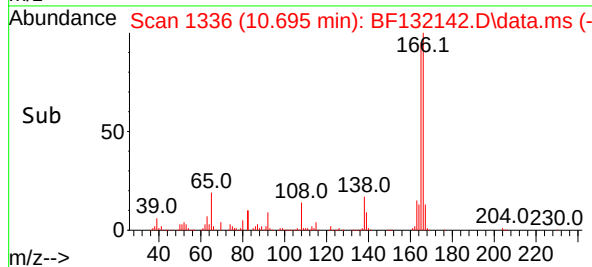
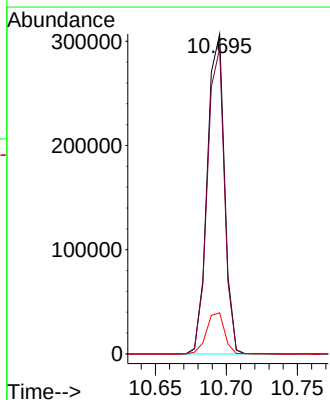
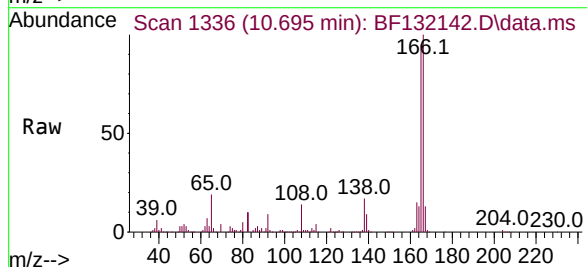
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

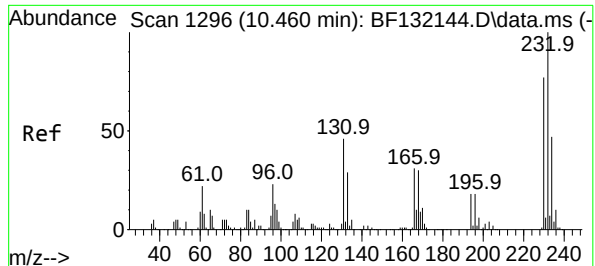
Tgt Ion:165 Resp: 48250
Ion Ratio Lower Upper
165 100
63 49.0 43.5 65.3
89 86.3 69.0 103.6
182 2.4 2.1 3.1



#58
Fluorene
Concen: 11.191 ng
RT: 10.695 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF132142.D
Acq: 19 Jan 2023 12:26

Tgt Ion:166 Resp: 258139
Ion Ratio Lower Upper
166 100
165 95.4 76.4 114.6
167 12.9 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 9.517 ng

RT: 10.460 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:232 Resp: 62761

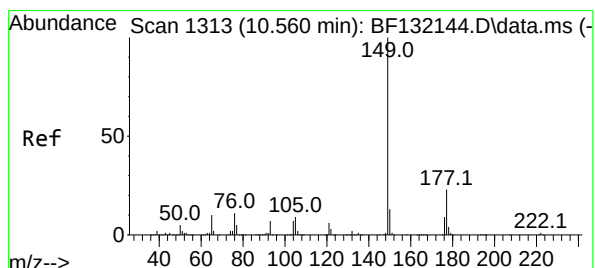
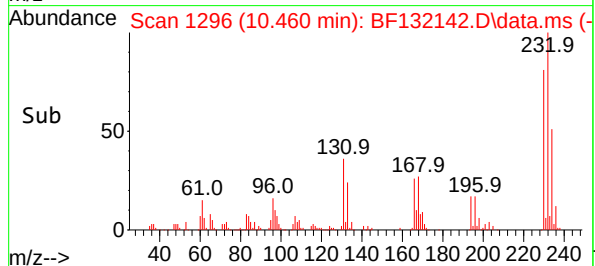
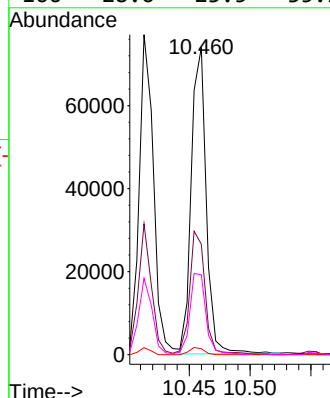
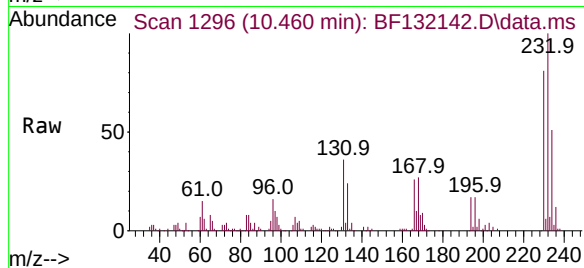
Ion Ratio Lower Upper

232 100

131 41.9 33.8 50.6

130 2.2 1.9 2.9

166 28.6 23.5 35.3



#60

Diethylphthalate

Concen: 10.511 ng

RT: 10.548 min Scan# 1311

Delta R.T. -0.012 min

Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

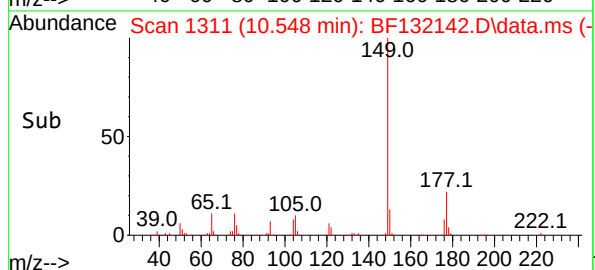
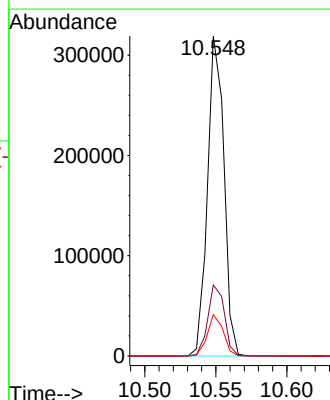
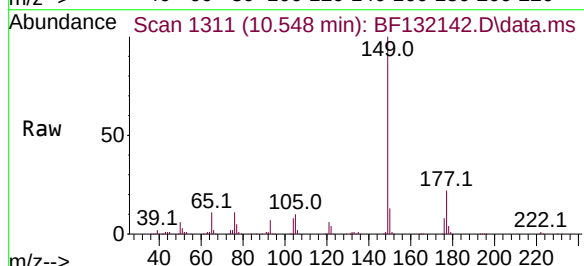
Tgt Ion:149 Resp: 256262

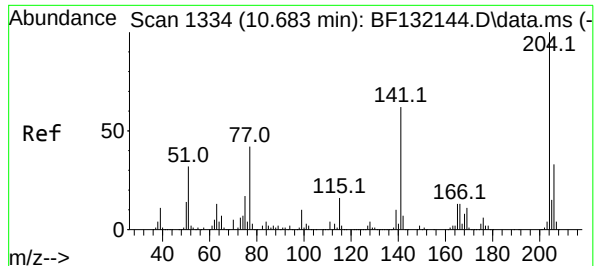
Ion Ratio Lower Upper

149 100

177 22.2 18.4 27.6

150 12.9 10.1 15.1

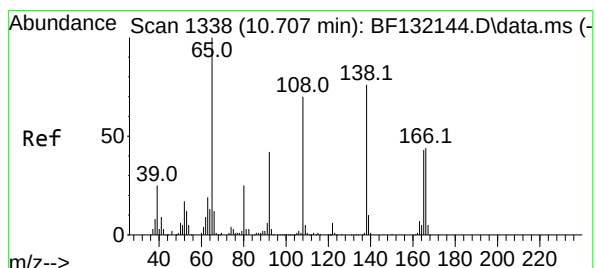
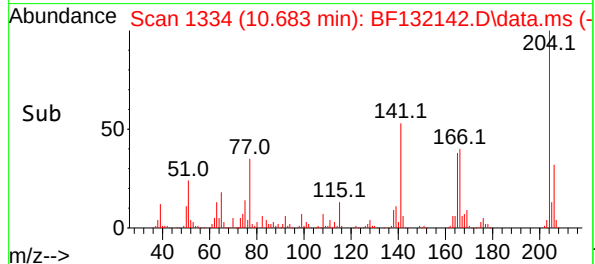
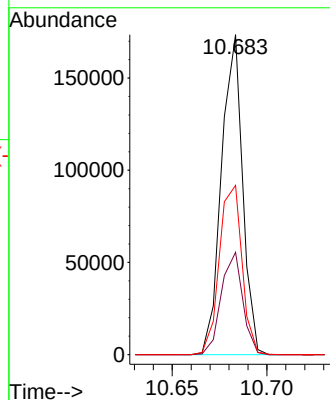
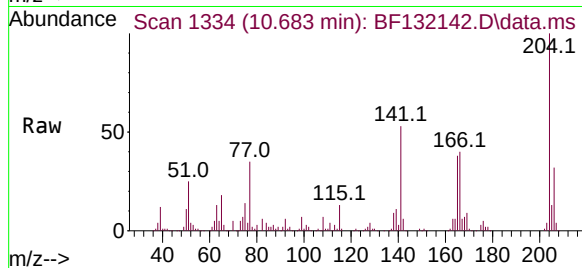




#61
4-Chlorophenyl-phenylether
Concen: 10.878 ng
RT: 10.683 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF132142.D
Acq: 19 Jan 2023 12:26

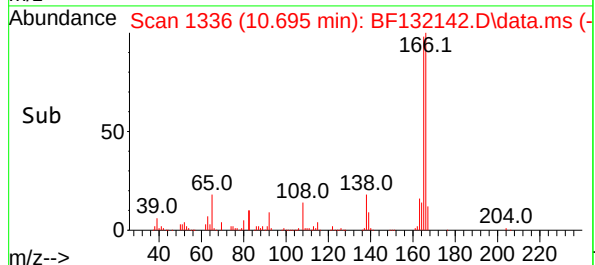
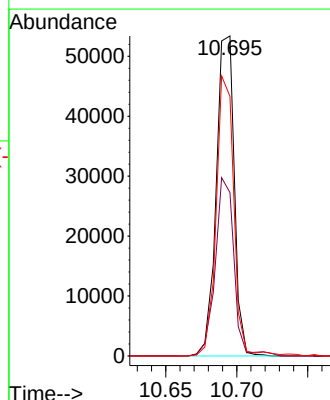
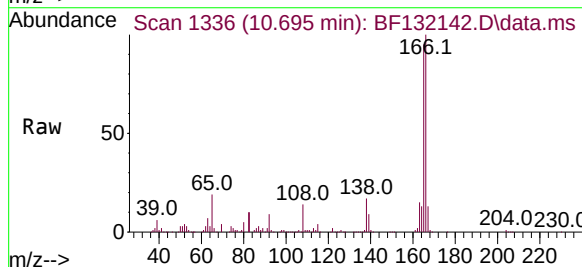
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

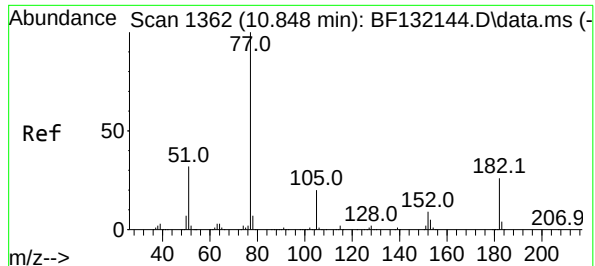
Tgt Ion:204 Resp: 134364
Ion Ratio Lower Upper
204 100
206 32.0 26.4 39.6
141 52.9 49.2 73.8



#62
4-Nitroaniline
Concen: 9.855 ng
RT: 10.695 min Scan# 1336
Delta R.T. -0.012 min
Lab File: BF132142.D
Acq: 19 Jan 2023 12:26

Tgt Ion:138 Resp: 47271
Ion Ratio Lower Upper
138 100
92 51.0 35.9 75.9
108 81.1 72.0 112.0

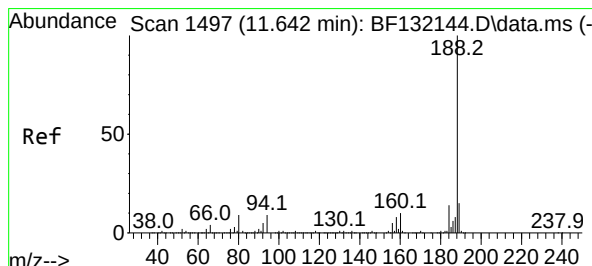
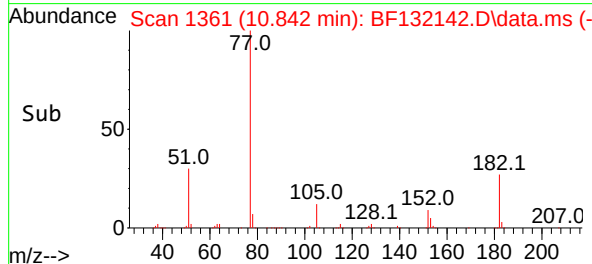
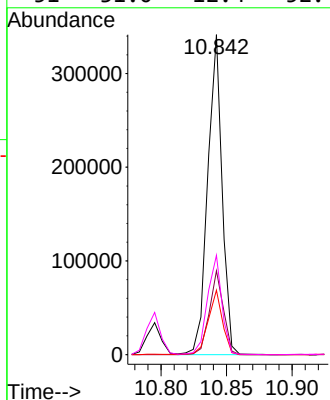
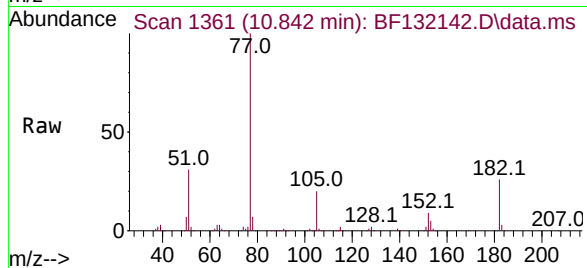




#63
Azobenzene
Concen: 10.627 ng
RT: 10.842 min Scan# 1362
Delta R.T. -0.006 min
Lab File: BF132142.D
Acq: 19 Jan 2023 12:26

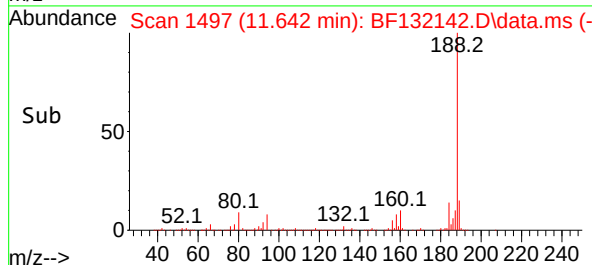
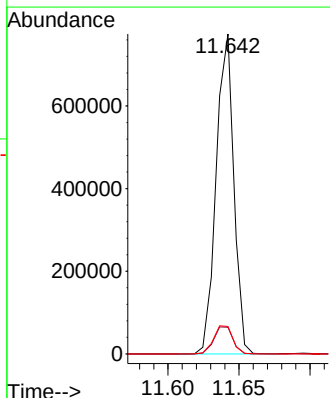
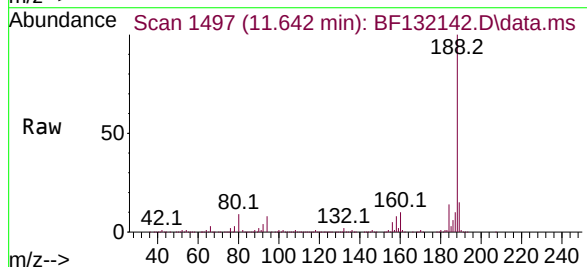
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

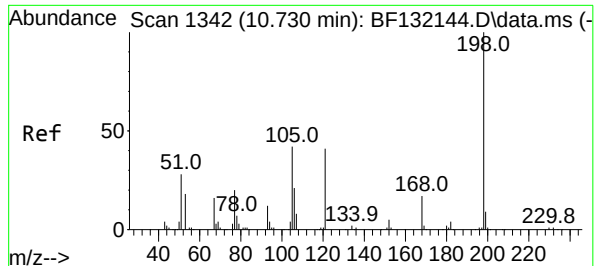
Tgt Ion: 77	Resp: 260037
Ion Ratio	Lower Upper
77 100	
182 26.2	6.4 46.4
105 20.1	0.0 39.8
51 31.0	12.4 52.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.642 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BF132142.D
Acq: 19 Jan 2023 12:26

Tgt Ion:188	Resp: 671726
Ion Ratio	Lower Upper
188 100	
94 8.3	6.9 10.3
80 8.6	7.5 11.3





#65

4,6-Dinitro-2-methylphenol

Concen: 6.725 ng

RT: 10.719 min Scan# 1342

Delta R.T. -0.011 min

Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

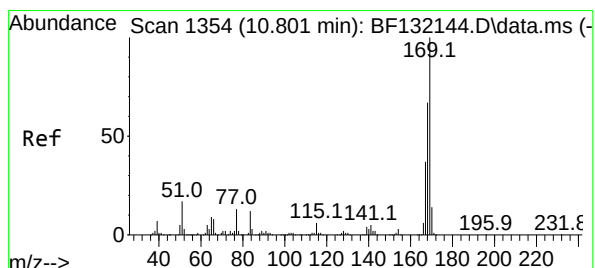
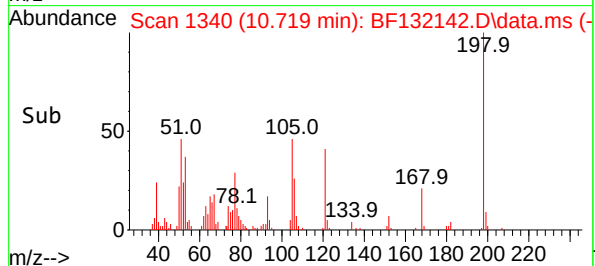
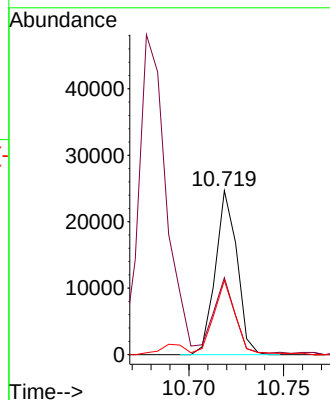
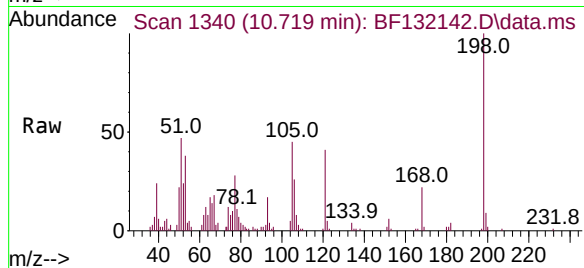
Tgt Ion:198 Resp: 19587

Ion Ratio Lower Upper

198 100

51 46.9 24.3 64.3

105 45.2 23.3 63.3



#66

n-Nitrosodiphenylamine

Concen: 10.636 ng

RT: 10.795 min Scan# 1353

Delta R.T. -0.006 min

Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

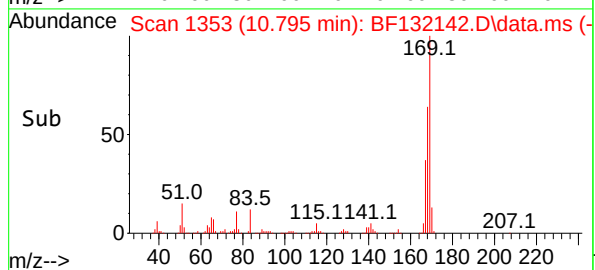
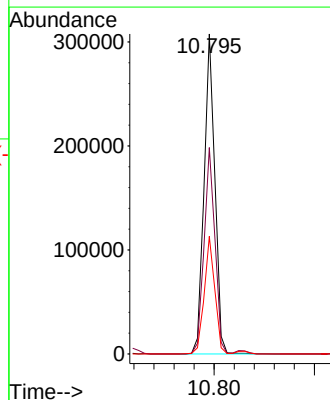
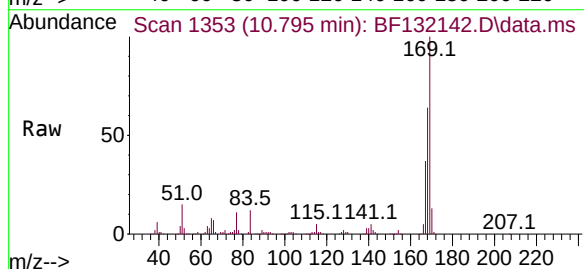
Tgt Ion:169 Resp: 228808

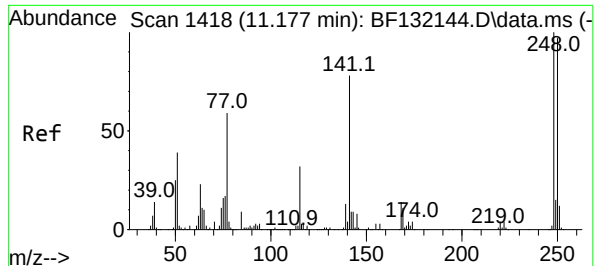
Ion Ratio Lower Upper

169 100

168 64.5 53.4 80.0

167 36.7 29.7 44.5

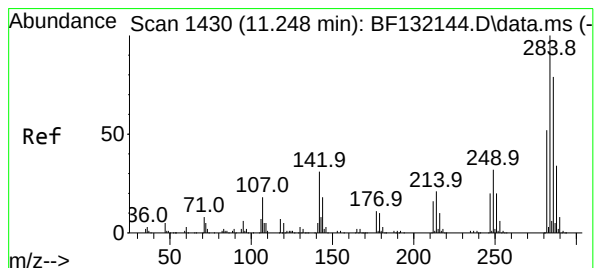
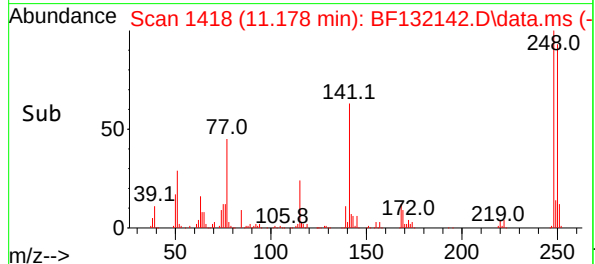
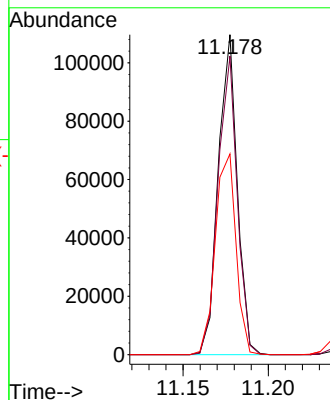
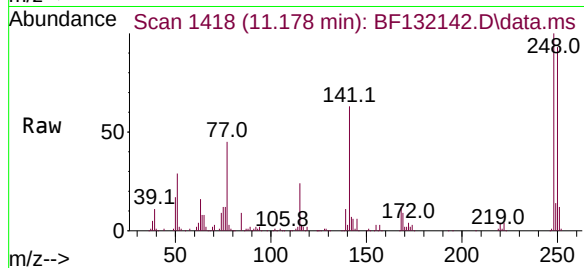




#67
4-Bromophenyl-phenylether
Concen: 10.365 ng
RT: 11.178 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF132142.D
Acq: 19 Jan 2023 12:26

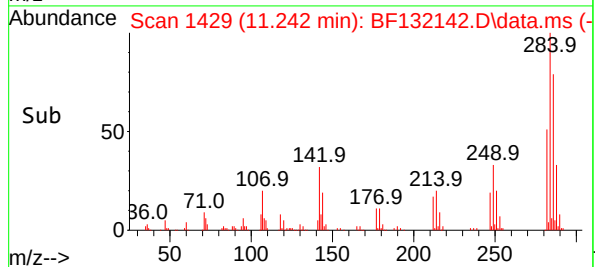
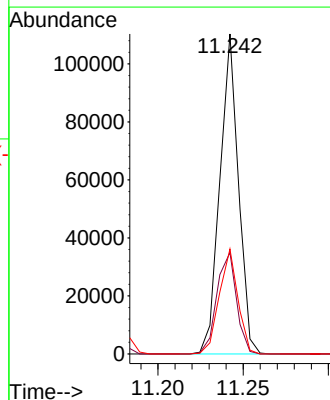
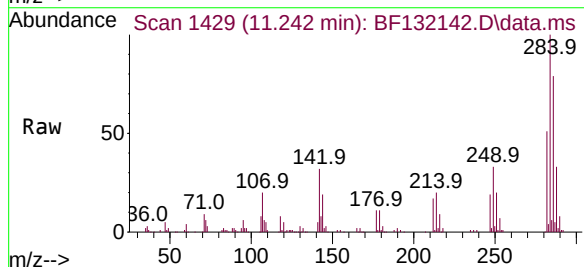
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

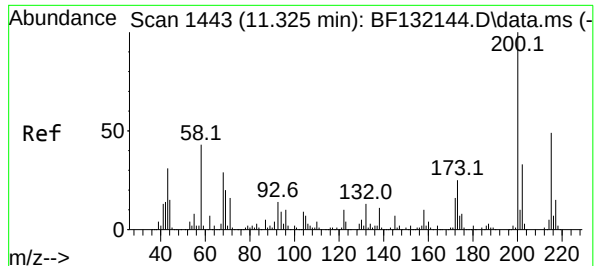
Tgt Ion:248 Resp: 84869
Ion Ratio Lower Upper
248 100
250 93.3 77.4 116.0
141 62.7 62.2 93.2



#68
Hexachlorobenzene
Concen: 10.254 ng
RT: 11.242 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF132142.D
Acq: 19 Jan 2023 12:26

Tgt Ion:284 Resp: 83441
Ion Ratio Lower Upper
284 100
142 31.7 24.7 37.1
249 32.8 25.6 38.4





#69

Atrazine

Concen: 10.201 ng

RT: 11.319 min Scan# 1442

Delta R.T. -0.006 min

Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

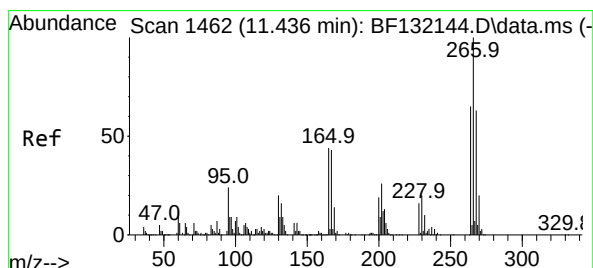
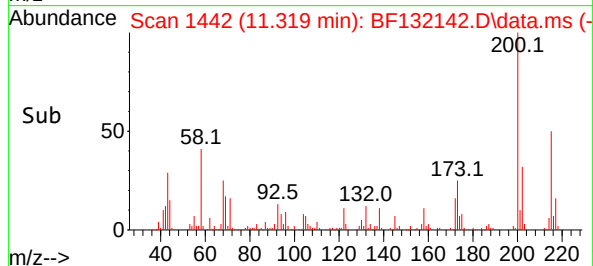
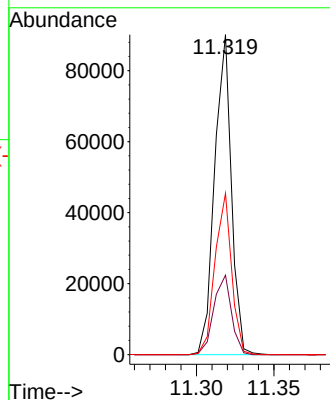
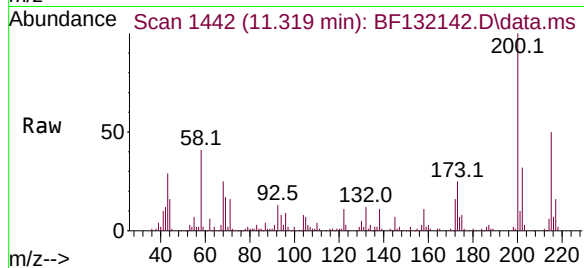
Tgt Ion:200 Resp: 67709

Ion Ratio Lower Upper

200 100

173 24.8 5.0 45.0

215 50.4 28.6 68.6



#70

Pentachlorophenol

Concen: 8.731 ng

RT: 11.430 min Scan# 1461

Delta R.T. -0.006 min

Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

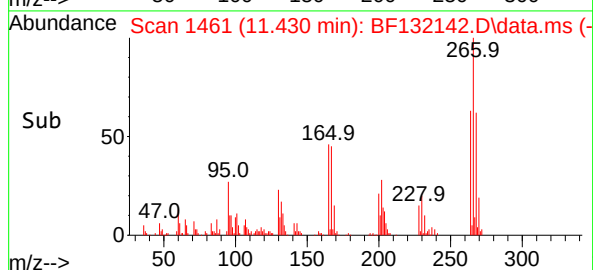
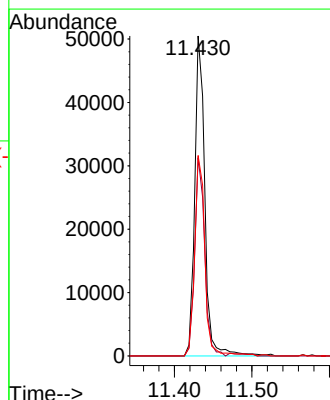
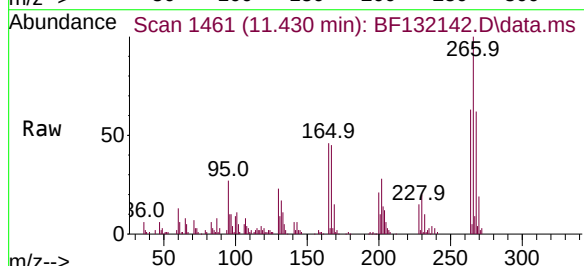
Tgt Ion:266 Resp: 45654

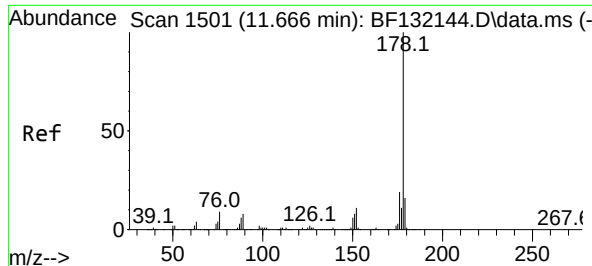
Ion Ratio Lower Upper

266 100

268 62.0 50.8 76.2

264 62.6 52.3 78.5

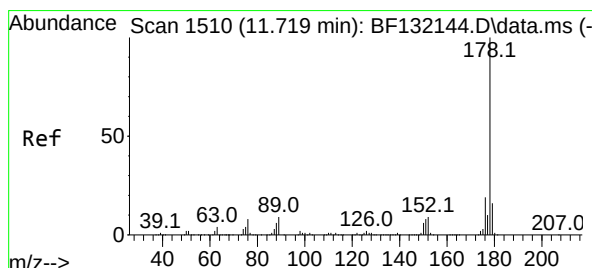
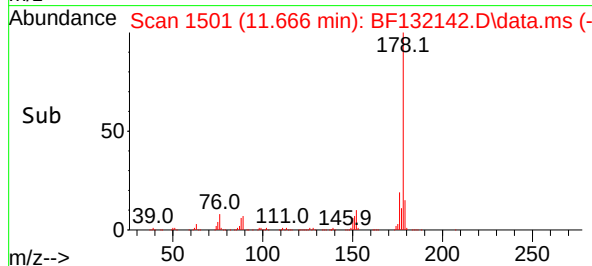
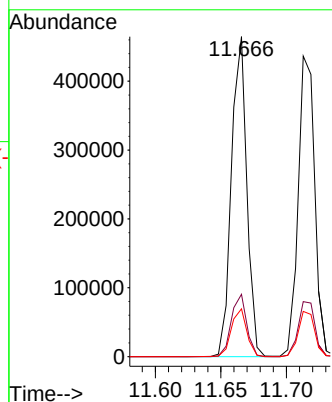
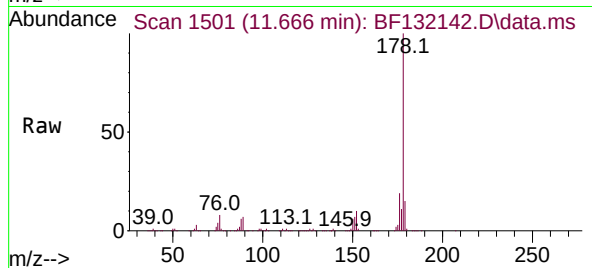




#71
Phenanthrene
Concen: 10.800 ng
RT: 11.666 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132142.D
Acq: 19 Jan 2023 12:26

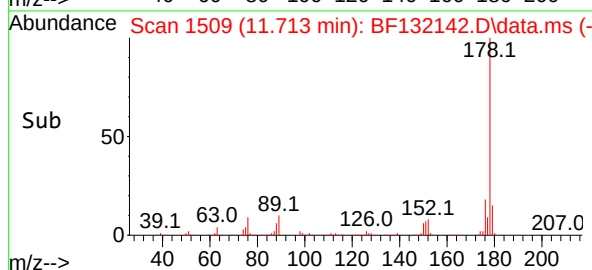
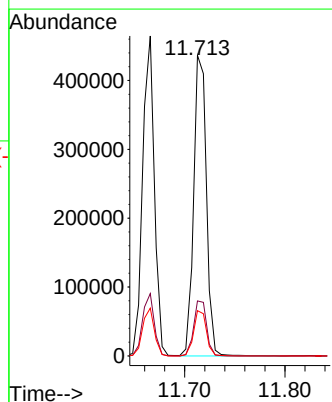
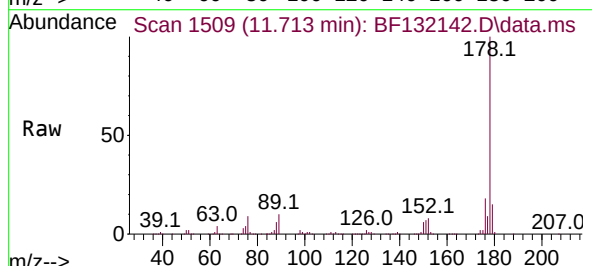
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

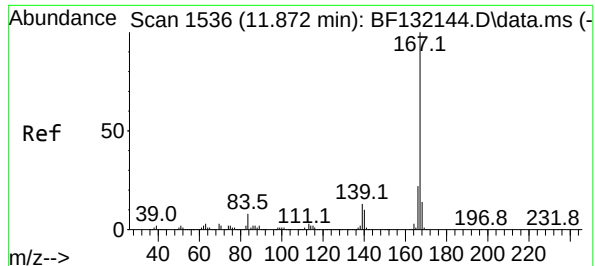
Tgt Ion:178 Resp: 380704
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 14.9 12.6 19.0



#72
Anthracene
Concen: 10.833 ng
RT: 11.713 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF132142.D
Acq: 19 Jan 2023 12:26

Tgt Ion:178 Resp: 386327
Ion Ratio Lower Upper
178 100
176 18.3 15.3 22.9
179 15.0 12.6 18.8

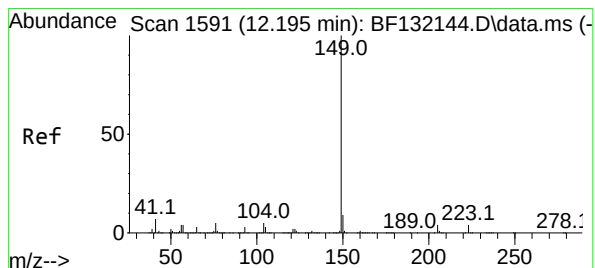
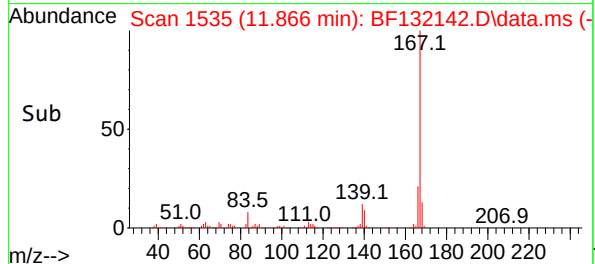
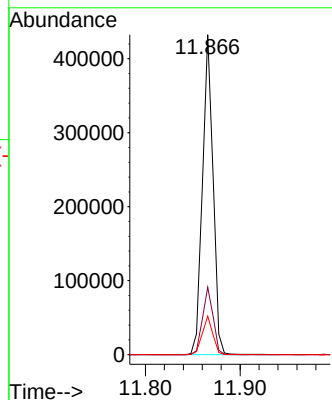
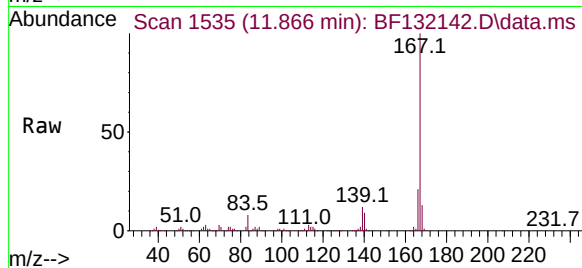




#73
 Carbazole
 Concen: 10.997 ng
 RT: 11.866 min Scan# 1535
 Delta R.T. -0.006 min
 Lab File: BF132142.D
 Acq: 19 Jan 2023 12:26

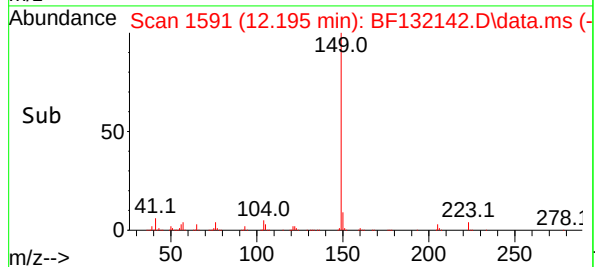
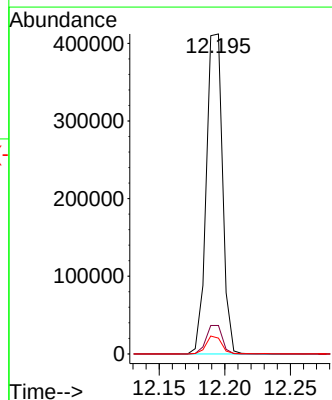
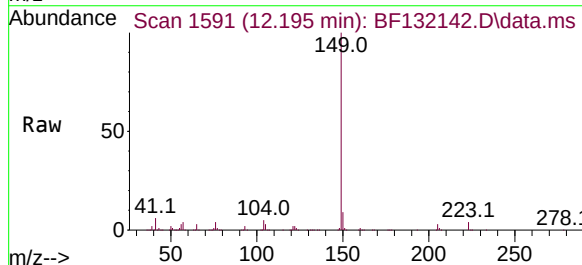
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

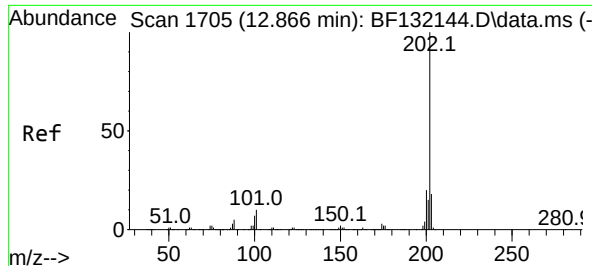
Tgt Ion:167 Resp: 334989
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.7 26.5
 139 12.0 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 10.421 ng
 RT: 12.195 min Scan# 1591
 Delta R.T. 0.000 min
 Lab File: BF132142.D
 Acq: 19 Jan 2023 12:26

Tgt Ion:149 Resp: 353393
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.5 11.3
 104 4.9 4.3 6.5

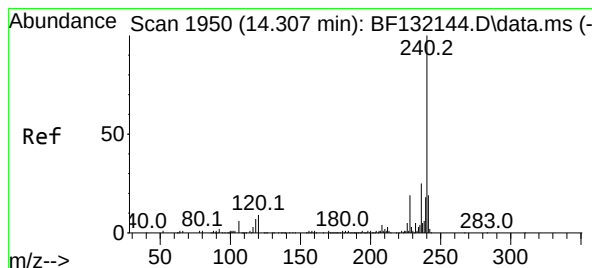
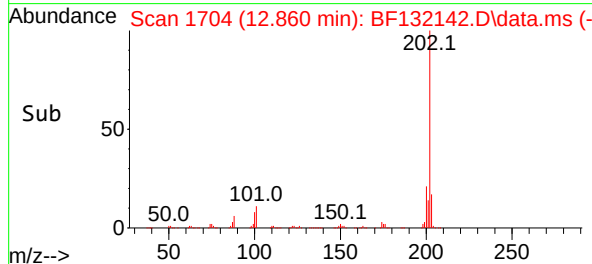
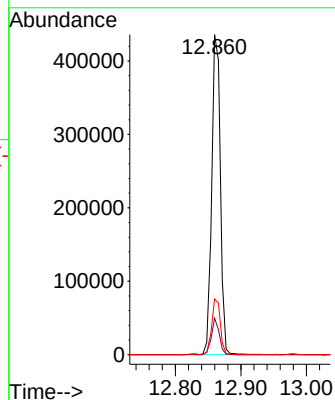
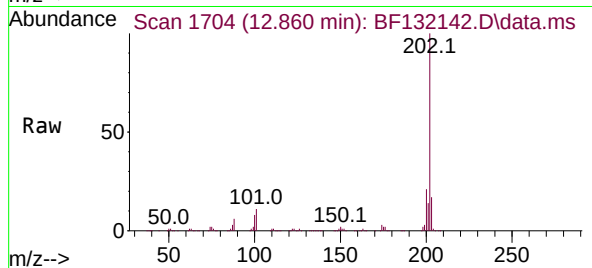




#75
Fluoranthene
Concen: 11.035 ng
RT: 12.860 min Scan# 1705
Delta R.T. -0.006 min
Lab File: BF132142.D
Acq: 19 Jan 2023 12:26

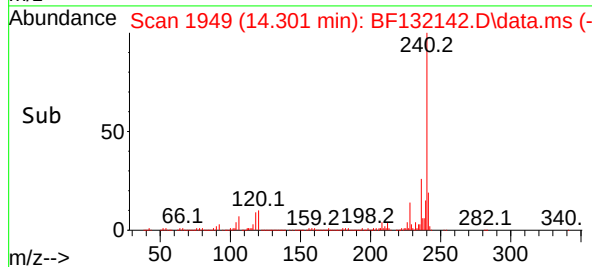
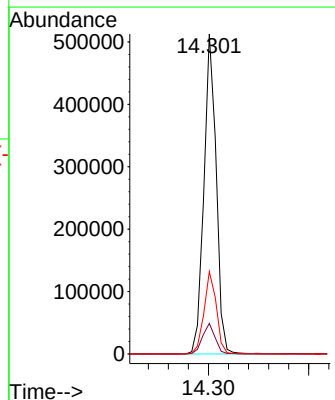
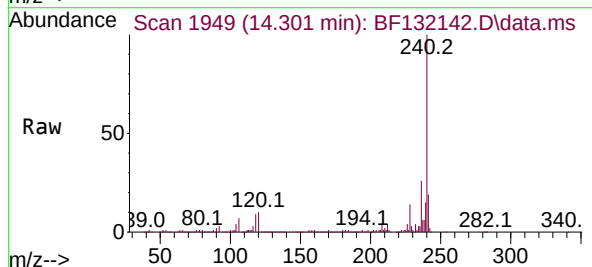
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

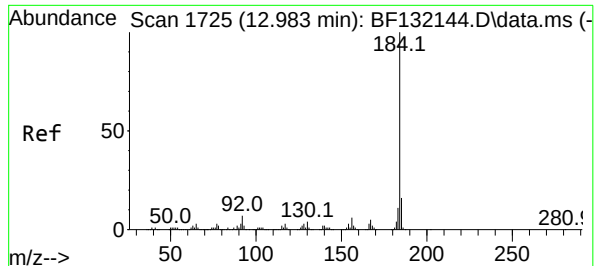
Tgt Ion:202 Resp: 399560
Ion Ratio Lower Upper
202 100
101 11.4 0.0 29.6
203 17.4 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.301 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BF132142.D
Acq: 19 Jan 2023 12:26

Tgt Ion:240 Resp: 434613
Ion Ratio Lower Upper
240 100
120 9.5 6.9 10.3
236 25.7 20.3 30.5

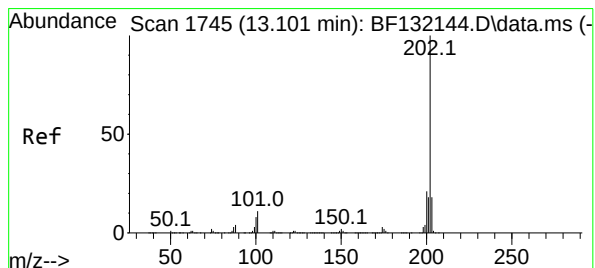
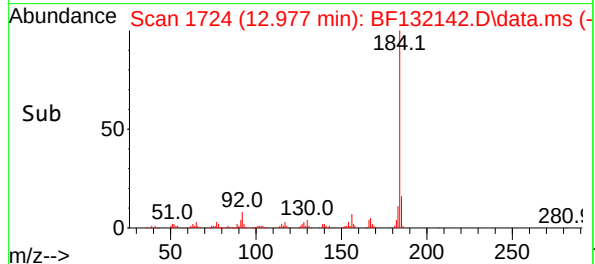
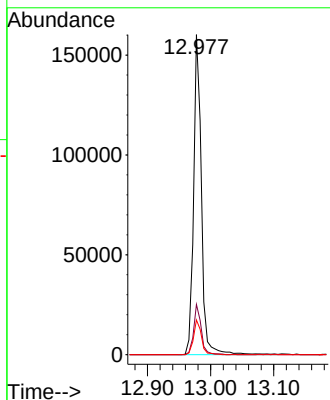
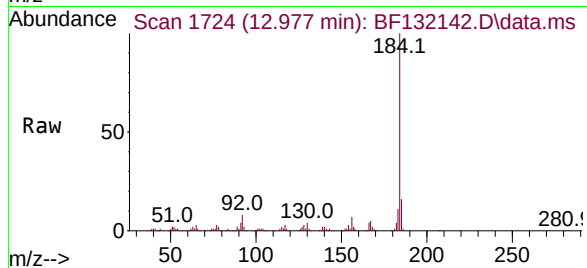




#77
Benzidine
Concen: 10.569 ng
RT: 12.977 min Scan# 1724
Delta R.T. -0.006 min
Lab File: BF132142.D
Acq: 19 Jan 2023 12:26

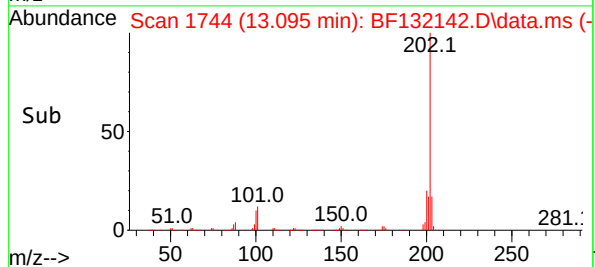
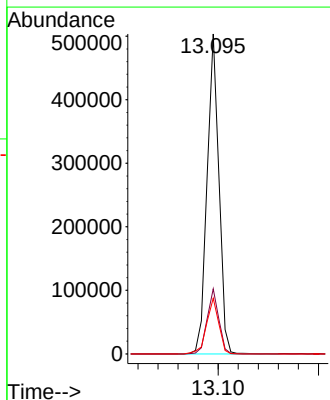
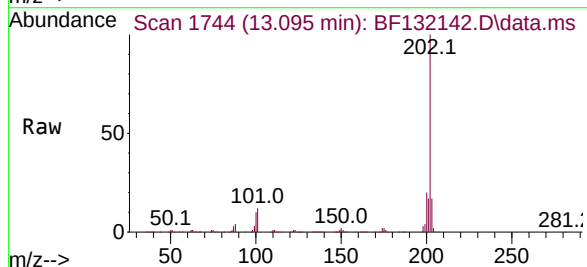
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

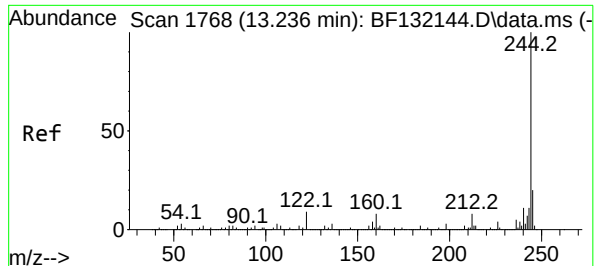
Tgt Ion:184 Resp: 137915
Ion Ratio Lower Upper
184 100
185 15.7 12.5 18.7
183 10.8 9.0 13.4



#78
Pyrene
Concen: 10.255 ng
RT: 13.095 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BF132142.D
Acq: 19 Jan 2023 12:26

Tgt Ion:202 Resp: 410756
Ion Ratio Lower Upper
202 100
200 20.3 16.7 25.1
203 17.4 14.0 21.0

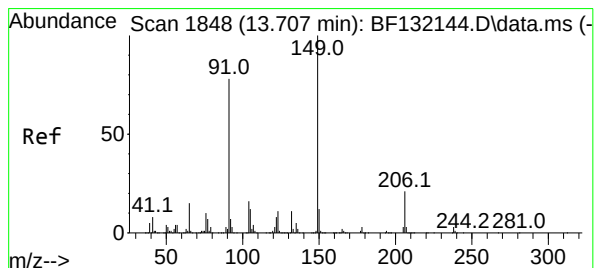
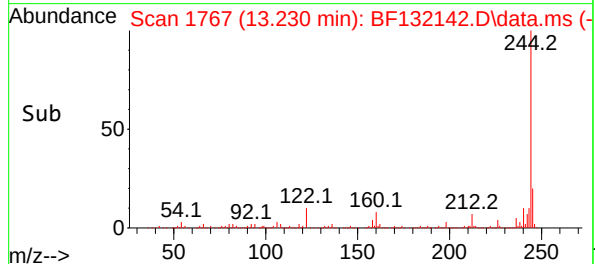
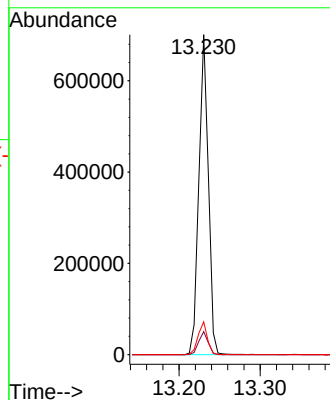
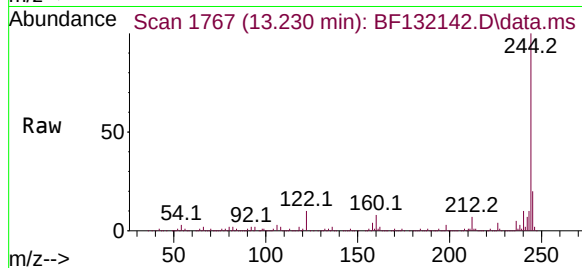




#79
Terphenyl-d14
Concen: 21.750 ng
RT: 13.230 min Scan# 1768
Delta R.T. -0.006 min
Lab File: BF132142.D
Acq: 19 Jan 2023 12:26

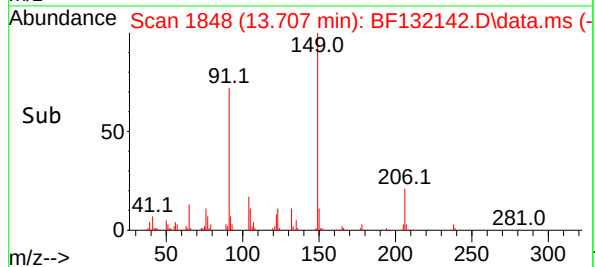
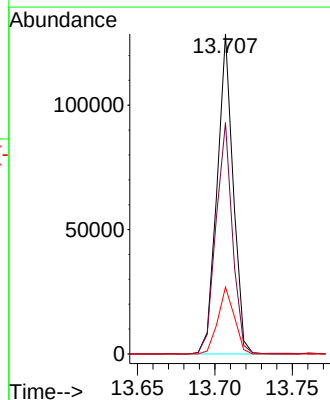
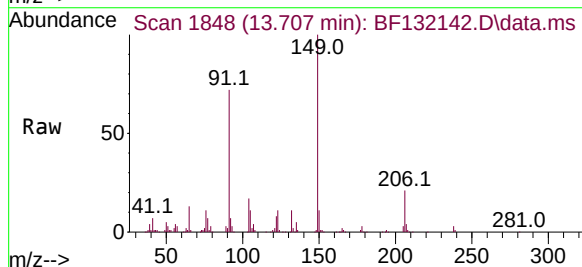
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

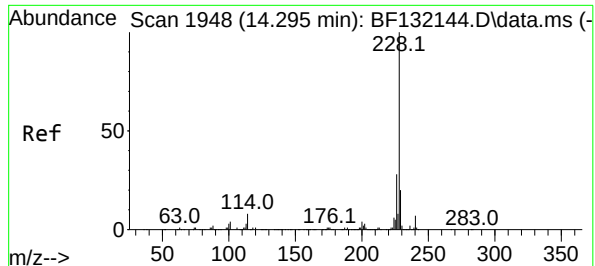
Tgt Ion:244 Resp: 564308
Ion Ratio Lower Upper
244 100
212 7.2 6.7 10.1
122 10.2 7.4 11.2



#80
Butylbenzylphthalate
Concen: 8.012 ng
RT: 13.707 min Scan# 1848
Delta R.T. -0.000 min
Lab File: BF132142.D
Acq: 19 Jan 2023 12:26

Tgt Ion:149 Resp: 93001
Ion Ratio Lower Upper
149 100
91 72.3 62.6 94.0
206 20.9 16.4 24.6





#81

Benzo(a)anthracene

Concen: 9.932 ng

RT: 14.289 min Scan# 1948

Delta R.T. -0.006 min

Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

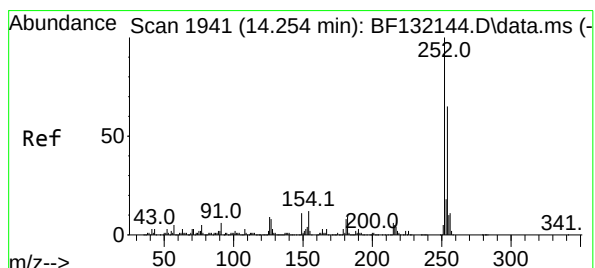
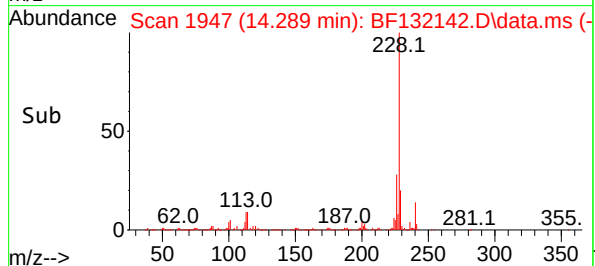
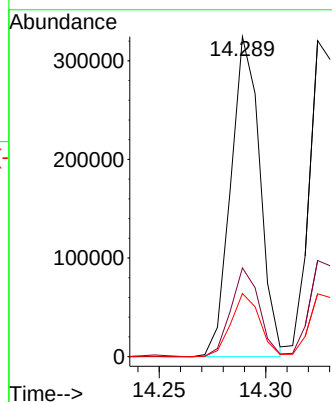
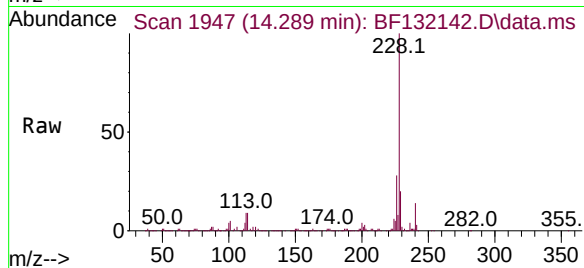
Tgt Ion:228 Resp: 308379

Ion Ratio Lower Upper

228 100

226 27.7 22.5 33.7

229 19.7 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 8.681 ng

RT: 14.248 min Scan# 1940

Delta R.T. -0.006 min

Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

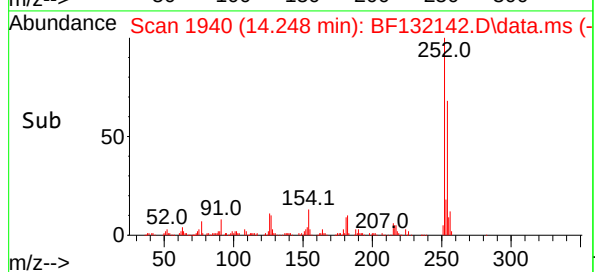
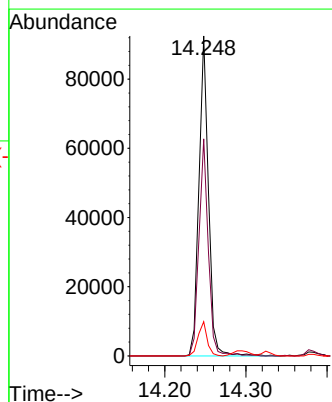
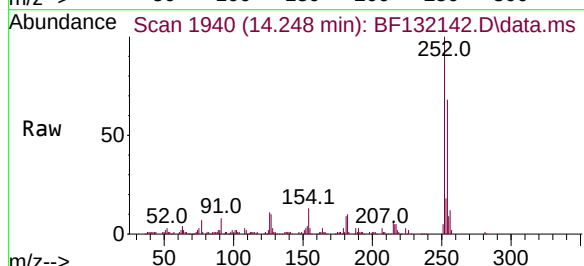
Tgt Ion:252 Resp: 75066

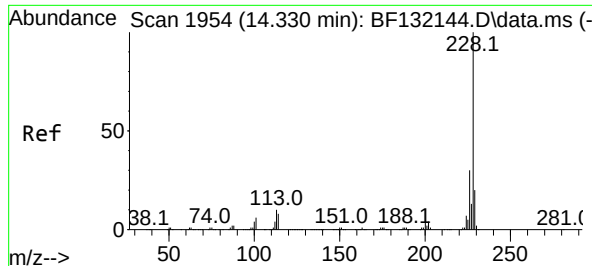
Ion Ratio Lower Upper

252 100

254 67.8 52.4 78.6

126 10.7 7.0 10.6#





#83

Chrysene

Concen: 10.039 ng

RT: 14.324 min Scan# 1953

Delta R.T. -0.006 min

Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

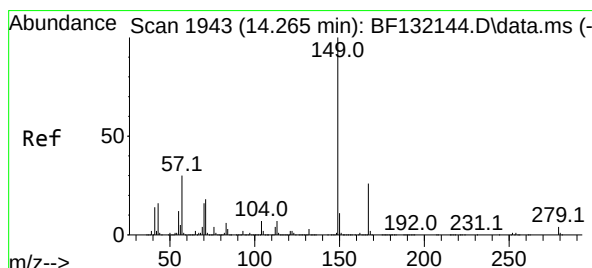
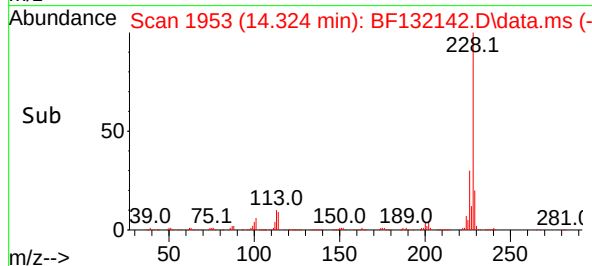
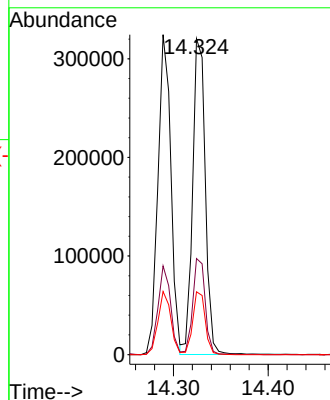
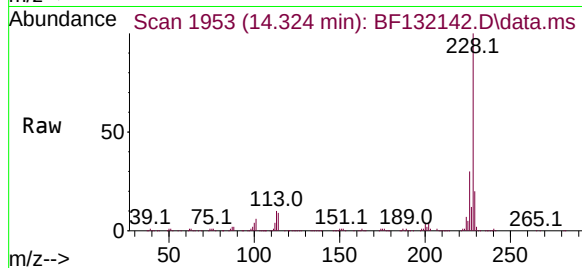
Tgt Ion:228 Resp: 296684

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 19.9 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.754 ng

RT: 14.266 min Scan# 1943

Delta R.T. 0.001 min

Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

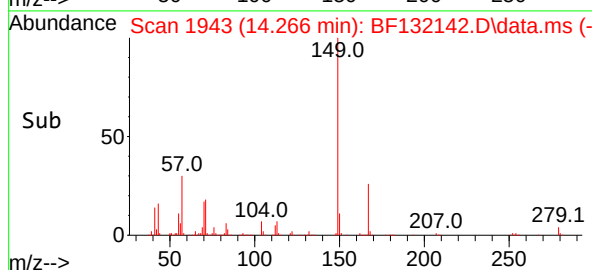
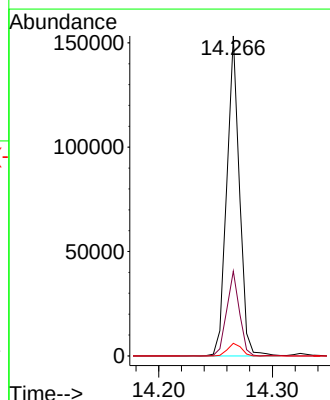
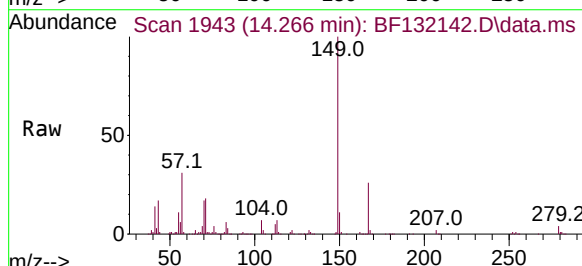
Tgt Ion:149 Resp: 118849

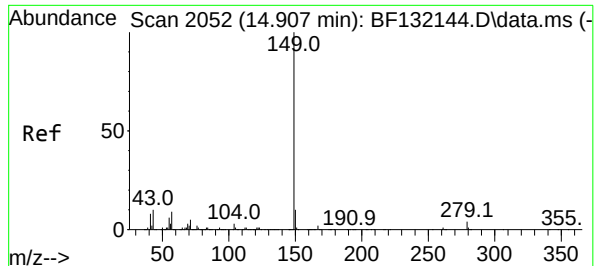
Ion Ratio Lower Upper

149 100

167 26.5 21.0 31.6

279 4.0 3.2 4.8

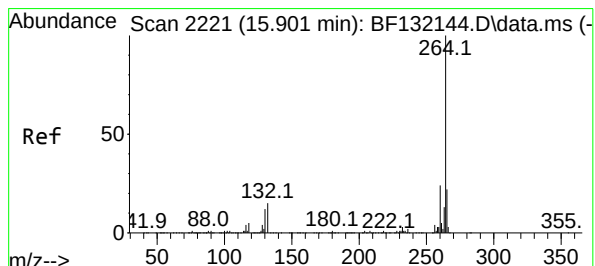
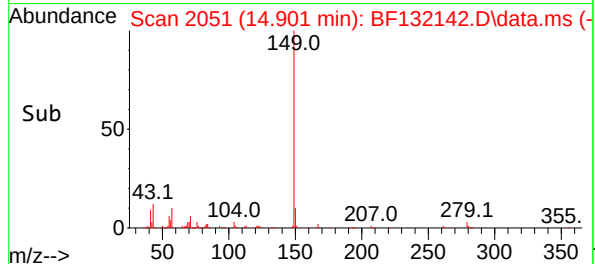
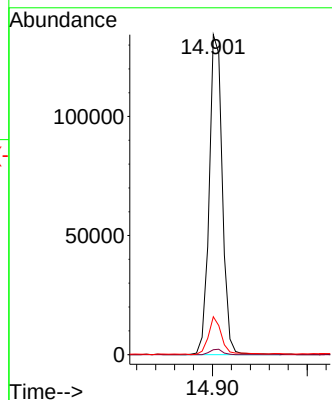
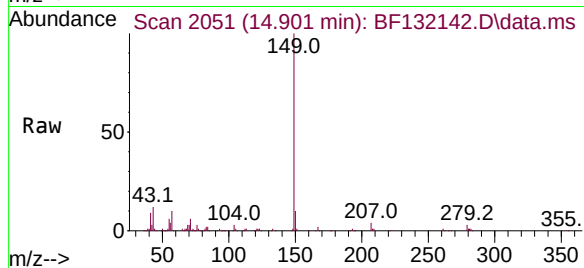




#85
Di-n-octyl phthalate
Concen: 5.499 ng
RT: 14.901 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BF132142.D
Acq: 19 Jan 2023 12:26

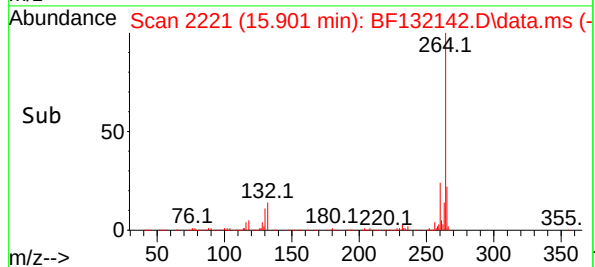
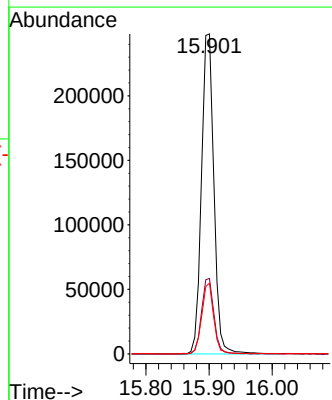
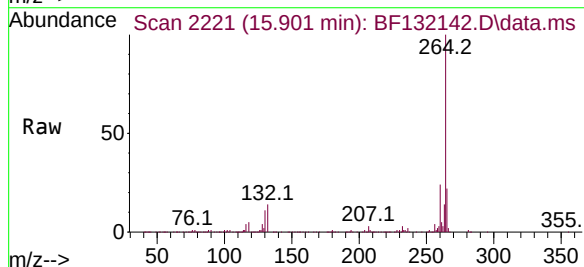
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

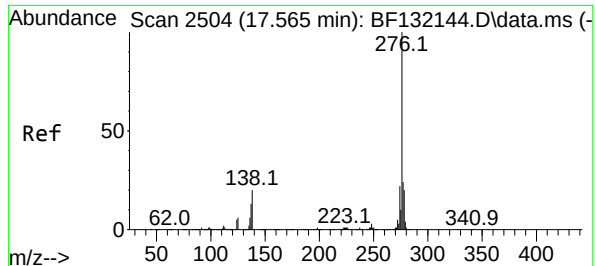
Tgt Ion:149 Resp: 129384
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.3 8.4 12.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.901 min Scan# 2221
Delta R.T. 0.000 min
Lab File: BF132142.D
Acq: 19 Jan 2023 12:26

Tgt Ion:264 Resp: 339398
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 22.1 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.246 ng

RT: 17.554 min Scan# 21

Delta R.T. -0.011 min

Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

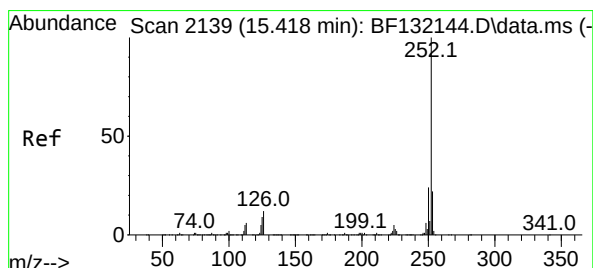
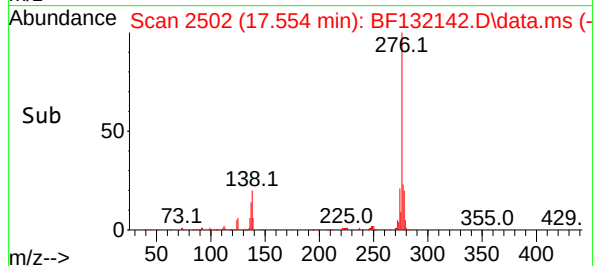
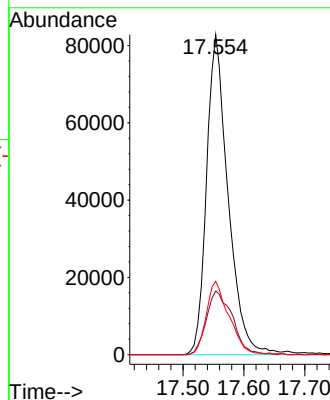
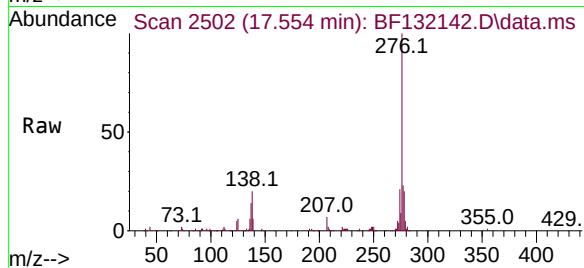
Tgt Ion:276 Resp: 203109

Ion Ratio Lower Upper

276 100

138 23.9 17.9 26.9

277 24.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 10.135 ng

RT: 15.413 min Scan# 2138

Delta R.T. -0.005 min

Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

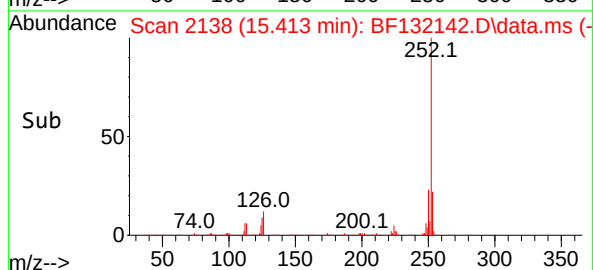
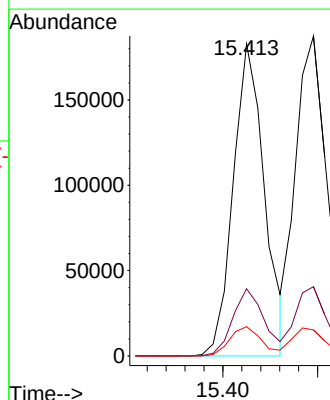
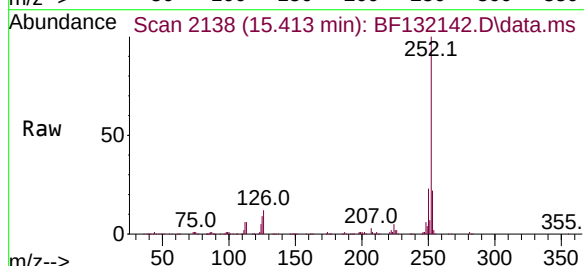
Tgt Ion:252 Resp: 209435

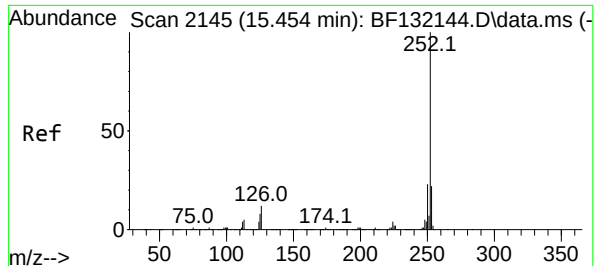
Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.6

125 9.3 7.2 10.8





#89

Benzo(k)fluoranthene

Concen: 10.480 ng

RT: 15.448 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

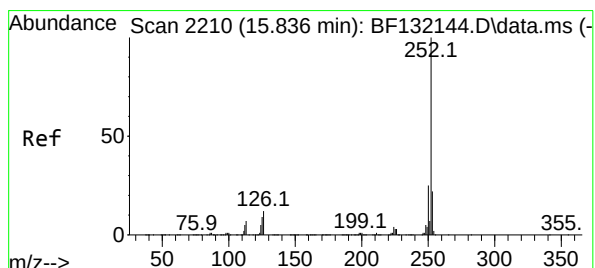
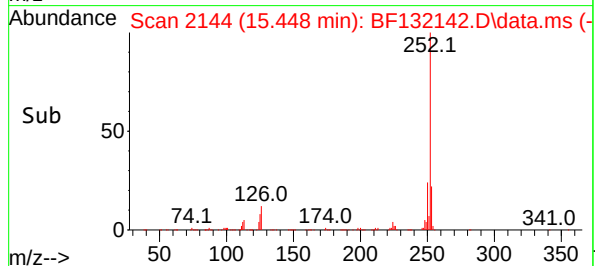
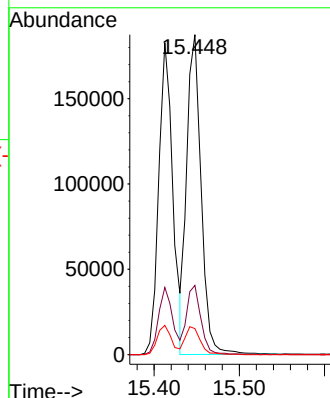
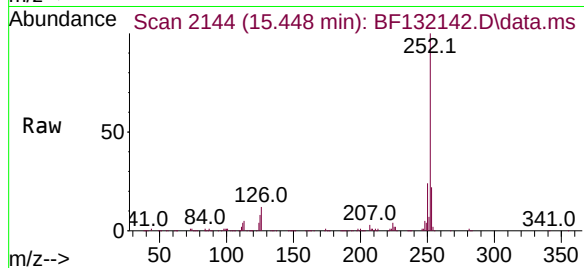
Tgt Ion:252 Resp: 220873

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 8.2 6.4 9.6



#90

Benzo(a)pyrene

Concen: 9.403 ng

RT: 15.824 min Scan# 2208

Delta R.T. -0.012 min

Lab File: BF132142.D

Acq: 19 Jan 2023 12:26

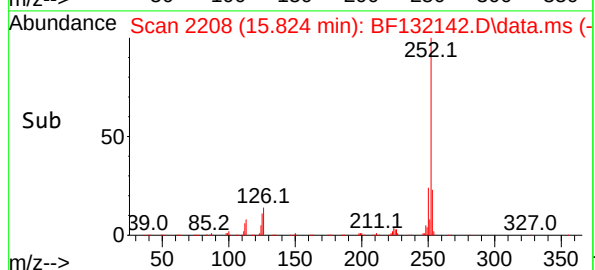
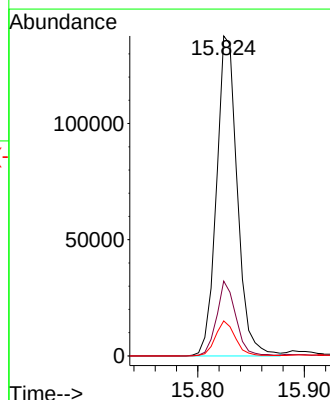
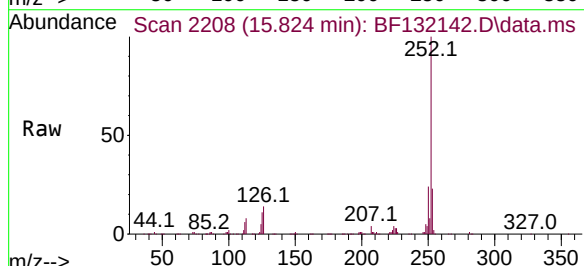
Tgt Ion:252 Resp: 186928

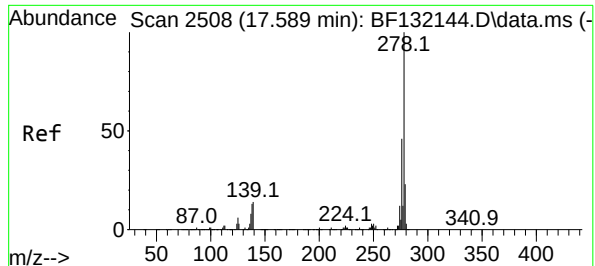
Ion Ratio Lower Upper

252 100

253 23.4 17.5 26.3

125 10.9 7.3 10.9#

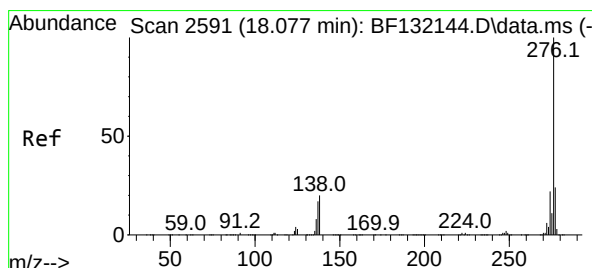
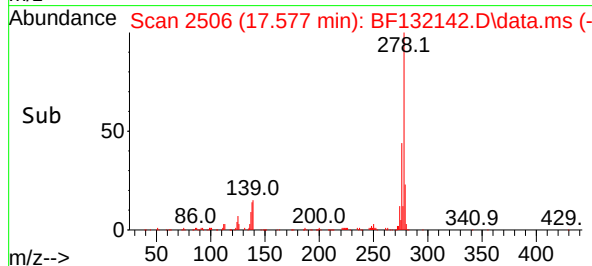
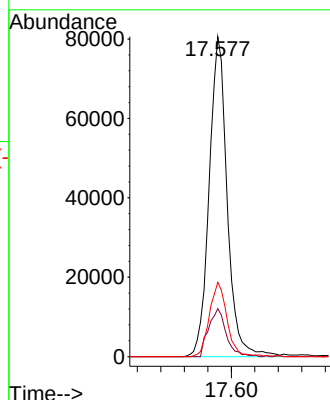
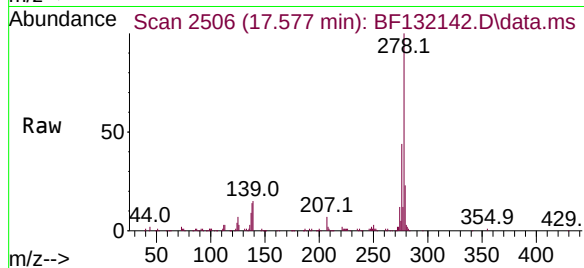




#91
Dibenzo(a,h)anthracene
Concen: 8.527 ng
RT: 17.577 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF132142.D
Acq: 19 Jan 2023 12:26

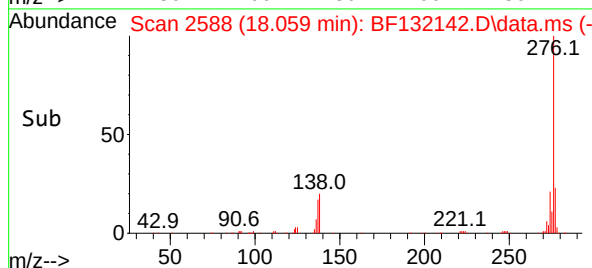
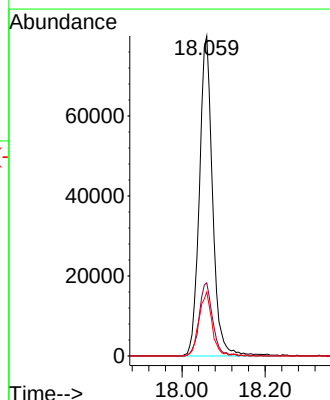
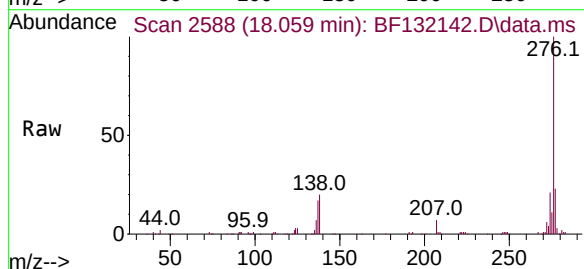
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 171280
Ion Ratio Lower Upper
278 100
139 15.0 11.4 17.2
279 23.2 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 8.331 ng
RT: 18.059 min Scan# 2588
Delta R.T. -0.018 min
Lab File: BF132142.D
Acq: 19 Jan 2023 12:26

Tgt Ion:276 Resp: 176091
Ion Ratio Lower Upper
276 100
277 22.8 18.9 28.3
138 19.9 15.7 23.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011923\
 Data File : BF132143.D
 Acq On : 19 Jan 2023 12:59
 Operator : CG\JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Jan 20 00:10:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:07:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.089	152	177575	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	620425	20.000	ng	0.00
39) Acenaphthene-d10	10.142	164	328550	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	639965	20.000	ng	0.00
76) Chrysene-d12	14.301	240	367797	20.000	ng	# 0.00
86) Perylene-d12	15.901	264	323952	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.701	112	427429	42.048	ng	0.00
7) Phenol-d6	6.695	99	538343	42.071	ng	0.00
23) Nitrobenzene-d5	7.648	82	475248	40.692	ng	0.00
42) 2,4,6-Tribromophenol	10.936	330	146122	41.637	ng	0.00
45) 2-Fluorobiphenyl	9.454	172	924221	44.024	ng	0.00
79) Terphenyl-d14	13.230	244	937153	42.682	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.019	88	103973	20.189	ng	99
3) Pyridine	3.778	79	283925	20.537	ng	99
4) n-Nitrosodimethylamine	3.725	42	130228	20.029	ng	100
6) Aniline	6.748	93	362992	20.399	ng	99
8) 2-Chlorophenol	6.872	128	228290	21.365	ng	95
9) Benzaldehyde	6.642	77	181394	22.035	ng	97
10) Phenol	6.707	94	280535	21.059	ng	99
11) bis(2-Chloroethyl)ether	6.813	93	235199	20.856	ng	98
12) 1,3-Dichlorobenzene	7.031	146	249749	20.910	ng	99
13) 1,4-Dichlorobenzene	7.107	146	251976	21.142	ng	98
14) 1,2-Dichlorobenzene	7.260	146	235491	21.369	ng	98
15) Benzyl Alcohol	7.219	79	199836	20.142	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.360	45	343951	20.985	ng	99
17) 2-Methylphenol	7.319	107	195986	20.937	ng	98
18) Hexachloroethane	7.607	117	87861	20.537	ng	96
19) n-Nitroso-di-n-propyla...	7.489	70	163582	20.870	ng	99
20) 3+4-Methylphenols	7.472	107	253207	21.467	ng	93
22) Acetophenone	7.495	105	312922	20.984	ng	# 98
24) Nitrobenzene	7.672	77	254536	20.584	ng	94
25) Isophorone	7.907	82	457753	20.032	ng	97
26) 2-Nitrophenol	7.989	139	79652	18.478	ng	92
27) 2,4-Dimethylphenol	8.007	122	200911	20.319	ng	98
28) bis(2-Chloroethoxy)met...	8.113	93	286250	20.878	ng	99
29) 2,4-Dichlorophenol	8.225	162	193959	20.662	ng	96
30) 1,2,4-Trichlorobenzene	8.313	180	220172	20.649	ng	99
31) Naphthalene	8.401	128	666768	20.926	ng	99
32) Benzoic acid	8.084	122	93861	16.170	ng	93
33) 4-Chloroaniline	8.442	127	284387	20.856	ng	95
34) Hexachlorobutadiene	8.513	225	145075	20.254	ng	100
35) Caprolactam	8.795	113	53142	20.000	ng	97
36) 4-Chloro-3-methylphenol	8.907	107	194651	20.605	ng	100
37) 2-Methylnaphthalene	9.089	142	458759	20.912	ng	98
38) 1-Methylnaphthalene	9.195	142	428243	20.980	ng	100
40) 1,2,4,5-Tetrachloroben...	9.254	216	236280	20.670	ng	99
41) Hexachlorocyclopentadiene	9.242	237	112433	18.024	ng	96
43) 2,4,6-Trichlorophenol	9.360	196	146261	20.616	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011923\
 Data File : BF132143.D
 Acq On : 19 Jan 2023 12:59
 Operator : CG\JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Jan 20 00:10:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:07:35 2023
 Response via : Initial Calibration

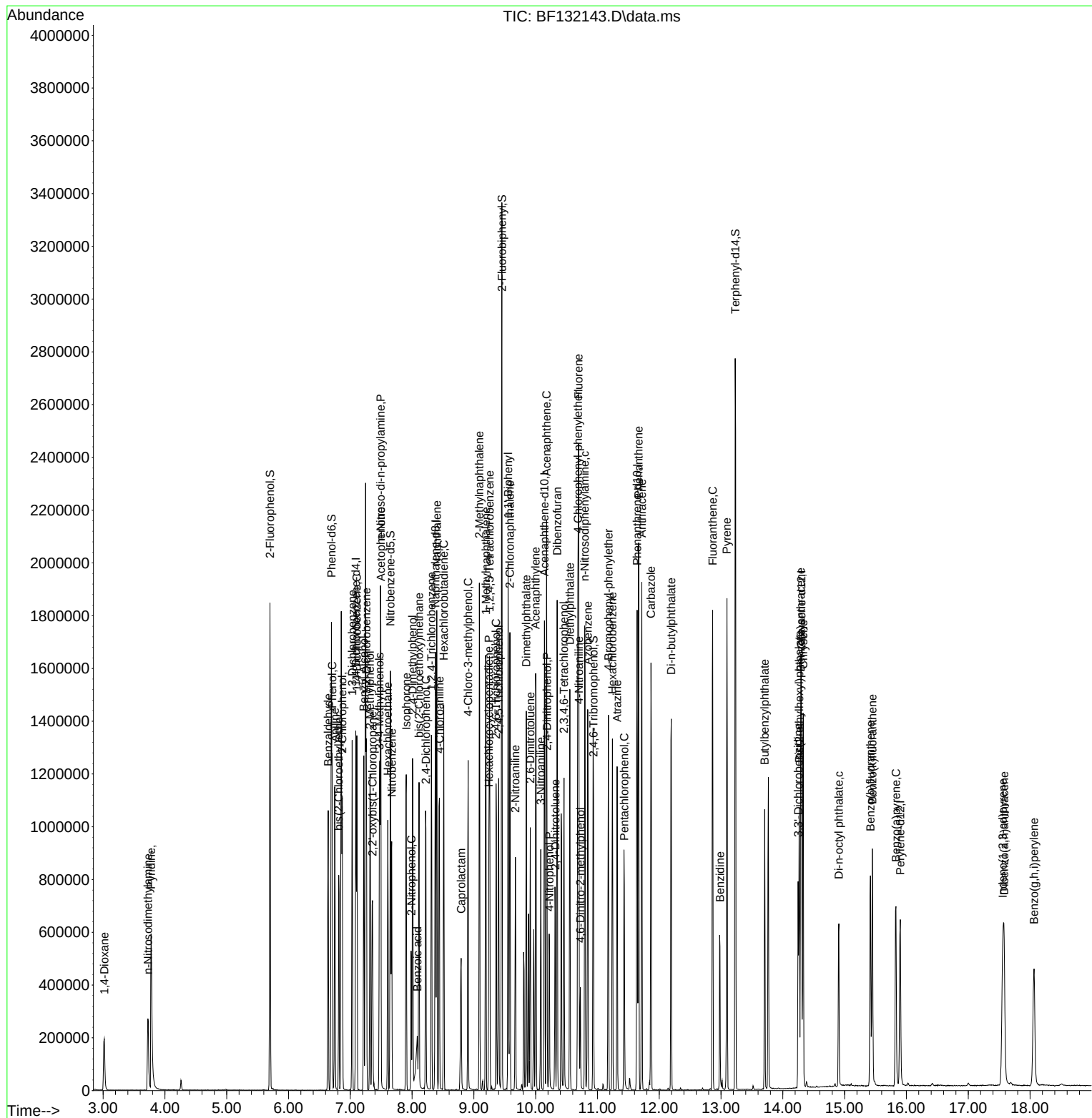
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.401	196	170434	20.541	ng	97
46) 1,1'-Biphenyl	9.554	154	544416	21.003	ng	99
47) 2-Chloronaphthalene	9.583	162	417187	20.821	ng	99
48) 2-Nitroaniline	9.672	65	116311	20.161	ng	97
49) Acenaphthylene	10.001	152	667961	20.838	ng	99
50) Dimethylphthalate	9.848	163	499198	20.979	ng	100
51) 2,6-Dinitrotoluene	9.913	165	93819	20.342	ng	89
52) Acenaphthene	10.177	154	398701	20.679	ng	99
53) 3-Nitroaniline	10.083	138	104344	21.160	ng	99
54) 2,4-Dinitrophenol	10.183	184	31754	17.046	ng	# 1
55) Dibenzofuran	10.348	168	618748	20.766	ng	99
56) 4-Nitrophenol	10.225	139	72500	20.202	ng	95
57) 2,4-Dinitrotoluene	10.319	165	111577	20.154	ng	# 85
58) Fluorene	10.695	166	465243	21.073	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.460	232	131354	20.811	ng	99
60) Diethylphthalate	10.554	149	487809	20.905	ng	100
61) 4-Chlorophenyl-phenyle...	10.683	204	246432	20.845	ng	98
62) 4-Nitroaniline	10.701	138	96209	20.957	ng	92
63) Azobenzene	10.842	77	492240	21.019	ng	97
65) 4,6-Dinitro-2-methylph...	10.725	198	45820	16.514	ng	96
66) n-Nitrosodiphenylamine	10.795	169	419303	20.458	ng	99
67) 4-Bromophenyl-phenylether	11.177	248	158088	20.266	ng	95
68) Hexachlorobenzene	11.242	284	155701	20.084	ng	95
69) Atrazine	11.319	200	130188	20.588	ng	99
70) Pentachlorophenol	11.436	266	99527	19.978	ng	96
71) Phenanthrene	11.666	178	693158	20.639	ng	99
72) Anthracene	11.719	178	706624	20.798	ng	99
73) Carbazole	11.866	167	609049	20.986	ng	98
74) Di-n-butylphthalate	12.195	149	685370	21.214	ng	99
75) Fluoranthene	12.866	202	718725	20.834	ng	98
77) Benzidine	12.983	184	226247	20.488	ng	99
78) Pyrene	13.095	202	721378	21.282	ng	99
80) Butylbenzylphthalate	13.707	149	196673	20.022	ng	94
81) Benzo(a)anthracene	14.289	228	531948	20.245	ng	98
82) 3,3'-Dichlorobenzidine	14.248	252	148391	20.279	ng	95
83) Chrysene	14.330	228	496952	19.870	ng	100
84) Bis(2-ethylhexyl)phtha...	14.265	149	254101	19.590	ng	99
85) Di-n-octyl phthalate	14.907	149	300157	15.074	ng	99
87) Indeno(1,2,3-cd)pyrene	17.559	276	473348	20.135	ng	99
88) Benzo(b)fluoranthene	15.418	252	382655	19.400	ng	99
89) Benzo(k)fluoranthene	15.448	252	422247	20.990	ng	99
90) Benzo(a)pyrene	15.830	252	374919	19.760	ng	99
91) Dibenzo(a,h)anthracene	17.583	278	393739	20.537	ng	100
92) Benzo(g,h,i)perylene	18.065	276	410458	20.346	ng	98

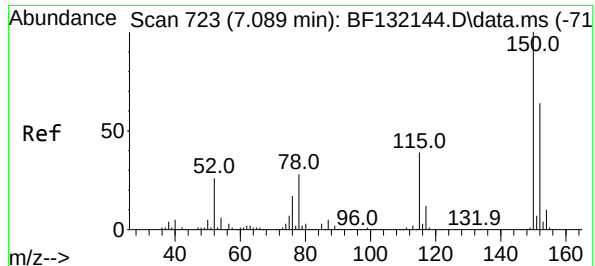
(#) = qualifier out of range (m) = manual integration (+) = signals summed


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Data File : BF132143.D  
Acq On    : 19 Jan 2023  12:59  
Operator  : CG\JU  
Sample    : SSTDICC020  
Misc      :  
ALS Vial  : 5    Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
SSTDICC020

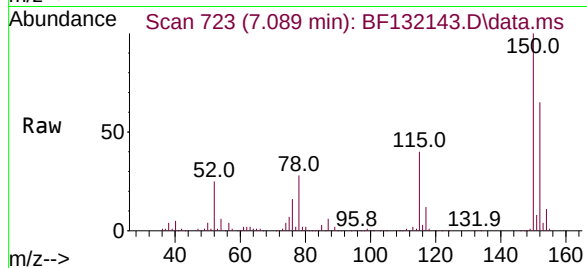
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 20 00:07:35 2023
Response via : Initial Calibration



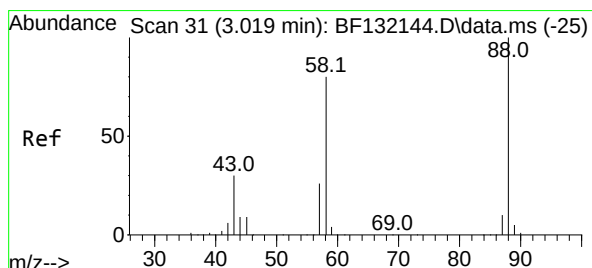
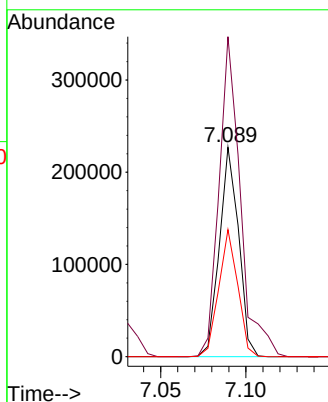
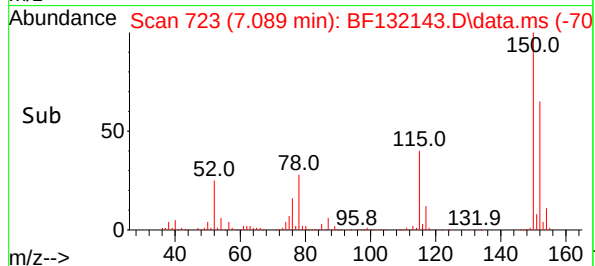


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.089 min Scan# 723
Delta R.T. 0.000 min
Lab File: BF132143.D
Acq: 19 Jan 2023 12:59

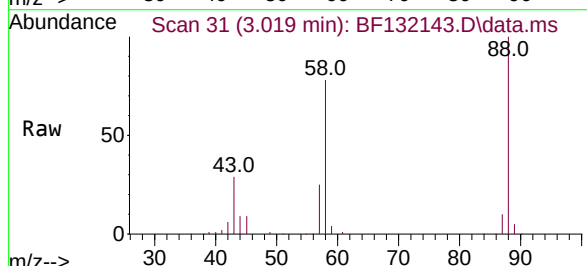
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



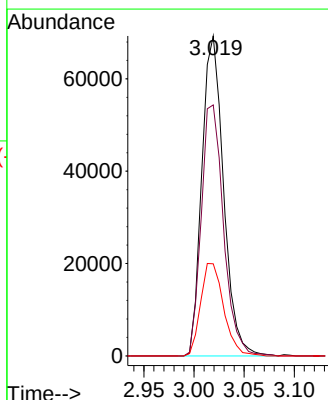
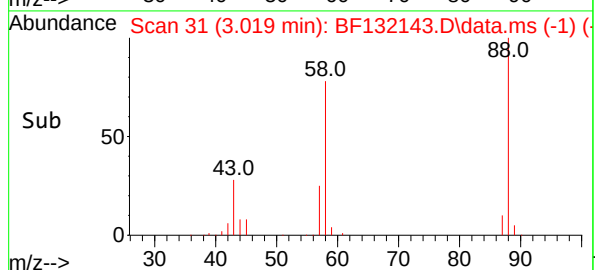
Tgt Ion:152 Resp: 177575
Ion Ratio Lower Upper
152 100
150 152.9 125.8 188.8
115 60.7 49.2 73.8

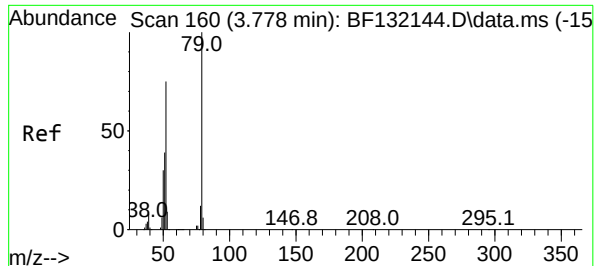


#2
1,4-Dioxane
Concen: 20.189 ng
RT: 3.019 min Scan# 31
Delta R.T. -0.000 min
Lab File: BF132143.D
Acq: 19 Jan 2023 12:59



Tgt Ion: 88 Resp: 103973
Ion Ratio Lower Upper
88 100
58 80.6 64.0 96.0
43 30.8 24.2 36.4





#3

Pyridine

Concen: 20.537 ng

RT: 3.778 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF132143.D

Acq: 19 Jan 2023 12:59

Instrument :

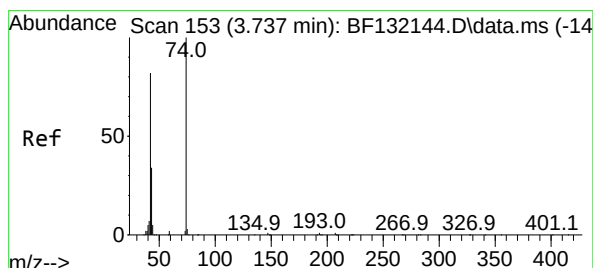
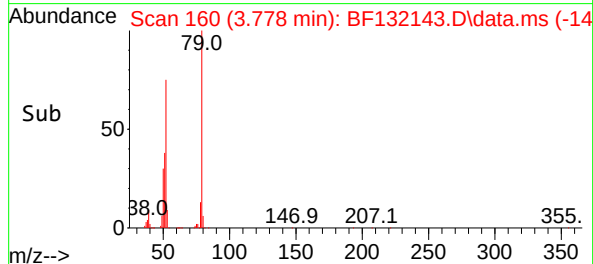
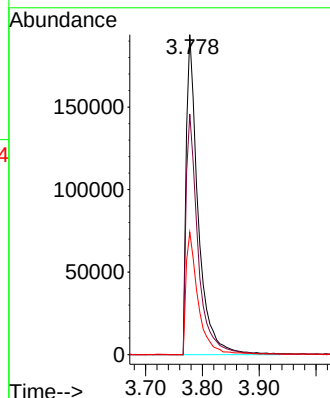
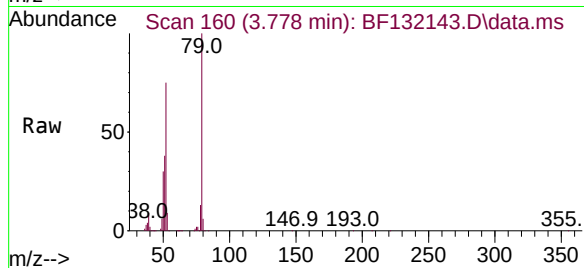
BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 283925

Ion	Ratio	Lower	Upper
79	100		
52	75.1	60.1	90.1
51	38.2	31.4	47.0



#4

n-Nitrosodimethylamine

Concen: 20.029 ng

RT: 3.725 min Scan# 151

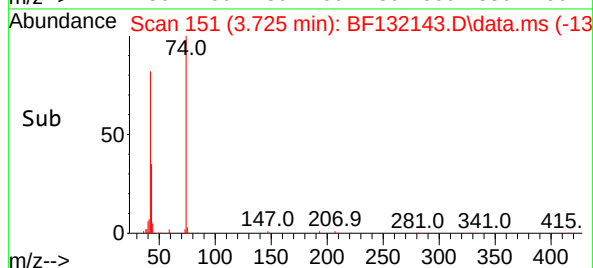
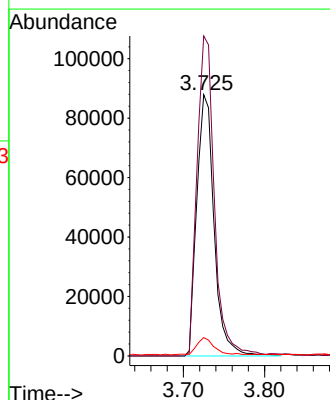
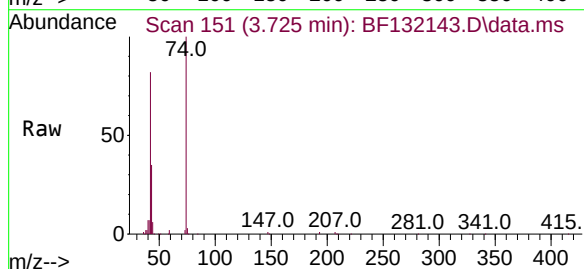
Delta R.T. -0.012 min

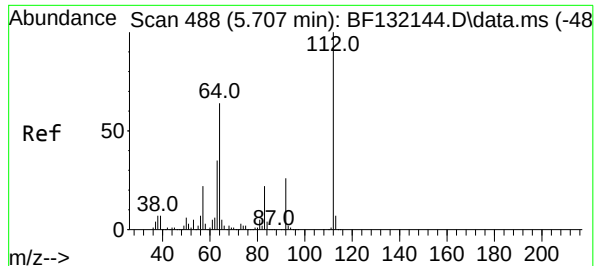
Lab File: BF132143.D

Acq: 19 Jan 2023 12:59

Tgt Ion: 42 Resp: 130228

Ion	Ratio	Lower	Upper
42	100		
74	122.5	98.1	147.1
44	7.0	5.2	7.8

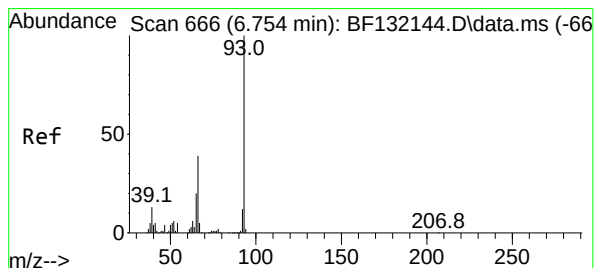
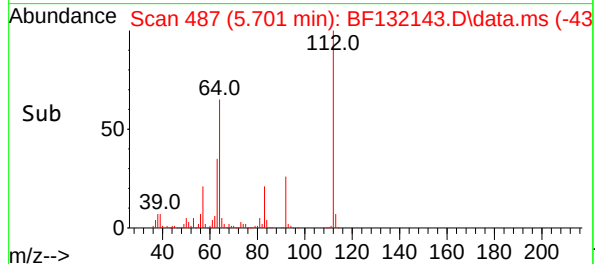
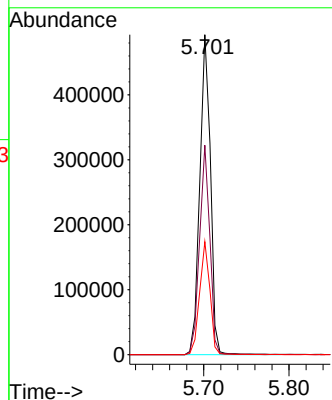
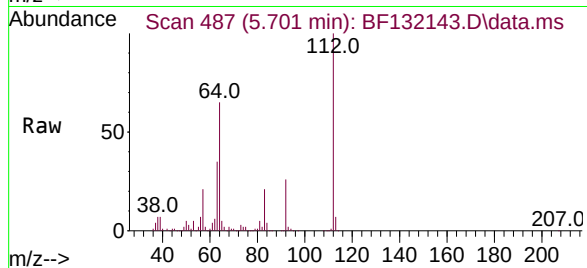




#5
2-Fluorophenol
Concen: 42.048 ng
RT: 5.701 min Scan# 488
Delta R.T. -0.006 min
Lab File: BF132143.D
Acq: 19 Jan 2023 12:59

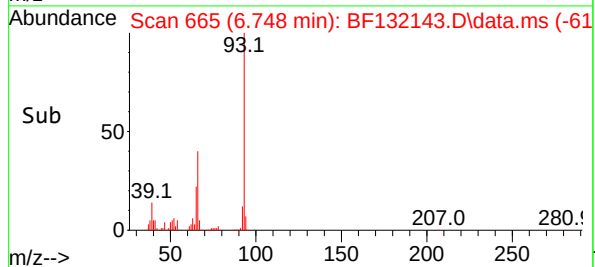
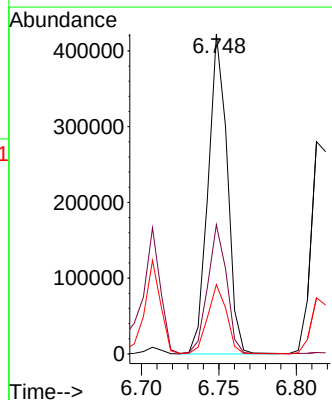
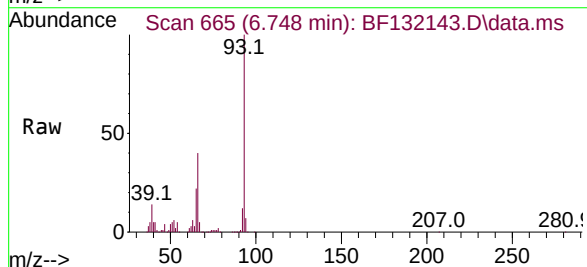
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

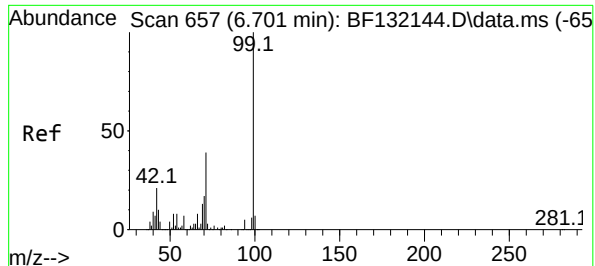
Tgt Ion:112 Resp: 427429
Ion Ratio Lower Upper
112 100
64 65.4 51.4 77.0
63 35.3 28.2 42.2



#6
Aniline
Concen: 20.399 ng
RT: 6.748 min Scan# 665
Delta R.T. -0.006 min
Lab File: BF132143.D
Acq: 19 Jan 2023 12:59

Tgt Ion: 93 Resp: 362992
Ion Ratio Lower Upper
93 100
66 40.4 33.0 49.6
65 21.6 16.8 25.2

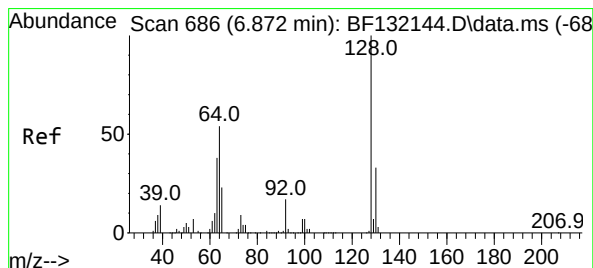
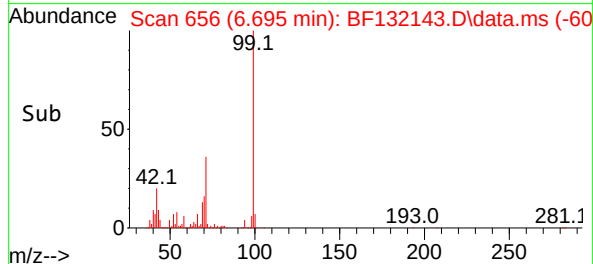
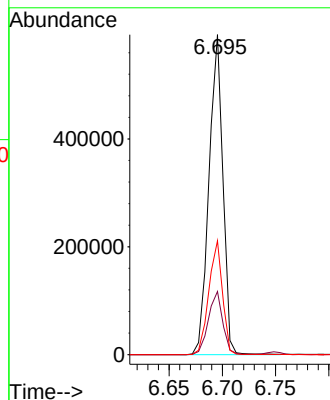
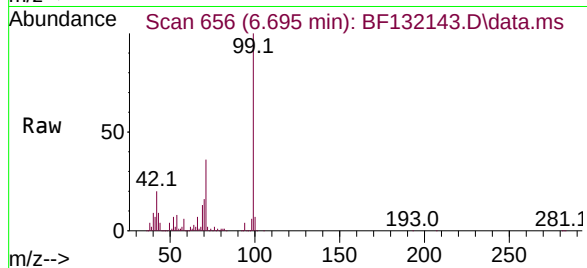




#7
Phenol-d6
Concen: 42.071 ng
RT: 6.695 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132143.D
Acq: 19 Jan 2023 12:59

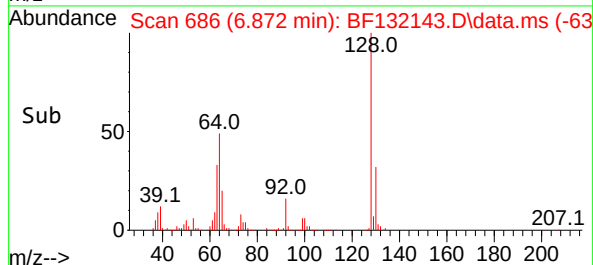
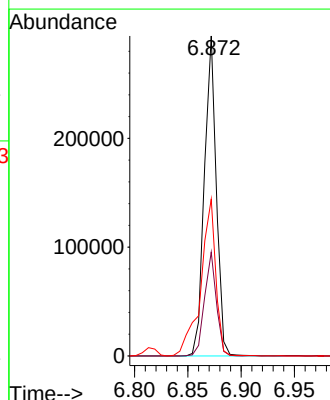
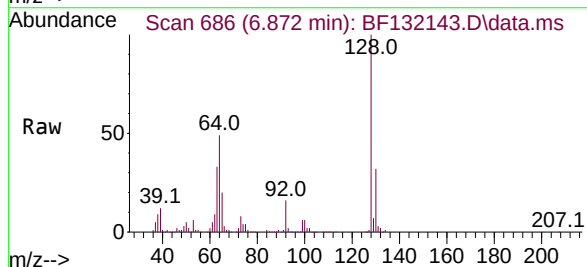
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

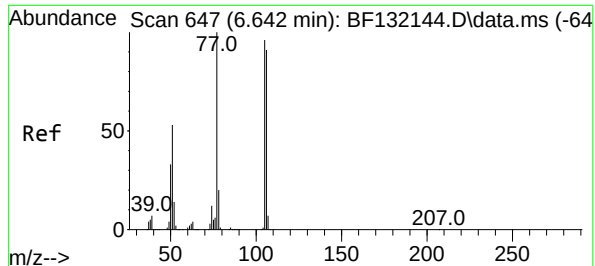
Tgt Ion: 99 Resp: 538343
Ion Ratio Lower Upper
99 100
42 19.7 16.6 24.8
71 35.6 30.8 46.2



#8
2-Chlorophenol
Concen: 21.365 ng
RT: 6.872 min Scan# 686
Delta R.T. -0.000 min
Lab File: BF132143.D
Acq: 19 Jan 2023 12:59

Tgt Ion: 128 Resp: 228290
Ion Ratio Lower Upper
128 100
130 32.4 12.8 52.8
64 49.0 34.8 74.8





#9

Benzaldehyde

Concen: 22.035 ng

RT: 6.642 min Scan# 647

Delta R.T. 0.000 min

Lab File: BF132143.D

Acq: 19 Jan 2023 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

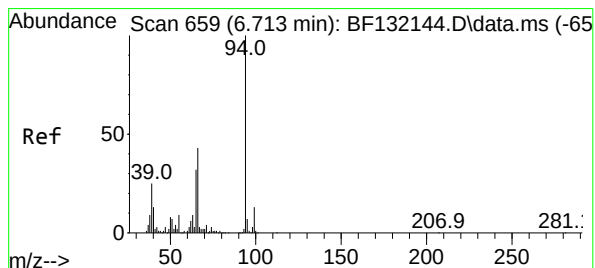
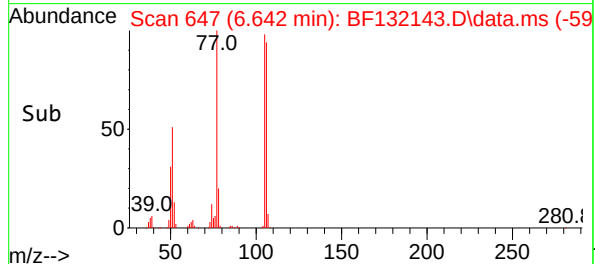
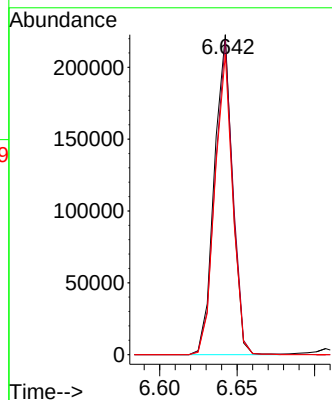
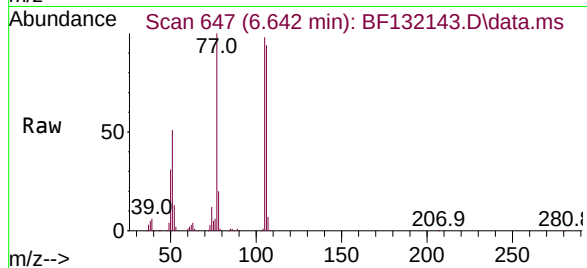
Tgt Ion: 77 Resp: 181394

Ion Ratio Lower Upper

77 100

105 98.2 75.5 115.5

106 93.8 70.7 110.7



#10

Phenol

Concen: 21.059 ng

RT: 6.707 min Scan# 658

Delta R.T. -0.006 min

Lab File: BF132143.D

Acq: 19 Jan 2023 12:59

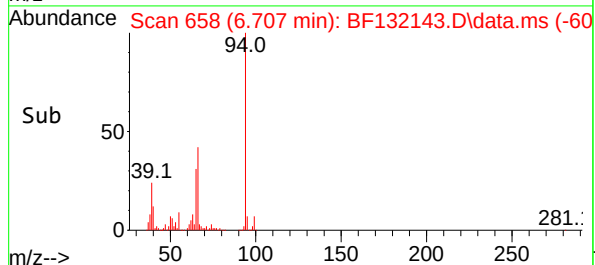
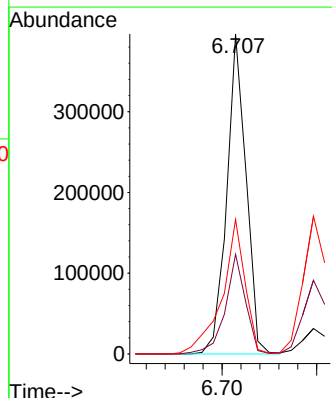
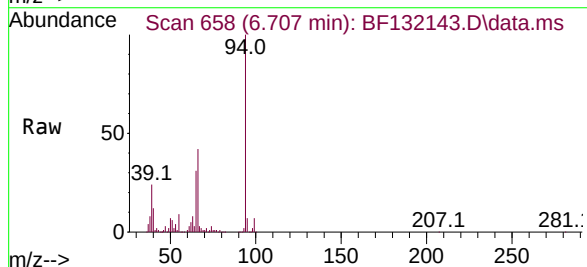
Tgt Ion: 94 Resp: 280535

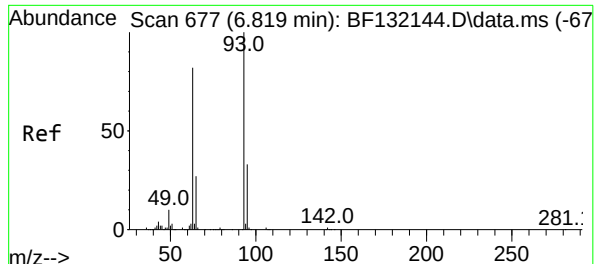
Ion Ratio Lower Upper

94 100

65 31.1 12.0 52.0

66 42.0 22.7 62.7





#11

bis(2-Chloroethyl)ether

Concen: 20.856 ng

RT: 6.813 min Scan# 61

Delta R.T. -0.006 min

Lab File: BF132143.D

Acq: 19 Jan 2023 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

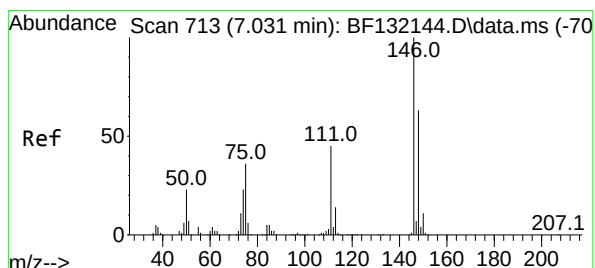
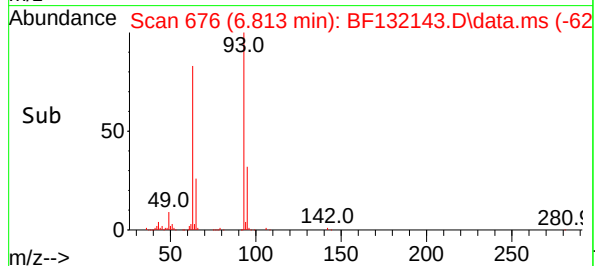
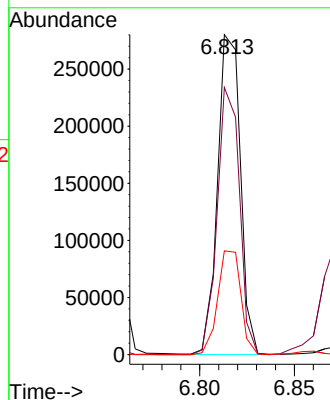
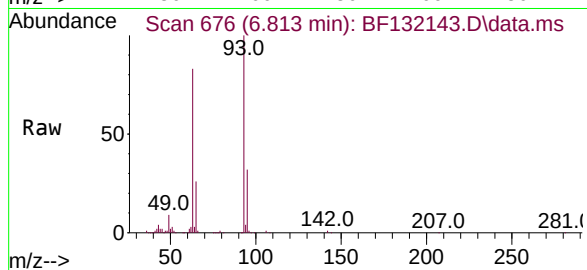
Tgt Ion: 93 Resp: 235199

Ion Ratio Lower Upper

93 100

63 83.5 61.6 101.6

95 32.4 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 20.910 ng

RT: 7.031 min Scan# 713

Delta R.T. -0.000 min

Lab File: BF132143.D

Acq: 19 Jan 2023 12:59

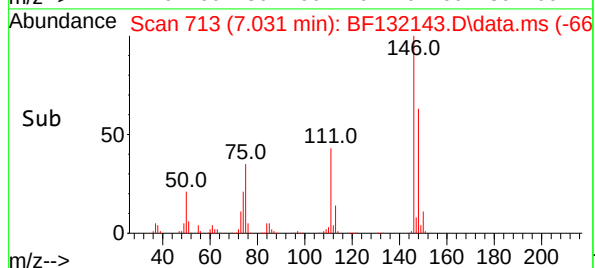
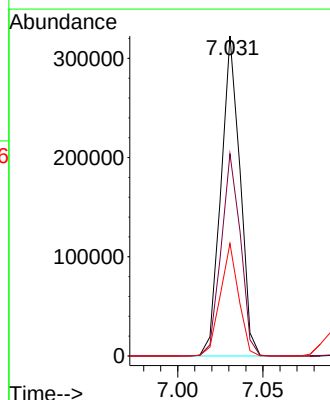
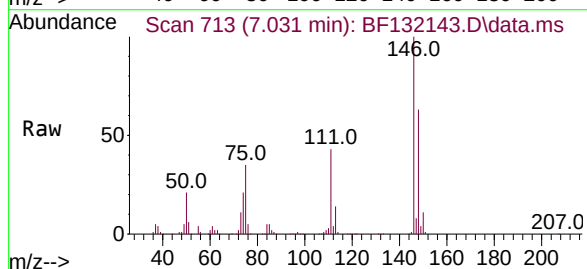
Tgt Ion: 146 Resp: 249749

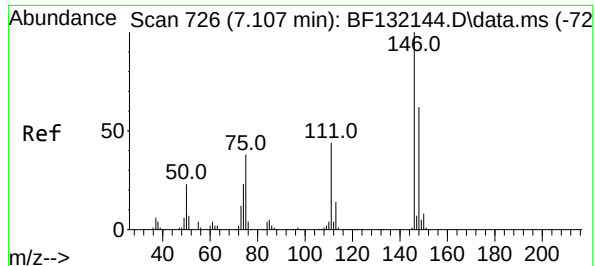
Ion Ratio Lower Upper

146 100

148 63.2 50.0 75.0

75 35.1 28.8 43.2





#13

1,4-Dichlorobenzene

Concen: 21.142 ng

RT: 7.107 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF132143.D

Acq: 19 Jan 2023 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

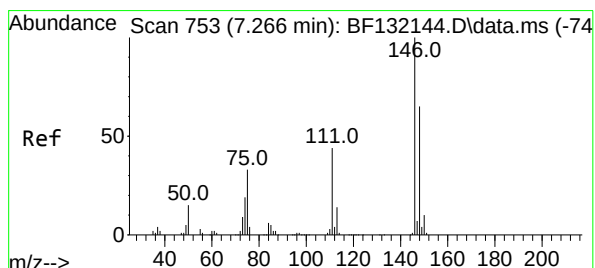
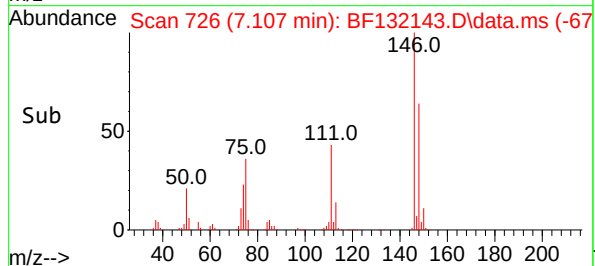
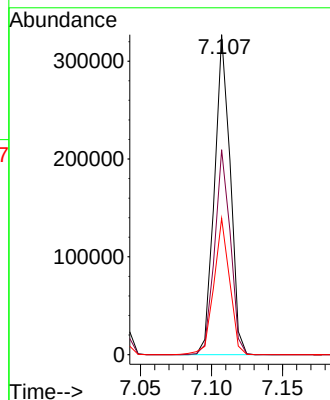
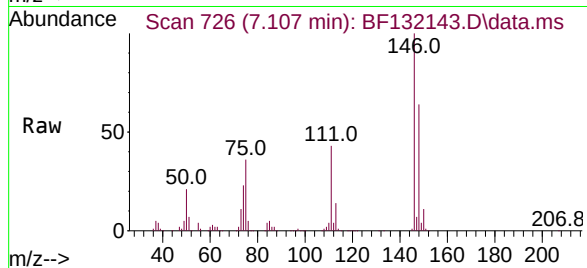
Tgt Ion:146 Resp: 251976

Ion Ratio Lower Upper

146 100

148 64.0 49.9 74.9

111 42.6 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 21.369 ng

RT: 7.260 min Scan# 752

Delta R.T. -0.006 min

Lab File: BF132143.D

Acq: 19 Jan 2023 12:59

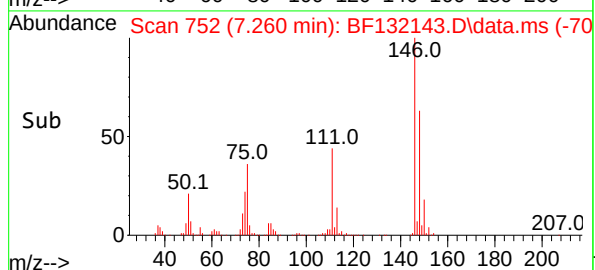
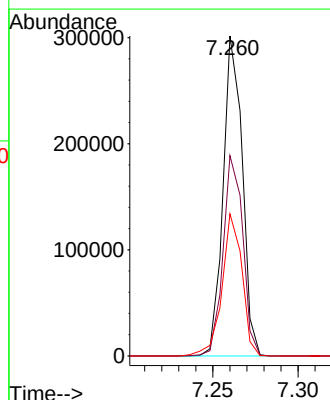
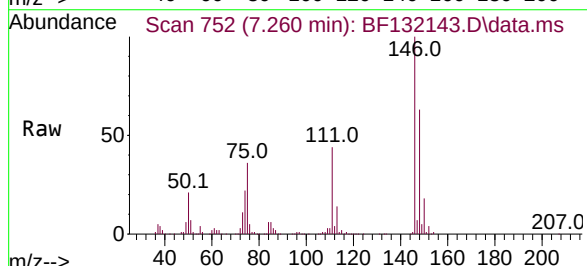
Tgt Ion:146 Resp: 235491

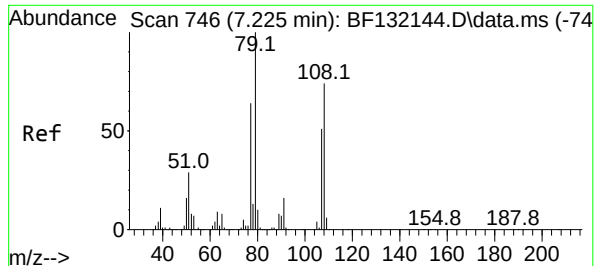
Ion Ratio Lower Upper

146 100

148 62.6 52.0 78.0

111 44.4 35.4 53.2





#15

Benzyl Alcohol

Concen: 20.142 ng

RT: 7.219 min Scan# 746

Delta R.T. -0.006 min

Lab File: BF132143.D

Acq: 19 Jan 2023 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

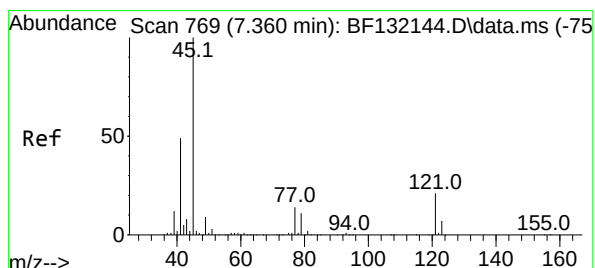
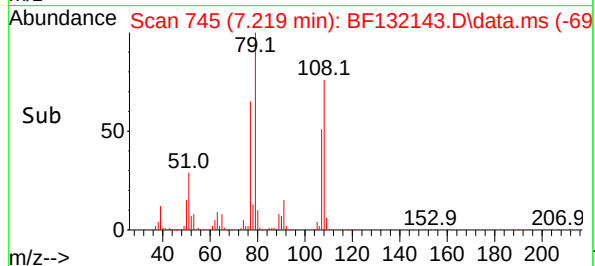
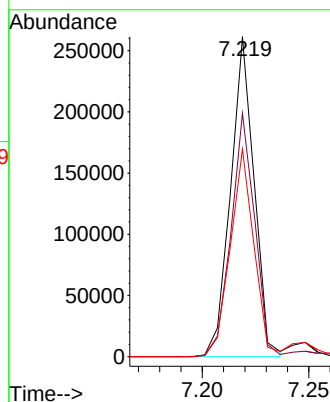
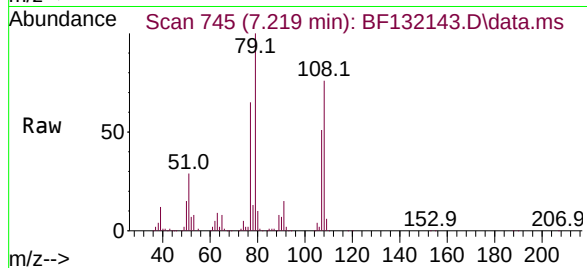
Tgt Ion: 79 Resp: 199836

Ion Ratio Lower Upper

79 100

108 76.1 58.9 88.3

77 64.8 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.985 ng

RT: 7.360 min Scan# 769

Delta R.T. -0.000 min

Lab File: BF132143.D

Acq: 19 Jan 2023 12:59

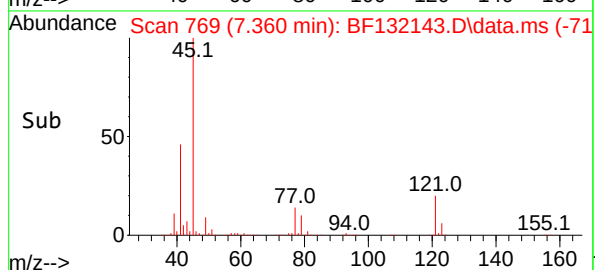
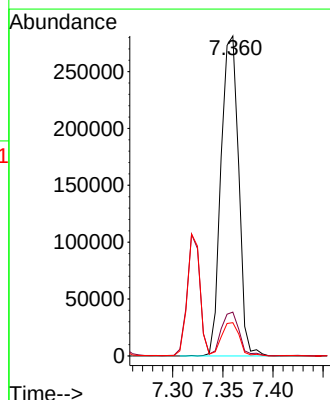
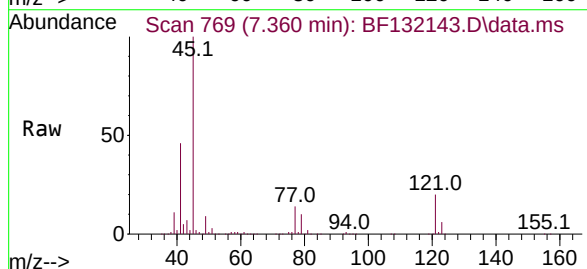
Tgt Ion: 45 Resp: 343951

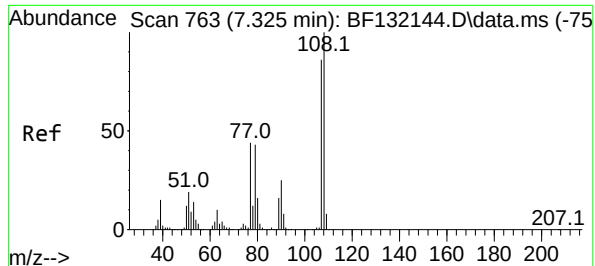
Ion Ratio Lower Upper

45 100

77 13.7 0.0 34.3

79 10.4 0.0 30.9

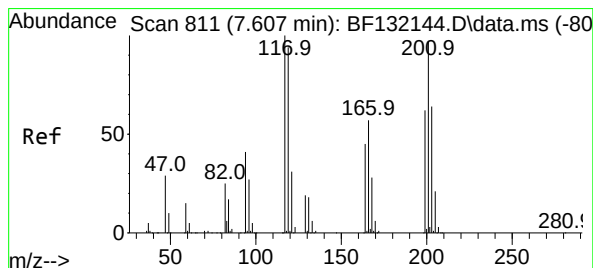
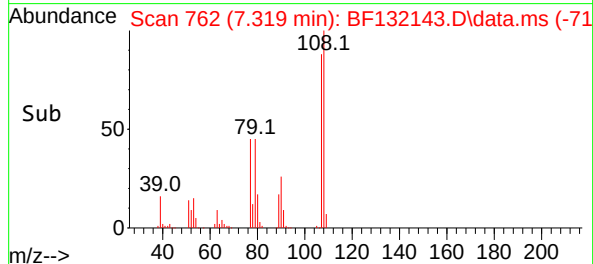
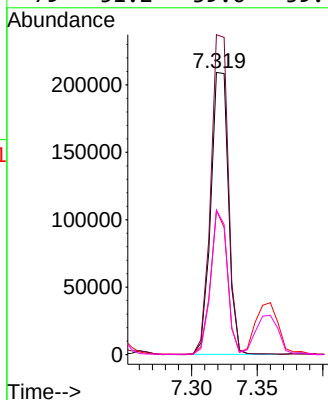
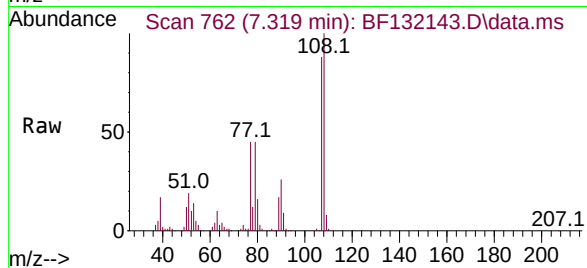




#17
2-Methylphenol
Concen: 20.937 ng
RT: 7.319 min Scan# 762
Delta R.T. -0.006 min
Lab File: BF132143.D
Acq: 19 Jan 2023 12:59

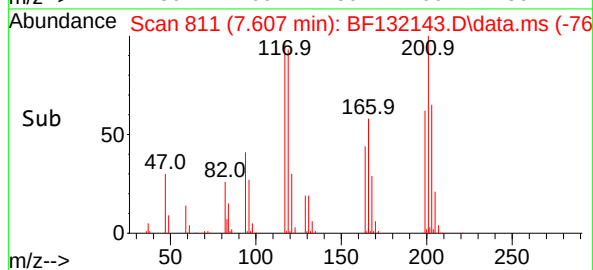
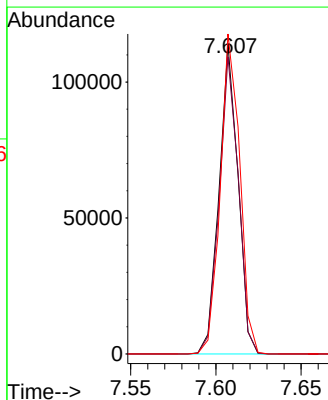
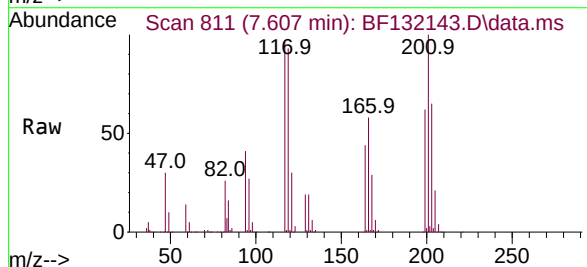
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

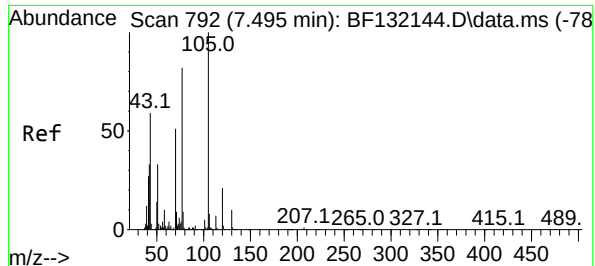
Tgt Ion:	107	Resp:	195986
Ion	Ratio	Lower	Upper
107	100		
108	113.4	92.8	139.2
77	51.1	41.1	61.7
79	51.2	39.6	59.4



#18
Hexachloroethane
Concen: 20.537 ng
RT: 7.607 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF132143.D
Acq: 19 Jan 2023 12:59

Tgt Ion:	117	Resp:	87861
Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.4	113.0
201	103.2	77.9	116.9





#19

n-Nitroso-di-n-propylamine

Concen: 20.870 ng

RT: 7.489 min Scan# 791

Delta R.T. -0.006 min

Lab File: BF132143.D

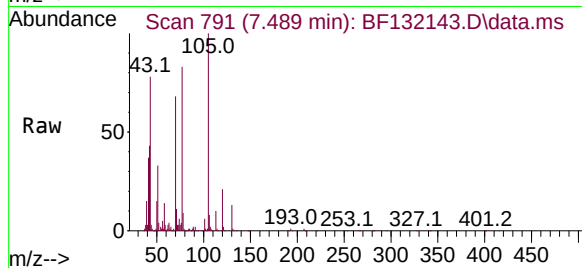
Acq: 19 Jan 2023 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion: 70 Resp: 163582

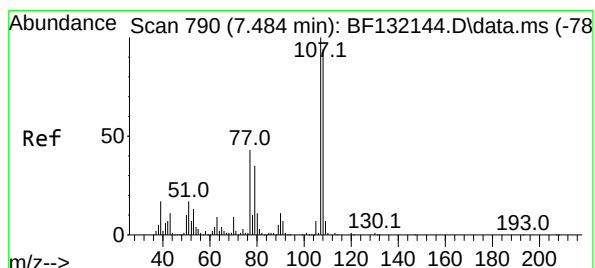
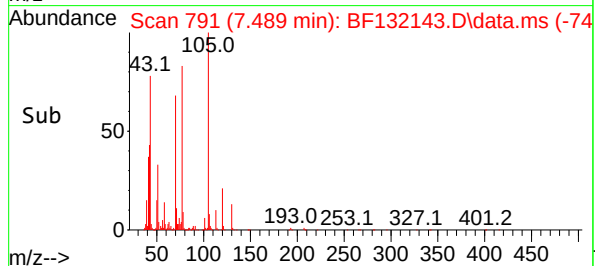
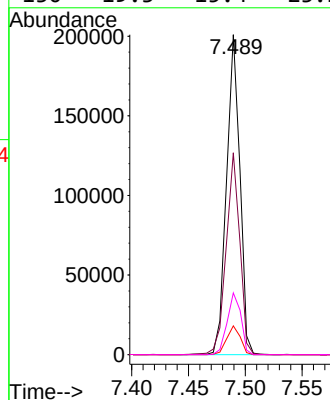
Ion Ratio Lower Upper

70 100

42 63.1 51.0 76.4

101 9.0 7.3 10.9

130 19.3 15.4 23.2



#20

3+4-Methylphenols

Concen: 21.467 ng

RT: 7.472 min Scan# 788

Delta R.T. -0.012 min

Lab File: BF132143.D

Acq: 19 Jan 2023 12:59

Tgt Ion: 107 Resp: 253207

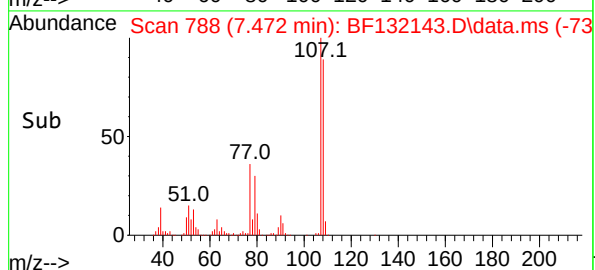
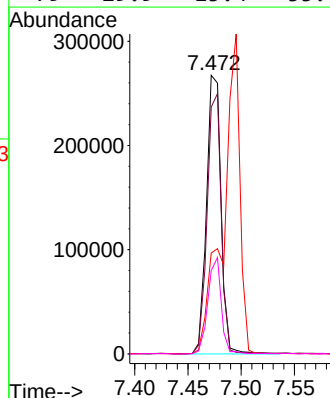
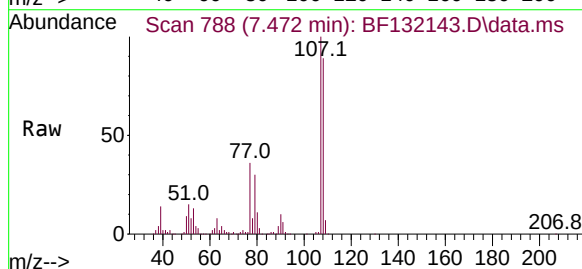
Ion Ratio Lower Upper

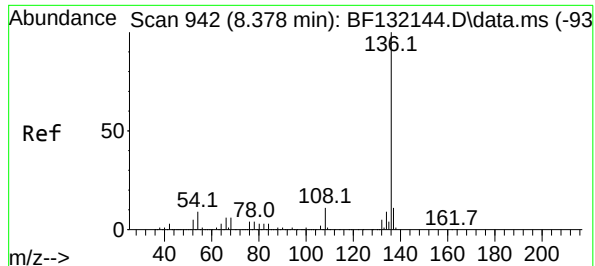
107 100

108 88.6 73.8 113.8

77 36.2 22.8 62.8

79 29.9 15.4 55.4

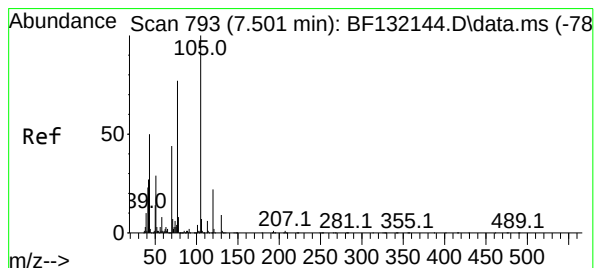
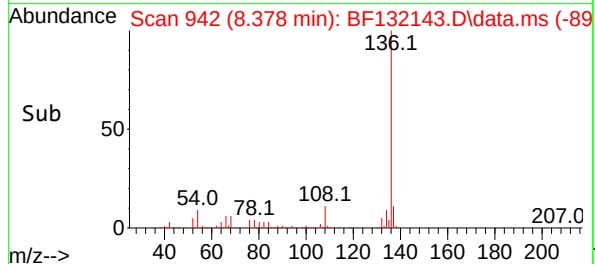
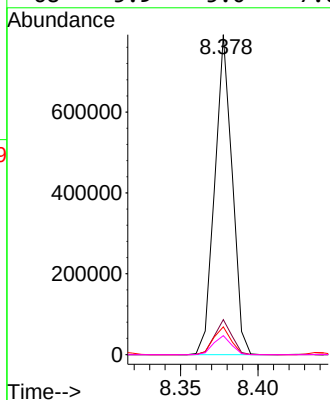
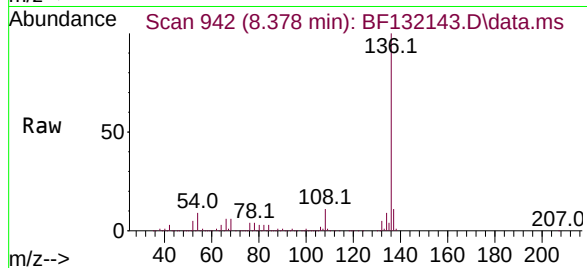




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.378 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF132143.D
Acq: 19 Jan 2023 12:59

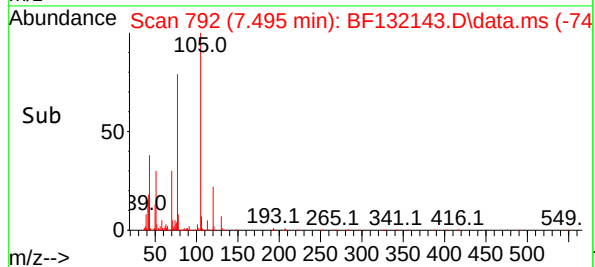
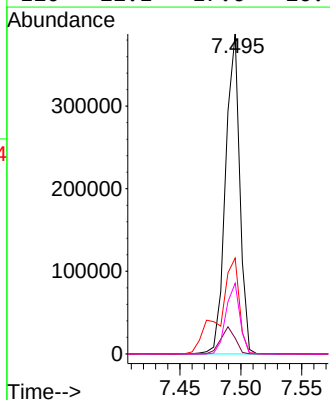
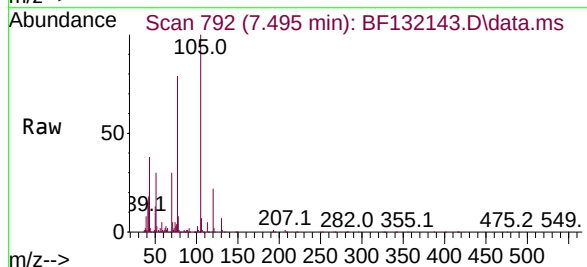
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

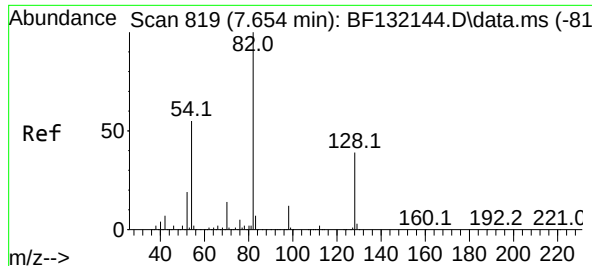
Tgt Ion:136 Resp: 620425
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.7 7.0 10.6
68 5.9 5.0 7.6



#22
Acetophenone
Concen: 20.984 ng
RT: 7.495 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF132143.D
Acq: 19 Jan 2023 12:59

Tgt Ion:105 Resp: 312922
Ion Ratio Lower Upper
105 100
71 4.9 5.8 8.6#
51 29.9 23.0 34.6
120 22.1 17.6 26.4





#23

Nitrobenzene-d5

Concen: 40.692 ng

RT: 7.648 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF132143.D

Acq: 19 Jan 2023 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

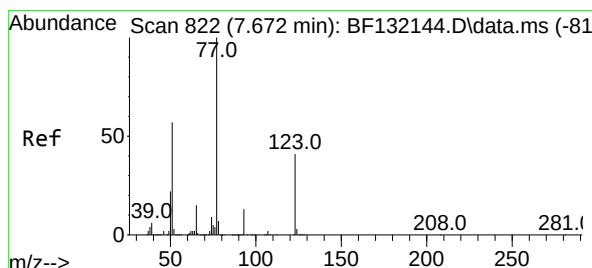
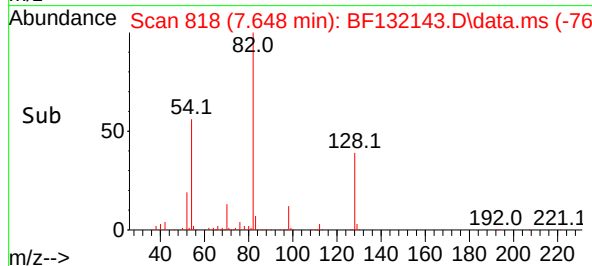
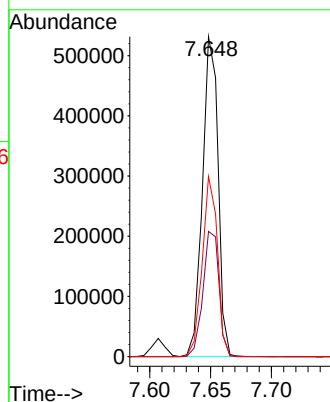
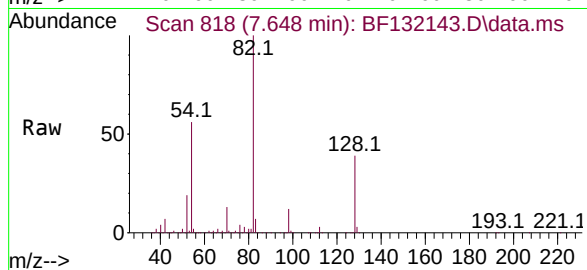
Tgt Ion: 82 Resp: 475248

Ion Ratio Lower Upper

82 100

128 39.1 31.1 46.7

54 56.3 43.9 65.9



#24

Nitrobenzene

Concen: 20.584 ng

RT: 7.672 min Scan# 822

Delta R.T. -0.000 min

Lab File: BF132143.D

Acq: 19 Jan 2023 12:59

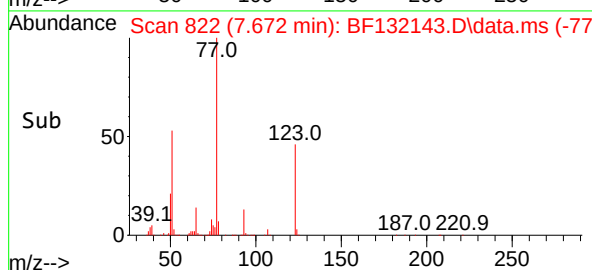
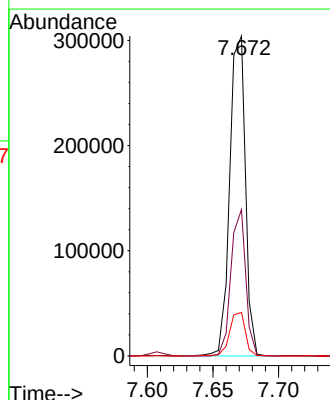
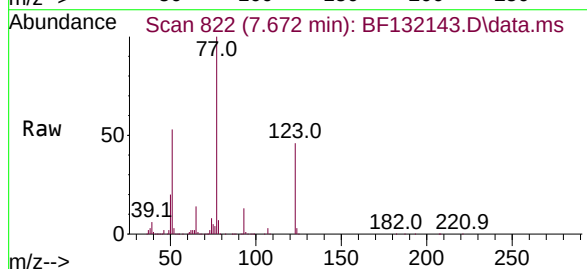
Tgt Ion: 77 Resp: 254536

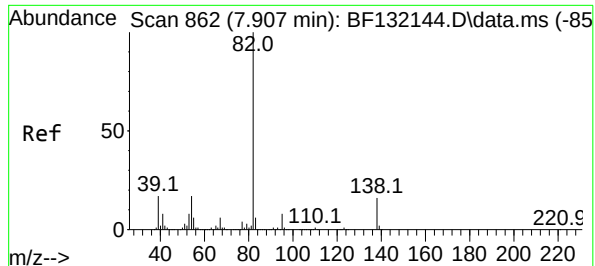
Ion Ratio Lower Upper

77 100

123 45.7 33.1 49.7

65 13.6 11.7 17.5





#25

Isophorone

Concen: 20.032 ng

RT: 7.907 min Scan# 862

Delta R.T. -0.000 min

Lab File: BF132143.D

Acq: 19 Jan 2023 12:59

Instrument :

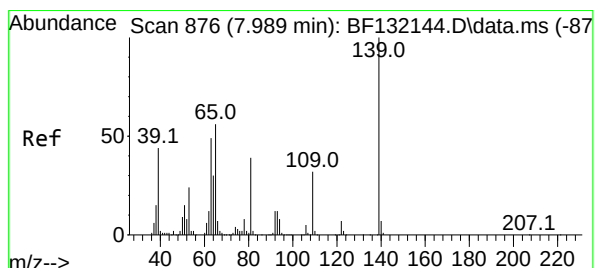
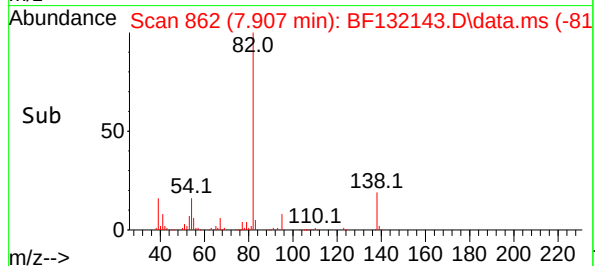
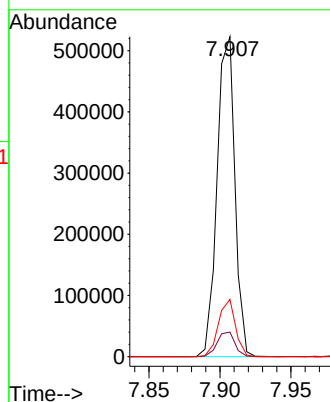
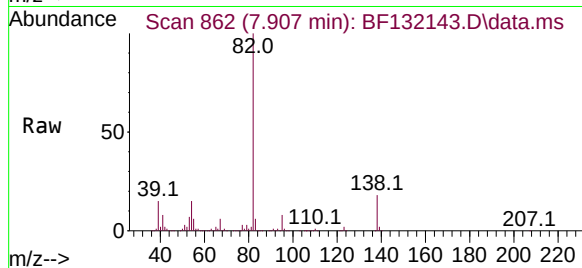
BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 457753

Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.2	9.2
138	17.9	12.9	19.3



#26

2-Nitrophenol

Concen: 18.478 ng

RT: 7.989 min Scan# 876

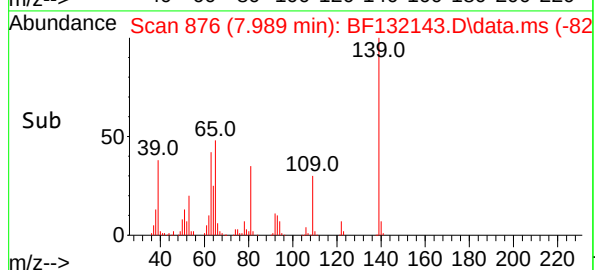
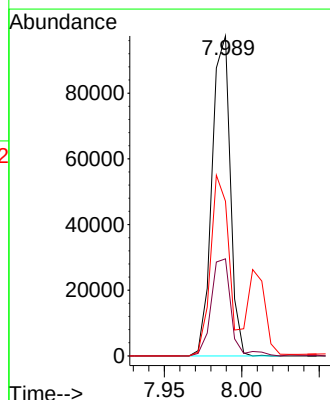
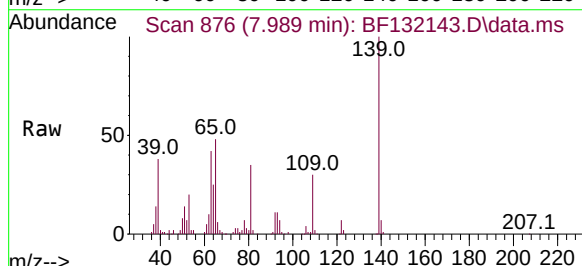
Delta R.T. 0.000 min

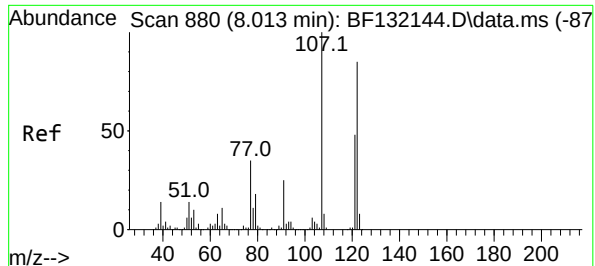
Lab File: BF132143.D

Acq: 19 Jan 2023 12:59

Tgt Ion: 139 Resp: 79652

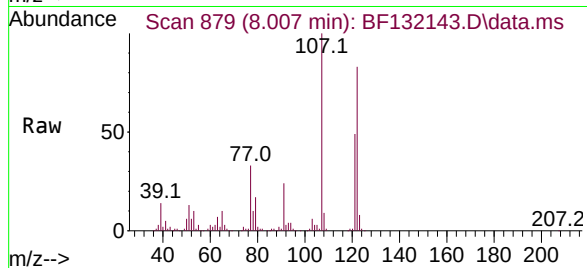
Ion	Ratio	Lower	Upper
139	100		
109	30.3	25.8	38.8
65	48.3	44.6	66.8



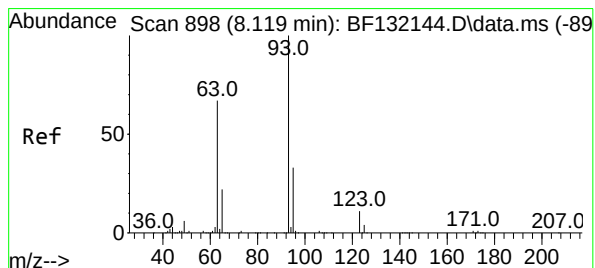
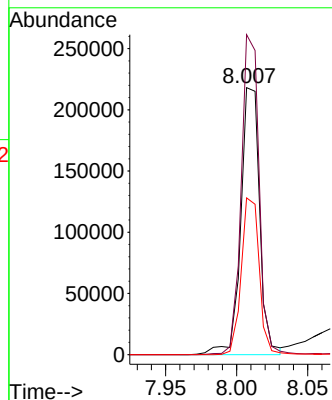
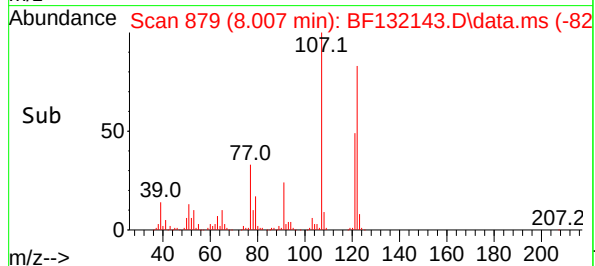


#27
2,4-Dimethylphenol
Concen: 20.319 ng
RT: 8.007 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132143.D
Acq: 19 Jan 2023 12:59

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

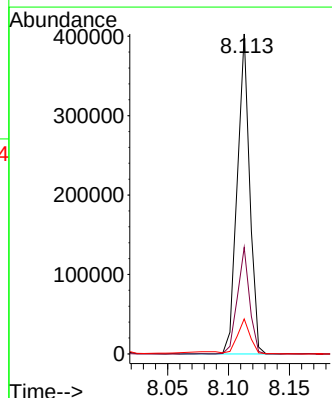
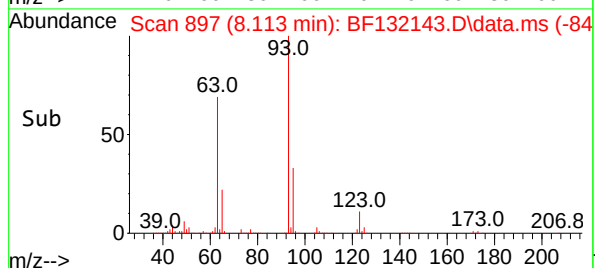
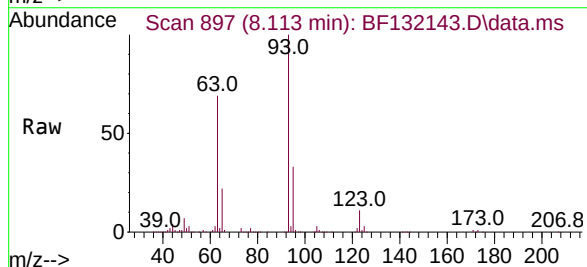


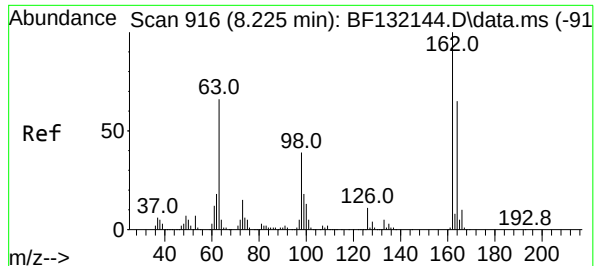
Tgt Ion:122 Resp: 200911
Ion Ratio Lower Upper
122 100
107 119.9 94.2 141.4
121 58.7 45.6 68.4



#28
bis(2-Chloroethoxy)methane
Concen: 20.878 ng
RT: 8.113 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF132143.D
Acq: 19 Jan 2023 12:59

Tgt Ion: 93 Resp: 286250
Ion Ratio Lower Upper
93 100
95 33.3 26.2 39.2
123 10.9 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 20.662 ng

RT: 8.225 min Scan# 916

Delta R.T. -0.000 min

Lab File: BF132143.D

Acq: 19 Jan 2023 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

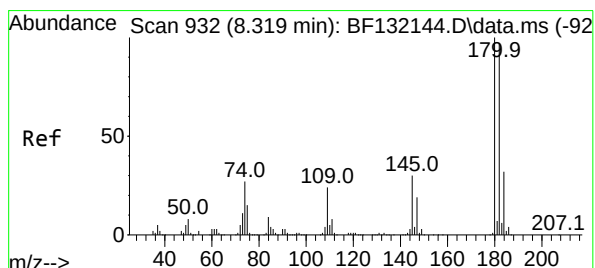
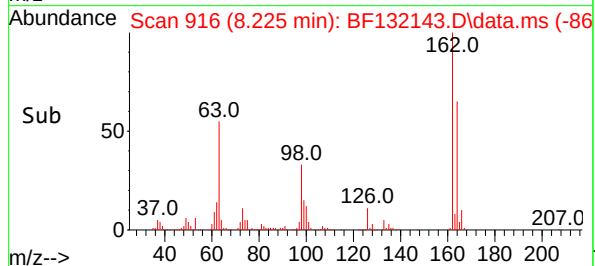
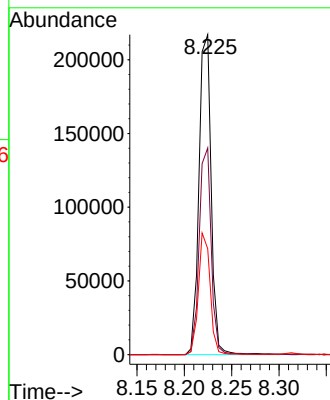
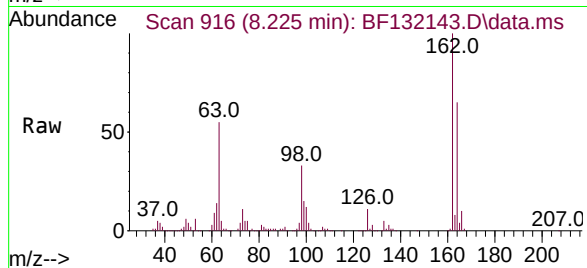
Tgt Ion:162 Resp: 193959

Ion Ratio Lower Upper

162 100

164 64.6 44.7 84.7

98 33.1 18.8 58.8



#30

1,2,4-Trichlorobenzene

Concen: 20.649 ng

RT: 8.313 min Scan# 931

Delta R.T. -0.006 min

Lab File: BF132143.D

Acq: 19 Jan 2023 12:59

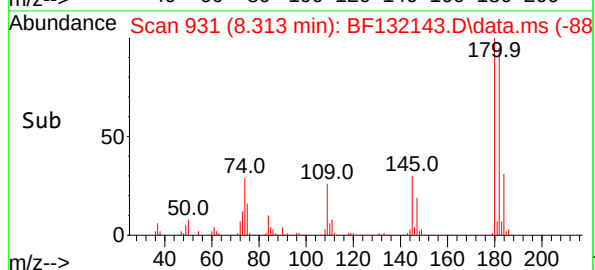
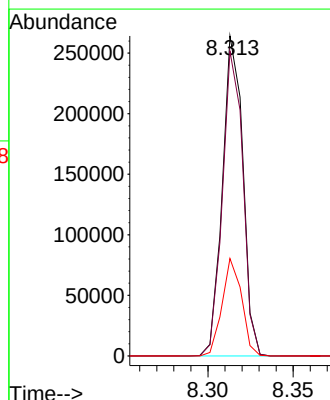
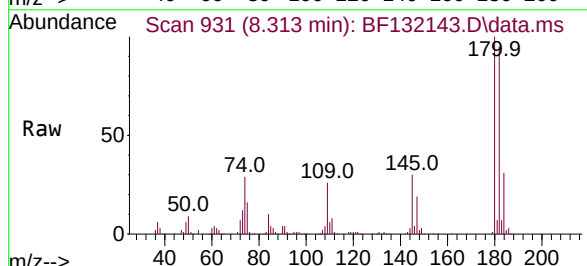
Tgt Ion:180 Resp: 220172

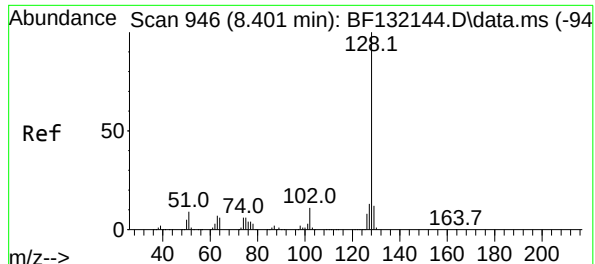
Ion Ratio Lower Upper

180 100

182 95.2 77.4 116.0

145 30.4 23.8 35.6





#31

Naphthalene

Concen: 20.926 ng

RT: 8.401 min Scan# 946

Delta R.T. 0.000 min

Lab File: BF132143.D

Acq: 19 Jan 2023 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

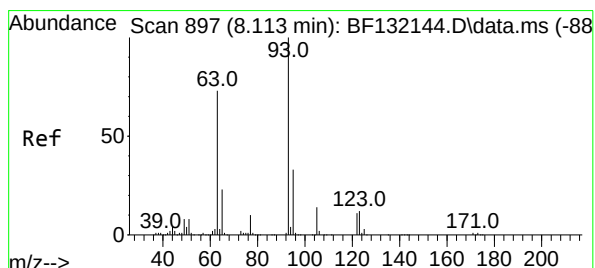
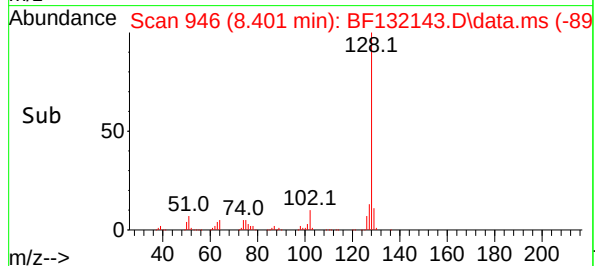
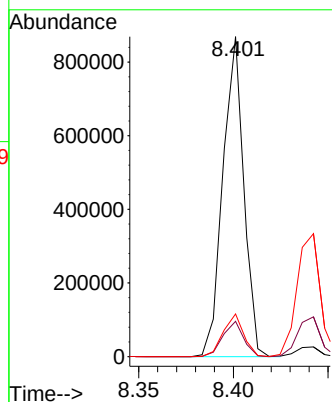
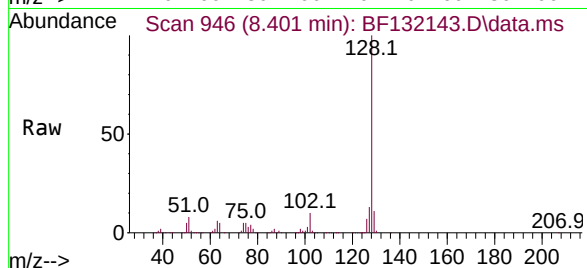
Tgt Ion:128 Resp: 666768

Ion Ratio Lower Upper

128 100

129 11.0 9.3 13.9

127 13.3 10.6 15.8



#32

Benzoic acid

Concen: 16.170 ng

RT: 8.084 min Scan# 892

Delta R.T. -0.029 min

Lab File: BF132143.D

Acq: 19 Jan 2023 12:59

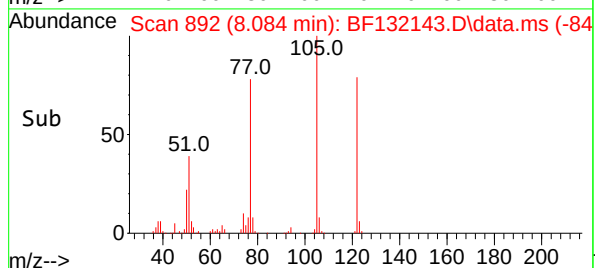
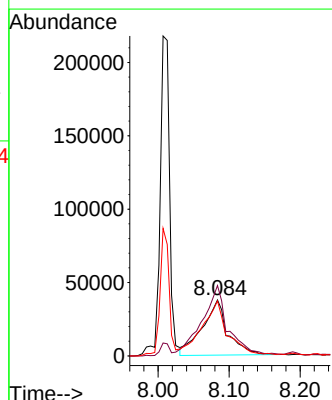
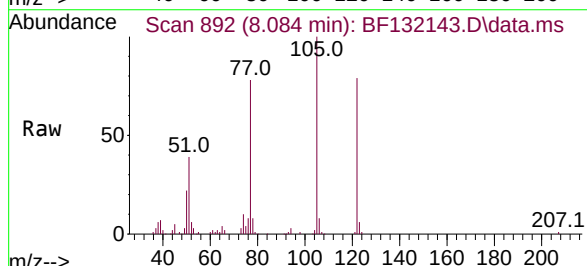
Tgt Ion:122 Resp: 93861

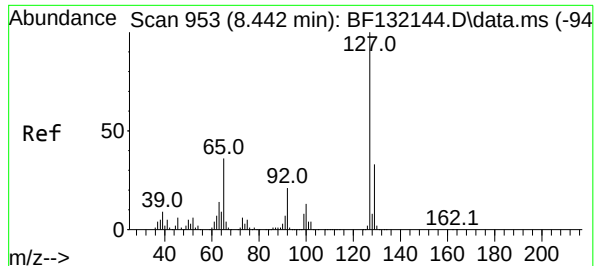
Ion Ratio Lower Upper

122 100

105 125.8 96.8 136.8

77 98.5 72.5 112.5

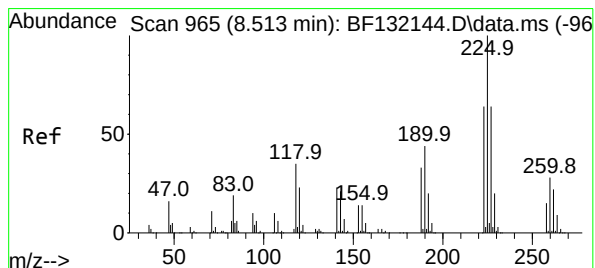
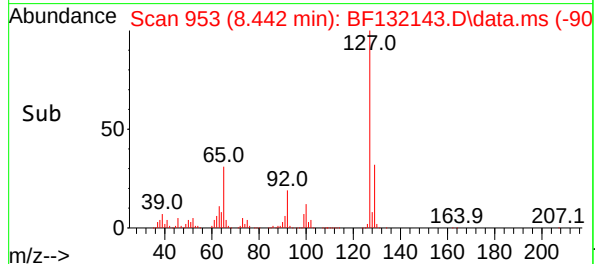
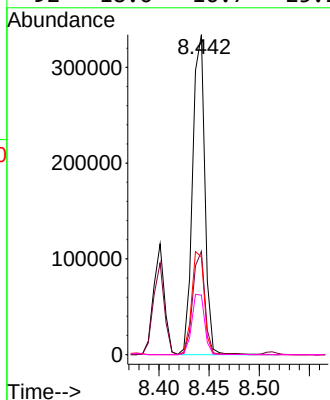
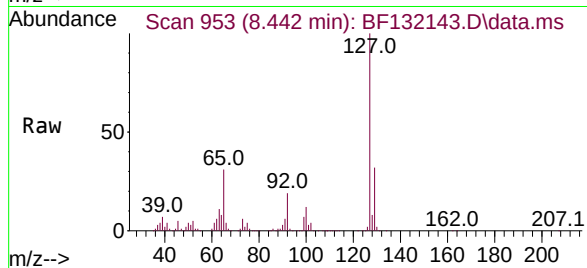




#33
4-Chloroaniline
Concen: 20.856 ng
RT: 8.442 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF132143.D
Acq: 19 Jan 2023 12:59

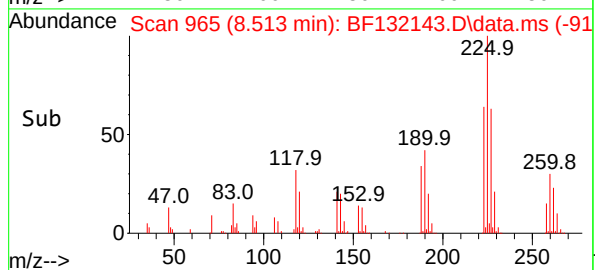
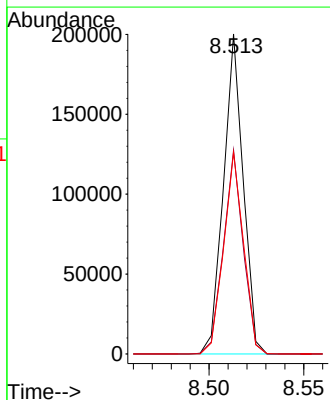
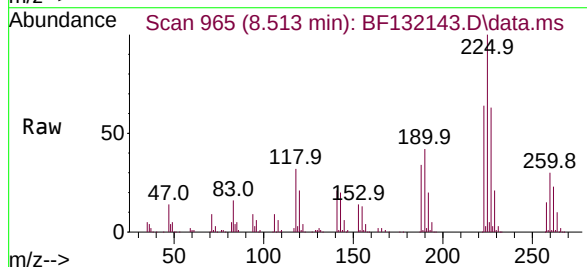
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

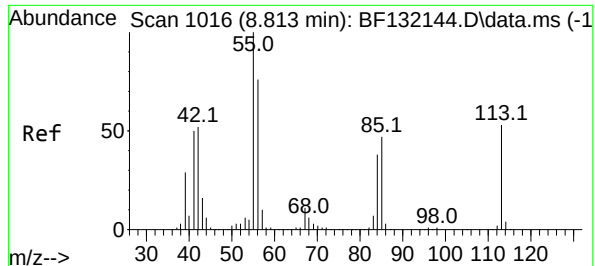
Tgt Ion:	127	Resp:	284387
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.0	39.0
65	30.5	28.4	42.6
92	18.6	16.7	25.1



#34
Hexachlorobutadiene
Concen: 20.254 ng
RT: 8.513 min Scan# 965
Delta R.T. -0.000 min
Lab File: BF132143.D
Acq: 19 Jan 2023 12:59

Tgt Ion:	225	Resp:	145075
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.9	76.3
227	63.0	50.8	76.2

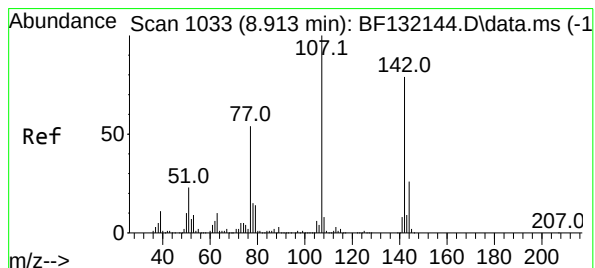
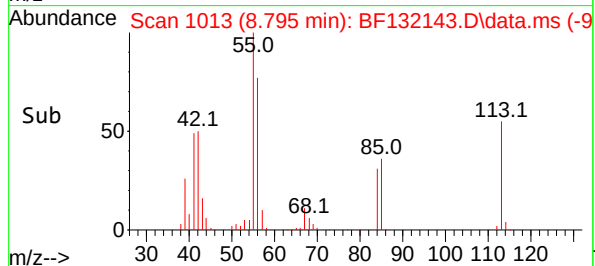
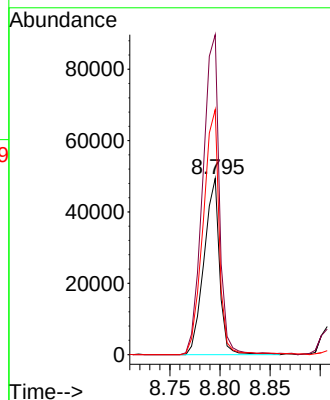
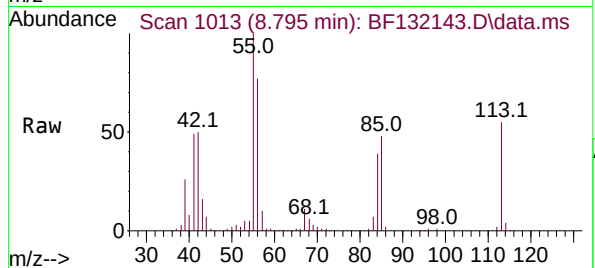




#35
Caprolactam
Concen: 20.000 ng
RT: 8.795 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF132143.D
Acq: 19 Jan 2023 12:59

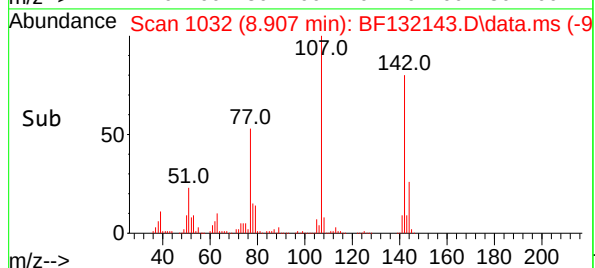
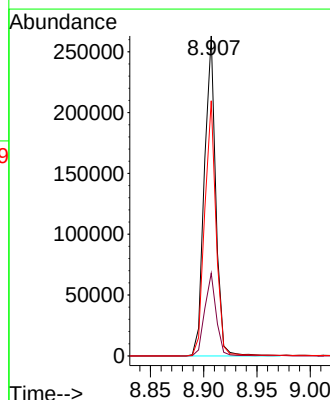
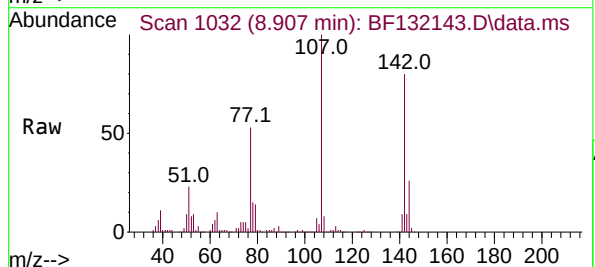
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

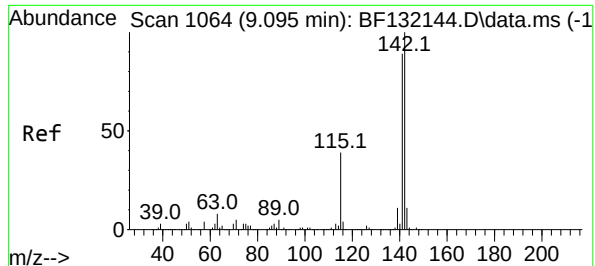
Tgt Ion:113 Resp: 53142
Ion Ratio Lower Upper
113 100
55 181.5 167.5 207.5
56 139.0 122.0 162.0



#36
4-Chloro-3-methylphenol
Concen: 20.605 ng
RT: 8.907 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF132143.D
Acq: 19 Jan 2023 12:59

Tgt Ion:107 Resp: 194651
Ion Ratio Lower Upper
107 100
144 25.8 21.0 31.4
142 79.7 63.6 95.4





#37

2-Methylnaphthalene

Concen: 20.912 ng

RT: 9.089 min Scan# 1063

Delta R.T. -0.006 min

Lab File: BF132143.D

Acq: 19 Jan 2023 12:59

Instrument :

BNA_F

ClientSampleId :

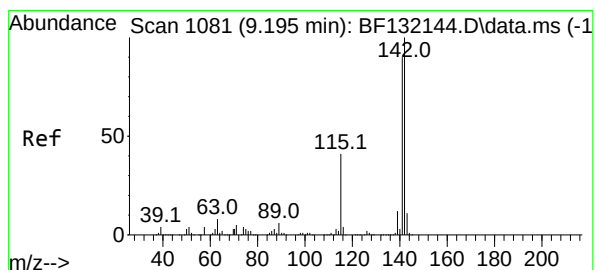
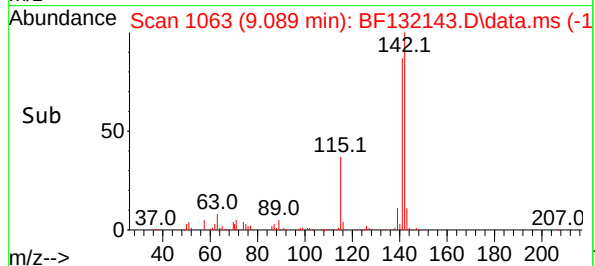
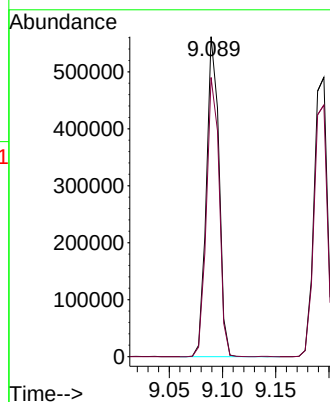
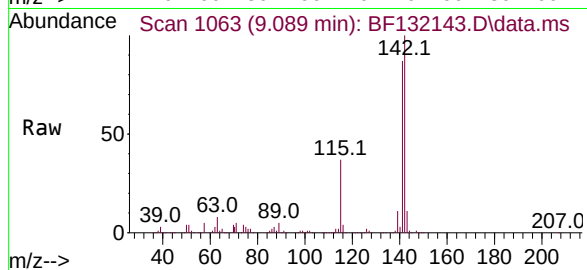
SSTDICC020

Tgt Ion:142 Resp: 458759

Ion Ratio Lower Upper

142 100

141 87.2 71.1 106.7



#38

1-Methylnaphthalene

Concen: 20.980 ng

RT: 9.195 min Scan# 1081

Delta R.T. 0.000 min

Lab File: BF132143.D

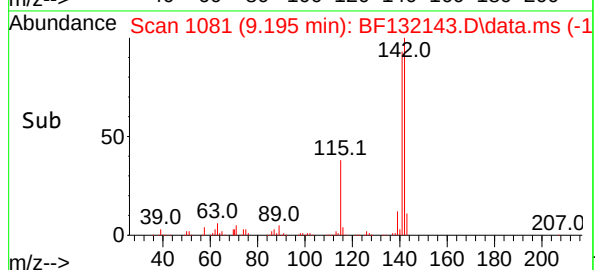
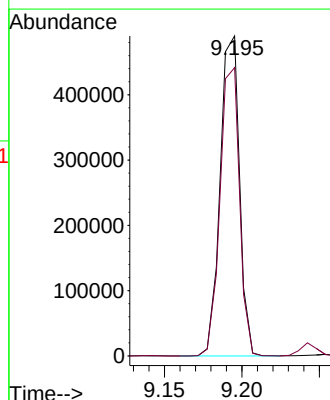
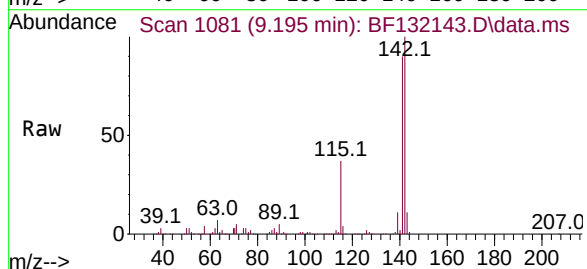
Acq: 19 Jan 2023 12:59

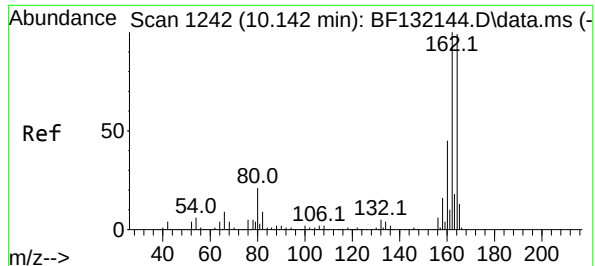
Tgt Ion:142 Resp: 428243

Ion Ratio Lower Upper

142 100

141 90.1 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.142 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132143.D

Acq: 19 Jan 2023 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

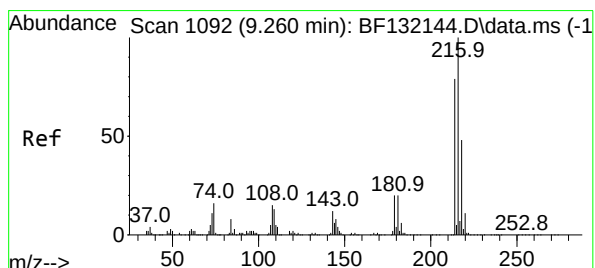
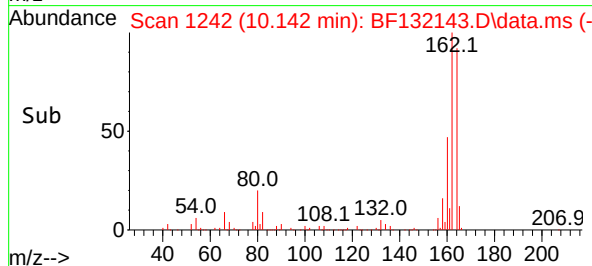
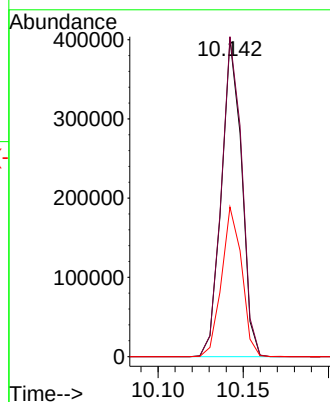
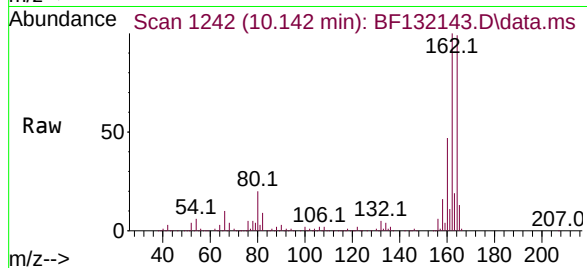
Tgt Ion:164 Resp: 328550

Ion Ratio Lower Upper

164 100

162 100.8 81.2 121.8

160 47.1 36.9 55.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 20.670 ng

RT: 9.254 min Scan# 1091

Delta R.T. -0.006 min

Lab File: BF132143.D

Acq: 19 Jan 2023 12:59

Tgt Ion:216 Resp: 236280

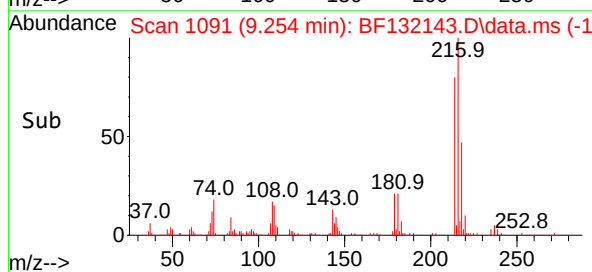
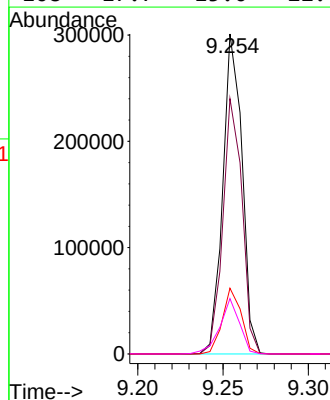
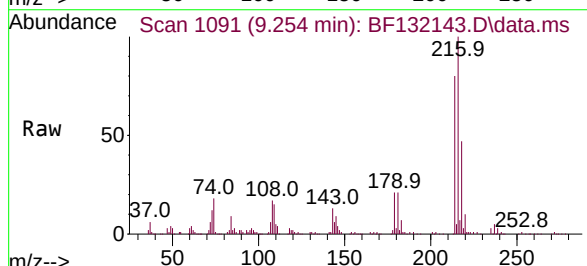
Ion Ratio Lower Upper

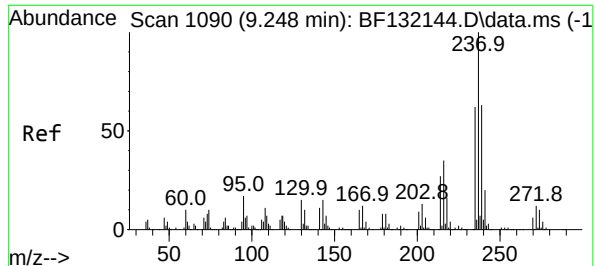
216 100

214 79.2 63.1 94.7

179 20.1 16.6 24.8

108 17.7 15.0 22.4

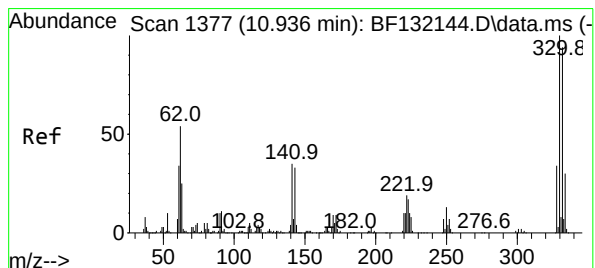
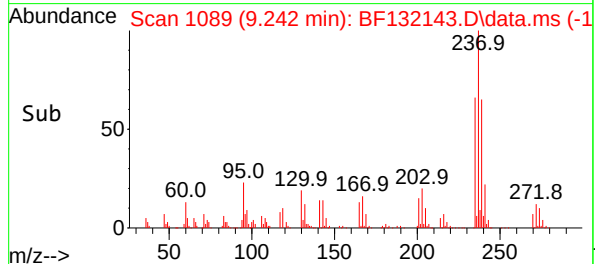
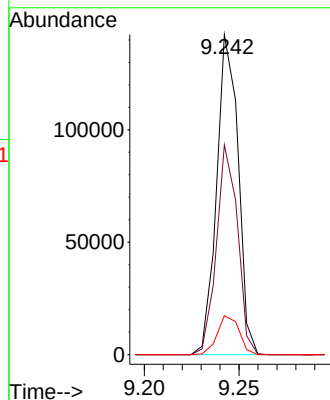
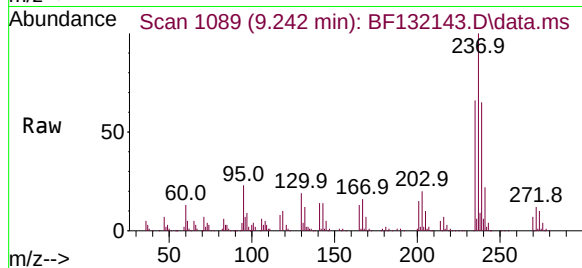




#41
Hexachlorocyclopentadiene
Concen: 18.024 ng
RT: 9.242 min Scan# 1089
Delta R.T. -0.006 min
Lab File: BF132143.D
Acq: 19 Jan 2023 12:59

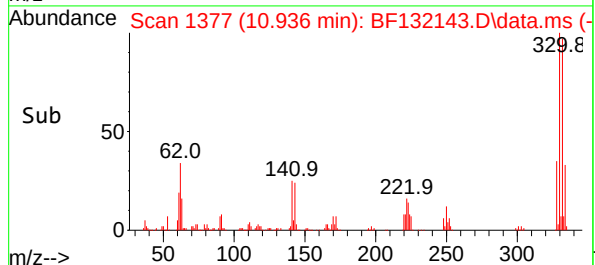
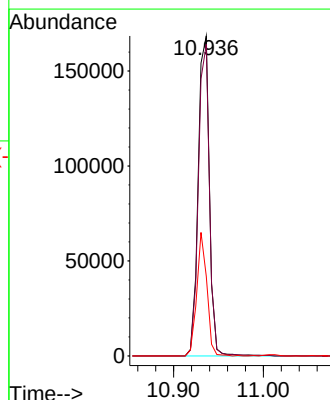
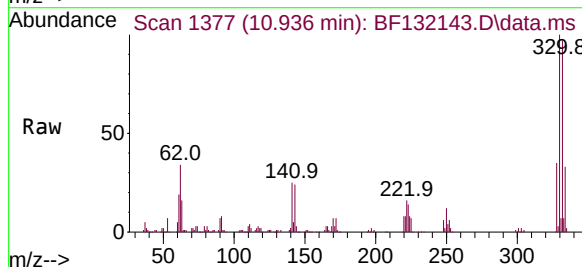
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

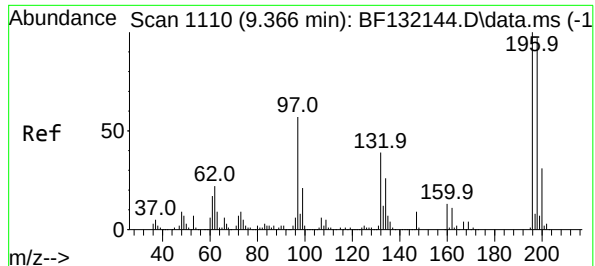
Tgt Ion: 237 Resp: 112433
Ion Ratio Lower Upper
237 100
235 65.6 41.7 81.7
272 12.1 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 41.637 ng
RT: 10.936 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF132143.D
Acq: 19 Jan 2023 12:59

Tgt Ion: 330 Resp: 146122
Ion Ratio Lower Upper
330 100
332 96.1 75.6 113.4
141 34.7 27.1 40.7





#43

2,4,6-Trichlorophenol

Concen: 20.616 ng

RT: 9.360 min Scan# 1110

Delta R.T. -0.006 min

Lab File: BF132143.D

Acq: 19 Jan 2023 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

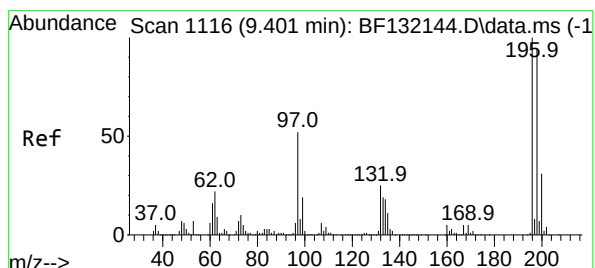
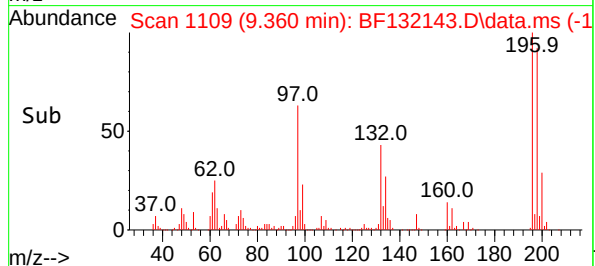
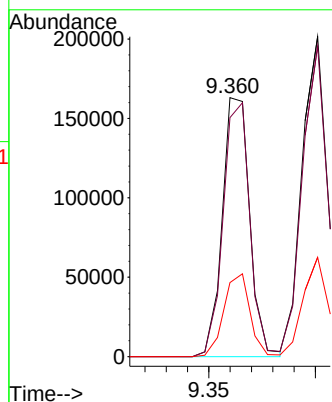
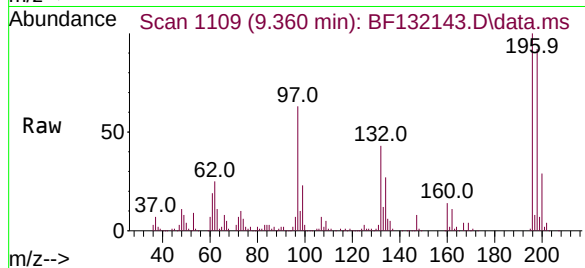
Tgt Ion:196 Resp: 146261

Ion Ratio Lower Upper

196 100

198 92.3 77.4 116.2

200 28.6 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 20.541 ng

RT: 9.401 min Scan# 1116

Delta R.T. -0.000 min

Lab File: BF132143.D

Acq: 19 Jan 2023 12:59

Tgt Ion:196 Resp: 170434

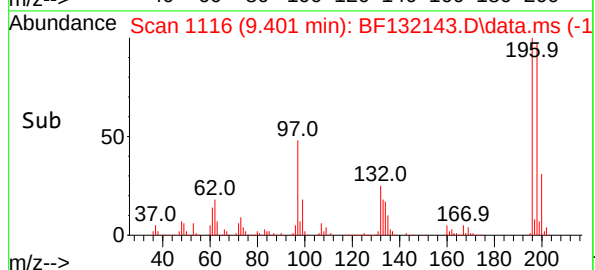
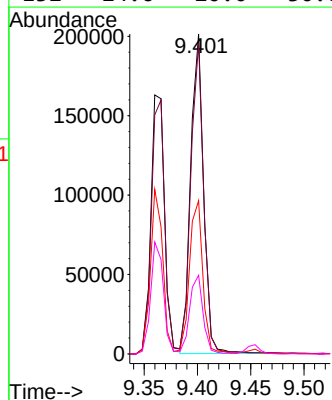
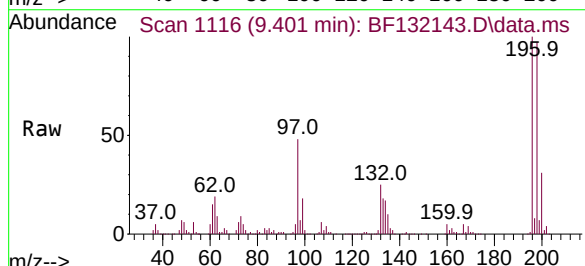
Ion Ratio Lower Upper

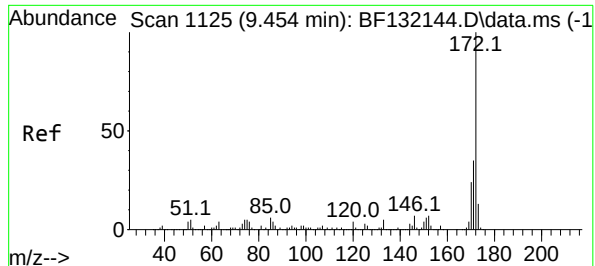
196 100

198 97.1 75.3 112.9

97 47.9 41.3 61.9

132 24.6 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 44.024 ng

RT: 9.454 min Scan# 1125

Delta R.T. 0.000 min

Lab File: BF132143.D

Acq: 19 Jan 2023 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

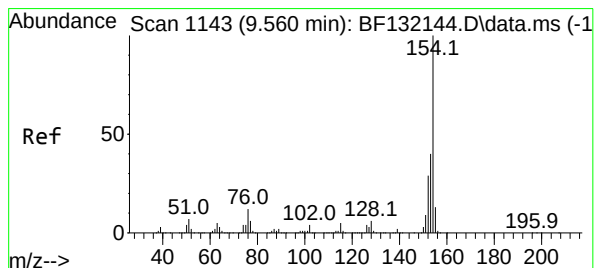
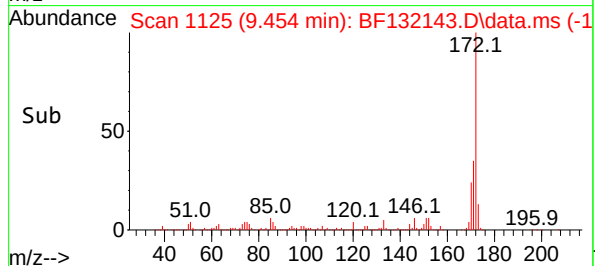
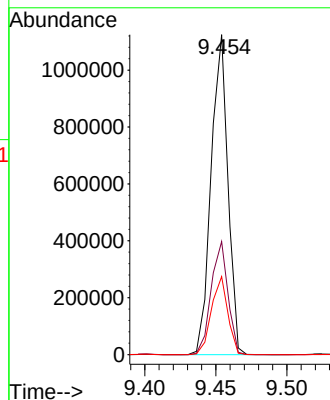
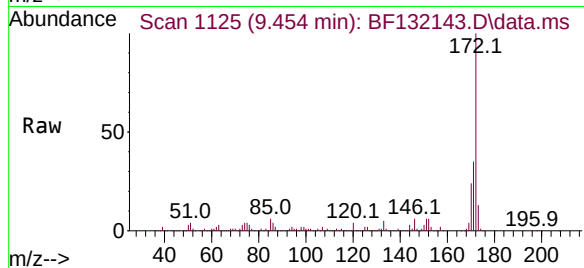
Tgt Ion:172 Resp: 924221

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 24.4 19.6 29.4



#46

1,1'-Biphenyl

Concen: 21.003 ng

RT: 9.554 min Scan# 1142

Delta R.T. -0.006 min

Lab File: BF132143.D

Acq: 19 Jan 2023 12:59

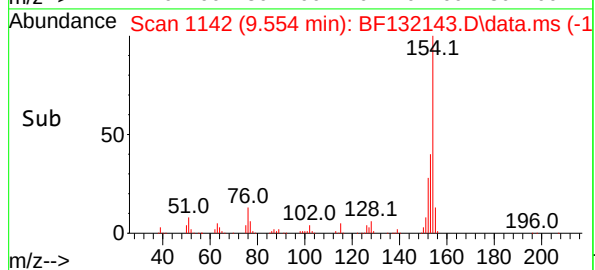
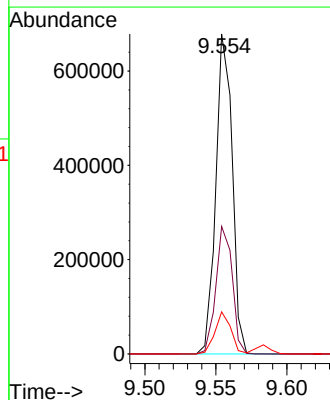
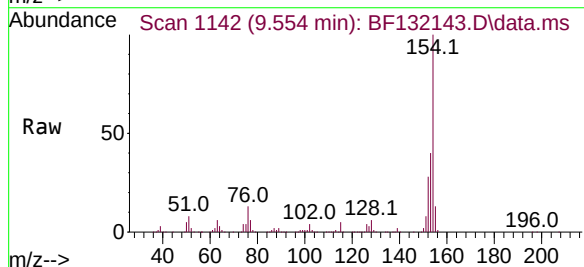
Tgt Ion:154 Resp: 544416

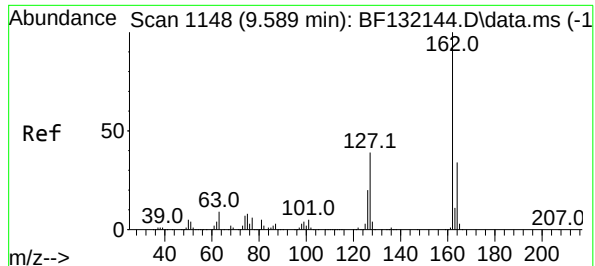
Ion Ratio Lower Upper

154 100

153 39.8 20.2 60.2

76 13.1 0.0 32.2





#47

2-Chloronaphthalene

Concen: 20.821 ng

RT: 9.583 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BF132143.D

Acq: 19 Jan 2023 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

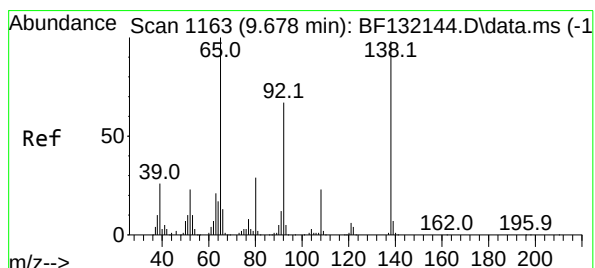
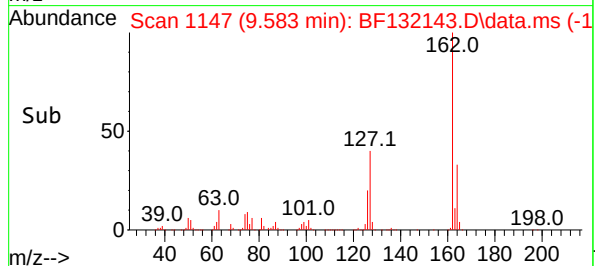
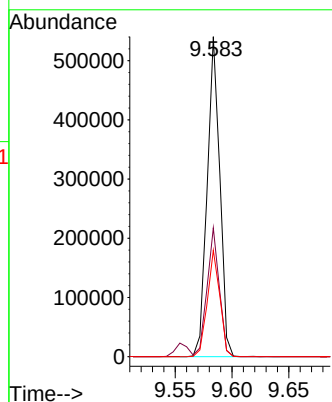
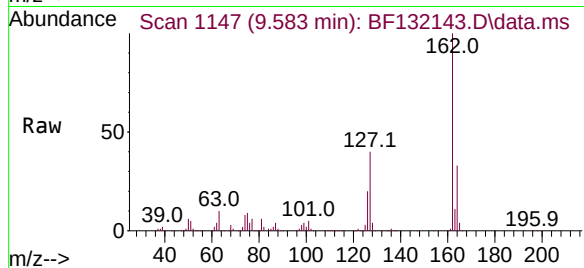
Tgt Ion:162 Resp: 417187

Ion Ratio Lower Upper

162 100

127 40.2 31.1 46.7

164 33.2 26.9 40.3



#48

2-Nitroaniline

Concen: 20.161 ng

RT: 9.672 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF132143.D

Acq: 19 Jan 2023 12:59

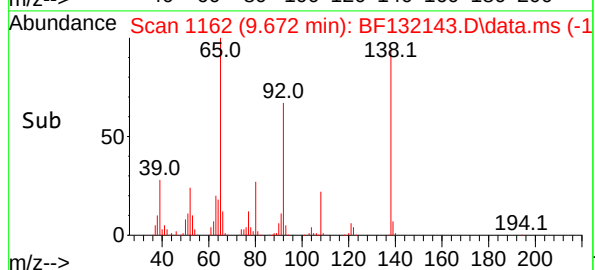
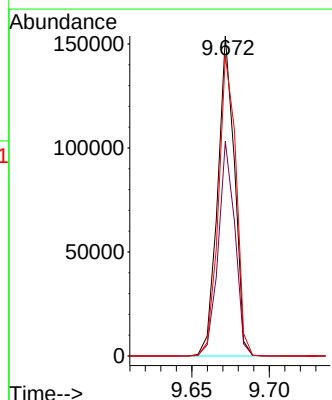
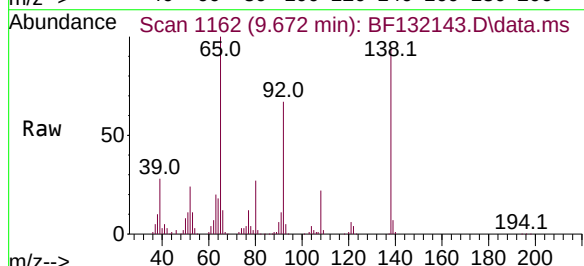
Tgt Ion: 65 Resp: 116311

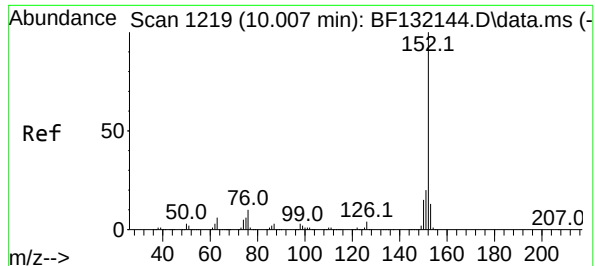
Ion Ratio Lower Upper

65 100

92 67.0 53.8 80.6

138 93.8 78.7 118.1





#49

Acenaphthylene

Concen: 20.838 ng

RT: 10.001 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF132143.D

Acq: 19 Jan 2023 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

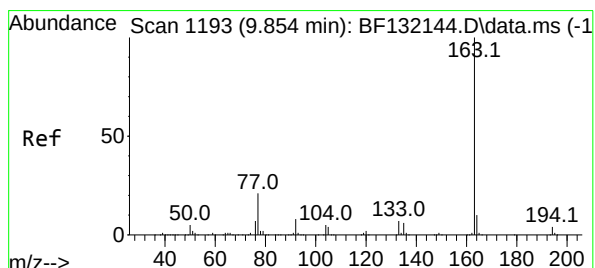
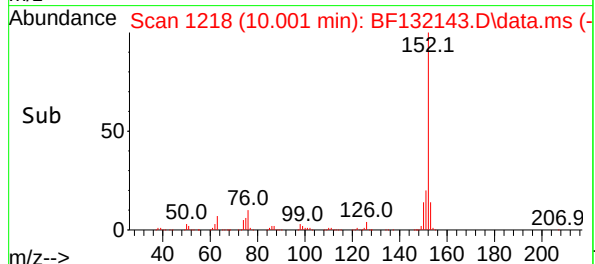
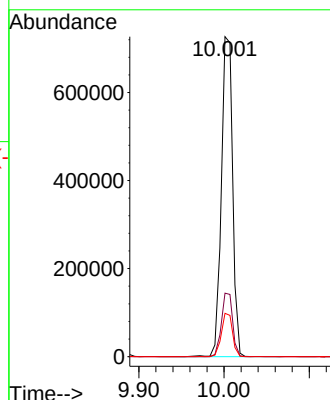
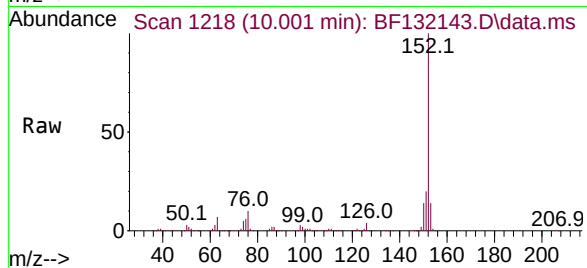
Tgt Ion:152 Resp: 667961

Ion Ratio Lower Upper

152 100

151 19.8 16.4 24.6

153 13.5 10.6 15.8



#50

Dimethylphthalate

Concen: 20.979 ng

RT: 9.848 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF132143.D

Acq: 19 Jan 2023 12:59

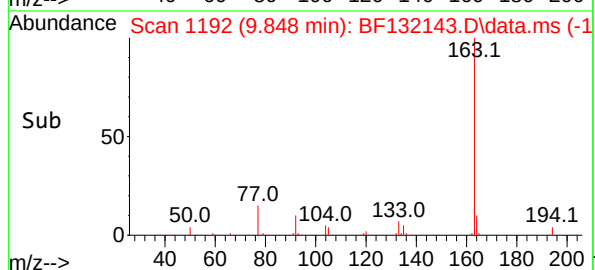
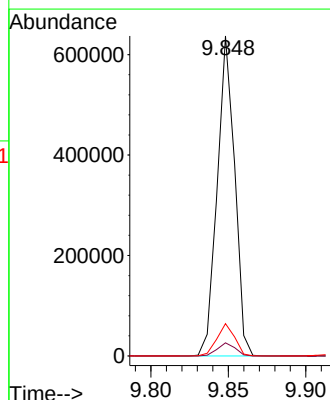
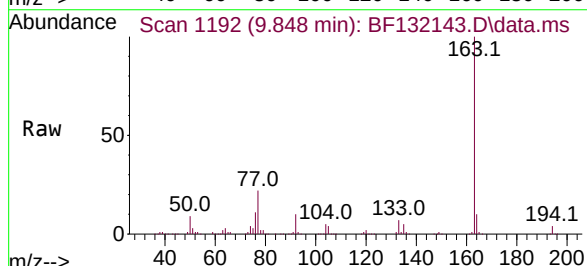
Tgt Ion:163 Resp: 499198

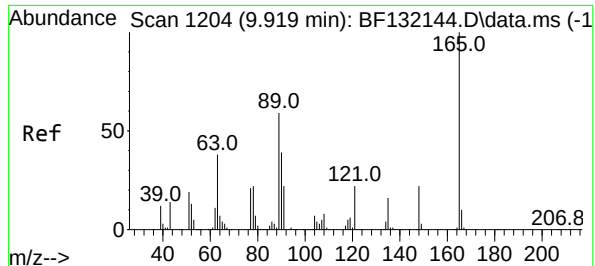
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.1 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 20.342 ng

RT: 9.913 min Scan# 1204

Delta R.T. -0.006 min

Lab File: BF132143.D

Acq: 19 Jan 2023 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

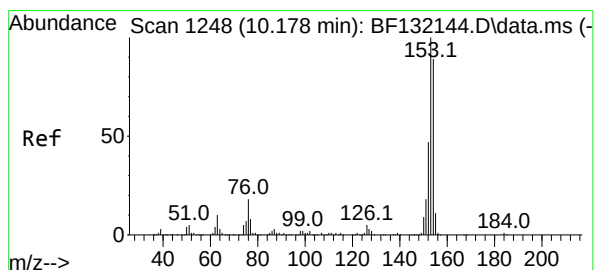
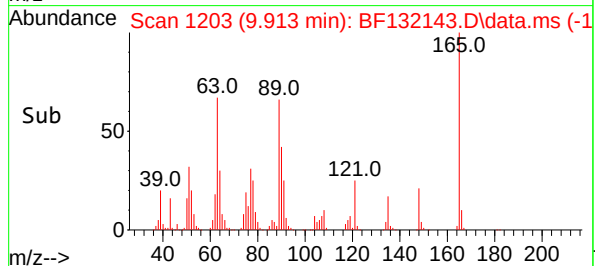
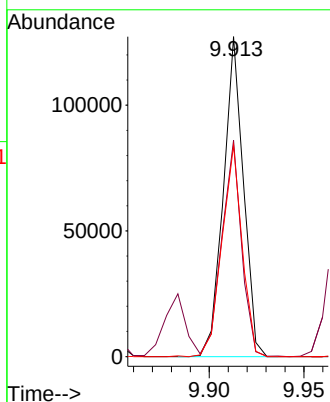
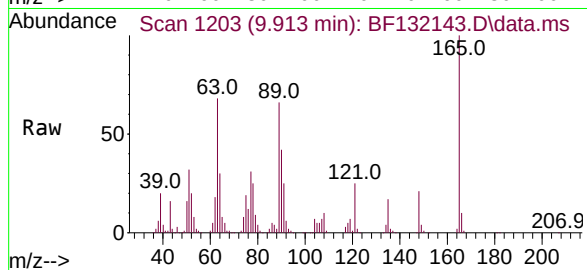
Tgt Ion:165 Resp: 93819

Ion Ratio Lower Upper

165 100

63 67.6 46.6 70.0

89 66.1 47.4 71.2



#52

Acenaphthene

Concen: 20.679 ng

RT: 10.177 min Scan# 1248

Delta R.T. -0.000 min

Lab File: BF132143.D

Acq: 19 Jan 2023 12:59

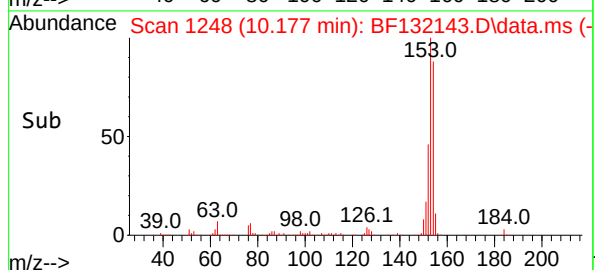
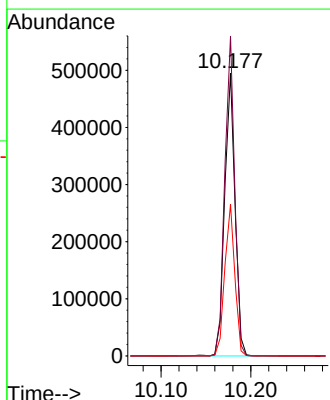
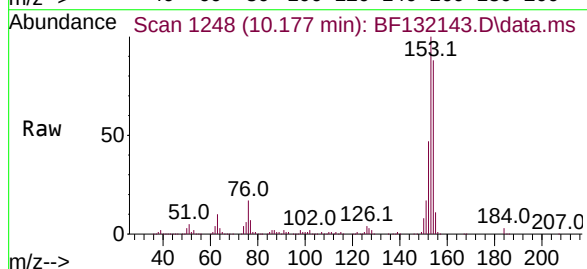
Tgt Ion:154 Resp: 398701

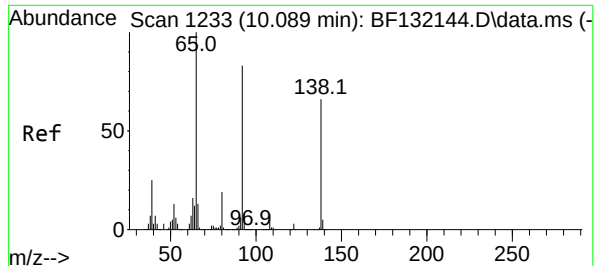
Ion Ratio Lower Upper

154 100

153 113.2 89.8 134.8

152 53.6 42.3 63.5

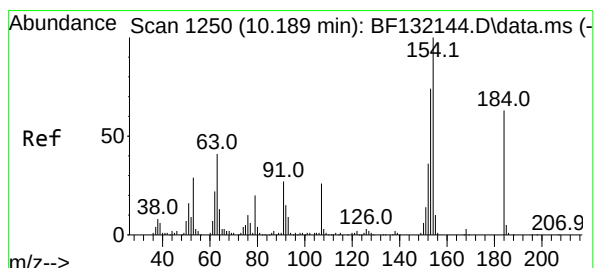
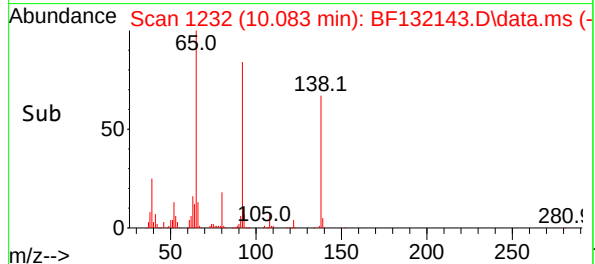
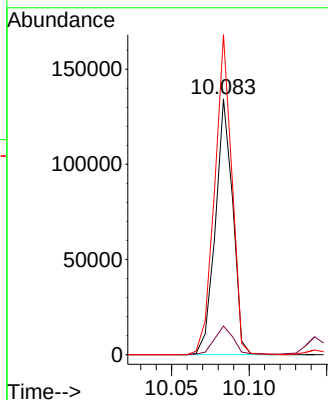
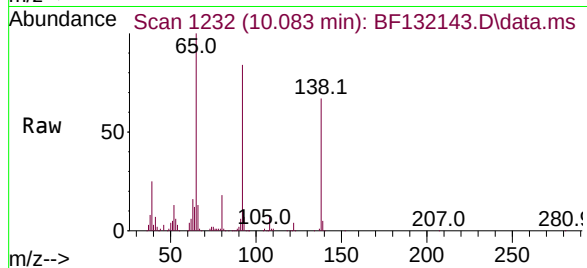




#53
3-Nitroaniline
Concen: 21.160 ng
RT: 10.083 min Scan# 1233
Delta R.T. -0.006 min
Lab File: BF132143.D
Acq: 19 Jan 2023 12:59

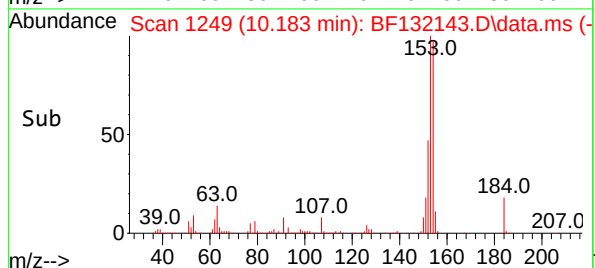
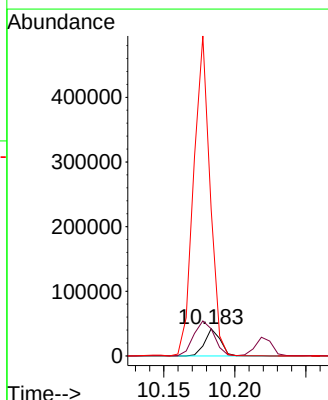
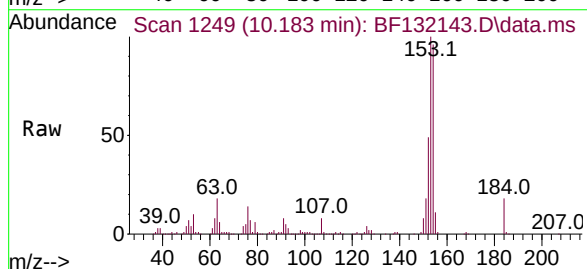
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

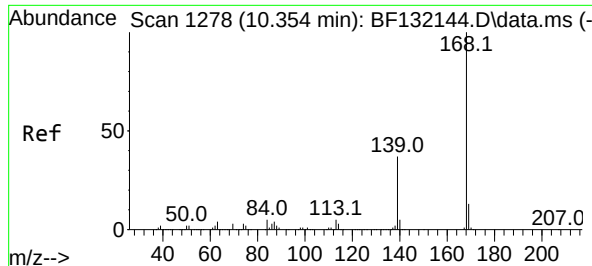
Tgt Ion:138 Resp: 104344
Ion Ratio Lower Upper
138 100
108 11.2 9.1 13.7
92 125.1 101.2 151.8



#54
2,4-Dinitrophenol
Concen: 17.046 ng
RT: 10.183 min Scan# 1249
Delta R.T. -0.006 min
Lab File: BF132143.D
Acq: 19 Jan 2023 12:59

Tgt Ion:184 Resp: 31754
Ion Ratio Lower Upper
184 100
63 99.9 53.2 79.8#
154 539.6 129.4 194.0#





#55

Dibenzofuran

Concen: 20.766 ng

RT: 10.348 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132143.D

Acq: 19 Jan 2023 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

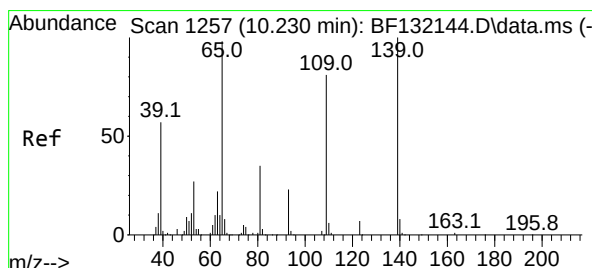
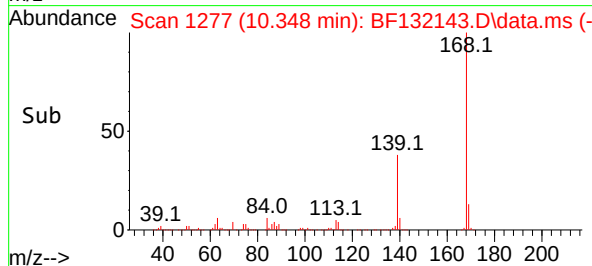
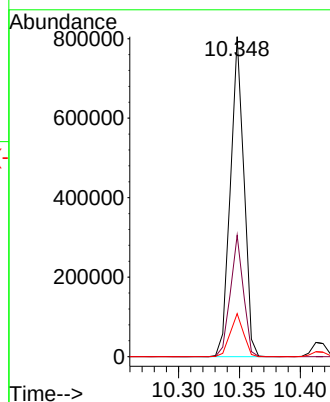
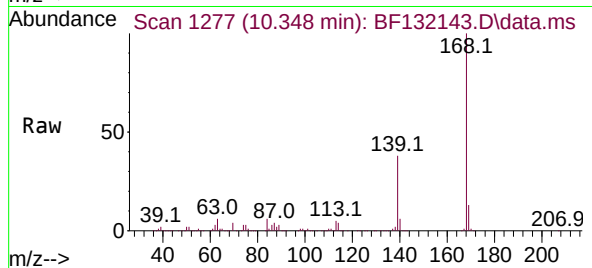
Tgt Ion:168 Resp: 618748

Ion Ratio Lower Upper

168 100

139 37.9 29.8 44.8

169 13.4 10.3 15.5



#56

4-Nitrophenol

Concen: 20.202 ng

RT: 10.225 min Scan# 1256

Delta R.T. -0.006 min

Lab File: BF132143.D

Acq: 19 Jan 2023 12:59

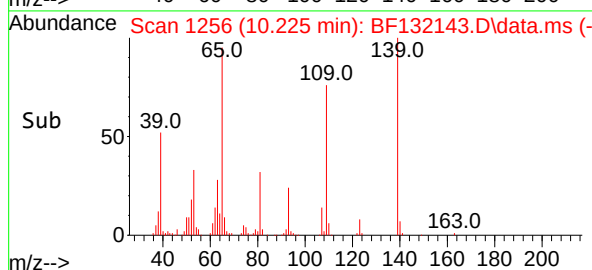
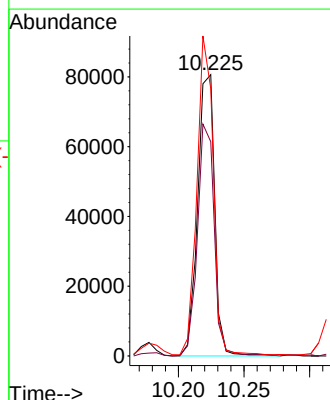
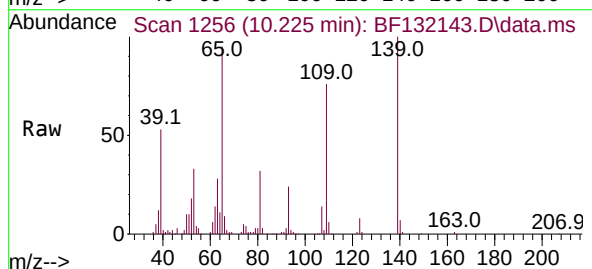
Tgt Ion:139 Resp: 72500

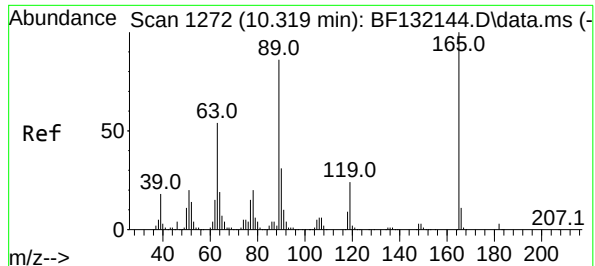
Ion Ratio Lower Upper

139 100

109 76.2 61.0 101.0

65 95.0 79.3 119.3

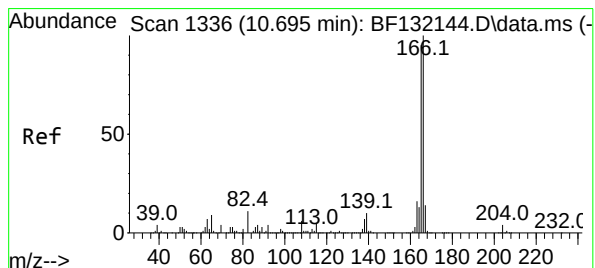
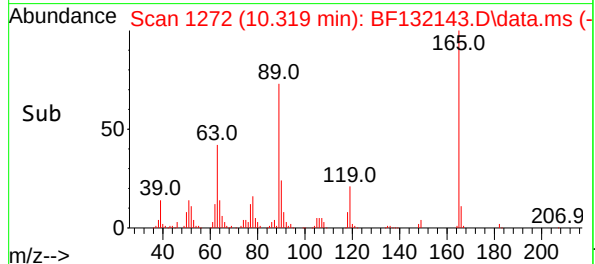
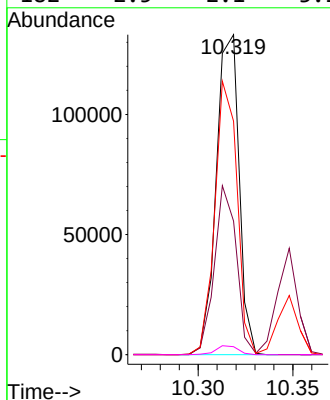
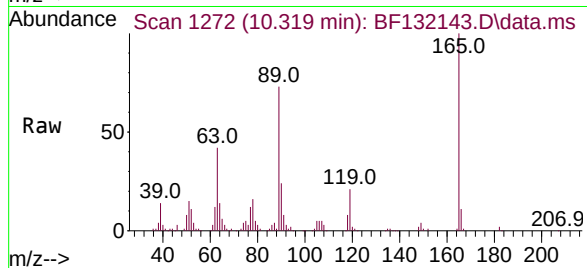




#57
2,4-Dinitrotoluene
Concen: 20.154 ng
RT: 10.319 min Scan# 1272
Delta R.T. -0.000 min
Lab File: BF132143.D
Acq: 19 Jan 2023 12:59

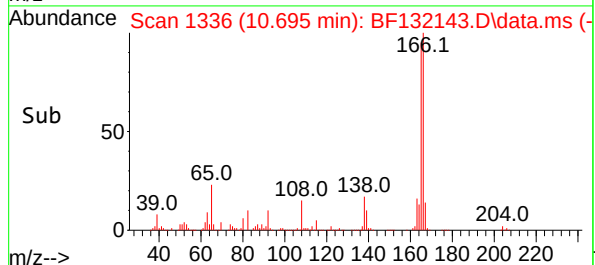
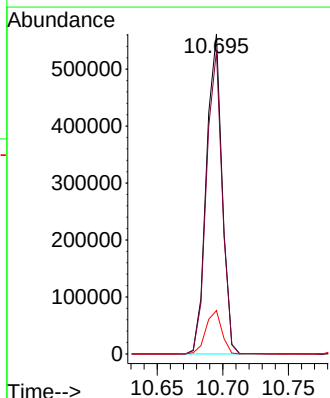
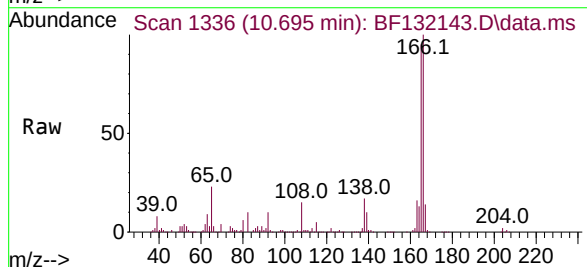
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

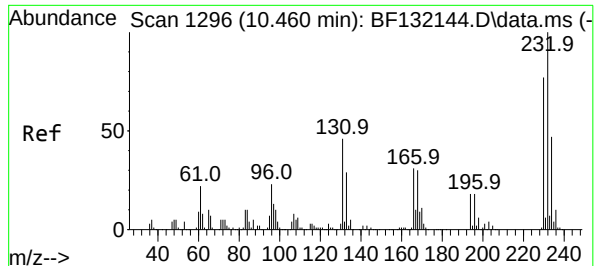
Tgt Ion:165 Resp: 111577
Ion Ratio Lower Upper
165 100
63 41.7 43.5 65.3#
89 72.9 69.0 103.6
182 2.5 2.1 3.1



#58
Fluorene
Concen: 21.073 ng
RT: 10.695 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF132143.D
Acq: 19 Jan 2023 12:59

Tgt Ion:166 Resp: 465243
Ion Ratio Lower Upper
166 100
165 94.7 76.4 114.6
167 13.5 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 20.811 ng

RT: 10.460 min Scan# 1312

Delta R.T. -0.000 min

Lab File: BF132143.D

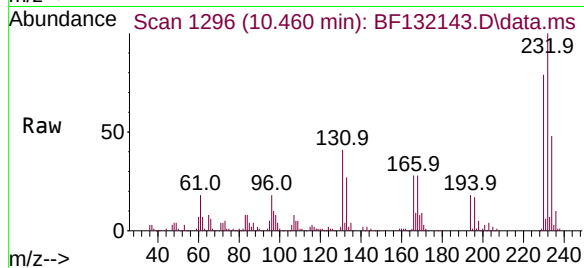
Acq: 19 Jan 2023 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:232 Resp: 131354

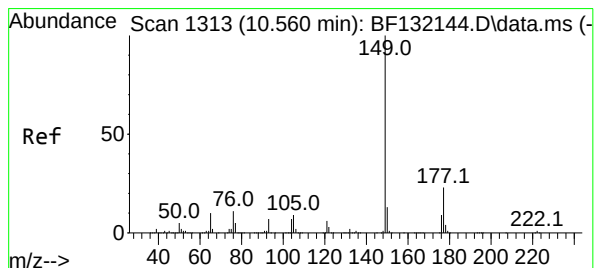
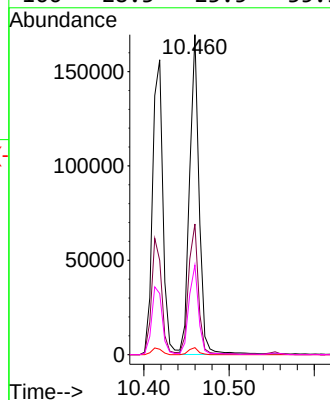
Ion Ratio Lower Upper

232 100

131 42.1 33.8 50.6

130 2.2 1.9 2.9

166 28.3 23.5 35.3



#60

Diethylphthalate

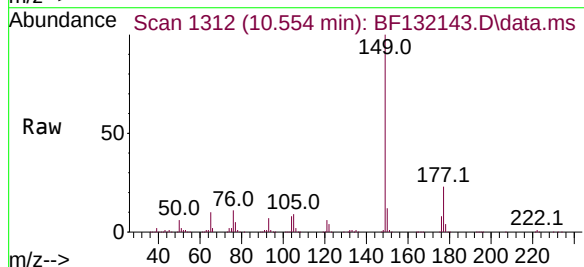
Concen: 20.905 ng

RT: 10.554 min Scan# 1312

Delta R.T. -0.006 min

Lab File: BF132143.D

Acq: 19 Jan 2023 12:59



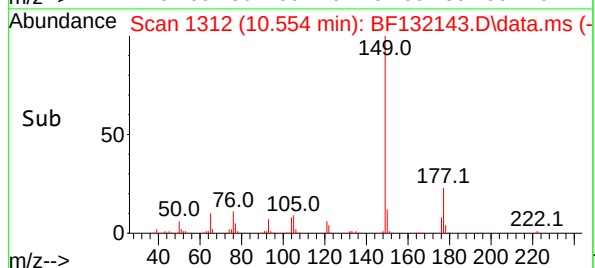
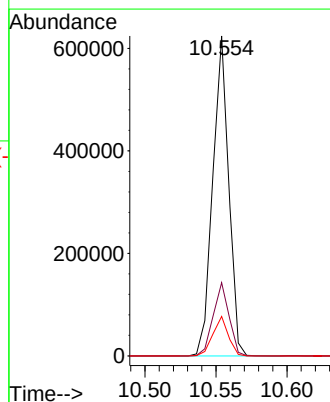
Tgt Ion:149 Resp: 487809

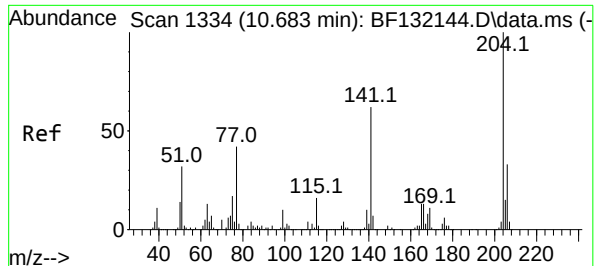
Ion Ratio Lower Upper

149 100

177 22.9 18.4 27.6

150 12.3 10.1 15.1

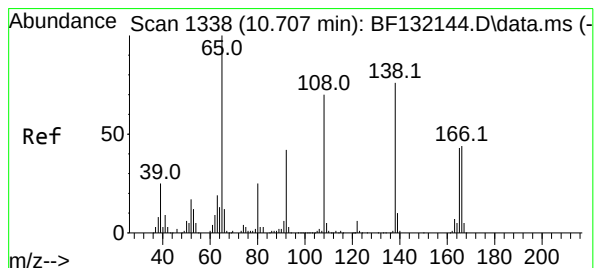
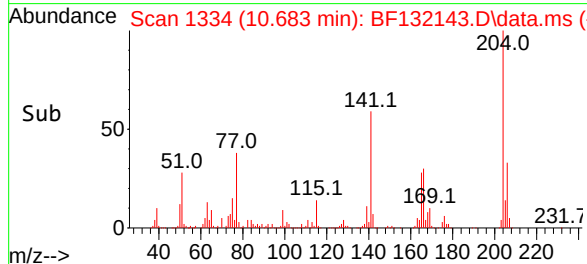
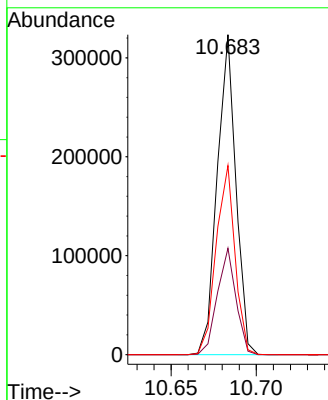
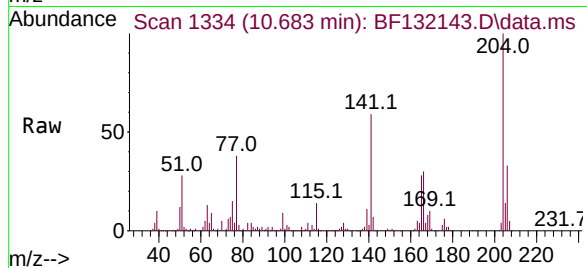




#61
4-Chlorophenyl-phenylether
Concen: 20.845 ng
RT: 10.683 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF132143.D
Acq: 19 Jan 2023 12:59

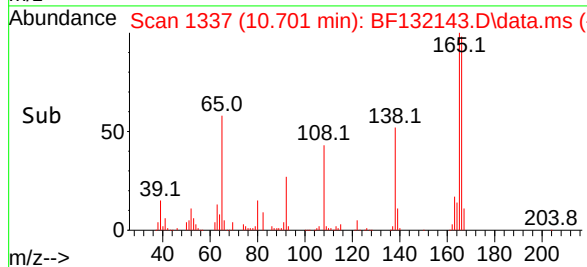
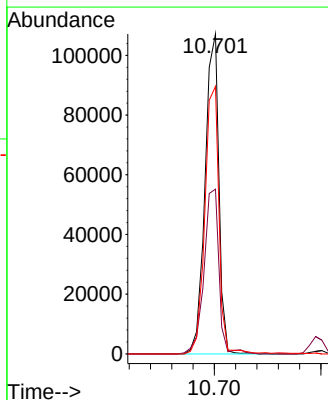
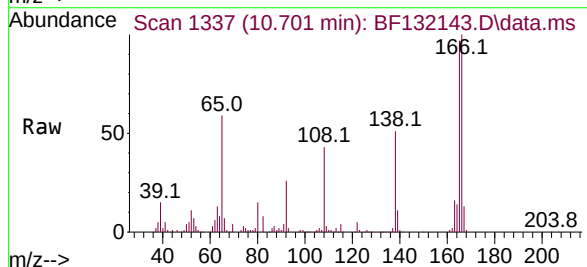
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

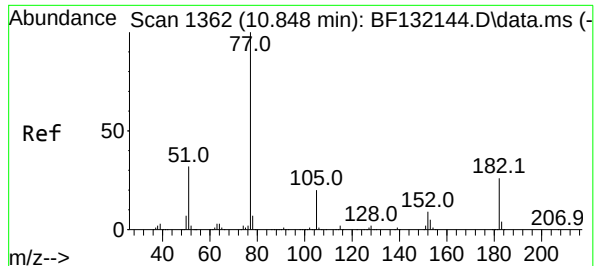
Tgt Ion:204 Resp: 246432
Ion Ratio Lower Upper
204 100
206 33.2 26.4 39.6
141 59.1 49.2 73.8



#62
4-Nitroaniline
Concen: 20.957 ng
RT: 10.701 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF132143.D
Acq: 19 Jan 2023 12:59

Tgt Ion:138 Resp: 96209
Ion Ratio Lower Upper
138 100
92 51.5 35.9 75.9
108 83.6 72.0 112.0

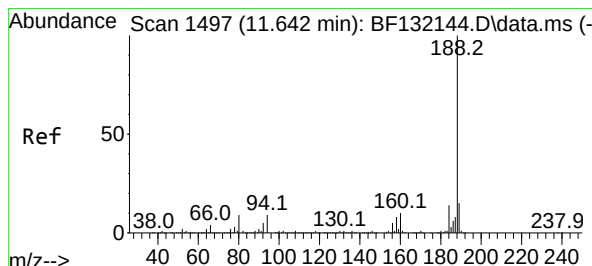
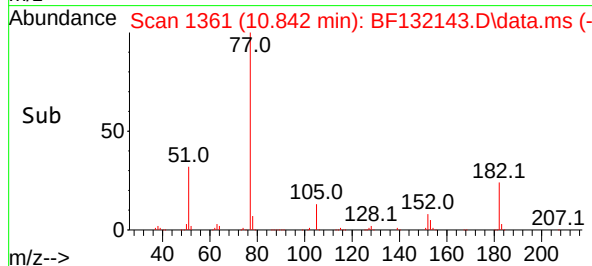
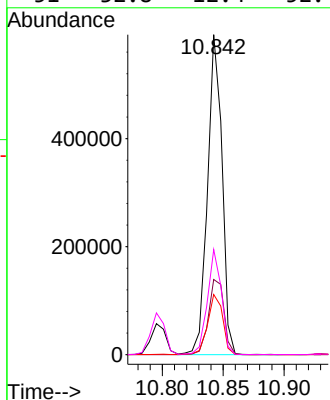
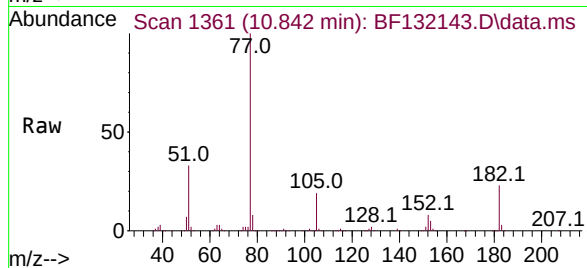




#63
Azobenzene
Concen: 21.019 ng
RT: 10.842 min Scan# 1362
Delta R.T. -0.006 min
Lab File: BF132143.D
Acq: 19 Jan 2023 12:59

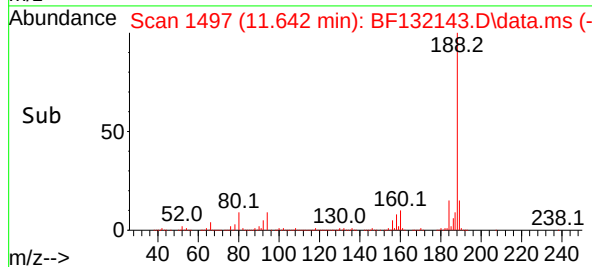
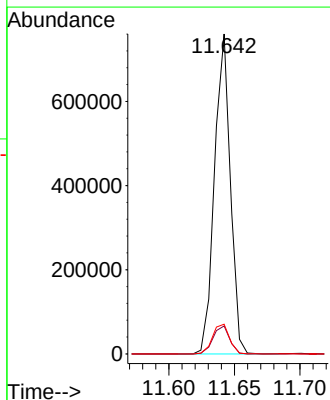
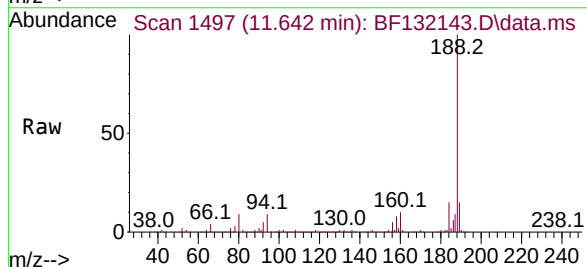
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

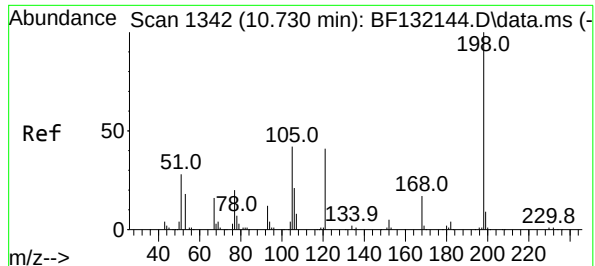
Tgt Ion: 77	Resp: 492240
Ion Ratio	Lower Upper
77 100	
182 23.5	6.4 46.4
105 18.8	0.0 39.8
51 32.8	12.4 52.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.642 min Scan# 1497
Delta R.T. -0.000 min
Lab File: BF132143.D
Acq: 19 Jan 2023 12:59

Tgt Ion: 188	Resp: 639965
Ion Ratio	Lower Upper
188 100	
94 8.7	6.9 10.3
80 9.3	7.5 11.3





#65

4,6-Dinitro-2-methylphenol

Concen: 16.514 ng

RT: 10.725 min Scan# 1341

Delta R.T. -0.005 min

Lab File: BF132143.D

Acq: 19 Jan 2023 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

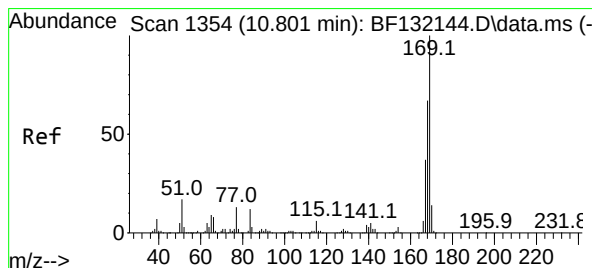
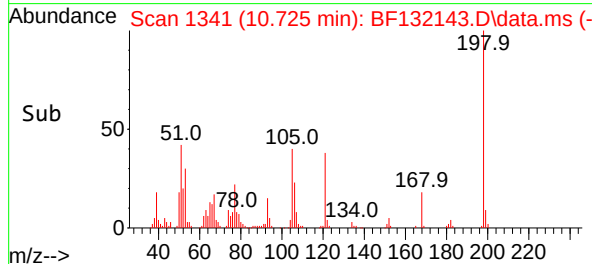
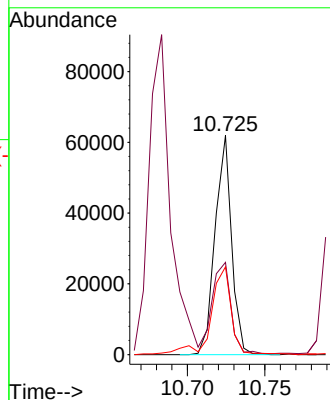
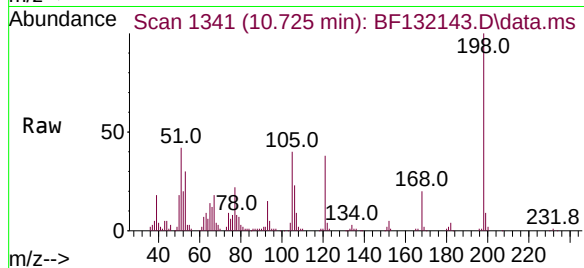
Tgt Ion:198 Resp: 45820

Ion Ratio Lower Upper

198 100

51 42.1 24.3 64.3

105 40.1 23.3 63.3



#66

n-Nitrosodiphenylamine

Concen: 20.458 ng

RT: 10.795 min Scan# 1353

Delta R.T. -0.006 min

Lab File: BF132143.D

Acq: 19 Jan 2023 12:59

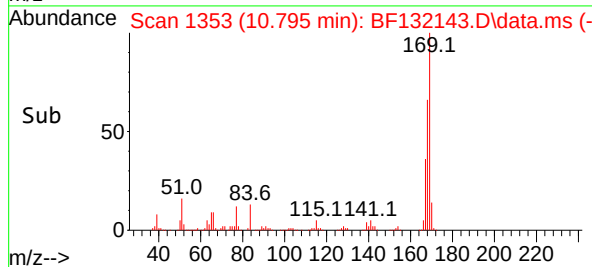
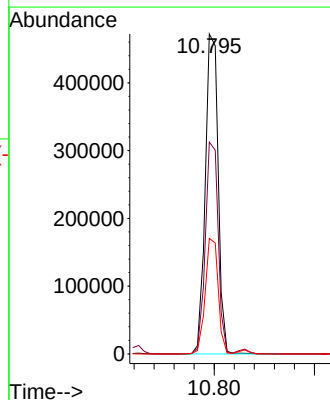
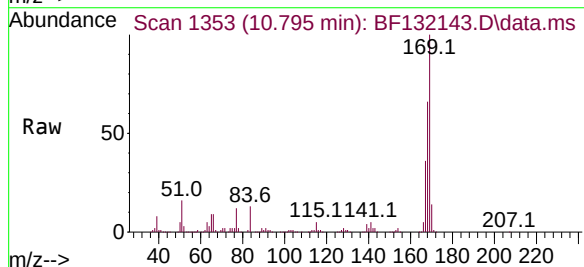
Tgt Ion:169 Resp: 419303

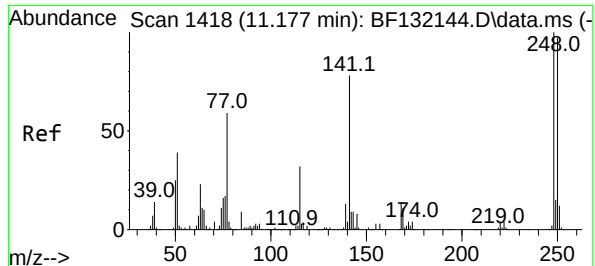
Ion Ratio Lower Upper

169 100

168 66.2 53.4 80.0

167 36.1 29.7 44.5

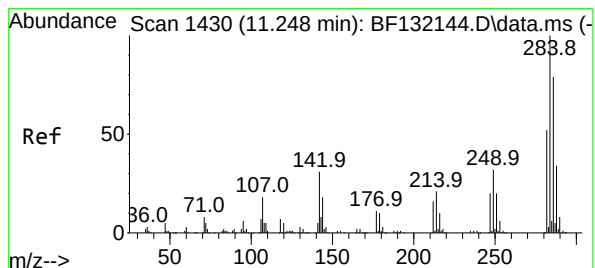
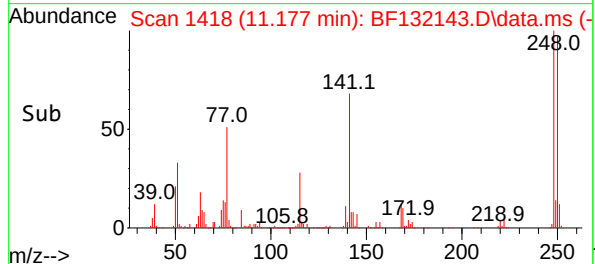
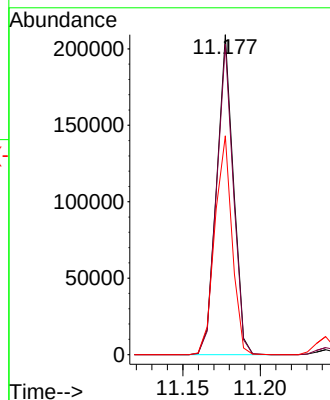
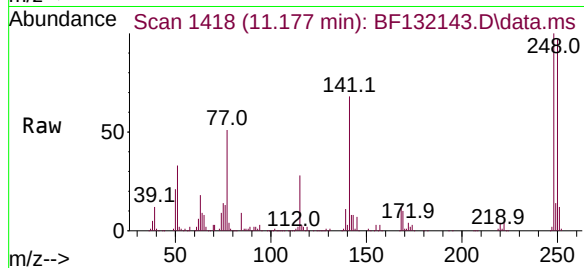




#67
4-Bromophenyl-phenylether
Concen: 20.266 ng
RT: 11.177 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF132143.D
Acq: 19 Jan 2023 12:59

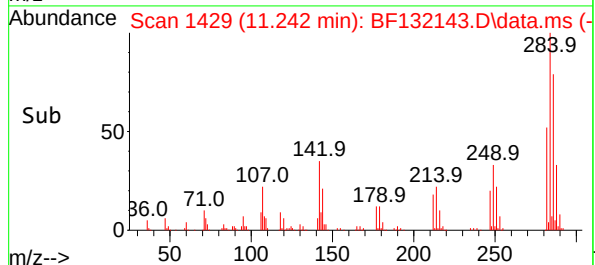
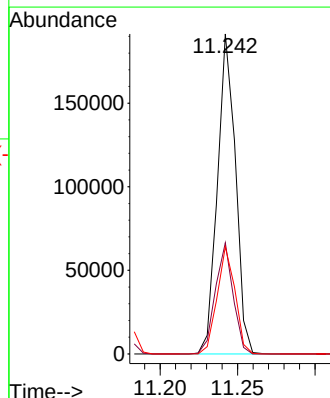
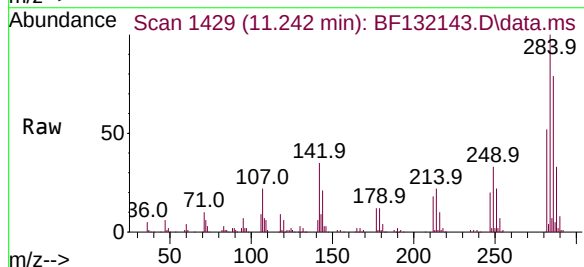
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

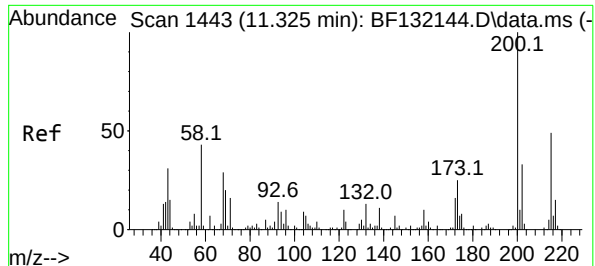
Tgt Ion:248 Resp: 158088
Ion Ratio Lower Upper
248 100
250 97.0 77.4 116.0
141 68.4 62.2 93.2



#68
Hexachlorobenzene
Concen: 20.084 ng
RT: 11.242 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF132143.D
Acq: 19 Jan 2023 12:59

Tgt Ion:284 Resp: 155701
Ion Ratio Lower Upper
284 100
142 34.7 24.7 37.1
249 33.5 25.6 38.4





#69

Atrazine

Concen: 20.588 ng

RT: 11.319 min Scan# 1442

Delta R.T. -0.006 min

Lab File: BF132143.D

Acq: 19 Jan 2023 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

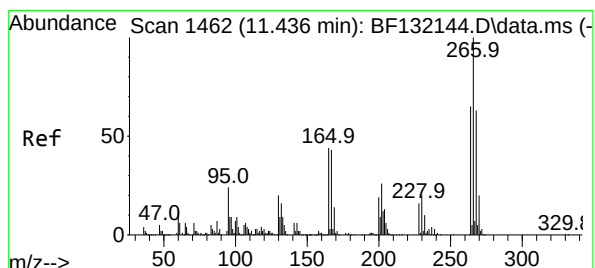
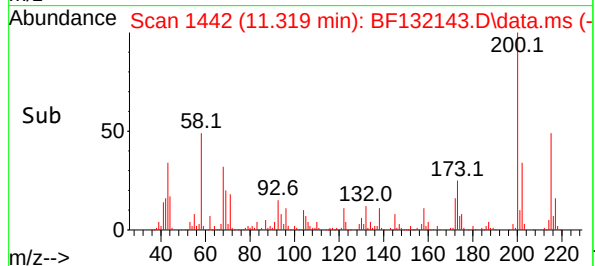
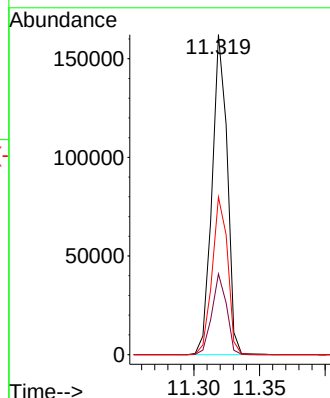
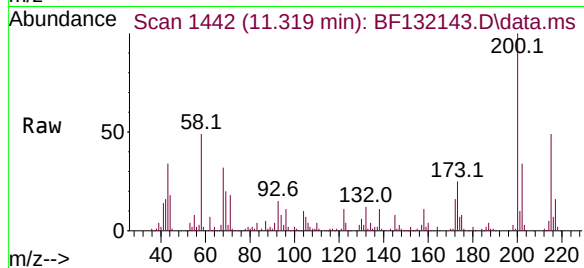
Tgt Ion:200 Resp: 130188

Ion Ratio Lower Upper

200 100

173 25.2 5.0 45.0

215 49.2 28.6 68.6



#70

Pentachlorophenol

Concen: 19.978 ng

RT: 11.436 min Scan# 1462

Delta R.T. -0.000 min

Lab File: BF132143.D

Acq: 19 Jan 2023 12:59

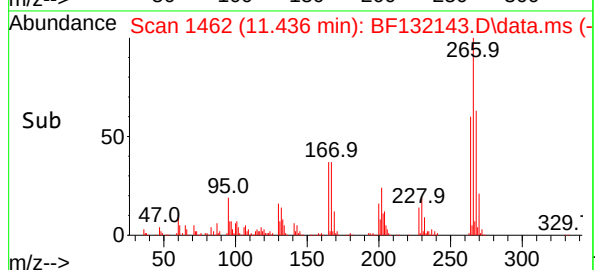
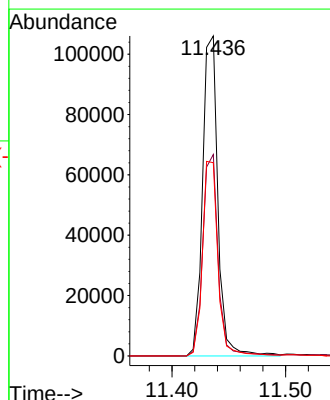
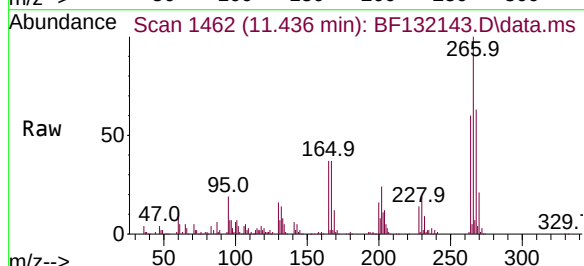
Tgt Ion:266 Resp: 99527

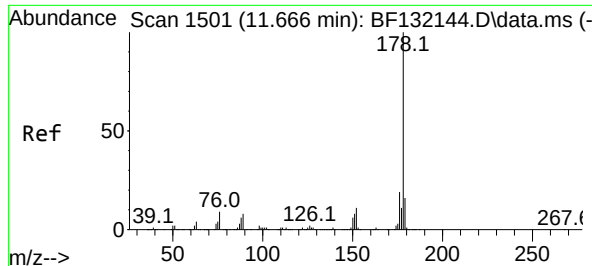
Ion Ratio Lower Upper

266 100

268 62.9 50.8 76.2

264 60.4 52.3 78.5

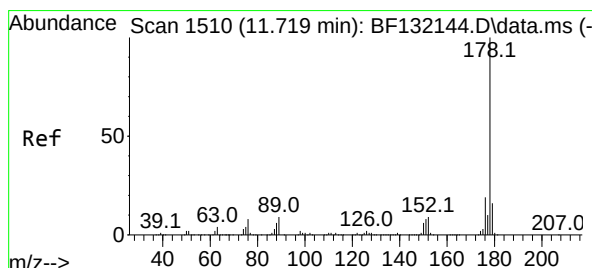
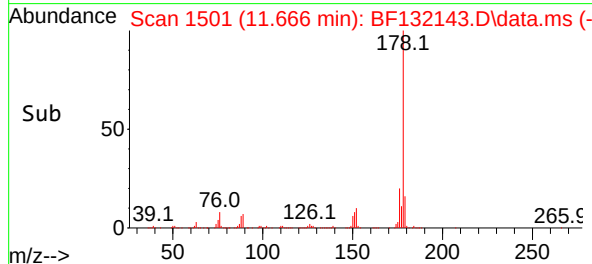
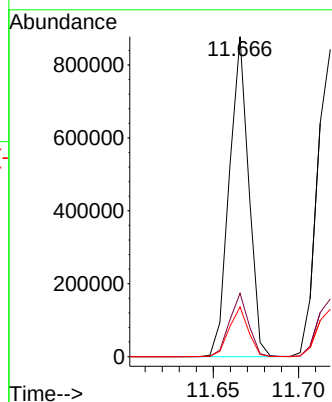
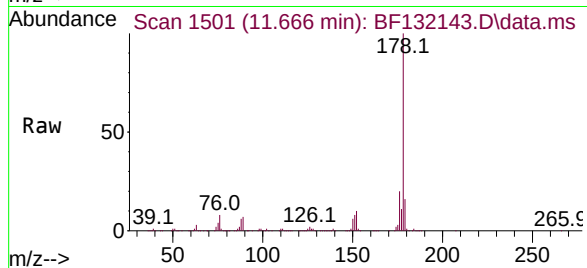




#71
Phenanthrene
Concen: 20.639 ng
RT: 11.666 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF132143.D
Acq: 19 Jan 2023 12:59

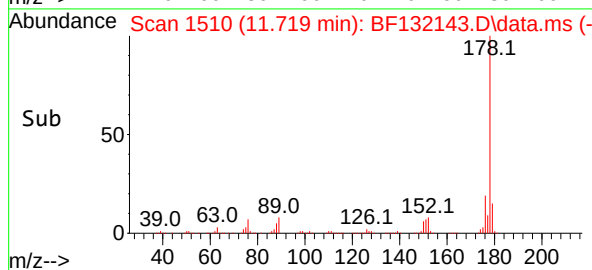
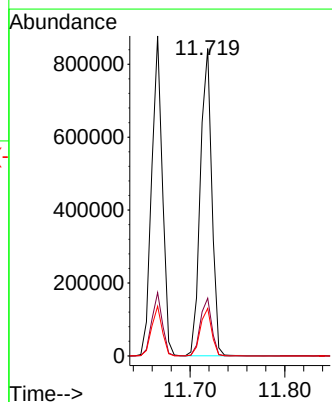
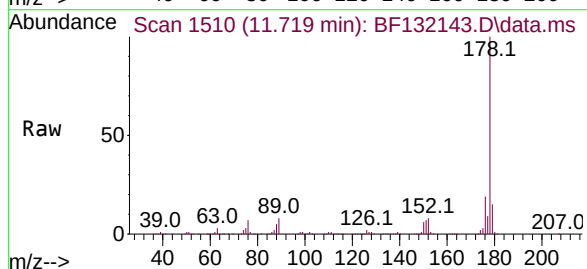
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

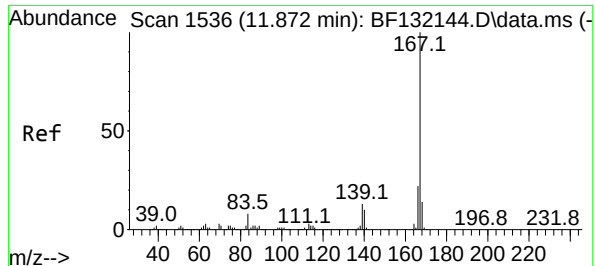
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.5	23.3
179	15.5	12.6	19.0



#72
Anthracene
Concen: 20.798 ng
RT: 11.719 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BF132143.D
Acq: 19 Jan 2023 12:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.5	12.6	18.8

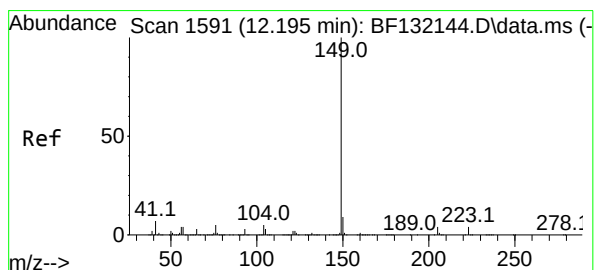
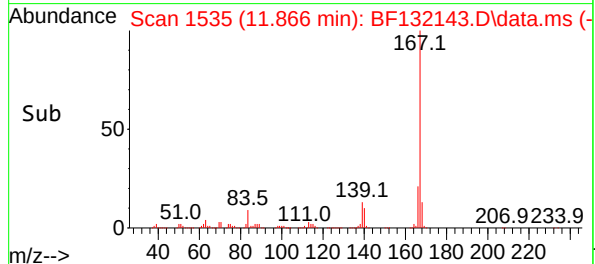
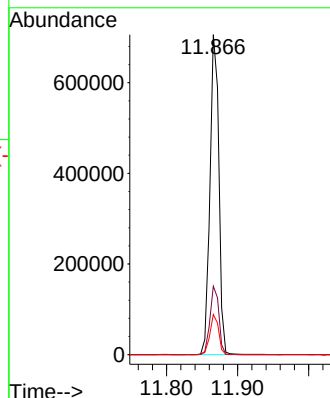
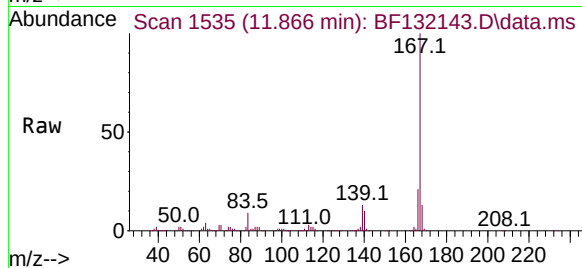




#73
Carbazole
Concen: 20.986 ng
RT: 11.866 min Scan# 1535
Delta R.T. -0.006 min
Lab File: BF132143.D
Acq: 19 Jan 2023 12:59

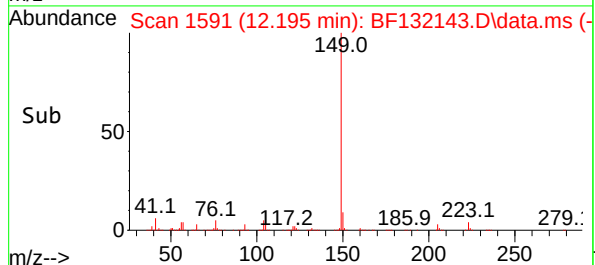
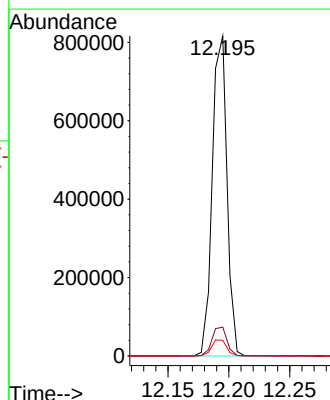
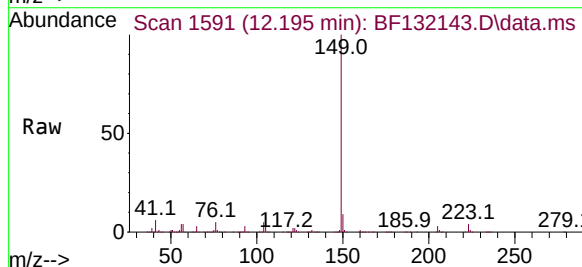
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

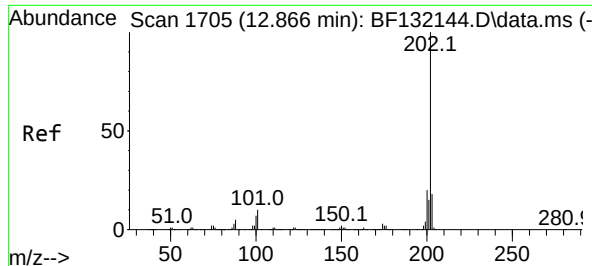
Tgt Ion:167 Resp: 609049
Ion Ratio Lower Upper
167 100
166 21.4 17.7 26.5
139 12.5 10.5 15.7



#74
Di-n-butylphthalate
Concen: 21.214 ng
RT: 12.195 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF132143.D
Acq: 19 Jan 2023 12:59

Tgt Ion:149 Resp: 685370
Ion Ratio Lower Upper
149 100
150 9.0 7.5 11.3
104 4.9 4.3 6.5

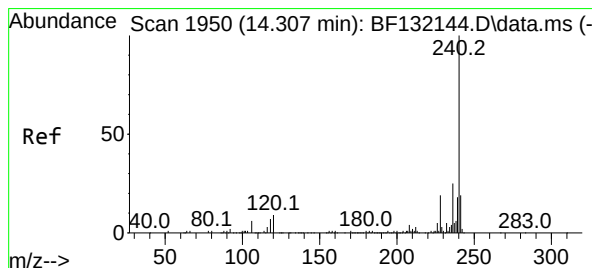
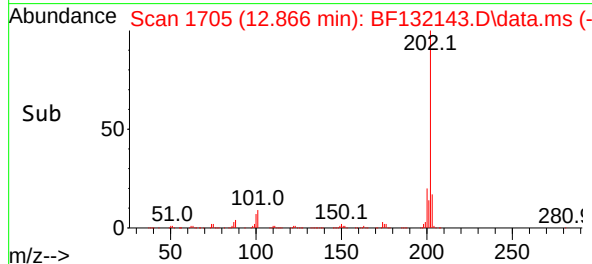
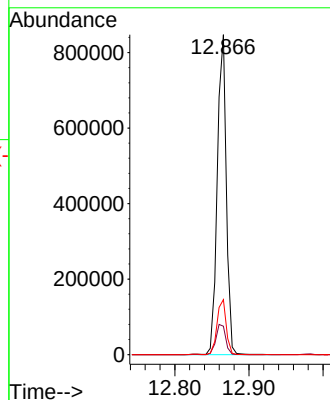
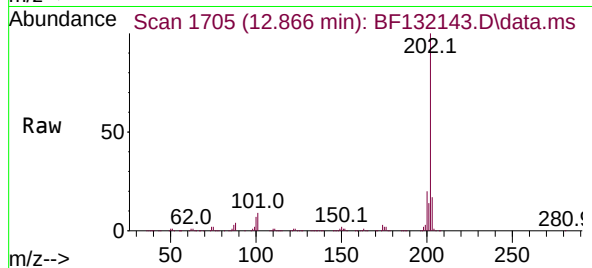




#75
Fluoranthene
Concen: 20.834 ng
RT: 12.866 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132143.D
Acq: 19 Jan 2023 12:59

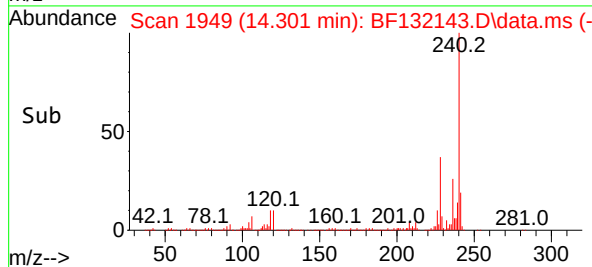
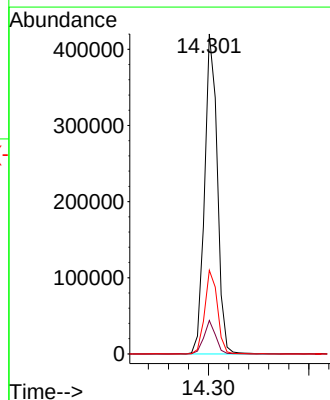
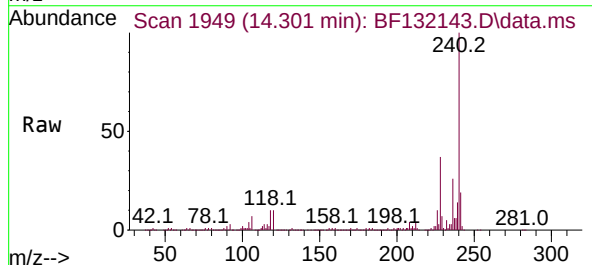
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

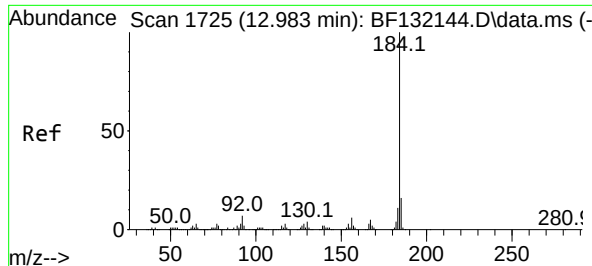
Tgt Ion:202 Resp: 718725
Ion Ratio Lower Upper
202 100
101 8.9 0.0 29.6
203 17.2 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.301 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BF132143.D
Acq: 19 Jan 2023 12:59

Tgt Ion:240 Resp: 367797
Ion Ratio Lower Upper
240 100
120 10.4 6.9 10.3#
236 26.2 20.3 30.5





#77

Benzidine

Concen: 20.488 ng

RT: 12.983 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132143.D

Acq: 19 Jan 2023 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

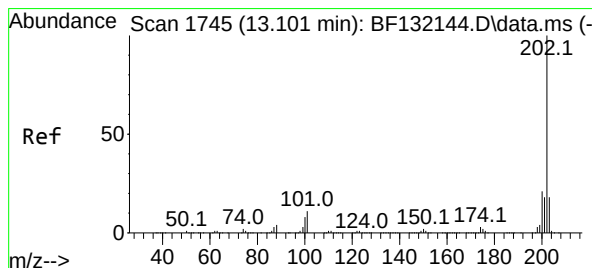
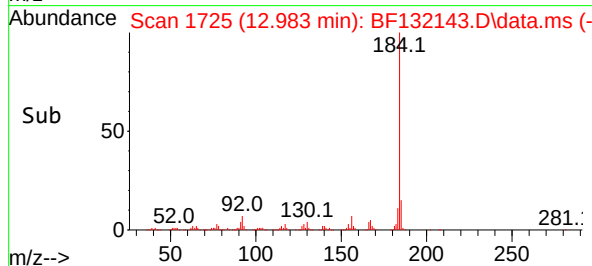
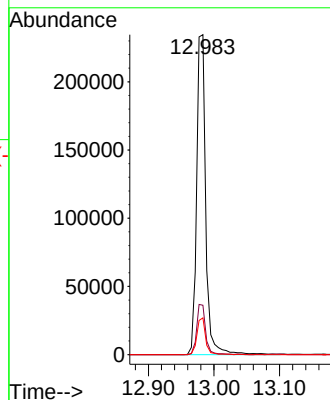
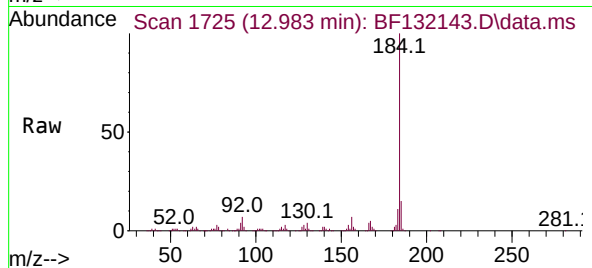
Tgt Ion:184 Resp: 226247

Ion Ratio Lower Upper

184 100

185 15.4 12.5 18.7

183 11.5 9.0 13.4



#78

Pyrene

Concen: 21.282 ng

RT: 13.095 min Scan# 1744

Delta R.T. -0.006 min

Lab File: BF132143.D

Acq: 19 Jan 2023 12:59

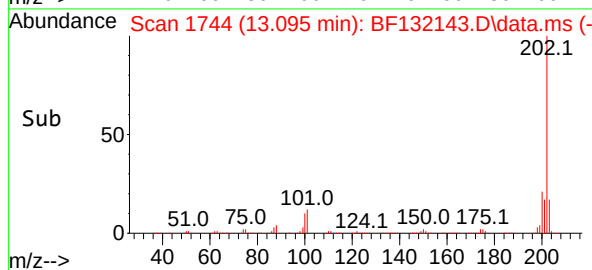
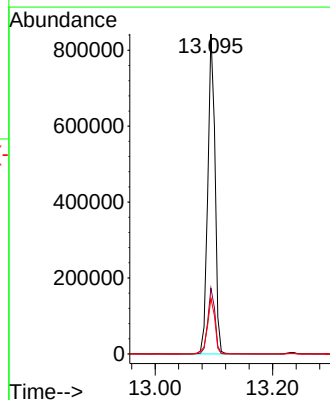
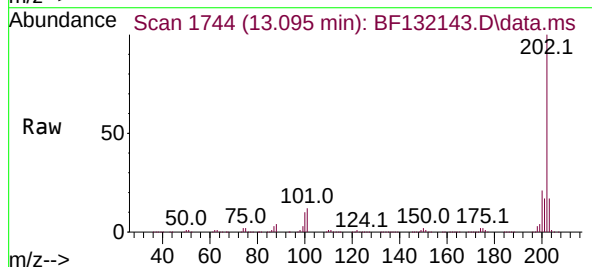
Tgt Ion:202 Resp: 721378

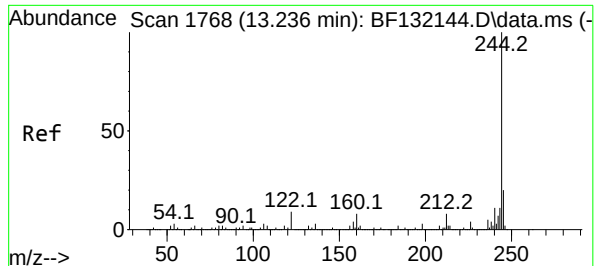
Ion Ratio Lower Upper

202 100

200 20.5 16.7 25.1

203 17.4 14.0 21.0

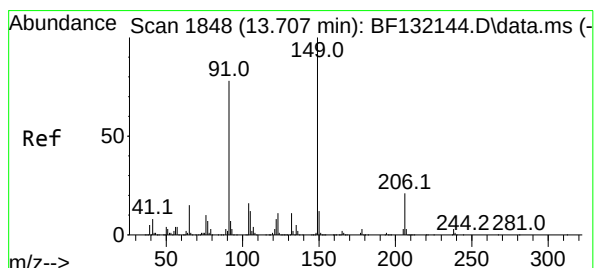
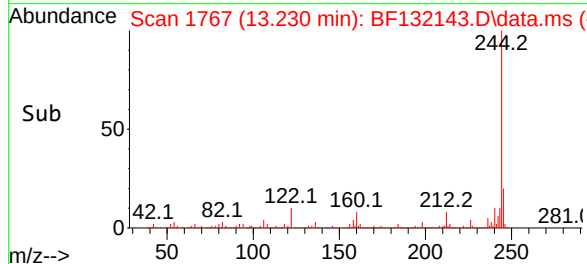
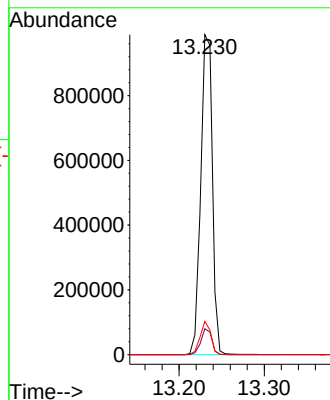
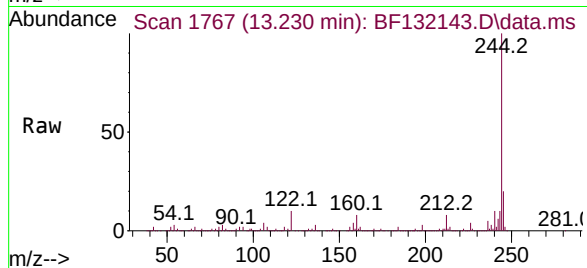




#79
Terphenyl-d14
Concen: 42.682 ng
RT: 13.230 min Scan# 1768
Delta R.T. -0.006 min
Lab File: BF132143.D
Acq: 19 Jan 2023 12:59

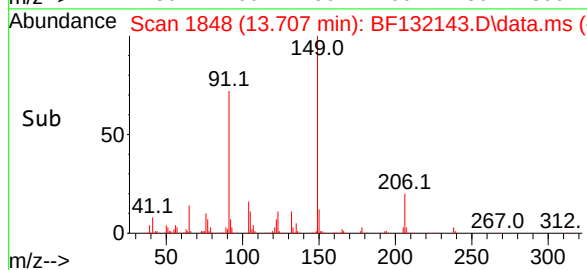
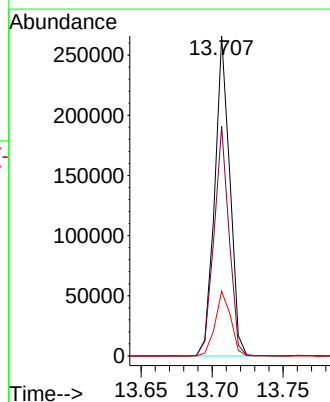
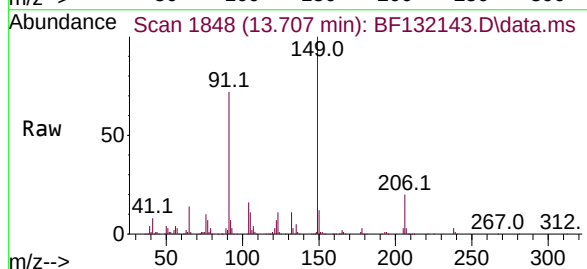
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

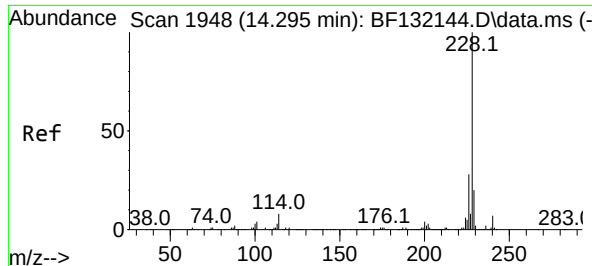
Tgt Ion:244 Resp: 937153
Ion Ratio Lower Upper
244 100
212 8.1 6.7 10.1
122 10.4 7.4 11.2



#80
Butylbenzylphthalate
Concen: 20.022 ng
RT: 13.707 min Scan# 1848
Delta R.T. -0.000 min
Lab File: BF132143.D
Acq: 19 Jan 2023 12:59

Tgt Ion:149 Resp: 196673
Ion Ratio Lower Upper
149 100
91 71.8 62.6 94.0
206 20.3 16.4 24.6

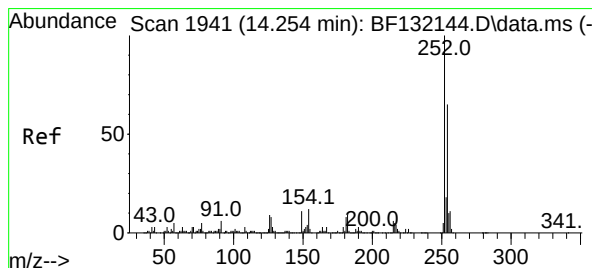
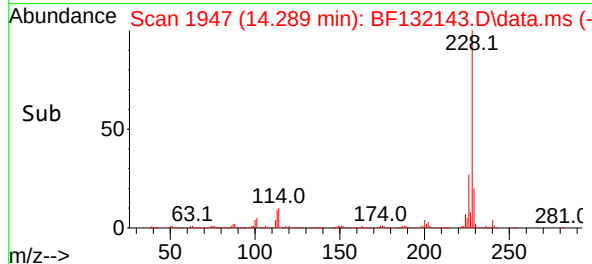
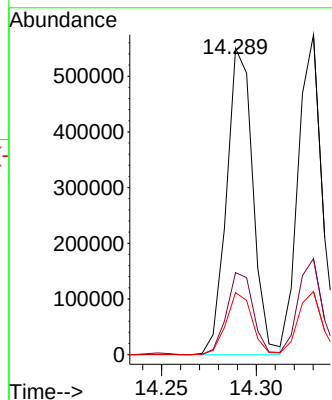
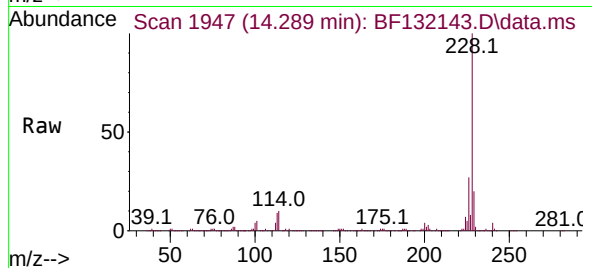




#81
Benzo(a)anthracene
Concen: 20.245 ng
RT: 14.289 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BF132143.D
Acq: 19 Jan 2023 12:59

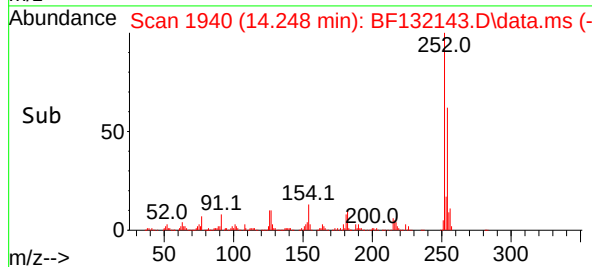
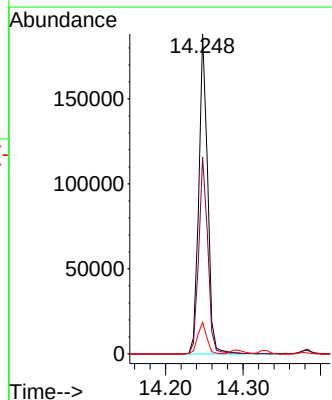
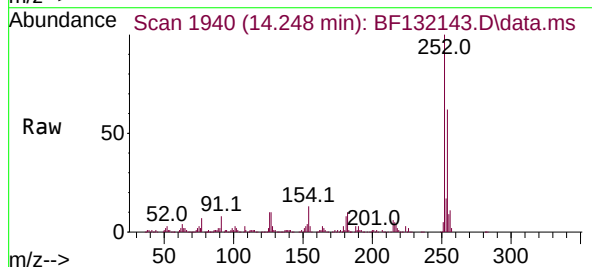
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

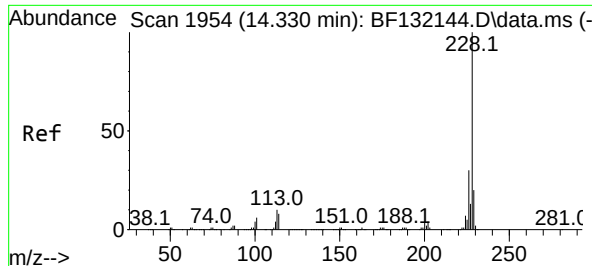
Tgt Ion:228 Resp: 531948
Ion Ratio Lower Upper
228 100
226 26.8 22.5 33.7
229 20.3 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 20.279 ng
RT: 14.248 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BF132143.D
Acq: 19 Jan 2023 12:59

Tgt Ion:252 Resp: 148391
Ion Ratio Lower Upper
252 100
254 61.5 52.4 78.6
126 9.9 7.0 10.6





#83

Chrysene

Concen: 19.870 ng

RT: 14.330 min Scan# 1954

Delta R.T. 0.000 min

Lab File: BF132143.D

Acq: 19 Jan 2023 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

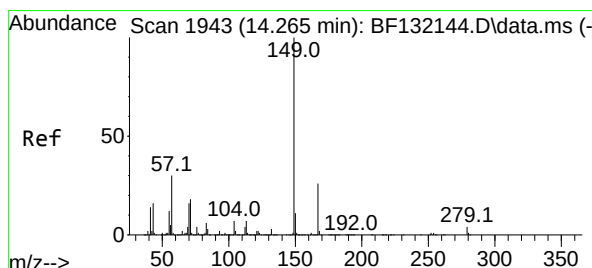
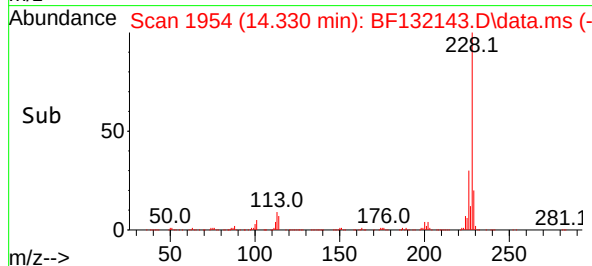
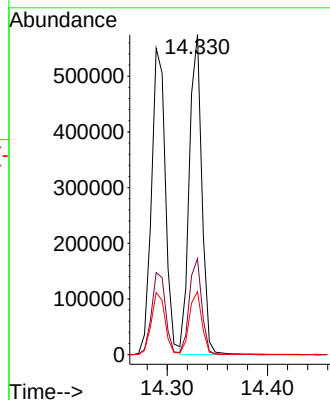
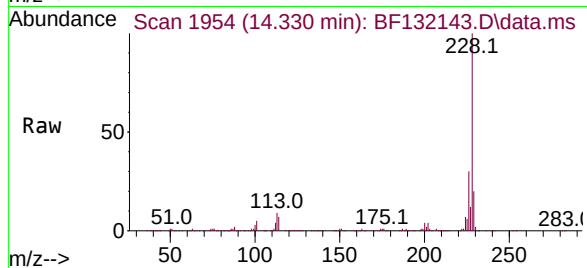
Tgt Ion:228 Resp: 496952

Ion Ratio Lower Upper

228 100

226 30.0 24.3 36.5

229 19.7 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 19.590 ng

RT: 14.265 min Scan# 1943

Delta R.T. 0.000 min

Lab File: BF132143.D

Acq: 19 Jan 2023 12:59

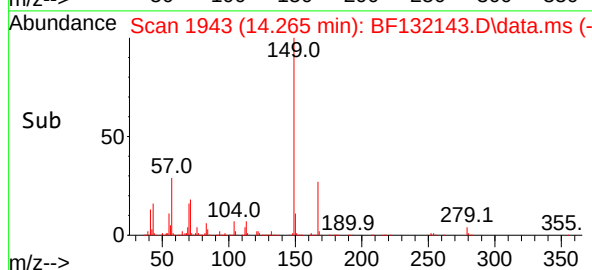
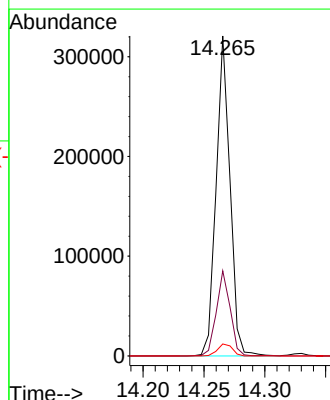
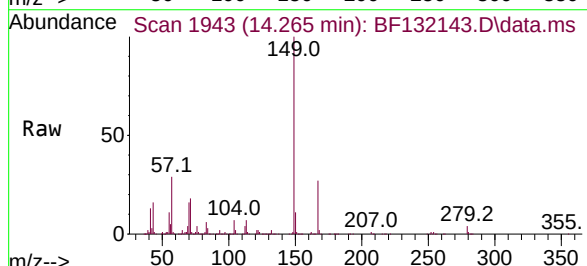
Tgt Ion:149 Resp: 254101

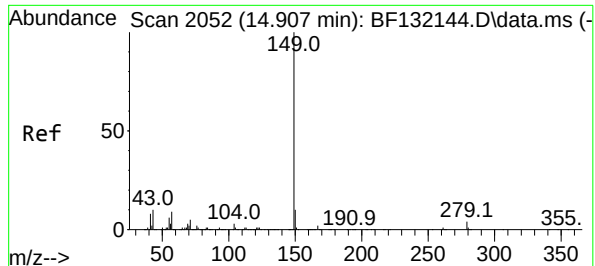
Ion Ratio Lower Upper

149 100

167 26.6 21.0 31.6

279 3.7 3.2 4.8

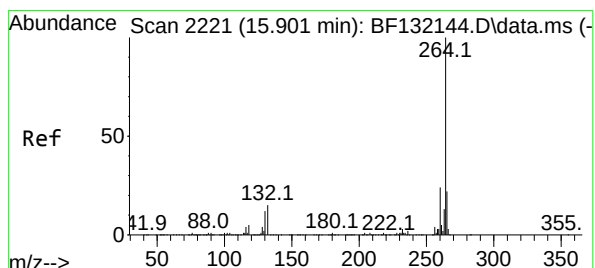
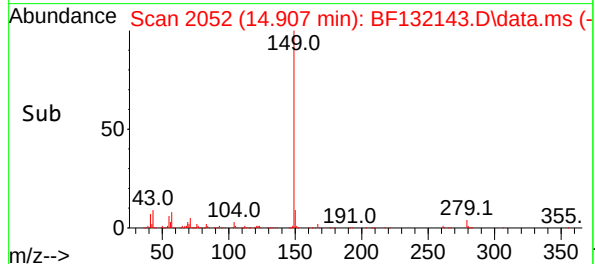
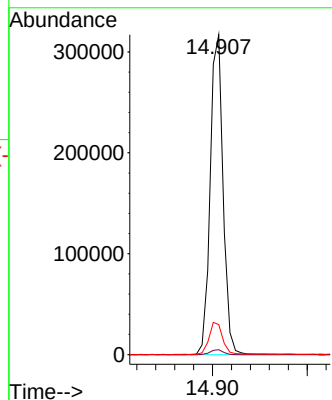
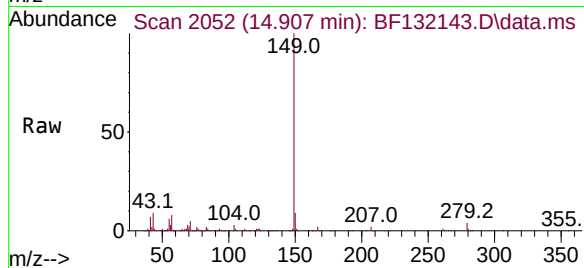




#85
Di-n-octyl phthalate
Concen: 15.074 ng
RT: 14.907 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BF132143.D
Acq: 19 Jan 2023 12:59

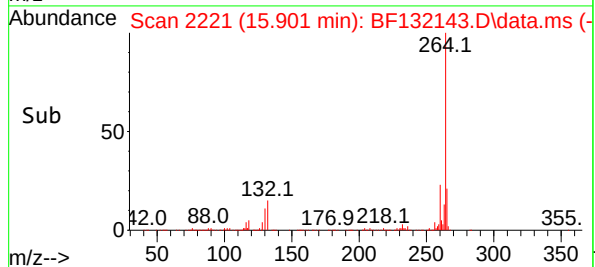
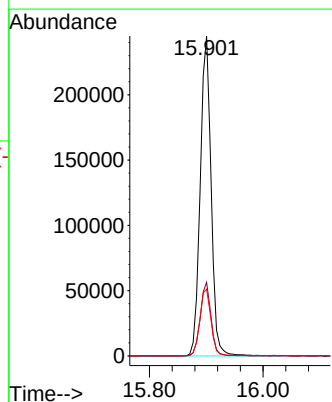
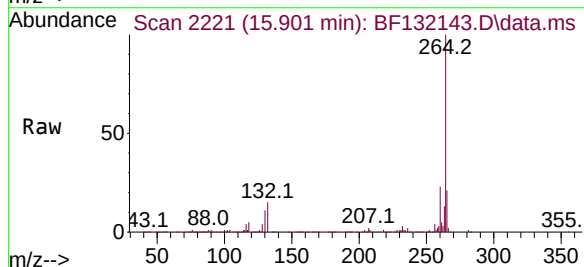
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

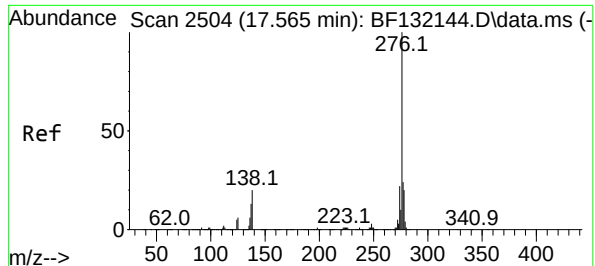
Tgt Ion:149 Resp: 300157
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.1 8.4 12.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.901 min Scan# 2221
Delta R.T. -0.000 min
Lab File: BF132143.D
Acq: 19 Jan 2023 12:59

Tgt Ion:264 Resp: 323952
Ion Ratio Lower Upper
264 100
260 23.0 19.1 28.7
265 20.8 17.4 26.0

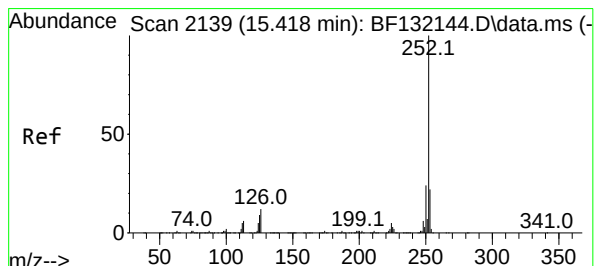
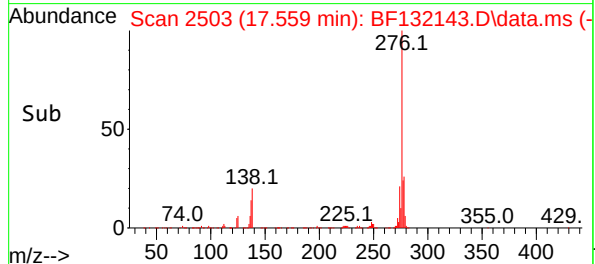
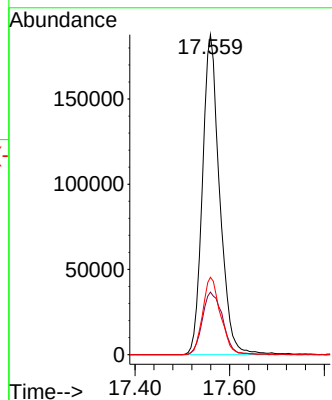
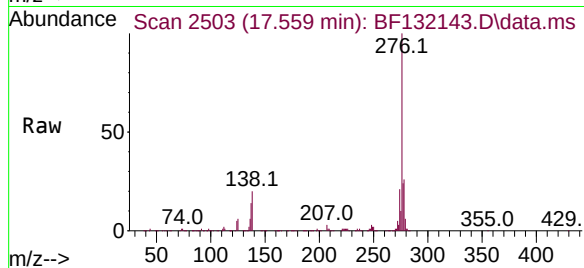




#87
Indeno(1,2,3-cd)pyrene
Concen: 20.135 ng
RT: 17.559 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF132143.D
Acq: 19 Jan 2023 12:59

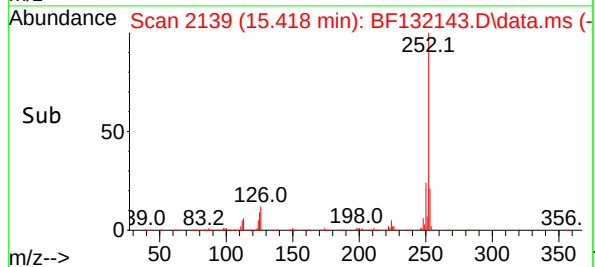
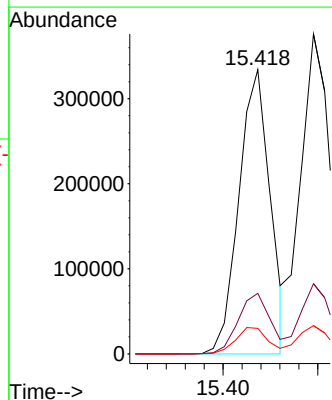
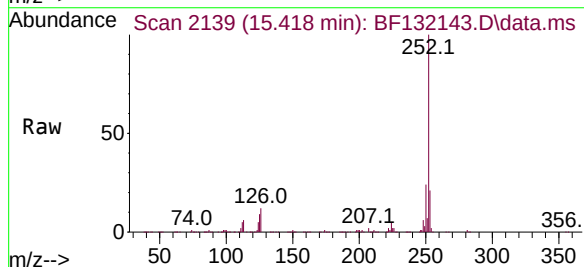
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

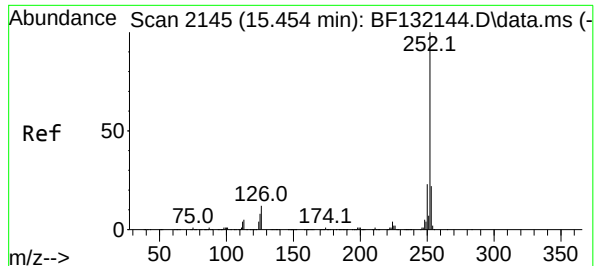
Tgt Ion:276 Resp: 473348
Ion Ratio Lower Upper
276 100
138 23.0 17.9 26.9
277 25.1 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 19.400 ng
RT: 15.418 min Scan# 2139
Delta R.T. 0.000 min
Lab File: BF132143.D
Acq: 19 Jan 2023 12:59

Tgt Ion:252 Resp: 382655
Ion Ratio Lower Upper
252 100
253 21.3 17.8 26.6
125 9.0 7.2 10.8





#89

Benzo(k)fluoranthene

Concen: 20.990 ng

RT: 15.448 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF132143.D

Acq: 19 Jan 2023 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

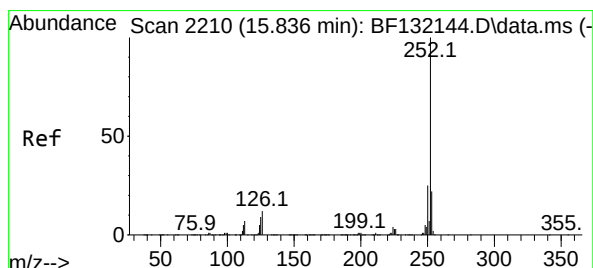
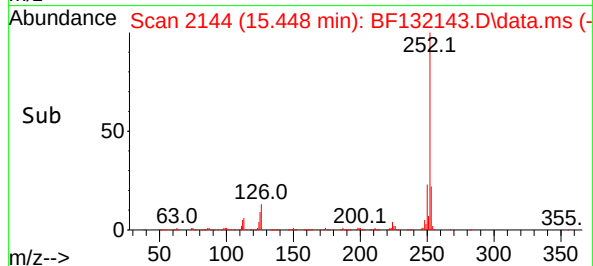
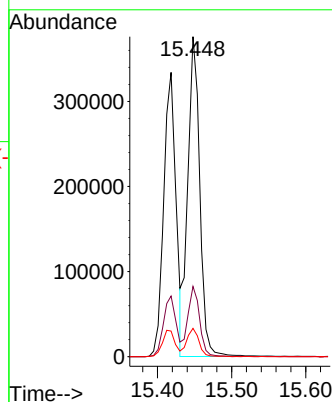
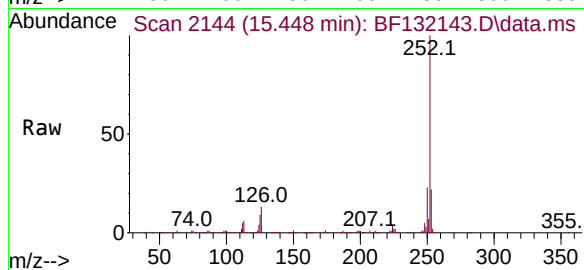
Tgt Ion:252 Resp: 422247

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 8.8 6.4 9.6



#90

Benzo(a)pyrene

Concen: 19.760 ng

RT: 15.830 min Scan# 2209

Delta R.T. -0.006 min

Lab File: BF132143.D

Acq: 19 Jan 2023 12:59

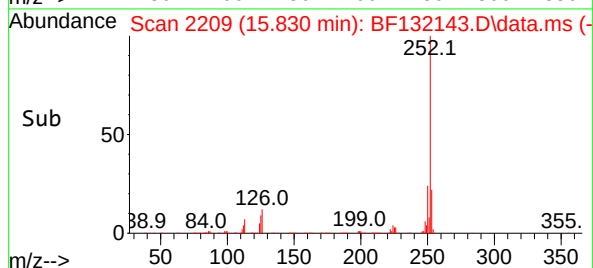
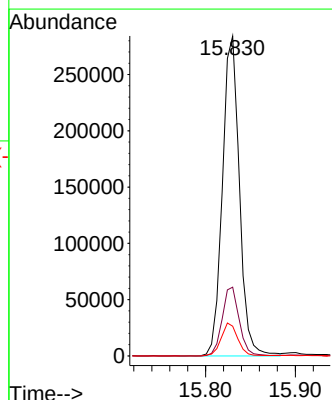
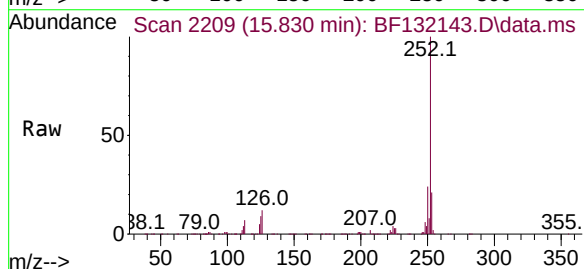
Tgt Ion:252 Resp: 374919

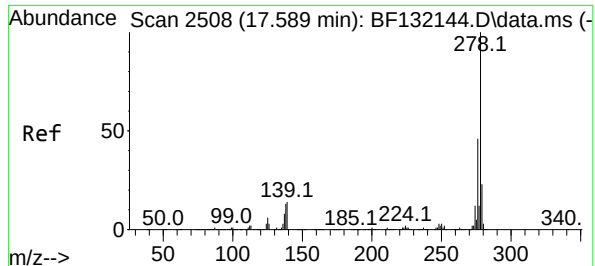
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 9.3 7.3 10.9





#91

Dibenzo(a,h)anthracene

Concen: 20.537 ng

RT: 17.583 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF132143.D

Acq: 19 Jan 2023 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

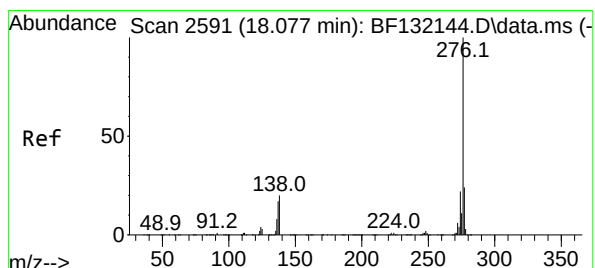
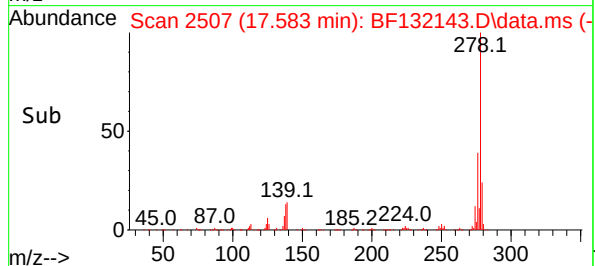
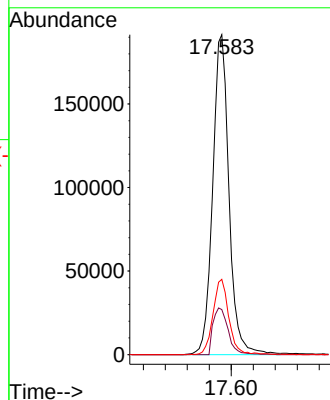
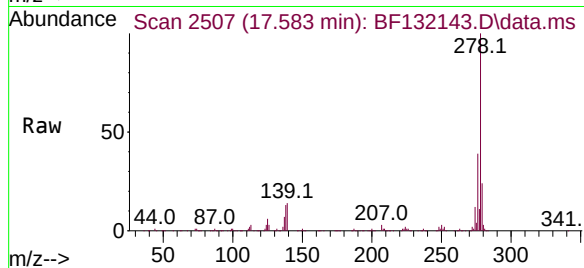
Tgt Ion:278 Resp: 393739

Ion Ratio Lower Upper

278 100

139 14.1 11.4 17.2

279 23.5 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 20.346 ng

RT: 18.065 min Scan# 2589

Delta R.T. -0.012 min

Lab File: BF132143.D

Acq: 19 Jan 2023 12:59

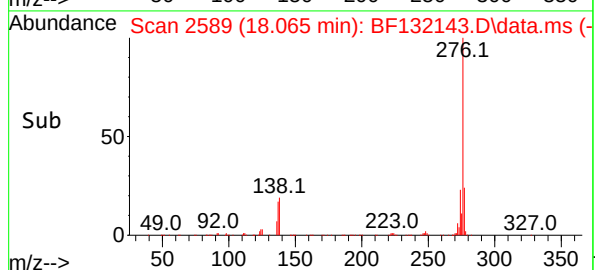
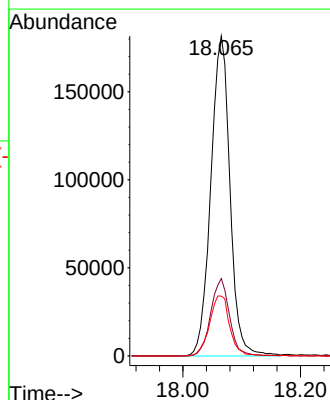
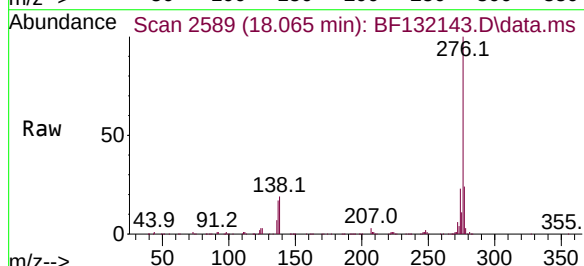
Tgt Ion:276 Resp: 410458

Ion Ratio Lower Upper

276 100

277 24.2 18.9 28.3

138 18.7 15.7 23.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011923\
 Data File : BF132144.D
 Acq On : 19 Jan 2023 13:32
 Operator : CG\JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/20/2023
 Supervised By : Jagrut Upadhyay 01/20/2023

Quant Time: Jan 20 00:11:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:07:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.089	152	169947	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	574298	20.000	ng	0.00
39) Acenaphthene-d10	10.142	164	299783	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	571110	20.000	ng	0.00
76) Chrysene-d12	14.307	240	311669	20.000	ng	0.00
86) Perylene-d12	15.901	264	321403	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.707	112	758471	77.963	ng	0.00
7) Phenol-d6	6.701	99	954609	77.950	ng	0.00
23) Nitrobenzene-d5	7.654	82	880688	81.464	ng	0.00
42) 2,4,6-Tribromophenol	10.936	330	265316	82.856	ng	0.00
45) 2-Fluorobiphenyl	9.454	172	1498425	78.225	ng	0.00
79) Terphenyl-d14	13.236	244	1442323	77.520	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.019	88	196981	39.966	ng	100
3) Pyridine	3.778	79	532677	40.260	ng	100
4) n-Nitrosodimethylamine	3.737	42	248242	39.894	ng	100
6) Aniline	6.754	93	658318	38.655	ng	100
8) 2-Chlorophenol	6.872	128	402247	39.335	ng	100
9) Benzaldehyde	6.642	77	306944	38.959	ng	100
10) Phenol	6.713	94	498859	39.129	ng	100
11) bis(2-Chloroethyl)ether	6.819	93	420156	38.930	ng	100
12) 1,3-Dichlorobenzene	7.031	146	446086	39.024	ng	100
13) 1,4-Dichlorobenzene	7.107	146	446695	39.162	ng	100
14) 1,2-Dichlorobenzene	7.266	146	407798	38.665	ng	100
15) Benzyl Alcohol	7.225	79	375920	39.591	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.360	45	617002	39.334	ng	100
17) 2-Methylphenol	7.325	107	354140	39.530	ng	100
18) Hexachloroethane	7.607	117	166087	40.564	ng	100
19) n-Nitroso-di-n-propyla...	7.495	70	287772	38.362	ng	100
20) 3+4-Methylphenols	7.484	107	447769	39.665	ng	100
22) Acetophenone	7.501	105	530480	38.431	ng	100
24) Nitrobenzene	7.672	77	466421	40.748	ng	100
25) Isophorone	7.907	82	825701	39.035	ng	100
26) 2-Nitrophenol	7.989	139	169914	42.583	ng	100
27) 2,4-Dimethylphenol	8.013	122	369954	40.420	ng	100
28) bis(2-Chloroethoxy)met...	8.119	93	494081	38.931	ng	100
29) 2,4-Dichlorophenol	8.225	162	354739	40.824	ng	100
30) 1,2,4-Trichlorobenzene	8.319	180	388596	39.372	ng	100
31) Naphthalene	8.401	128	1146683	38.878	ng	100
32) Benzoic acid	8.113	122	215433	40.096	ng	100
33) 4-Chloroaniline	8.442	127	501389	39.724	ng	100
34) Hexachlorobutadiene	8.513	225	260748	39.327	ng	100
35) Caprolactam	8.813	113	103837	42.217	ng	100
36) 4-Chloro-3-methylphenol	8.913	107	354572	40.548	ng	100
37) 2-Methylnaphthalene	9.095	142	785673	38.690	ng	100
38) 1-Methylnaphthalene	9.195	142	732441	38.764	ng	100
40) 1,2,4,5-Tetrachloroben...	9.260	216	410056	39.314	ng	100
41) Hexachlorocyclopentadiene	9.248	237	234059	41.122	ng	100
43) 2,4,6-Trichlorophenol	9.366	196	268487	41.476	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011923\
 Data File : BF132144.D
 Acq On : 19 Jan 2023 13:32
 Operator : CG\JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/20/2023
 Supervised By : Jagrut Upadhyay 01/20/2023

Quant Time: Jan 20 00:11:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:07:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.401	196	313420	41.399	ng	100
46) 1,1'-Biphenyl	9.560	154	921691	38.971	ng	100
47) 2-Chloronaphthalene	9.589	162	716342	39.181	ng	100
48) 2-Nitroaniline	9.678	65	228133	43.338	ng	100
49) Acenaphthylene	10.007	152	1146101	39.186	ng	100
50) Dimethylphthalate	9.854	163	860394	39.627	ng	100
51) 2,6-Dinitrotoluene	9.919	165	180288	42.841	ng	100
52) Acenaphthene	10.178	154	684074	38.885	ng	100
53) 3-Nitroaniline	10.089	138	192978	42.890	ng	100
54) 2,4-Dinitrophenol	10.189	184	66408	39.070	ng	100
55) Dibenzofuran	10.354	168	1061594	39.048	ng	100
56) 4-Nitrophenol	10.230	139	138964	42.437	ng	100
57) 2,4-Dinitrotoluene	10.319	165	212688	42.104	ng	100
58) Fluorene	10.695	166	768665	38.157	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.460	232	243020	42.198	ng	100
60) Diethylphthalate	10.560	149	853449	40.084	ng	100
61) 4-Chlorophenyl-phenyle...	10.683	204	422248	39.143	ng	100
62) 4-Nitroaniline	10.707	138	168856	40.310	ng	100
63) Azobenzene	10.848	77	839858	39.303	ng	100
65) 4,6-Dinitro-2-methylph...	10.730	198	96569	39.000	ng	100
66) n-Nitrosodiphenylamine	10.801	169	701625	38.360	ng	100
67) 4-Bromophenyl-phenylether	11.177	248	270734	38.892	ng	100
68) Hexachlorobenzene	11.248	284	268855	38.861	ng	100
69) Atrazine	11.325	200	225347	39.933	ng	100
70) Pentachlorophenol	11.436	266	185189	41.654	ng	100
71) Phenanthrene	11.666	178	1139286	38.013	ng	100
72) Anthracene	11.719	178	1150507	37.945	ng	100
73) Carbazole	11.872	167	988127	38.153	ng	100
74) Di-n-butylphthalate	12.195	149	1131265	39.237	ng	100
75) Fluoranthene	12.866	202	1151764	37.412	ng	100
77) Benzidine	12.983	184	425104	45.428	ng	100
78) Pyrene	13.101	202	1151402	40.086	ng	100
80) Butylbenzylphthalate	13.707	149	362674	43.571	ng	100
81) Benzo(a)anthracene	14.295	228	874477	39.275	ng	100
82) 3,3'-Dichlorobenzidine	14.254	252	263165	42.440	ng	100
83) Chrysene	14.330	228	829789	39.153	ng	100
84) Bis(2-ethylhexyl)phtha...	14.265	149	478672	43.550	ng	100
85) Di-n-octyl phthalate	14.907	149	681099	40.365	ng	100
87) Indeno(1,2,3-cd)pyrene	17.565	276	1014980	43.516	ng	100
88) Benzo(b)fluoranthene	15.418	252	790849	40.413	ng	100
89) Benzo(k)fluoranthene	15.454	252	778274	38.996	ng	100
90) Benzo(a)pyrene	15.836	252	768300	40.813	ng	100
91) Dibenzo(a,h)anthracene	17.589	278	831784	43.729	ng	100
92) Benzo(g,h,i)perylene	18.077	276	870045	43.468	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

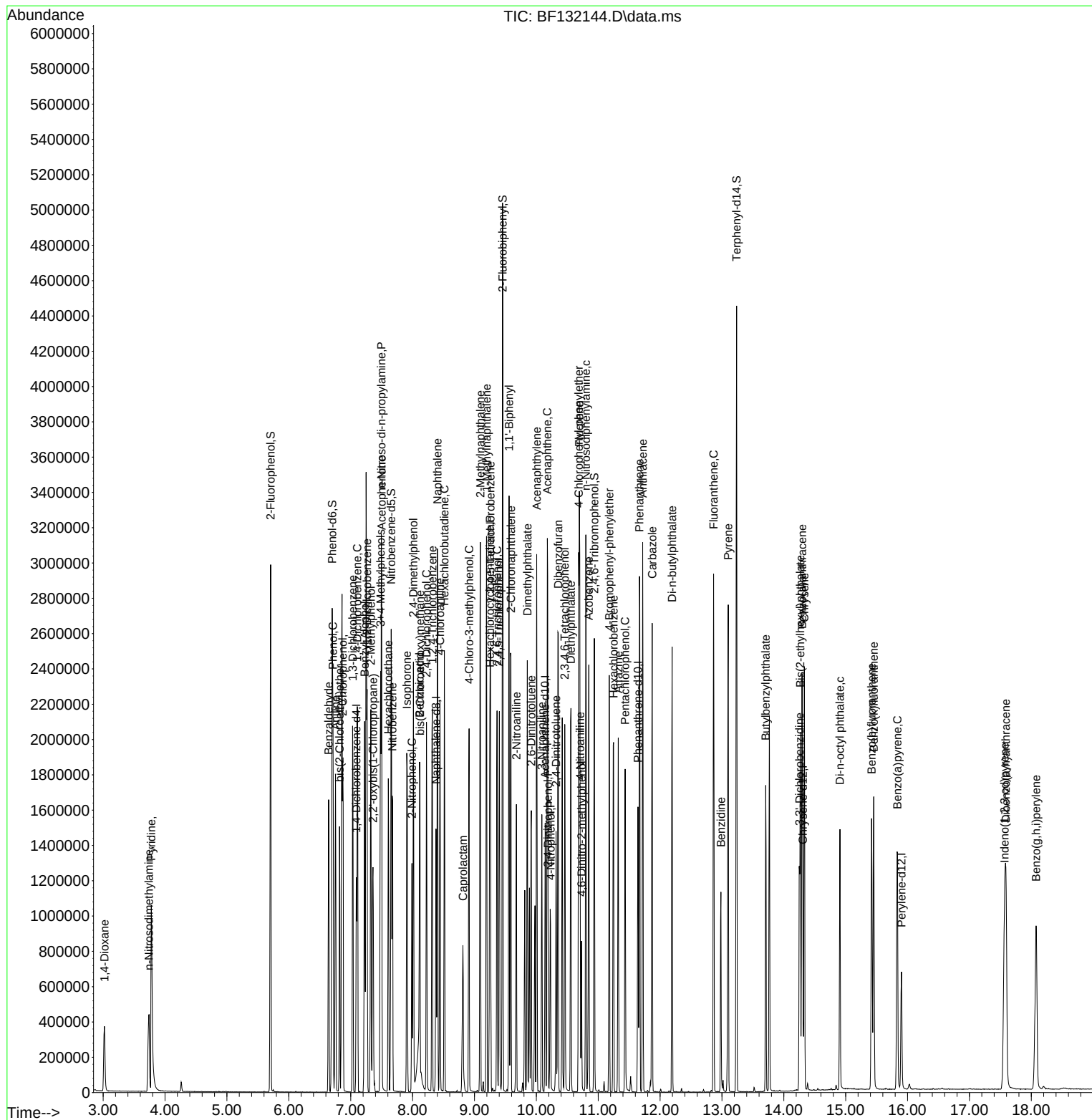
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Data File : BF132144.D  
Acq On    : 19 Jan 2023   13:32  
Operator  : CG\JU  
Sample    : SSTD1CCC040  
Misc      :  
ALS Vial  : 6   Sample Multiplier: 1
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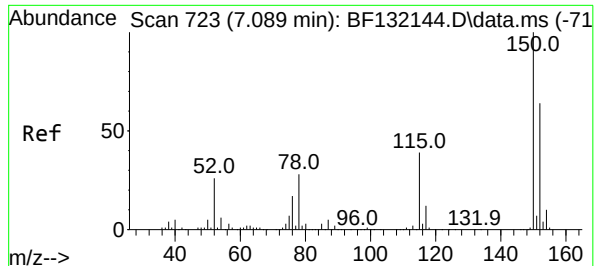
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations

Reviewed By :Christian Giraldo	01/20/2023
Supervised By :Jagrut Upadhyay	01/20/2023

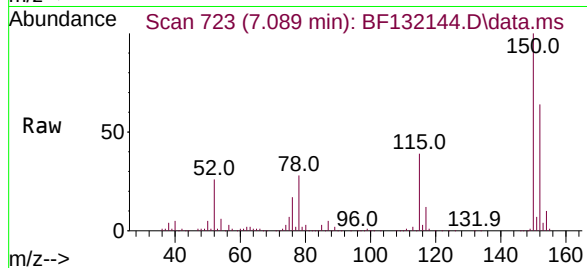
Quant Time: Jan 20 00:11:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 20 00:07:35 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.089 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

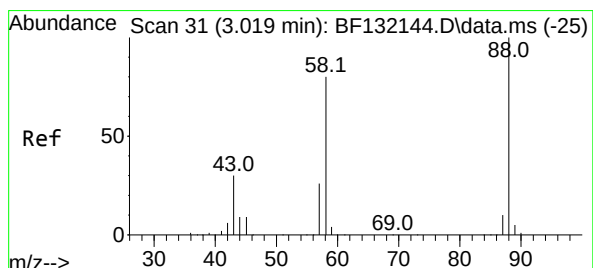
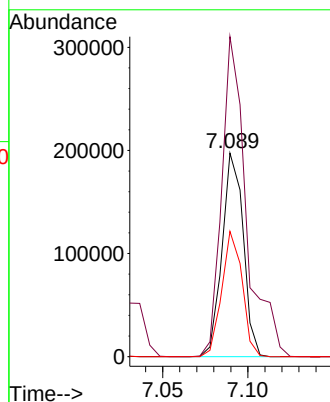
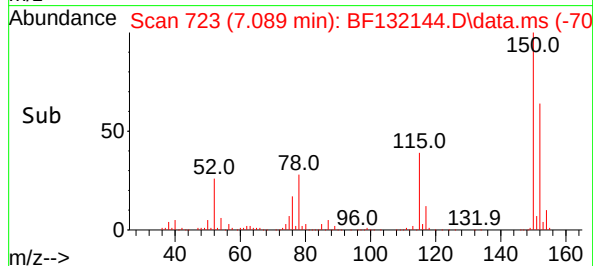
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:152 Resp: 16994
Ion Ratio Lower Upper
152 100
150 157.3 125.8 188.8
115 61.5 49.2 73.8

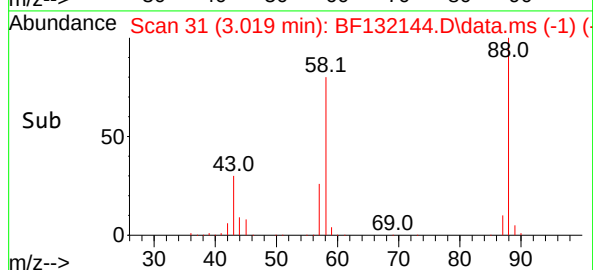
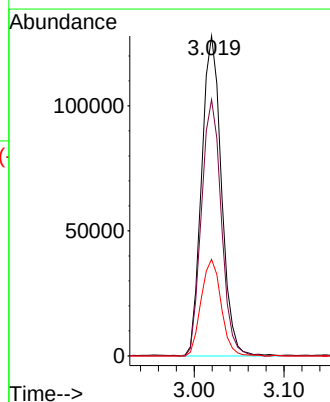
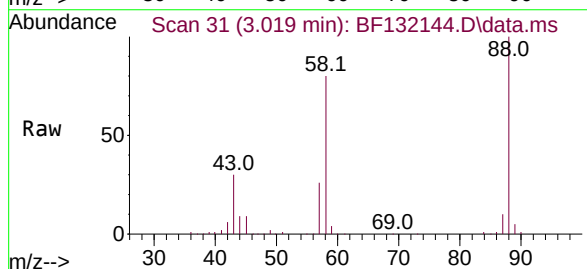
Manual Integrations
APPROVED

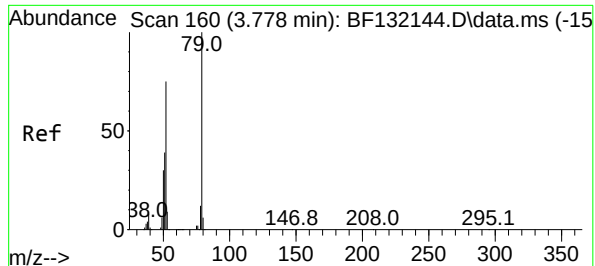
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#2
1,4-Dioxane
Concen: 39.966 ng
RT: 3.019 min Scan# 31
Delta R.T. 0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

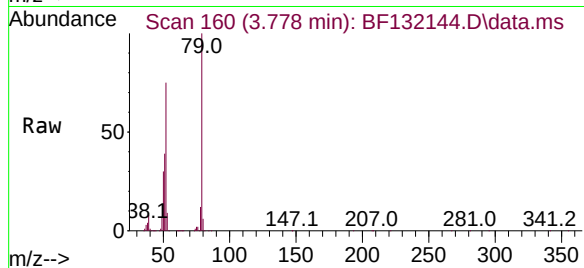
Tgt Ion: 88 Resp: 196981
Ion Ratio Lower Upper
88 100
58 80.0 64.0 96.0
43 30.3 24.2 36.4





#3
Pyridine
Concen: 40.260 ng
RT: 3.778 min Scan# 160
Delta R.T. 0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

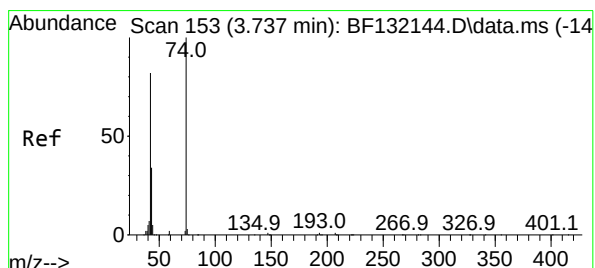
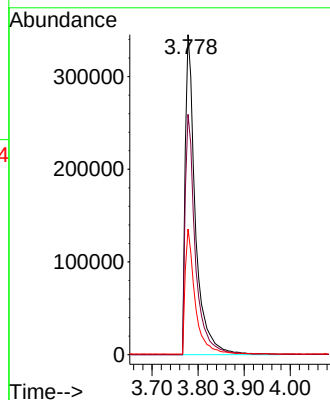
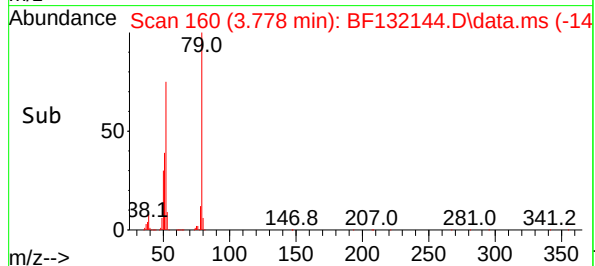
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion: 79 Resp: 532672
Ion Ratio Lower Upper
79 100
52 75.1 60.1 90.1
51 39.2 31.4 47.0

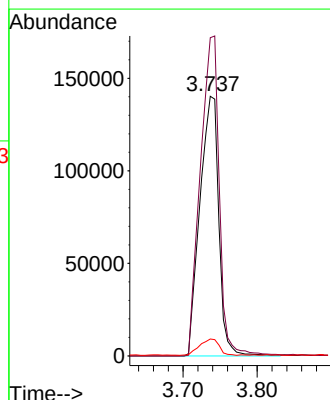
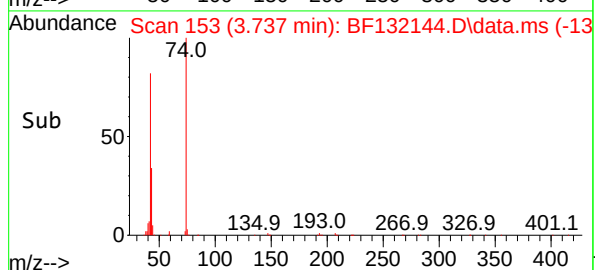
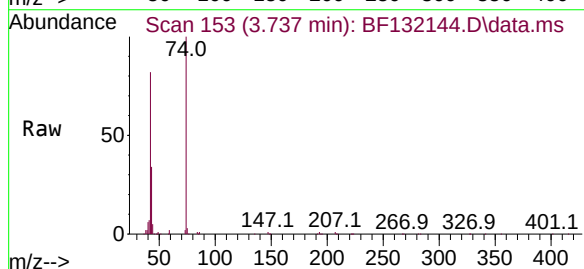
Manual Integrations
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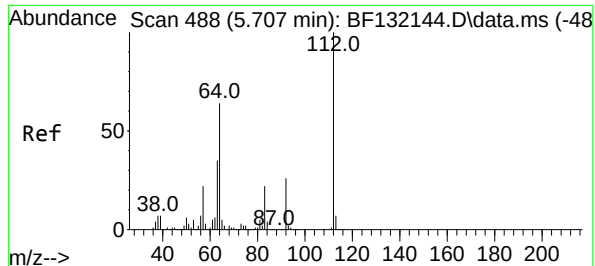
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#4
n-Nitrosodimethylamine
Concen: 39.894 ng
RT: 3.737 min Scan# 153
Delta R.T. 0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

Tgt Ion: 42 Resp: 248242
Ion Ratio Lower Upper
42 100
74 122.6 98.1 147.1
44 6.5 5.2 7.8





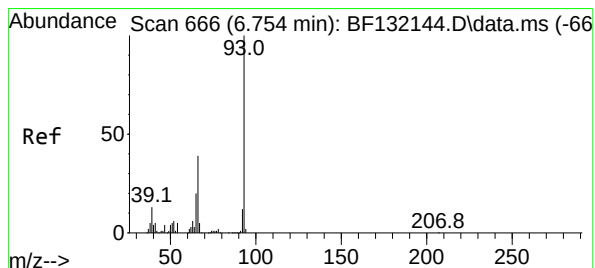
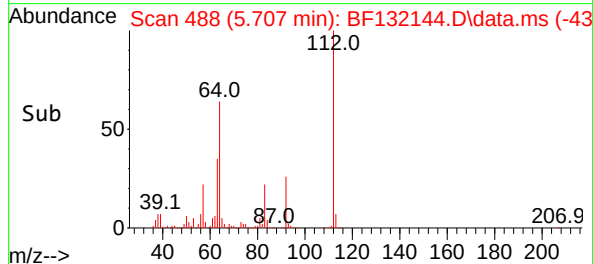
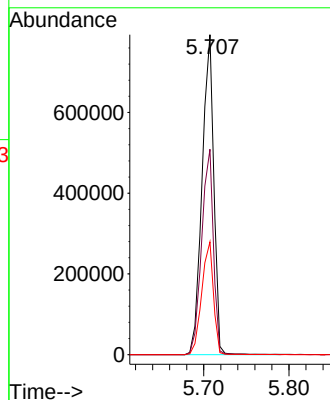
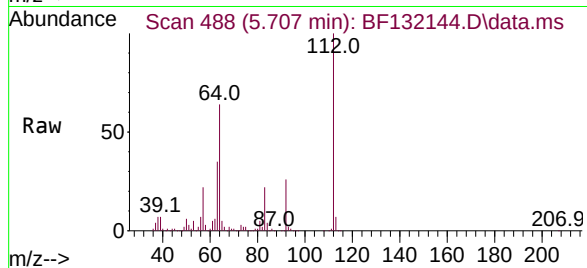
#5
2-Fluorophenol
Concen: 77.963 ng
RT: 5.707 min Scan# 488
Delta R.T. 0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 112 Resp: 75847
Ion Ratio Lower Upper
112 100
64 64.2 51.4 77.0
63 35.2 28.2 42.2

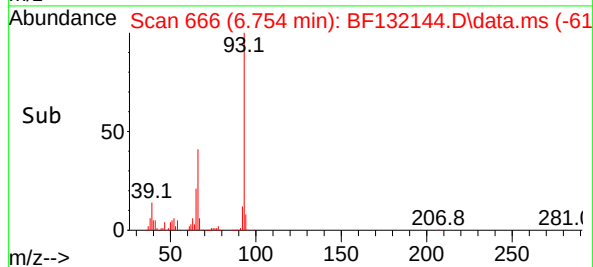
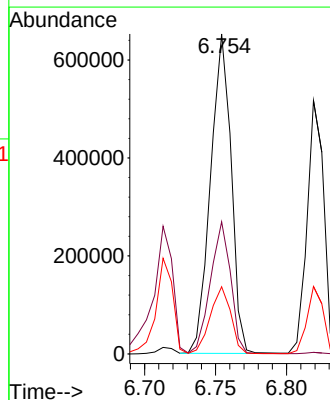
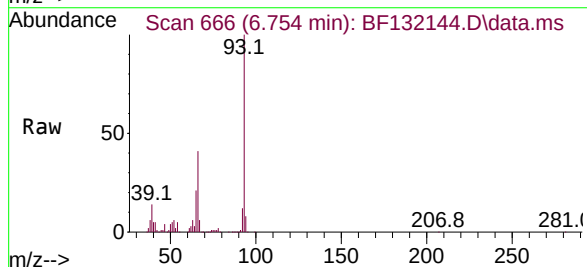
Manual Integrations
APPROVED

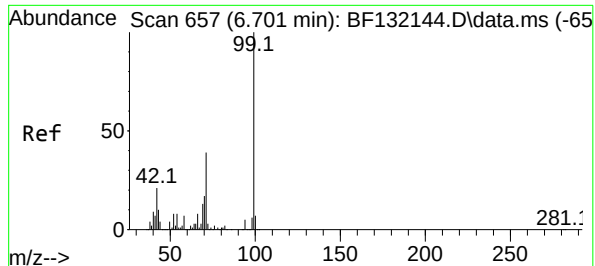
Reviewed By : Christian Giraldo 01/20/2023
Supervised By : Jagrut Upadhyay 01/20/2023



#6
Aniline
Concen: 38.655 ng
RT: 6.754 min Scan# 666
Delta R.T. 0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

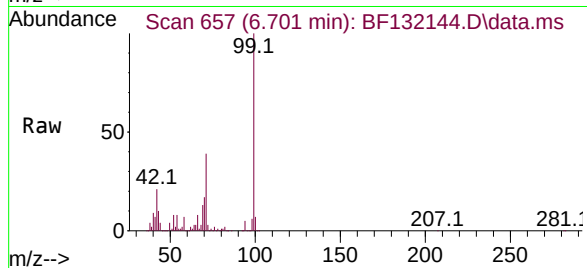
Tgt Ion: 93 Resp: 658318
Ion Ratio Lower Upper
93 100
66 41.3 33.0 49.6
65 21.0 16.8 25.2





#7
Phenol-d6
Concen: 77.950 ng
RT: 6.701 min Scan# 657
Delta R.T. 0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

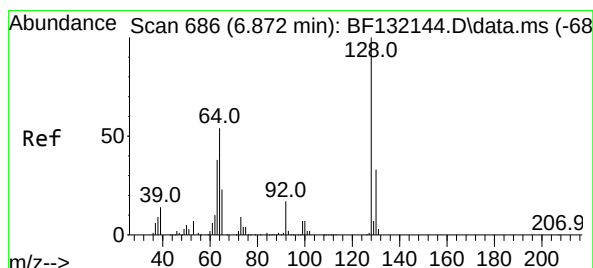
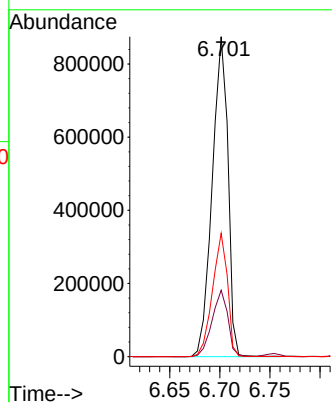
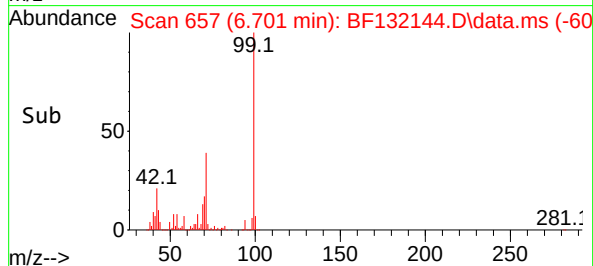
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion: 99 Resp: 954609
Ion Ratio Lower Upper
99 100
42 20.7 16.6 24.8
71 38.5 30.8 46.2

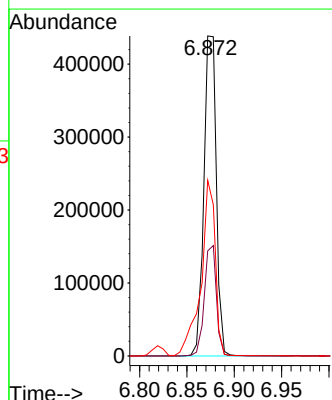
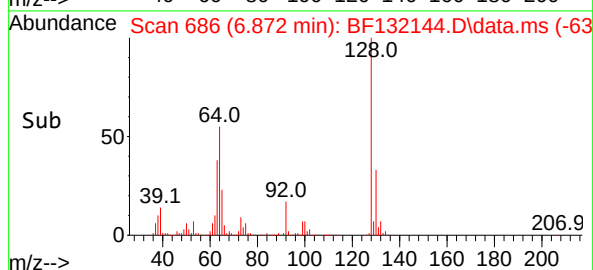
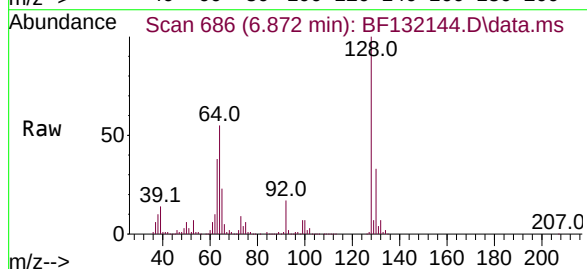
Manual Integrations
APPROVED

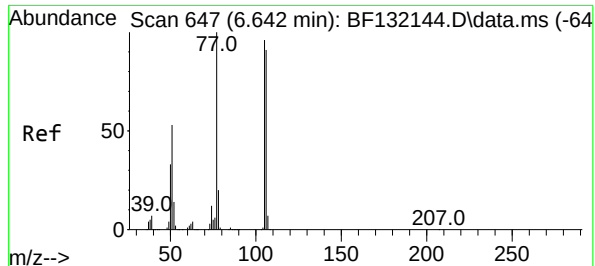
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#8
2-Chlorophenol
Concen: 39.335 ng
RT: 6.872 min Scan# 686
Delta R.T. 0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

Tgt Ion:128 Resp: 402247
Ion Ratio Lower Upper
128 100
130 32.8 12.8 52.8
64 54.8 34.8 74.8





#9

Benzaldehyde

Concen: 38.959 ng

RT: 6.642 min Scan# 647

Delta R.T. 0.000 min

Lab File: BF132144.D

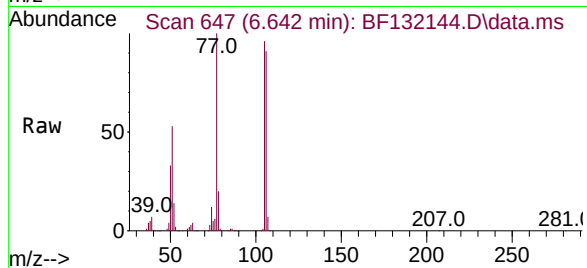
Acq: 19 Jan 2023 13:32

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

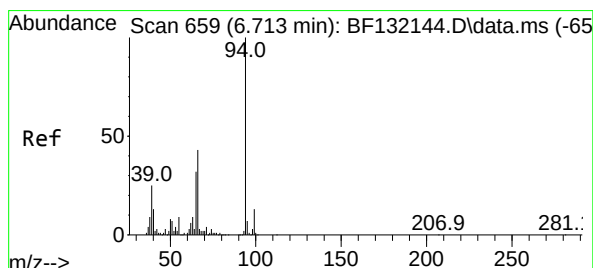
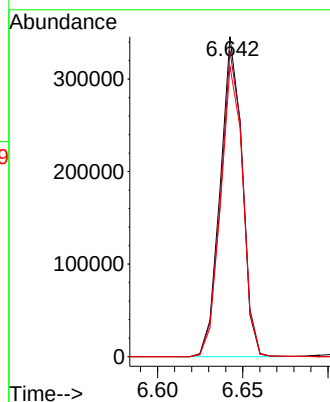
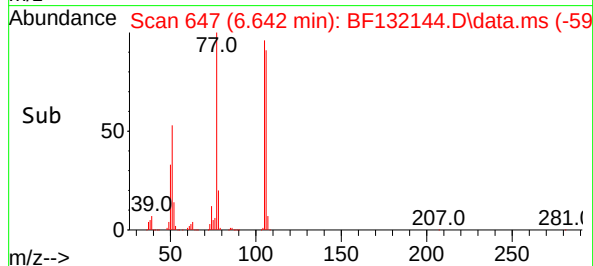


Tgt Ion: 77	Resp: 306944
Ion Ratio	Lower Upper
77 100	
105 95.5	75.5 115.5
106 90.7	70.7 110.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#10

Phenol

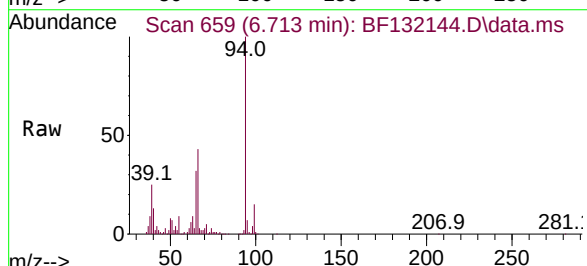
Concen: 39.129 ng

RT: 6.713 min Scan# 659

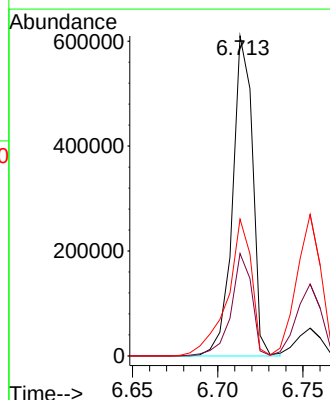
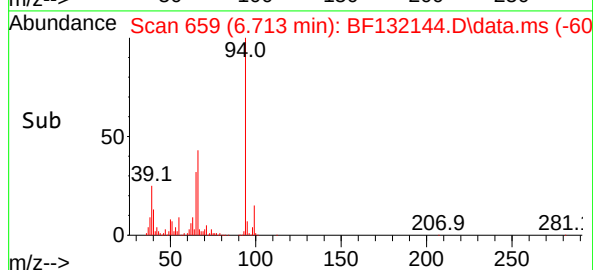
Delta R.T. 0.000 min

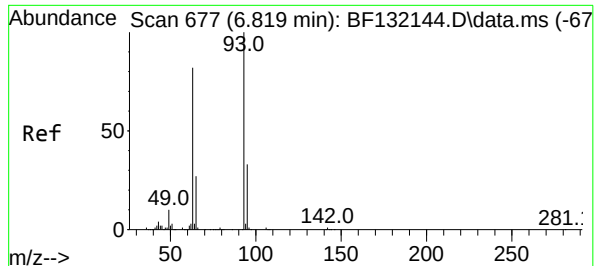
Lab File: BF132144.D

Acq: 19 Jan 2023 13:32



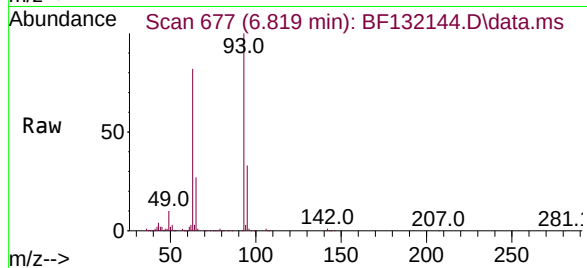
Tgt Ion: 94	Resp: 498859
Ion Ratio	Lower Upper
94 100	
65 32.0	12.0 52.0
66 42.7	22.7 62.7





#11
bis(2-Chloroethyl)ether
Concen: 38.930 ng
RT: 6.819 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

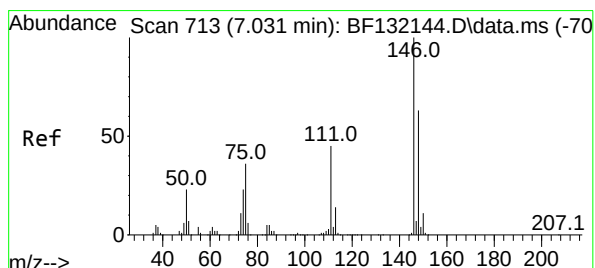
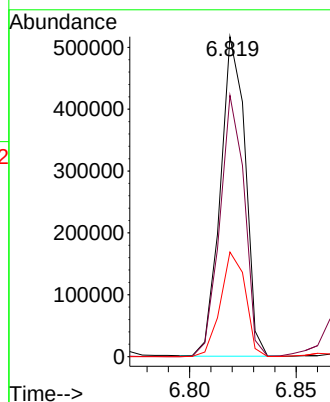
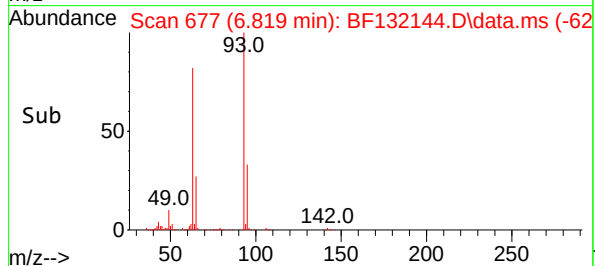
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



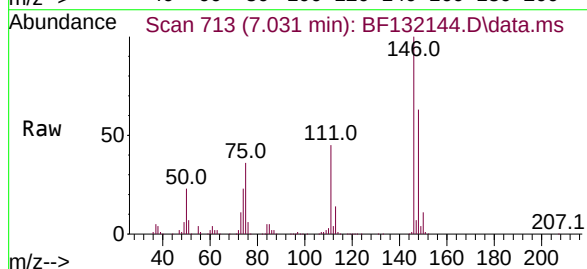
Tgt Ion: 93 Resp: 420156
Ion Ratio Lower Upper
93 100
63 81.6 61.6 101.6
95 32.7 12.7 52.7

Manual Integrations
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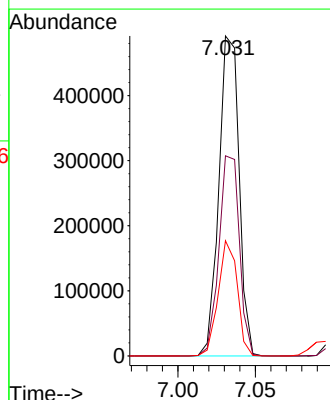
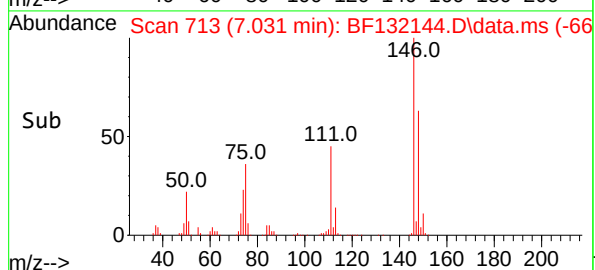
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

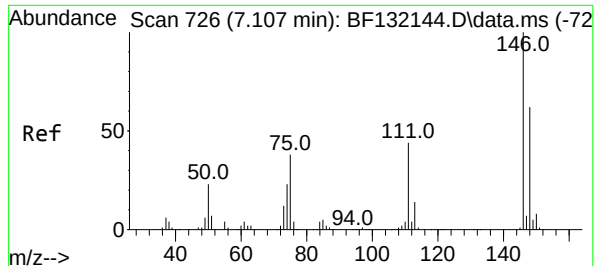


#12
1,3-Dichlorobenzene
Concen: 39.024 ng
RT: 7.031 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32



Tgt Ion:146 Resp: 446086
Ion Ratio Lower Upper
146 100
148 62.5 50.0 75.0
75 36.0 28.8 43.2





#13

1,4-Dichlorobenzene

Concen: 39.162 ng

RT: 7.107 min Scan# 726

Delta R.T. 0.000 min

Lab File: BF132144.D

Acq: 19 Jan 2023 13:32

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:146 Resp: 446695

Ion Ratio Lower Upper

146 100

148 62.4 49.9 74.9

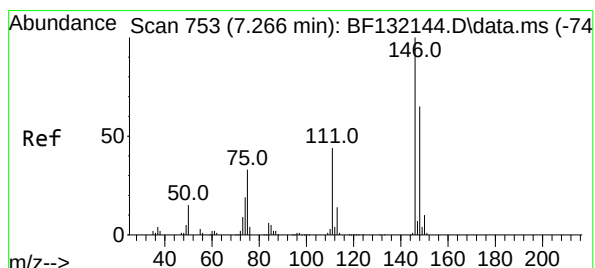
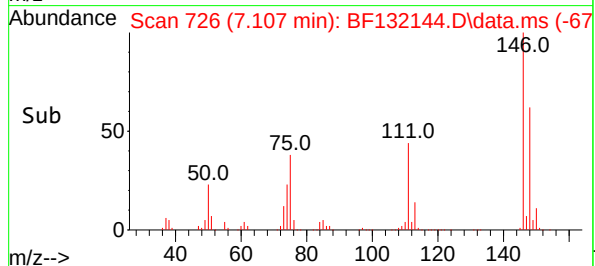
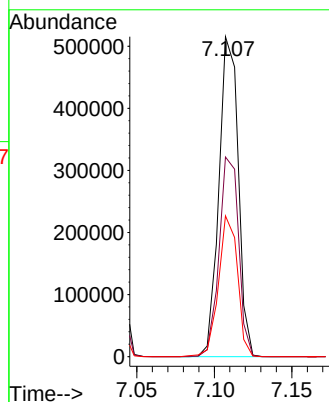
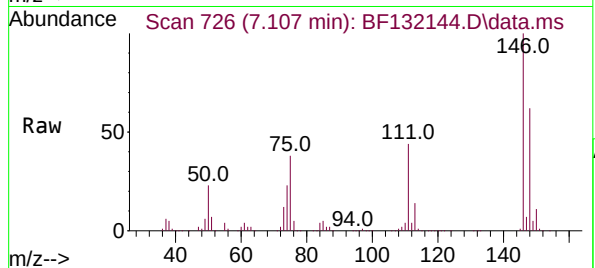
111 44.0 35.2 52.8

Manual Integrations

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#14

1,2-Dichlorobenzene

Concen: 38.665 ng

RT: 7.266 min Scan# 753

Delta R.T. 0.000 min

Lab File: BF132144.D

Acq: 19 Jan 2023 13:32

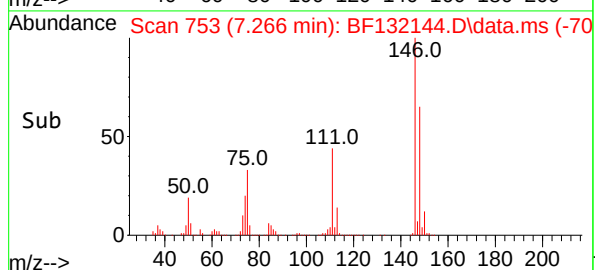
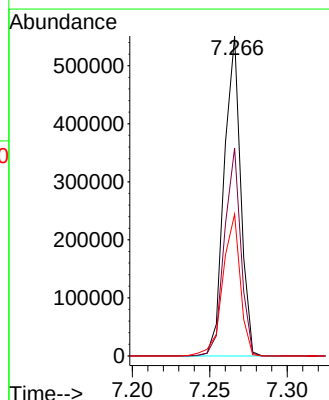
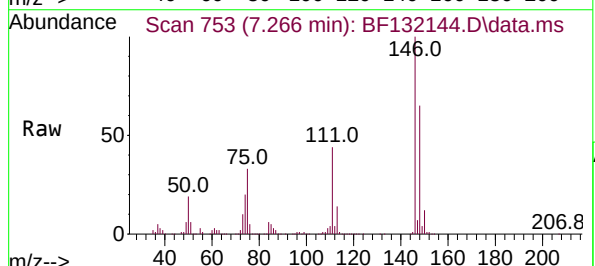
Tgt Ion:146 Resp: 407798

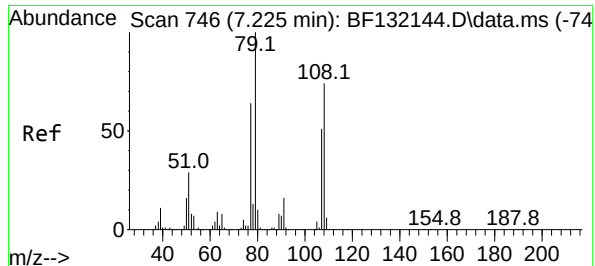
Ion Ratio Lower Upper

146 100

148 65.0 52.0 78.0

111 44.3 35.4 53.2





#15

Benzyl Alcohol

Concen: 39.591 ng

RT: 7.225 min Scan# 746

Delta R.T. 0.000 min

Lab File: BF132144.D

Acq: 19 Jan 2023 13:32

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 79 Resp: 375920

Ion Ratio Lower Upper

79 100

108 73.6 58.9 88.3

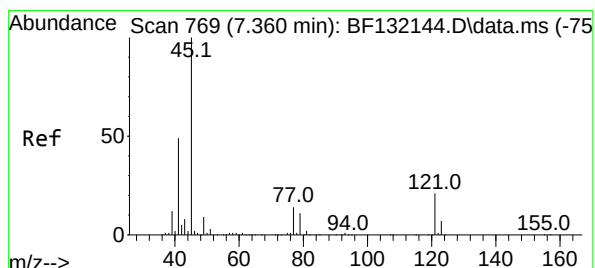
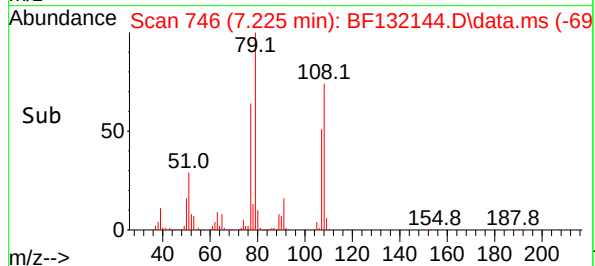
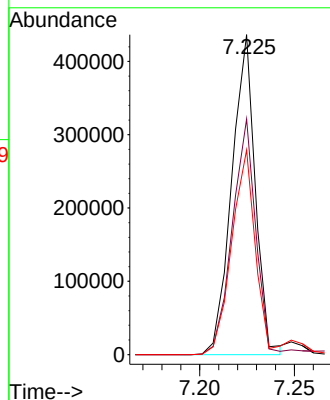
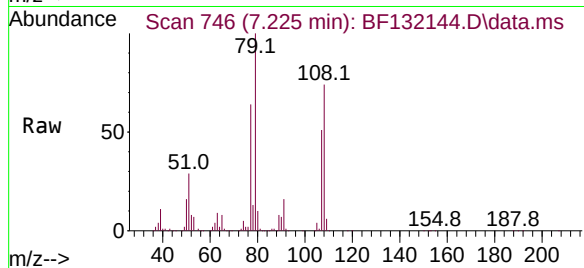
77 63.9 51.1 76.7

Manual Integrations

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.334 ng

RT: 7.360 min Scan# 769

Delta R.T. 0.000 min

Lab File: BF132144.D

Acq: 19 Jan 2023 13:32

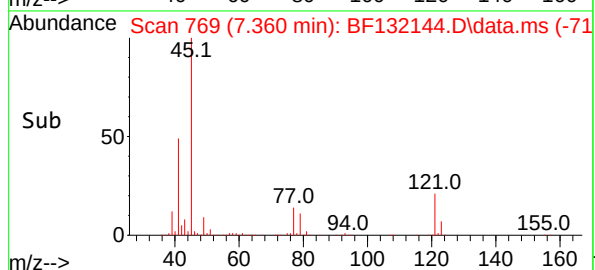
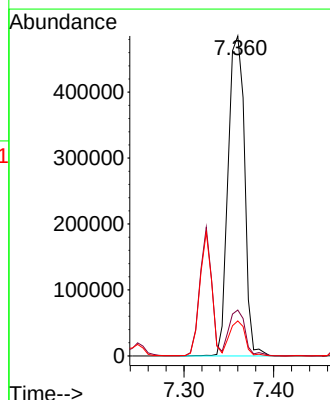
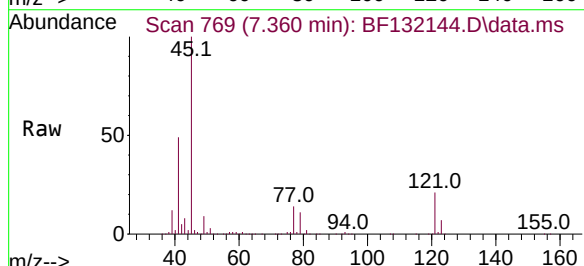
Tgt Ion: 45 Resp: 617002

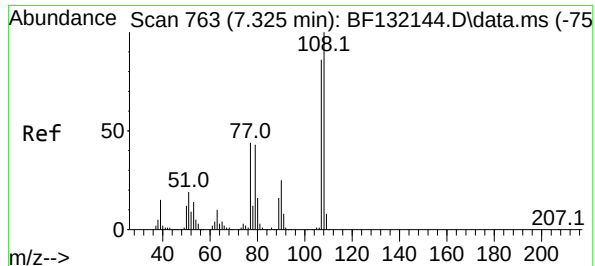
Ion Ratio Lower Upper

45 100

77 14.3 0.0 34.3

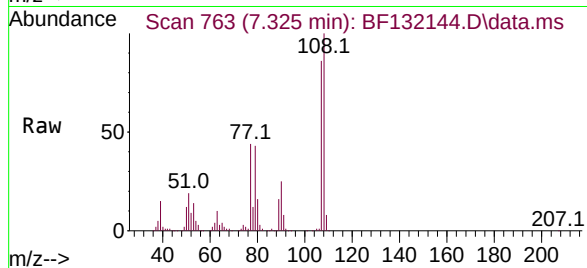
79 10.9 0.0 30.9





#17
2-Methylphenol
Concen: 39.530 ng
RT: 7.325 min Scan# 763
Delta R.T. -0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

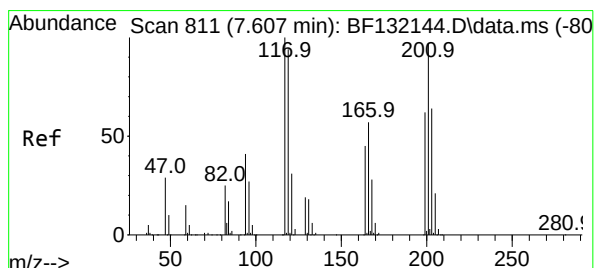
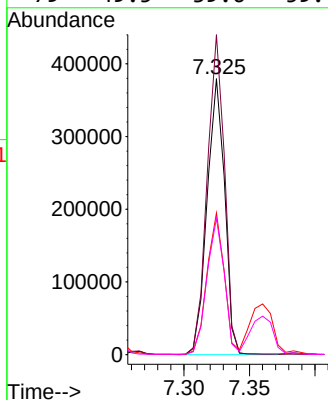
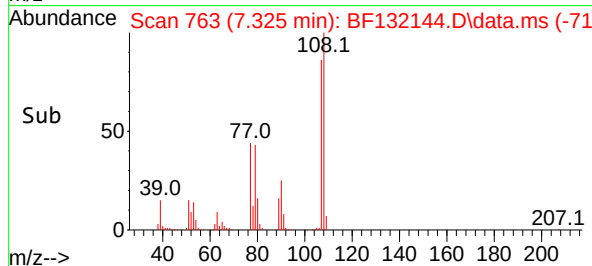
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:107 Resp: 354140
Ion Ratio Lower Upper
107 100
108 116.0 92.8 139.2
77 51.4 41.1 61.7
79 49.5 39.6 59.4

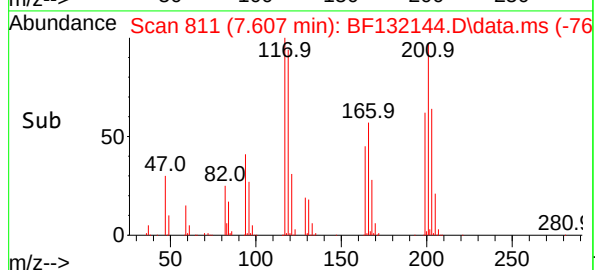
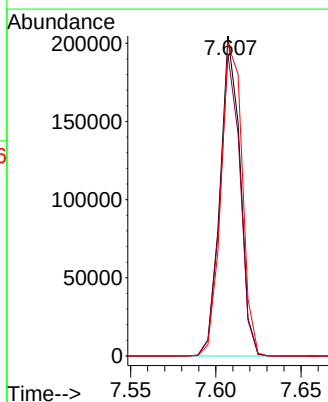
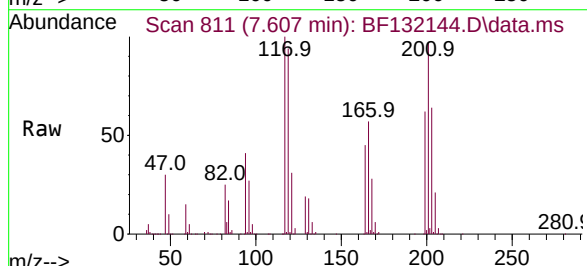
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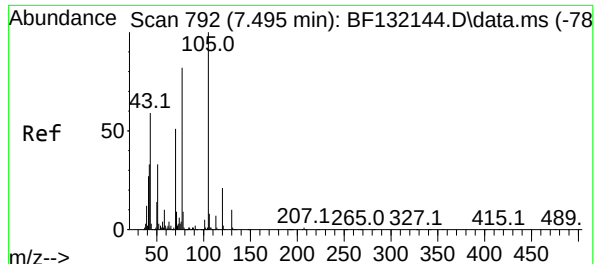
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#18
Hexachloroethane
Concen: 40.564 ng
RT: 7.607 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

Tgt Ion:117 Resp: 166087
Ion Ratio Lower Upper
117 100
119 94.2 75.4 113.0
201 97.4 77.9 116.9





#19

n-Nitroso-di-n-propylamine

Concen: 38.362 ng

RT: 7.495 min Scan# 792

Delta R.T. 0.000 min

Lab File: BF132144.D

Acq: 19 Jan 2023 13:32

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 287772

Ion Ratio Lower Upper

70 100

42 63.7 51.0 76.4

101 9.1 7.3 10.9

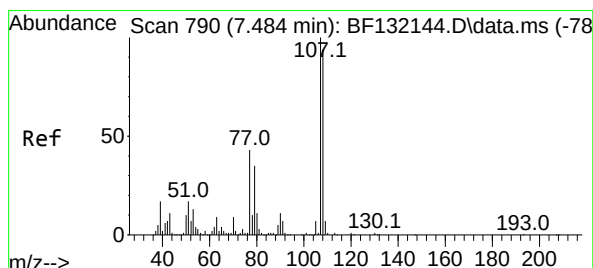
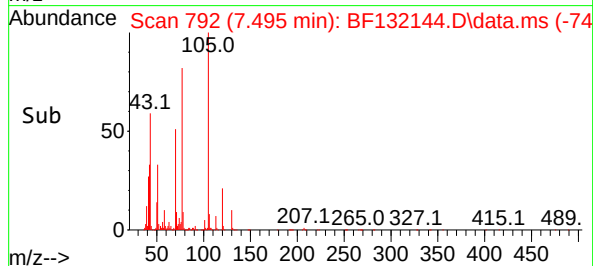
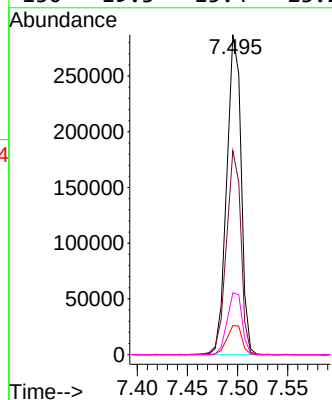
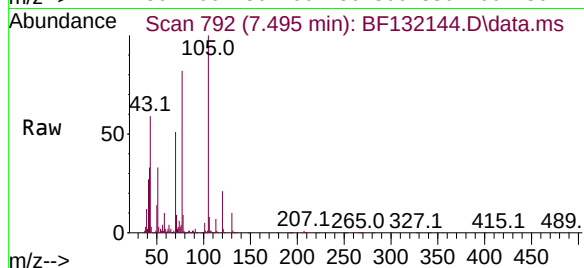
130 19.3 15.4 23.2

Manual Integrations

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#20

3+4-Methylphenols

Concen: 39.665 ng

RT: 7.484 min Scan# 790

Delta R.T. -0.000 min

Lab File: BF132144.D

Acq: 19 Jan 2023 13:32

Tgt Ion:107 Resp: 447769

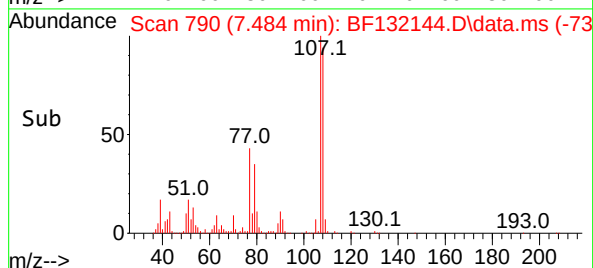
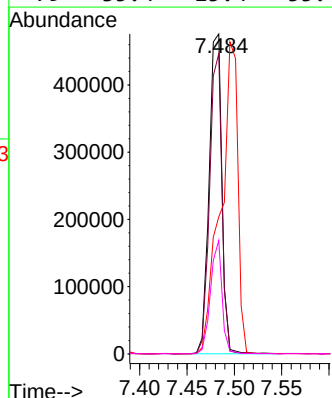
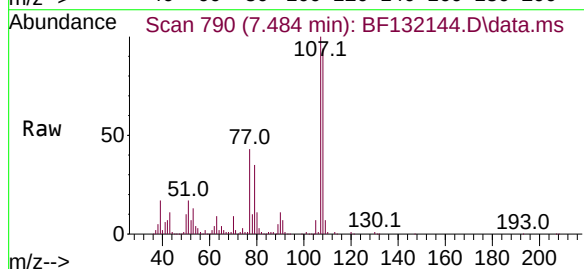
Ion Ratio Lower Upper

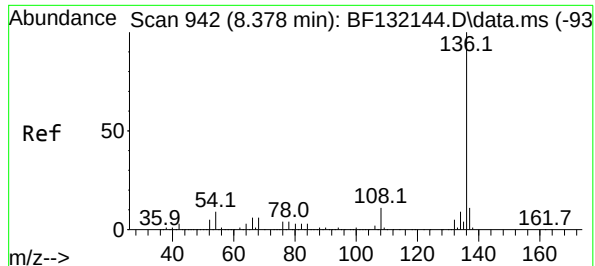
107 100

108 93.8 73.8 113.8

77 42.8 22.8 62.8

79 35.4 15.4 55.4





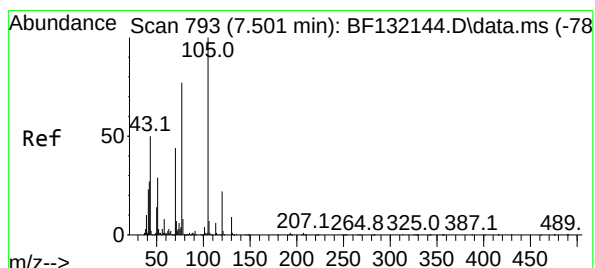
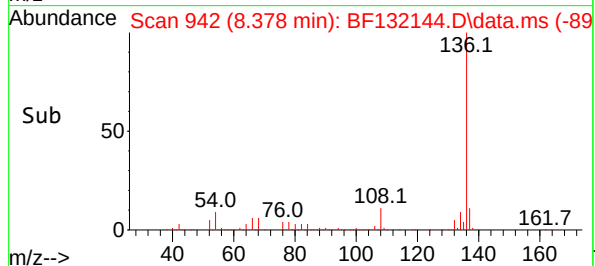
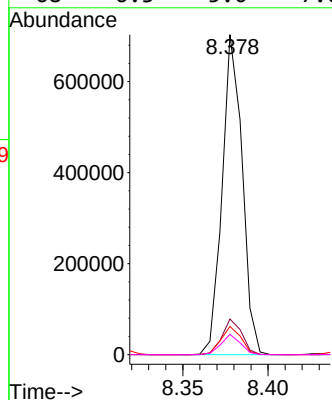
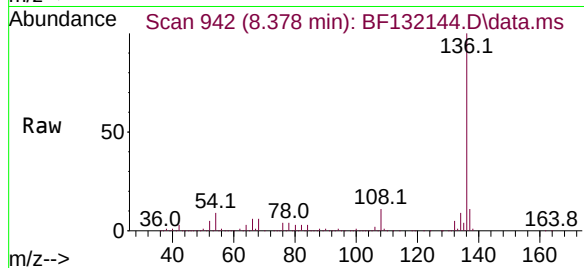
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.378 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:136 Resp: 574298
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.8 7.0 10.6
68 6.3 5.0 7.6

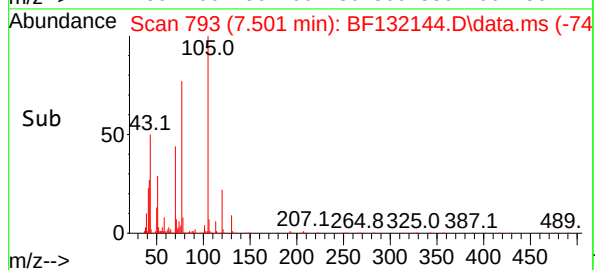
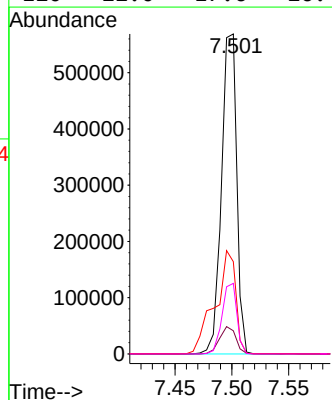
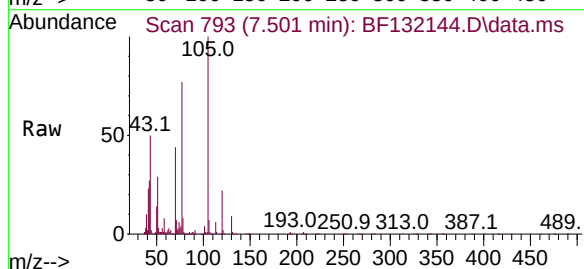
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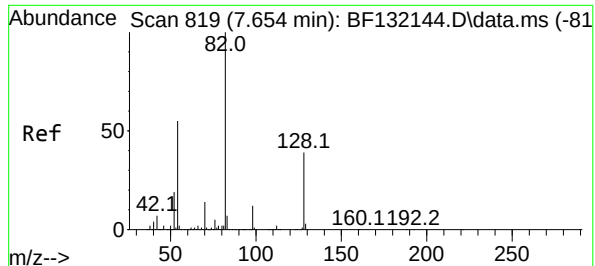
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#22
Acetophenone
Concen: 38.431 ng
RT: 7.501 min Scan# 793
Delta R.T. 0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

Tgt Ion:105 Resp: 530480
Ion Ratio Lower Upper
105 100
71 7.2 5.8 8.6
51 28.8 23.0 34.6
120 22.0 17.6 26.4





#23

Nitrobenzene-d5

Concen: 81.464 ng

RT: 7.654 min Scan# 819

Delta R.T. 0.000 min

Lab File: BF132144.D

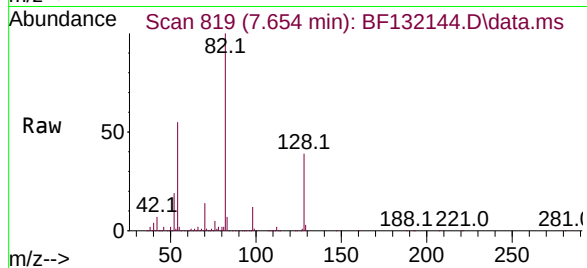
Acq: 19 Jan 2023 13:32

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion: 82 Resp: 880688

Ion Ratio Lower Upper

82 100

128 38.9 31.1 46.7

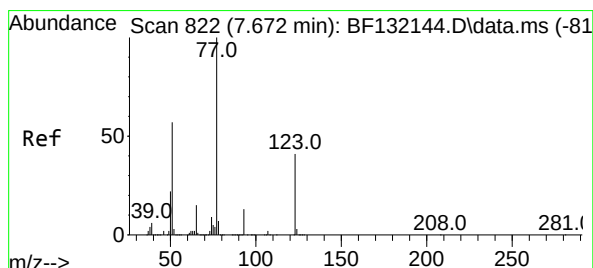
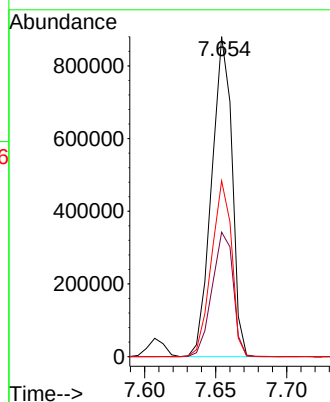
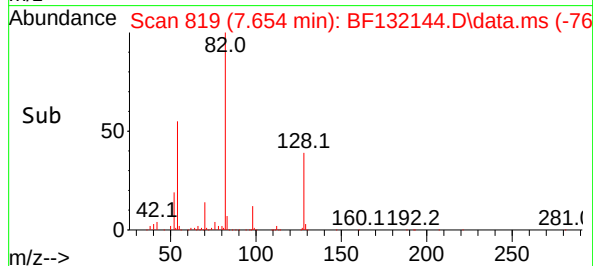
54 54.9 43.9 65.9

Manual Integrations

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#24

Nitrobenzene

Concen: 40.748 ng

RT: 7.672 min Scan# 822

Delta R.T. -0.000 min

Lab File: BF132144.D

Acq: 19 Jan 2023 13:32

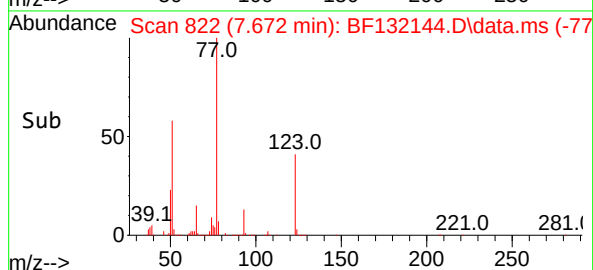
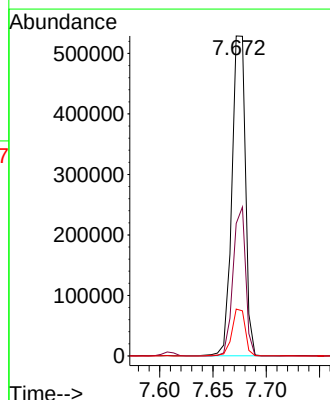
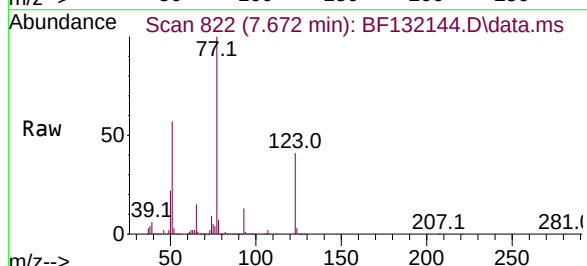
Tgt Ion: 77 Resp: 466421

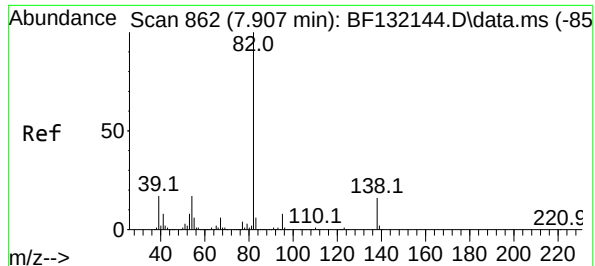
Ion Ratio Lower Upper

77 100

123 41.4 33.1 49.7

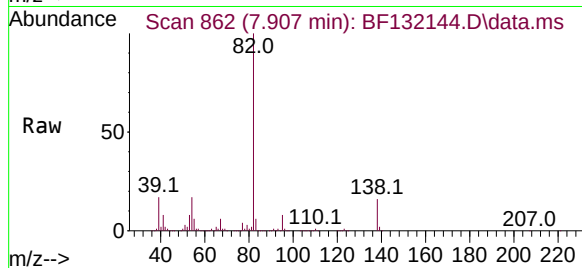
65 14.6 11.7 17.5





#25
Isophorone
Concen: 39.035 ng
RT: 7.907 min Scan# 862
Delta R.T. 0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

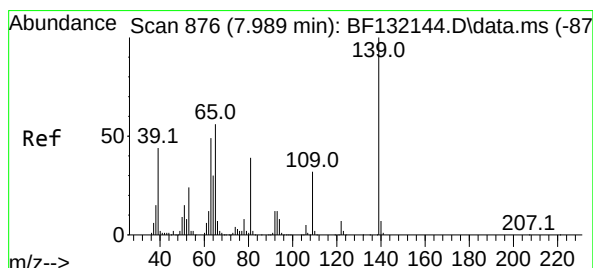
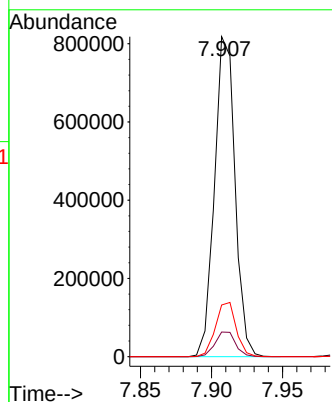
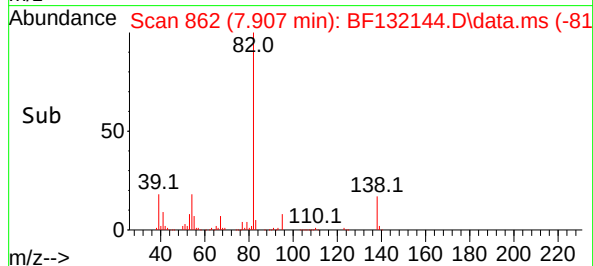
Instrument :
BNA_F
Client Sample Id :
SSTDICCC040



Tgt Ion: 82 Resp: 825701
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.2
138 16.1 12.9 19.3

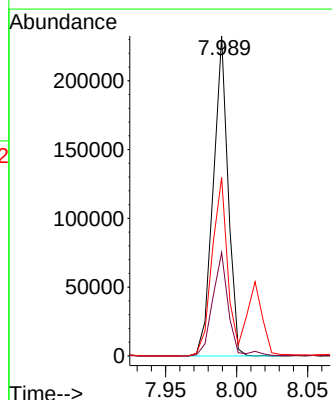
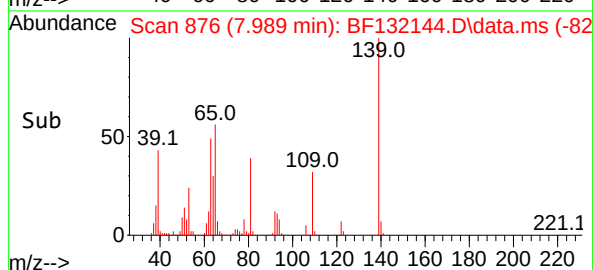
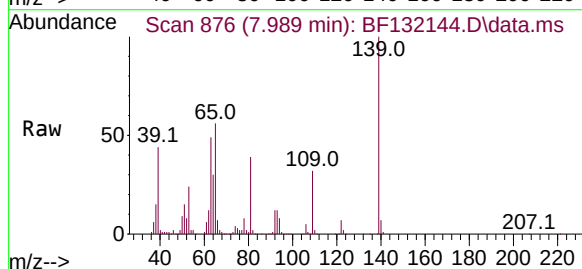
Manual Integrations
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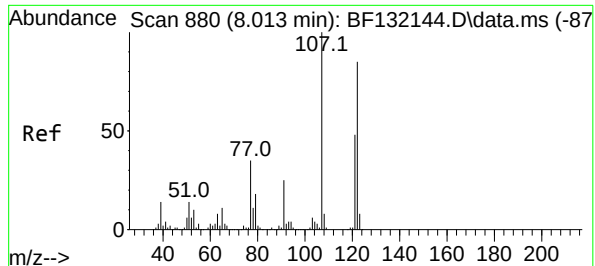
Reviewed By : Christian Giraldo 01/20/2023
Supervised By : Jagrut Upadhyay 01/20/2023



#26
2-Nitrophenol
Concen: 42.583 ng
RT: 7.989 min Scan# 876
Delta R.T. 0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

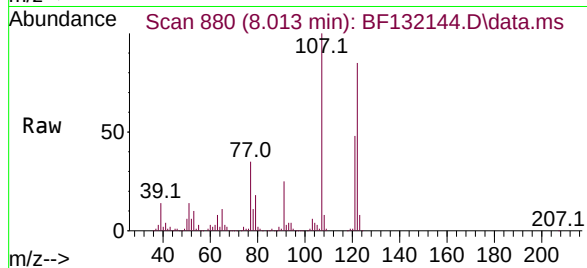
Tgt Ion: 139 Resp: 169914
Ion Ratio Lower Upper
139 100
109 32.3 25.8 38.8
65 55.7 44.6 66.8





#27
2,4-Dimethylphenol
Concen: 40.420 ng
RT: 8.013 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

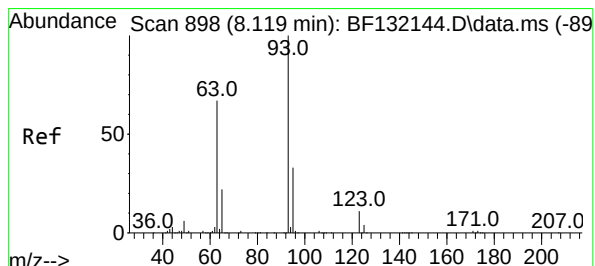
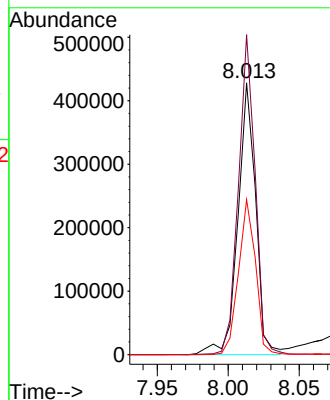
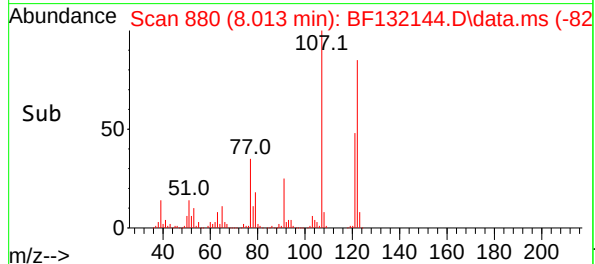
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:122 Resp: 369954
Ion Ratio Lower Upper
122 100
107 117.8 94.2 141.4
121 57.0 45.6 68.4

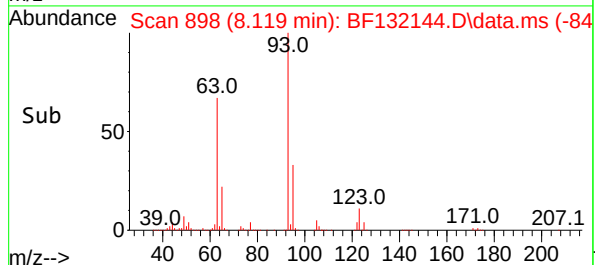
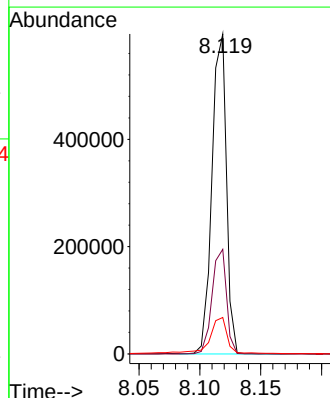
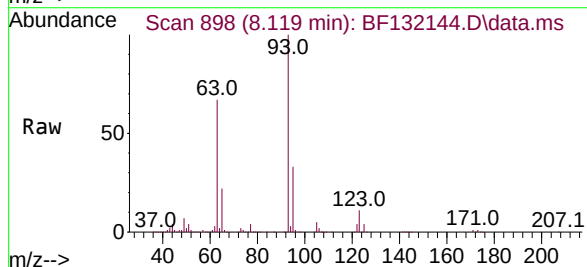
Manual Integrations
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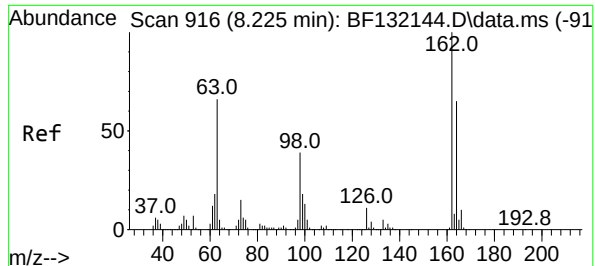
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#28
bis(2-Chloroethoxy)methane
Concen: 38.931 ng
RT: 8.119 min Scan# 898
Delta R.T. -0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

Tgt Ion: 93 Resp: 494081
Ion Ratio Lower Upper
93 100
95 32.7 26.2 39.2
123 11.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 40.824 ng

RT: 8.225 min Scan# 916

Delta R.T. -0.000 min

Lab File: BF132144.D

Acq: 19 Jan 2023 13:32

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:162 Resp: 354739

Ion Ratio Lower Upper

162 100

164 64.7 44.7 84.7

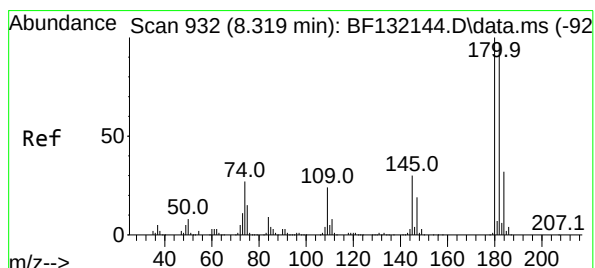
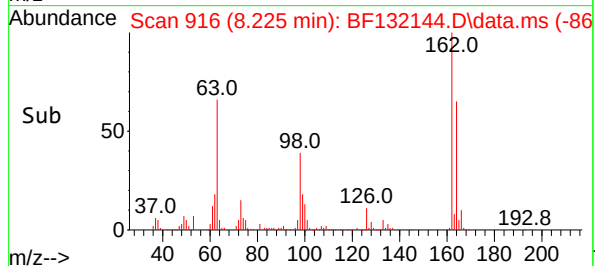
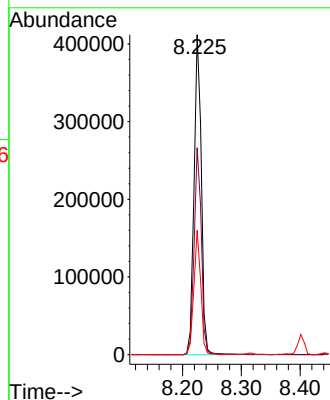
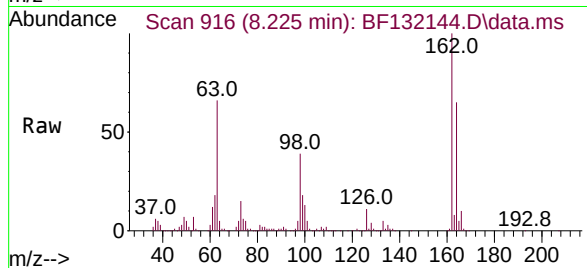
98 38.8 18.8 58.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#30

1,2,4-Trichlorobenzene

Concen: 39.372 ng

RT: 8.319 min Scan# 932

Delta R.T. 0.000 min

Lab File: BF132144.D

Acq: 19 Jan 2023 13:32

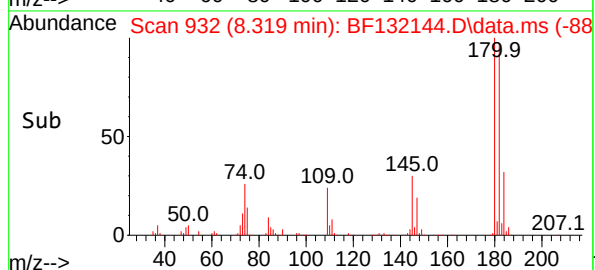
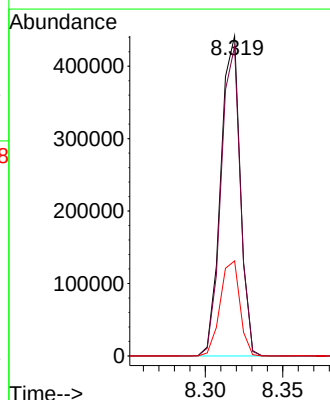
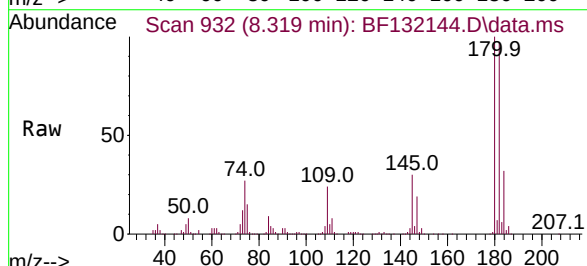
Tgt Ion:180 Resp: 388596

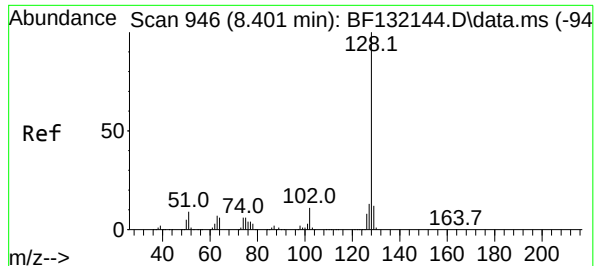
Ion Ratio Lower Upper

180 100

182 96.7 77.4 116.0

145 29.7 23.8 35.6





#31

Naphthalene

Concen: 38.878 ng

RT: 8.401 min Scan# 946

Delta R.T. 0.000 min

Lab File: BF132144.D

Acq: 19 Jan 2023 13:32

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:128 Resp: 1146683

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

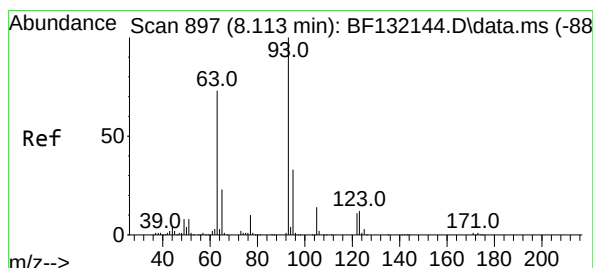
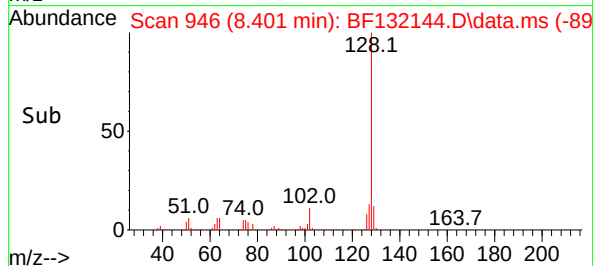
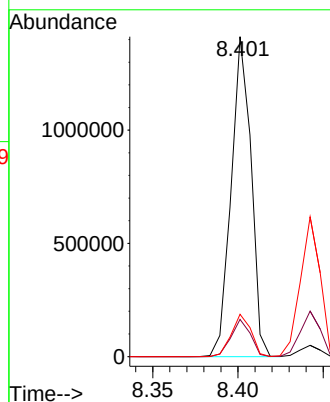
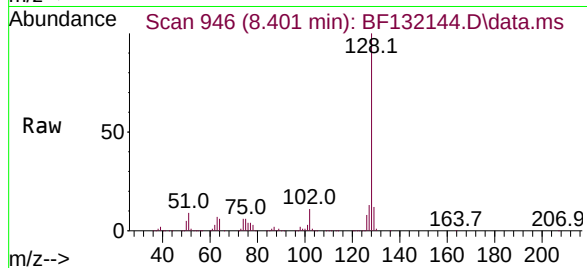
127 13.2 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#32

Benzoic acid

Concen: 40.096 ng

RT: 8.113 min Scan# 897

Delta R.T. -0.000 min

Lab File: BF132144.D

Acq: 19 Jan 2023 13:32

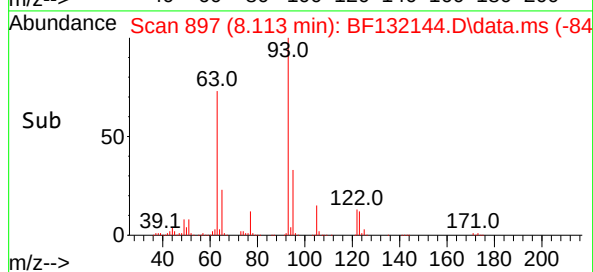
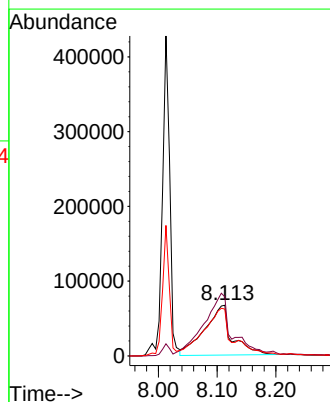
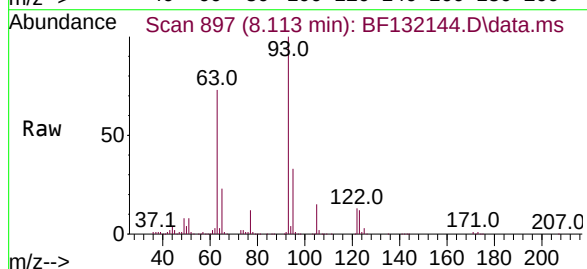
Tgt Ion:122 Resp: 215433

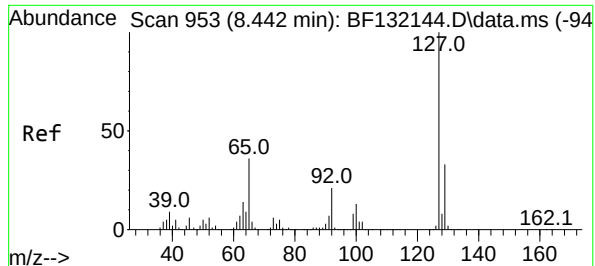
Ion Ratio Lower Upper

122 100

105 116.8 96.8 136.8

77 92.5 72.5 112.5





#33

4-Chloroaniline

Concen: 39.724 ng

RT: 8.442 min Scan# 953

Delta R.T. 0.000 min

Lab File: BF132144.D

Acq: 19 Jan 2023 13:32

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:127 Resp: 501389

Ion Ratio Lower Upper

127 100

129 32.5 26.0 39.0

65 35.5 28.4 42.6

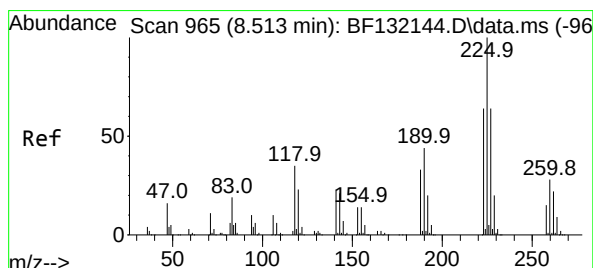
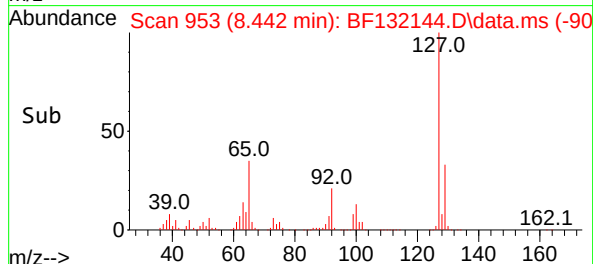
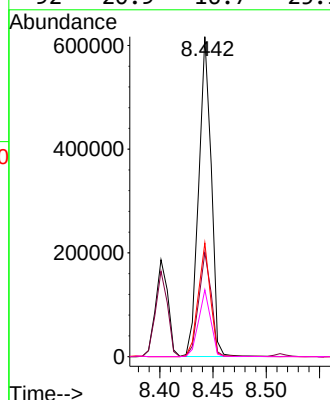
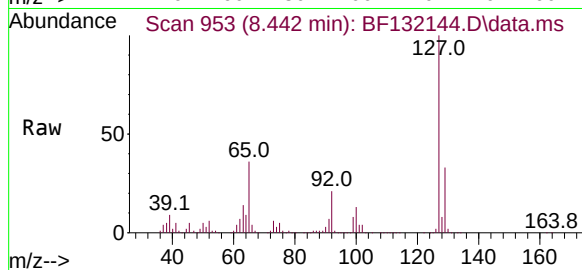
92 20.9 16.7 25.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#34

Hexachlorobutadiene

Concen: 39.327 ng

RT: 8.513 min Scan# 965

Delta R.T. 0.000 min

Lab File: BF132144.D

Acq: 19 Jan 2023 13:32

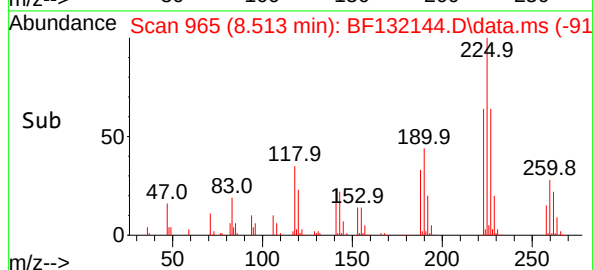
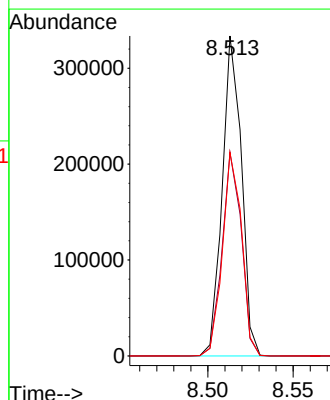
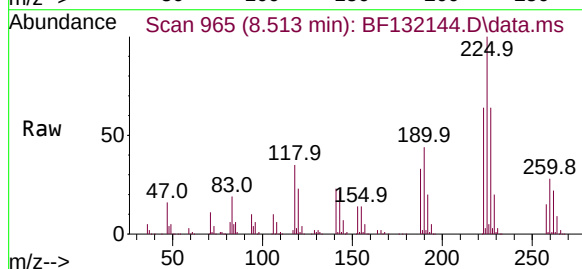
Tgt Ion:225 Resp: 260748

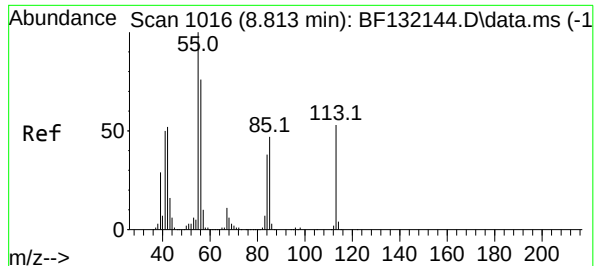
Ion Ratio Lower Upper

225 100

223 63.6 50.9 76.3

227 63.5 50.8 76.2





#35

Caprolactam

Concen: 42.217 ng

RT: 8.813 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BF132144.D

Acq: 19 Jan 2023 13:32

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:113 Resp: 10383

Ion Ratio Lower Upper

113 100

55 187.5 167.5 207.5

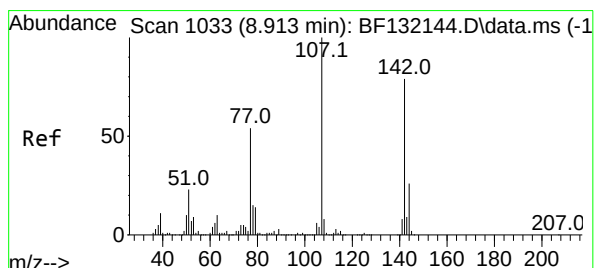
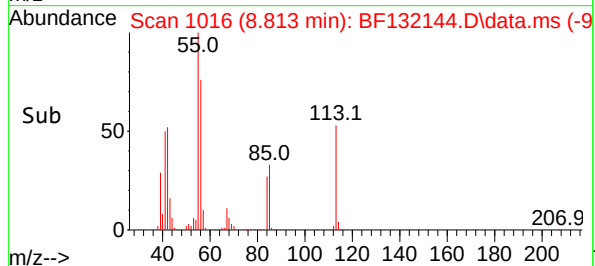
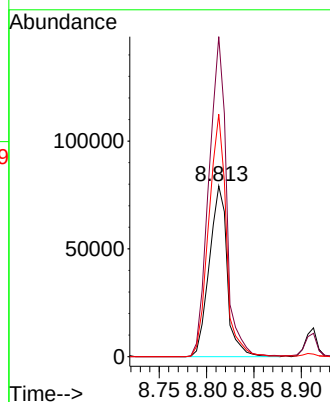
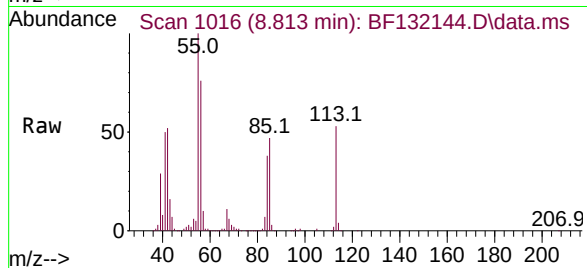
56 142.0 122.0 162.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#36

4-Chloro-3-methylphenol

Concen: 40.548 ng

RT: 8.913 min Scan# 1033

Delta R.T. 0.000 min

Lab File: BF132144.D

Acq: 19 Jan 2023 13:32

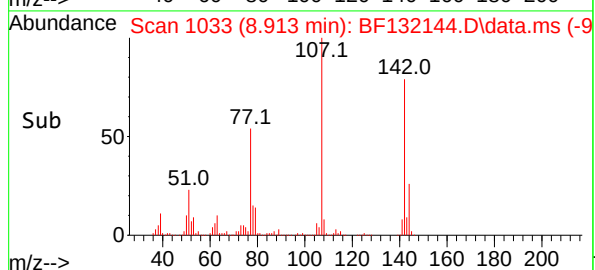
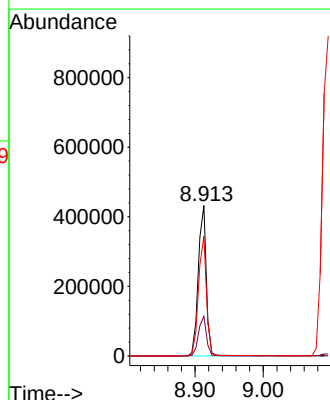
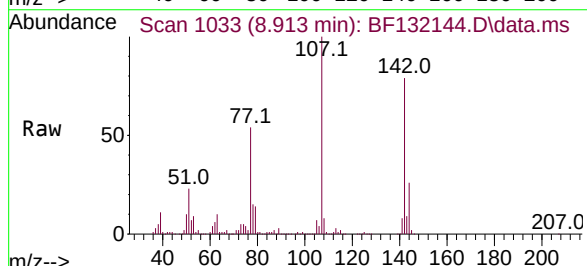
Tgt Ion:107 Resp: 354572

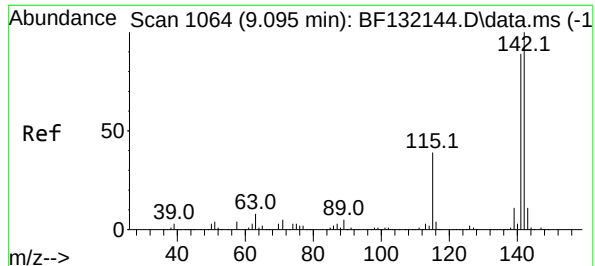
Ion Ratio Lower Upper

107 100

144 26.2 21.0 31.4

142 79.5 63.6 95.4





#37

2-Methylnaphthalene

Concen: 38.690 ng

RT: 9.095 min Scan# 1064

Delta R.T. 0.000 min

Lab File: BF132144.D

Acq: 19 Jan 2023 13:32

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:142 Resp: 785673

Ion Ratio Lower Upper

142 100

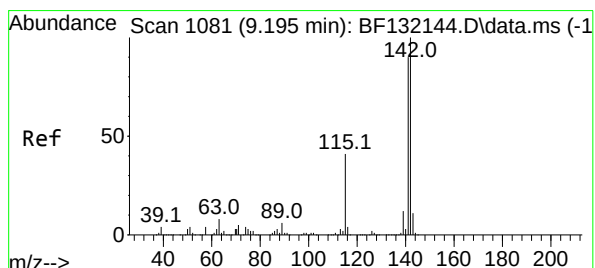
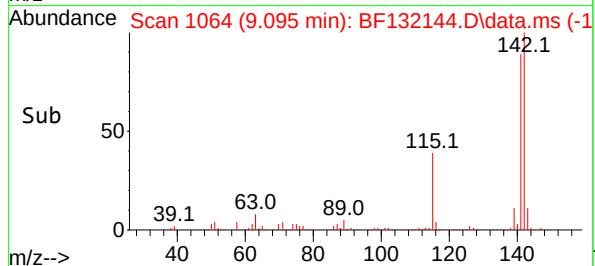
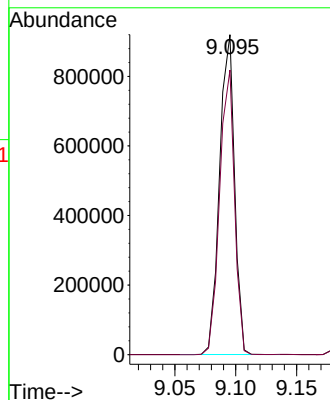
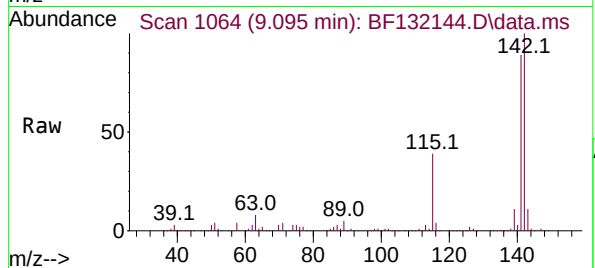
141 88.9 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#38

1-Methylnaphthalene

Concen: 38.764 ng

RT: 9.195 min Scan# 1081

Delta R.T. 0.000 min

Lab File: BF132144.D

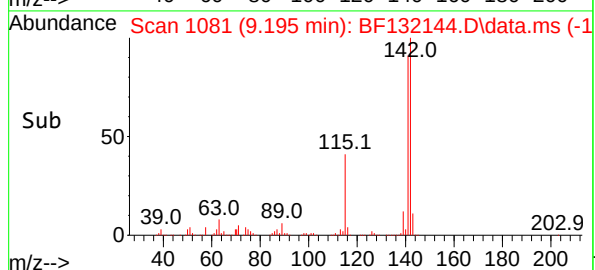
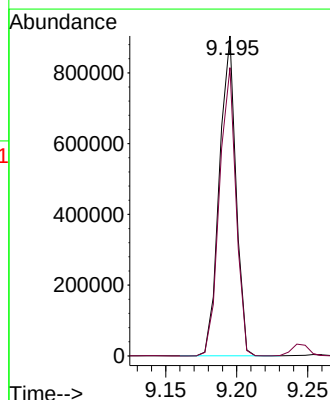
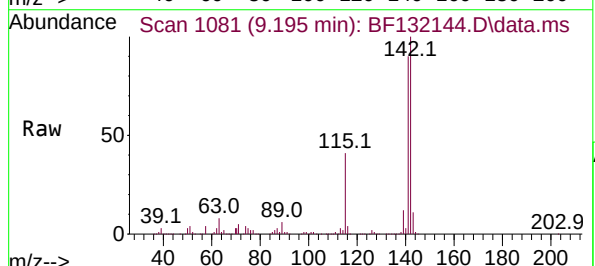
Acq: 19 Jan 2023 13:32

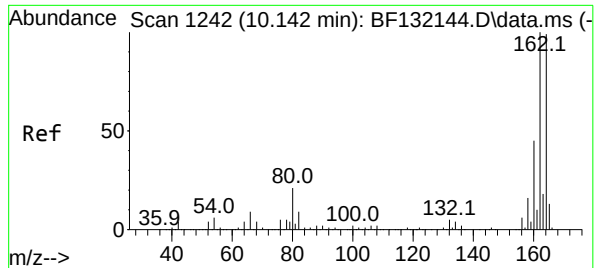
Tgt Ion:142 Resp: 732441

Ion Ratio Lower Upper

142 100

141 90.1 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.142 min Scan# 1242

Delta R.T. 0.000 min

Lab File: BF132144.D

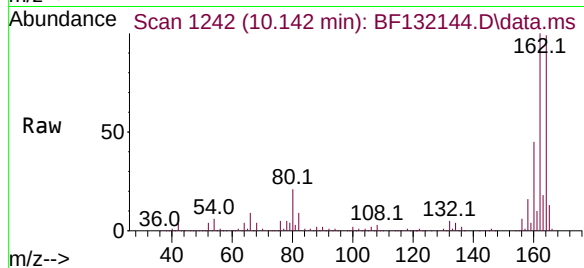
Acq: 19 Jan 2023 13:32

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:164 Resp: 299783

Ion Ratio Lower Upper

164 100

162 101.5 81.2 121.8

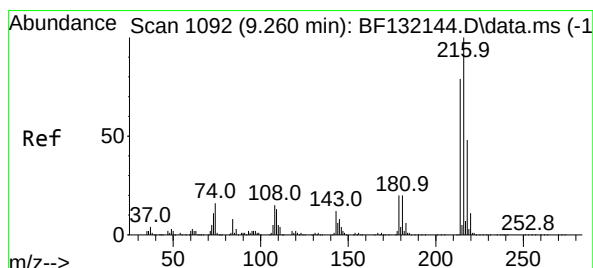
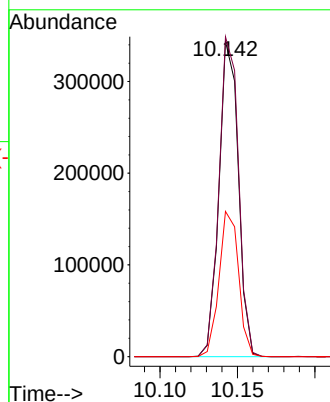
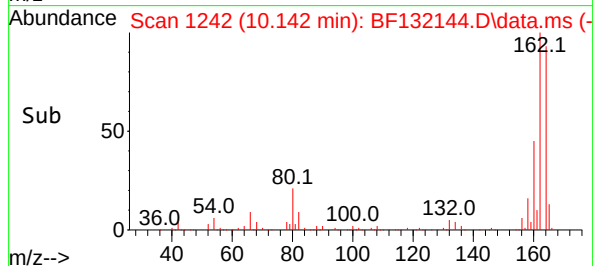
160 46.1 36.9 55.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.314 ng

RT: 9.260 min Scan# 1092

Delta R.T. 0.000 min

Lab File: BF132144.D

Acq: 19 Jan 2023 13:32

Tgt Ion:216 Resp: 410056

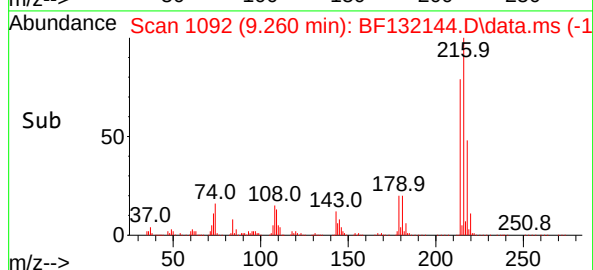
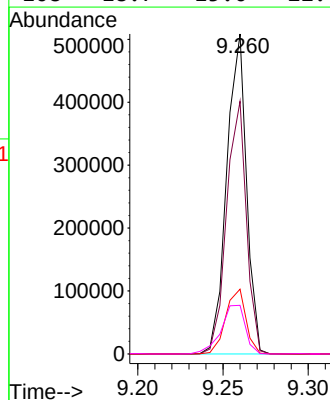
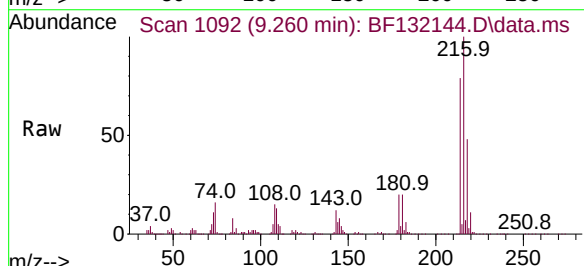
Ion Ratio Lower Upper

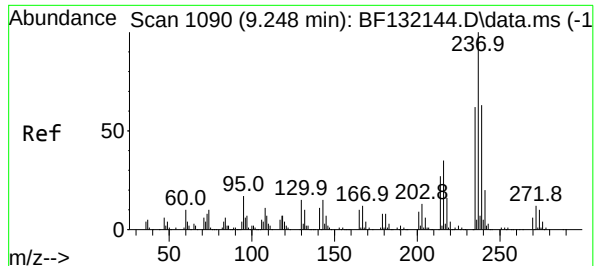
216 100

214 78.9 63.1 94.7

179 20.7 16.6 24.8

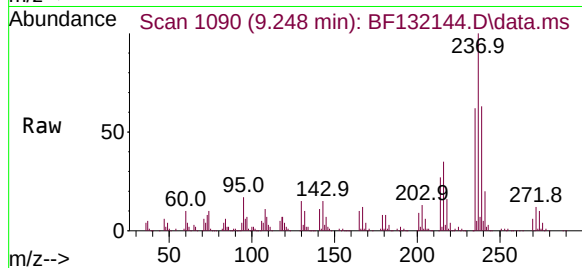
108 18.7 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 41.122 ng
RT: 9.248 min Scan# 1090
Delta R.T. 0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

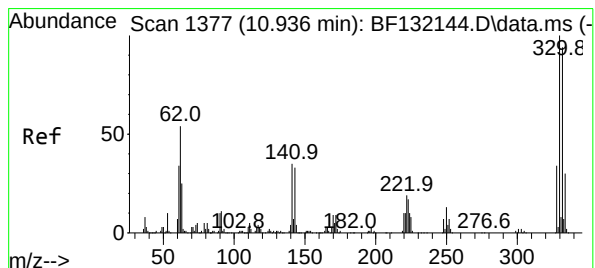
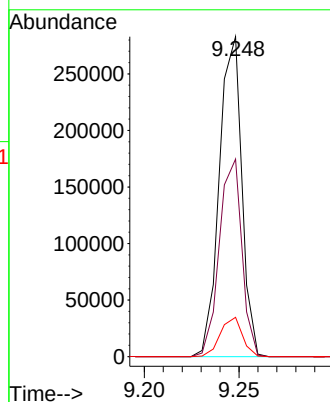
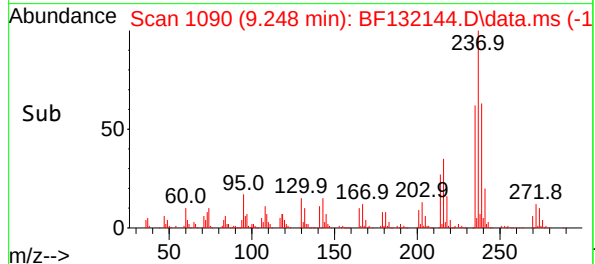
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion: 237 Resp: 234059
Ion Ratio Lower Upper
237 100
235 61.7 41.7 81.7
272 12.3 0.0 32.3

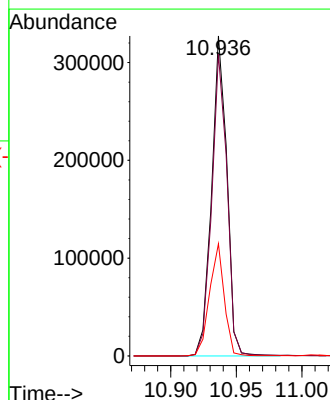
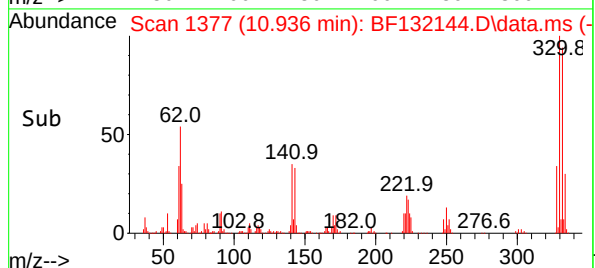
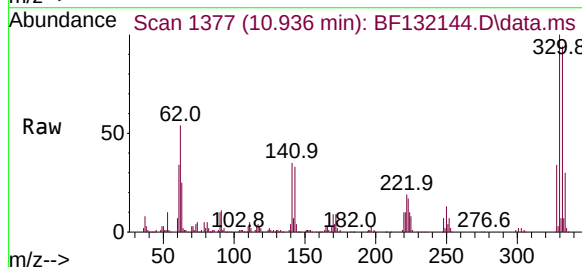
Manual Integrations
APPROVED

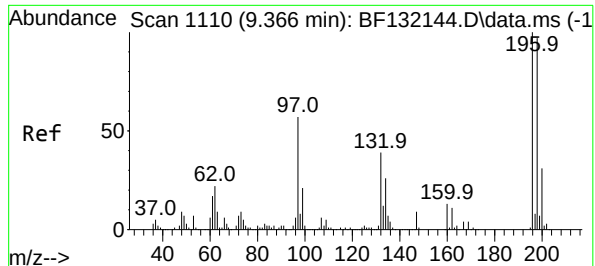
Reviewed By : Christian Giraldo 01/20/2023
Supervised By : Jagrut Upadhyay 01/20/2023



#42
2,4,6-Tribromophenol
Concen: 82.856 ng
RT: 10.936 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

Tgt Ion: 330 Resp: 265316
Ion Ratio Lower Upper
330 100
332 94.5 75.6 113.4
141 33.9 27.1 40.7





#43

2,4,6-Trichlorophenol

Concen: 41.476 ng

RT: 9.366 min Scan# 1110

Delta R.T. 0.000 min

Lab File: BF132144.D

Acq: 19 Jan 2023 13:32

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:196 Resp: 26848

Ion Ratio Lower Upper

196 100

198 96.8 77.4 116.2

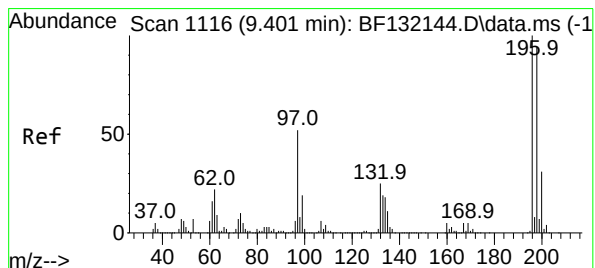
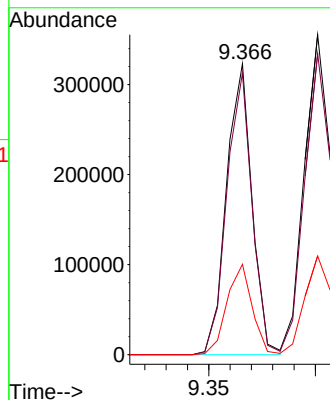
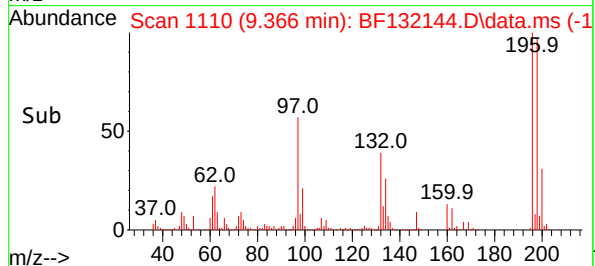
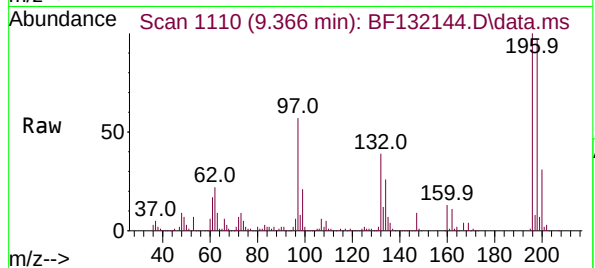
200 31.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#44

2,4,5-Trichlorophenol

Concen: 41.399 ng

RT: 9.401 min Scan# 1116

Delta R.T. 0.000 min

Lab File: BF132144.D

Acq: 19 Jan 2023 13:32

Tgt Ion:196 Resp: 313420

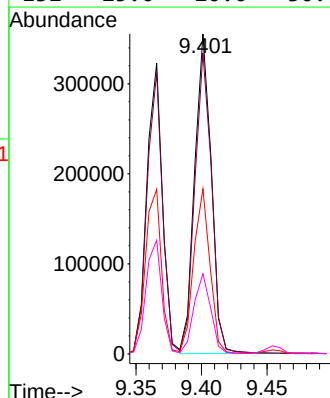
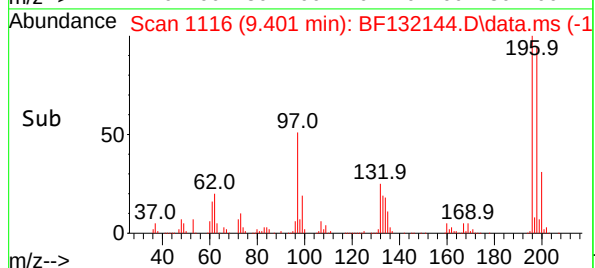
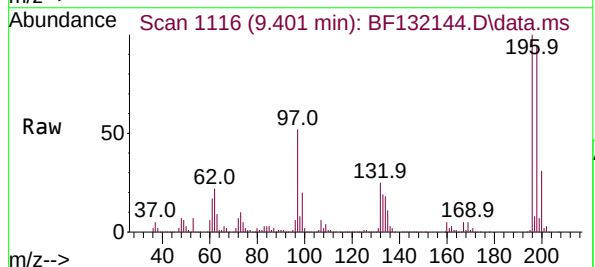
Ion Ratio Lower Upper

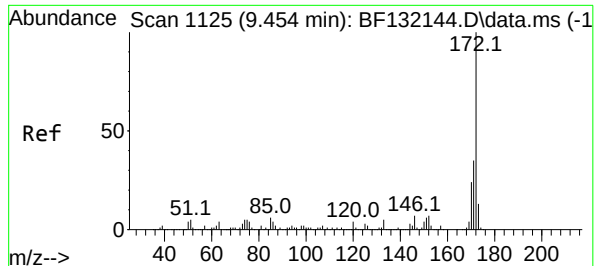
196 100

198 94.1 75.3 112.9

97 51.6 41.3 61.9

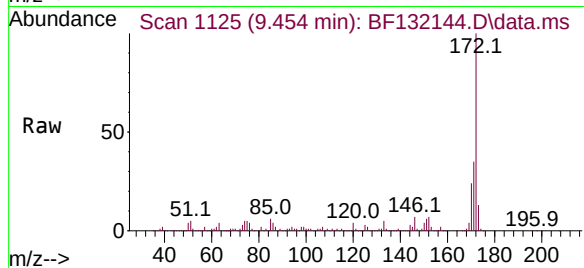
132 25.0 20.0 30.0





#45
2-Fluorobiphenyl
Concen: 78.225 ng
RT: 9.454 min Scan# 1125
Delta R.T. 0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

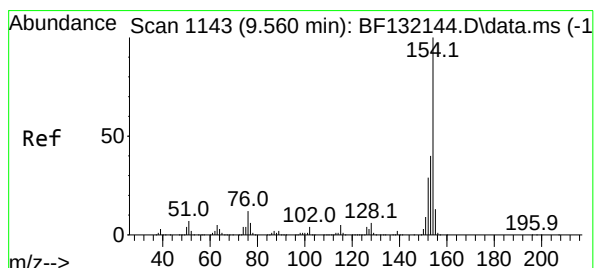
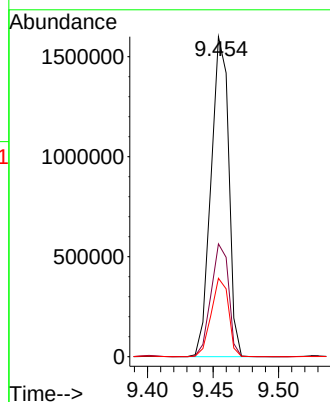
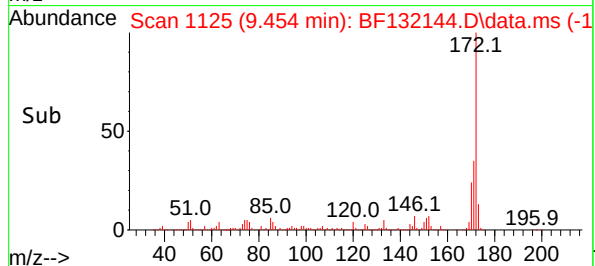
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:172 Resp: 1498425
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 24.5 19.6 29.4

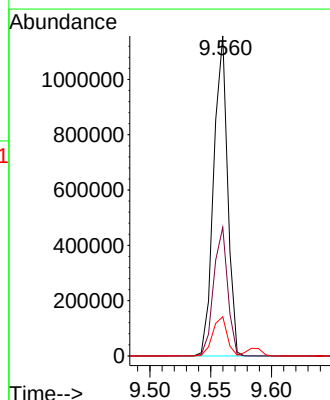
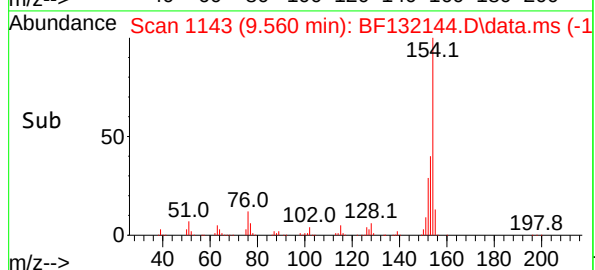
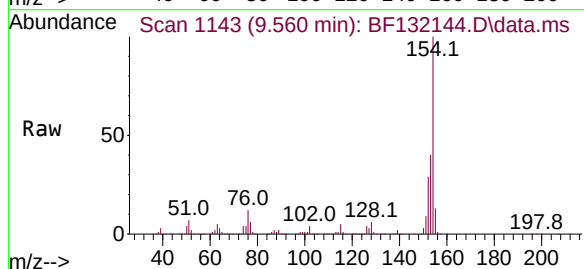
Manual Integrations
APPROVED

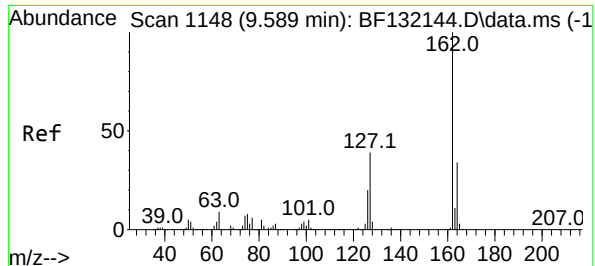
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#46
1,1'-Biphenyl
Concen: 38.971 ng
RT: 9.560 min Scan# 1143
Delta R.T. -0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

Tgt Ion:154 Resp: 921691
Ion Ratio Lower Upper
154 100
153 40.2 20.2 60.2
76 12.2 0.0 32.2





#47

2-Chloronaphthalene

Concen: 39.181 ng

RT: 9.589 min Scan# 1148

Delta R.T. 0.000 min

Lab File: BF132144.D

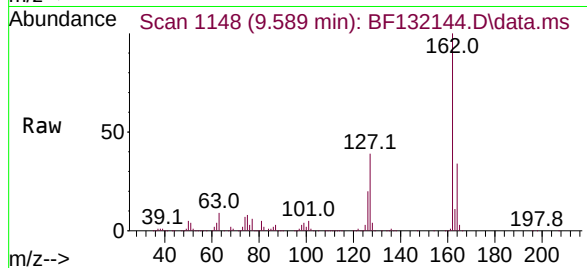
Acq: 19 Jan 2023 13:32

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:162 Resp: 716342

Ion Ratio Lower Upper

162 100

127 38.9 31.1 46.7

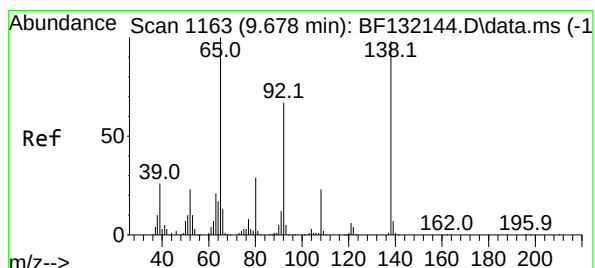
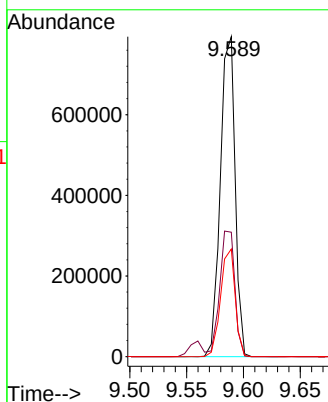
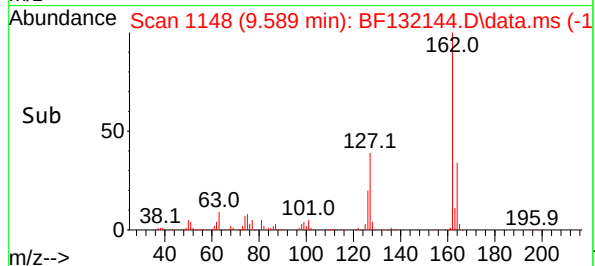
164 33.6 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#48

2-Nitroaniline

Concen: 43.338 ng

RT: 9.678 min Scan# 1163

Delta R.T. -0.000 min

Lab File: BF132144.D

Acq: 19 Jan 2023 13:32

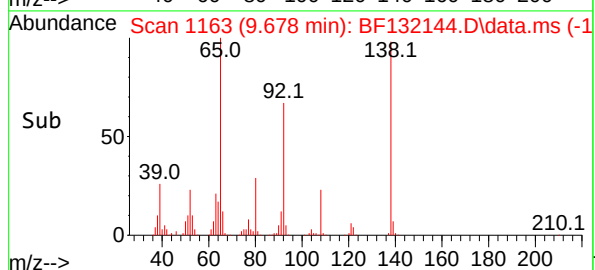
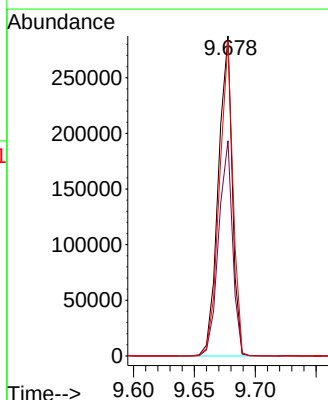
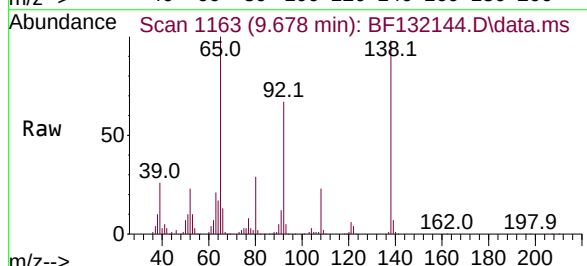
Tgt Ion: 65 Resp: 228133

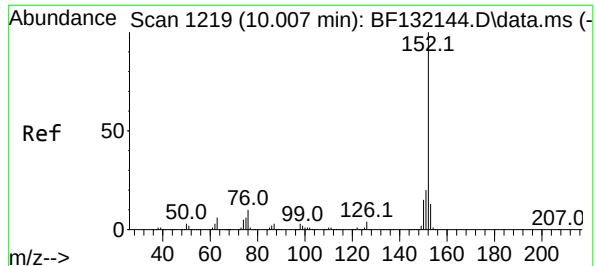
Ion Ratio Lower Upper

65 100

92 67.2 53.8 80.6

138 98.4 78.7 118.1





#49

Acenaphthylene

Concen: 39.186 ng

RT: 10.007 min Scan# 1193

Delta R.T. 0.000 min

Lab File: BF132144.D

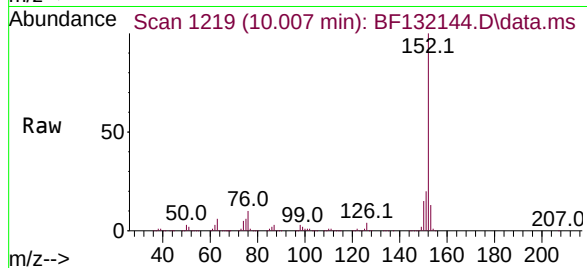
Acq: 19 Jan 2023 13:32

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:152 Resp: 1146101

Ion Ratio Lower Upper

152 100

151 20.5 16.4 24.6

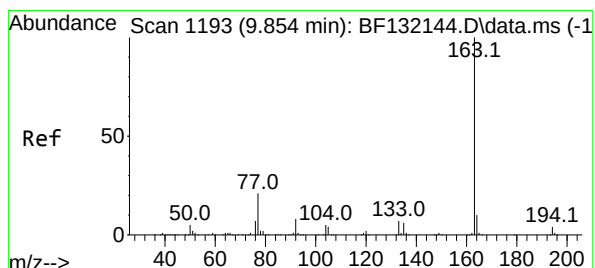
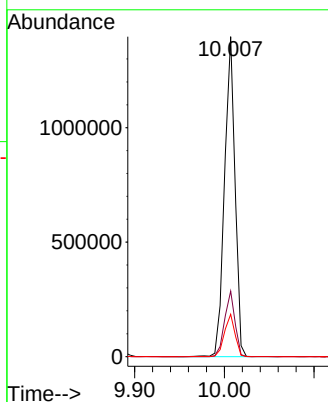
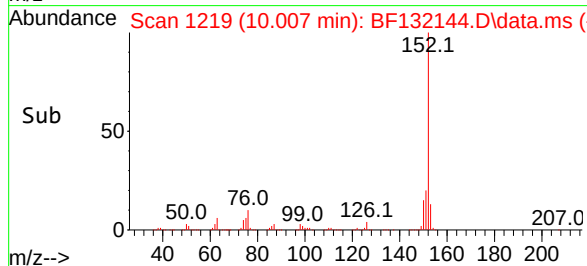
153 13.2 10.6 15.8

Manual Integrations

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#50

Dimethylphthalate

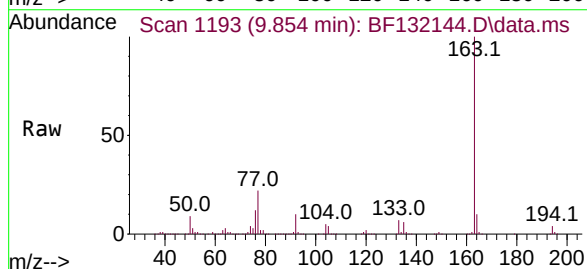
Concen: 39.627 ng

RT: 9.854 min Scan# 1193

Delta R.T. 0.000 min

Lab File: BF132144.D

Acq: 19 Jan 2023 13:32



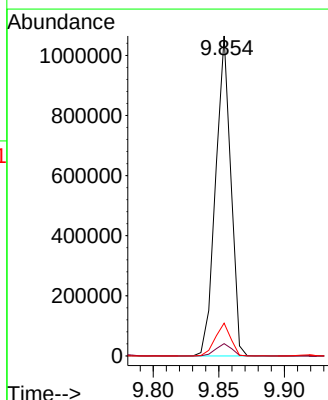
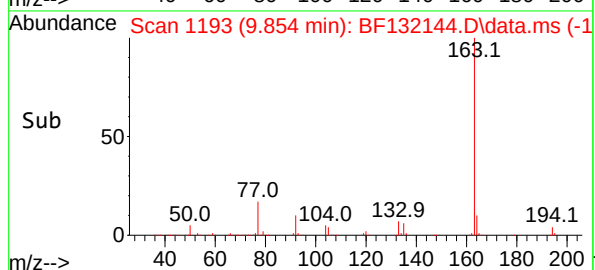
Tgt Ion:163 Resp: 860394

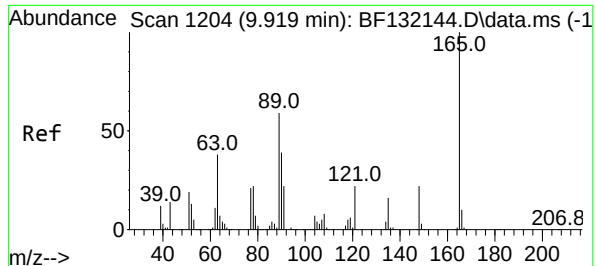
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

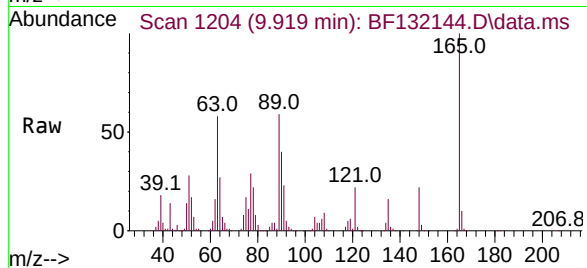
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 42.841 ng
RT: 9.919 min Scan# 1204
Delta R.T. -0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

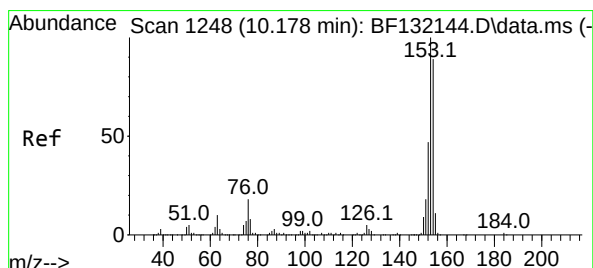
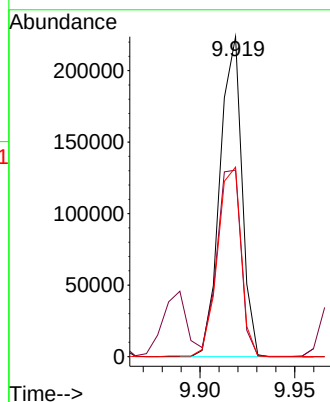
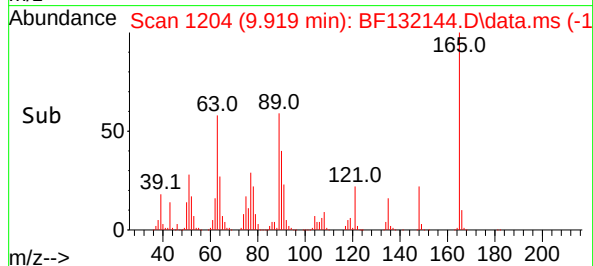
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:165 Resp: 180288
Ion Ratio Lower Upper
165 100
63 58.3 46.6 70.0
89 59.3 47.4 71.2

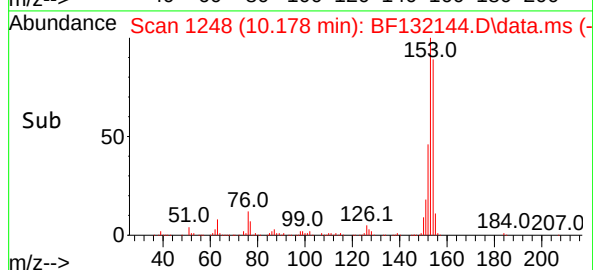
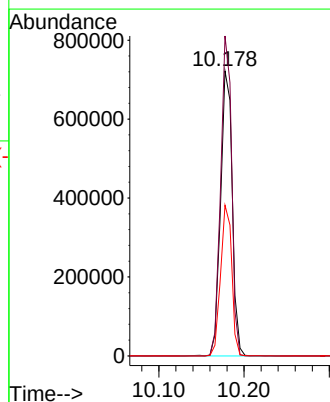
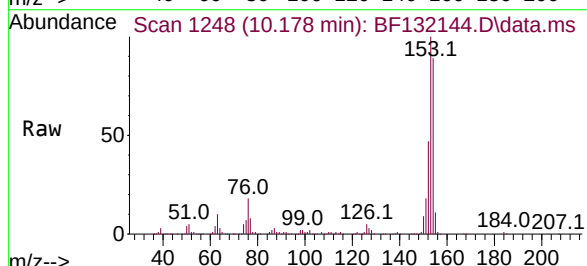
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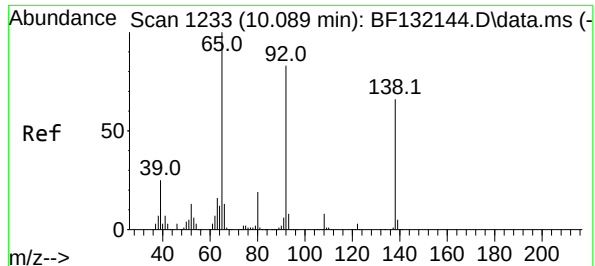
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#52
Acenaphthene
Concen: 38.885 ng
RT: 10.178 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

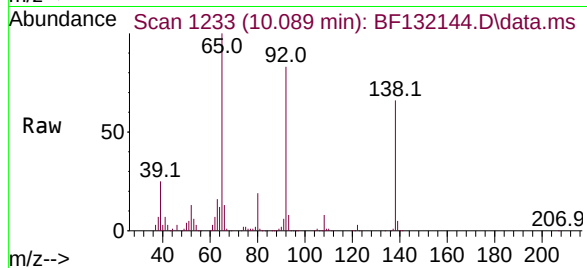
Tgt Ion:154 Resp: 684074
Ion Ratio Lower Upper
154 100
153 112.3 89.8 134.8
152 52.9 42.3 63.5





#53
3-Nitroaniline
Concen: 42.890 ng
RT: 10.089 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

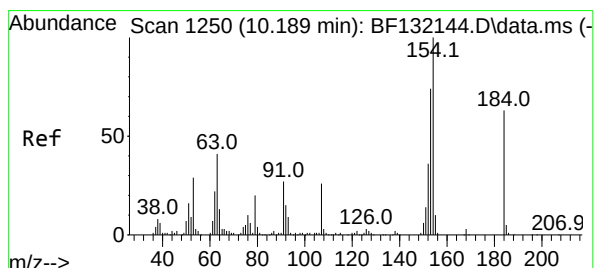
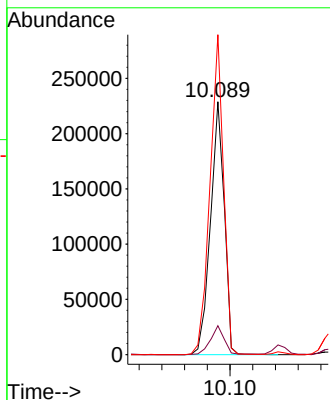
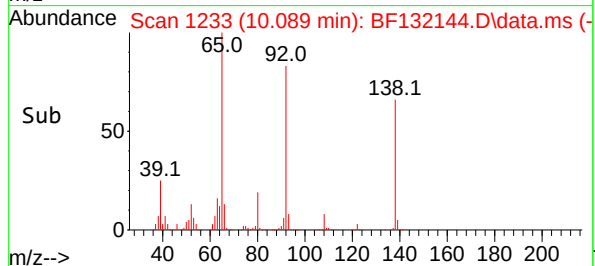
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:138 Resp: 192978
Ion Ratio Lower Upper
138 100
108 11.4 9.1 13.7
92 126.5 101.2 151.8

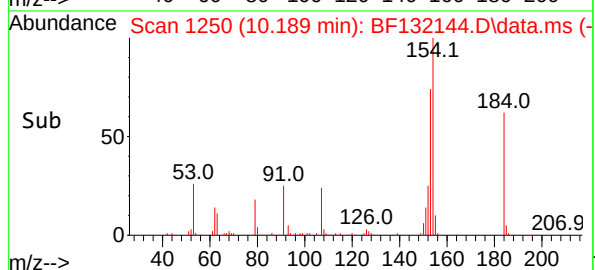
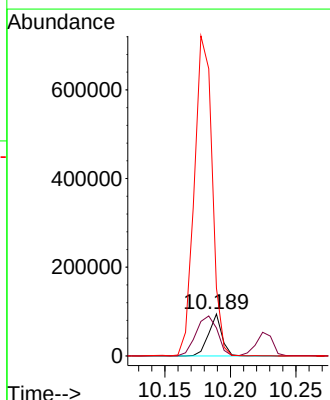
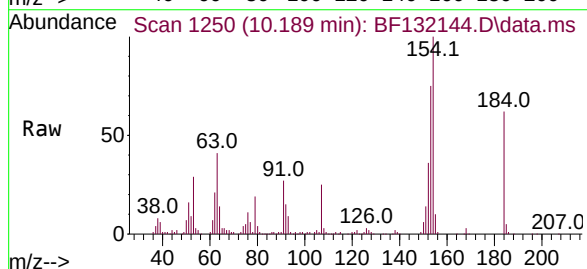
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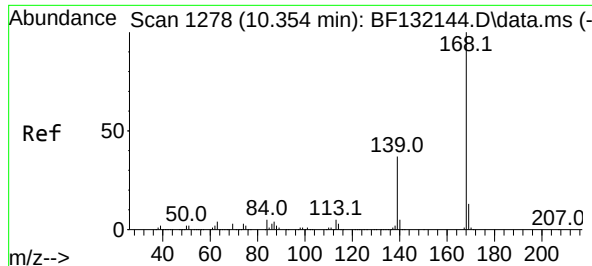
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#54
2,4-Dinitrophenol
Concen: 39.070 ng
RT: 10.189 min Scan# 1250
Delta R.T. 0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

Tgt Ion:184 Resp: 66408
Ion Ratio Lower Upper
184 100
63 66.5 53.2 79.8
154 161.7 129.4 194.0





#55

Dibenzenofuran

Concen: 39.048 ng

RT: 10.354 min Scan# 1278

Delta R.T. 0.000 min

Lab File: BF132144.D

Acq: 19 Jan 2023 13:32

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:168 Resp: 1061594

Ion Ratio Lower Upper

168 100

139 37.3 29.8 44.8

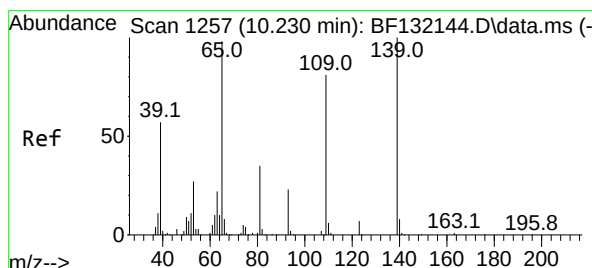
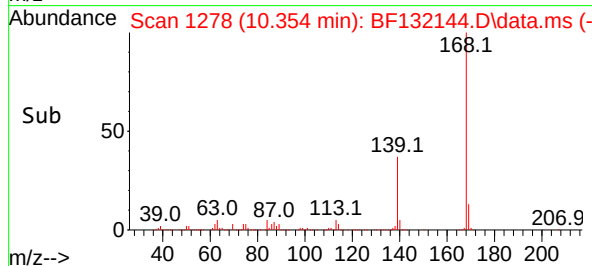
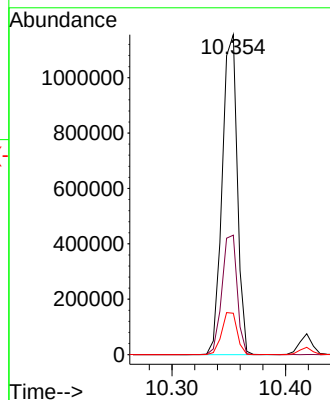
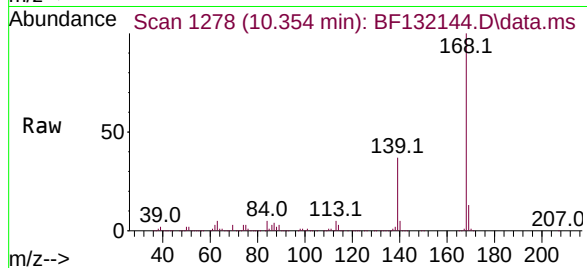
169 12.9 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#56

4-Nitrophenol

Concen: 42.437 ng

RT: 10.230 min Scan# 1257

Delta R.T. 0.000 min

Lab File: BF132144.D

Acq: 19 Jan 2023 13:32

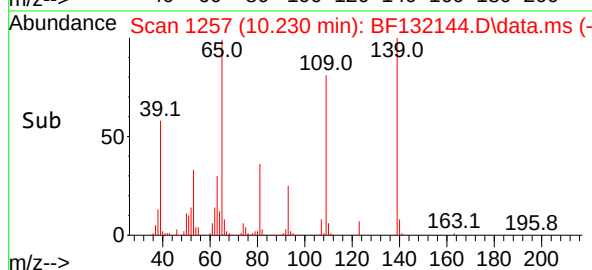
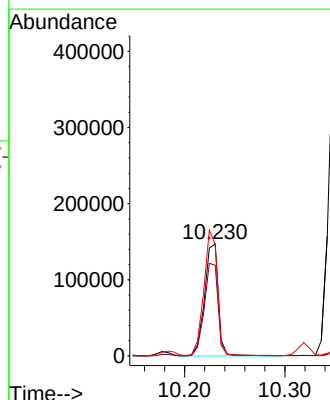
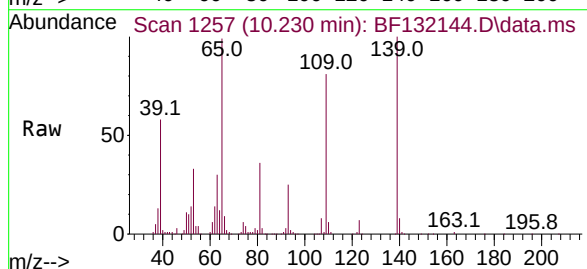
Tgt Ion:139 Resp: 138964

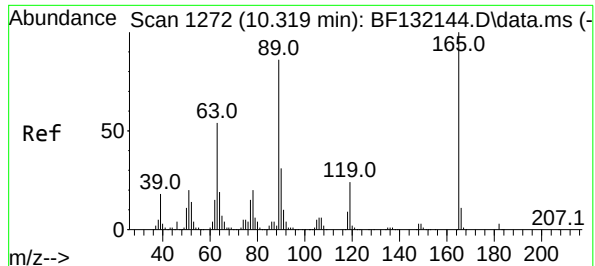
Ion Ratio Lower Upper

139 100

109 81.0 61.0 101.0

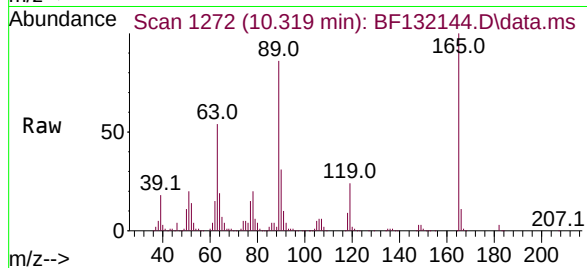
65 99.3 79.3 119.3





#57
2,4-Dinitrotoluene
Concen: 42.104 ng
RT: 10.319 min Scan# 1272
Delta R.T. -0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

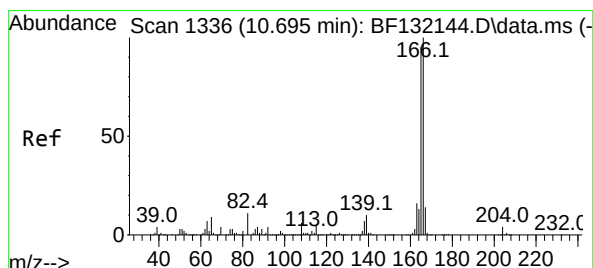
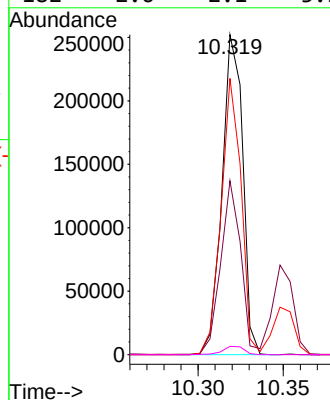
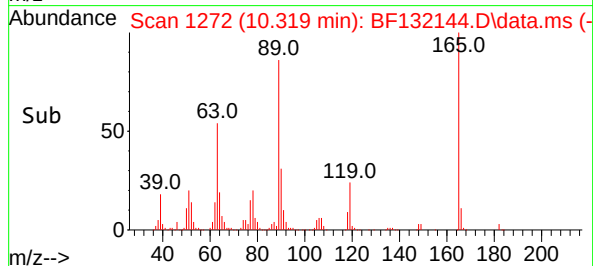
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:165 Resp: 212688
Ion Ratio Lower Upper
165 100
63 54.4 43.5 65.3
89 86.3 69.0 103.6
182 2.6 2.1 3.1

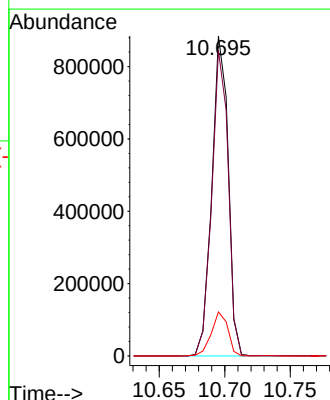
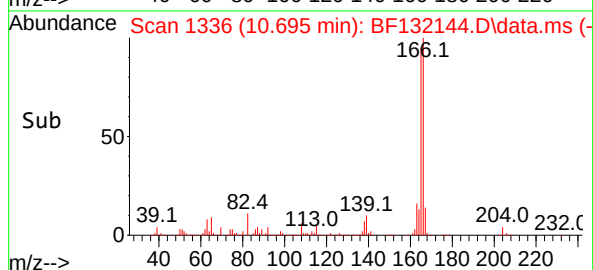
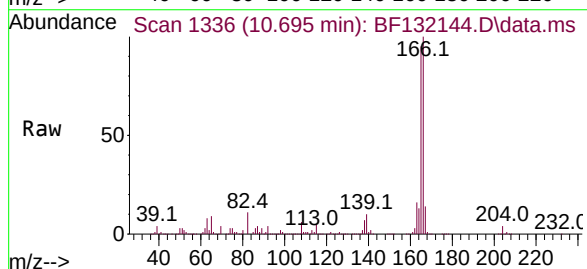
Manual Integrations
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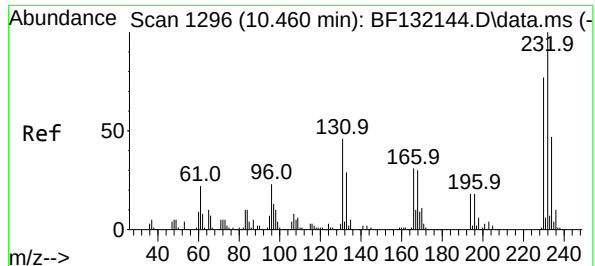
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#58
Fluorene
Concen: 38.157 ng
RT: 10.695 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

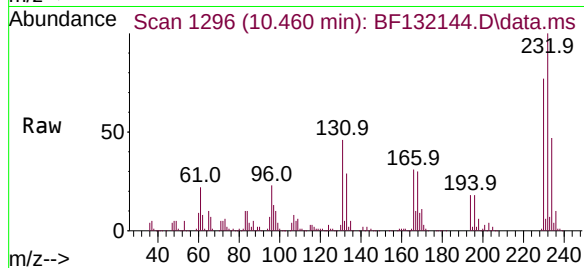
Tgt Ion:166 Resp: 768665
Ion Ratio Lower Upper
166 100
165 95.5 76.4 114.6
167 13.7 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.198 ng
RT: 10.460 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

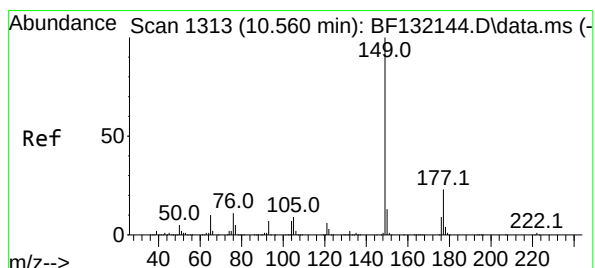
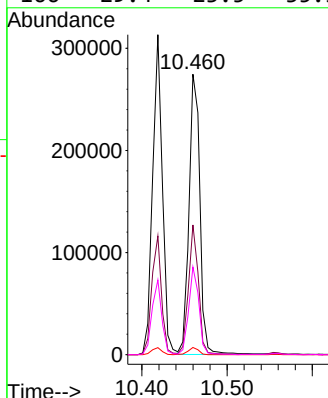
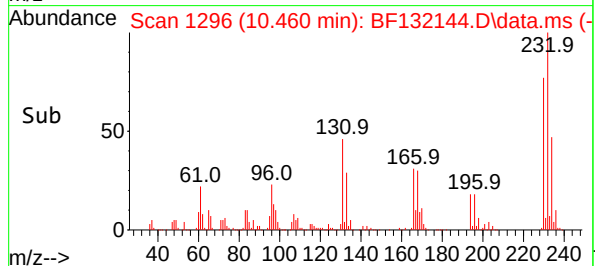
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



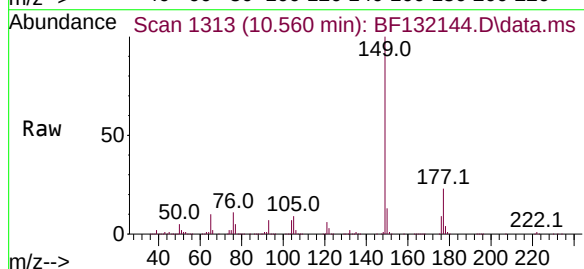
Tgt Ion:232 Resp: 243020
Ion Ratio Lower Upper
232 100
131 42.2 33.8 50.6
130 2.4 1.9 2.9
166 29.4 23.5 35.3

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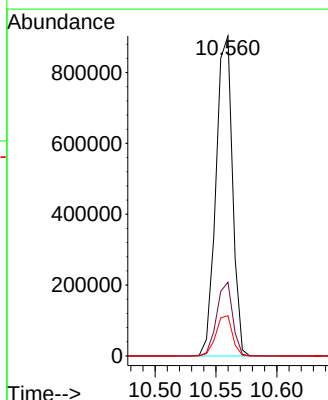
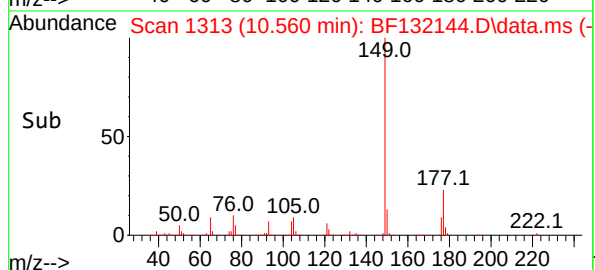
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

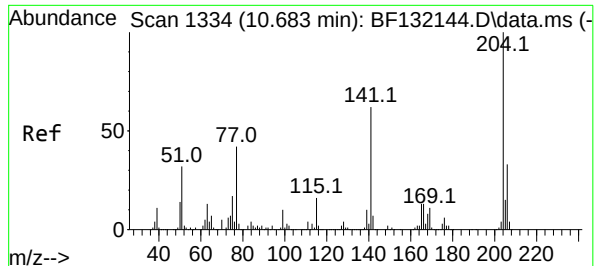


#60
Diethylphthalate
Concen: 40.084 ng
RT: 10.560 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32



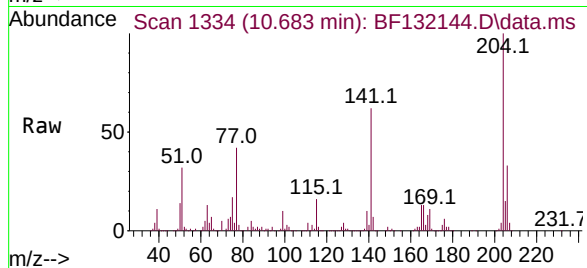
Tgt Ion:149 Resp: 853449
Ion Ratio Lower Upper
149 100
177 23.0 18.4 27.6
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 39.143 ng
RT: 10.683 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

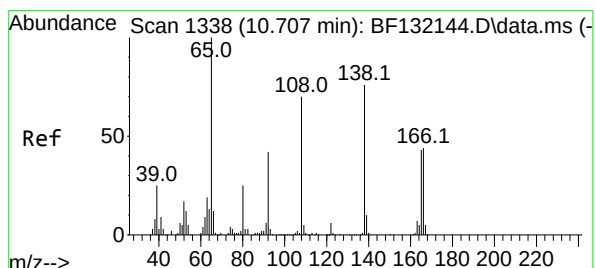
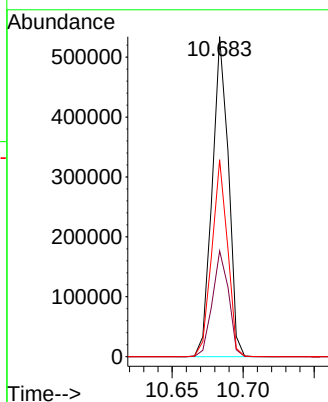
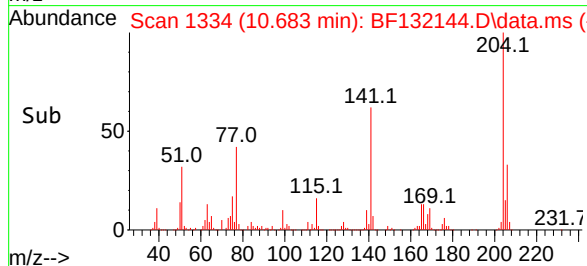
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:204 Resp: 422248
Ion Ratio Lower Upper
204 100
206 33.0 26.4 39.6
141 61.5 49.2 73.8

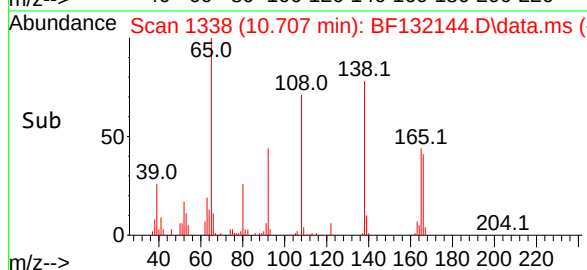
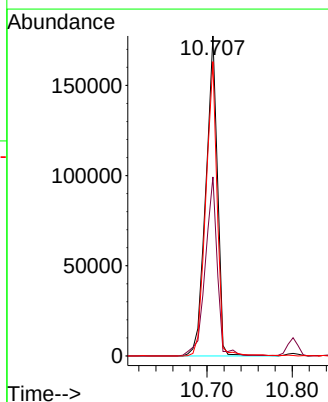
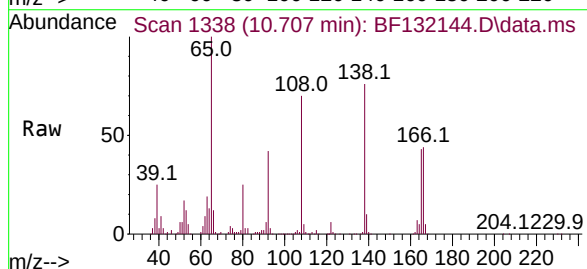
Manual Integrations
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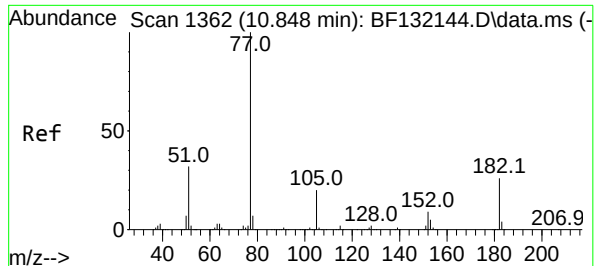
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#62
4-Nitroaniline
Concen: 40.310 ng
RT: 10.707 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

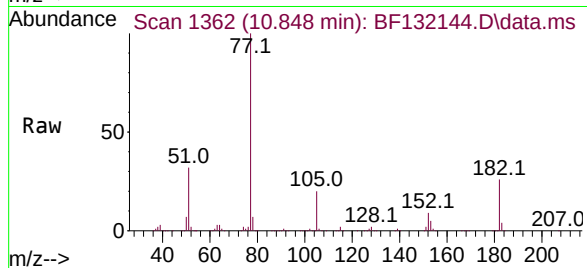
Tgt Ion:138 Resp: 168856
Ion Ratio Lower Upper
138 100
92 55.9 35.9 75.9
108 92.0 72.0 112.0





#63
Azobenzene
Concen: 39.303 ng
RT: 10.848 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

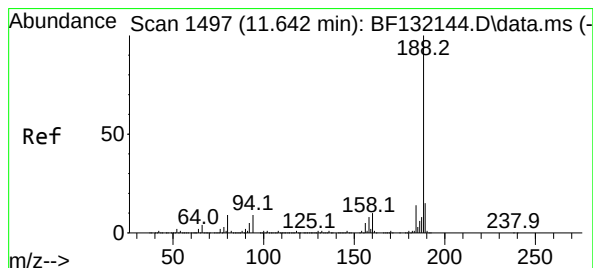
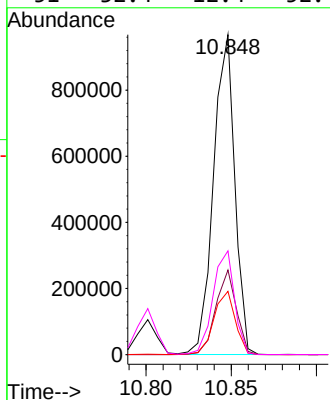
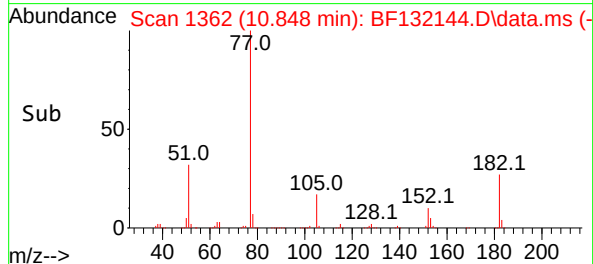
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion: 77 Resp: 839858
Ion Ratio Lower Upper
77 100
182 26.4 6.4 46.4
105 19.8 0.0 39.8
51 32.4 12.4 52.4

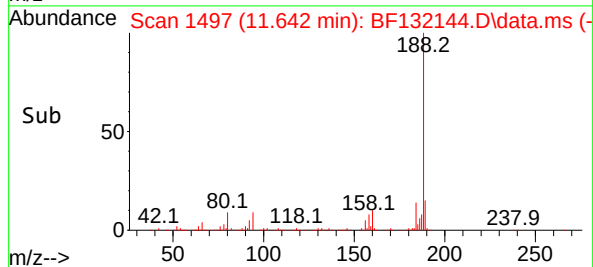
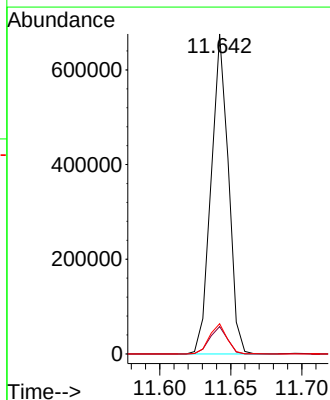
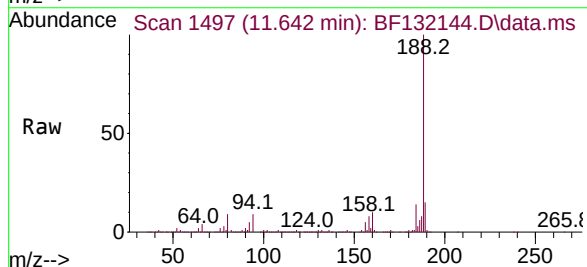
Manual Integrations
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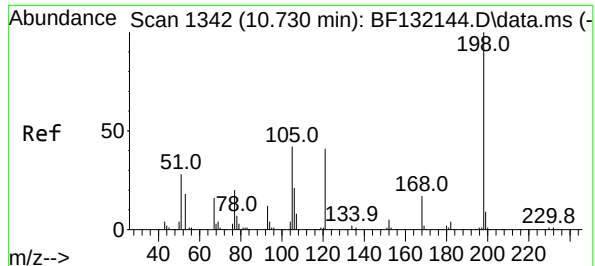
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.642 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

Tgt Ion:188 Resp: 571110
Ion Ratio Lower Upper
188 100
94 8.6 6.9 10.3
80 9.4 7.5 11.3





#65

4,6-Dinitro-2-methylphenol

Concen: 39.000 ng

RT: 10.730 min Scan# 1342

Delta R.T. 0.000 min

Lab File: BF132144.D

Acq: 19 Jan 2023 13:32

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:198 Resp: 96569

Ion Ratio Lower Upper

198 100

51 44.3 24.3 64.3

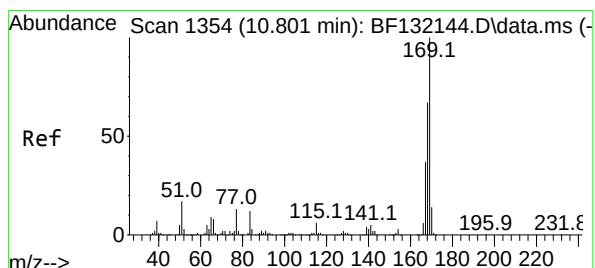
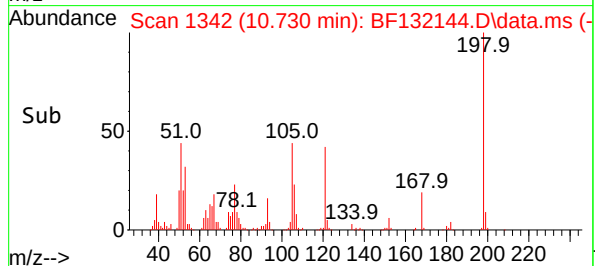
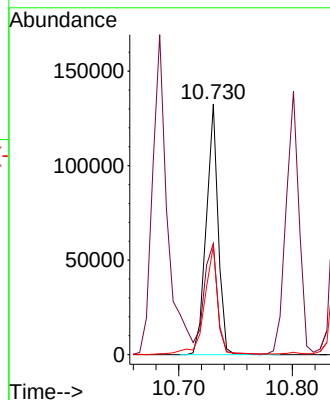
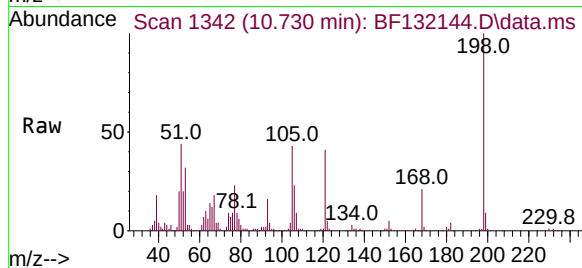
105 43.3 23.3 63.3

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#66

n-Nitrosodiphenylamine

Concen: 38.360 ng

RT: 10.801 min Scan# 1354

Delta R.T. 0.000 min

Lab File: BF132144.D

Acq: 19 Jan 2023 13:32

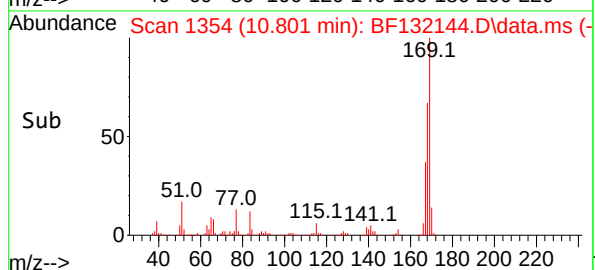
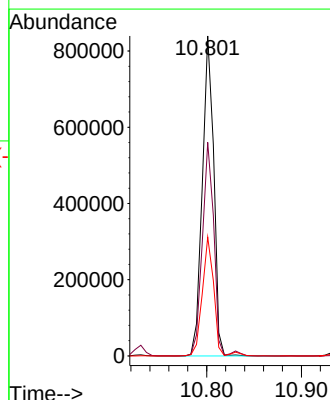
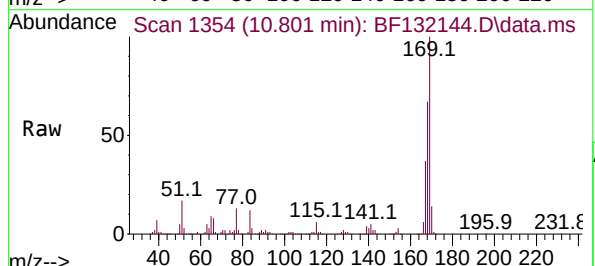
Tgt Ion:169 Resp: 701625

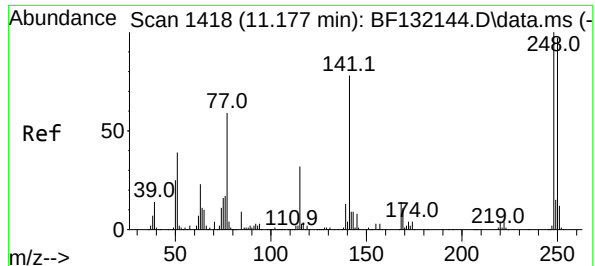
Ion Ratio Lower Upper

169 100

168 66.7 53.4 80.0

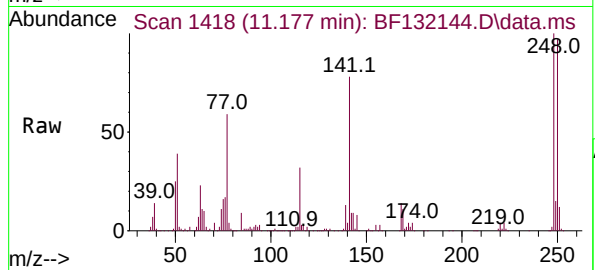
167 37.1 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 38.892 ng
RT: 11.177 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

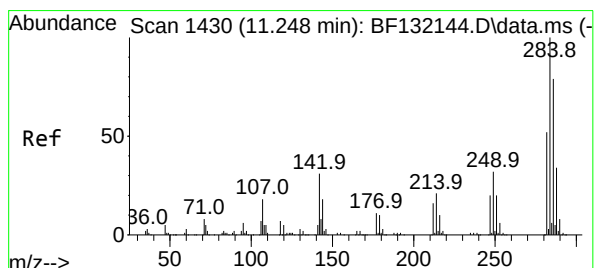
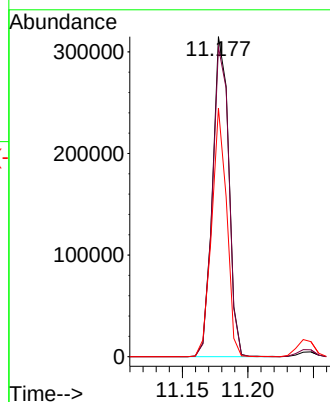
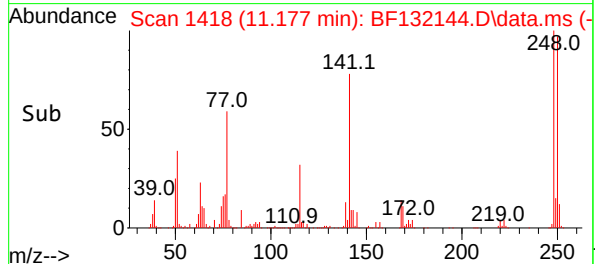
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



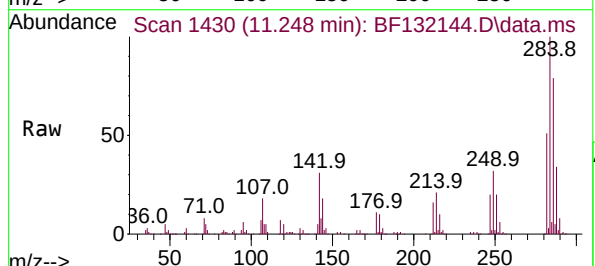
Tgt Ion:248 Resp: 270734
Ion Ratio Lower Upper
248 100
250 96.7 77.4 116.0
141 77.7 62.2 93.2

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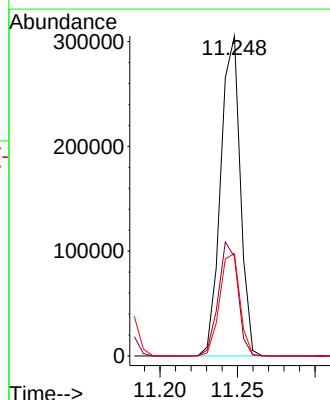
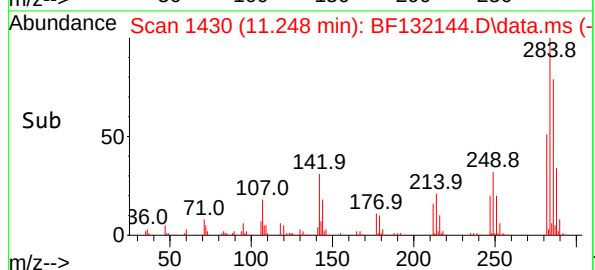
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

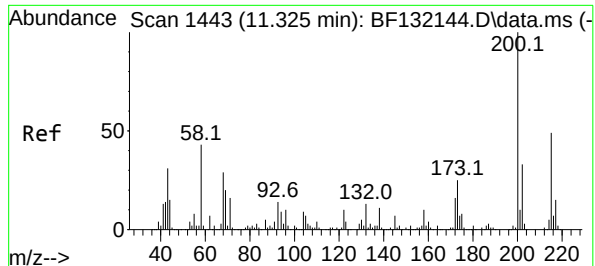


#68
Hexachlorobenzene
Concen: 38.861 ng
RT: 11.248 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32



Tgt Ion:284 Resp: 268855
Ion Ratio Lower Upper
284 100
142 30.9 24.7 37.1
249 32.0 25.6 38.4





#69

Atrazine

Concen: 39.933 ng

RT: 11.325 min Scan# 1443

Delta R.T. 0.000 min

Lab File: BF132144.D

Acq: 19 Jan 2023 13:32

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:200 Resp: 22534

Ion Ratio Lower Upper

200 100

173 25.0 5.0 45.0

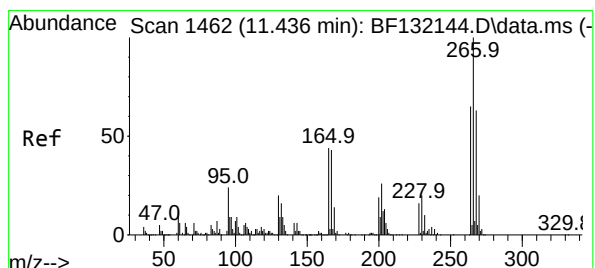
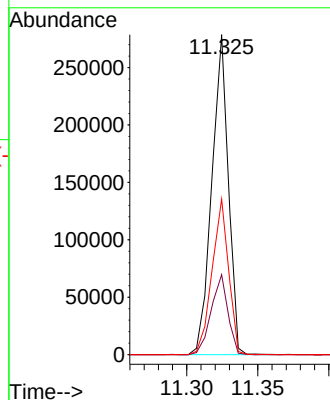
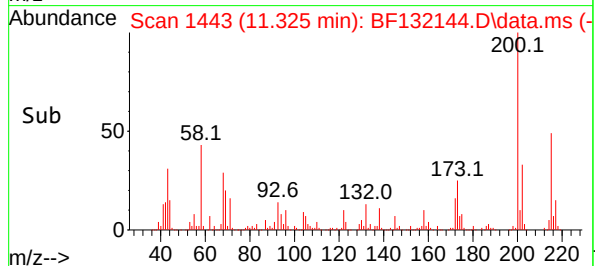
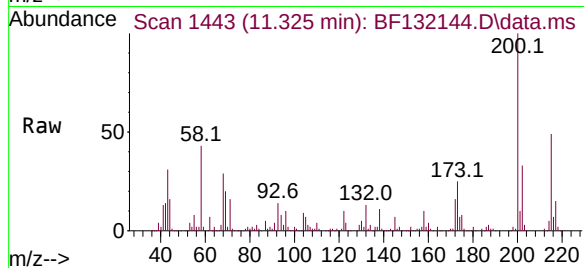
215 48.6 28.6 68.6

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#70

Pentachlorophenol

Concen: 41.654 ng

RT: 11.436 min Scan# 1462

Delta R.T. 0.000 min

Lab File: BF132144.D

Acq: 19 Jan 2023 13:32

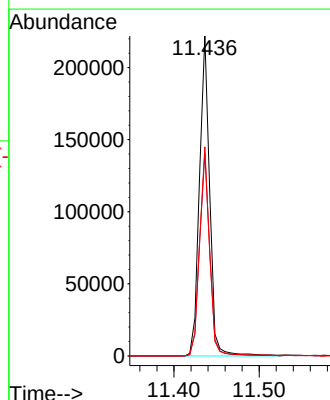
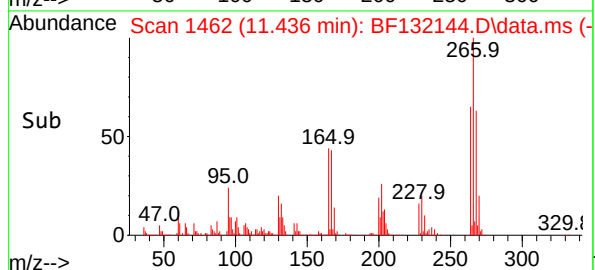
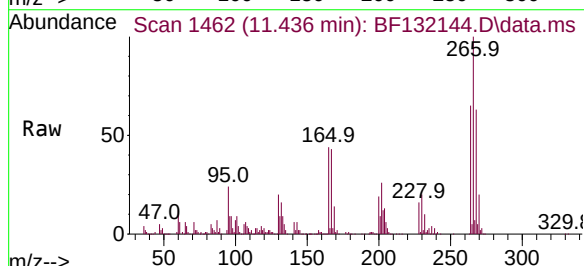
Tgt Ion:266 Resp: 185189

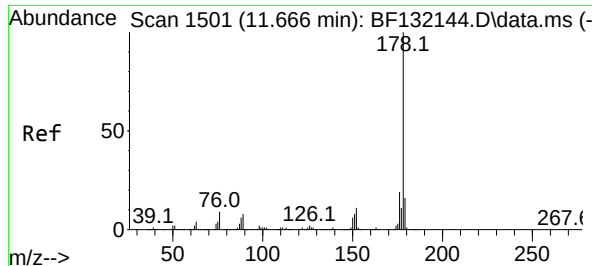
Ion Ratio Lower Upper

266 100

268 63.5 50.8 76.2

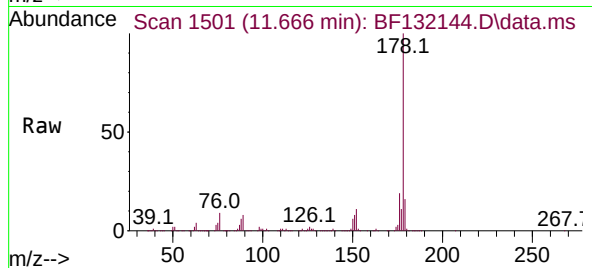
264 65.4 52.3 78.5





#71
Phenanthrene
Concen: 38.013 ng
RT: 11.666 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

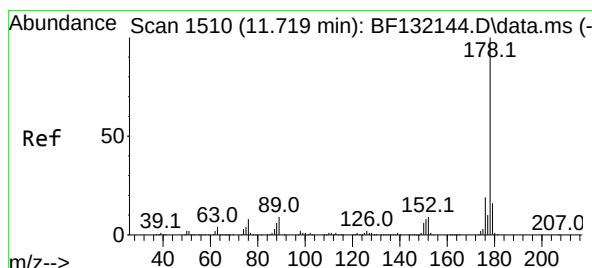
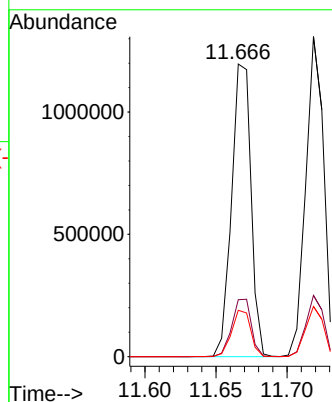
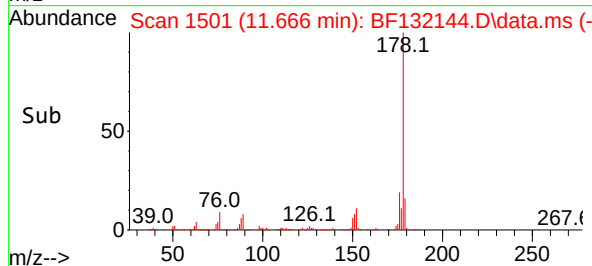
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



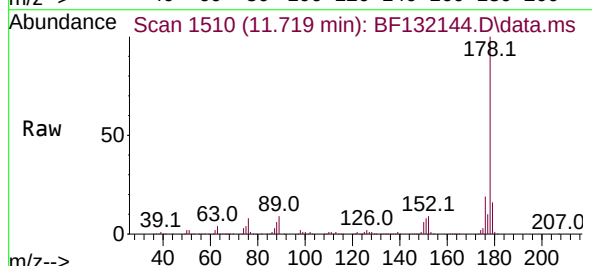
Tgt Ion:178 Resp: 1139286
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.8 12.6 19.0

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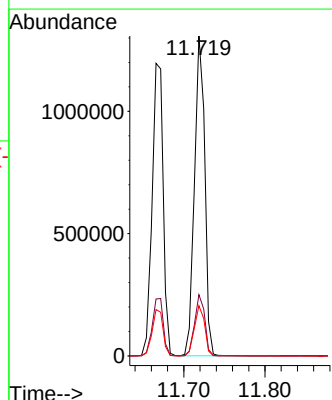
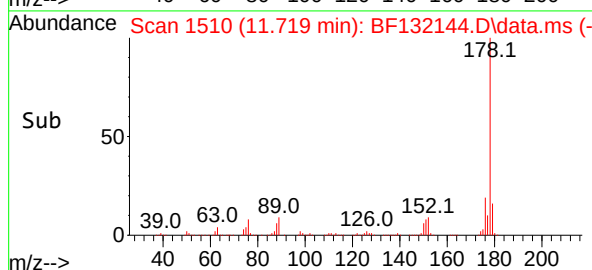
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

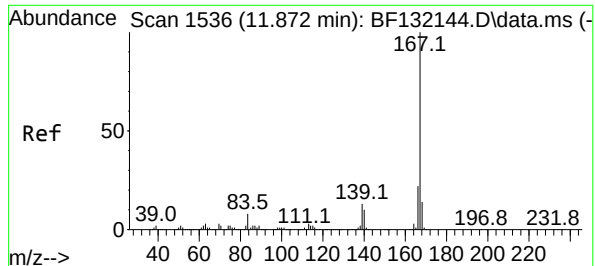


#72
Anthracene
Concen: 37.945 ng
RT: 11.719 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32



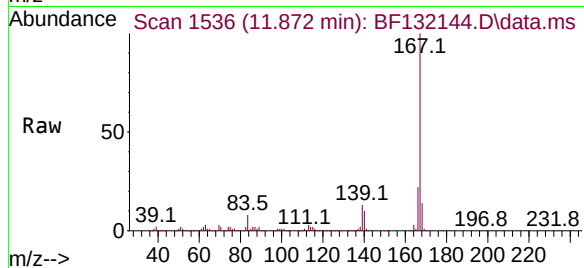
Tgt Ion:178 Resp: 1150507
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.7 12.6 18.8





#73
Carbazole
Concen: 38.153 ng
RT: 11.872 min Scan# 1536
Delta R.T. 0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

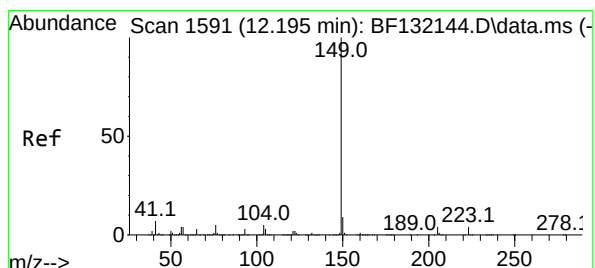
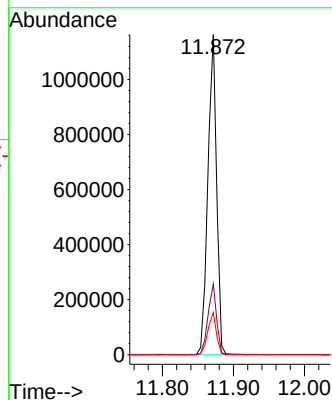
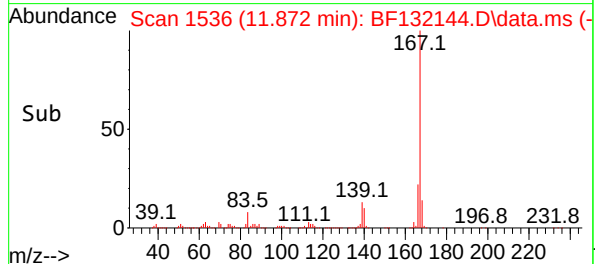
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:167 Resp: 988127
Ion Ratio Lower Upper
167 100
166 22.1 17.7 26.5
139 13.1 10.5 15.7

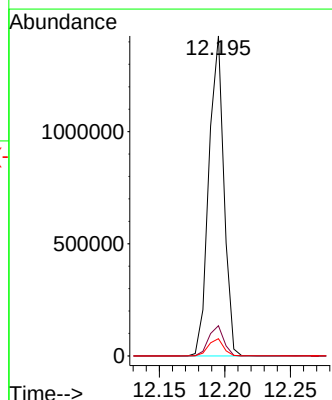
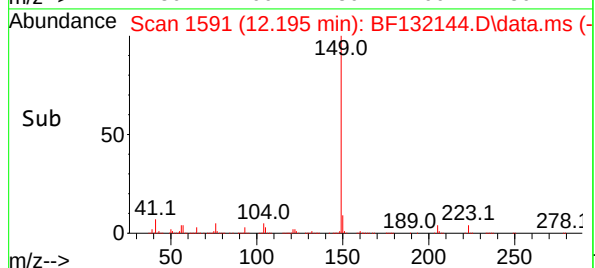
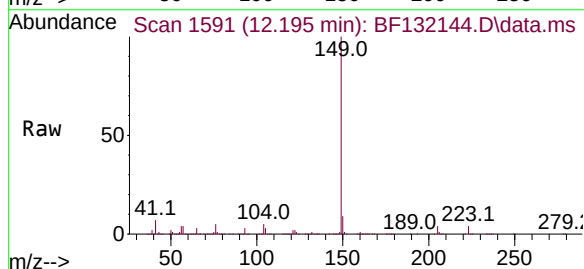
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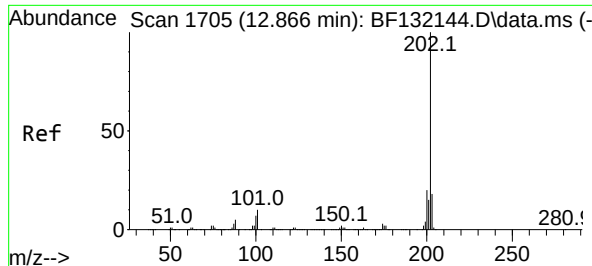
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#74
Di-n-butylphthalate
Concen: 39.237 ng
RT: 12.195 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

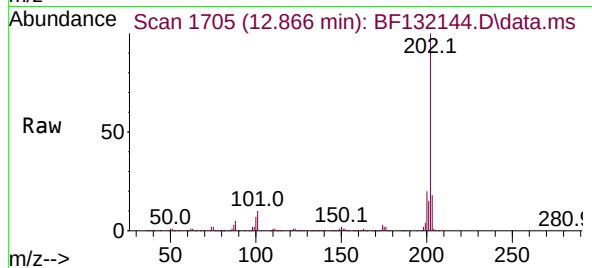
Tgt Ion:149 Resp: 1131265
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 5.4 4.3 6.5





#75
Fluoranthene
Concen: 37.412 ng
RT: 12.866 min Scan# 1705
Delta R.T. -0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

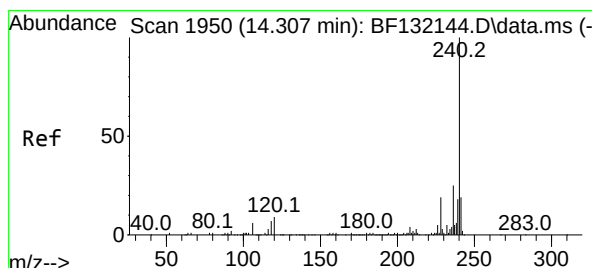
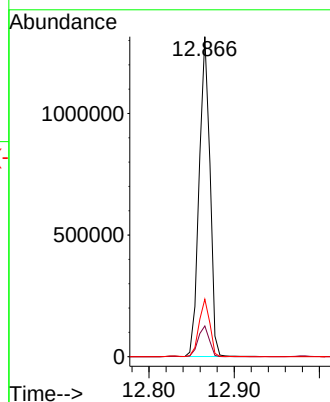
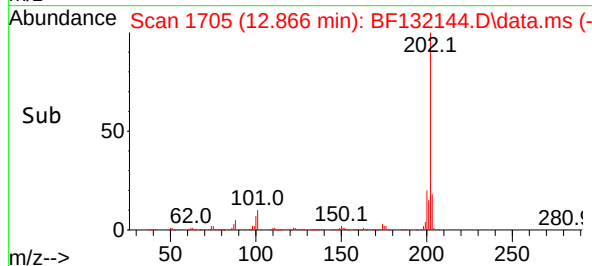
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:202 Resp: 1151764
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.6
203 17.9 0.0 37.9

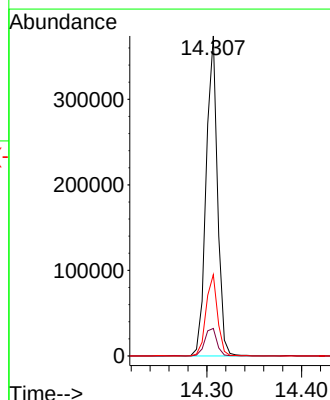
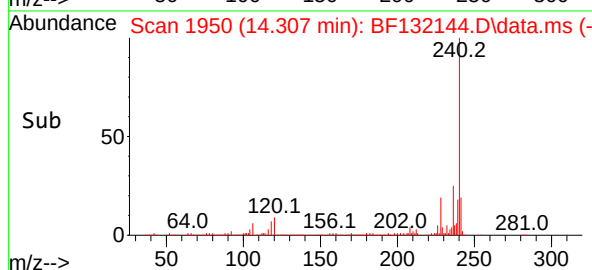
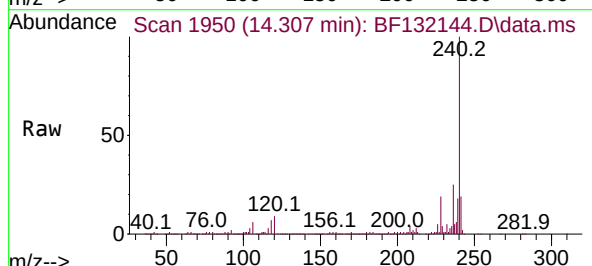
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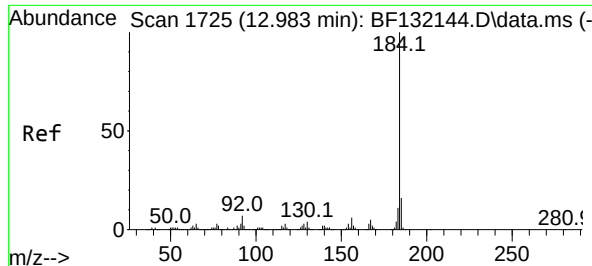
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.307 min Scan# 1950
Delta R.T. 0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

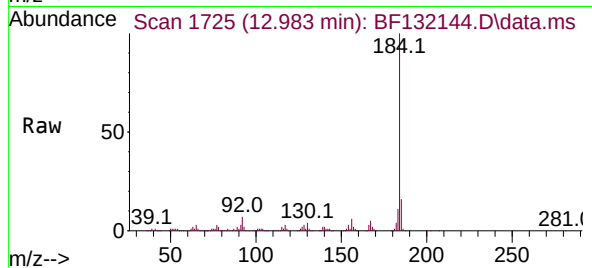
Tgt Ion:240 Resp: 311669
Ion Ratio Lower Upper
240 100
120 8.6 6.9 10.3
236 25.4 20.3 30.5





#77
Benzidine
Concen: 45.428 ng
RT: 12.983 min Scan# 1725
Delta R.T. 0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

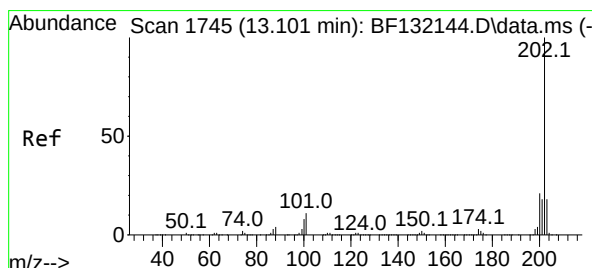
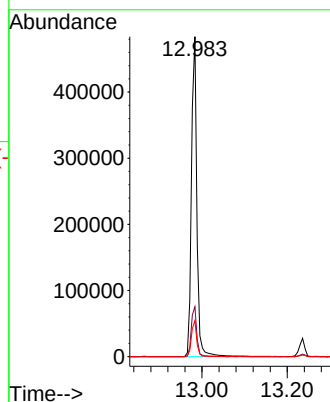
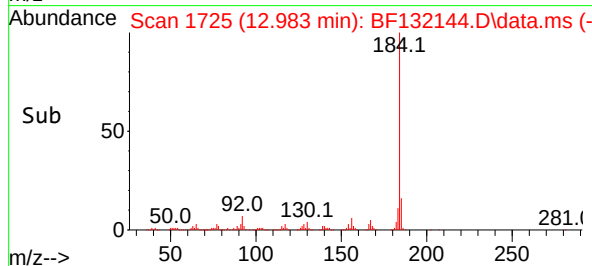
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



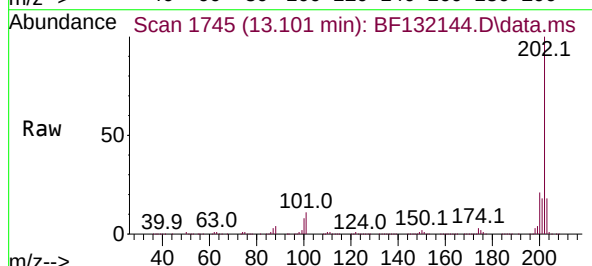
Tgt Ion:184 Resp: 425104
Ion Ratio Lower Upper
184 100
185 15.6 12.5 18.7
183 11.2 9.0 13.4

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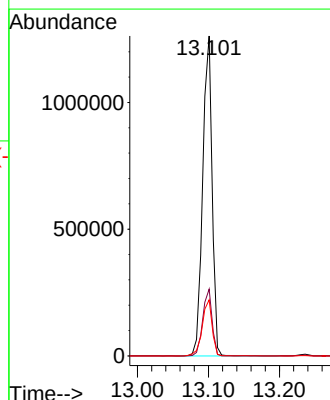
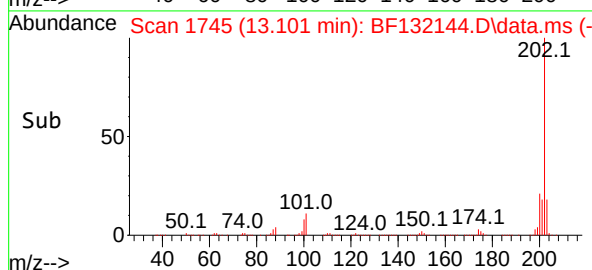
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

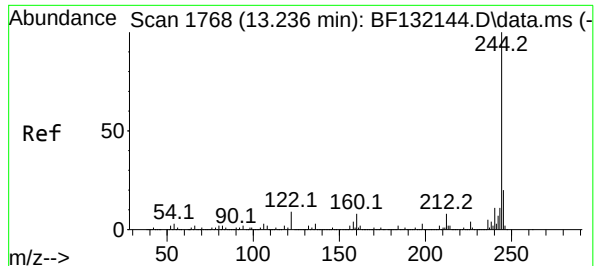


#78
Pyrene
Concen: 40.086 ng
RT: 13.101 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32



Tgt Ion:202 Resp: 1151402
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.5 14.0 21.0





#79

Terphenyl-d14

Concen: 77.520 ng

RT: 13.236 min Scan# 1768

Delta R.T. 0.000 min

Lab File: BF132144.D

Acq: 19 Jan 2023 13:32

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:244 Resp: 1442323

Ion Ratio Lower Upper

244 100

212 8.4 6.7 10.1

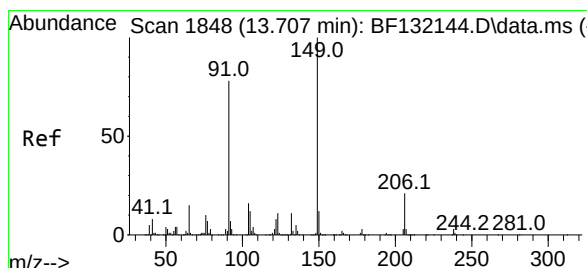
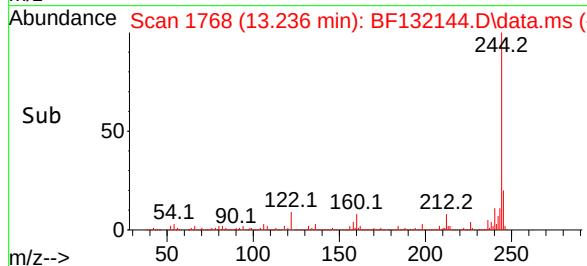
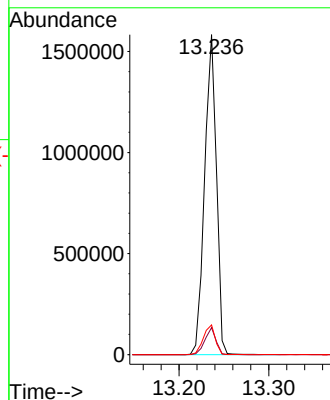
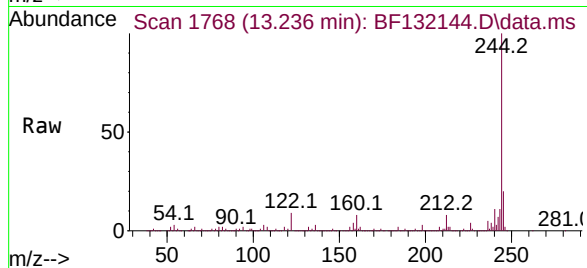
122 9.3 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#80

Butylbenzylphthalate

Concen: 43.571 ng

RT: 13.707 min Scan# 1848

Delta R.T. -0.000 min

Lab File: BF132144.D

Acq: 19 Jan 2023 13:32

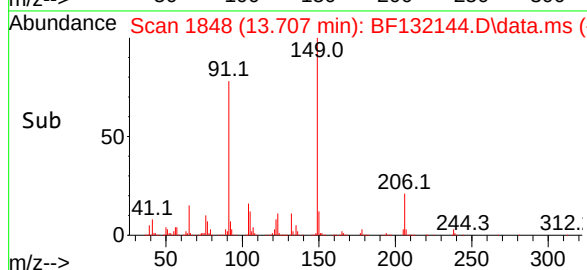
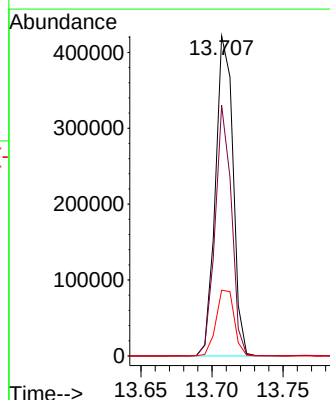
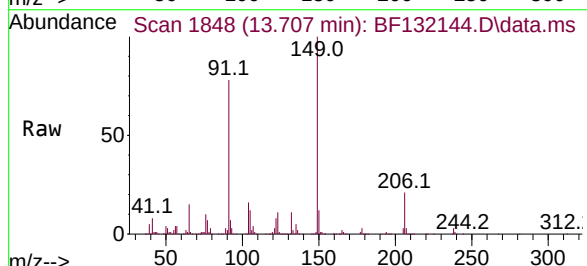
Tgt Ion:149 Resp: 362674

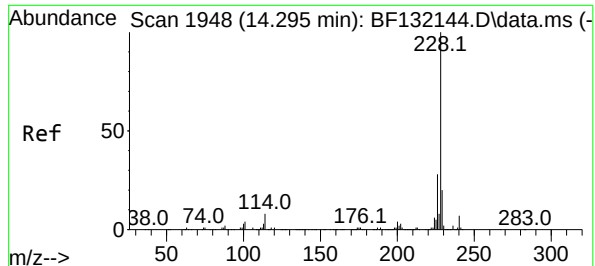
Ion Ratio Lower Upper

149 100

91 78.3 62.6 94.0

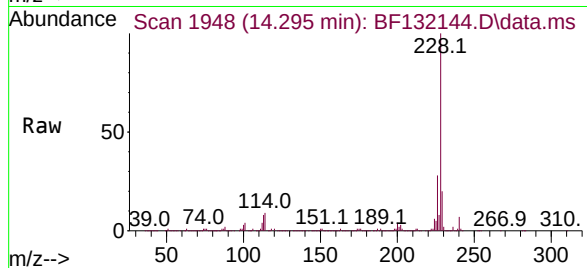
206 20.5 16.4 24.6





#81
Benzo(a)anthracene
Concen: 39.275 ng
RT: 14.295 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

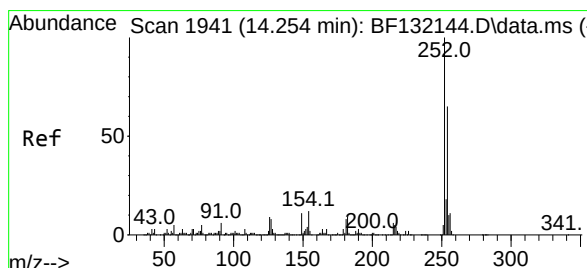
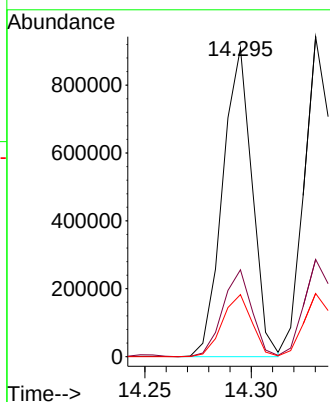
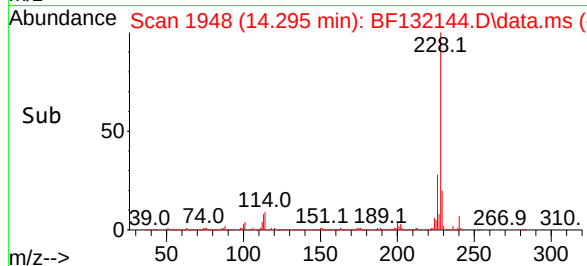
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



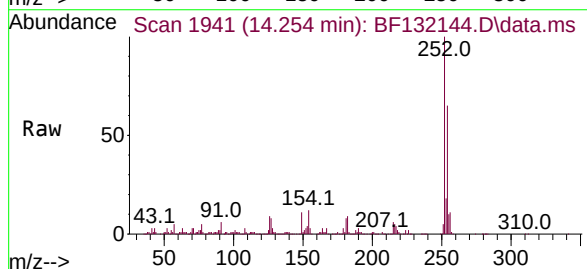
Tgt Ion:228 Resp: 874472
Ion Ratio Lower Upper
228 100
226 28.1 22.5 33.7
229 20.1 16.1 24.1

Manual Integrations
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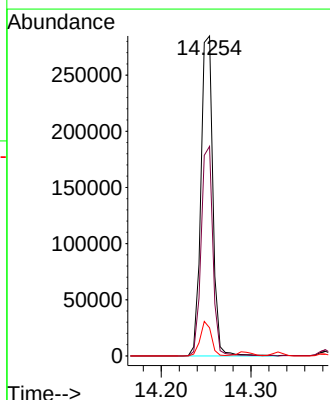
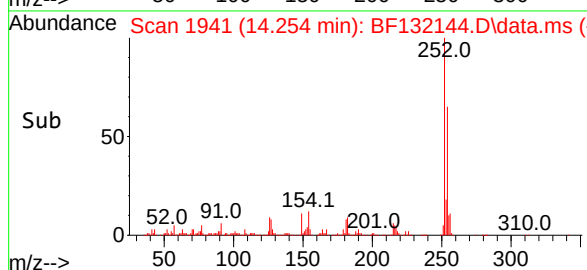
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

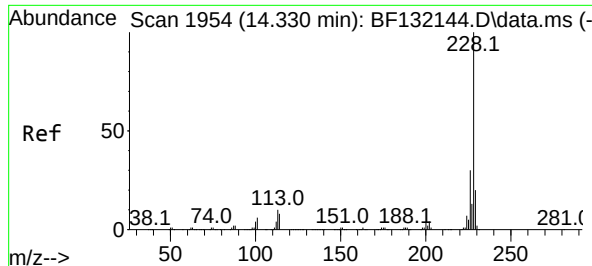


#82
3,3'-Dichlorobenzidine
Concen: 42.440 ng
RT: 14.254 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32



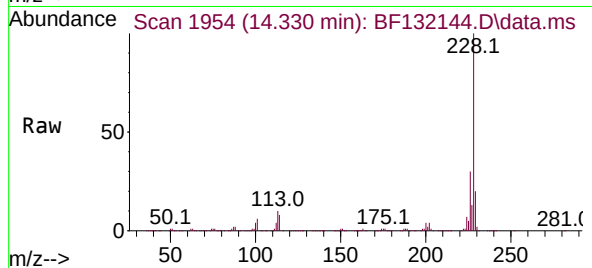
Tgt Ion:252 Resp: 263165
Ion Ratio Lower Upper
252 100
254 65.5 52.4 78.6
126 8.8 7.0 10.6





#83
Chrysene
Concen: 39.153 ng
RT: 14.330 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

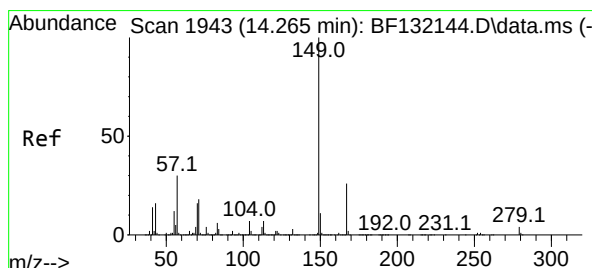
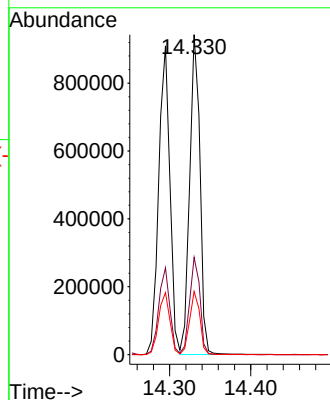
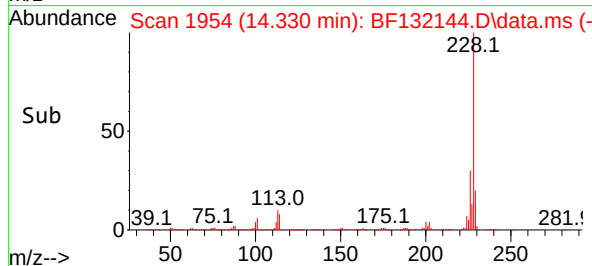
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:228 Resp: 829789
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 19.7 15.8 23.6

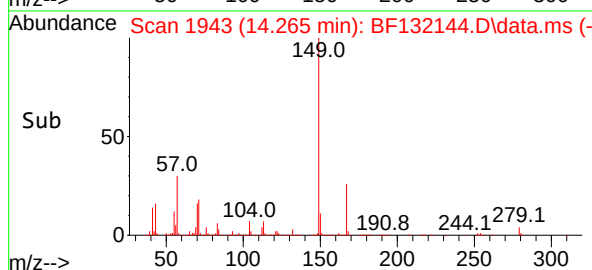
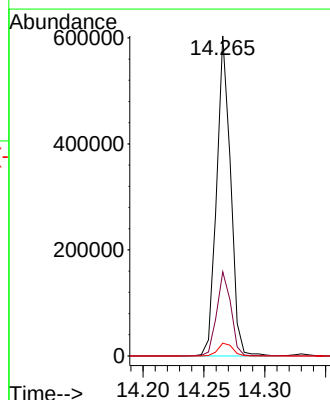
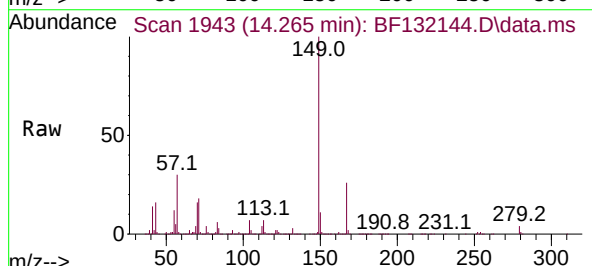
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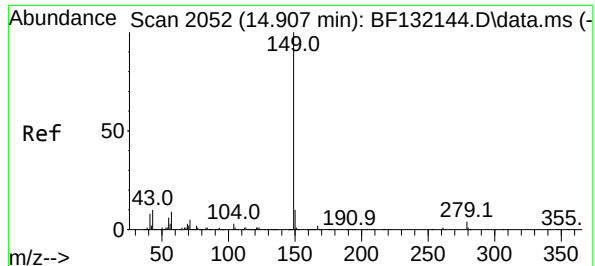
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.550 ng
RT: 14.265 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

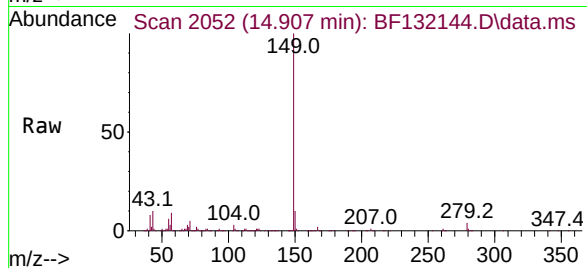
Tgt Ion:149 Resp: 478672
Ion Ratio Lower Upper
149 100
167 26.3 21.0 31.6
279 4.0 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 40.365 ng
RT: 14.907 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

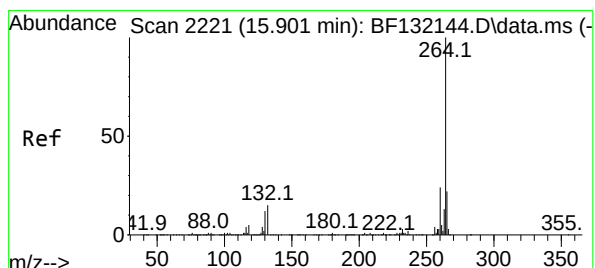
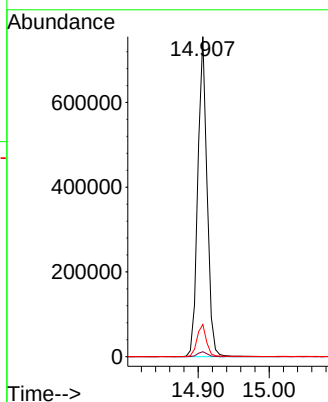
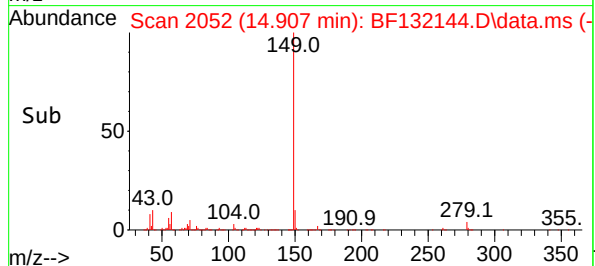
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:149 Resp: 681099
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.5 8.4 12.6

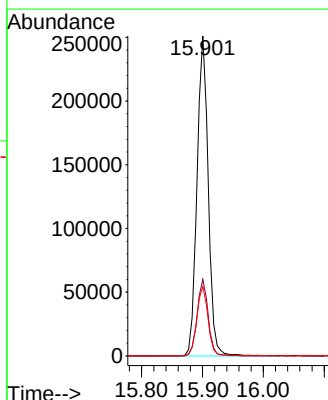
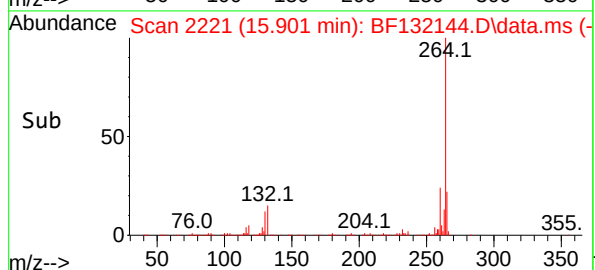
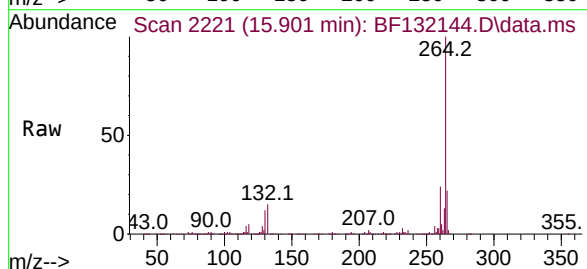
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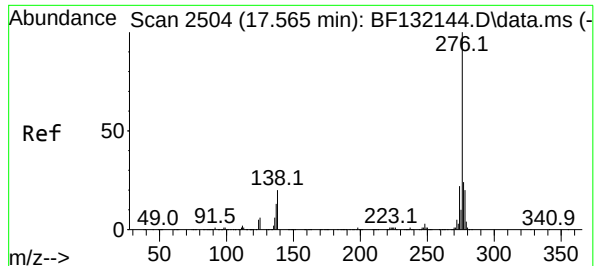
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.901 min Scan# 2221
Delta R.T. 0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

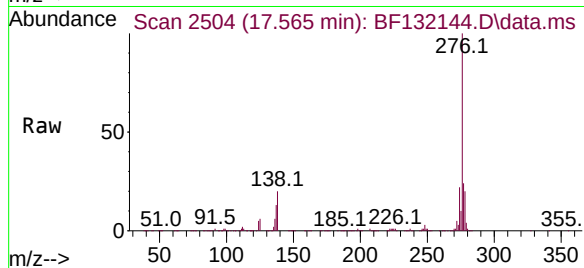
Tgt Ion:264 Resp: 321403
Ion Ratio Lower Upper
264 100
260 23.9 19.1 28.7
265 21.7 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.516 ng
RT: 17.565 min Scan# 2504
Delta R.T. 0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

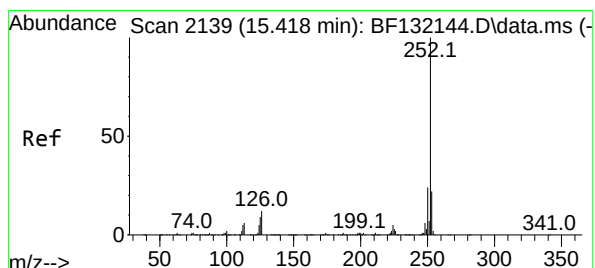
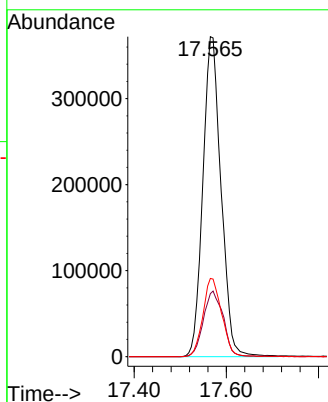
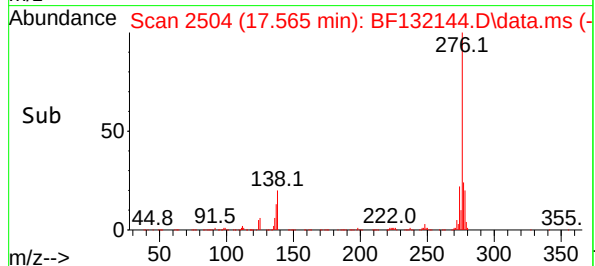
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:276 Resp: 1014980
Ion Ratio Lower Upper
276 100
138 22.4 17.9 26.9
277 25.2 20.2 30.2

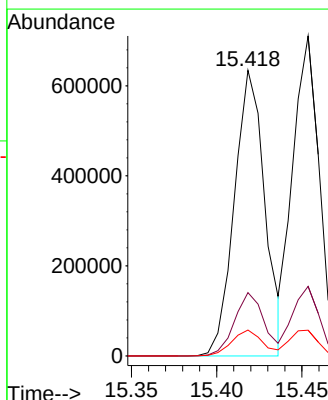
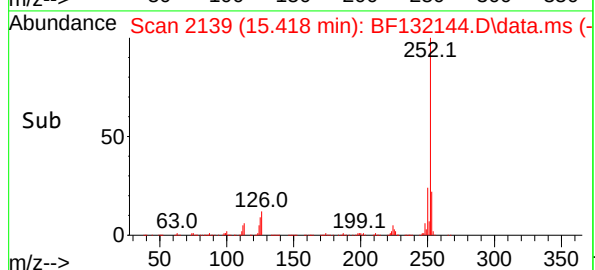
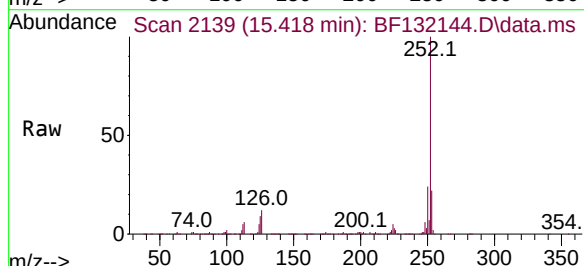
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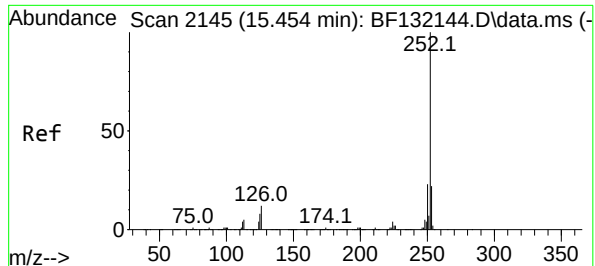
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#88
Benzo(b)fluoranthene
Concen: 40.413 ng
RT: 15.418 min Scan# 2139
Delta R.T. 0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

Tgt Ion:252 Resp: 790849
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 9.0 7.2 10.8





#89

Benzo(k)fluoranthene

Concen: 38.996 ng

RT: 15.454 min Scan# 2145

Delta R.T. -0.000 min

Lab File: BF132144.D

Acq: 19 Jan 2023 13:32

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:252 Resp: 778274

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

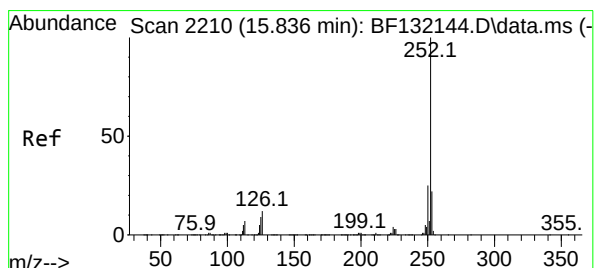
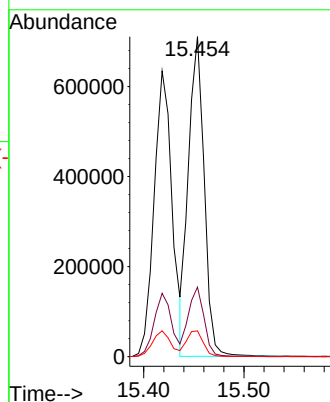
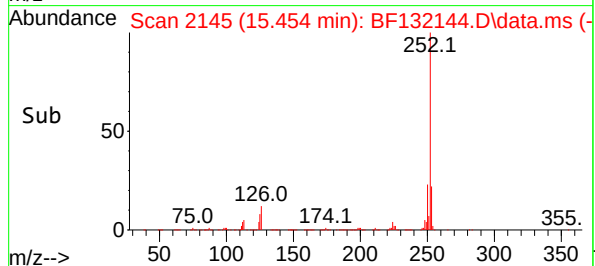
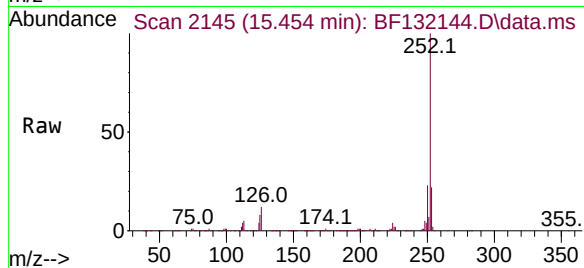
125 8.0 6.4 9.6

Manual Integrations

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#90

Benzo(a)pyrene

Concen: 40.813 ng

RT: 15.836 min Scan# 2210

Delta R.T. -0.000 min

Lab File: BF132144.D

Acq: 19 Jan 2023 13:32

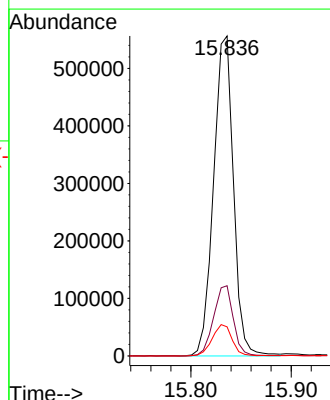
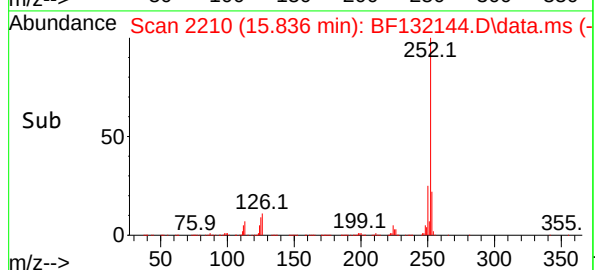
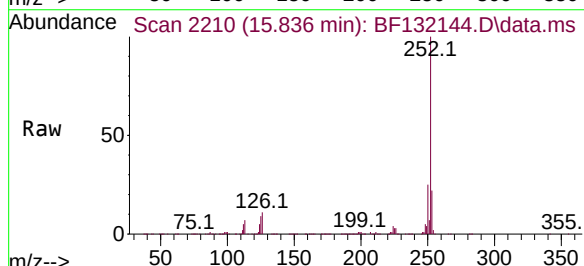
Tgt Ion:252 Resp: 768300

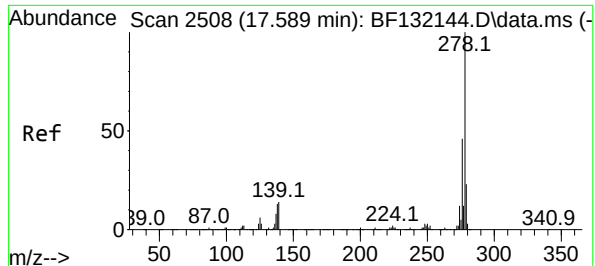
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

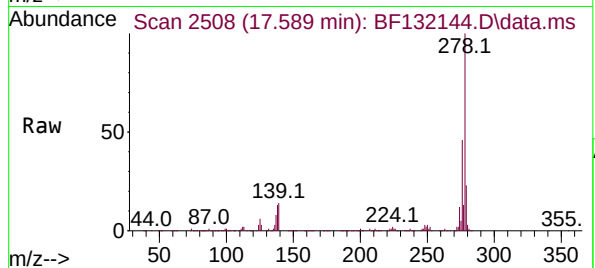
125 9.1 7.3 10.9





#91
Dibenzo(a,h)anthracene
Concen: 43.729 ng
RT: 17.589 min Scan# 2508
Delta R.T. -0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

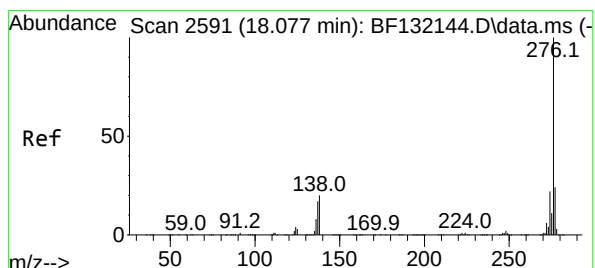
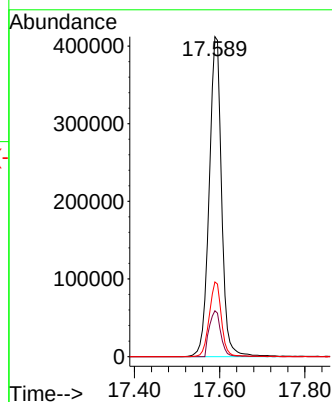
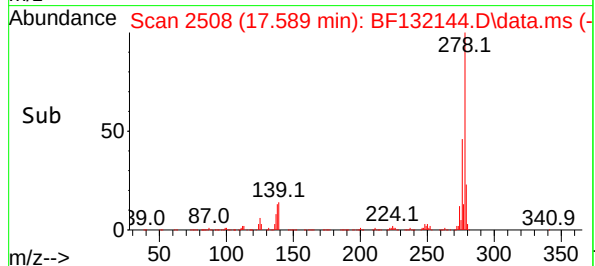
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:278 Resp: 831784
Ion Ratio Lower Upper
278 100
139 14.3 11.4 17.2
279 23.3 18.6 28.0

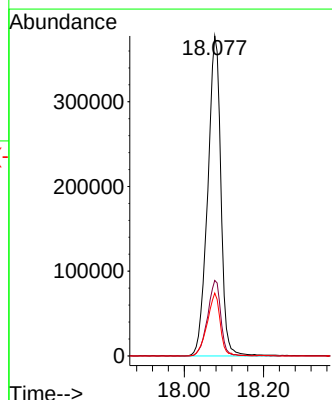
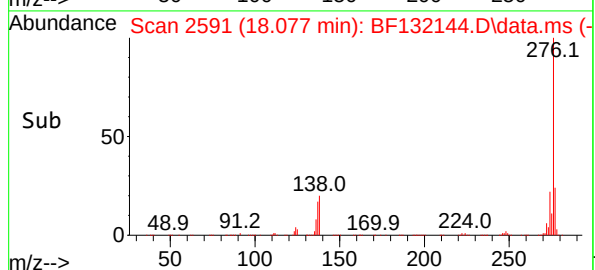
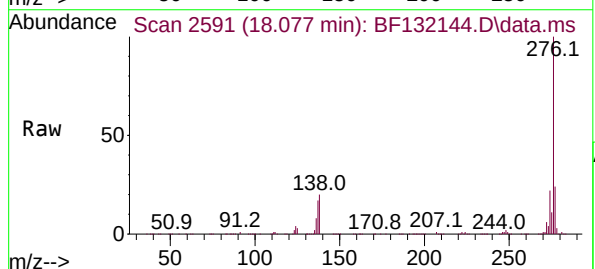
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#92
Benzo(g,h,i)perylene
Concen: 43.468 ng
RT: 18.077 min Scan# 2591
Delta R.T. 0.000 min
Lab File: BF132144.D
Acq: 19 Jan 2023 13:32

Tgt Ion:276 Resp: 870045
Ion Ratio Lower Upper
276 100
277 23.6 18.9 28.3
138 19.6 15.7 23.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011923\
 Data File : BF132145.D
 Acq On : 19 Jan 2023 14:05
 Operator : CG\JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/20/2023
 Supervised By : Jagrut Upadhyay 01/20/2023

Quant Time: Jan 20 00:12:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:07:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.089	152	177180	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	595908	20.000	ng	0.00
39) Acenaphthene-d10	10.148	164	310298	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	585882	20.000	ng	0.00
76) Chrysene-d12	14.307	240	311022	20.000	ng	0.00
86) Perylene-d12	15.901	264	346490	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.707	112	941792	92.855	ng	0.00
7) Phenol-d6	6.707	99	1174162	91.963	ng	0.00
23) Nitrobenzene-d5	7.660	82	1105681	98.568	ng	0.00
42) 2,4,6-Tribromophenol	10.942	330	336280	101.459	ng	0.00
45) 2-Fluorobiphenyl	9.460	172	1802173	90.894	ng	0.00
79) Terphenyl-d14	13.236	244	1735431	93.467	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.013	88	244783	47.637	ng	99
3) Pyridine	3.778	79	662788	48.048	ng	99
4) n-Nitrosodimethylamine	3.743	42	320636	49.424	ng	98
6) Aniline	6.760	93	826125	46.528	ng	99
8) 2-Chlorophenol	6.878	128	500010	46.899	ng	96
9) Benzaldehyde	6.648	77	360380	43.875	ng	97
10) Phenol	6.719	94	609126	45.828	ng	99
11) bis(2-Chloroethyl)ether	6.825	93	521642	46.360	ng	99
12) 1,3-Dichlorobenzene	7.037	146	549927	46.144	ng	98
13) 1,4-Dichlorobenzene	7.113	146	548549	46.128	ng	98
14) 1,2-Dichlorobenzene	7.266	146	499841	45.457	ng	98
15) Benzyl Alcohol	7.225	79	482950m	48.786	ng	
16) 2,2'-oxybis(1-Chloropr...	7.360	45	766802	46.888	ng	99
17) 2-Methylphenol	7.325	107	438415	46.939	ng	98
18) Hexachloroethane	7.607	117	206517	48.379	ng	99
19) n-Nitroso-di-n-propyla...	7.501	70	353160	45.157	ng	98
20) 3+4-Methylphenols	7.484	107	547088	46.485	ng	97
22) Acetophenone	7.501	105	641650	44.799	ng	97
24) Nitrobenzene	7.678	77	577756	48.645	ng	97
25) Isophorone	7.913	82	1058764	48.238	ng	99
26) 2-Nitrophenol	7.989	139	229233	55.366	ng	95
27) 2,4-Dimethylphenol	8.019	122	459142	48.345	ng	99
28) bis(2-Chloroethoxy)met...	8.119	93	606059	46.022	ng	100
29) 2,4-Dichlorophenol	8.231	162	438374	48.619	ng	98
30) 1,2,4-Trichlorobenzene	8.319	180	476787	46.556	ng	99
31) Naphthalene	8.401	128	1402749	45.835	ng	99
32) Benzoic acid	8.125	122	297419m	53.348	ng	
33) 4-Chloroaniline	8.442	127	613040	46.808	ng	99
34) Hexachlorobutadiene	8.513	225	327490	47.602	ng	99
35) Caprolactam	8.825	113	133328	52.242	ng	95
36) 4-Chloro-3-methylphenol	8.913	107	454054	50.041	ng	96
37) 2-Methylnaphthalene	9.095	142	957373	45.435	ng	99
38) 1-Methylnaphthalene	9.195	142	892550	45.525	ng	98
40) 1,2,4,5-Tetrachloroben...	9.260	216	497324	46.064	ng	99
41) Hexachlorocyclopentadiene	9.248	237	301713	51.212	ng	99
43) 2,4,6-Trichlorophenol	9.366	196	339356	50.648	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011923\
 Data File : BF132145.D
 Acq On : 19 Jan 2023 14:05
 Operator : CG\JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/20/2023
 Supervised By : Jagrut Upadhyay 01/20/2023

Quant Time: Jan 20 00:12:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:07:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.401	196	391297	49.934	ng	97
46) 1,1'-Biphenyl	9.560	154	1124635	45.940	ng	99
47) 2-Chloronaphthalene	9.589	162	877513	46.370	ng	97
48) 2-Nitroaniline	9.678	65	303436	55.690	ng	97
49) Acenaphthylene	10.007	152	1423101	47.008	ng	99
50) Dimethylphthalate	9.860	163	1061697	47.242	ng	99
51) 2,6-Dinitrotoluene	9.919	165	232348	53.340	ng	88
52) Acenaphthene	10.183	154	841514	46.213	ng	99
53) 3-Nitroaniline	10.095	138	247567	53.158	ng	96
54) 2,4-Dinitrophenol	10.189	184	96577	54.894	ng	# 33
55) Dibenzofuran	10.354	168	1312755	46.650	ng	98
56) 4-Nitrophenol	10.230	139	187684	55.373	ng	90
57) 2,4-Dinitrotoluene	10.325	165	288781	55.230	ng	95
58) Fluorene	10.701	166	945267	45.333	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.466	232	305023	51.170	ng	99
60) Diethylphthalate	10.560	149	1077388	48.887	ng	99
61) 4-Chlorophenyl-phenyle...	10.683	204	515105	46.133	ng	97
62) 4-Nitroaniline	10.713	138	224981	51.889	ng	100
63) Azobenzene	10.848	77	1046552	47.316	ng	97
65) 4,6-Dinitro-2-methylph...	10.736	198	137036	53.948	ng	90
66) n-Nitrosodiphenylamine	10.807	169	875788	46.675	ng	99
67) 4-Bromophenyl-phenylether	11.183	248	336414	47.108	ng	92
68) Hexachlorobenzene	11.248	284	335056	47.208	ng	96
69) Atrazine	11.324	200	277856	47.996	ng	98
70) Pentachlorophenol	11.436	266	243980	53.494	ng	99
71) Phenanthrene	11.672	178	1406598	45.749	ng	99
72) Anthracene	11.724	178	1413425	45.441	ng	100
73) Carbazole	11.871	167	1214908	45.726	ng	100
74) Di-n-butylphthalate	12.195	149	1431340	48.393	ng	99
75) Fluoranthene	12.866	202	1433519	45.390	ng	100
77) Benzidine	12.983	184	442327	47.367	ng	99
78) Pyrene	13.101	202	1414860	49.360	ng	99
80) Butylbenzylphthalate	13.707	149	464683	55.942	ng	99
81) Benzo(a)anthracene	14.295	228	1090452	49.077	ng	100
82) 3,3'-Dichlorobenzidine	14.254	252	324871	52.500	ng	99
83) Chrysene	14.330	228	1018676	48.165	ng	99
84) Bis(2-ethylhexyl)phtha...	14.265	149	612928	55.881	ng	100
85) Di-n-octyl phthalate	14.907	149	923139	54.824	ng	99
87) Indeno(1,2,3-cd)pyrene	17.571	276	1347579	53.593	ng	100
88) Benzo(b)fluoranthene	15.418	252	1008597	47.809	ng	100
89) Benzo(k)fluoranthene	15.454	252	1002201	46.580	ng	98
90) Benzo(a)pyrene	15.836	252	1011307	49.832	ng	99
91) Dibenzo(a,h)anthracene	17.595	278	1082263	52.778	ng	98
92) Benzo(g,h,i)perylene	18.089	276	1150332	53.311	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

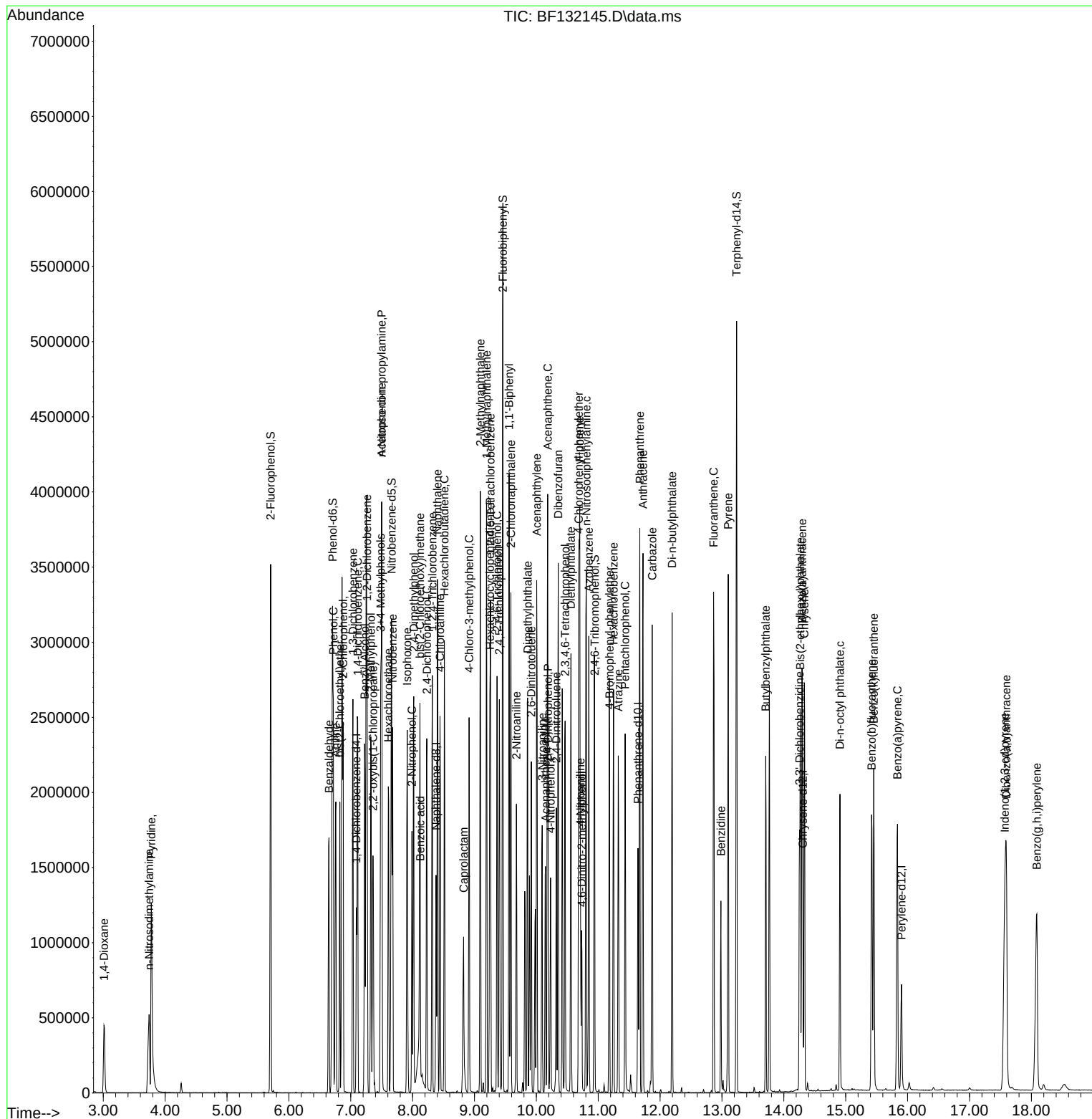
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Data File : BF132145.D  
Acq On    : 19 Jan 2023  14:05  
Operator  : CG\JU  
Sample    : SSTDICC050  
Misc      :  
ALS Vial  : 7   Sample Multiplier: 1
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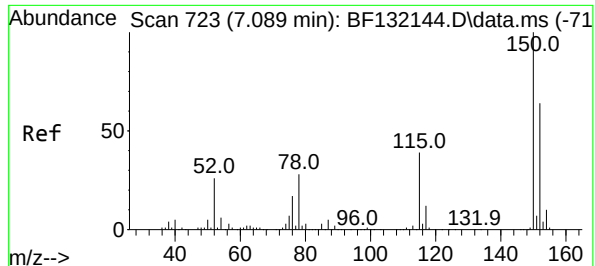
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jaqrut Upadhyay 01/20/2023

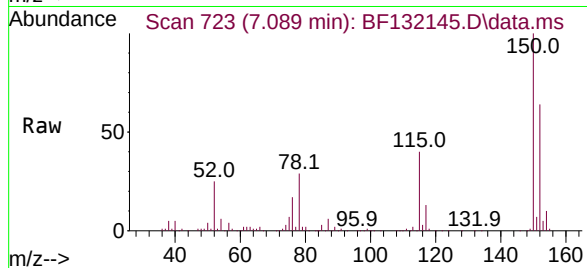
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 20 00:07:35 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.089 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132145.D
Acq: 19 Jan 2023 14:05

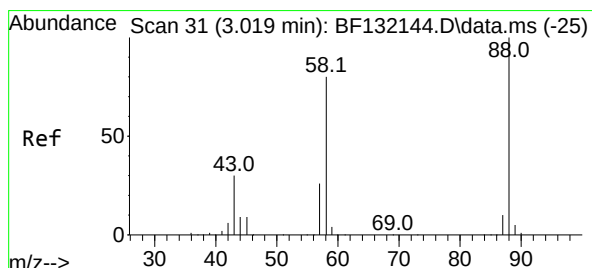
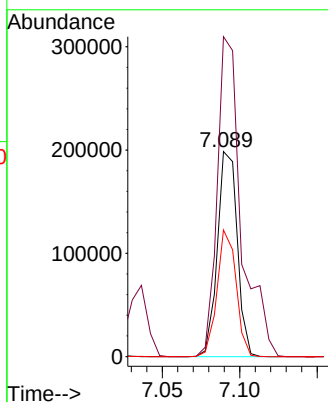
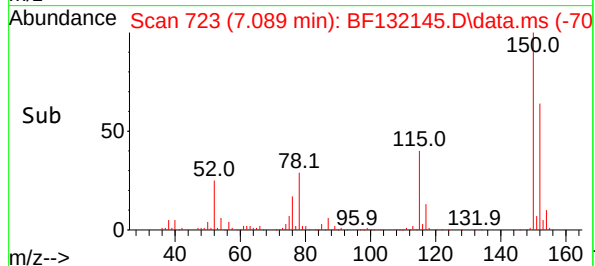
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:152 Resp: 177180
Ion Ratio Lower Upper
152 100
150 156.0 125.8 188.8
115 61.8 49.2 73.8

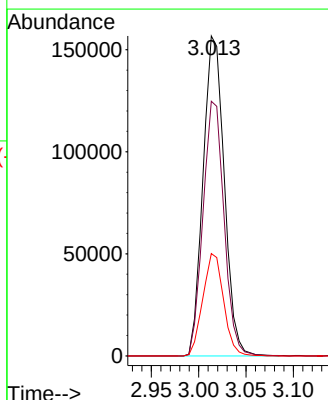
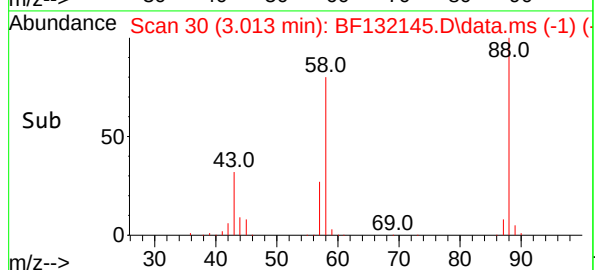
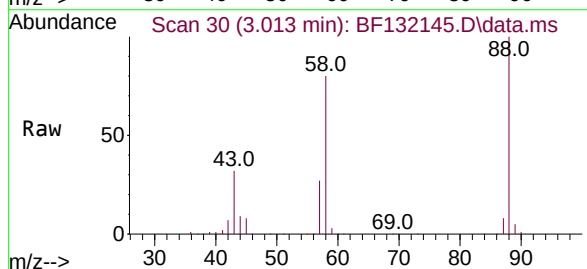
Manual Integrations
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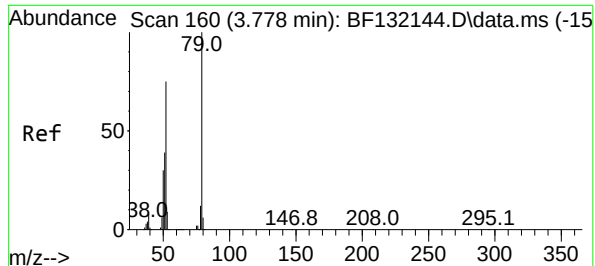
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#2
1,4-Dioxane
Concen: 47.637 ng
RT: 3.013 min Scan# 30
Delta R.T. -0.006 min
Lab File: BF132145.D
Acq: 19 Jan 2023 14:05

Tgt Ion: 88 Resp: 244783
Ion Ratio Lower Upper
88 100
58 78.9 64.0 96.0
43 31.3 24.2 36.4





#3

Pyridine

Concen: 48.048 ng

RT: 3.778 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF132145.D

Acq: 19 Jan 2023 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 79 Resp: 662788

Ion Ratio Lower Upper

79 100

52 76.1 60.1 90.1

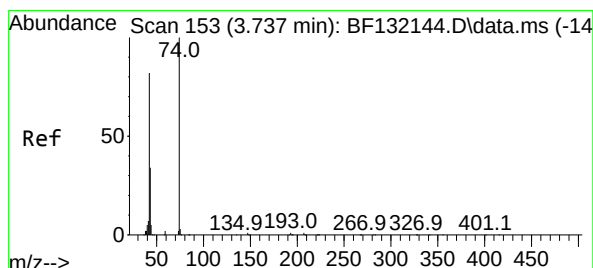
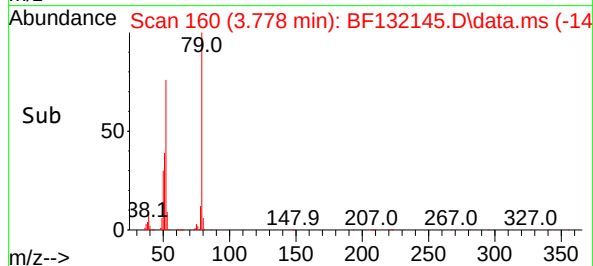
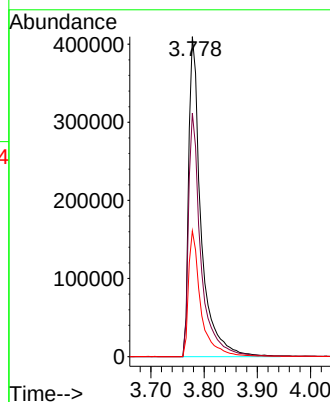
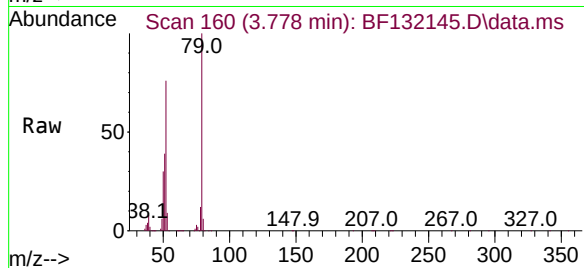
51 39.3 31.4 47.0

Manual Integrations

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#4

n-Nitrosodimethylamine

Concen: 49.424 ng

RT: 3.743 min Scan# 154

Delta R.T. 0.006 min

Lab File: BF132145.D

Acq: 19 Jan 2023 14:05

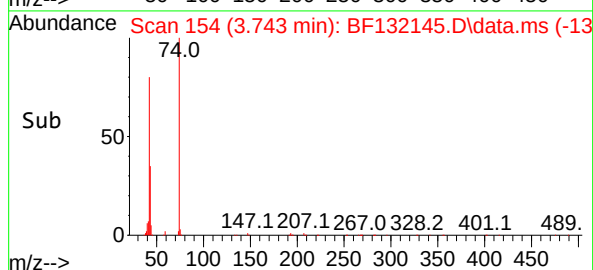
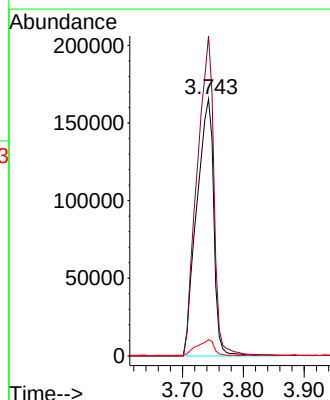
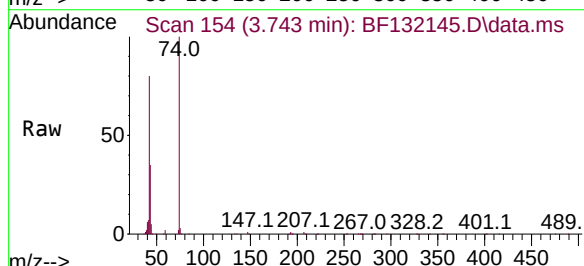
Tgt Ion: 42 Resp: 320636

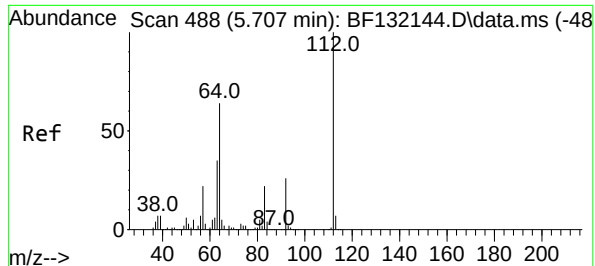
Ion Ratio Lower Upper

42 100

74 124.6 98.1 147.1

44 6.3 5.2 7.8





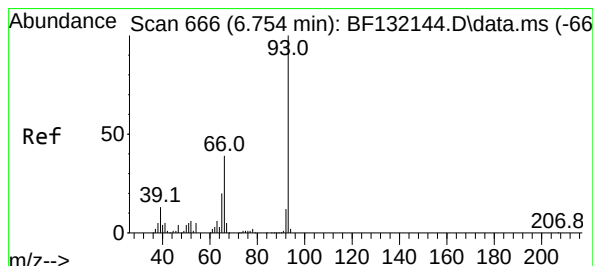
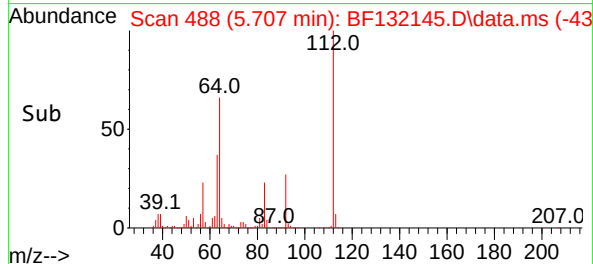
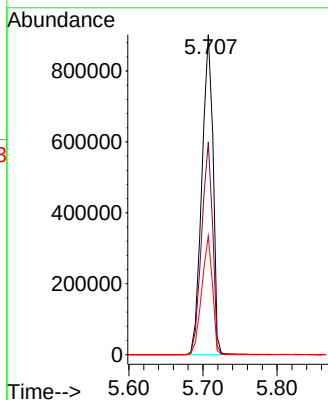
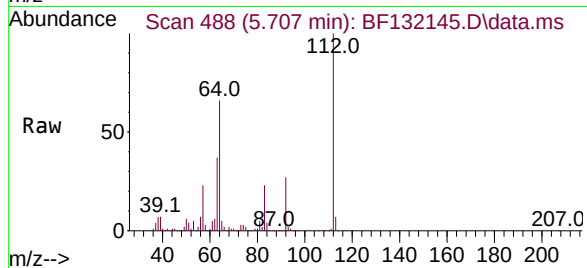
#5
2-Fluorophenol
Concen: 92.855 ng
RT: 5.707 min Scan# 488
Delta R.T. -0.000 min
Lab File: BF132145.D
Acq: 19 Jan 2023 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 112 Resp: 941792
Ion Ratio Lower Upper
112 100
64 66.3 51.4 77.0
63 37.1 28.2 42.2

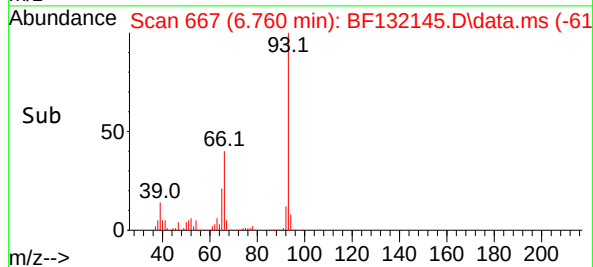
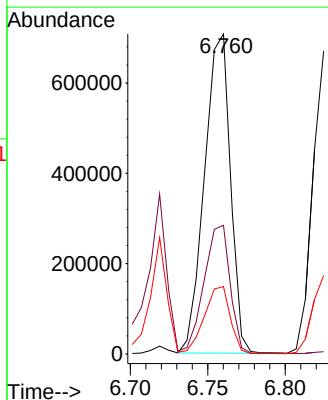
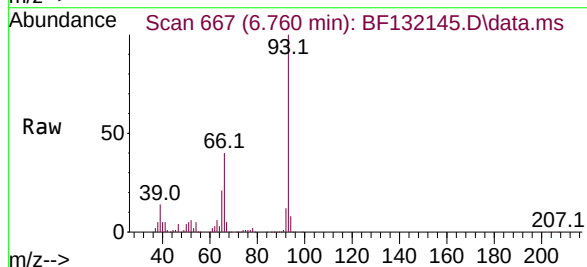
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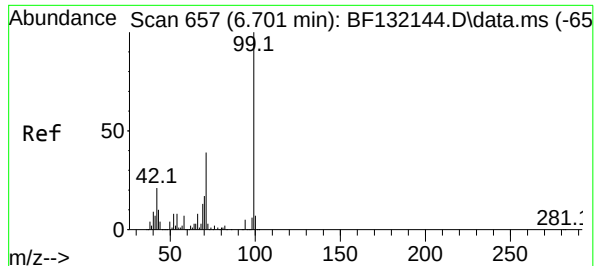
Reviewed By : Christian Giraldo 01/20/2023
Supervised By : Jagrut Upadhyay 01/20/2023



#6
Aniline
Concen: 46.528 ng
RT: 6.760 min Scan# 667
Delta R.T. 0.006 min
Lab File: BF132145.D
Acq: 19 Jan 2023 14:05

Tgt Ion: 93 Resp: 826125
Ion Ratio Lower Upper
93 100
66 40.2 33.0 49.6
65 21.0 16.8 25.2





#7

Phenol-d6

Concen: 91.963 ng

RT: 6.707 min Scan# 657

Delta R.T. 0.006 min

Lab File: BF132145.D

Acq: 19 Jan 2023 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 99 Resp: 1174162

Ion Ratio Lower Upper

99 100

42 21.0 16.6 24.8

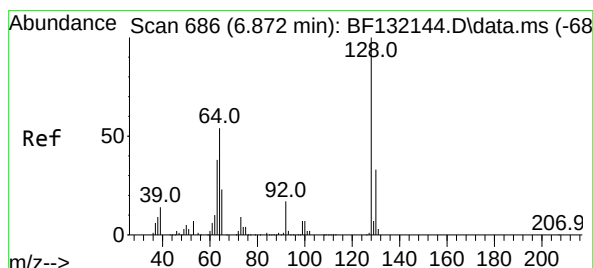
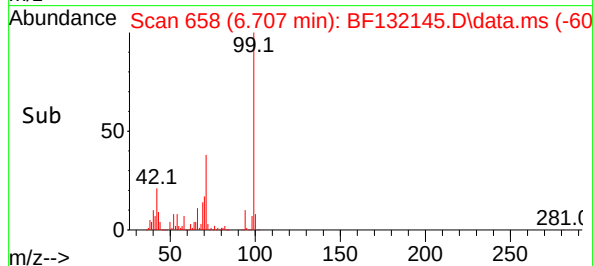
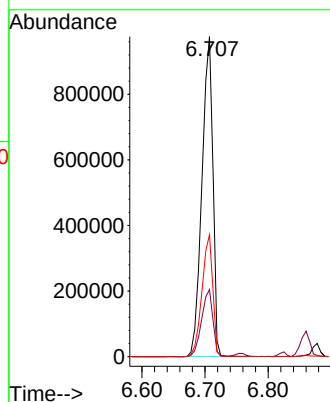
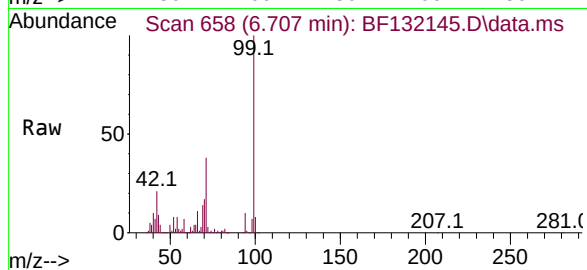
71 38.1 30.8 46.2

Manual Integrations

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#8

2-Chlorophenol

Concen: 46.899 ng

RT: 6.878 min Scan# 687

Delta R.T. 0.006 min

Lab File: BF132145.D

Acq: 19 Jan 2023 14:05

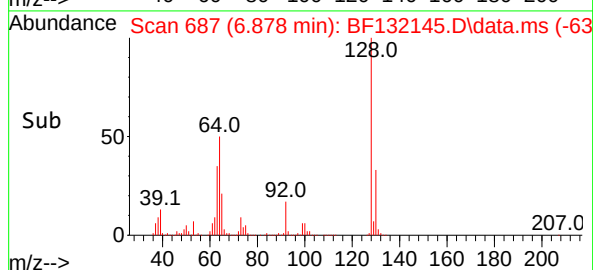
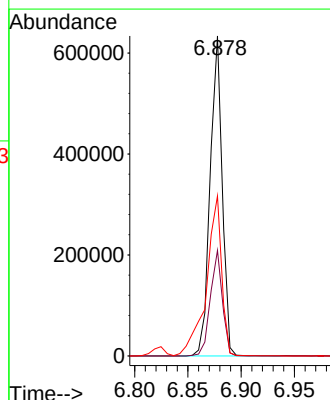
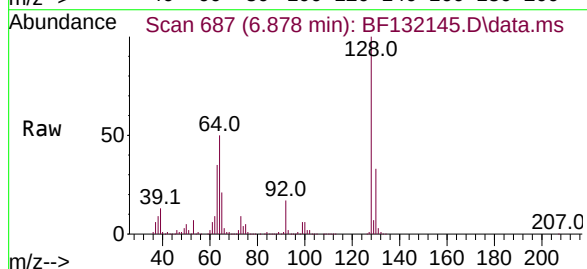
Tgt Ion:128 Resp: 500010

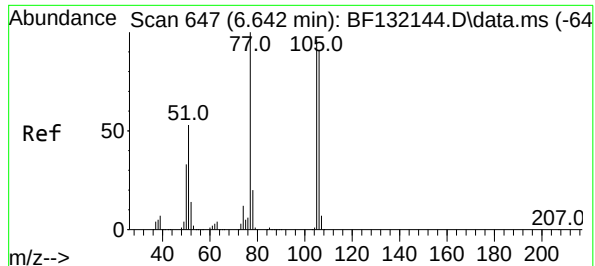
Ion Ratio Lower Upper

128 100

130 33.0 12.8 52.8

64 50.0 34.8 74.8





#9

Benzaldehyde

Concen: 43.875 ng

RT: 6.648 min Scan# 647

Delta R.T. 0.006 min

Lab File: BF132145.D

Acq: 19 Jan 2023 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 77 Resp: 360380

Ion Ratio Lower Upper

77 100

105 96.6 75.5 115.5

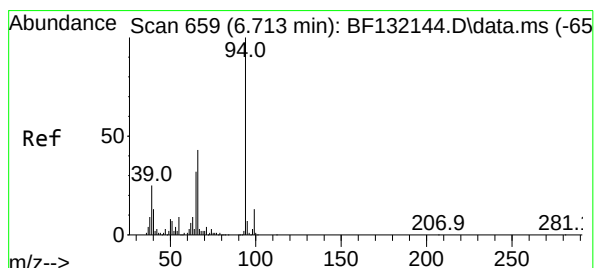
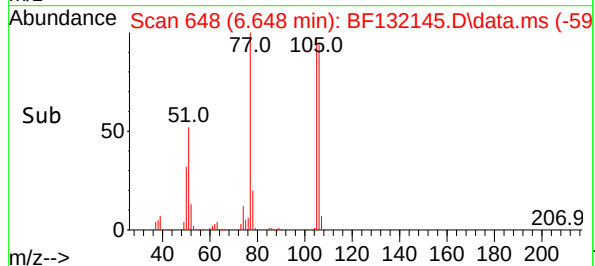
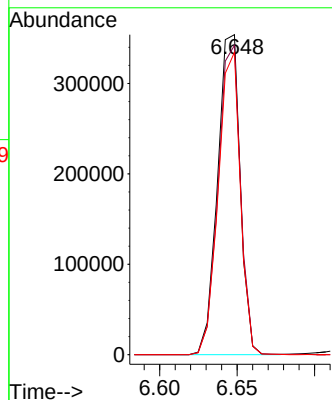
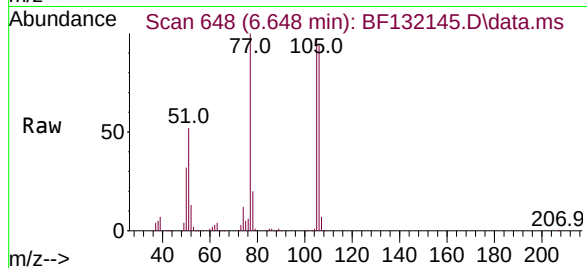
106 94.5 70.7 110.7

Manual Integrations

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#10

Phenol

Concen: 45.828 ng

RT: 6.719 min Scan# 660

Delta R.T. 0.006 min

Lab File: BF132145.D

Acq: 19 Jan 2023 14:05

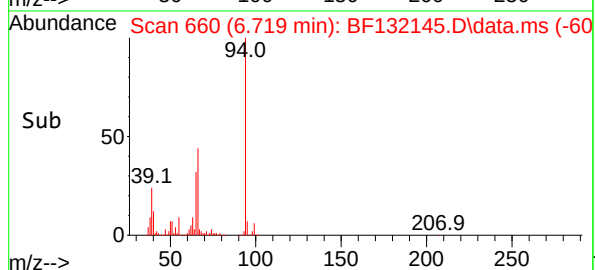
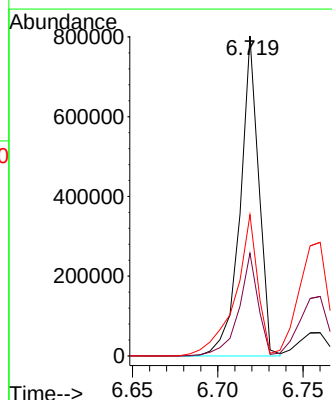
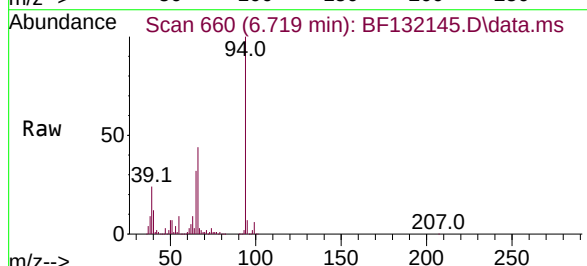
Tgt Ion: 94 Resp: 609126

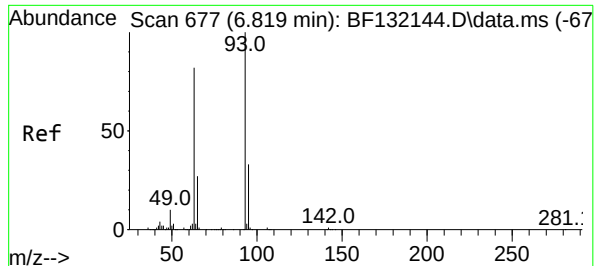
Ion Ratio Lower Upper

94 100

65 32.1 12.0 52.0

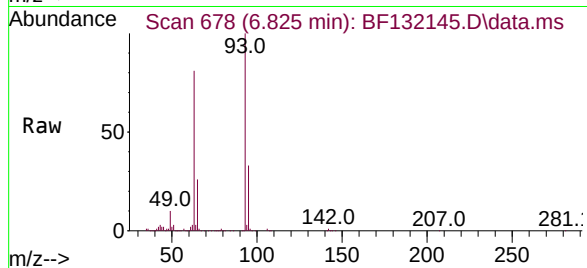
66 44.1 22.7 62.7





#11
bis(2-Chloroethyl)ether
Concen: 46.360 ng
RT: 6.825 min Scan# 61
Delta R.T. 0.006 min
Lab File: BF132145.D
Acq: 19 Jan 2023 14:05

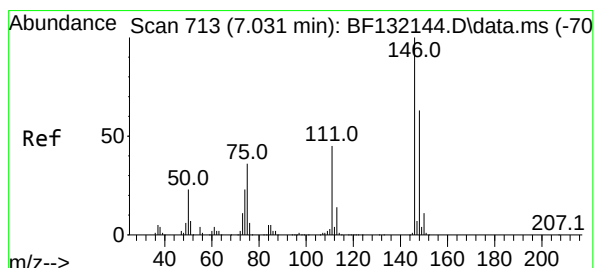
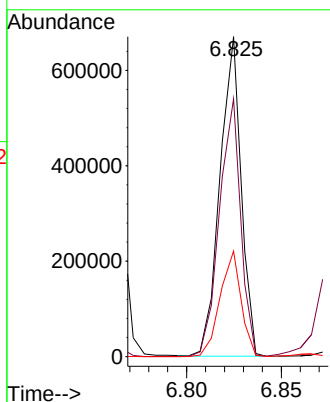
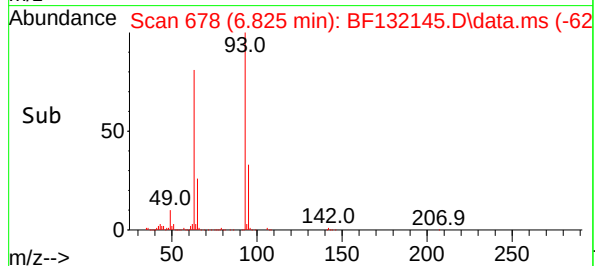
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



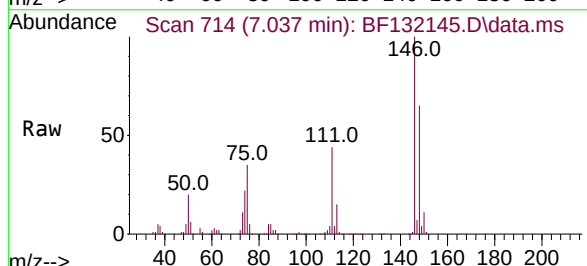
Tgt Ion: 93 Resp: 521642
Ion Ratio Lower Upper
93 100
63 80.6 61.6 101.6
95 33.0 12.7 52.7

Manual Integrations
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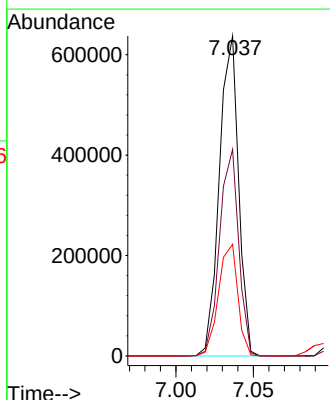
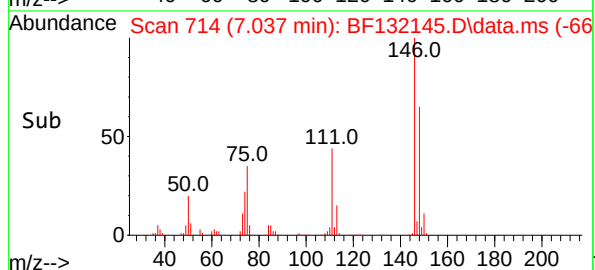
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

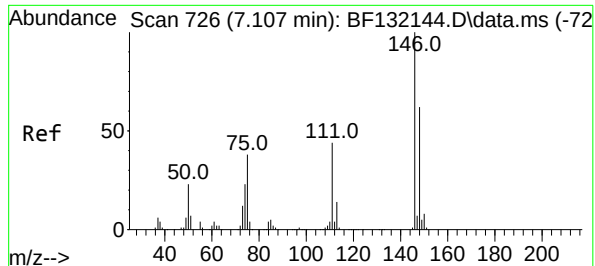


#12
1,3-Dichlorobenzene
Concen: 46.144 ng
RT: 7.037 min Scan# 714
Delta R.T. 0.006 min
Lab File: BF132145.D
Acq: 19 Jan 2023 14:05



Tgt Ion:146 Resp: 549927
Ion Ratio Lower Upper
146 100
148 64.5 50.0 75.0
75 34.9 28.8 43.2





#13

1,4-Dichlorobenzene

Concen: 46.128 ng

RT: 7.113 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF132145.D

Acq: 19 Jan 2023 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:146 Resp: 548549

Ion Ratio Lower Upper

146 100

148 64.1 49.9 74.9

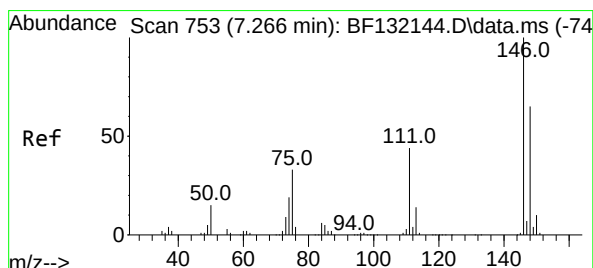
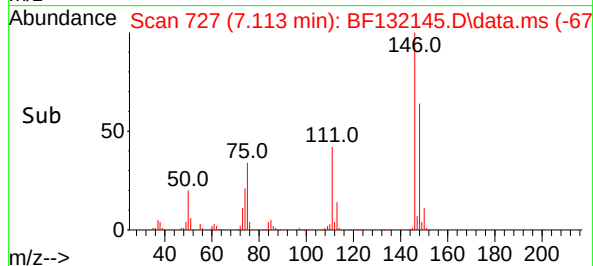
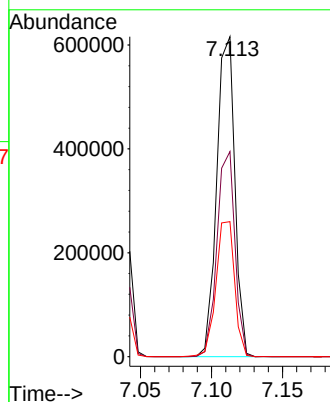
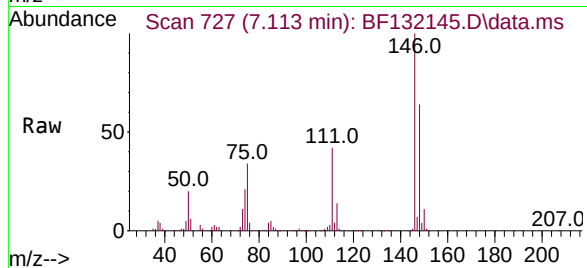
111 42.2 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#14

1,2-Dichlorobenzene

Concen: 45.457 ng

RT: 7.266 min Scan# 753

Delta R.T. -0.000 min

Lab File: BF132145.D

Acq: 19 Jan 2023 14:05

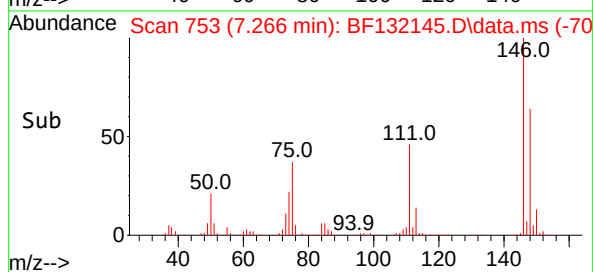
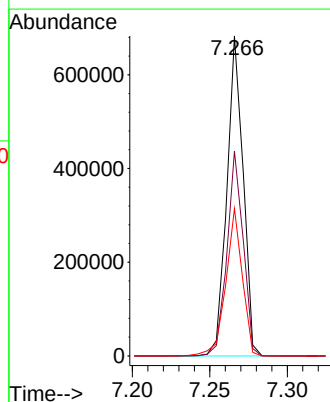
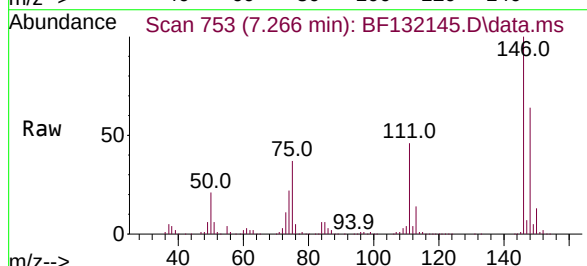
Tgt Ion:146 Resp: 499841

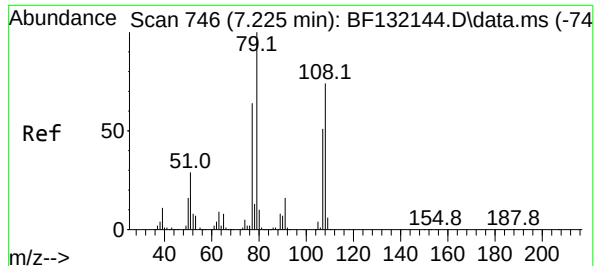
Ion Ratio Lower Upper

146 100

148 64.0 52.0 78.0

111 46.1 35.4 53.2





#15

Benzyl Alcohol

Concen: 48.786 ng m

RT: 7.225 min Scan# 746

Delta R.T. -0.000 min

Lab File: BF132145.D

Acq: 19 Jan 2023 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 79 Resp: 482950

Ion Ratio Lower Upper

79 100

108 70.8 58.9 88.3

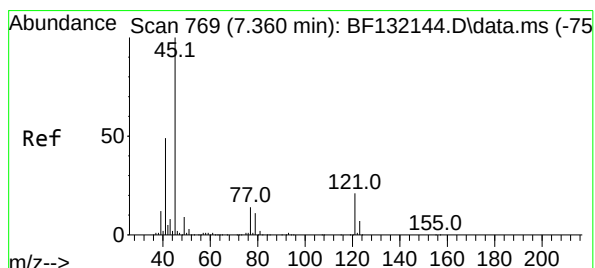
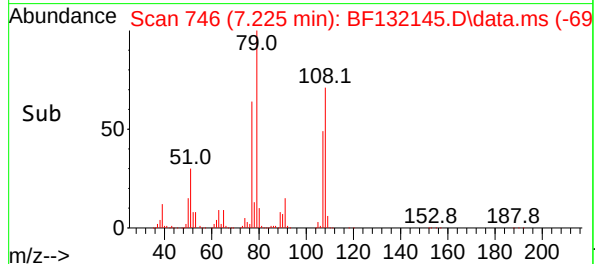
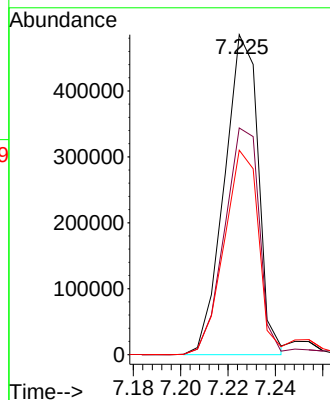
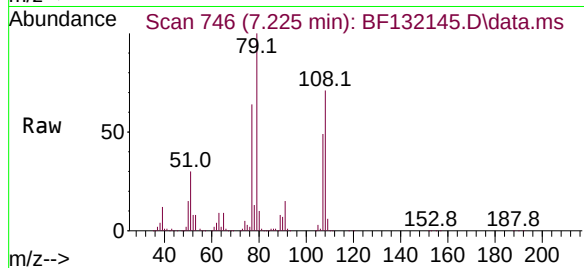
77 63.9 51.1 76.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.888 ng

RT: 7.360 min Scan# 769

Delta R.T. -0.000 min

Lab File: BF132145.D

Acq: 19 Jan 2023 14:05

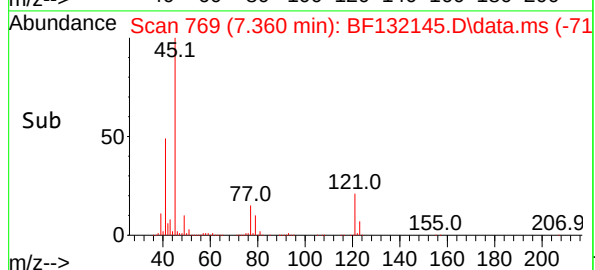
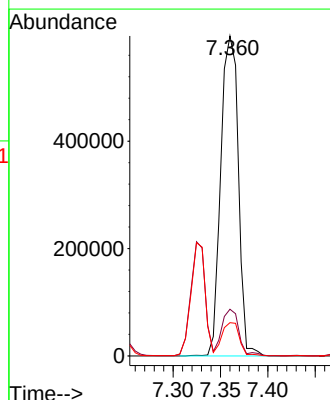
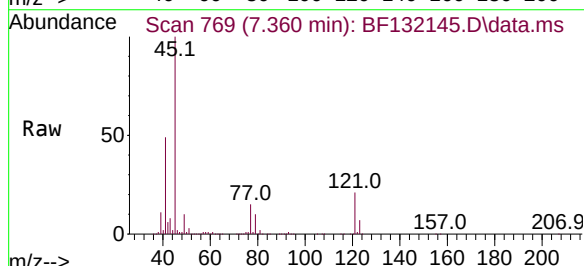
Tgt Ion: 45 Resp: 766802

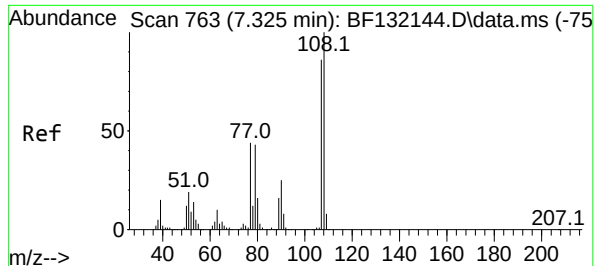
Ion Ratio Lower Upper

45 100

77 14.6 0.0 34.3

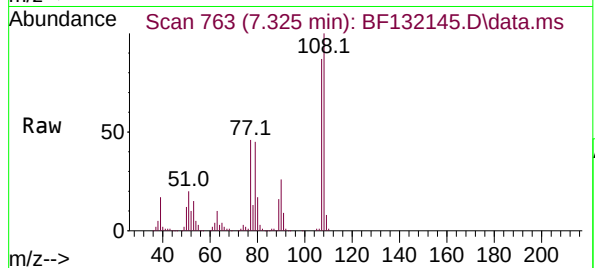
79 10.4 0.0 30.9





#17
2-Methylphenol
Concen: 46.939 ng
RT: 7.325 min Scan# 763
Delta R.T. -0.000 min
Lab File: BF132145.D
Acq: 19 Jan 2023 14:05

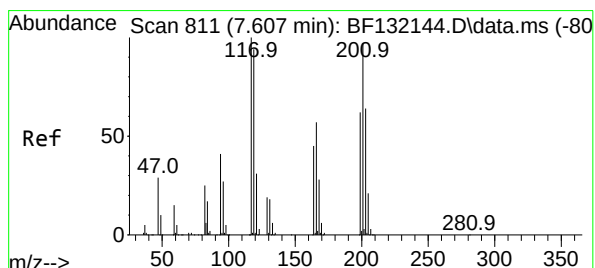
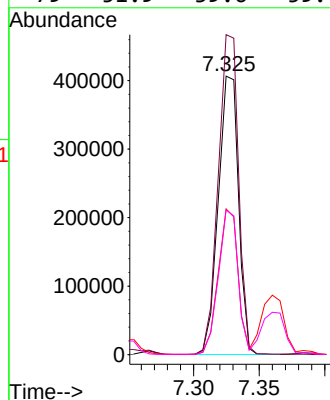
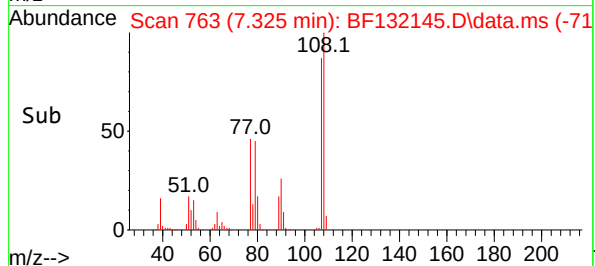
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:107 Resp: 438415
Ion Ratio Lower Upper
107 100
108 114.9 92.8 139.2
77 52.3 41.1 61.7
79 51.9 39.6 59.4

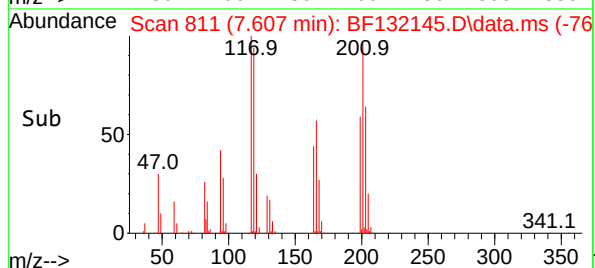
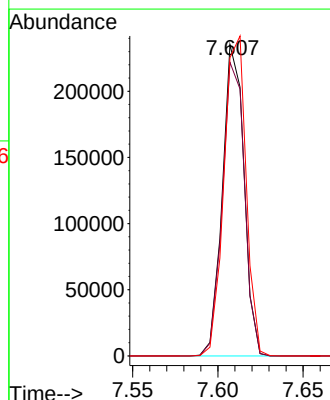
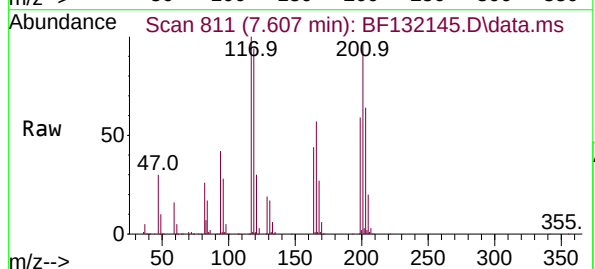
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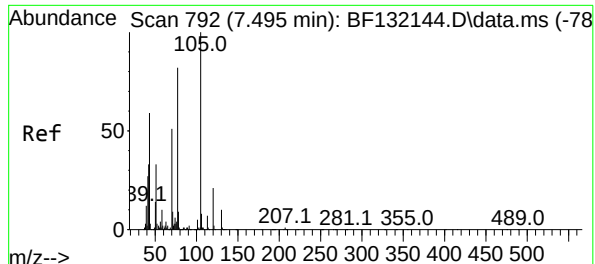
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#18
Hexachloroethane
Concen: 48.379 ng
RT: 7.607 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF132145.D
Acq: 19 Jan 2023 14:05

Tgt Ion:117 Resp: 206517
Ion Ratio Lower Upper
117 100
119 94.3 75.4 113.0
201 95.8 77.9 116.9





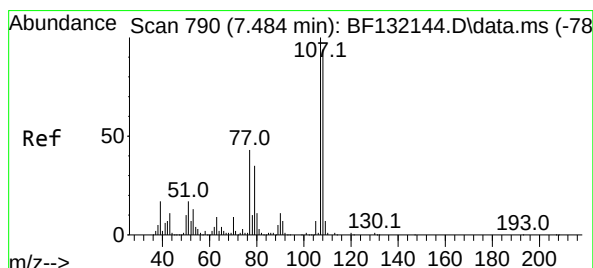
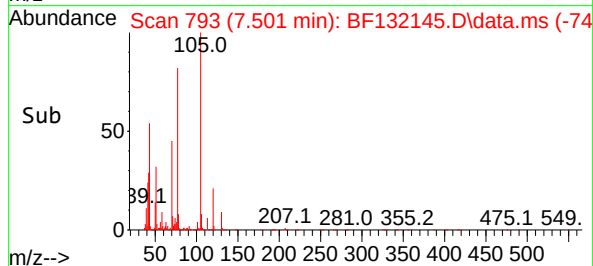
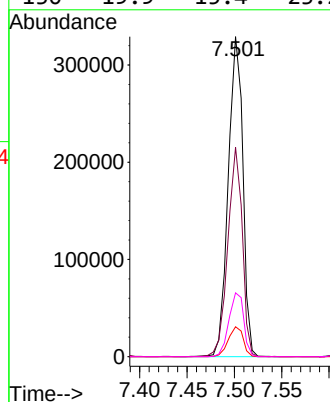
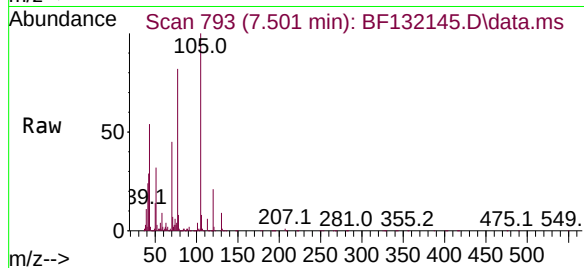
#19
n-Nitroso-di-n-propylamine
Concen: 45.157 ng
RT: 7.501 min Scan# 79
Delta R.T. 0.006 min
Lab File: BF132145.D
Acq: 19 Jan 2023 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 70 Resp: 353160
Ion Ratio Lower Upper
70 100
42 65.4 51.0 76.4
101 9.3 7.3 10.9
130 19.9 15.4 23.2

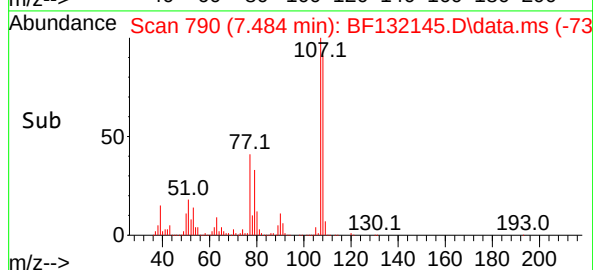
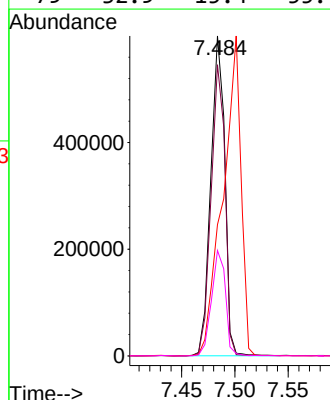
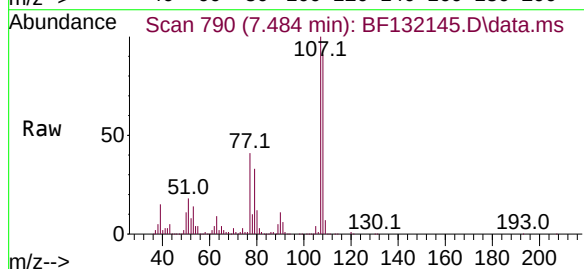
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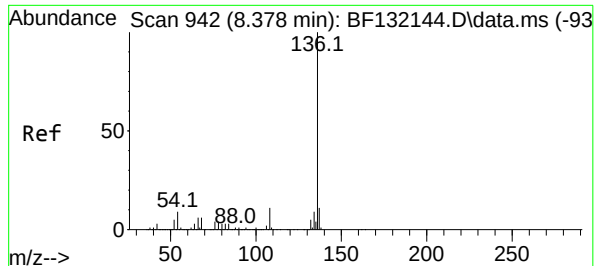
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#20
3+4-Methylphenols
Concen: 46.485 ng
RT: 7.484 min Scan# 790
Delta R.T. -0.000 min
Lab File: BF132145.D
Acq: 19 Jan 2023 14:05

Tgt Ion:107 Resp: 547088
Ion Ratio Lower Upper
107 100
108 91.0 73.8 113.8
77 41.0 22.8 62.8
79 32.9 15.4 55.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.378 min Scan# 942

Delta R.T. -0.000 min

Lab File: BF132145.D

Acq: 19 Jan 2023 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:136 Resp: 595908

Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.8 7.0 10.6

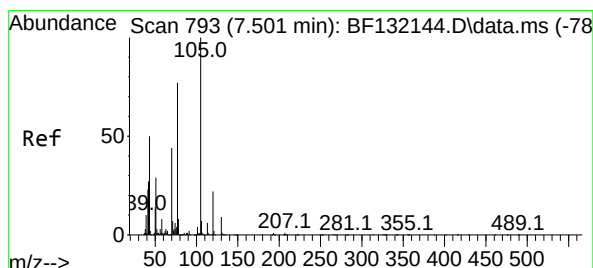
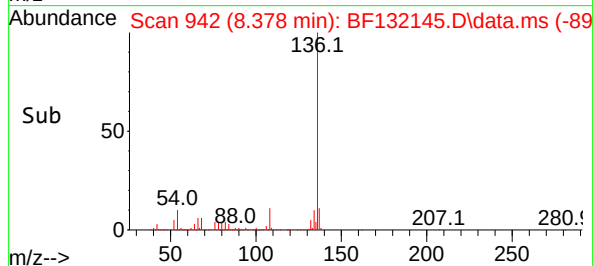
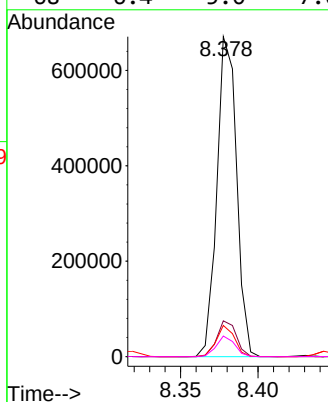
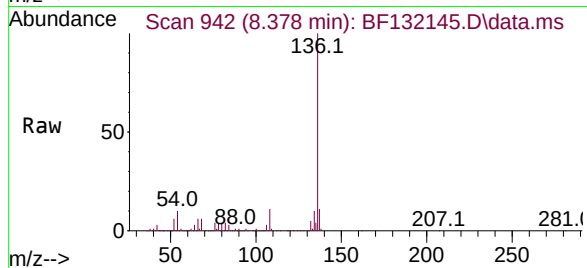
68 6.4 5.0 7.6

Manual Integrations

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#22

Acetophenone

Concen: 44.799 ng

RT: 7.501 min Scan# 793

Delta R.T. -0.000 min

Lab File: BF132145.D

Acq: 19 Jan 2023 14:05

Tgt Ion:105 Resp: 641650

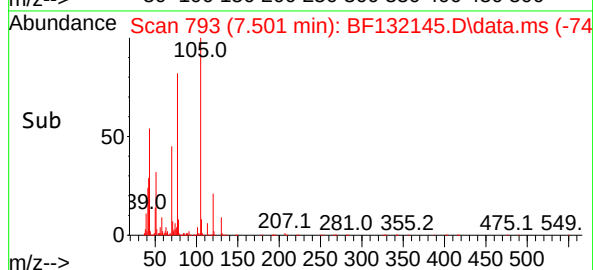
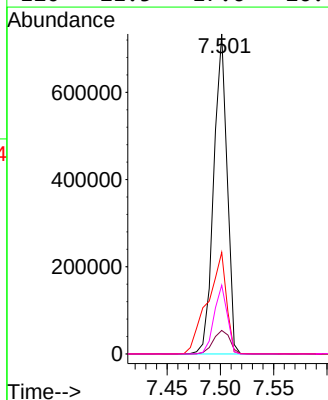
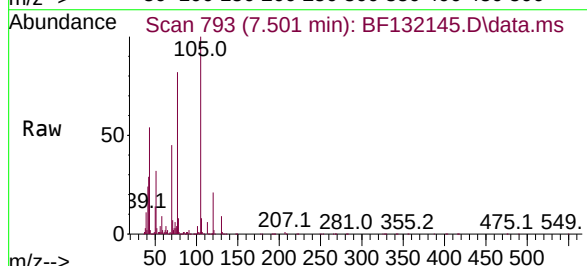
Ion Ratio Lower Upper

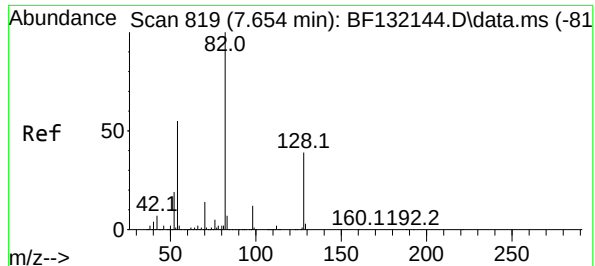
105 100

71 7.3 5.8 8.6

51 31.7 23.0 34.6

120 21.5 17.6 26.4





#23

Nitrobenzene-d5

Concen: 98.568 ng

RT: 7.660 min Scan# 819

Delta R.T. 0.006 min

Lab File: BF132145.D

Acq: 19 Jan 2023 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 110568

Ion Ratio Lower Upper

82 100

128 40.3 31.1 46.7

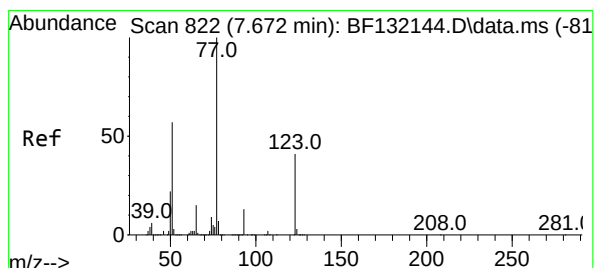
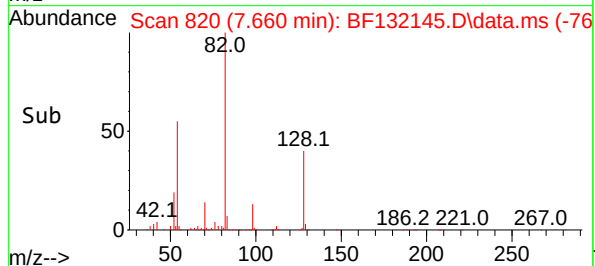
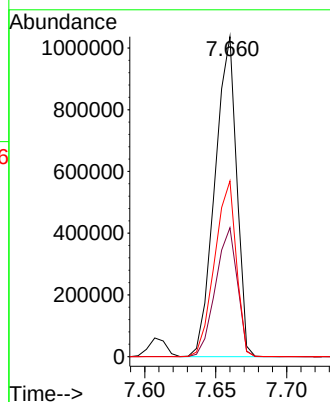
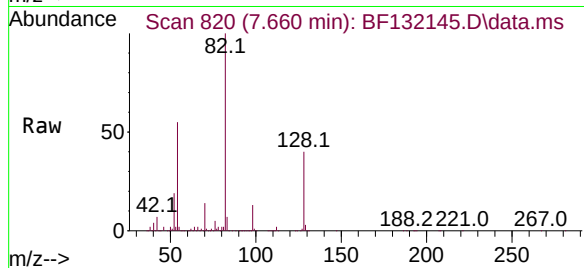
54 54.9 43.9 65.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#24

Nitrobenzene

Concen: 48.645 ng

RT: 7.678 min Scan# 823

Delta R.T. 0.006 min

Lab File: BF132145.D

Acq: 19 Jan 2023 14:05

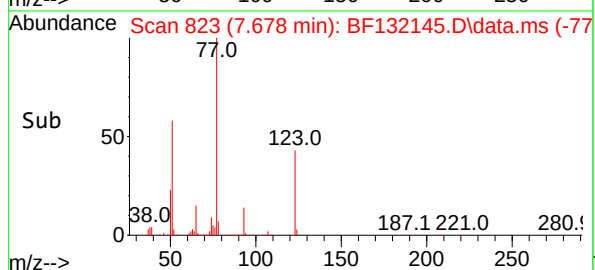
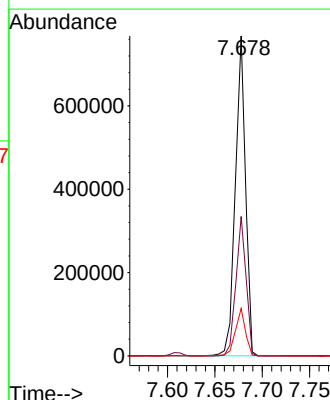
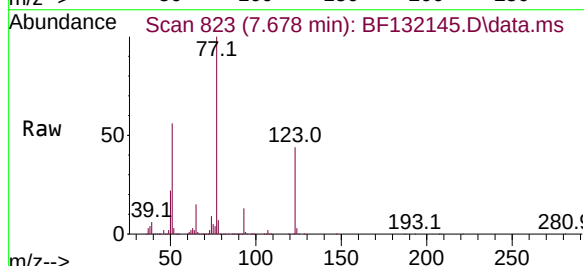
Tgt Ion: 77 Resp: 577756

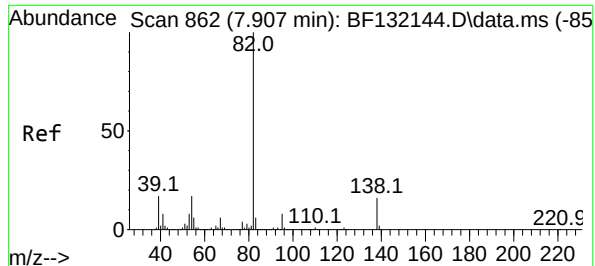
Ion Ratio Lower Upper

77 100

123 43.6 33.1 49.7

65 14.8 11.7 17.5





#25

Isophorone

Concen: 48.238 ng

RT: 7.913 min Scan# 863

Delta R.T. 0.006 min

Lab File: BF132145.D

Acq: 19 Jan 2023 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 1058764

Ion Ratio Lower Upper

82 100

95 7.6 6.2 9.2

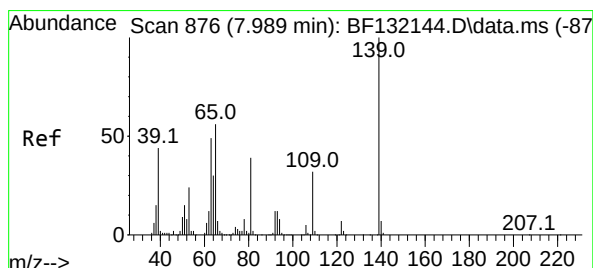
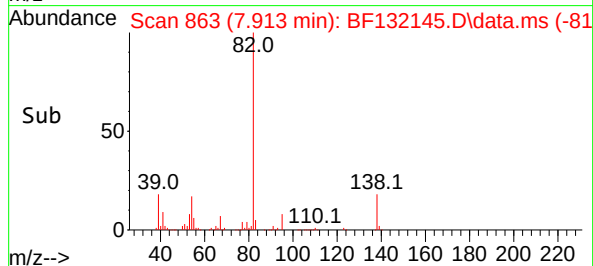
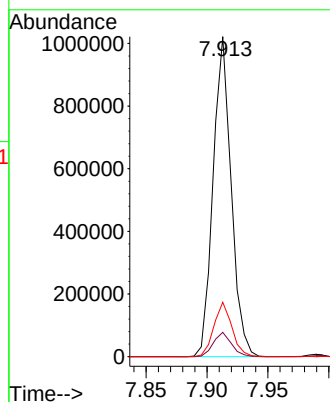
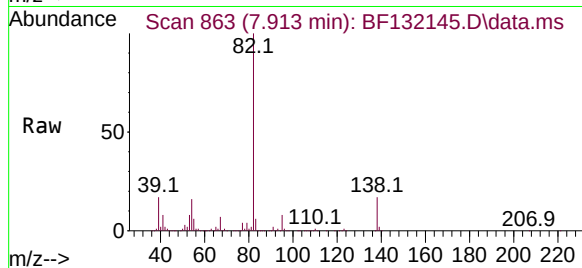
138 17.0 12.9 19.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#26

2-Nitrophenol

Concen: 55.366 ng

RT: 7.989 min Scan# 876

Delta R.T. 0.000 min

Lab File: BF132145.D

Acq: 19 Jan 2023 14:05

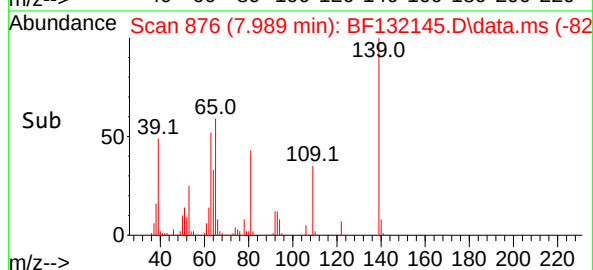
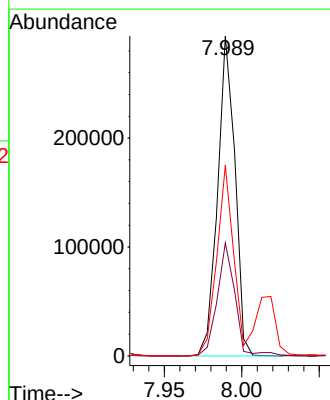
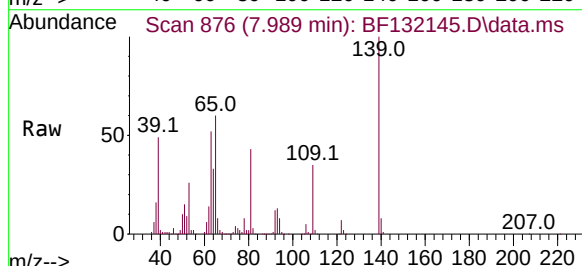
Tgt Ion:139 Resp: 229233

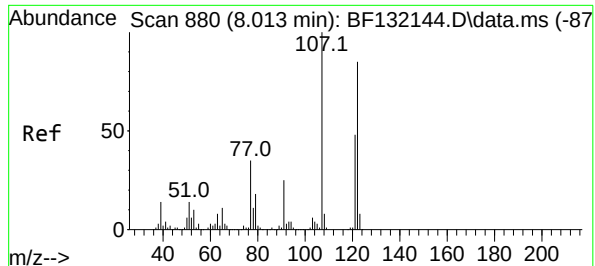
Ion Ratio Lower Upper

139 100

109 35.3 25.8 38.8

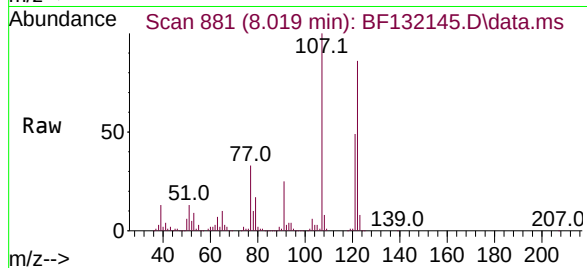
65 59.6 44.6 66.8





#27
2,4-Dimethylphenol
Concen: 48.345 ng
RT: 8.019 min Scan# 880
Delta R.T. 0.006 min
Lab File: BF132145.D
Acq: 19 Jan 2023 14:05

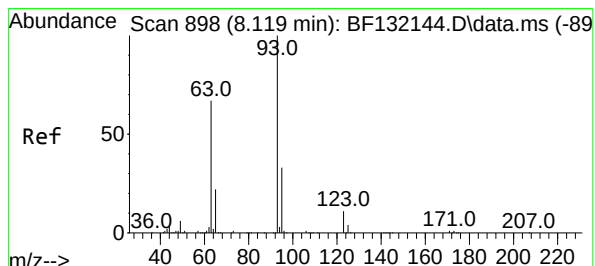
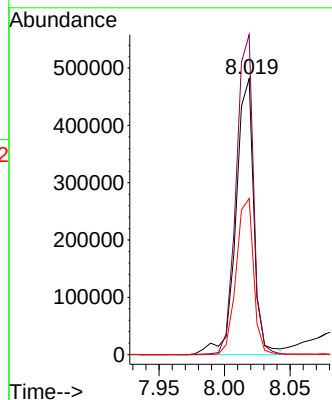
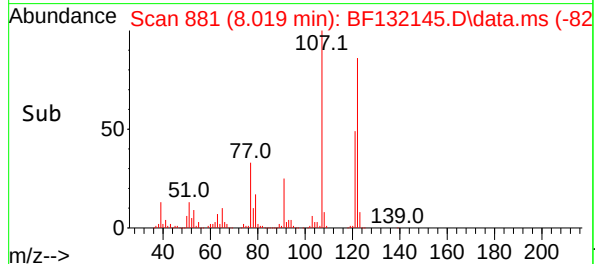
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:122 Resp: 459142
Ion Ratio Lower Upper
122 100
107 116.0 94.2 141.4
121 56.5 45.6 68.4

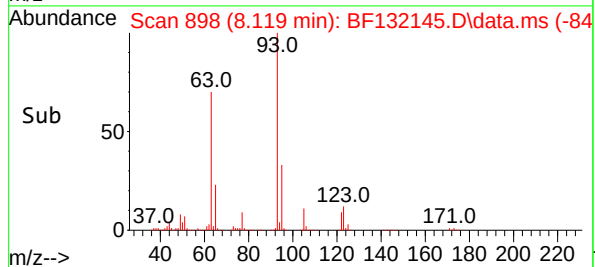
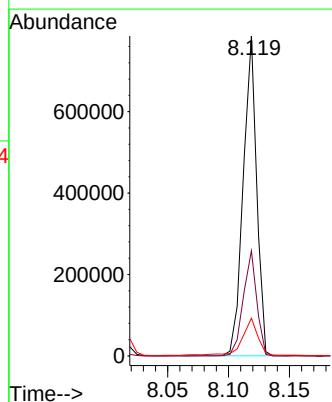
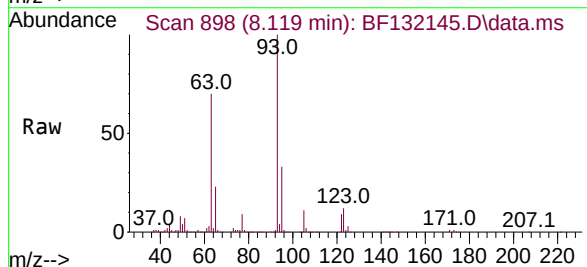
Manual Integrations
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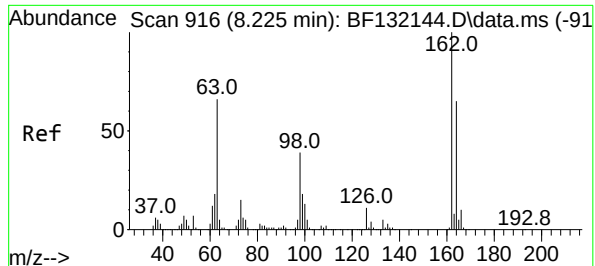
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#28
bis(2-Chloroethoxy)methane
Concen: 46.022 ng
RT: 8.119 min Scan# 898
Delta R.T. -0.000 min
Lab File: BF132145.D
Acq: 19 Jan 2023 14:05

Tgt Ion: 93 Resp: 606059
Ion Ratio Lower Upper
93 100
95 32.8 26.2 39.2
123 11.8 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 48.619 ng

RT: 8.231 min Scan# 916

Delta R.T. 0.006 min

Lab File: BF132145.D

Acq: 19 Jan 2023 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:162 Resp: 438374

Ion Ratio Lower Upper

162 100

164 65.7 44.7 84.7

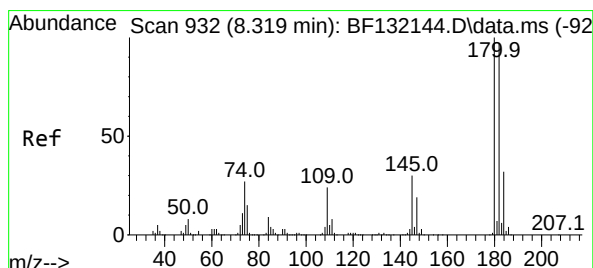
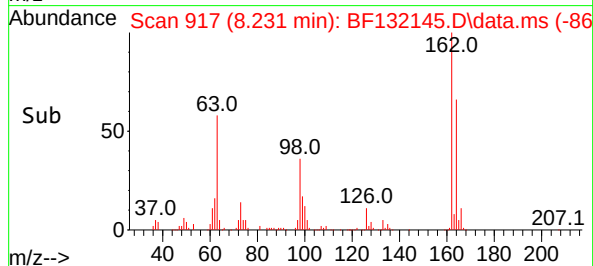
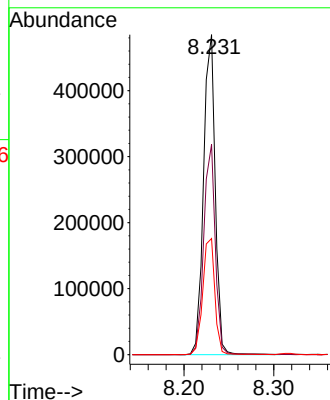
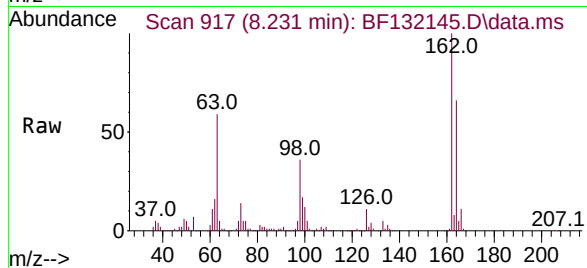
98 36.3 18.8 58.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#30

1,2,4-Trichlorobenzene

Concen: 46.556 ng

RT: 8.319 min Scan# 932

Delta R.T. -0.000 min

Lab File: BF132145.D

Acq: 19 Jan 2023 14:05

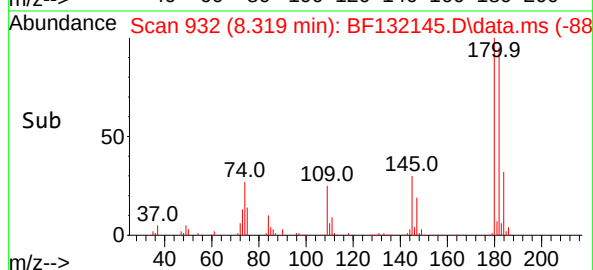
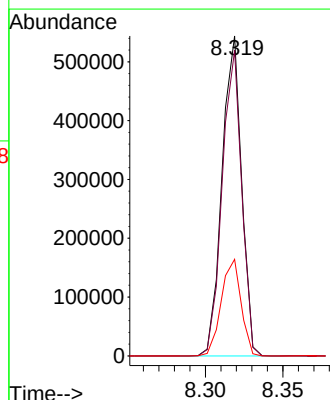
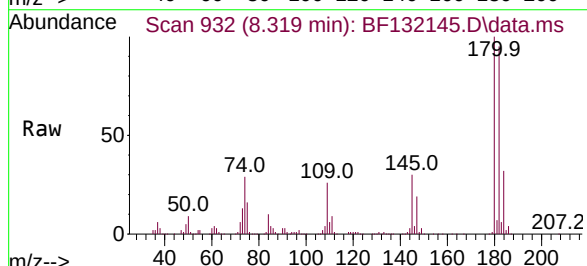
Tgt Ion:180 Resp: 476787

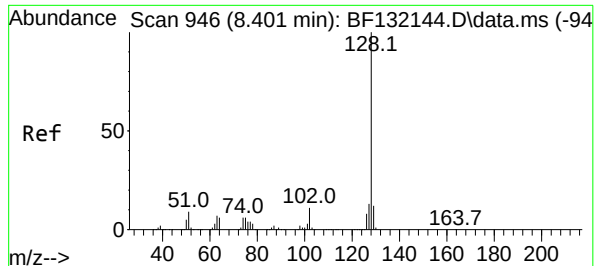
Ion Ratio Lower Upper

180 100

182 95.5 77.4 116.0

145 30.2 23.8 35.6





#31

Naphthalene

Concen: 45.835 ng

RT: 8.401 min Scan# 946

Delta R.T. 0.000 min

Lab File: BF132145.D

Acq: 19 Jan 2023 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:128 Resp: 1402749

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

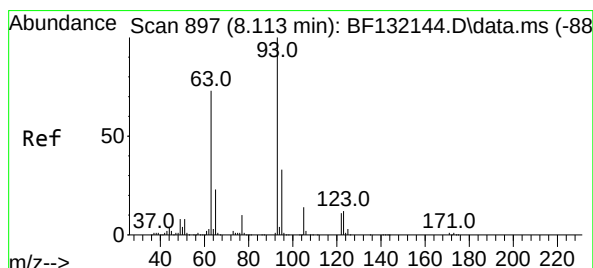
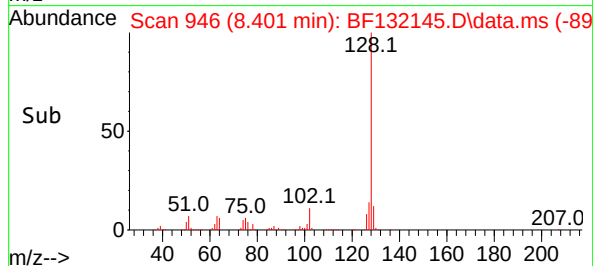
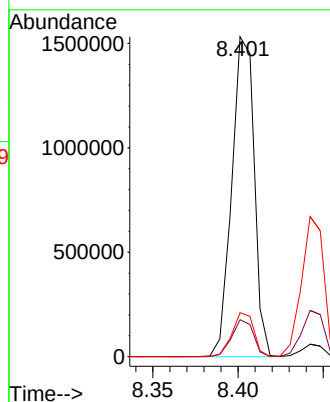
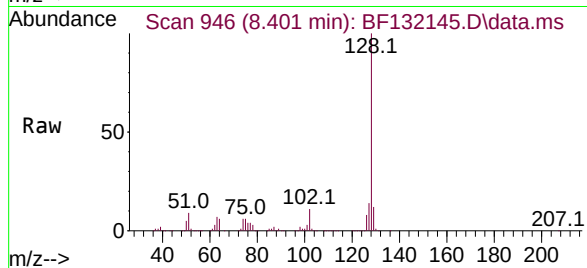
127 13.7 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#32

Benzoic acid

Concen: 53.348 ng m

RT: 8.125 min Scan# 899

Delta R.T. 0.012 min

Lab File: BF132145.D

Acq: 19 Jan 2023 14:05

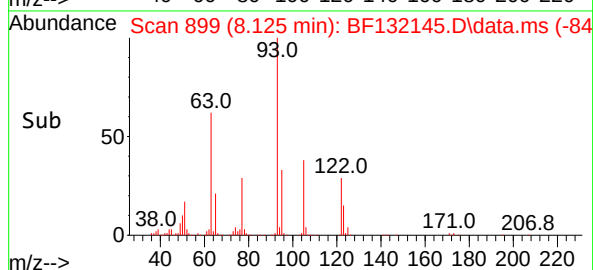
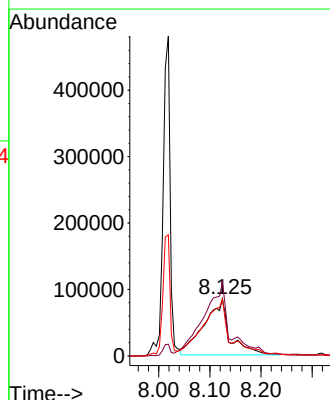
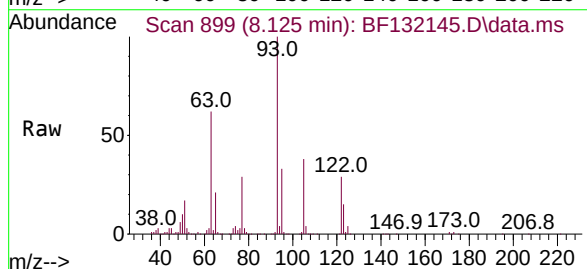
Tgt Ion:122 Resp: 297419

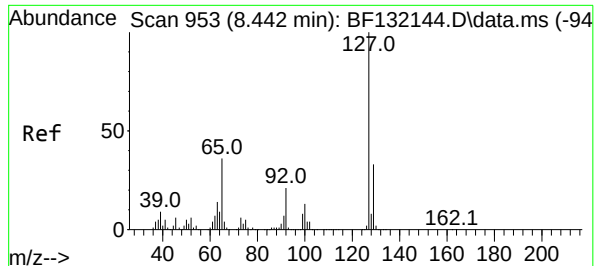
Ion Ratio Lower Upper

122 100

105 129.3 96.8 136.8

77 99.4 72.5 112.5





#33

4-Chloroaniline

Concen: 46.808 ng

RT: 8.442 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF132145.D

Acq: 19 Jan 2023 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:127 Resp: 613040

Ion Ratio Lower Upper

127 100

129 33.0 26.0 39.0

65 37.1 28.4 42.6

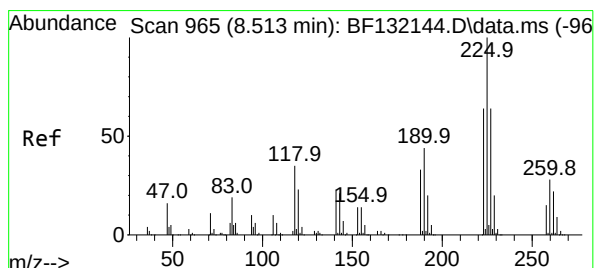
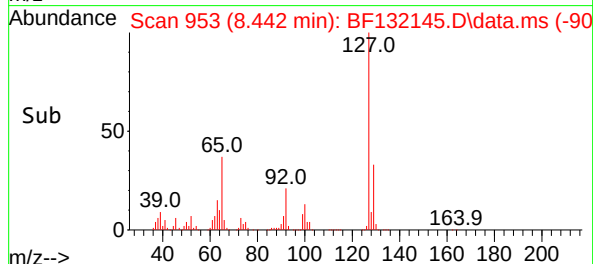
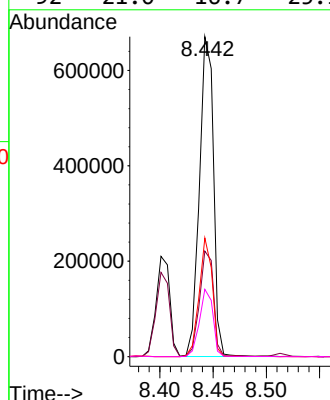
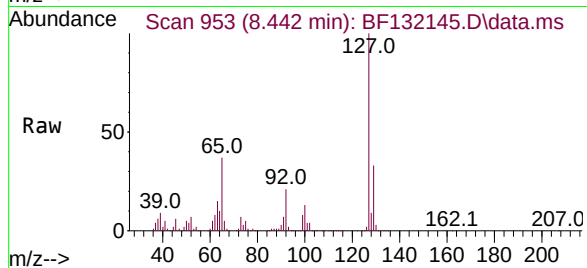
92 21.0 16.7 25.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#34

Hexachlorobutadiene

Concen: 47.602 ng

RT: 8.513 min Scan# 965

Delta R.T. -0.000 min

Lab File: BF132145.D

Acq: 19 Jan 2023 14:05

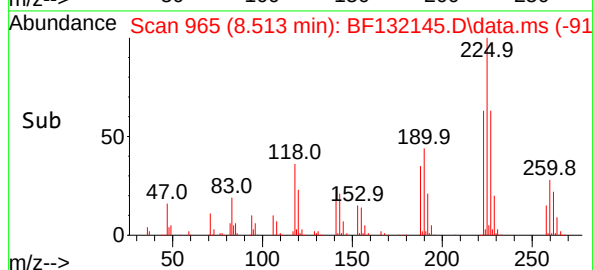
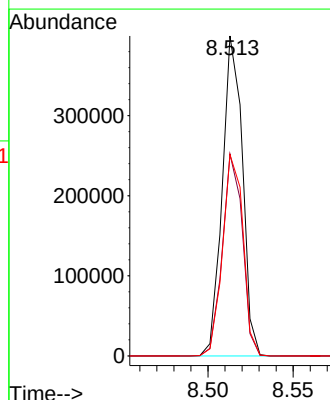
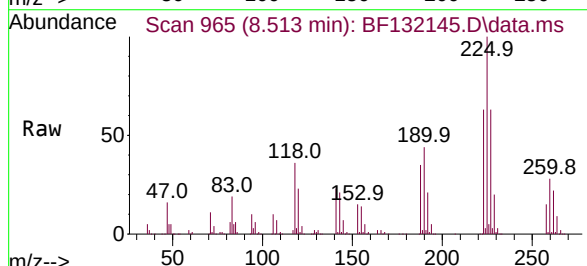
Tgt Ion:225 Resp: 327490

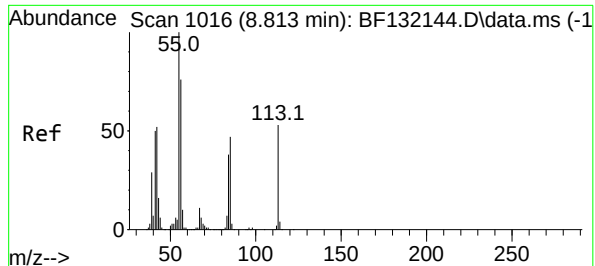
Ion Ratio Lower Upper

225 100

223 63.1 50.9 76.3

227 62.9 50.8 76.2





#35

Caprolactam

Concen: 52.242 ng

RT: 8.825 min Scan# 1016

Delta R.T. 0.012 min

Lab File: BF132145.D

Acq: 19 Jan 2023 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:113 Resp: 133328

Ion Ratio Lower Upper

113 100

55 194.0 167.5 207.5

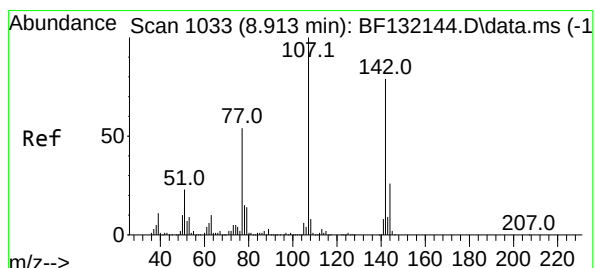
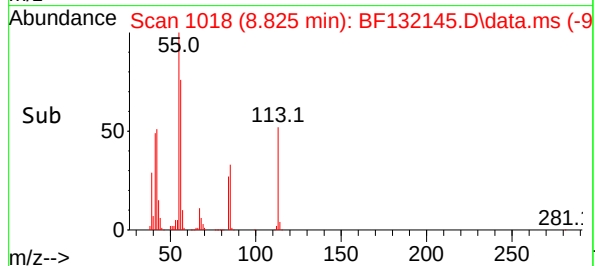
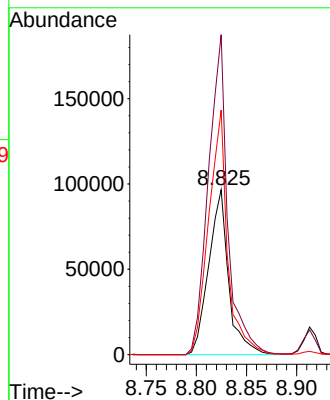
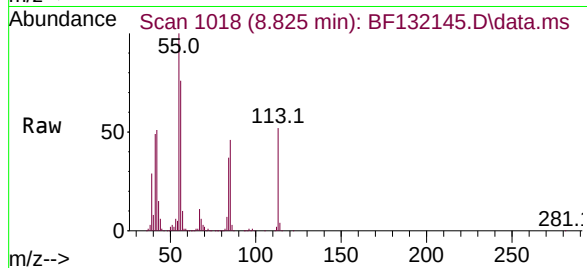
56 148.2 122.0 162.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#36

4-Chloro-3-methylphenol

Concen: 50.041 ng

RT: 8.913 min Scan# 1033

Delta R.T. -0.000 min

Lab File: BF132145.D

Acq: 19 Jan 2023 14:05

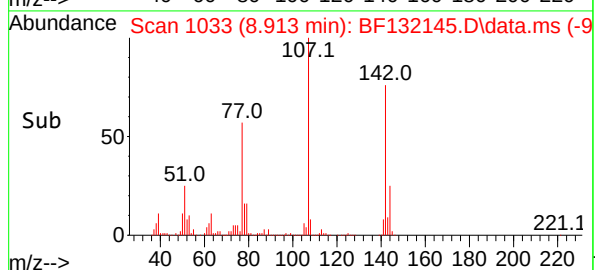
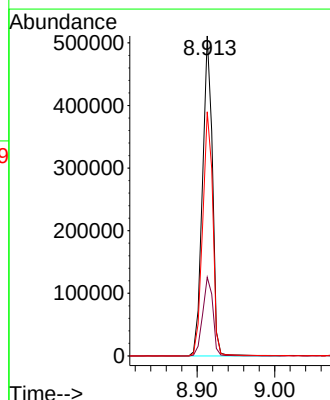
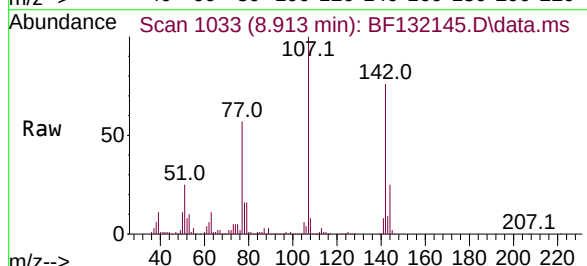
Tgt Ion:107 Resp: 454054

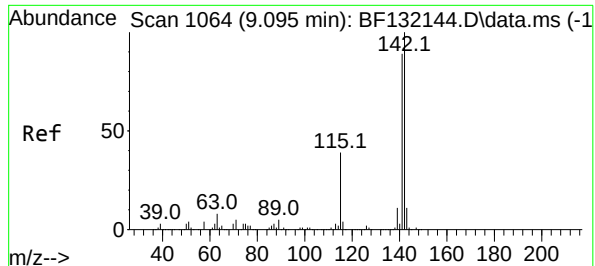
Ion Ratio Lower Upper

107 100

144 24.6 21.0 31.4

142 76.3 63.6 95.4





#37

2-Methylnaphthalene

Concen: 45.435 ng

RT: 9.095 min Scan# 1064

Delta R.T. -0.000 min

Lab File: BF132145.D

Acq: 19 Jan 2023 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:142 Resp: 957373

Ion Ratio Lower Upper

142 100

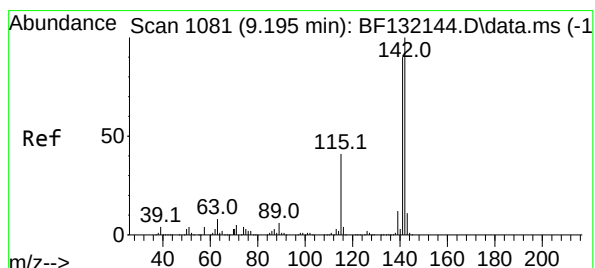
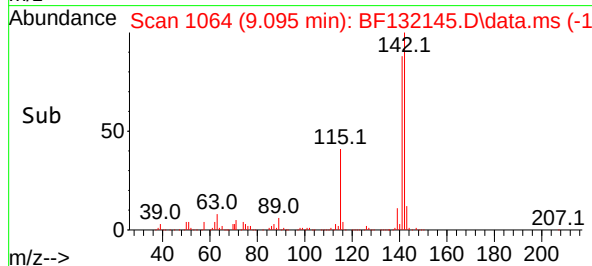
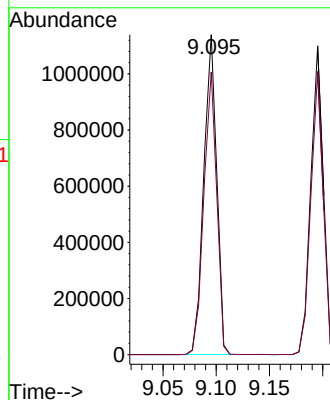
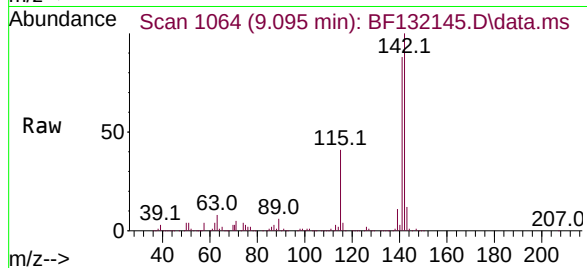
141 88.3 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#38

1-Methylnaphthalene

Concen: 45.525 ng

RT: 9.195 min Scan# 1081

Delta R.T. 0.000 min

Lab File: BF132145.D

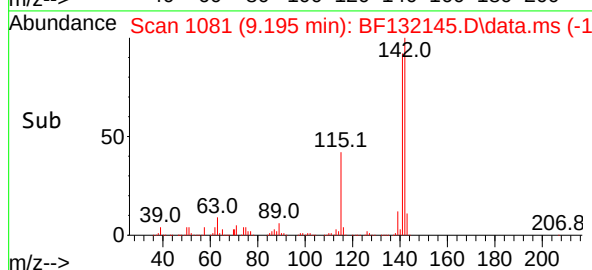
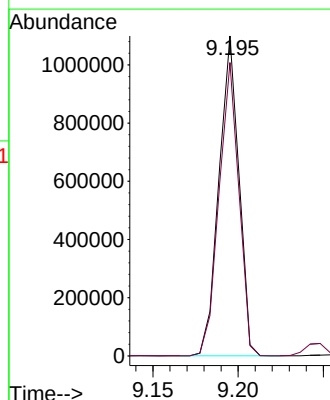
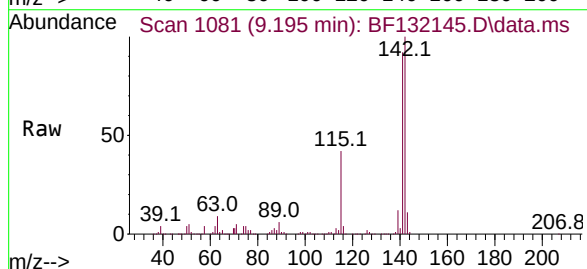
Acq: 19 Jan 2023 14:05

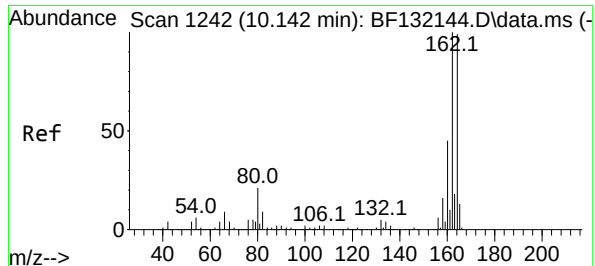
Tgt Ion:142 Resp: 892550

Ion Ratio Lower Upper

142 100

141 91.7 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.148 min Scan# 1242

Delta R.T. 0.006 min

Lab File: BF132145.D

Acq: 19 Jan 2023 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:164 Resp: 310298

Ion Ratio Lower Upper

164 100

162 102.3 81.2 121.8

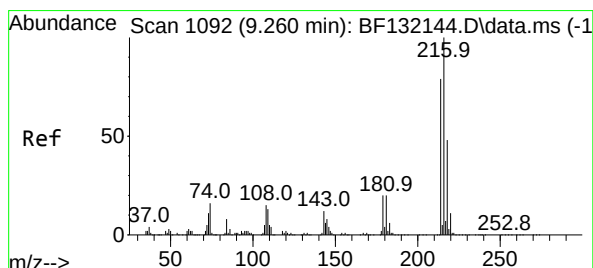
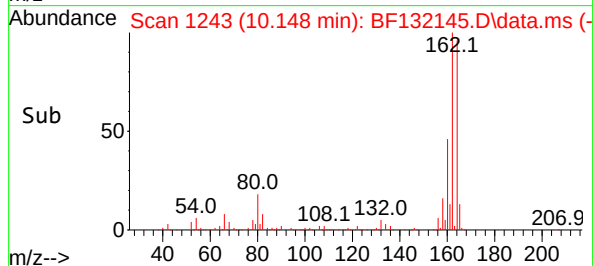
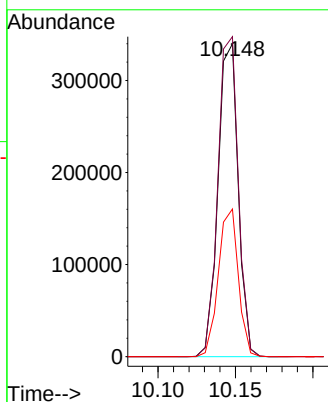
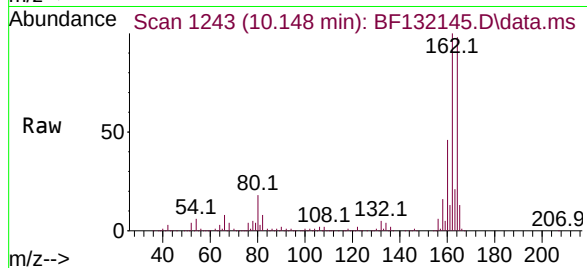
160 47.2 36.9 55.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.064 ng

RT: 9.260 min Scan# 1092

Delta R.T. -0.000 min

Lab File: BF132145.D

Acq: 19 Jan 2023 14:05

Tgt Ion:216 Resp: 497324

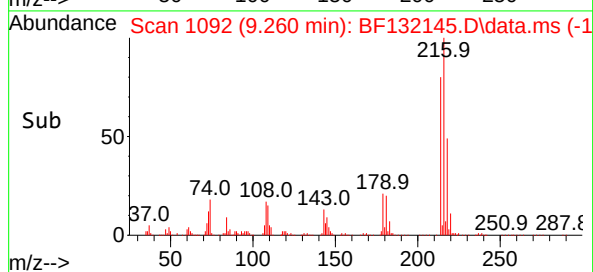
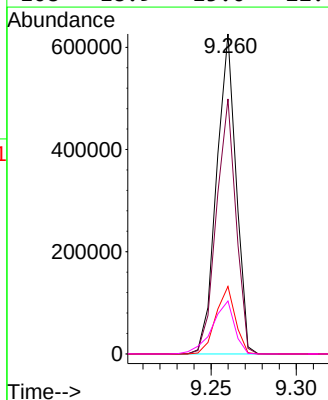
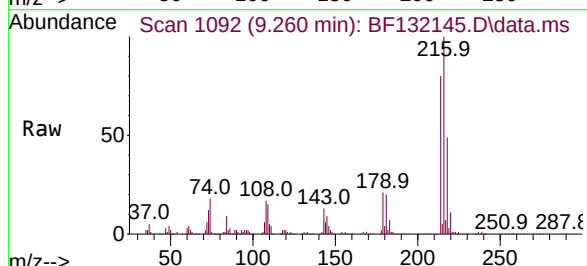
Ion Ratio Lower Upper

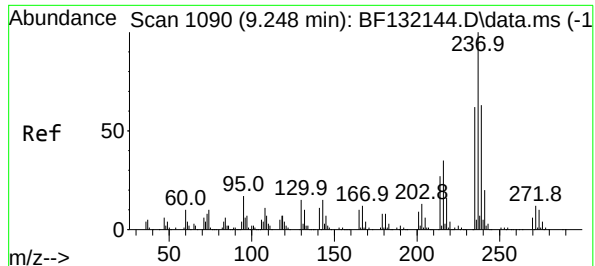
216 100

214 79.5 63.1 94.7

179 20.9 16.6 24.8

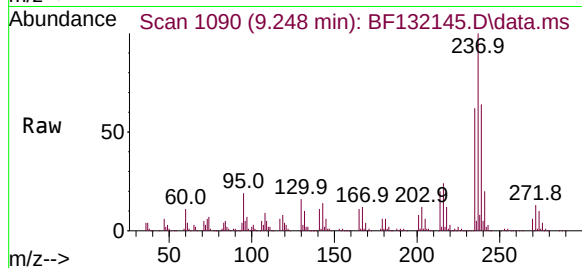
108 18.9 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 51.212 ng
RT: 9.248 min Scan# 1090
Delta R.T. 0.000 min
Lab File: BF132145.D
Acq: 19 Jan 2023 14:05

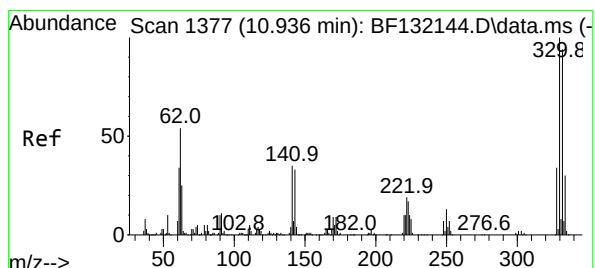
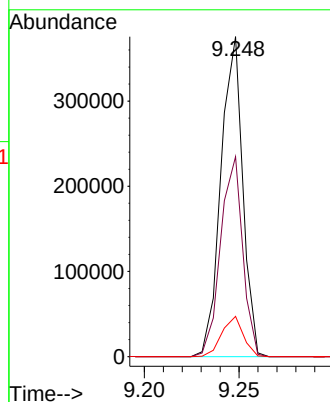
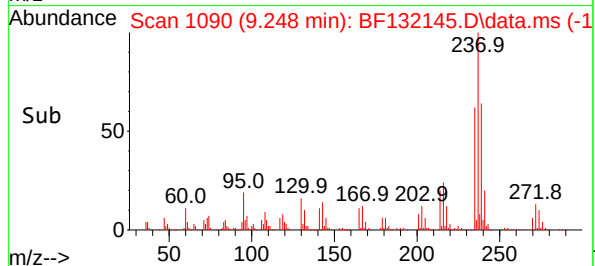
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



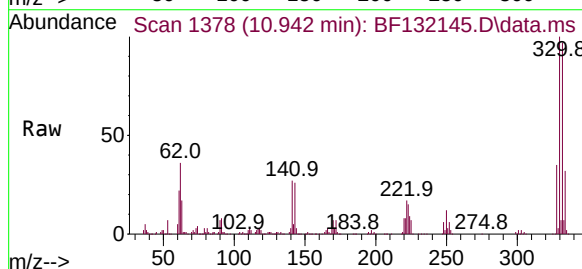
Tgt Ion: 237 Resp: 301713
Ion Ratio Lower Upper
237 100
235 62.5 41.7 81.7
272 12.6 0.0 32.3

Manual Integrations
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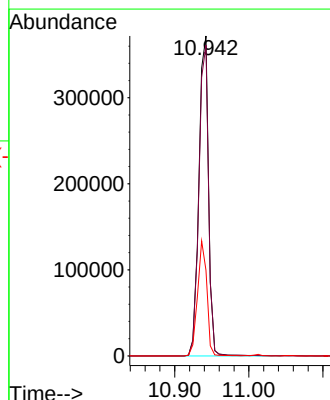
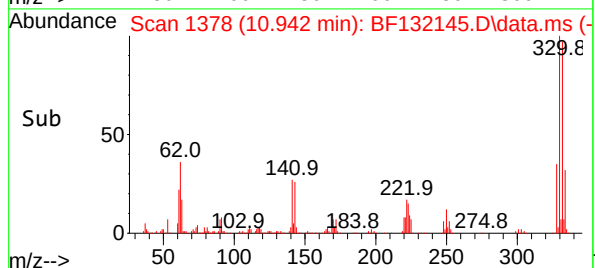
Reviewed By : Christian Giraldo 01/20/2023
Supervised By : Jagrut Upadhyay 01/20/2023

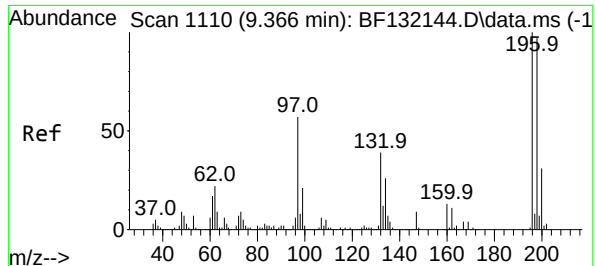


#42
2,4,6-Tribromophenol
Concen: 101.459 ng
RT: 10.942 min Scan# 1378
Delta R.T. 0.006 min
Lab File: BF132145.D
Acq: 19 Jan 2023 14:05



Tgt Ion: 330 Resp: 336280
Ion Ratio Lower Upper
330 100
332 97.2 75.6 113.4
141 34.6 27.1 40.7





#43

2,4,6-Trichlorophenol

Concen: 50.648 ng

RT: 9.366 min Scan# 1110

Delta R.T. -0.000 min

Lab File: BF132145.D

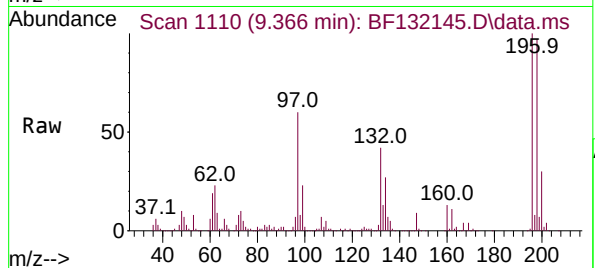
Acq: 19 Jan 2023 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:196 Resp: 339356

Ion Ratio Lower Upper

196 100

198 97.0 77.4 116.2

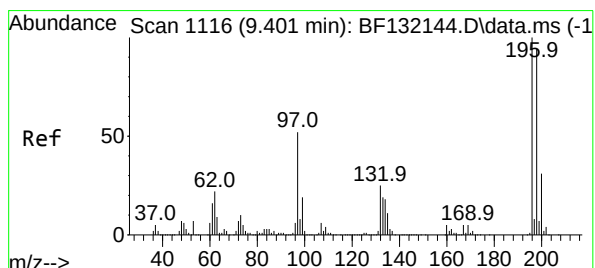
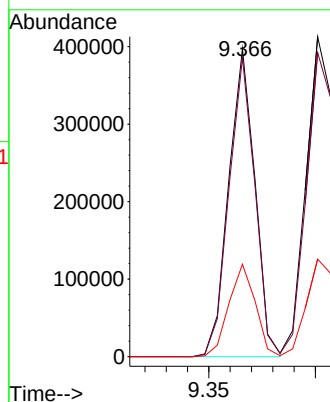
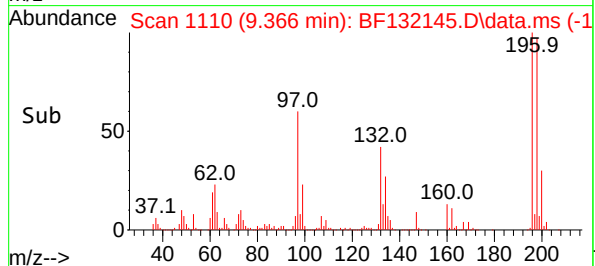
200 30.0 24.9 37.3

Manual Integrations

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#44

2,4,5-Trichlorophenol

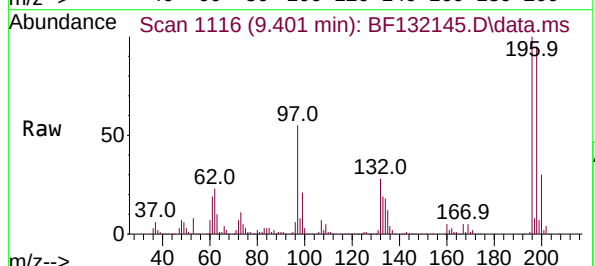
Concen: 49.934 ng

RT: 9.401 min Scan# 1116

Delta R.T. -0.000 min

Lab File: BF132145.D

Acq: 19 Jan 2023 14:05



Tgt Ion:196 Resp: 391297

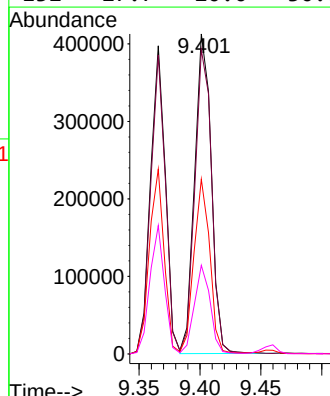
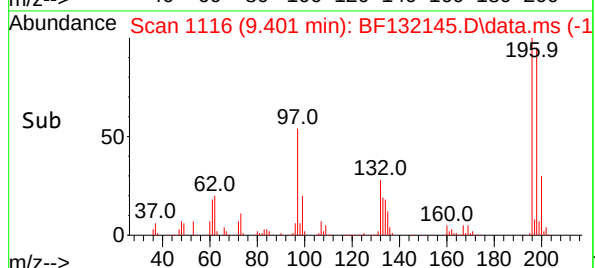
Ion Ratio Lower Upper

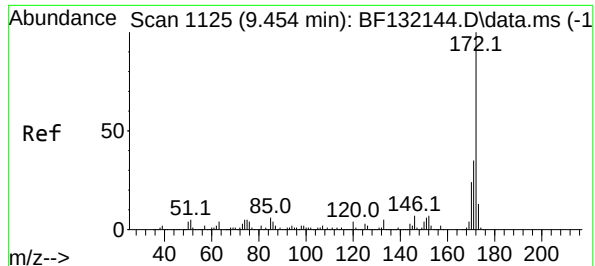
196 100

198 95.0 75.3 112.9

97 54.6 41.3 61.9

132 27.7 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 90.894 ng

RT: 9.460 min Scan# 1126

Delta R.T. 0.006 min

Lab File: BF132145.D

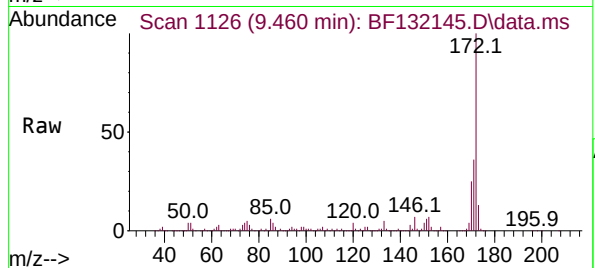
Acq: 19 Jan 2023 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:172 Resp: 1802173

Ion Ratio Lower Upper

172 100

171 36.1 28.2 42.2

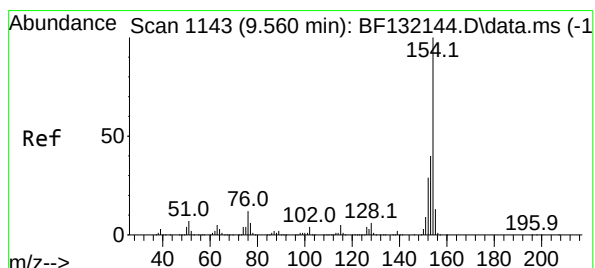
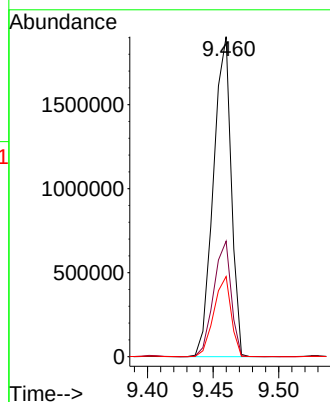
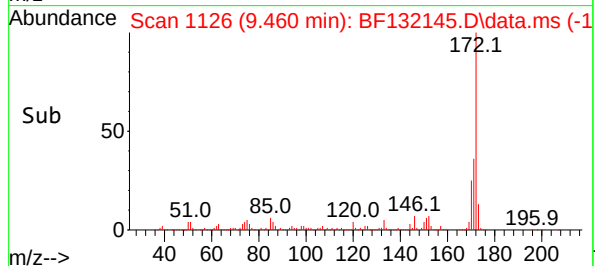
170 25.0 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#46

1,1'-Biphenyl

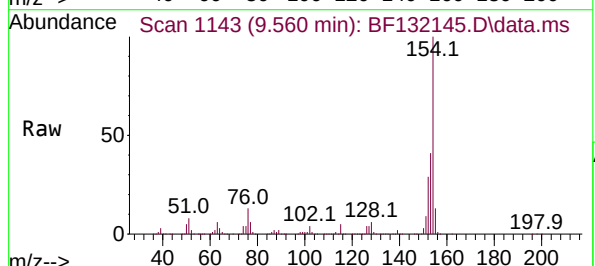
Concen: 45.940 ng

RT: 9.560 min Scan# 1143

Delta R.T. -0.000 min

Lab File: BF132145.D

Acq: 19 Jan 2023 14:05



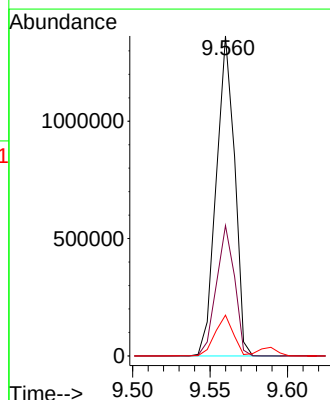
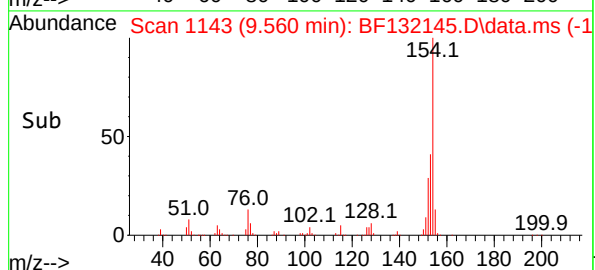
Tgt Ion:154 Resp: 1124635

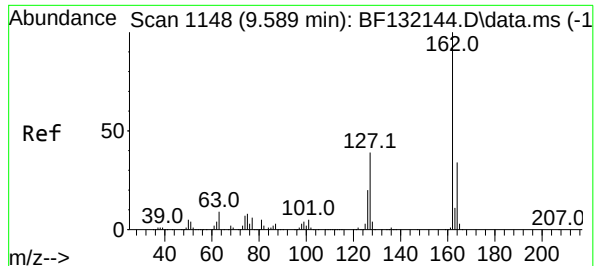
Ion Ratio Lower Upper

154 100

153 40.7 20.2 60.2

76 12.7 0.0 32.2





#47

2-Chloronaphthalene

Concen: 46.370 ng

RT: 9.589 min Scan# 1148

Delta R.T. -0.000 min

Lab File: BF132145.D

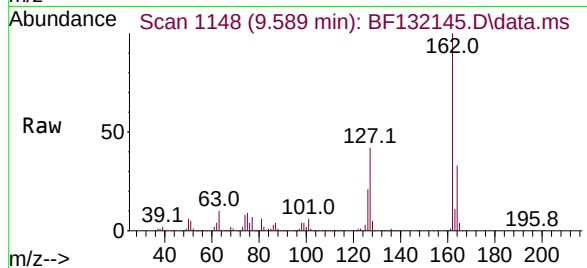
Acq: 19 Jan 2023 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:162 Resp: 877513

Ion Ratio Lower Upper

162 100

127 41.5 31.1 46.7

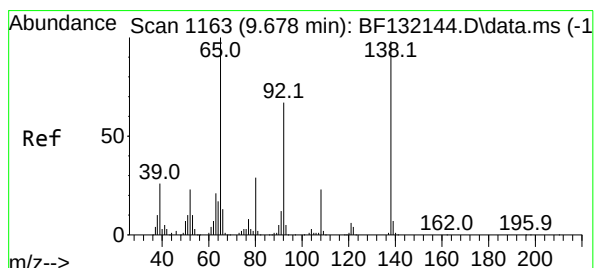
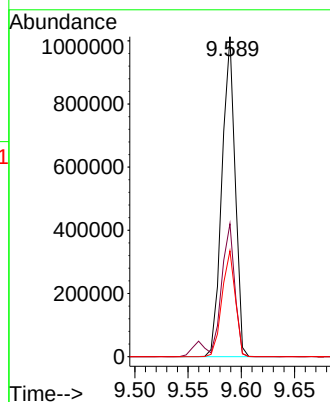
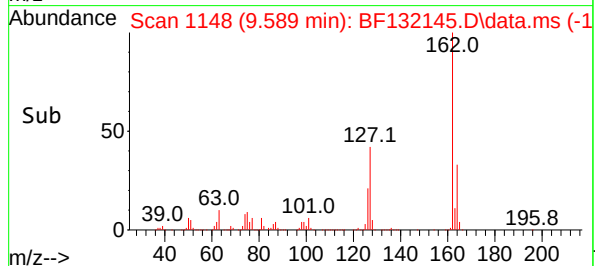
164 33.1 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#48

2-Nitroaniline

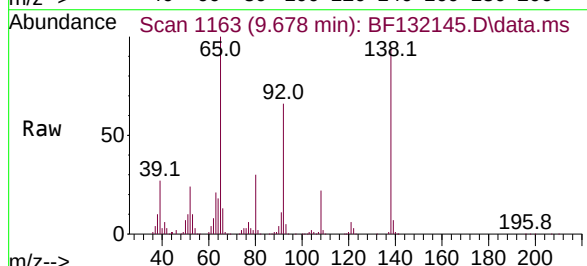
Concen: 55.690 ng

RT: 9.678 min Scan# 1163

Delta R.T. -0.000 min

Lab File: BF132145.D

Acq: 19 Jan 2023 14:05



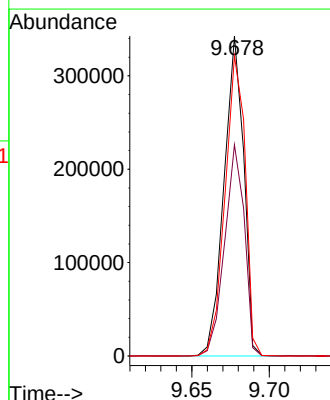
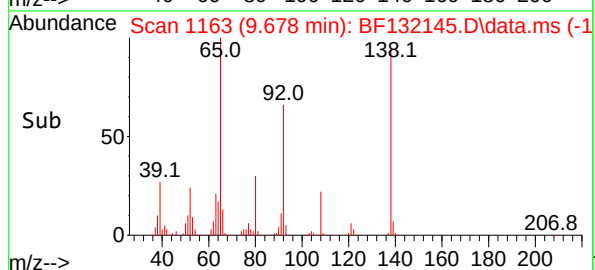
Tgt Ion: 65 Resp: 303436

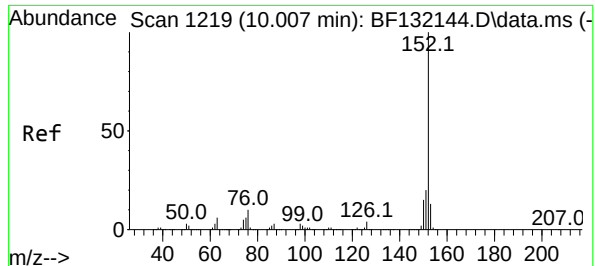
Ion Ratio Lower Upper

65 100

92 66.0 53.8 80.6

138 93.7 78.7 118.1





#49

Acenaphthylene

Concen: 47.008 ng

RT: 10.007 min Scan# 1193

Delta R.T. -0.000 min

Lab File: BF132145.D

Acq: 19 Jan 2023 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:152 Resp: 1423101

Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6

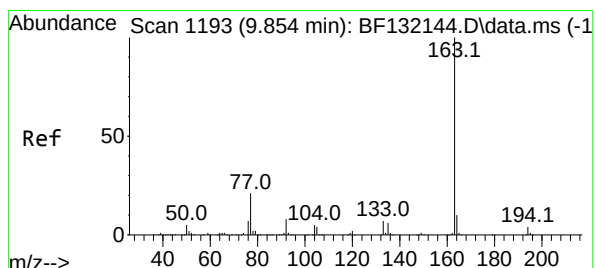
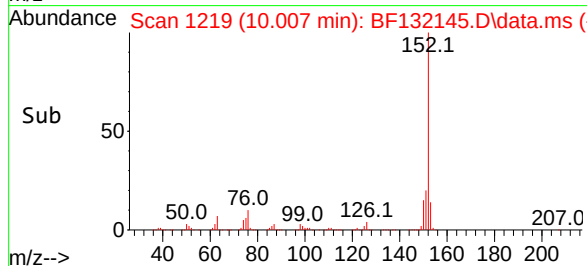
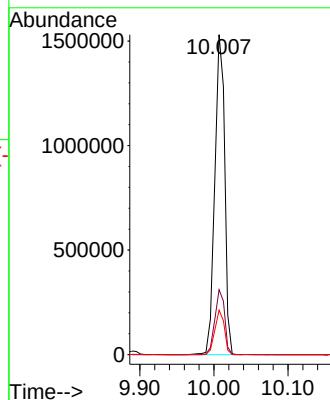
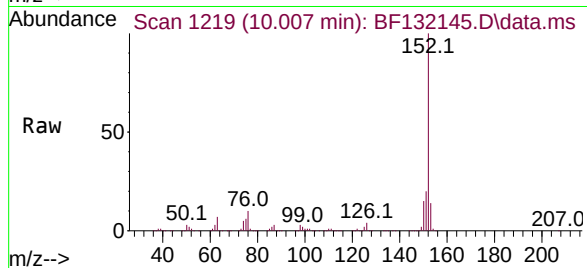
153 13.9 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#50

Dimethylphthalate

Concen: 47.242 ng

RT: 9.860 min Scan# 1194

Delta R.T. 0.006 min

Lab File: BF132145.D

Acq: 19 Jan 2023 14:05

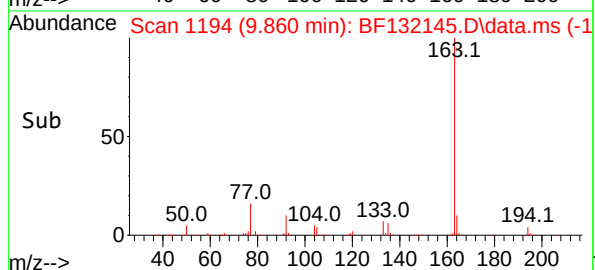
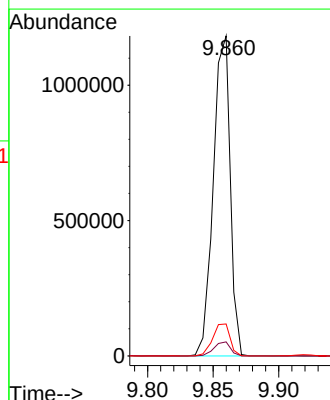
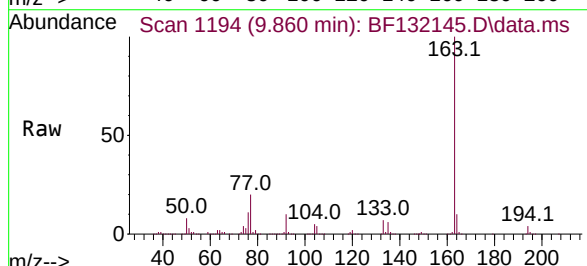
Tgt Ion:163 Resp: 1061697

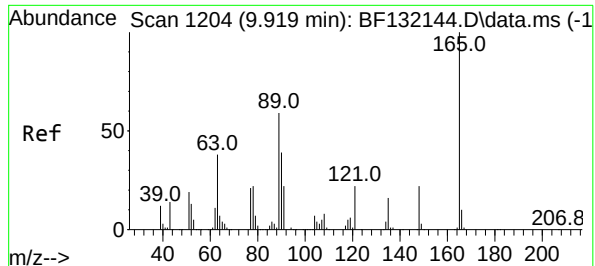
Ion Ratio Lower Upper

163 100

194 4.4 3.1 4.7

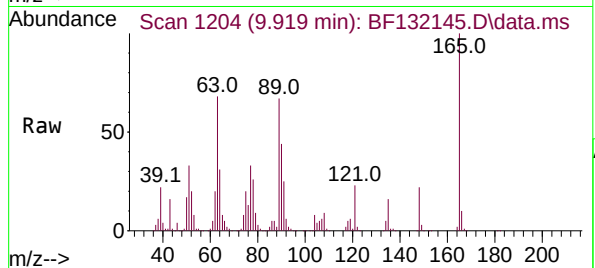
164 10.0 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 53.340 ng
RT: 9.919 min Scan# 1204
Delta R.T. -0.000 min
Lab File: BF132145.D
Acq: 19 Jan 2023 14:05

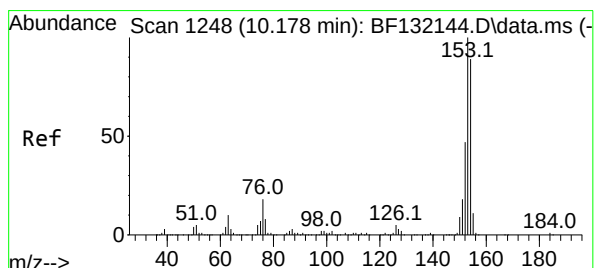
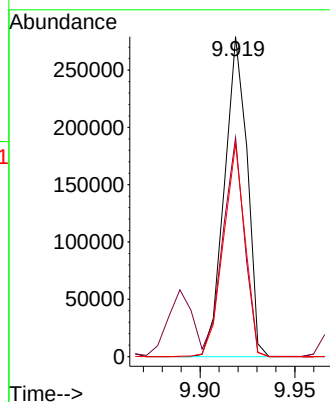
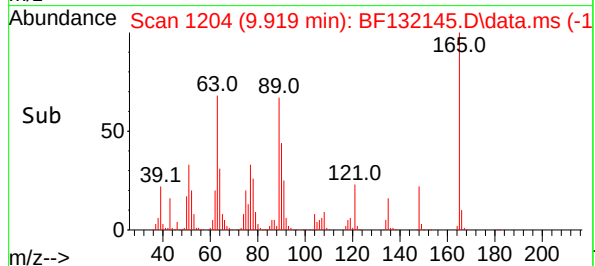
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



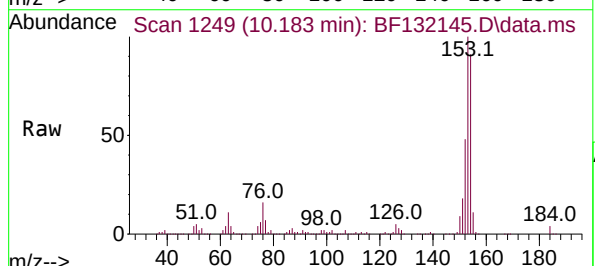
Tgt Ion:165 Resp: 232348
Ion Ratio Lower Upper
165 100
63 68.5 46.6 70.0
89 66.5 47.4 71.2

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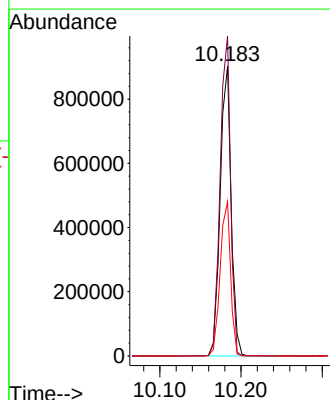
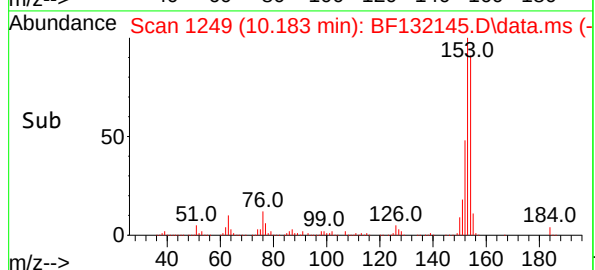
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

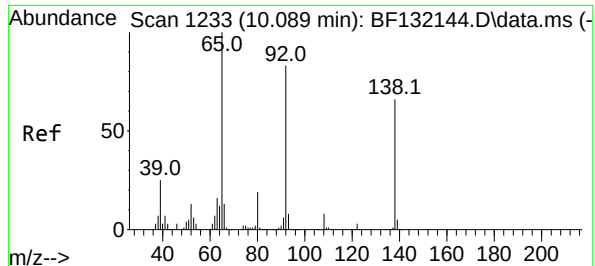


#52
Acenaphthene
Concen: 46.213 ng
RT: 10.183 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF132145.D
Acq: 19 Jan 2023 14:05



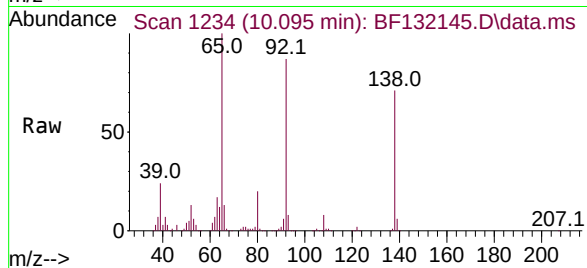
Tgt Ion:154 Resp: 841514
Ion Ratio Lower Upper
154 100
153 110.4 89.8 134.8
152 53.2 42.3 63.5





#53
3-Nitroaniline
Concen: 53.158 ng
RT: 10.095 min Scan# 1233
Delta R.T. 0.006 min
Lab File: BF132145.D
Acq: 19 Jan 2023 14:05

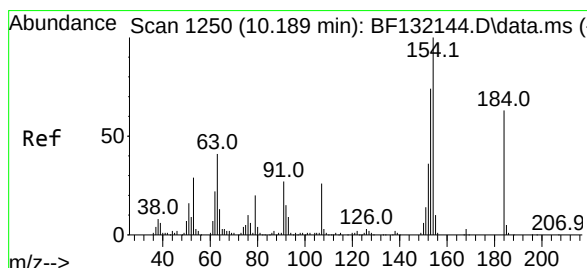
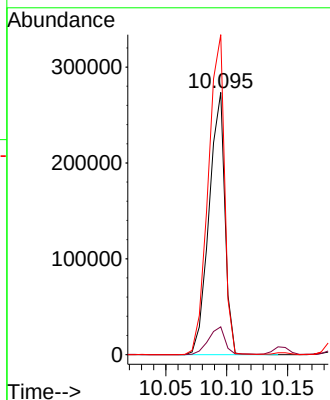
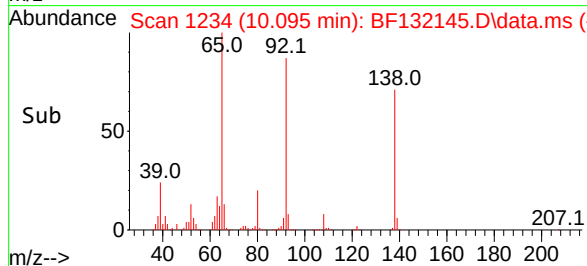
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:138 Resp: 247562
Ion Ratio Lower Upper
138 100
108 10.6 9.1 13.7
92 122.1 101.2 151.8

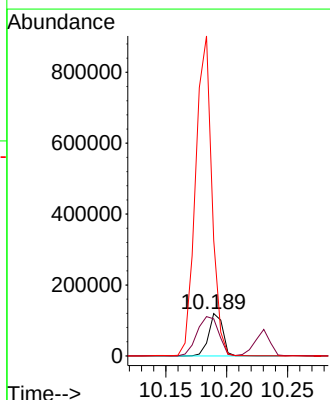
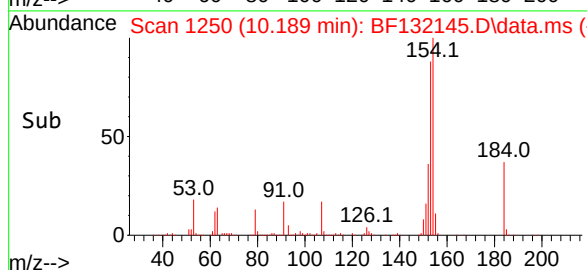
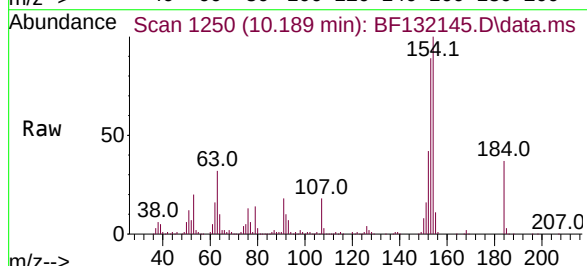
Manual Integrations
APPROVED

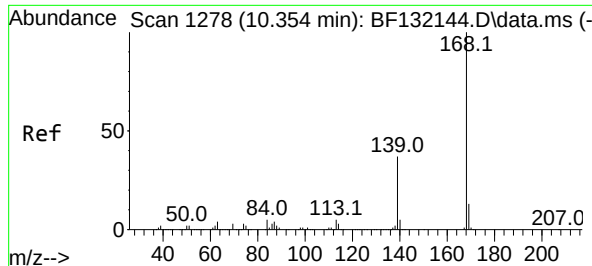
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#54
2,4-Dinitrophenol
Concen: 54.894 ng
RT: 10.189 min Scan# 1250
Delta R.T. 0.000 min
Lab File: BF132145.D
Acq: 19 Jan 2023 14:05

Tgt Ion:184 Resp: 96577
Ion Ratio Lower Upper
184 100
63 87.6 53.2 79.8#
154 273.5 129.4 194.0#





#55

Dibenzenofuran

Concen: 46.650 ng

RT: 10.354 min Scan# 1278

Delta R.T. -0.000 min

Lab File: BF132145.D

Acq: 19 Jan 2023 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:168 Resp: 131275

Ion Ratio Lower Upper

168 100

139 38.9 29.8 44.8

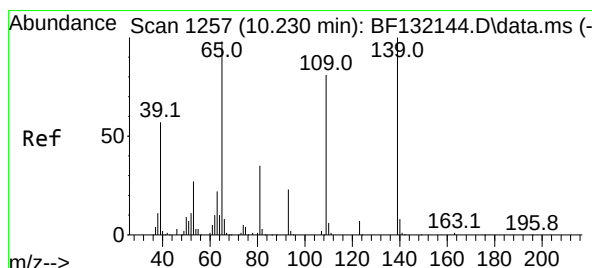
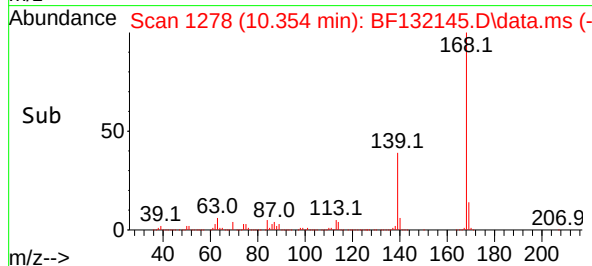
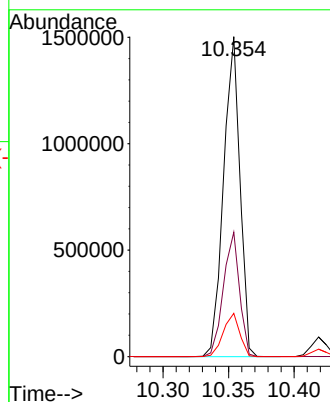
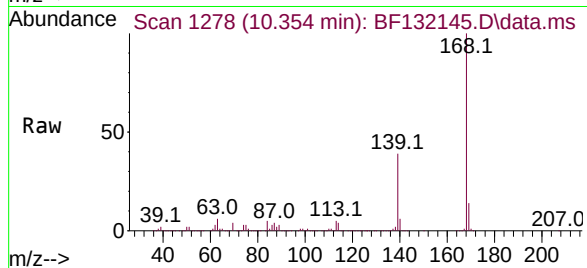
169 13.5 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#56

4-Nitrophenol

Concen: 55.373 ng

RT: 10.230 min Scan# 1257

Delta R.T. -0.000 min

Lab File: BF132145.D

Acq: 19 Jan 2023 14:05

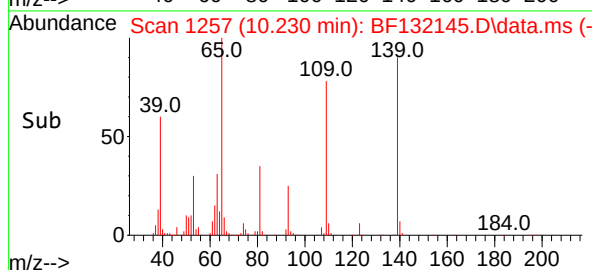
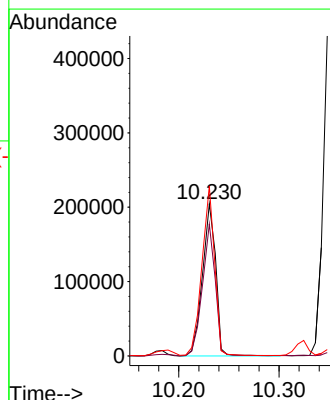
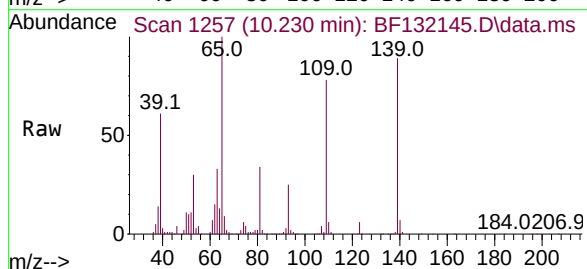
Tgt Ion:139 Resp: 187684

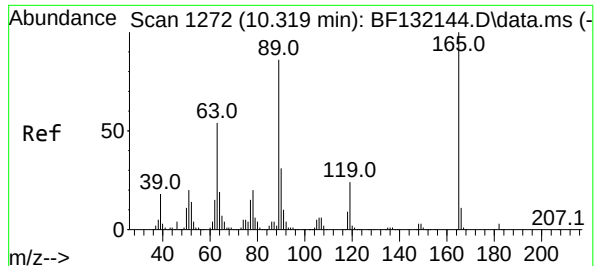
Ion Ratio Lower Upper

139 100

109 86.7 61.0 101.0

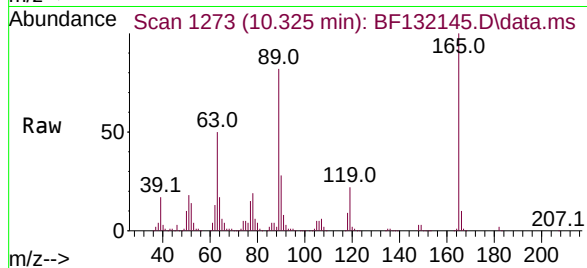
65 111.8 79.3 119.3





#57
2,4-Dinitrotoluene
Concen: 55.230 ng
RT: 10.325 min Scan# 1273
Delta R.T. 0.006 min
Lab File: BF132145.D
Acq: 19 Jan 2023 14:05

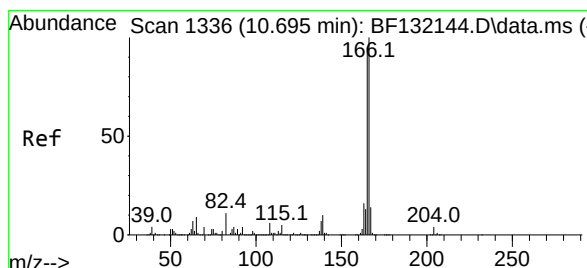
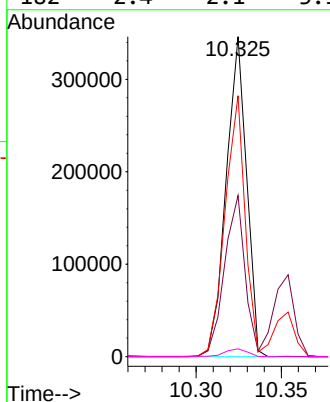
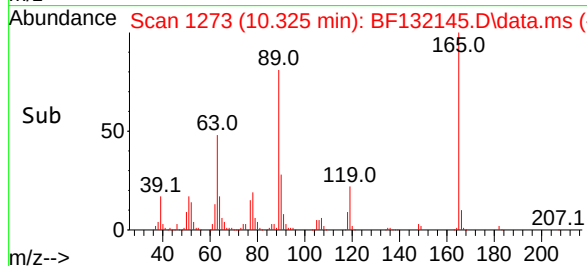
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



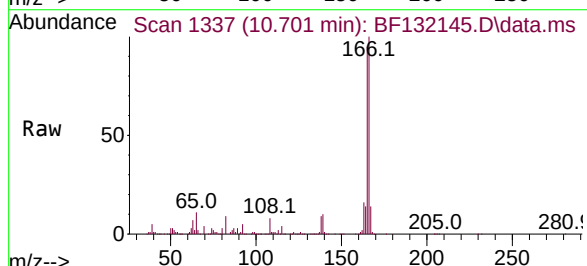
Tgt Ion:165 Resp: 288781
Ion Ratio Lower Upper
165 100
63 50.3 43.5 65.3
89 81.5 69.0 103.6
182 2.4 2.1 3.1

Manual Integrations
APPROVED

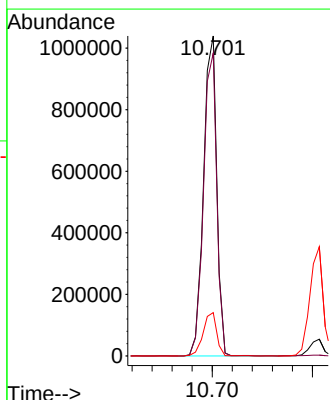
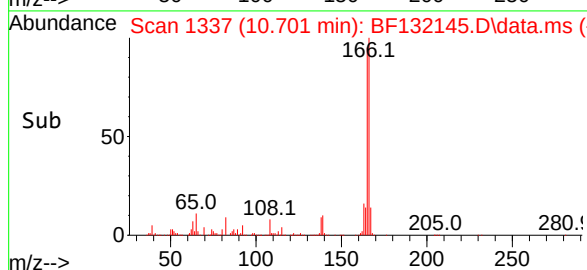
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

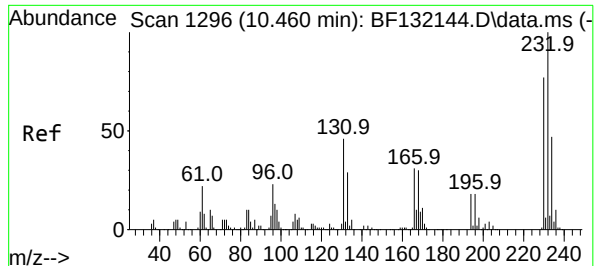


#58
Fluorene
Concen: 45.333 ng
RT: 10.701 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF132145.D
Acq: 19 Jan 2023 14:05



Tgt Ion:166 Resp: 945267
Ion Ratio Lower Upper
166 100
165 94.6 76.4 114.6
167 13.5 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 51.170 ng

RT: 10.466 min Scan# 1296

Delta R.T. 0.006 min

Lab File: BF132145.D

Acq: 19 Jan 2023 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:232 Resp: 305023

Ion Ratio Lower Upper

232 100

131 43.0 33.8 50.6

130 2.3 1.9 2.9

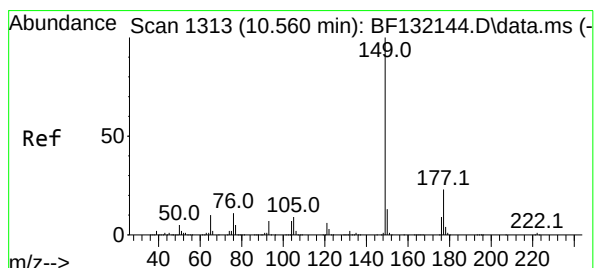
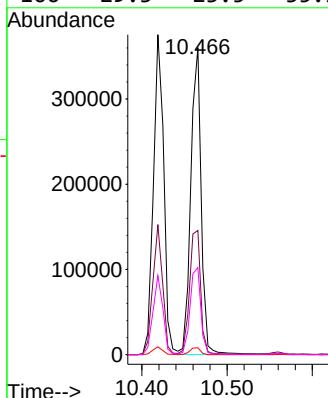
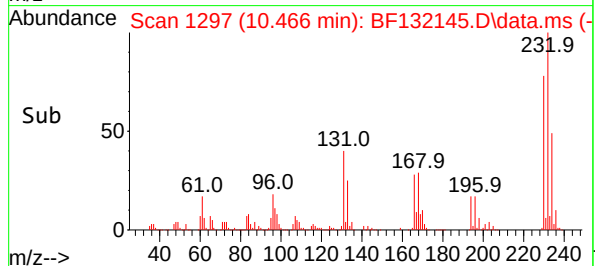
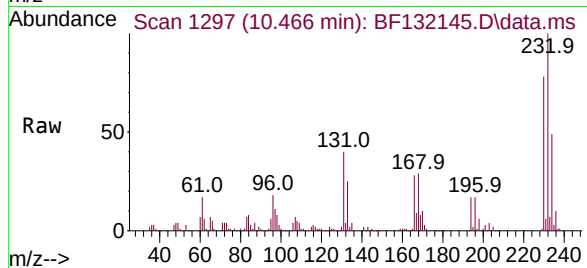
166 29.3 23.5 35.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#60

Diethylphthalate

Concen: 48.887 ng

RT: 10.560 min Scan# 1313

Delta R.T. -0.000 min

Lab File: BF132145.D

Acq: 19 Jan 2023 14:05

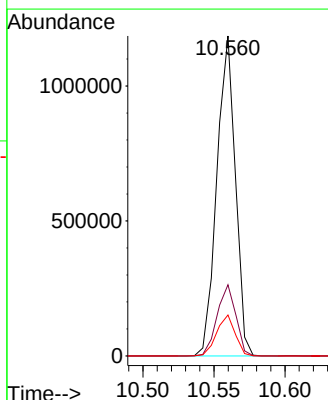
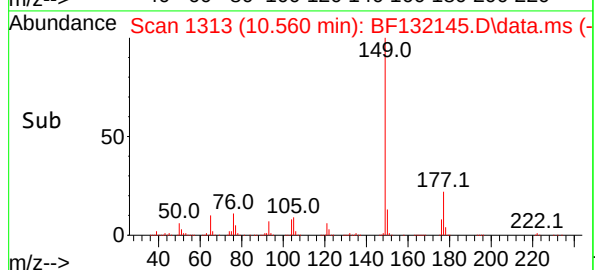
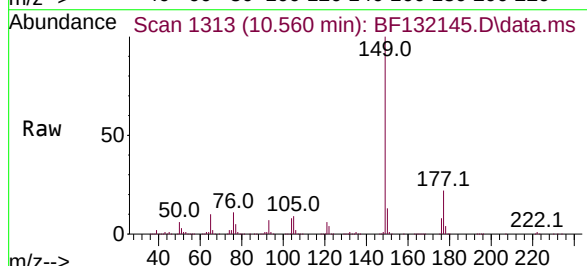
Tgt Ion:149 Resp: 1077388

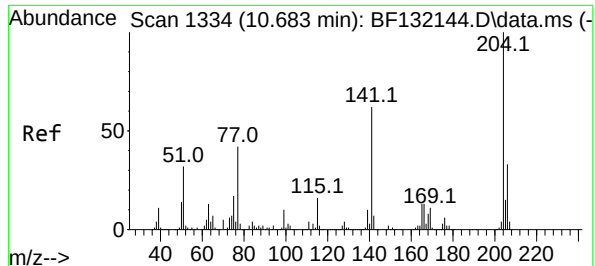
Ion Ratio Lower Upper

149 100

177 22.2 18.4 27.6

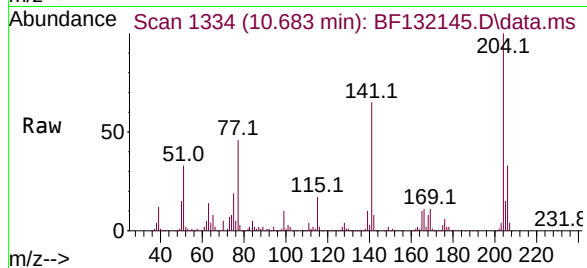
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 46.133 ng
RT: 10.683 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF132145.D
Acq: 19 Jan 2023 14:05

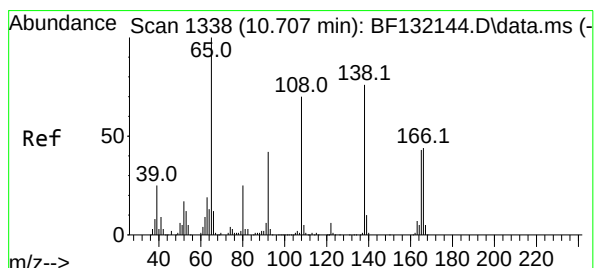
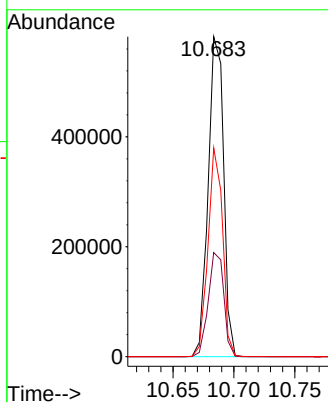
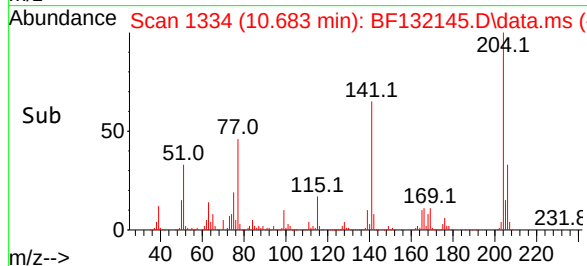
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:204 Resp: 515105
Ion Ratio Lower Upper
204 100
206 32.5 26.4 39.6
141 65.2 49.2 73.8

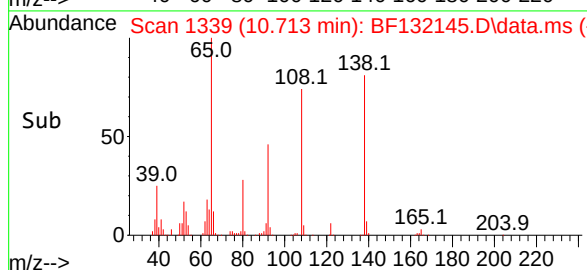
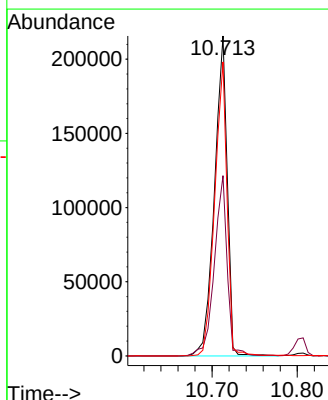
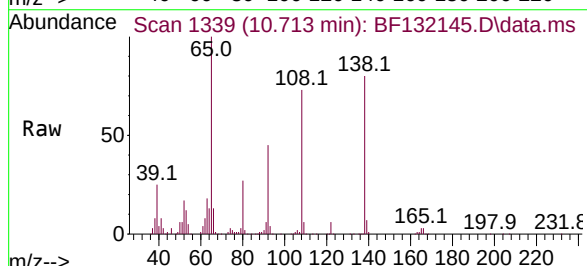
Manual Integrations
APPROVED

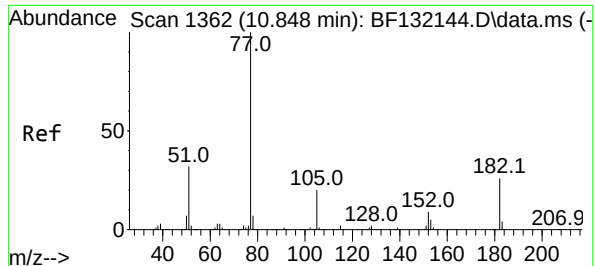
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#62
4-Nitroaniline
Concen: 51.889 ng
RT: 10.713 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF132145.D
Acq: 19 Jan 2023 14:05

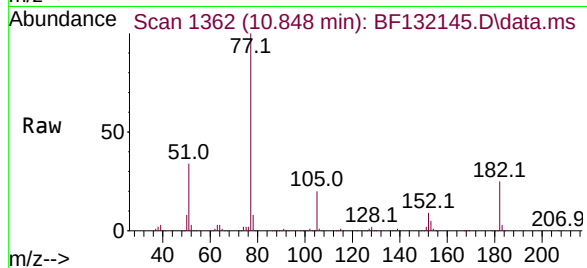
Tgt Ion:138 Resp: 224981
Ion Ratio Lower Upper
138 100
92 56.3 35.9 75.9
108 91.9 72.0 112.0





#63
Azobenzene
Concen: 47.316 ng
RT: 10.848 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF132145.D
Acq: 19 Jan 2023 14:05

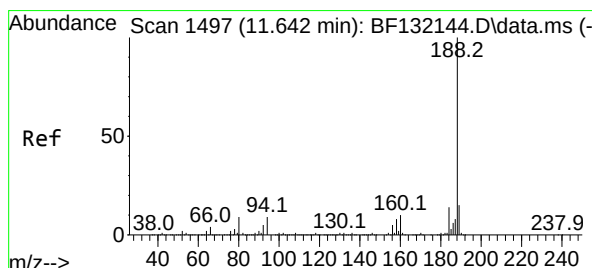
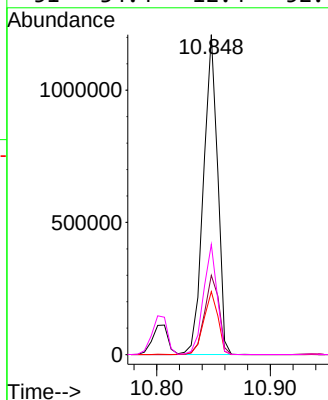
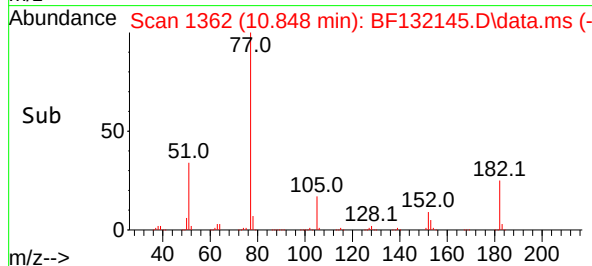
Instrument :
BNA_F
Client Sample Id :
SSTDICC050



Tgt Ion: 77 Resp: 1046552
Ion Ratio Lower Upper
77 100
182 24.8 6.4 46.4
105 19.7 0.0 39.8
51 34.4 12.4 52.4

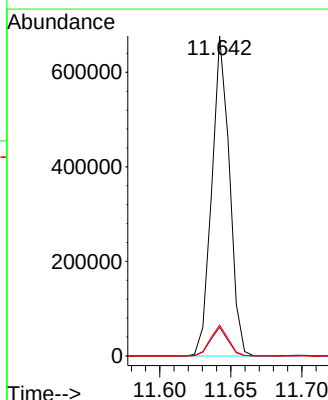
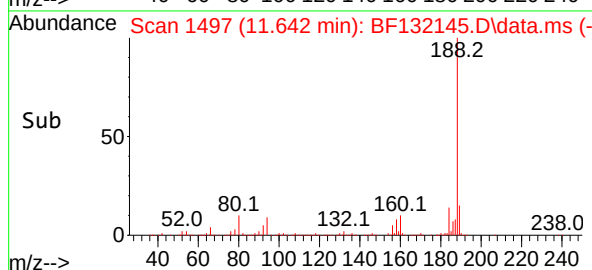
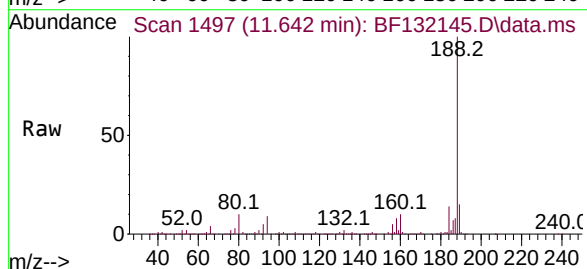
Manual Integrations
APPROVED

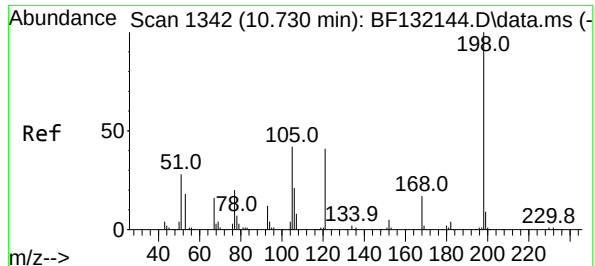
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.642 min Scan# 1497
Delta R.T. -0.000 min
Lab File: BF132145.D
Acq: 19 Jan 2023 14:05

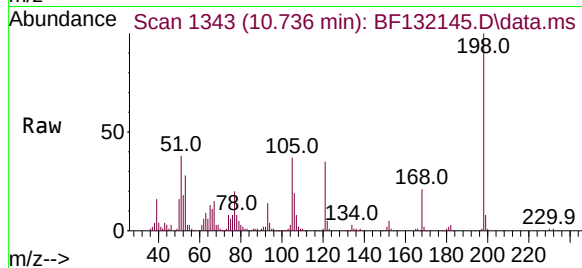
Tgt Ion:188 Resp: 585882
Ion Ratio Lower Upper
188 100
94 9.0 6.9 10.3
80 9.6 7.5 11.3





#65
4,6-Dinitro-2-methylphenol
Concen: 53.948 ng
RT: 10.736 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF132145.D
Acq: 19 Jan 2023 14:05

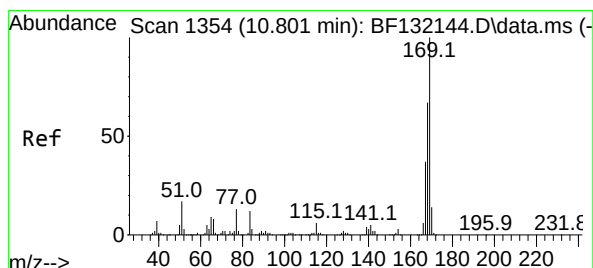
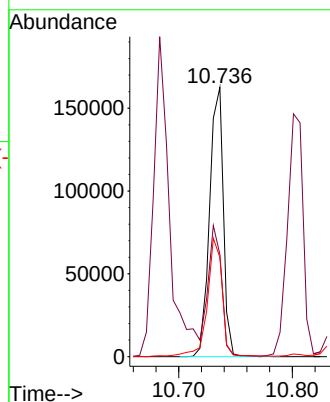
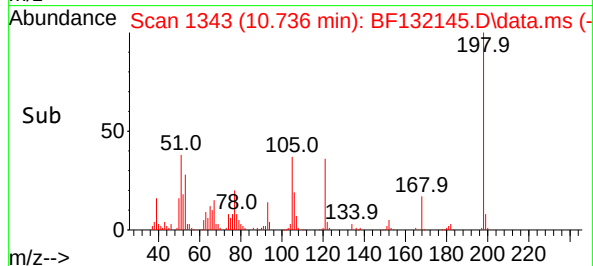
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



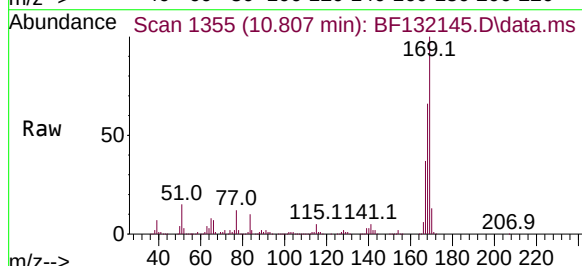
Tgt Ion:198 Resp: 137036
Ion Ratio Lower Upper
198 100
51 37.9 24.3 64.3
105 36.9 23.3 63.3

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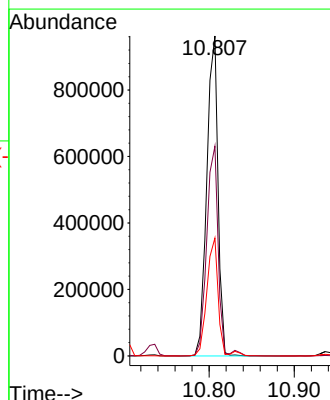
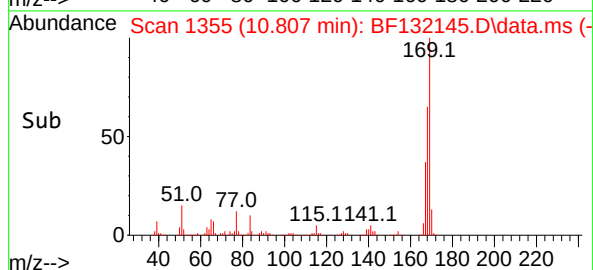
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

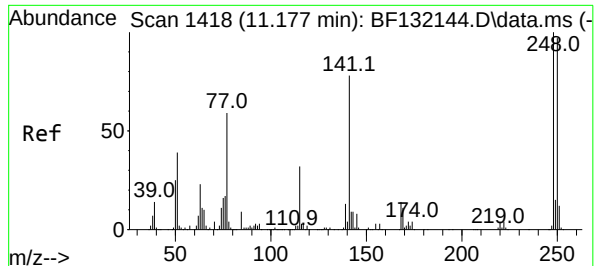


#66
n-Nitrosodiphenylamine
Concen: 46.675 ng
RT: 10.807 min Scan# 1355
Delta R.T. 0.006 min
Lab File: BF132145.D
Acq: 19 Jan 2023 14:05



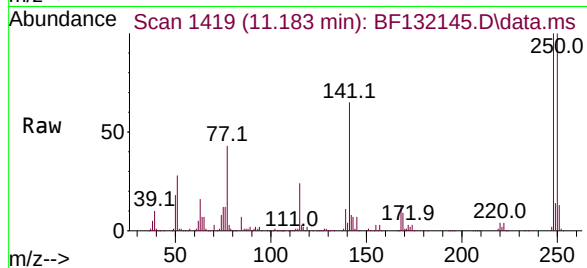
Tgt Ion:169 Resp: 875788
Ion Ratio Lower Upper
169 100
168 65.5 53.4 80.0
167 36.9 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 47.108 ng
RT: 11.183 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF132145.D
Acq: 19 Jan 2023 14:05

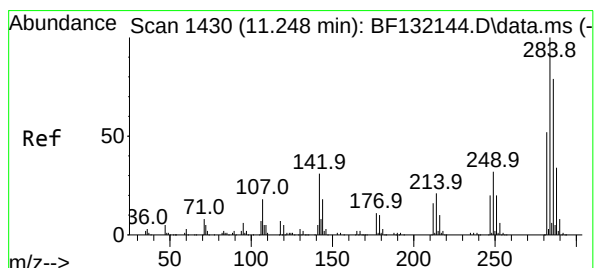
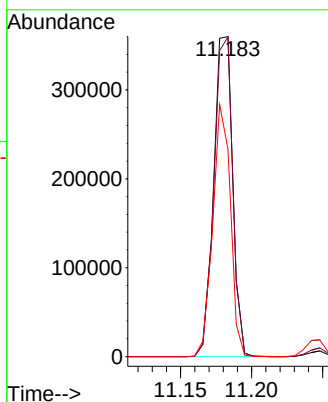
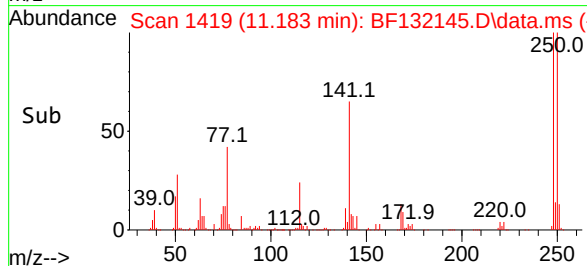
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



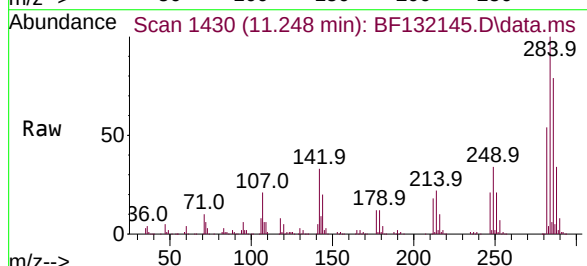
Tgt Ion:248 Resp: 336414
Ion Ratio Lower Upper
248 100
250 99.9 77.4 116.0
141 64.8 62.2 93.2

Manual Integrations
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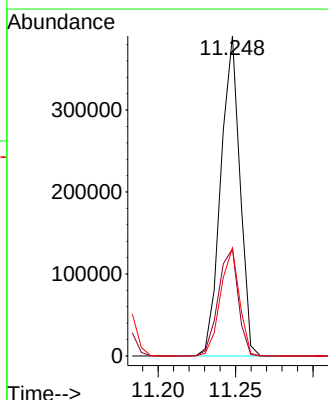
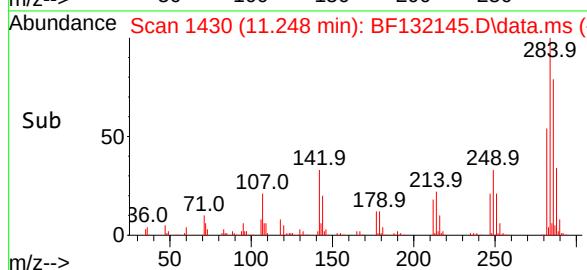
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

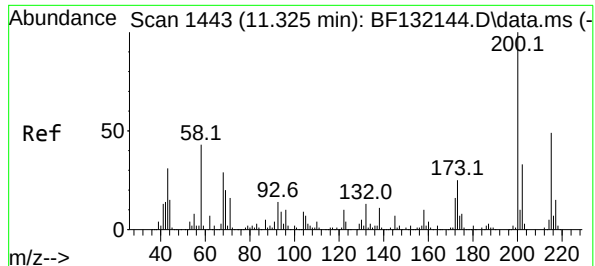


#68
Hexachlorobenzene
Concen: 47.208 ng
RT: 11.248 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF132145.D
Acq: 19 Jan 2023 14:05



Tgt Ion:284 Resp: 335056
Ion Ratio Lower Upper
284 100
142 33.5 24.7 37.1
249 33.7 25.6 38.4





#69

Atrazine

Concen: 47.996 ng

RT: 11.324 min Scan# 1443

Delta R.T. -0.000 min

Lab File: BF132145.D

Acq: 19 Jan 2023 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:200 Resp: 277856

Ion Ratio Lower Upper

200 100

173 25.4 5.0 45.0

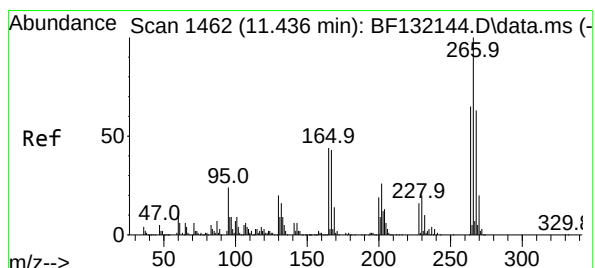
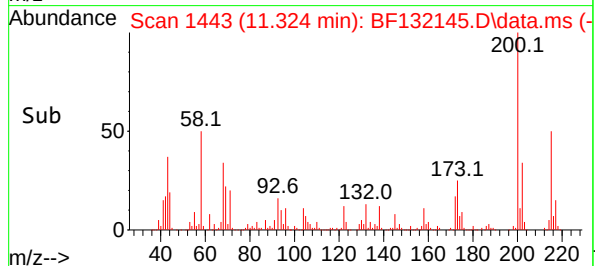
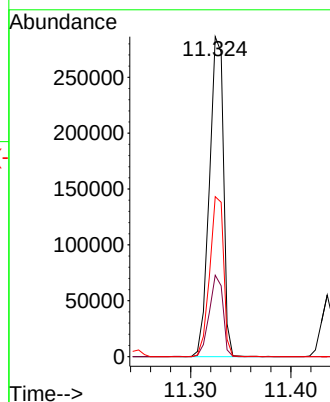
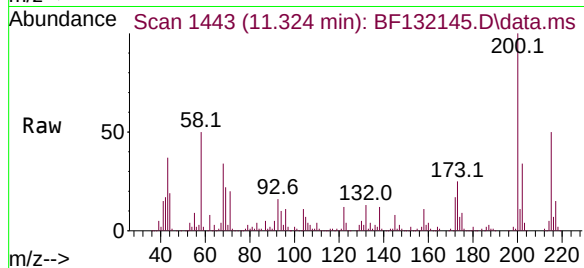
215 50.0 28.6 68.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#70

Pentachlorophenol

Concen: 53.494 ng

RT: 11.436 min Scan# 1462

Delta R.T. -0.000 min

Lab File: BF132145.D

Acq: 19 Jan 2023 14:05

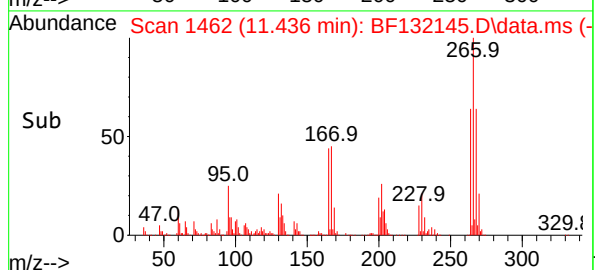
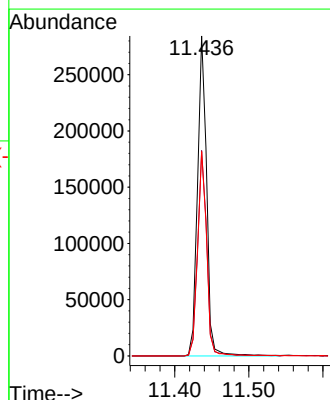
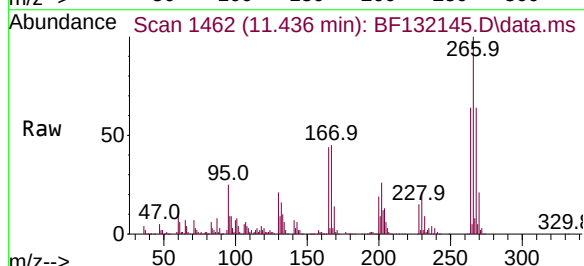
Tgt Ion:266 Resp: 243980

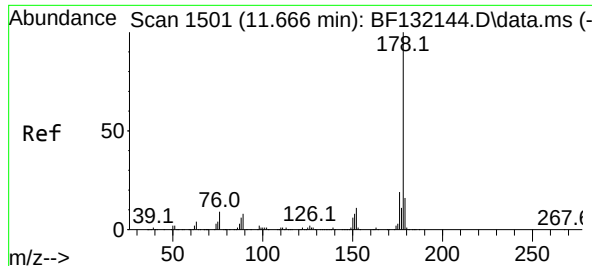
Ion Ratio Lower Upper

266 100

268 64.2 50.8 76.2

264 63.8 52.3 78.5





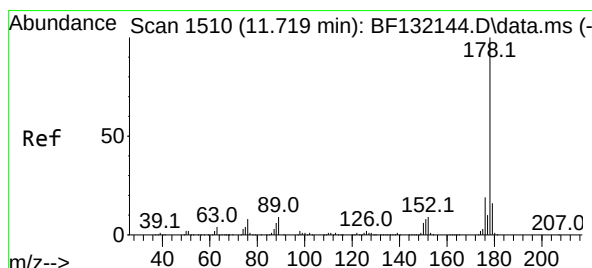
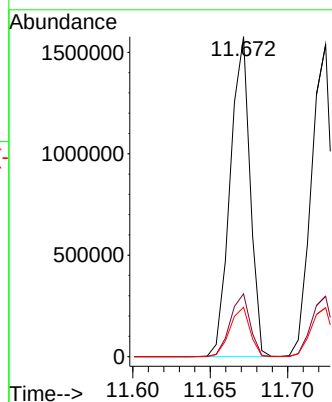
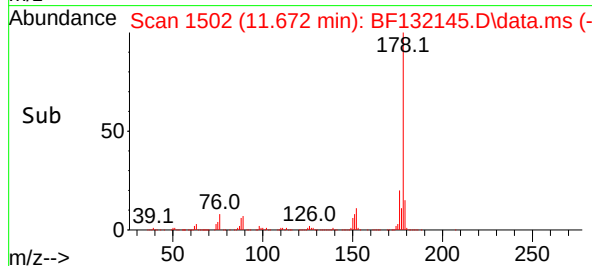
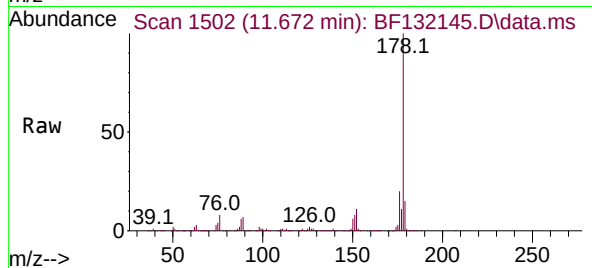
#71
Phenanthrene
Concen: 45.749 ng
RT: 11.672 min Scan# 1510
Delta R.T. 0.006 min
Lab File: BF132145.D
Acq: 19 Jan 2023 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:178 Resp: 1406598
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 15.4 12.6 19.0

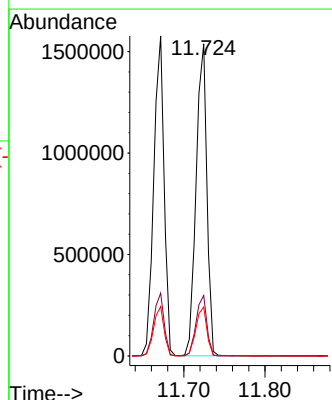
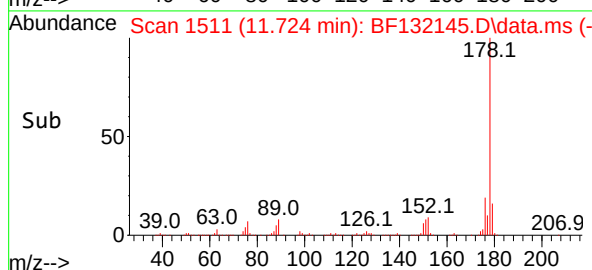
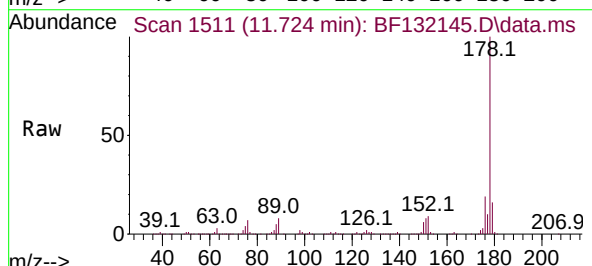
Manual Integrations
APPROVED

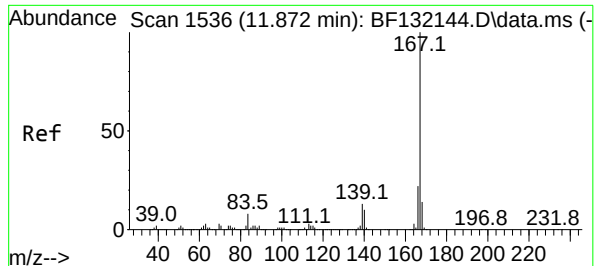
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#72
Anthracene
Concen: 45.441 ng
RT: 11.724 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BF132145.D
Acq: 19 Jan 2023 14:05

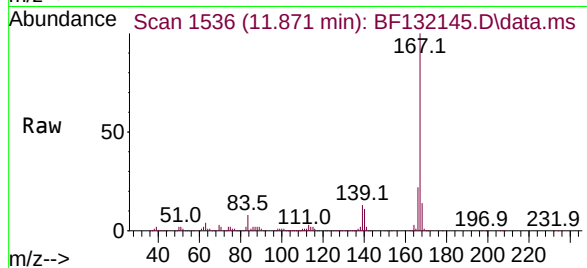
Tgt Ion:178 Resp: 1413425
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.7 12.6 18.8





#73
 Carbazole
 Concen: 45.726 ng
 RT: 11.871 min Scan# 1536
 Delta R.T. -0.000 min
 Lab File: BF132145.D
 Acq: 19 Jan 2023 14:05

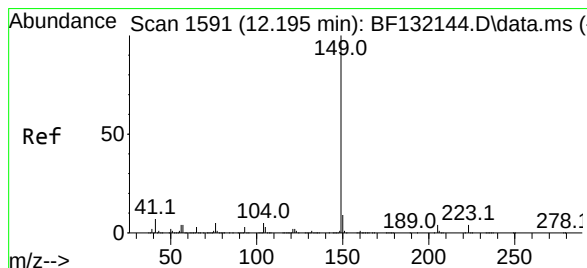
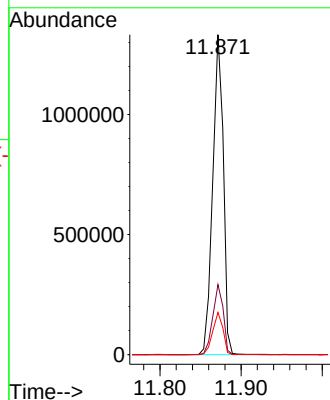
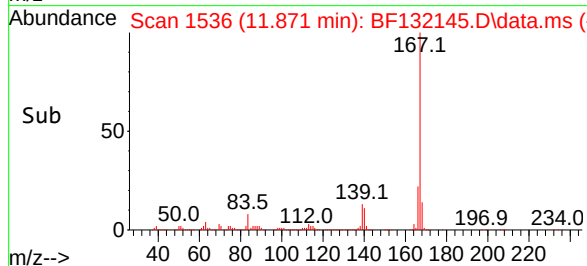
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050



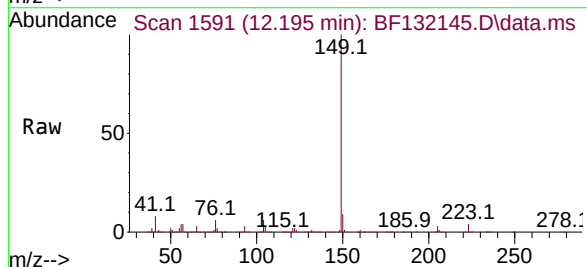
Tgt Ion:167 Resp: 1214908
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.7 26.5
 139 13.2 10.5 15.7

Manual Integrations
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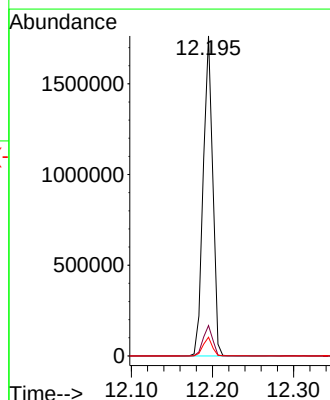
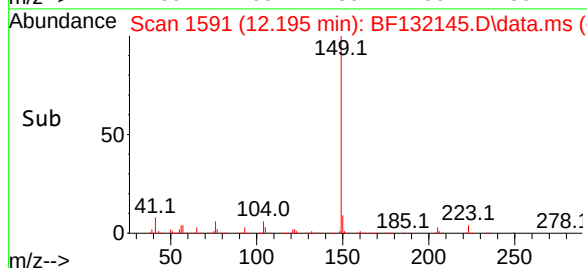
Reviewed By :Christian Giraldo 01/20/2023
 Supervised By :Jagrut Upadhyay 01/20/2023

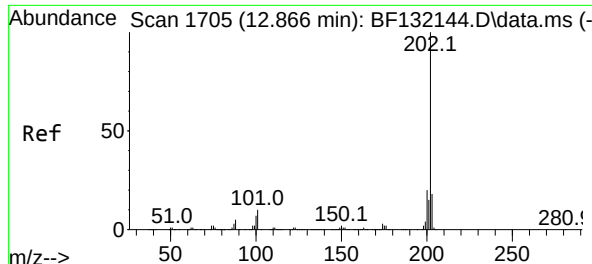


#74
 Di-n-butylphthalate
 Concen: 48.393 ng
 RT: 12.195 min Scan# 1591
 Delta R.T. 0.000 min
 Lab File: BF132145.D
 Acq: 19 Jan 2023 14:05



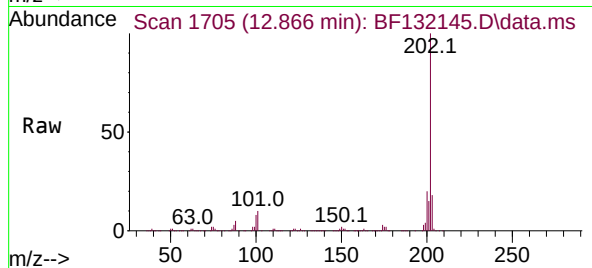
Tgt Ion:149 Resp: 1431340
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 5.8 4.3 6.5





#75
Fluoranthene
Concen: 45.390 ng
RT: 12.866 min Scan# 1705
Delta R.T. -0.000 min
Lab File: BF132145.D
Acq: 19 Jan 2023 14:05

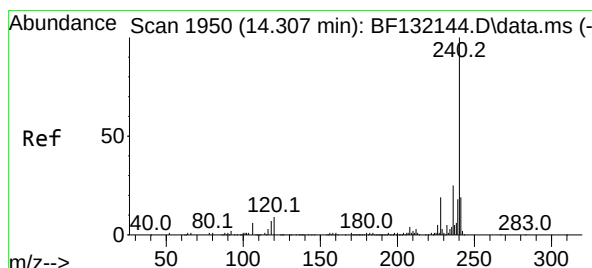
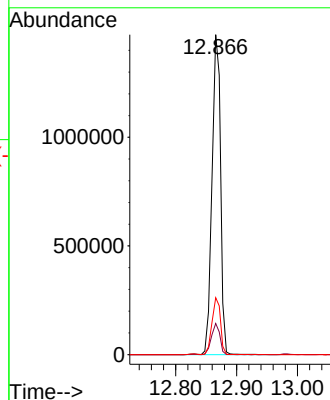
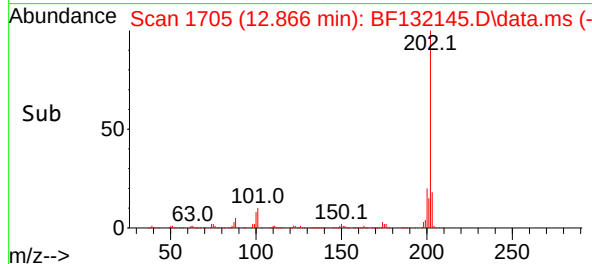
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:202 Resp: 1433519
Ion Ratio Lower Upper
202 100
101 9.7 0.0 29.6
203 17.8 0.0 37.9

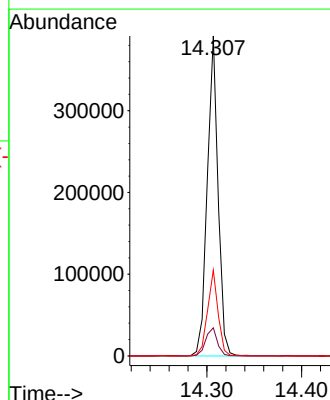
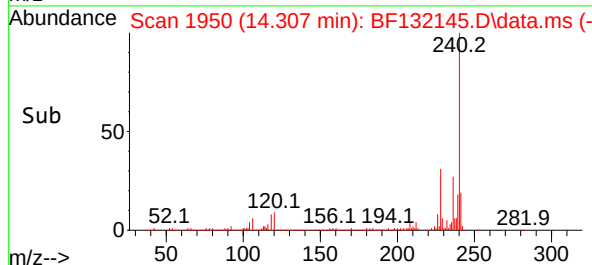
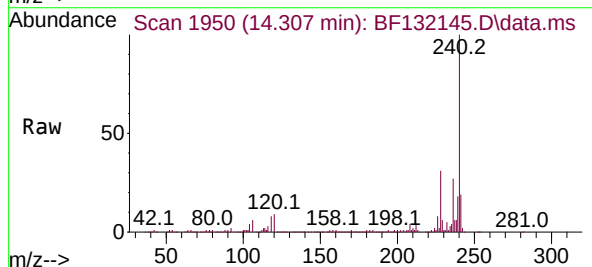
Manual Integrations
APPROVED

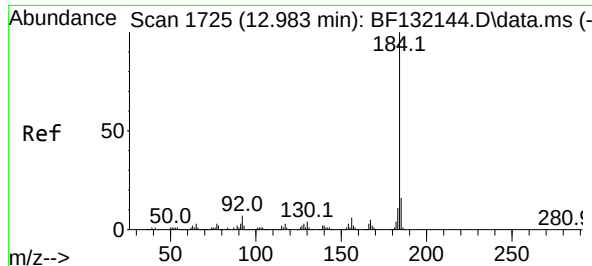
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.307 min Scan# 1950
Delta R.T. -0.000 min
Lab File: BF132145.D
Acq: 19 Jan 2023 14:05

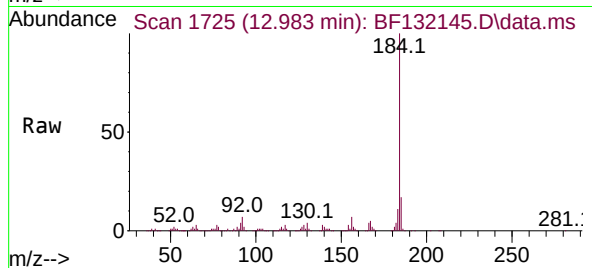
Tgt Ion:240 Resp: 311022
Ion Ratio Lower Upper
240 100
120 8.8 6.9 10.3
236 26.8 20.3 30.5





#77
Benzidine
Concen: 47.367 ng
RT: 12.983 min Scan# 1725
Delta R.T. 0.000 min
Lab File: BF132145.D
Acq: 19 Jan 2023 14:05

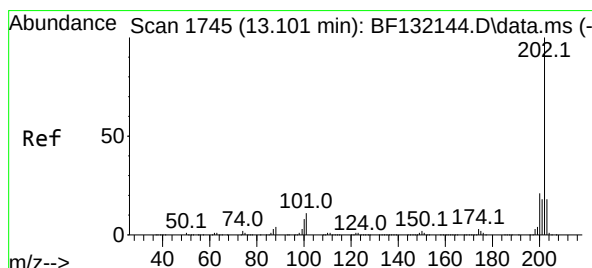
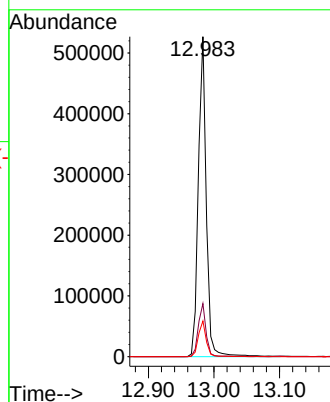
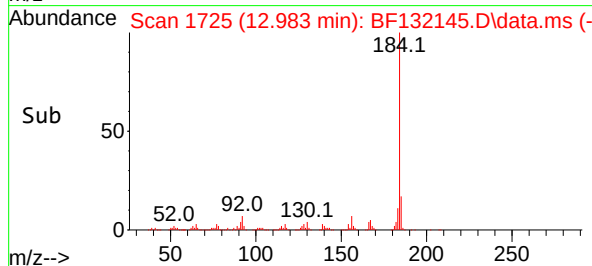
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



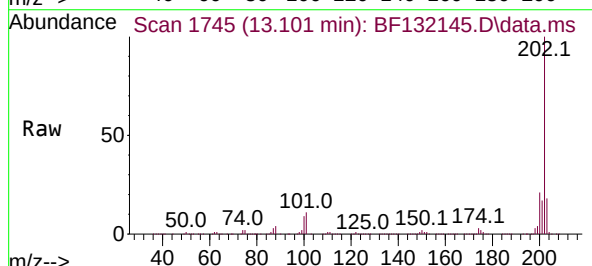
Tgt Ion:184 Resp: 442327
Ion Ratio Lower Upper
184 100
185 16.6 12.5 18.7
183 11.1 9.0 13.4

Manual Integrations
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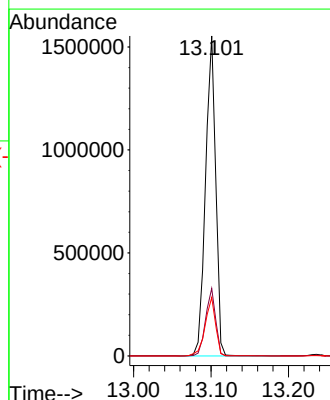
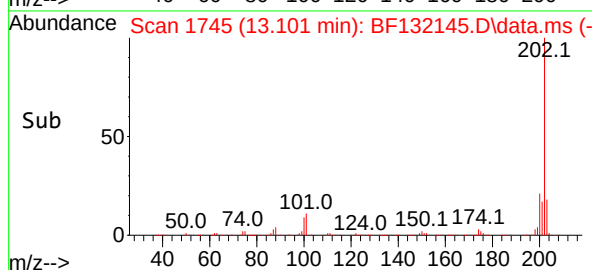
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

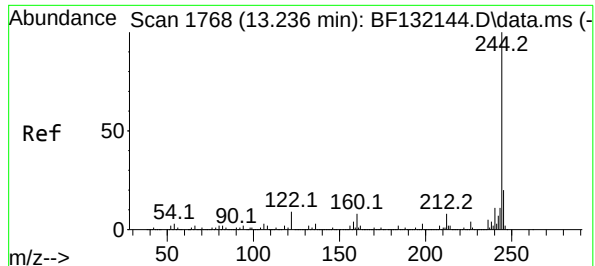


#78
Pyrene
Concen: 49.360 ng
RT: 13.101 min Scan# 1745
Delta R.T. -0.000 min
Lab File: BF132145.D
Acq: 19 Jan 2023 14:05



Tgt Ion:202 Resp: 1414860
Ion Ratio Lower Upper
202 100
200 21.1 16.7 25.1
203 18.2 14.0 21.0





#79

Terphenyl-d14

Concen: 93.467 ng

RT: 13.236 min Scan# 1768

Delta R.T. 0.000 min

Lab File: BF132145.D

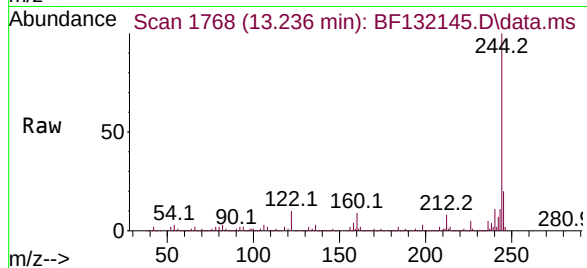
Acq: 19 Jan 2023 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:244 Resp: 173543

Ion Ratio Lower Upper

244 100

212 8.5 6.7 10.1

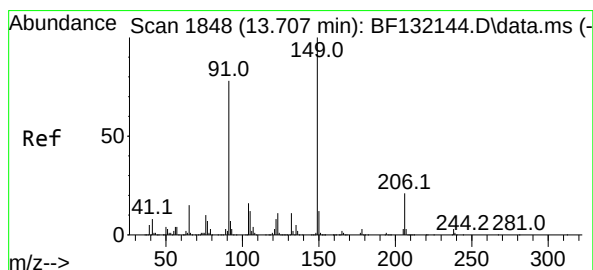
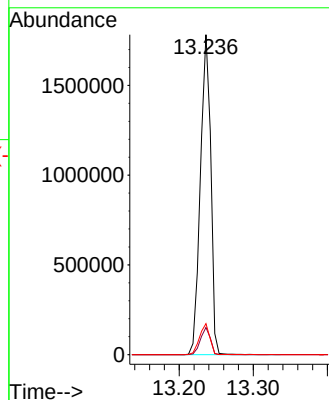
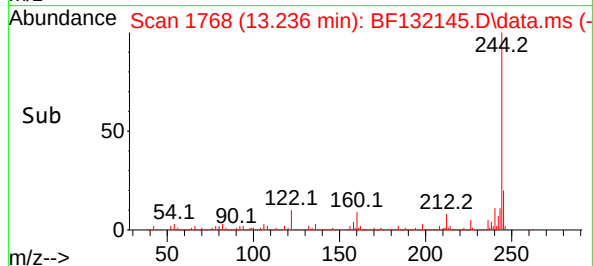
122 9.7 7.4 11.2

Manual Integrations

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#80

Butylbenzylphthalate

Concen: 55.942 ng

RT: 13.707 min Scan# 1848

Delta R.T. -0.000 min

Lab File: BF132145.D

Acq: 19 Jan 2023 14:05

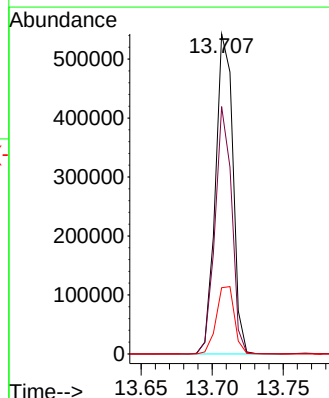
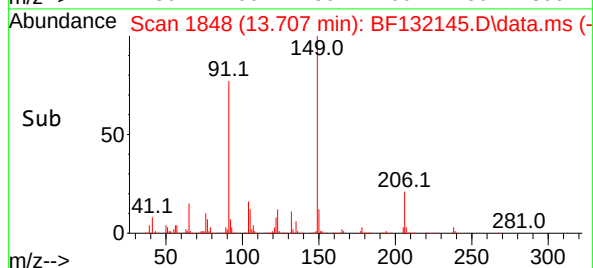
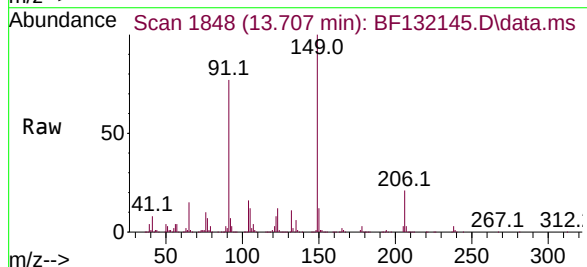
Tgt Ion:149 Resp: 464683

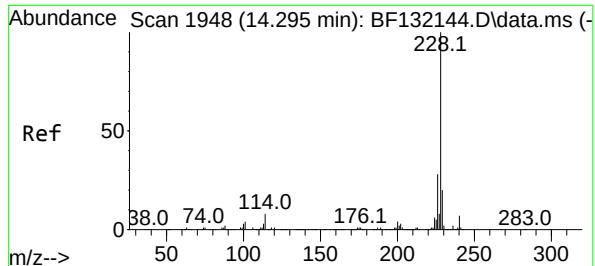
Ion Ratio Lower Upper

149 100

91 77.3 62.6 94.0

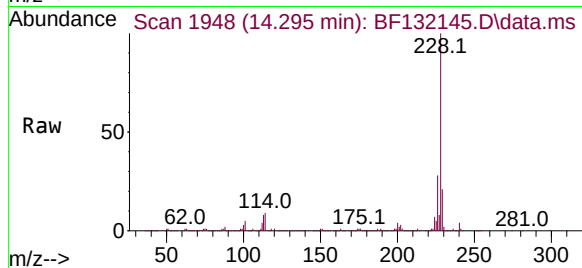
206 20.7 16.4 24.6





#81
Benzo(a)anthracene
Concen: 49.077 ng
RT: 14.295 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BF132145.D
Acq: 19 Jan 2023 14:05

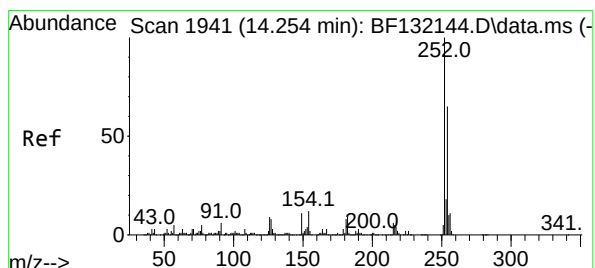
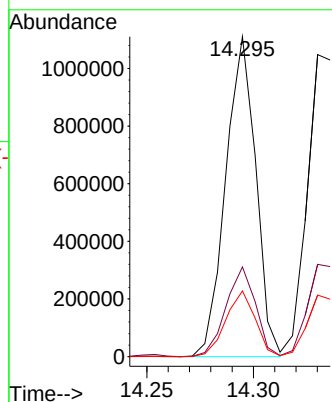
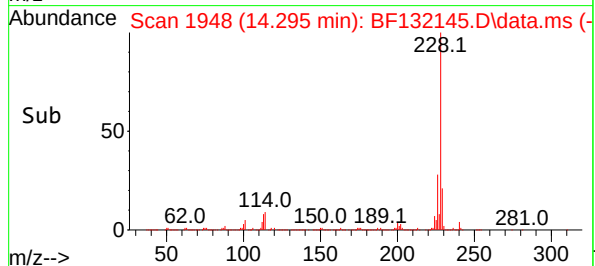
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



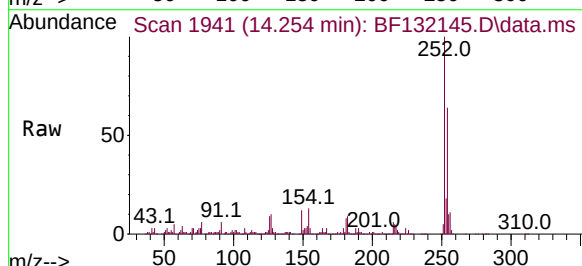
Tgt Ion:228 Resp: 1090452
Ion Ratio Lower Upper
228 100
226 28.0 22.5 33.7
229 20.5 16.1 24.1

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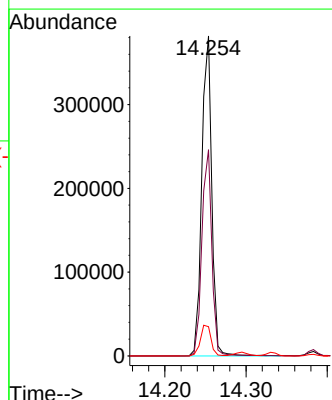
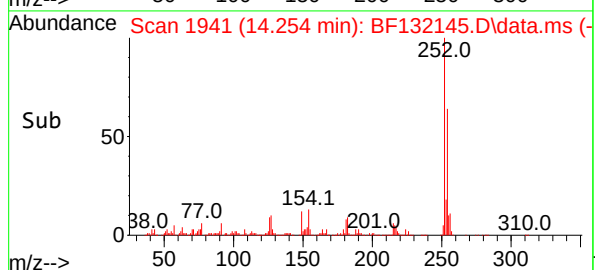
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

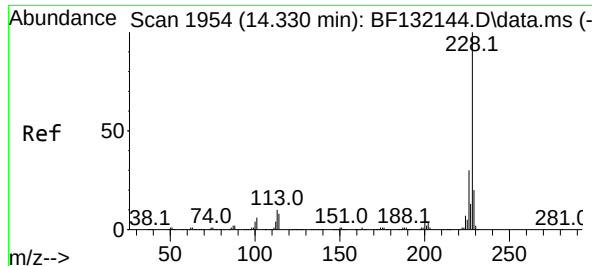


#82
3,3'-Dichlorobenzidine
Concen: 52.500 ng
RT: 14.254 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BF132145.D
Acq: 19 Jan 2023 14:05



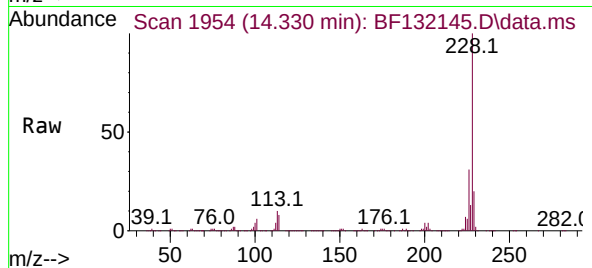
Tgt Ion:252 Resp: 324871
Ion Ratio Lower Upper
252 100
254 64.4 52.4 78.6
126 9.1 7.0 10.6





#83
Chrysene
Concen: 48.165 ng
RT: 14.330 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BF132145.D
Acq: 19 Jan 2023 14:05

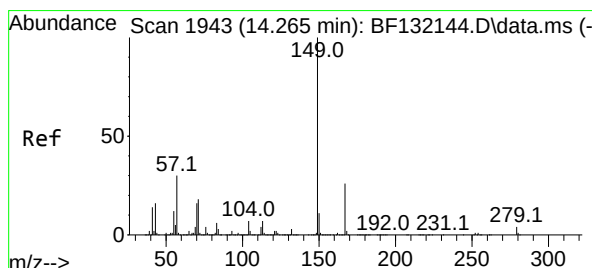
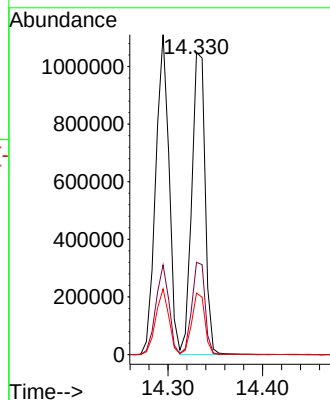
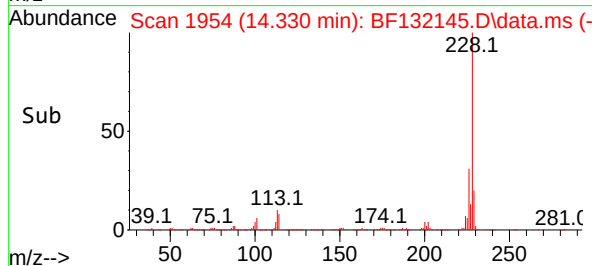
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:228 Resp: 1018676
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 20.4 15.8 23.6

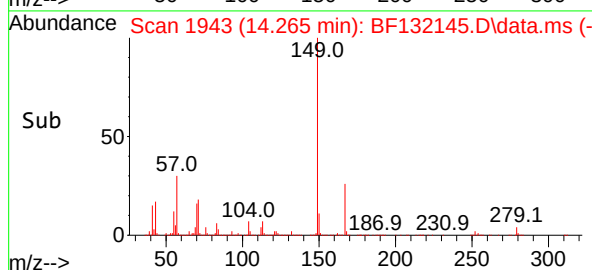
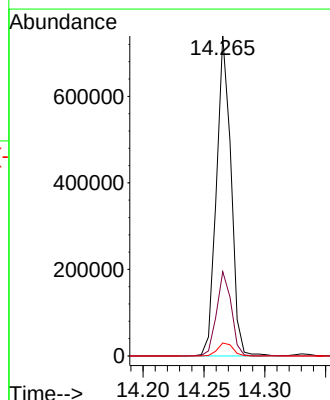
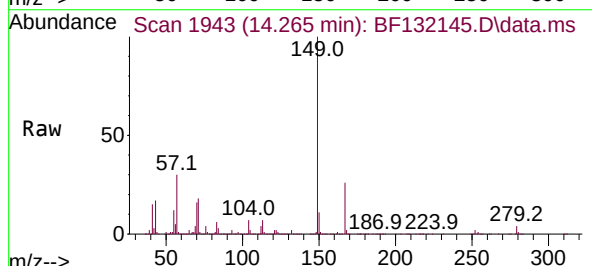
Manual Integrations
APPROVED

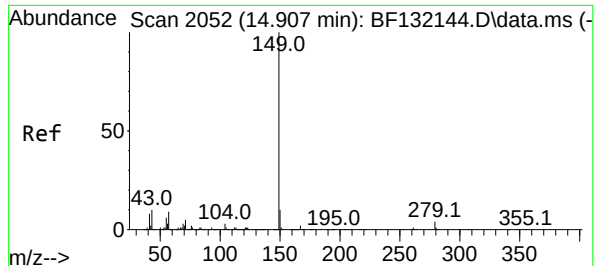
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 55.881 ng
RT: 14.265 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BF132145.D
Acq: 19 Jan 2023 14:05

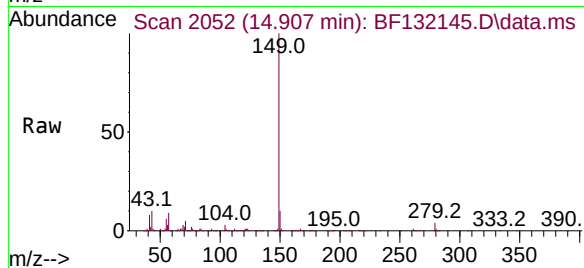
Tgt Ion:149 Resp: 612928
Ion Ratio Lower Upper
149 100
167 26.3 21.0 31.6
279 4.0 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 54.824 ng
RT: 14.907 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BF132145.D
Acq: 19 Jan 2023 14:05

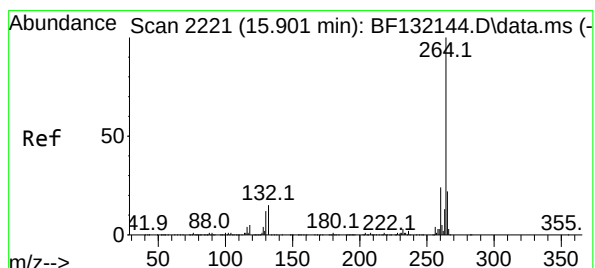
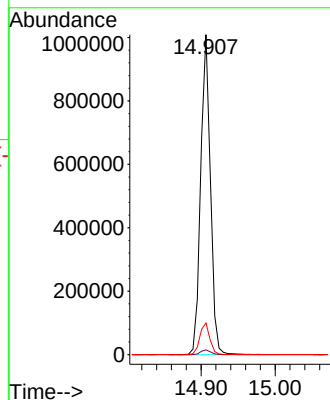
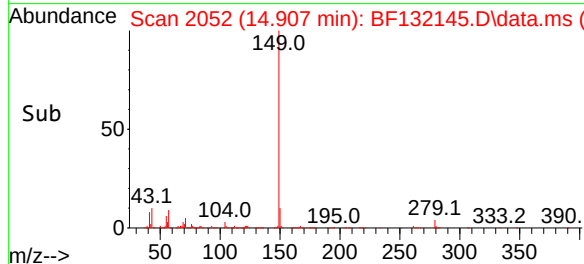
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:149 Resp: 923139
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 10.2 8.4 12.6

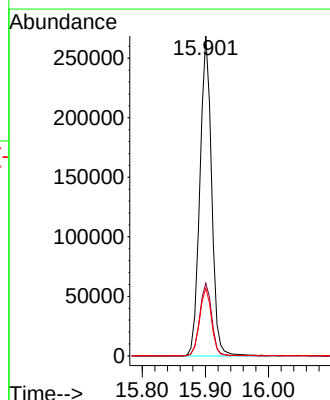
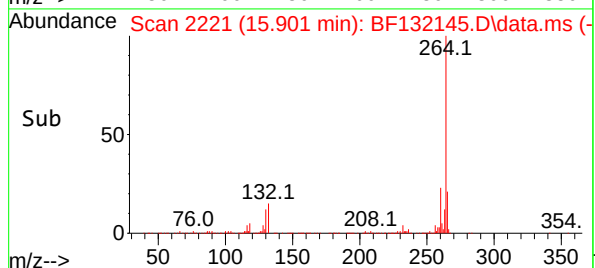
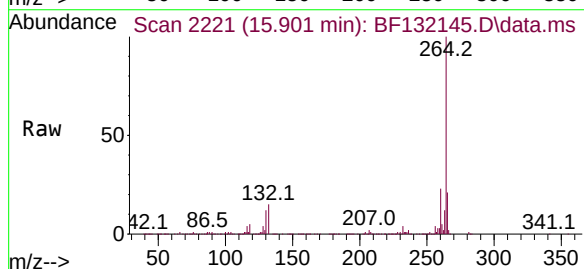
Manual Integrations
APPROVED

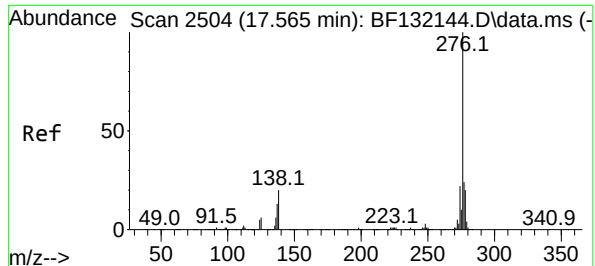
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.901 min Scan# 2221
Delta R.T. -0.000 min
Lab File: BF132145.D
Acq: 19 Jan 2023 14:05

Tgt Ion:264 Resp: 346490
Ion Ratio Lower Upper
264 100
260 22.7 19.1 28.7
265 21.1 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.593 ng

RT: 17.571 min Scan# 2505

Delta R.T. 0.006 min

Lab File: BF132145.D

Acq: 19 Jan 2023 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:276 Resp: 1347579

Ion Ratio Lower Upper

276 100

138 22.2 17.9 26.9

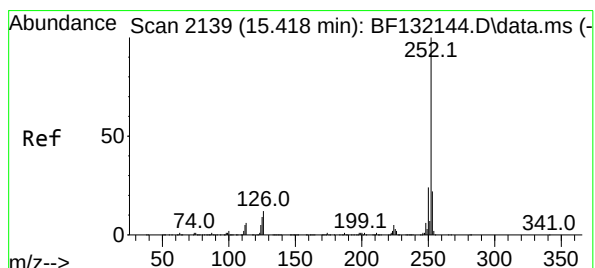
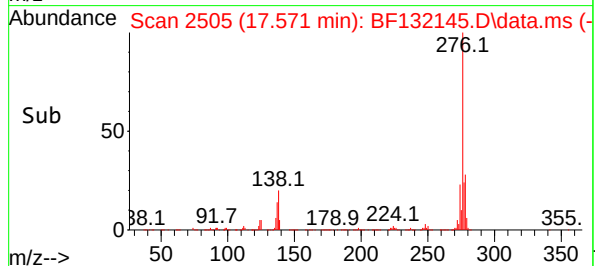
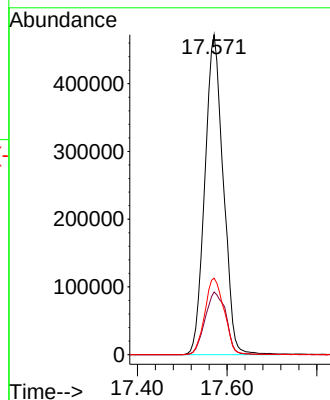
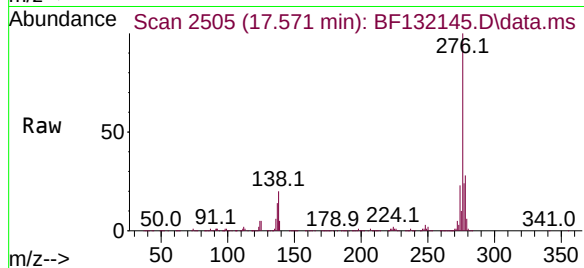
277 25.0 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#88

Benzo(b)fluoranthene

Concen: 47.809 ng

RT: 15.418 min Scan# 2139

Delta R.T. 0.000 min

Lab File: BF132145.D

Acq: 19 Jan 2023 14:05

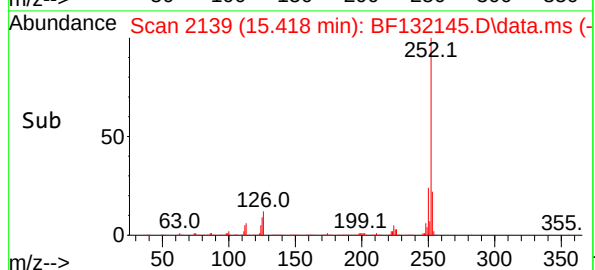
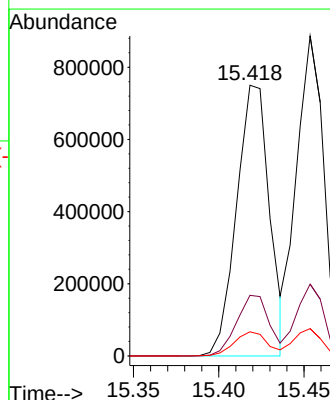
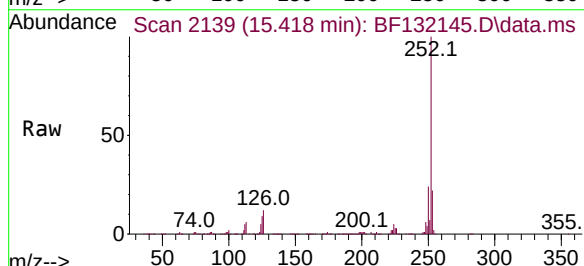
Tgt Ion:252 Resp: 1008597

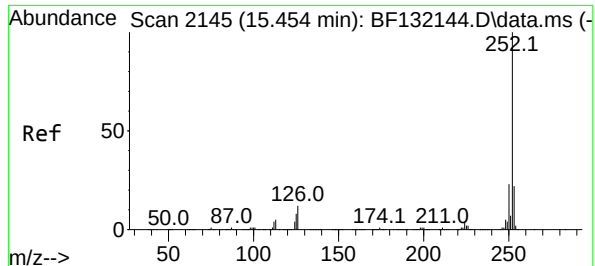
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

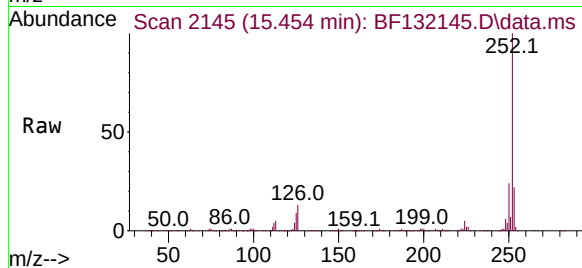
125 8.9 7.2 10.8





#89
Benzo(k)fluoranthene
Concen: 46.580 ng
RT: 15.454 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BF132145.D
Acq: 19 Jan 2023 14:05

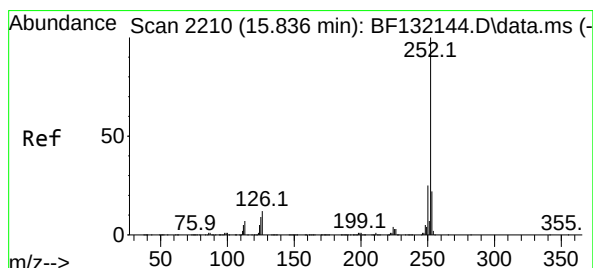
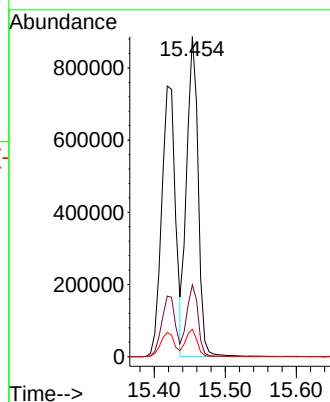
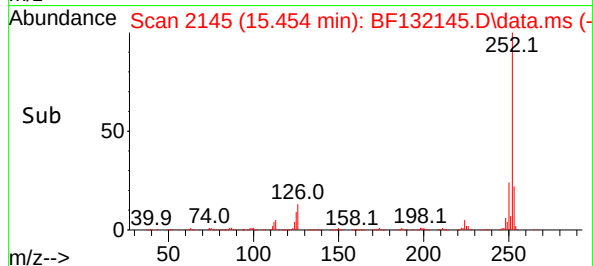
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:252 Resp: 1002201
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 8.5 6.4 9.6

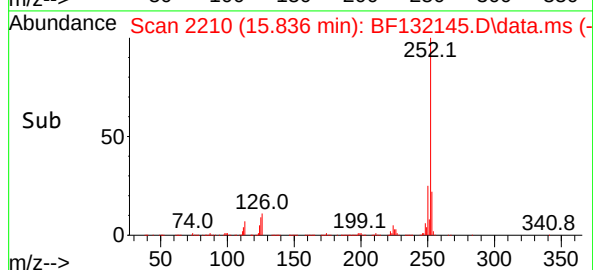
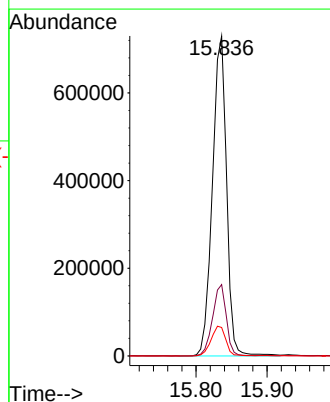
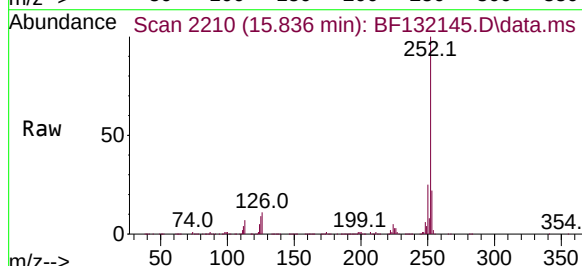
Manual Integrations
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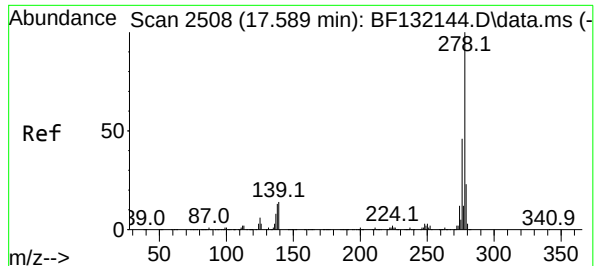
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#90
Benzo(a)pyrene
Concen: 49.832 ng
RT: 15.836 min Scan# 2210
Delta R.T. -0.000 min
Lab File: BF132145.D
Acq: 19 Jan 2023 14:05

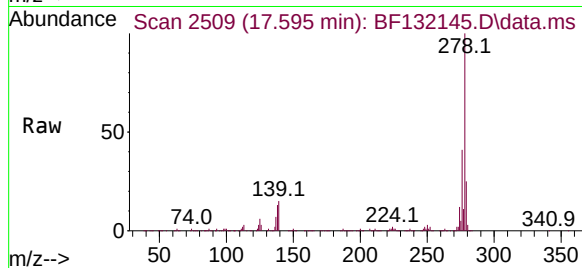
Tgt Ion:252 Resp: 1011307
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 8.9 7.3 10.9





#91
Dibenzo(a,h)anthracene
Concen: 52.778 ng
RT: 17.595 min Scan# 2508
Delta R.T. 0.006 min
Lab File: BF132145.D
Acq: 19 Jan 2023 14:05

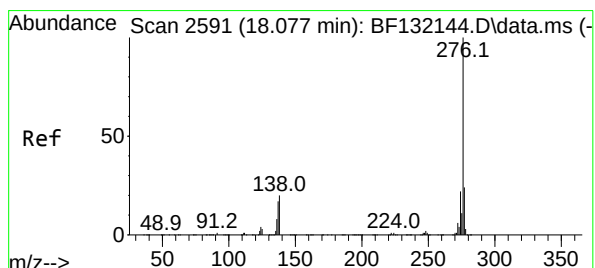
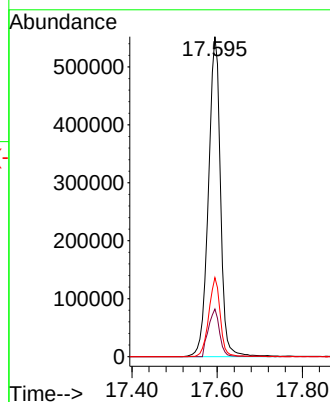
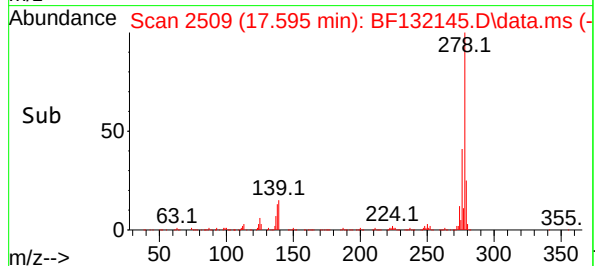
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion: 278 Resp: 1082263
Ion Ratio Lower Upper
278 100
139 14.9 11.4 17.2
279 24.7 18.6 28.0

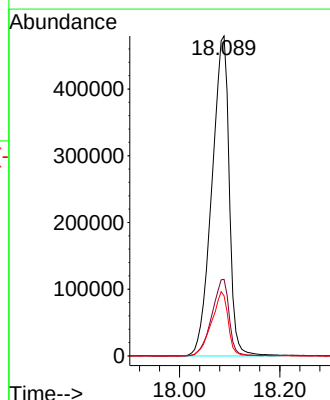
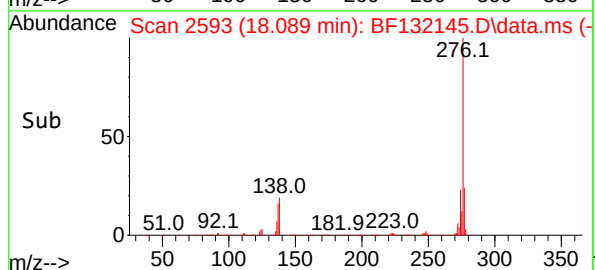
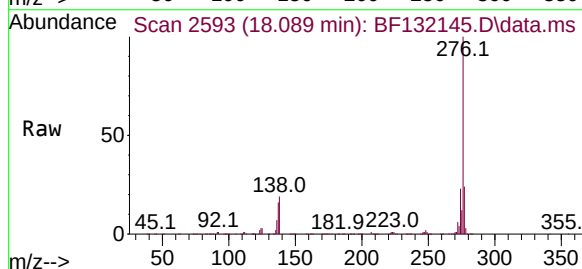
Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 01/20/2023
Supervised By : Jagrut Upadhyay 01/20/2023



#92
Benzo(g,h,i)perylene
Concen: 53.311 ng
RT: 18.089 min Scan# 2593
Delta R.T. 0.012 min
Lab File: BF132145.D
Acq: 19 Jan 2023 14:05

Tgt Ion: 276 Resp: 1150332
Ion Ratio Lower Upper
276 100
277 23.9 18.9 28.3
138 18.8 15.7 23.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011923\
 Data File : BF132146.D
 Acq On : 19 Jan 2023 14:38
 Operator : CG\JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/20/2023
 Supervised By : Jagrut Upadhyay 01/20/2023

Quant Time: Jan 20 00:12:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:07:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.096	152	164101	20.000	ng	0.00
21) Naphthalene-d8	8.384	136	543258	20.000	ng	0.00
39) Acenaphthene-d10	10.148	164	277026	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	485801	20.000	ng	0.00
76) Chrysene-d12	14.307	240	261239	20.000	ng	0.00
86) Perylene-d12	15.901	264	324061	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.713	112	1059992	112.838	ng	0.00
7) Phenol-d6	6.707	99	1331098	112.564	ng	0.00
23) Nitrobenzene-d5	7.660	82	1263977	123.599	ng	0.00
42) 2,4,6-Tribromophenol	10.942	330	364523	123.189	ng	0.00
45) 2-Fluorobiphenyl	9.460	172	1988942	112.362	ng	0.00
79) Terphenyl-d14	13.236	244	1766851	113.293	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.037	88	283102	59.486	ng	99
3) Pyridine	3.790	79	765012	59.879	ng	98
4) n-Nitrosodimethylamine	3.766	42	374475	62.324	ng	100
6) Aniline	6.760	93	954832m	58.063	ng	
8) 2-Chlorophenol	6.878	128	559128	56.624	ng	98
9) Benzaldehyde	6.643	77	399508	52.515	ng	97
10) Phenol	6.725	94	693090	56.300	ng	99
11) bis(2-Chloroethyl)ether	6.825	93	600050	57.578	ng	100
12) 1,3-Dichlorobenzene	7.037	146	624541	56.582	ng	98
13) 1,4-Dichlorobenzene	7.113	146	623474	56.608	ng	97
14) 1,2-Dichlorobenzene	7.266	146	558505	54.840	ng	97
15) Benzyl Alcohol	7.231	79	543905m	59.323	ng	
16) 2,2'-oxybis(1-Chloropr...	7.360	45	858154	56.657	ng	100
17) 2-Methylphenol	7.331	107	501889	58.018	ng	97
18) Hexachloroethane	7.607	117	238869	60.417	ng	98
19) n-Nitroso-di-n-propyla...	7.507	70	400734	55.324	ng	96
20) 3+4-Methylphenols	7.490	107	619283	56.813	ng	95
22) Acetophenone	7.501	105	719773	55.124	ng	96
24) Nitrobenzene	7.678	77	661651	61.107	ng	100
25) Isophorone	7.913	82	1204344	60.189	ng	98
27) 2,4-Dimethylphenol	8.019	122	509668	58.866	ng	98
28) bis(2-Chloroethoxy)met...	8.119	93	685428	57.094	ng	100
29) 2,4-Dichlorophenol	8.231	162	497669	60.545	ng	99
30) 1,2,4-Trichlorobenzene	8.319	180	533946	57.190	ng	99
31) Naphthalene	8.407	128	1573333	56.391	ng	99
32) Benzoic acid	8.131	122	372112	73.214	ng	92
33) 4-Chloroaniline	8.448	127	668392	55.981	ng	98
34) Hexachlorobutadiene	8.513	225	374047	59.639	ng	99
35) Caprolactam	8.831	113	146867	63.124	ng	97
36) 4-Chloro-3-methylphenol	8.919	107	492144	59.496	ng	98
37) 2-Methylnaphthalene	9.095	142	1067083	55.550	ng	99
38) 1-Methylnaphthalene	9.195	142	992206	55.513	ng	98
40) 1,2,4,5-Tetrachloroben...	9.260	216	554629	57.542	ng	100
41) Hexachlorocyclopentadiene	9.248	237	350854	66.706	ng	98
43) 2,4,6-Trichlorophenol	9.366	196	374625	62.627	ng	98
44) 2,4,5-Trichlorophenol	9.401	196	435398	62.235	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011923\
 Data File : BF132146.D
 Acq On : 19 Jan 2023 14:38
 Operator : CG\JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/20/2023
 Supervised By : Jagrut Upadhyay 01/20/2023

Quant Time: Jan 20 00:12:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:07:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.560	154	1238119	56.650	ng	100
47) 2-Chloronaphthalene	9.589	162	969983	57.413	ng	97
48) 2-Nitroaniline	9.678	65	336394	69.154	ng	94
49) Acenaphthylene	10.007	152	1538399	56.920	ng	100
50) Dimethylphthalate	9.860	163	1159801	57.805	ng	99
51) 2,6-Dinitrotoluene	9.919	165	254927	65.553	ng	# 86
52) Acenaphthene	10.184	154	933128	57.399	ng	98
53) 3-Nitroaniline	10.095	138	254855	61.295	ng	99
54) 2,4-Dinitrophenol	10.195	184	109113	69.468	ng	# 46
55) Dibenzofuran	10.354	168	1418239	56.451	ng	96
56) 4-Nitrophenol	10.231	139	198311	65.536	ng	88
57) 2,4-Dinitrotoluene	10.325	165	314857	67.450	ng	97
58) Fluorene	10.701	166	1014678	54.506	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.466	232	331979	62.381	ng	99
60) Diethylphthalate	10.560	149	1131757	57.521	ng	100
61) 4-Chlorophenyl-phenyle...	10.684	204	559503	56.128	ng	97
62) 4-Nitroaniline	10.713	138	234838	60.667	ng	96
63) Azobenzene	10.848	77	1125601	57.002	ng	97
65) 4,6-Dinitro-2-methylph...	10.736	198	149779	71.112	ng	96
66) n-Nitrosodiphenylamine	10.807	169	915576	58.848	ng	99
67) 4-Bromophenyl-phenylether	11.183	248	355646	60.061	ng	94
68) Hexachlorobenzene	11.248	284	353336	60.040	ng	94
69) Atrazine	11.325	200	288287	60.057	ng	99
70) Pentachlorophenol	11.436	266	254300	67.243	ng	98
71) Phenanthrene	11.672	178	1461486	57.327	ng	99
72) Anthracene	11.725	178	1465755	56.831	ng	99
73) Carbazole	11.872	167	1241858	56.370	ng	100
74) Di-n-butylphthalate	12.195	149	1458925	59.487	ng	99
75) Fluoranthene	12.866	202	1459641	55.738	ng	99
77) Benzidine	12.983	184	449922	57.362	ng	98
78) Pyrene	13.101	202	1436571	59.668	ng	99
80) Butylbenzylphthalate	13.707	149	489360	70.140	ng	98
81) Benzo(a)anthracene	14.295	228	1152856	61.773	ng	99
82) 3,3'-Dichlorobenzidine	14.254	252	357350	68.754	ng	99
83) Chrysene	14.336	228	1081540	60.882	ng	99
84) Bis(2-ethylhexyl)phtha...	14.266	149	659424	71.576	ng	99
85) Di-n-octyl phthalate	14.907	149	1066128	75.381	ng	100
87) Indeno(1,2,3-cd)pyrene	17.571	276	1615101	68.678	ng	99
88) Benzo(b)fluoranthene	15.424	252	1178524	59.730	ng	99
89) Benzo(k)fluoranthene	15.454	252	1174837	58.383	ng	99
90) Benzo(a)pyrene	15.836	252	1208530	63.672	ng	99
91) Dibenzo(a,h)anthracene	17.595	278	1286113	67.060	ng	99
92) Benzo(g,h,i)perylene	18.089	276	1382605	68.510	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

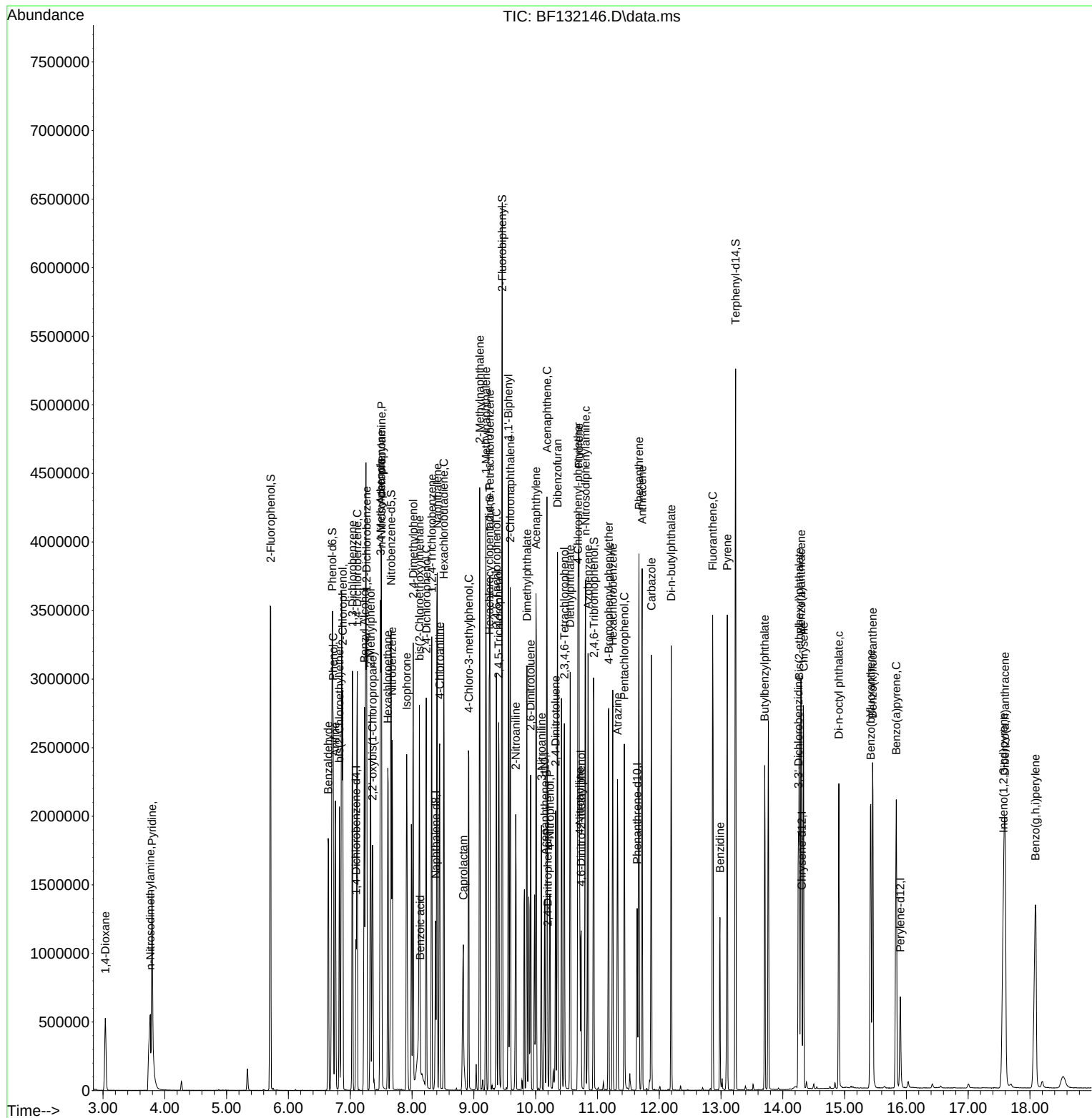
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011923\  
Data File : BF132146.D  
Acq On    : 19 Jan 2023  14:38  
Operator  : CG\JU  
Sample    : SSTDICC060  
Misc      :  
ALS Vial  : 8    Sample Multiplier: 1
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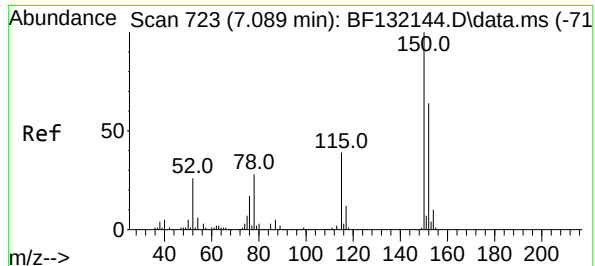
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

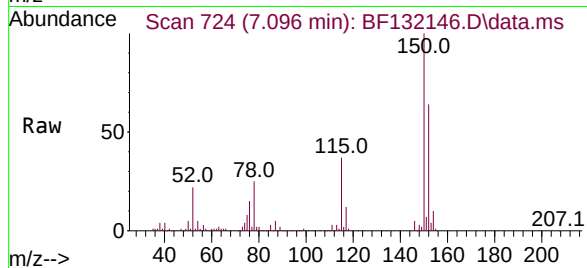
Quant Time: Jan 20 00:12:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 20 00:07:35 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.096 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

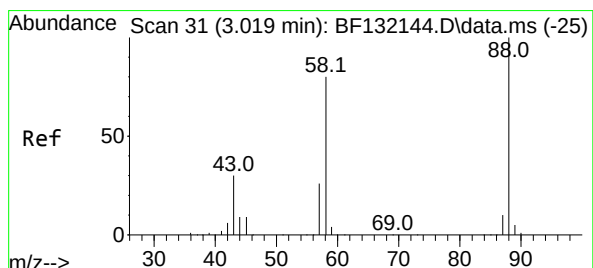
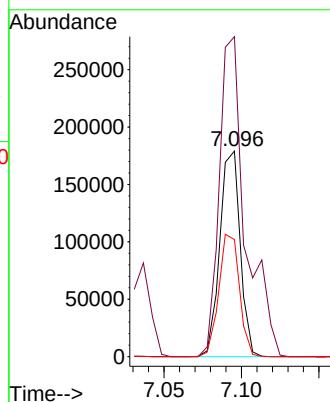
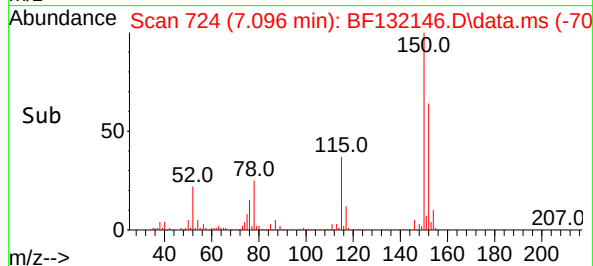
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:152 Resp: 16410
Ion Ratio Lower Upper
152 100
150 155.7 125.8 188.8
115 57.0 49.2 73.8

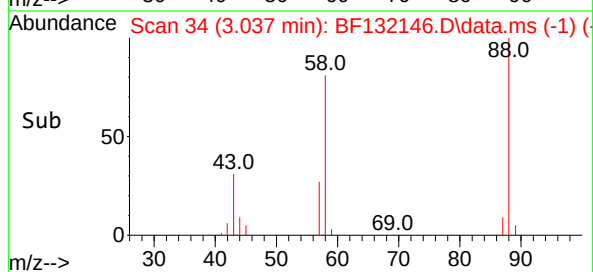
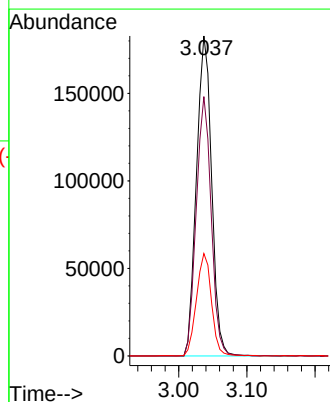
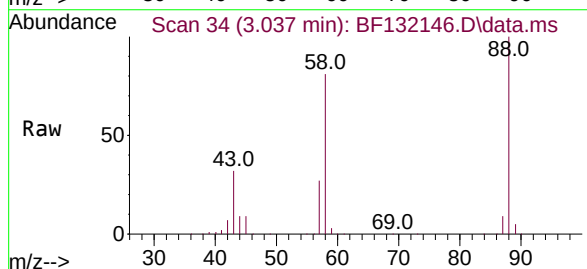
Manual Integrations
APPROVED

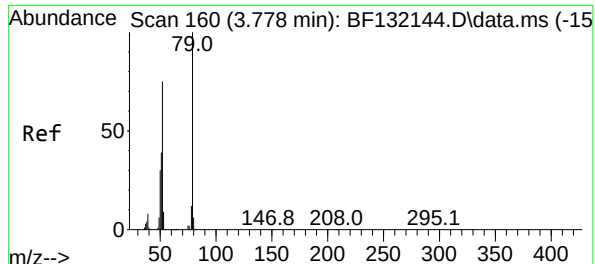
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#2
1,4-Dioxane
Concen: 59.486 ng
RT: 3.037 min Scan# 34
Delta R.T. 0.018 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

Tgt Ion: 88 Resp: 283102
Ion Ratio Lower Upper
88 100
58 79.8 64.0 96.0
43 31.7 24.2 36.4





#3

Pyridine

Concen: 59.879 ng

RT: 3.790 min Scan# 10

Delta R.T. 0.012 min

Lab File: BF132146.D

Acq: 19 Jan 2023 14:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 79 Resp: 765012

Ion Ratio Lower Upper

79 100

52 77.2 60.1 90.1

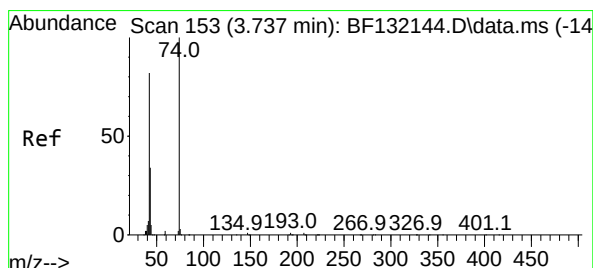
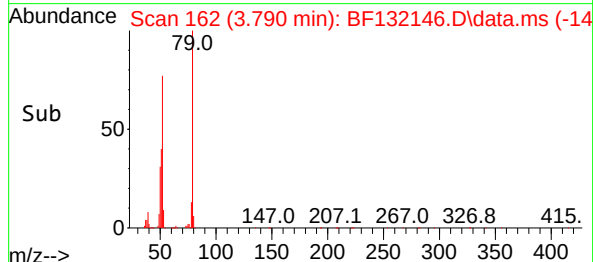
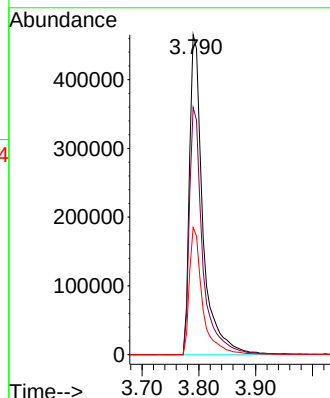
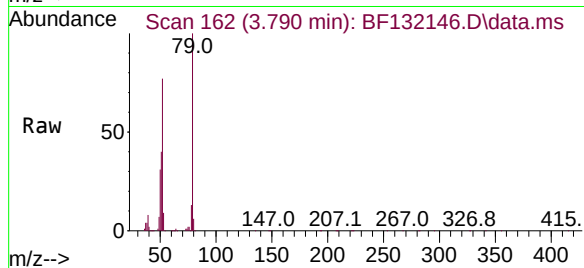
51 39.8 31.4 47.0

Manual Integrations

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#4

n-Nitrosodimethylamine

Concen: 62.324 ng

RT: 3.766 min Scan# 158

Delta R.T. 0.030 min

Lab File: BF132146.D

Acq: 19 Jan 2023 14:38

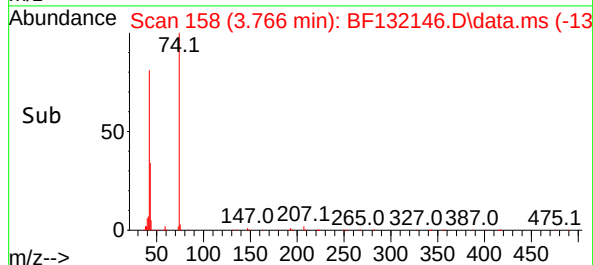
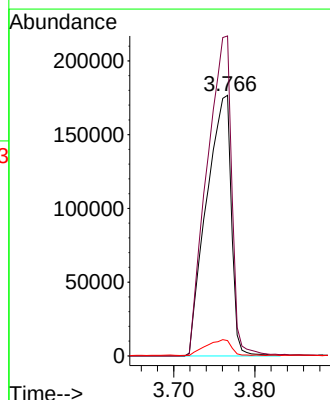
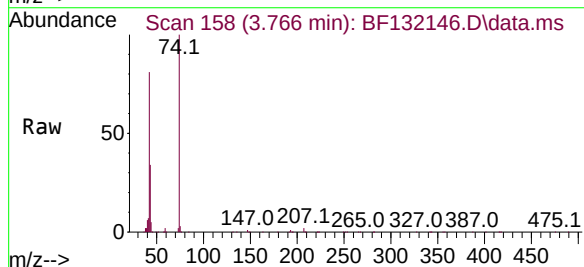
Tgt Ion: 42 Resp: 374475

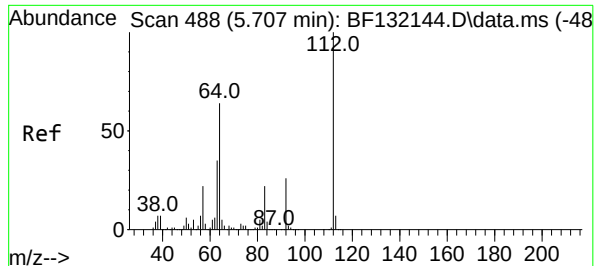
Ion Ratio Lower Upper

42 100

74 122.8 98.1 147.1

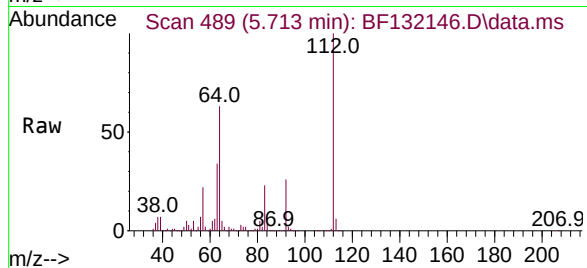
44 5.9 5.2 7.8





#5
2-Fluorophenol
Concen: 112.838 ng
RT: 5.713 min Scan# 488
Delta R.T. 0.006 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

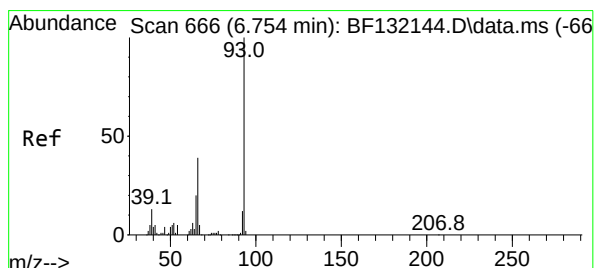
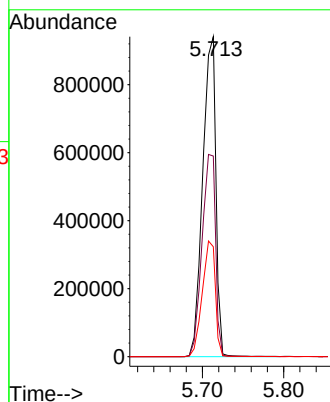
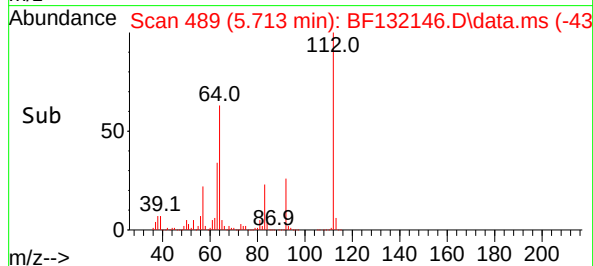
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion: 112 Resp: 1059992
Ion Ratio Lower Upper
112 100
64 62.7 51.4 77.0
63 34.3 28.2 42.2

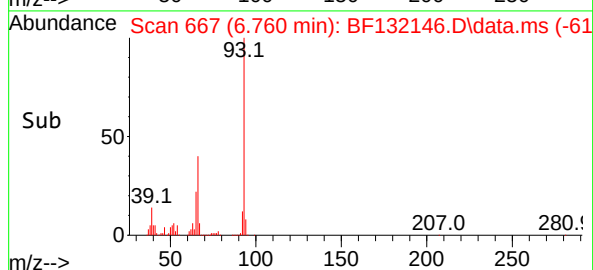
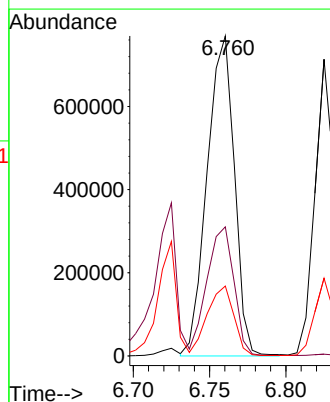
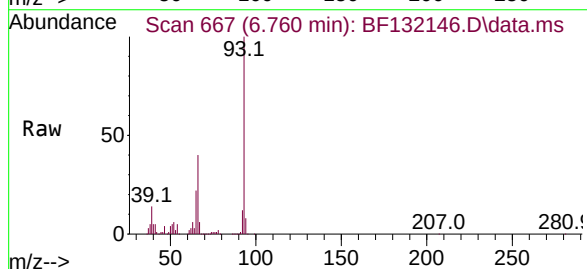
Manual Integrations
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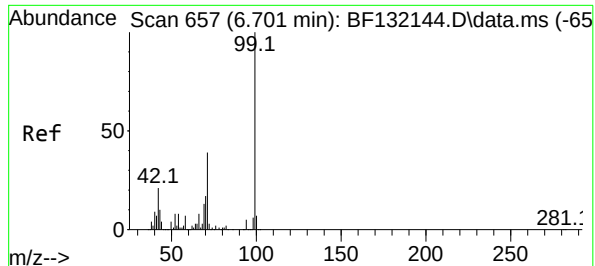
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#6
Aniline
Concen: 58.063 ng m
RT: 6.760 min Scan# 667
Delta R.T. 0.006 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

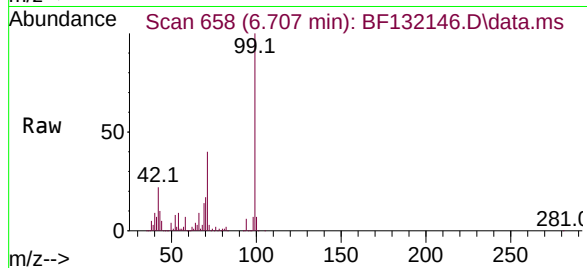
Tgt Ion: 93 Resp: 954832
Ion Ratio Lower Upper
93 100
66 40.3 33.0 49.6
65 21.8 16.8 25.2





#7
Phenol-d6
Concen: 112.564 ng
RT: 6.707 min Scan# 657
Delta R.T. 0.006 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

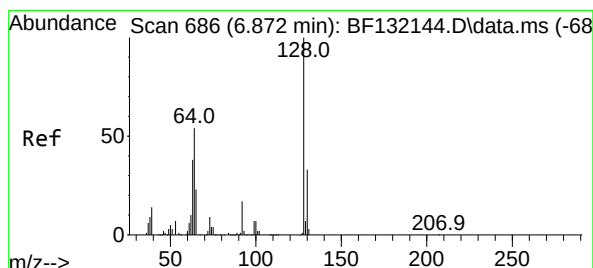
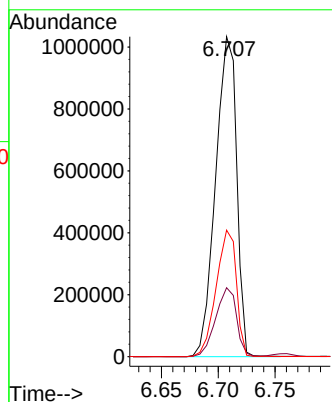
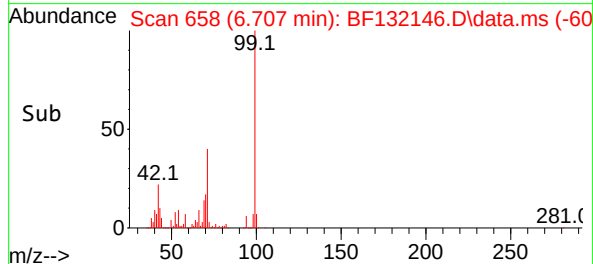
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion: 99 Resp: 1331098
Ion Ratio Lower Upper
99 100
42 21.5 16.6 24.8
71 39.5 30.8 46.2

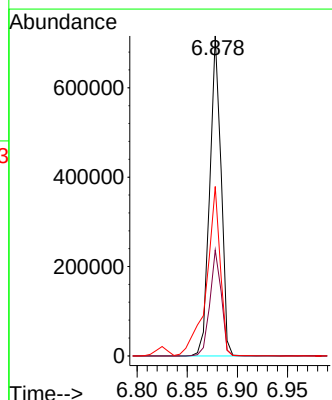
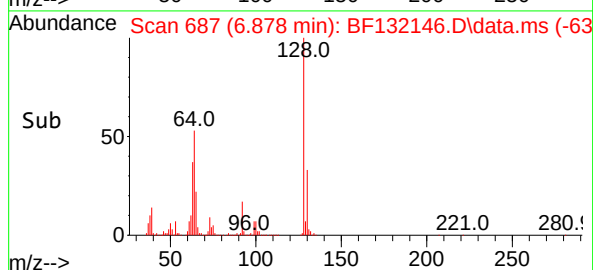
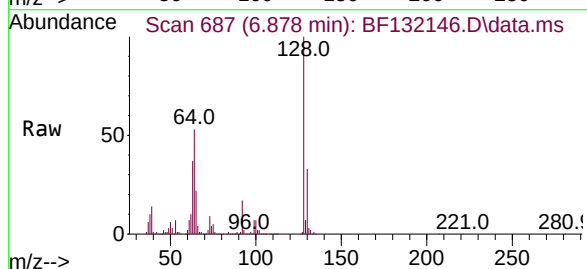
Manual Integrations
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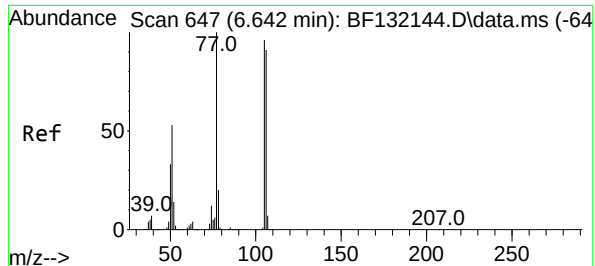
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#8
2-Chlorophenol
Concen: 56.624 ng
RT: 6.878 min Scan# 687
Delta R.T. 0.006 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

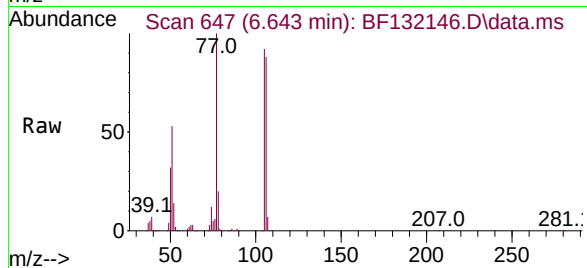
Tgt Ion:128 Resp: 559128
Ion Ratio Lower Upper
128 100
130 33.1 12.8 52.8
64 52.9 34.8 74.8





#9
Benzaldehyde
Concen: 52.515 ng
RT: 6.643 min Scan# 647
Delta R.T. 0.001 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

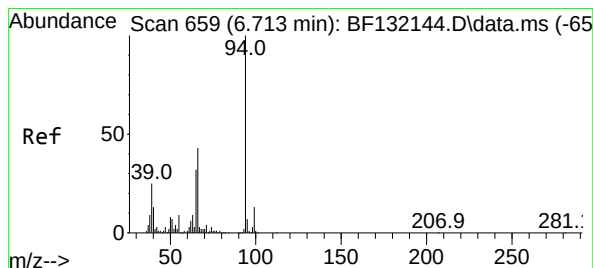
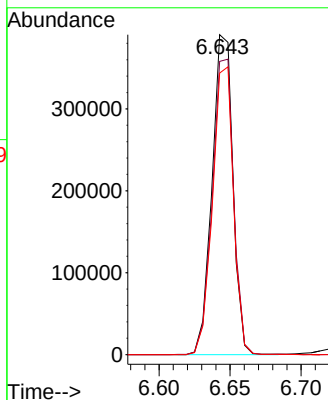
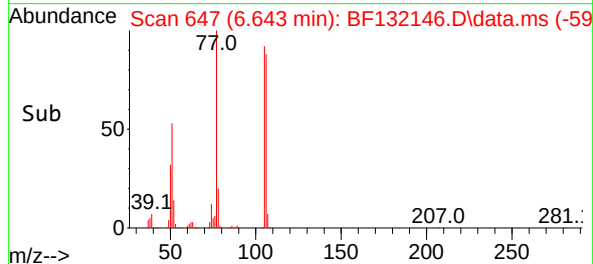
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion: 77 Resp: 399508
Ion Ratio Lower Upper
77 100
105 91.6 75.5 115.5
106 88.0 70.7 110.7

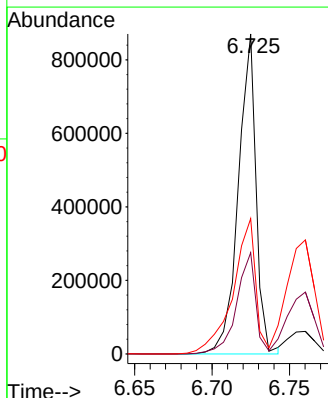
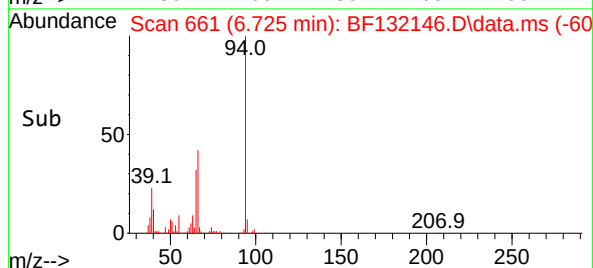
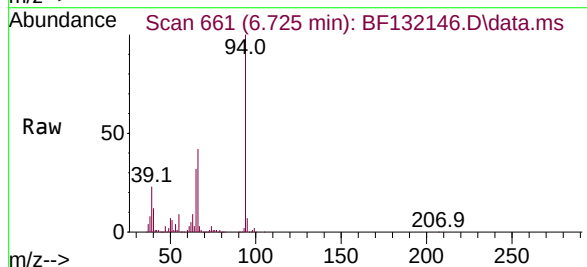
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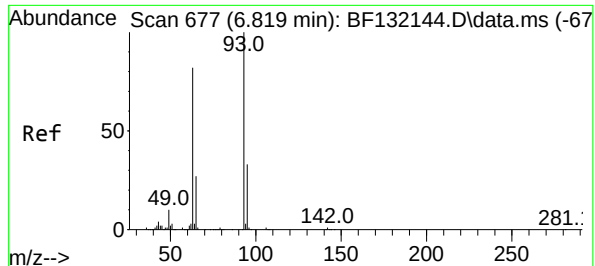
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#10
Phenol
Concen: 56.300 ng
RT: 6.725 min Scan# 661
Delta R.T. 0.012 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

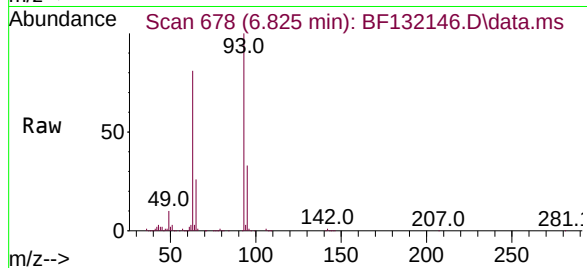
Tgt Ion: 94 Resp: 693090
Ion Ratio Lower Upper
94 100
65 31.6 12.0 52.0
66 42.3 22.7 62.7





#11
bis(2-Chloroethyl)ether
Concen: 57.578 ng
RT: 6.825 min Scan# 61
Delta R.T. 0.006 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

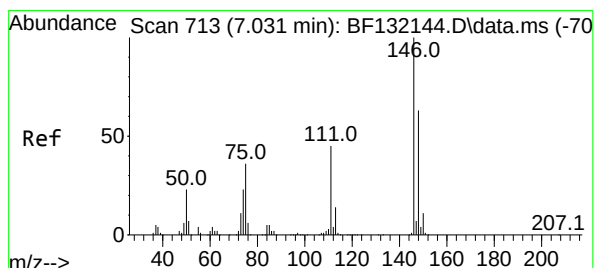
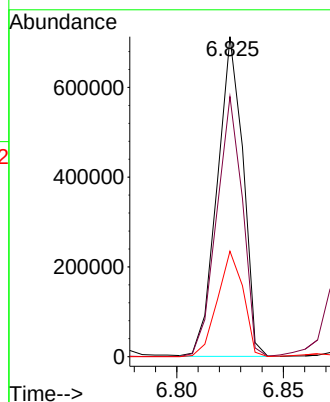
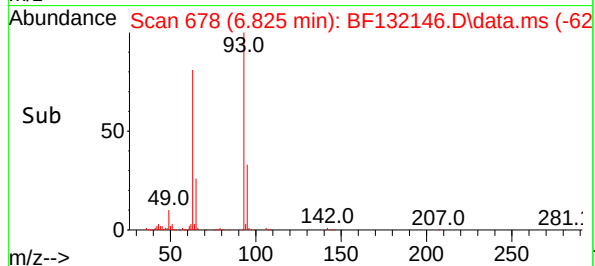
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



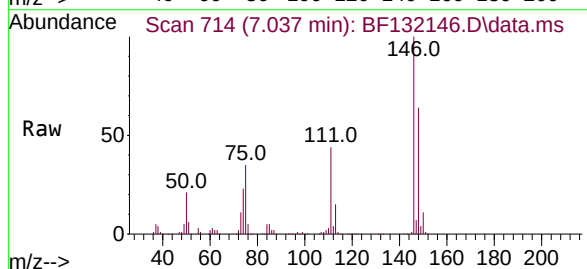
Tgt Ion: 93 Resp: 600050
Ion Ratio Lower Upper
93 100
63 81.3 61.6 101.6
95 32.9 12.7 52.7

Manual Integrations
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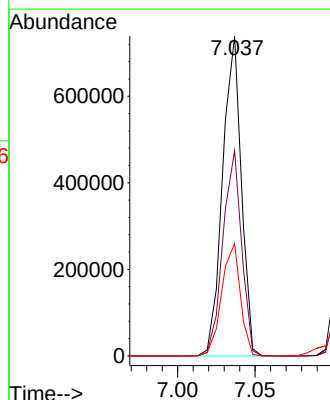
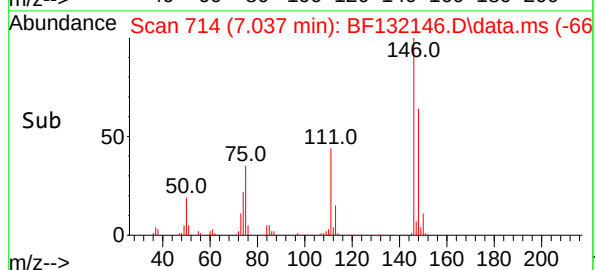
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

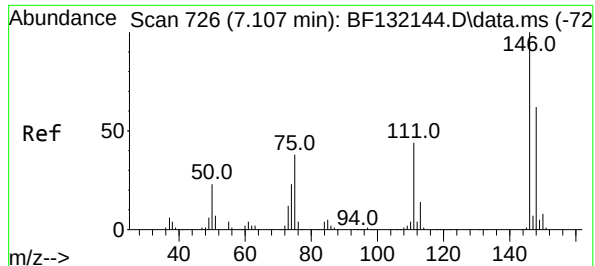


#12
1,3-Dichlorobenzene
Concen: 56.582 ng
RT: 7.037 min Scan# 714
Delta R.T. 0.006 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38



Tgt Ion:146 Resp: 624541
Ion Ratio Lower Upper
146 100
148 64.2 50.0 75.0
75 35.1 28.8 43.2





#13

1,4-Dichlorobenzene

Concen: 56.608 ng

RT: 7.113 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF132146.D

Acq: 19 Jan 2023 14:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:146 Resp: 623474

Ion Ratio Lower Upper

146 100

148 64.6 49.9 74.9

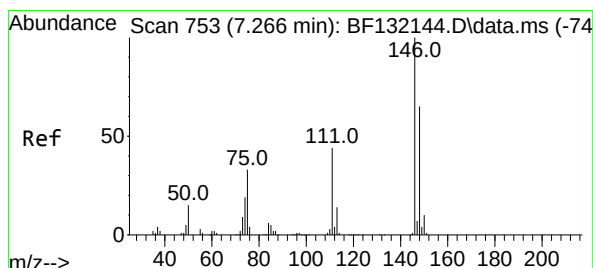
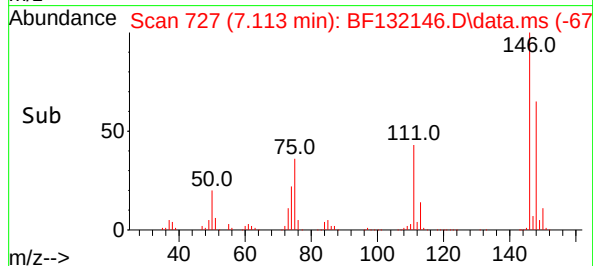
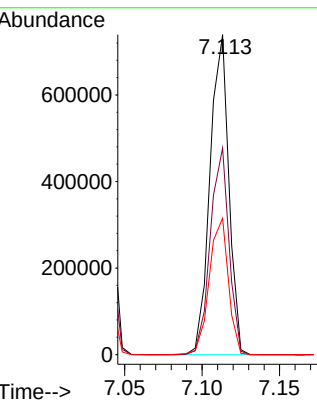
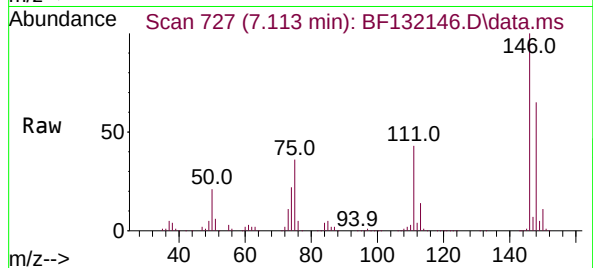
111 42.6 35.2 52.8

Manual Integrations

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#14

1,2-Dichlorobenzene

Concen: 54.840 ng

RT: 7.266 min Scan# 753

Delta R.T. 0.000 min

Lab File: BF132146.D

Acq: 19 Jan 2023 14:38

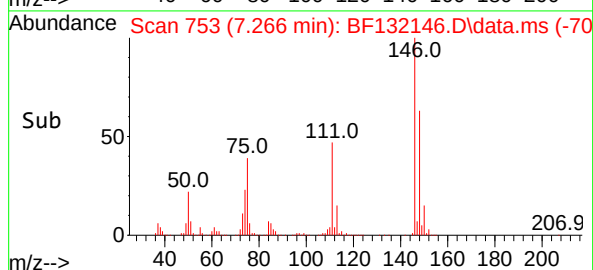
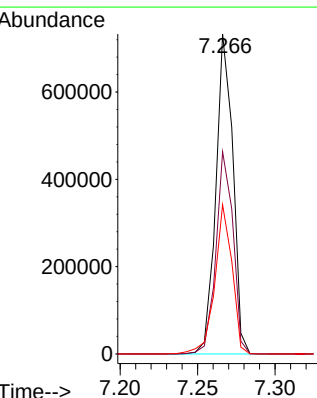
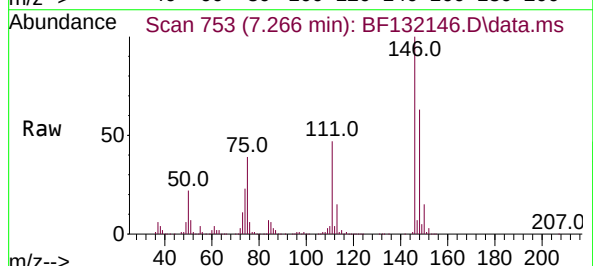
Tgt Ion:146 Resp: 558505

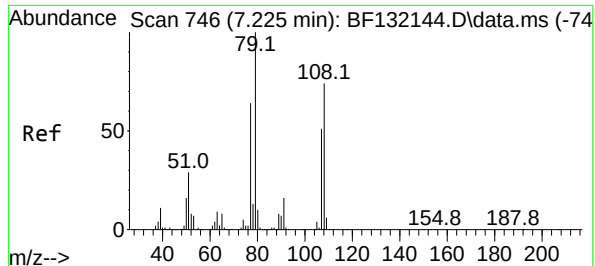
Ion Ratio Lower Upper

146 100

148 63.2 52.0 78.0

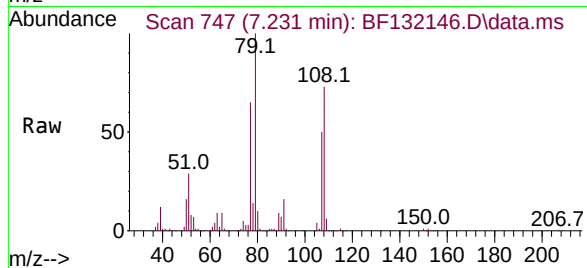
111 46.6 35.4 53.2





#15
Benzyl Alcohol
Concen: 59.323 ng m
RT: 7.231 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

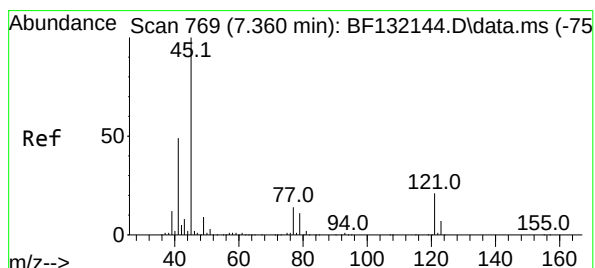
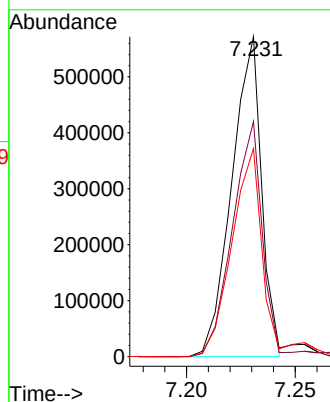
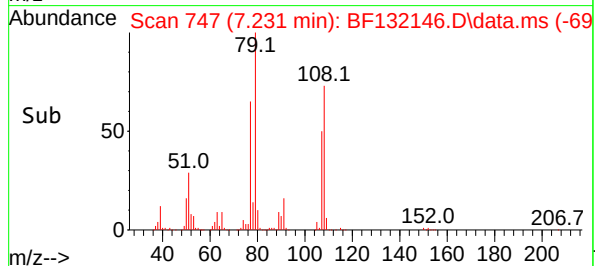
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion: 79 Resp: 543905
Ion Ratio Lower Upper
79 100
108 73.5 58.9 88.3
77 65.0 51.1 76.7

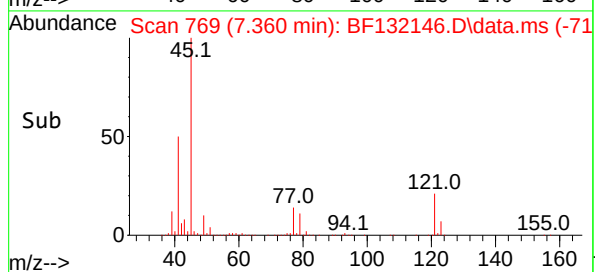
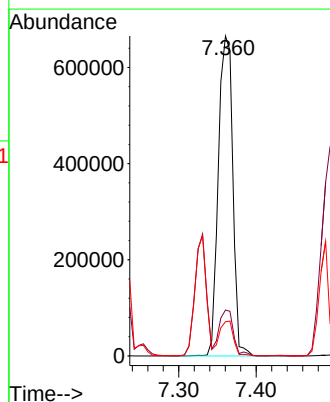
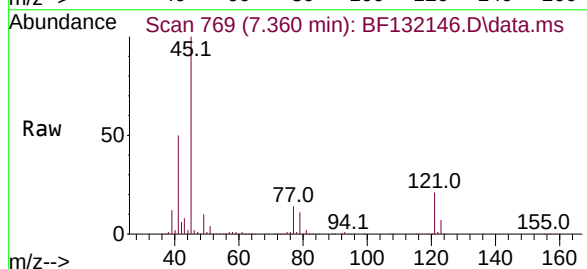
Manual Integrations
APPROVED

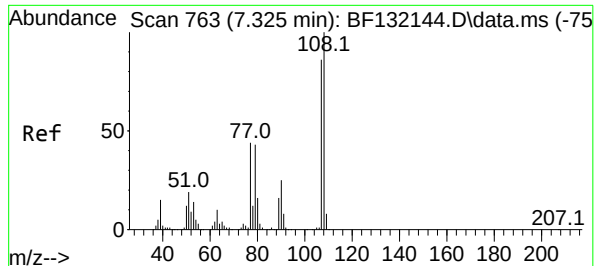
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 56.657 ng
RT: 7.360 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

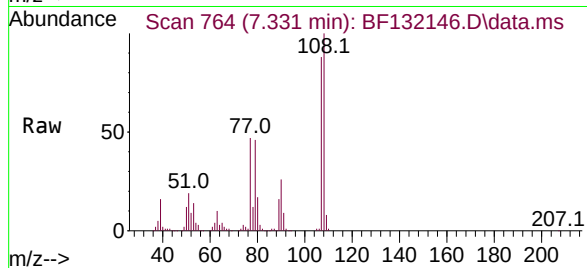
Tgt Ion: 45 Resp: 858154
Ion Ratio Lower Upper
45 100
77 14.4 0.0 34.3
79 10.7 0.0 30.9





#17
2-Methylphenol
Concen: 58.018 ng
RT: 7.331 min Scan# 764
Delta R.T. 0.006 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

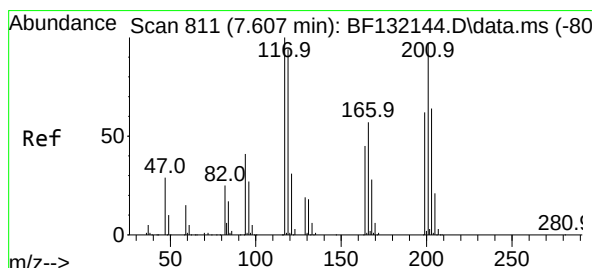
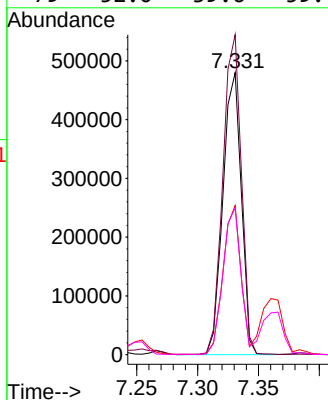
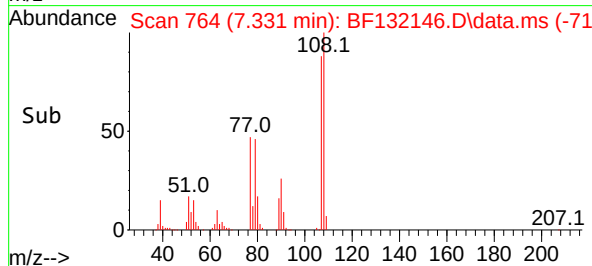
Instrument :
BNA_F
Client Sample Id :
SSTDICC060



Tgt Ion:107 Resp: 501889
Ion Ratio Lower Upper
107 100
108 113.4 92.8 139.2
77 52.9 41.1 61.7
79 52.0 39.6 59.4

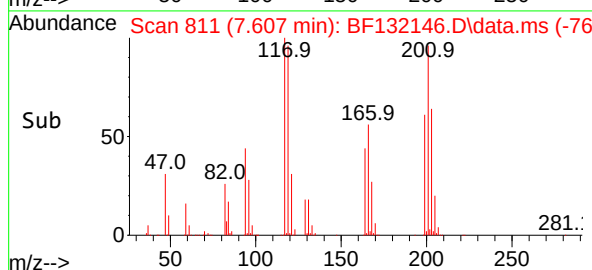
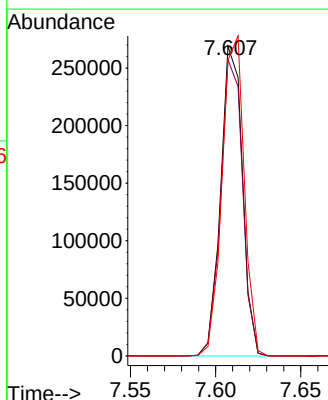
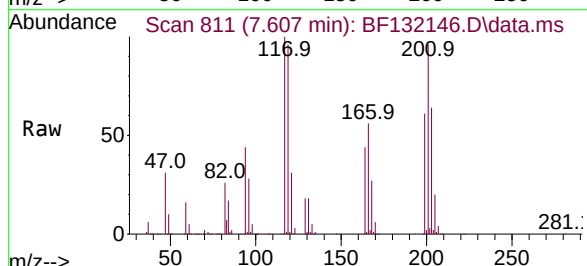
Manual Integrations
APPROVED

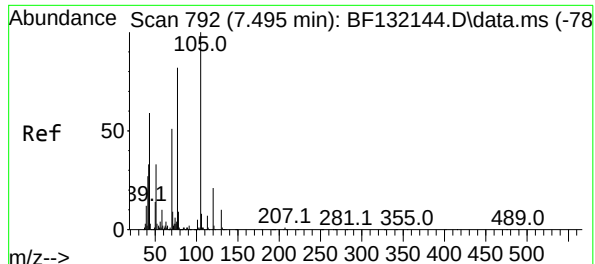
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#18
Hexachloroethane
Concen: 60.417 ng
RT: 7.607 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

Tgt Ion:117 Resp: 238869
Ion Ratio Lower Upper
117 100
119 95.7 75.4 113.0
201 95.6 77.9 116.9





#19

n-Nitroso-di-n-propylamine

Concen: 55.324 ng

RT: 7.507 min Scan# 794

Delta R.T. 0.012 min

Lab File: BF132146.D

Acq: 19 Jan 2023 14:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 400734

Ion Ratio Lower Upper

70 100

42 60.3 51.0 76.4

101 9.7 7.3 10.9

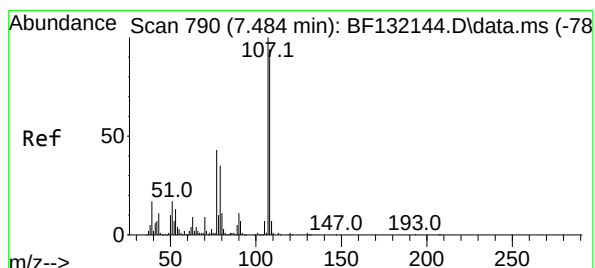
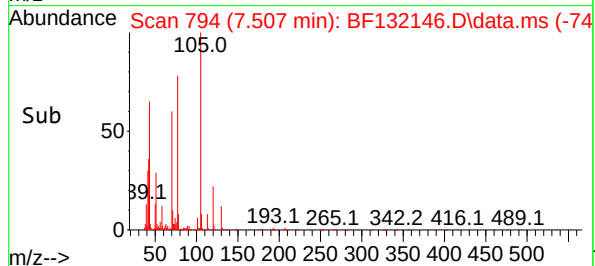
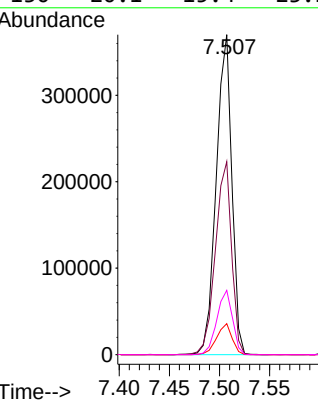
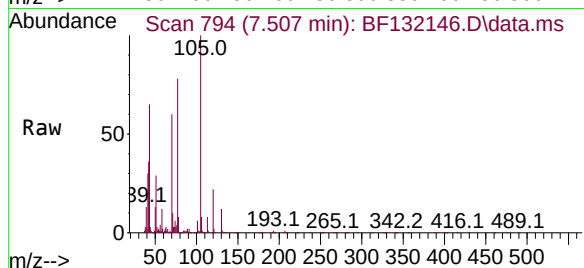
130 20.1 15.4 23.2

Manual Integrations

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#20

3+4-Methylphenols

Concen: 56.813 ng

RT: 7.490 min Scan# 791

Delta R.T. 0.006 min

Lab File: BF132146.D

Acq: 19 Jan 2023 14:38

Tgt Ion:107 Resp: 619283

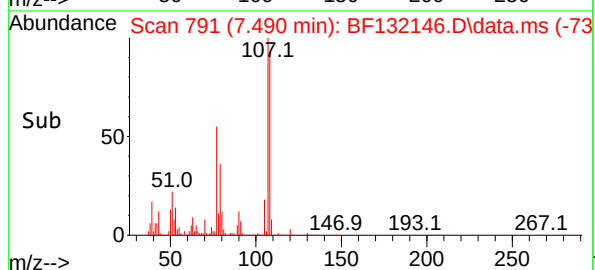
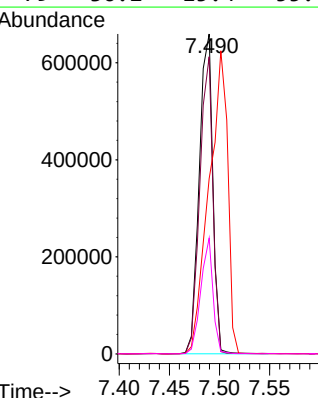
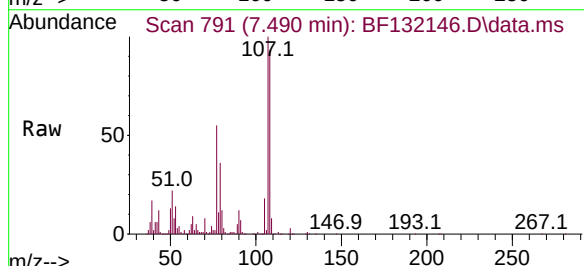
Ion Ratio Lower Upper

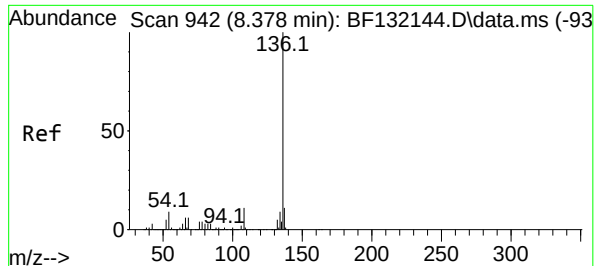
107 100

108 92.9 73.8 113.8

77 54.8 22.8 62.8

79 36.2 15.4 55.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.384 min Scan# 942

Delta R.T. 0.006 min

Lab File: BF132146.D

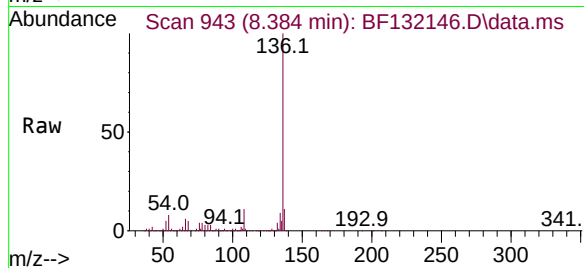
Acq: 19 Jan 2023 14:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:136 Resp: 543258

Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.4 7.0 10.6

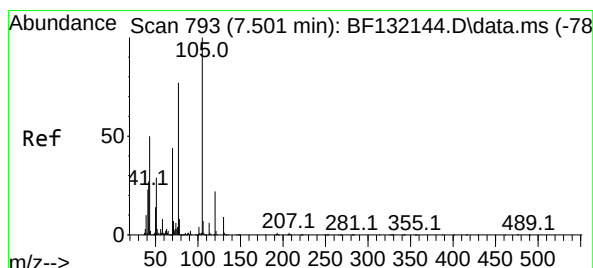
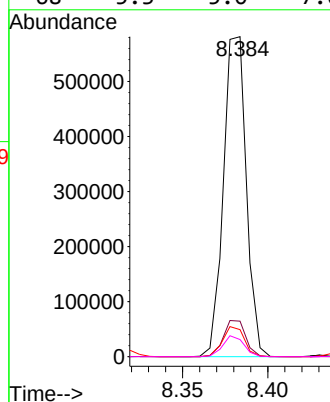
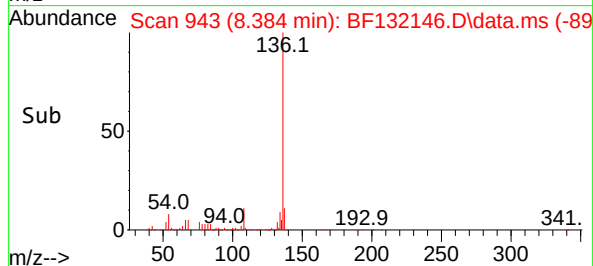
68 5.3 5.0 7.6

Manual Integrations

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#22

Acetophenone

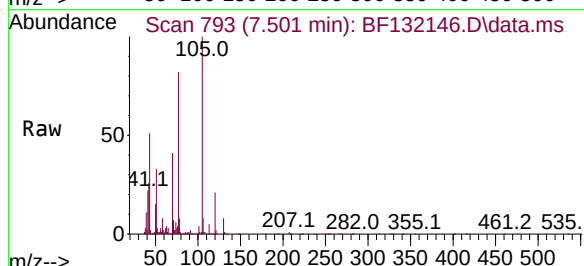
Concen: 55.124 ng

RT: 7.501 min Scan# 793

Delta R.T. 0.000 min

Lab File: BF132146.D

Acq: 19 Jan 2023 14:38



Tgt Ion:105 Resp: 719773

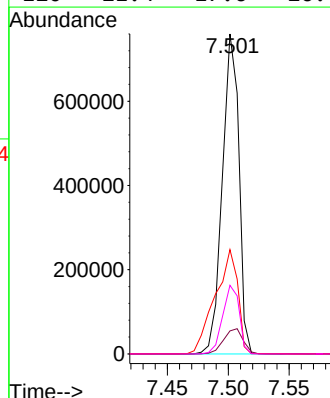
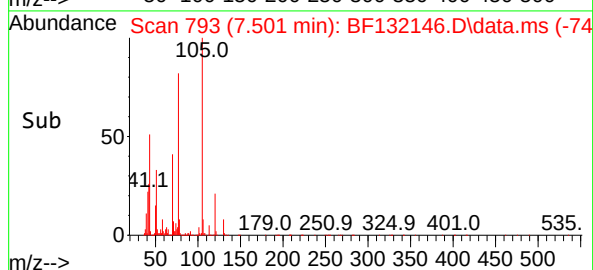
Ion Ratio Lower Upper

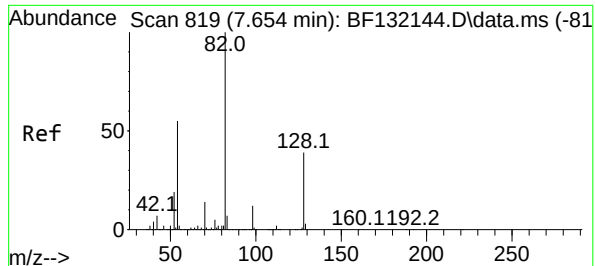
105 100

71 7.2 5.8 8.6

51 32.6 23.0 34.6

120 21.4 17.6 26.4





#23

Nitrobenzene-d5

Concen: 123.599 ng

RT: 7.660 min Scan# 819

Delta R.T. 0.006 min

Lab File: BF132146.D

Acq: 19 Jan 2023 14:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 126397

Ion Ratio Lower Upper

82 100

128 39.7 31.1 46.7

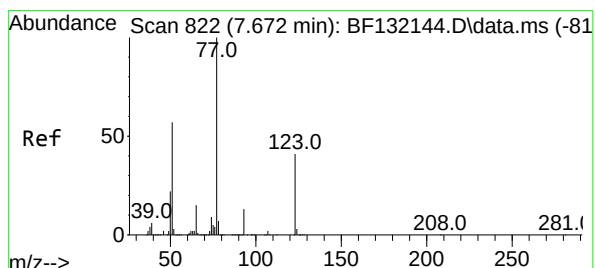
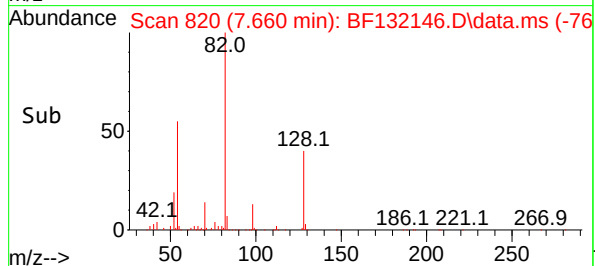
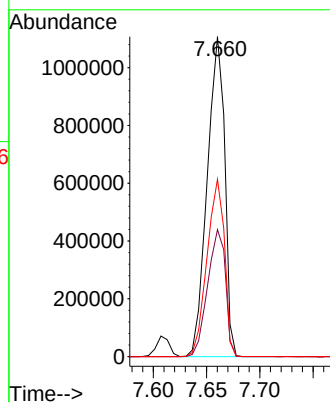
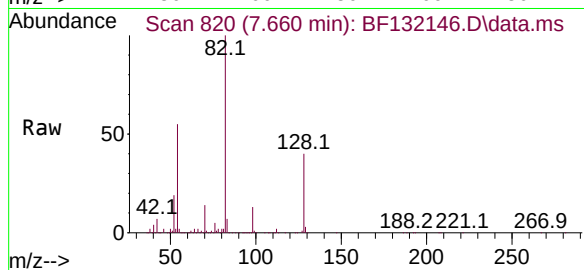
54 55.4 43.9 65.9

Manual Integrations

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#24

Nitrobenzene

Concen: 61.107 ng

RT: 7.678 min Scan# 823

Delta R.T. 0.006 min

Lab File: BF132146.D

Acq: 19 Jan 2023 14:38

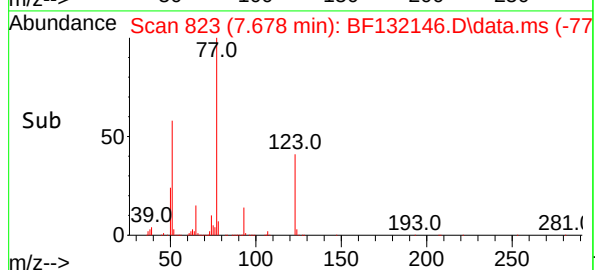
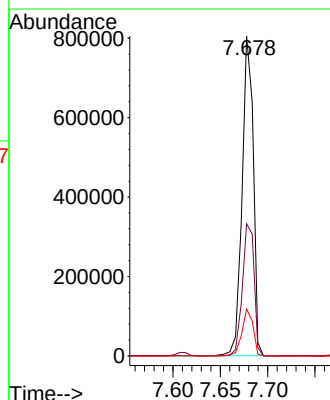
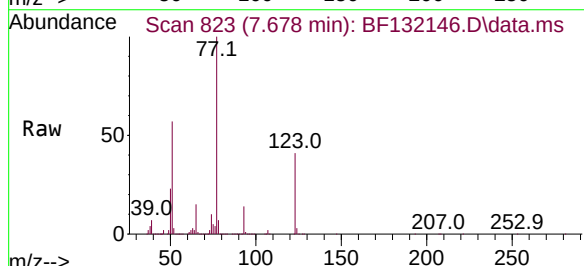
Tgt Ion: 77 Resp: 661651

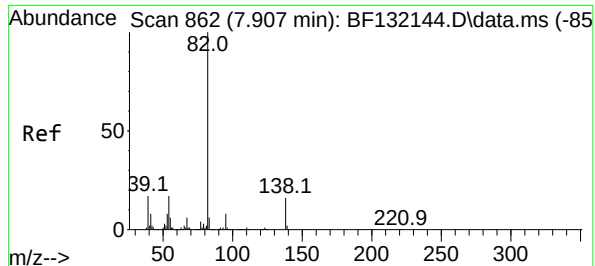
Ion Ratio Lower Upper

77 100

123 41.3 33.1 49.7

65 14.6 11.7 17.5





#25

Isophorone

Concen: 60.189 ng

RT: 7.913 min Scan# 80

Delta R.T. 0.006 min

Lab File: BF132146.D

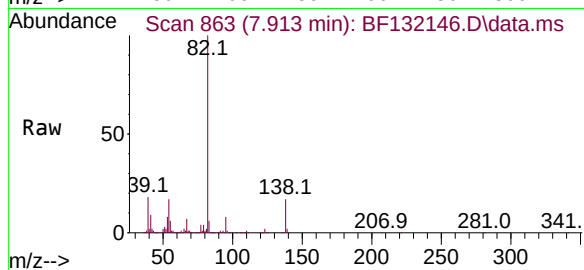
Acq: 19 Jan 2023 14:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion: 82 Resp: 1204344

Ion Ratio Lower Upper

82 100

95 8.0 6.2 9.2

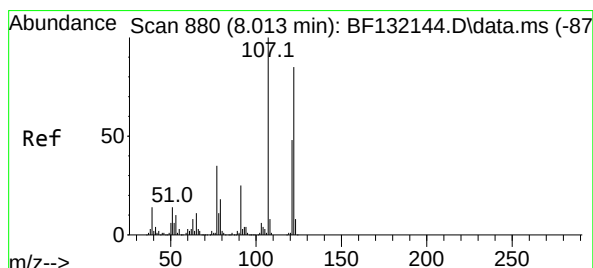
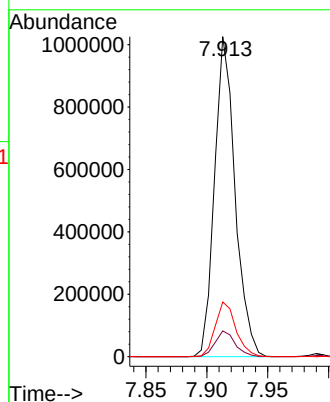
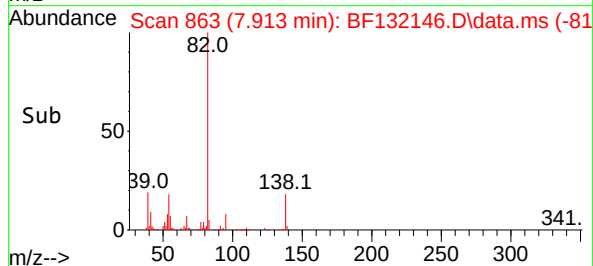
138 17.1 12.9 19.3

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#27

2,4-Dimethylphenol

Concen: 58.866 ng

RT: 8.019 min Scan# 881

Delta R.T. 0.006 min

Lab File: BF132146.D

Acq: 19 Jan 2023 14:38

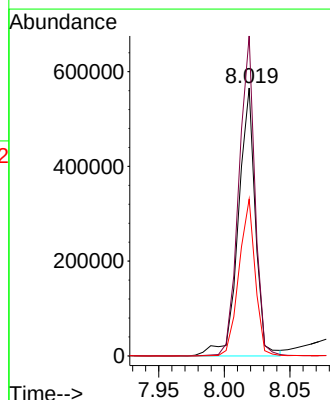
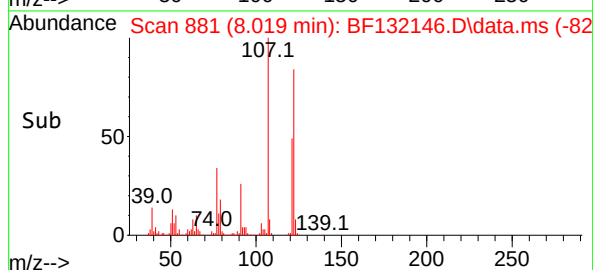
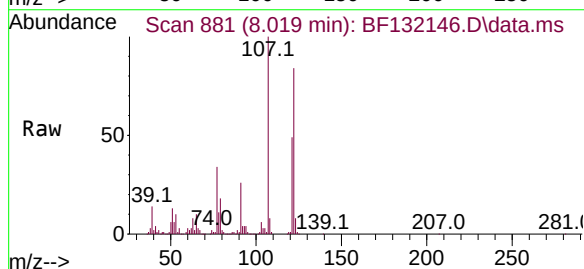
Tgt Ion:122 Resp: 509668

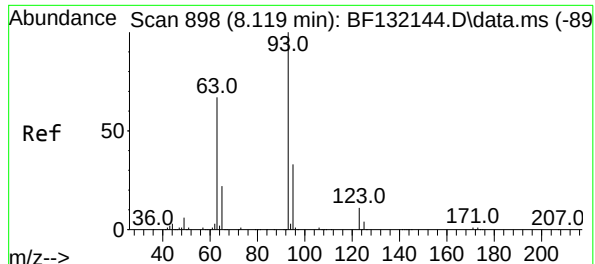
Ion Ratio Lower Upper

122 100

107 119.4 94.2 141.4

121 58.5 45.6 68.4





#28

bis(2-Chloroethoxy)methane

Concen: 57.094 ng

RT: 8.119 min Scan# 89

Delta R.T. -0.000 min

Lab File: BF132146.D

Acq: 19 Jan 2023 14:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 93 Resp: 685428

Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.2

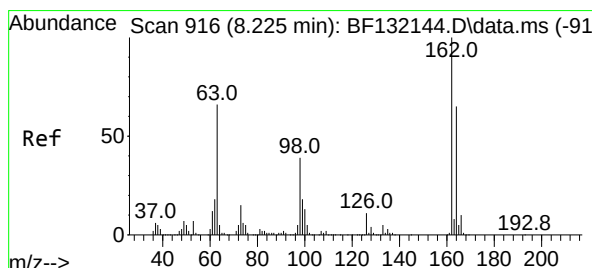
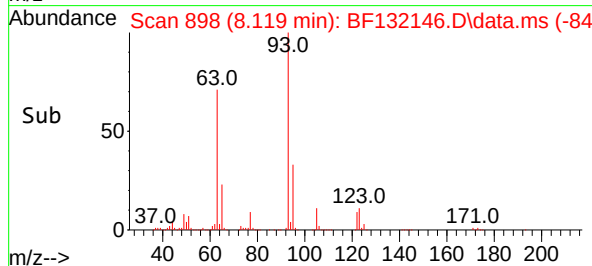
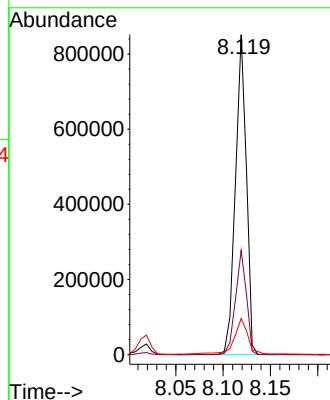
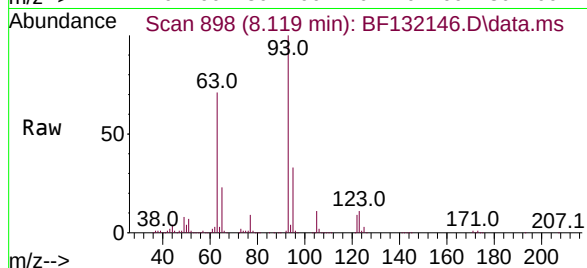
123 11.3 9.1 13.7

Manual Integrations

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#29

2,4-Dichlorophenol

Concen: 60.545 ng

RT: 8.231 min Scan# 917

Delta R.T. 0.006 min

Lab File: BF132146.D

Acq: 19 Jan 2023 14:38

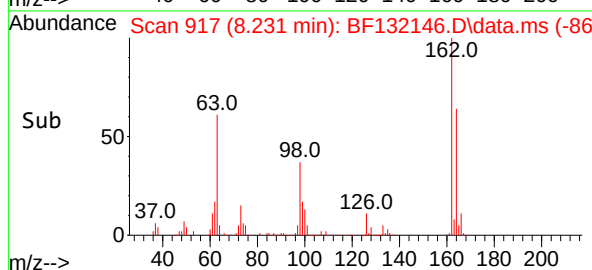
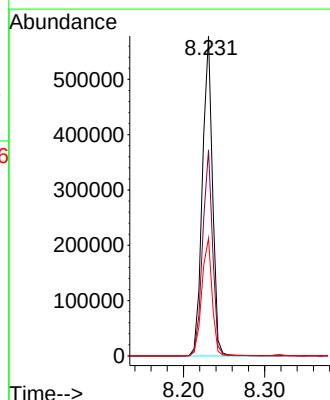
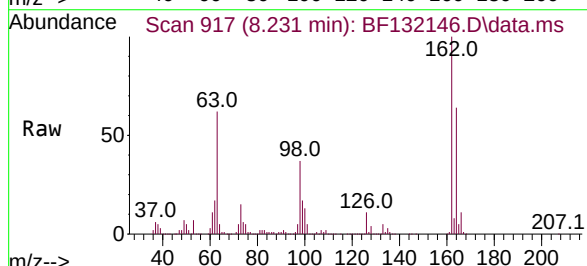
Tgt Ion:162 Resp: 497669

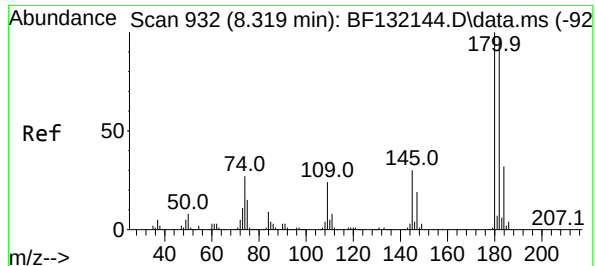
Ion Ratio Lower Upper

162 100

164 64.4 44.7 84.7

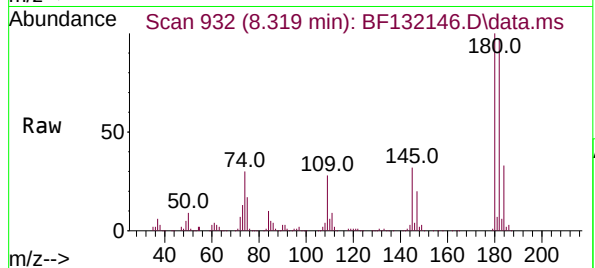
98 36.8 18.8 58.8





#30
1,2,4-Trichlorobenzene
Concen: 57.190 ng
RT: 8.319 min Scan# 932
Delta R.T. 0.000 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

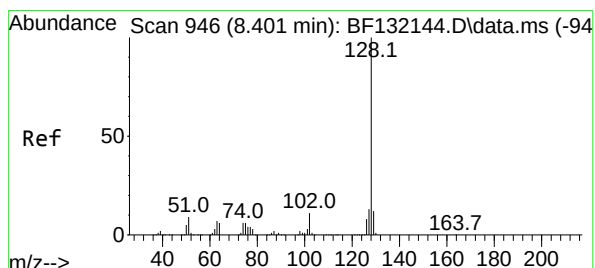
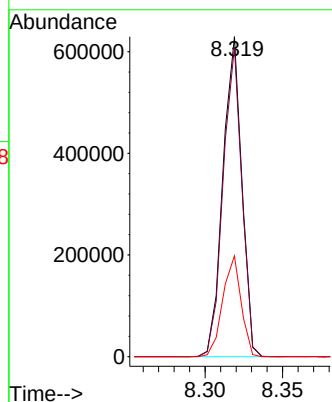
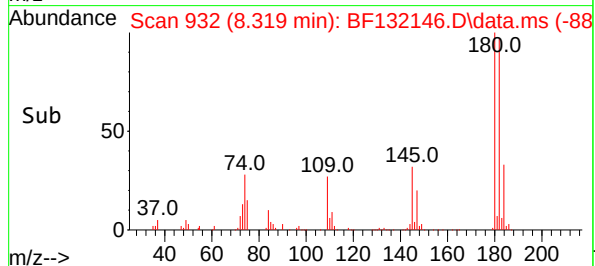
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:180 Resp: 533946
Ion Ratio Lower Upper
180 100
182 96.8 77.4 116.0
145 31.5 23.8 35.6

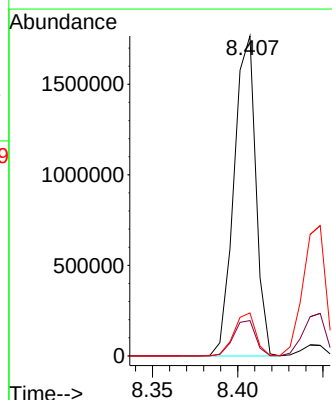
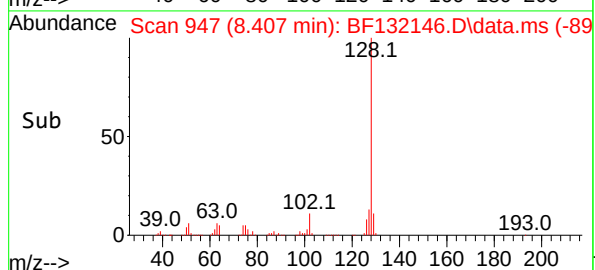
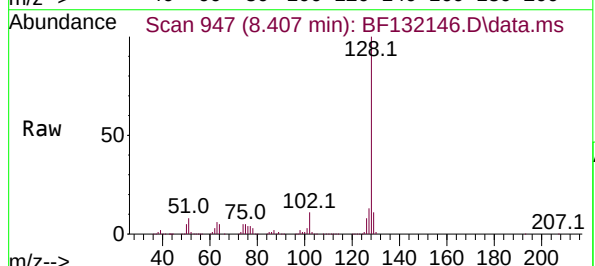
Manual Integrations
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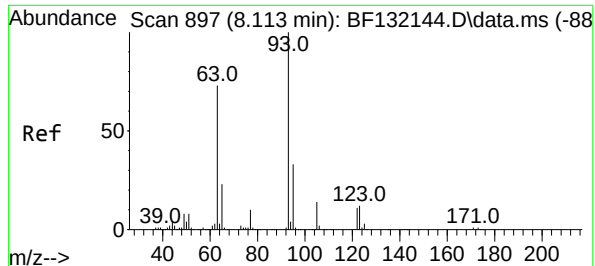
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#31
Naphthalene
Concen: 56.391 ng
RT: 8.407 min Scan# 947
Delta R.T. 0.006 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

Tgt Ion:128 Resp: 1573333
Ion Ratio Lower Upper
128 100
129 11.0 9.3 13.9
127 13.4 10.6 15.8





#32

Benzoic acid

Concen: 73.214 ng

RT: 8.131 min Scan# 90

Delta R.T. 0.018 min

Lab File: BF132146.D

Acq: 19 Jan 2023 14:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:122 Resp: 372112

Ion Ratio Lower Upper

122 100

105 126.0 96.8 136.8

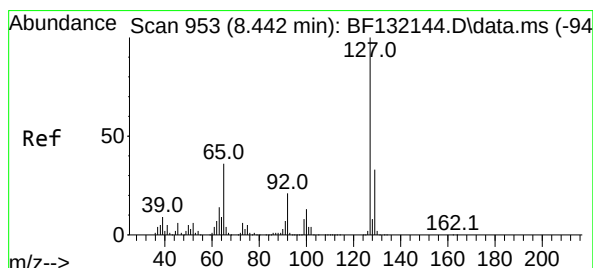
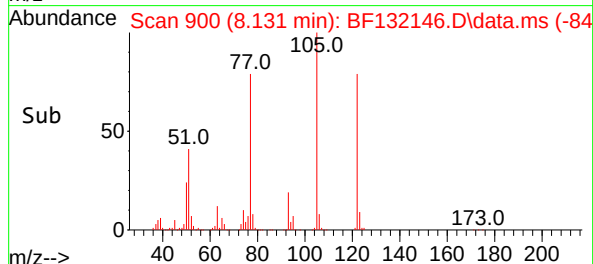
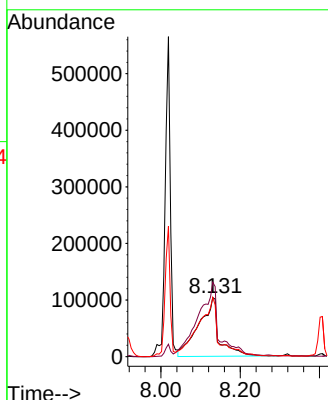
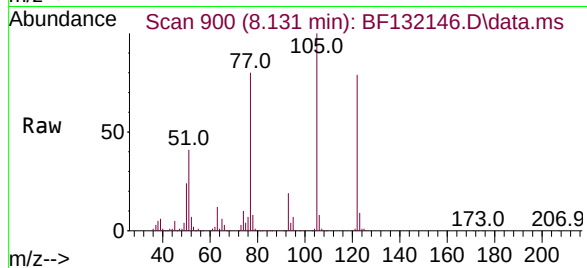
77 100.2 72.5 112.5

Manual Integrations

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#33

4-Chloroaniline

Concen: 55.981 ng

RT: 8.448 min Scan# 954

Delta R.T. 0.006 min

Lab File: BF132146.D

Acq: 19 Jan 2023 14:38

Tgt Ion:127 Resp: 668392

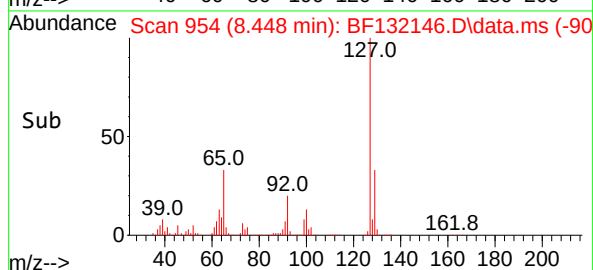
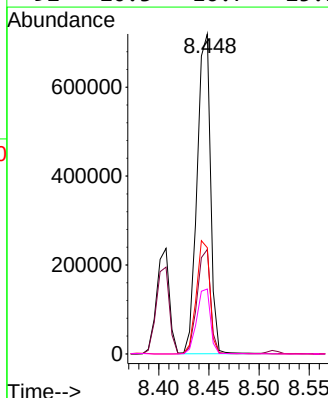
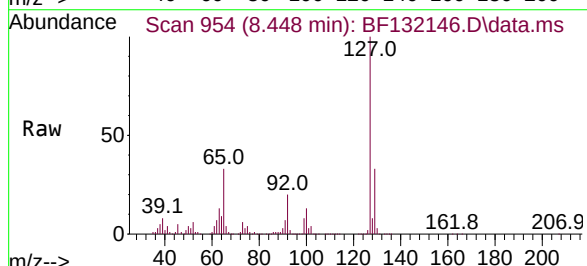
Ion Ratio Lower Upper

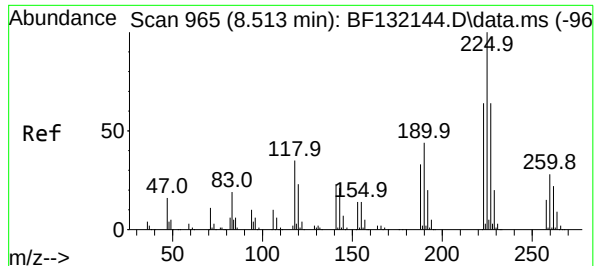
127 100

129 32.6 26.0 39.0

65 33.2 28.4 42.6

92 20.3 16.7 25.1





#34

Hexachlorobutadiene

Concen: 59.639 ng

RT: 8.513 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF132146.D

Acq: 19 Jan 2023 14:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:225 Resp: 37404

Ion Ratio Lower Upper

225 100

223 63.3 50.9 76.3

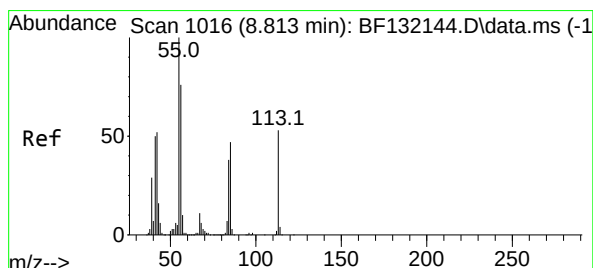
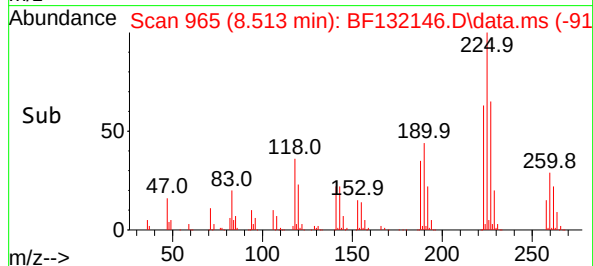
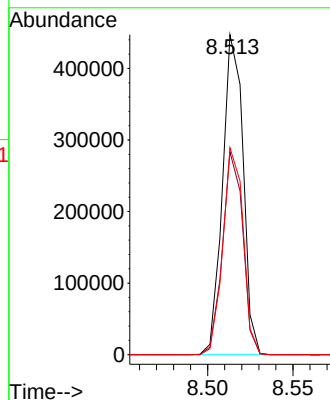
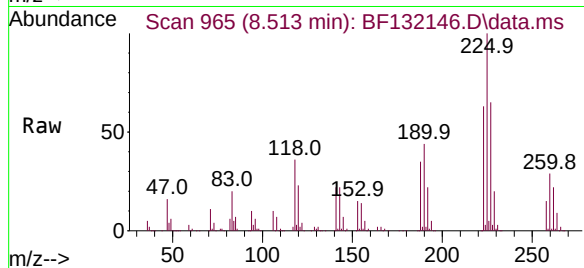
227 64.6 50.8 76.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#35

Caprolactam

Concen: 63.124 ng

RT: 8.831 min Scan# 1019

Delta R.T. 0.018 min

Lab File: BF132146.D

Acq: 19 Jan 2023 14:38

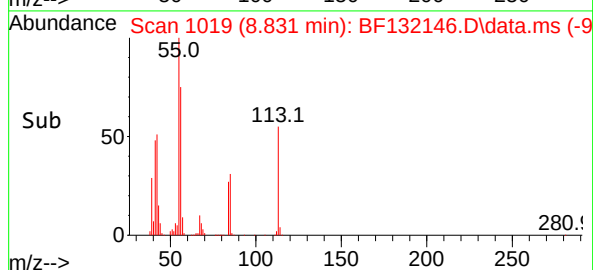
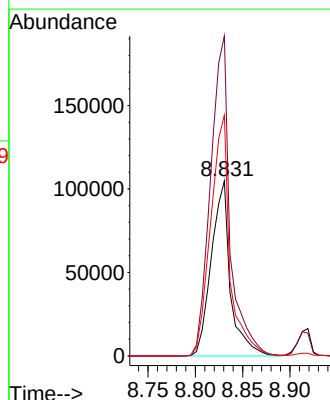
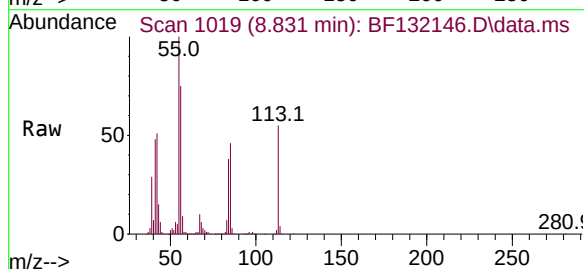
Tgt Ion:113 Resp: 146867

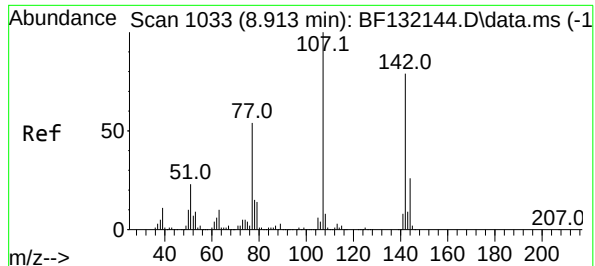
Ion Ratio Lower Upper

113 100

55 182.8 167.5 207.5

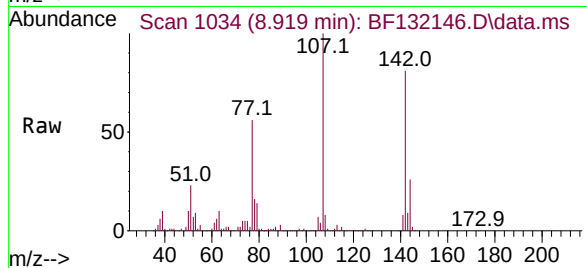
56 137.6 122.0 162.0





#36
4-Chloro-3-methylphenol
Concen: 59.496 ng
RT: 8.919 min Scan# 1033
Delta R.T. 0.006 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

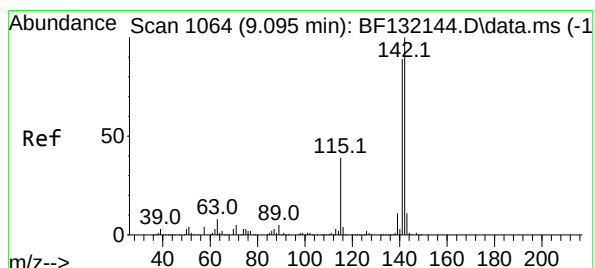
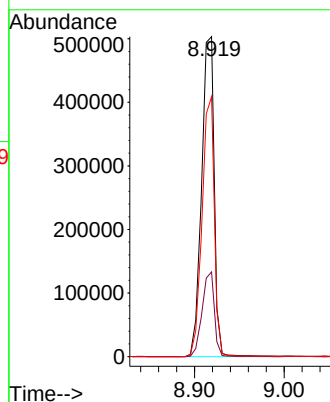
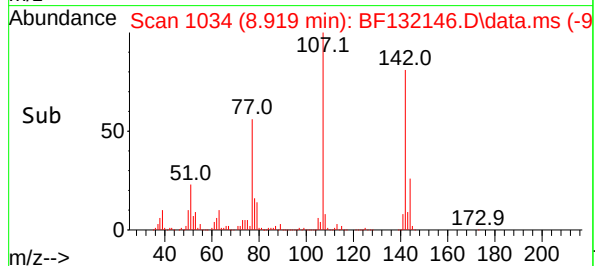
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:107 Resp: 492144
Ion Ratio Lower Upper
107 100
144 26.5 21.0 31.4
142 81.2 63.6 95.4

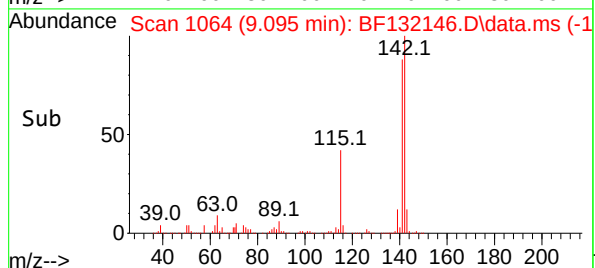
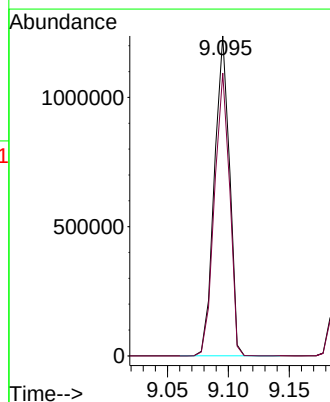
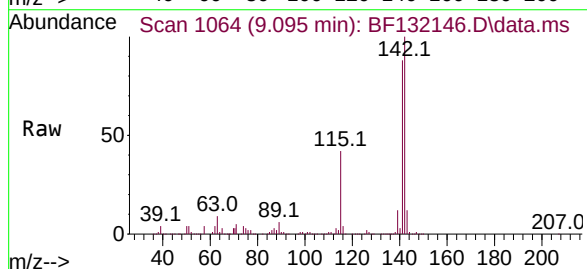
Manual Integrations
APPROVED

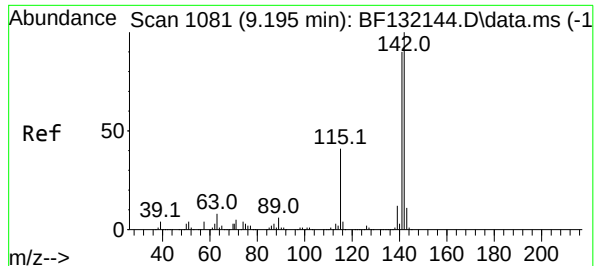
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#37
2-Methylnaphthalene
Concen: 55.550 ng
RT: 9.095 min Scan# 1064
Delta R.T. 0.000 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

Tgt Ion:142 Resp: 1067083
Ion Ratio Lower Upper
142 100
141 88.4 71.1 106.7





#38

1-Methylnaphthalene

Concen: 55.513 ng

RT: 9.195 min Scan# 1081

Delta R.T. 0.000 min

Lab File: BF132146.D

Acq: 19 Jan 2023 14:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:142 Resp: 992206

Ion Ratio Lower Upper

142 100

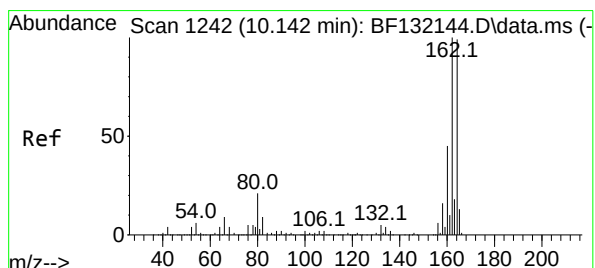
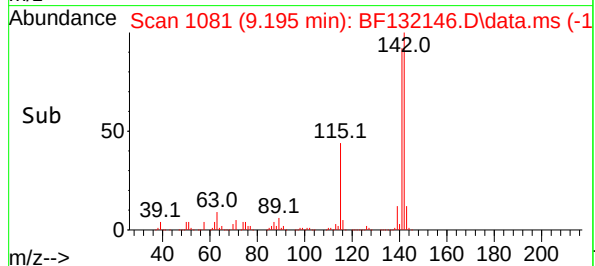
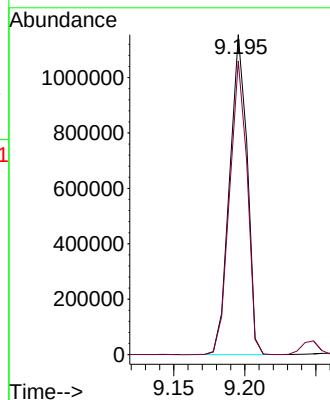
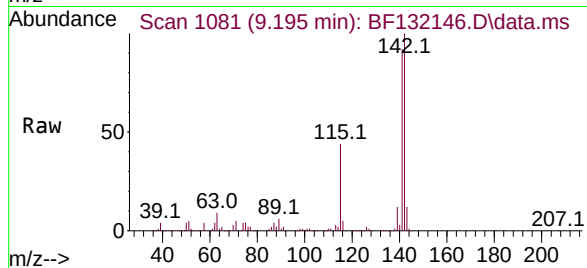
141 91.8 72.1 108.1

Manual Integrations

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.148 min Scan# 1243

Delta R.T. 0.006 min

Lab File: BF132146.D

Acq: 19 Jan 2023 14:38

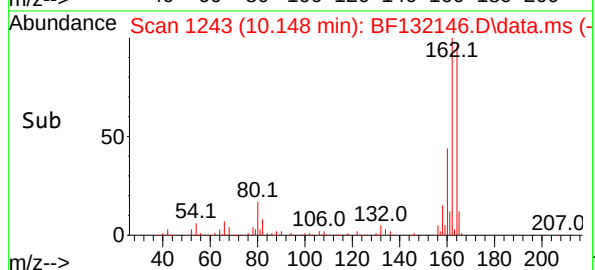
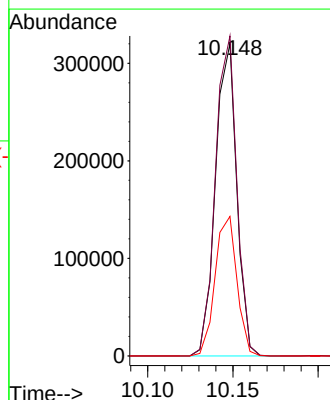
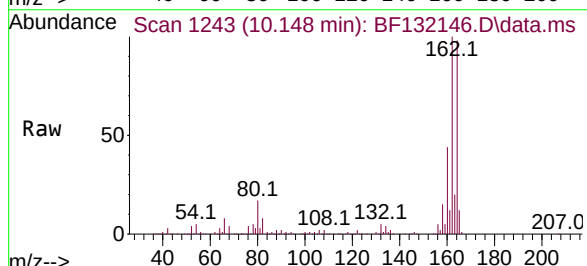
Tgt Ion:164 Resp: 277026

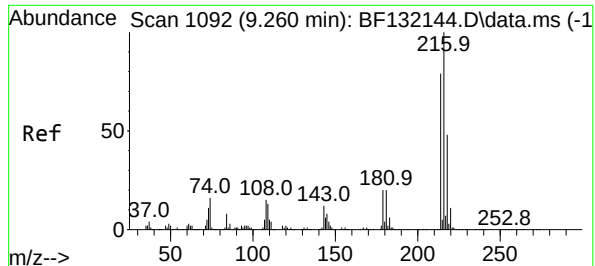
Ion Ratio Lower Upper

164 100

162 102.5 81.2 121.8

160 44.7 36.9 55.3





#40

1,2,4,5-Tetrachlorobenzene

Concen: 57.542 ng

RT: 9.260 min Scan# 1092

Delta R.T. 0.000 min

Lab File: BF132146.D

Acq: 19 Jan 2023 14:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:216 Resp: 554629

Ion Ratio Lower Upper

216 100

214 79.2 63.1 94.7

179 20.8 16.6 24.8

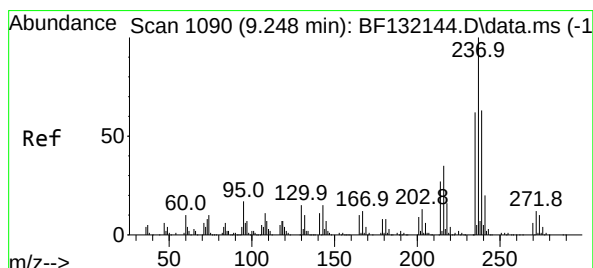
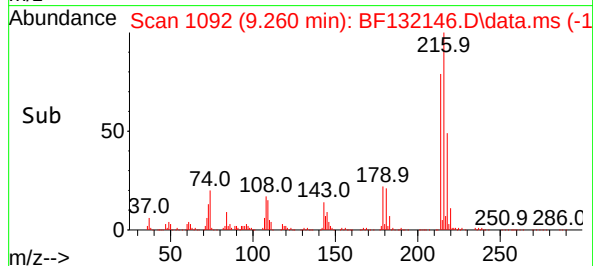
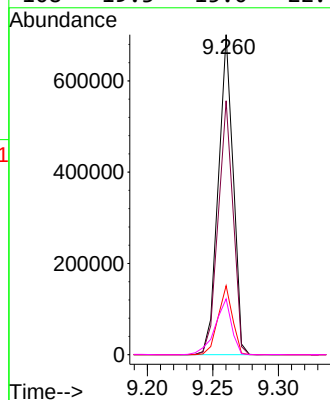
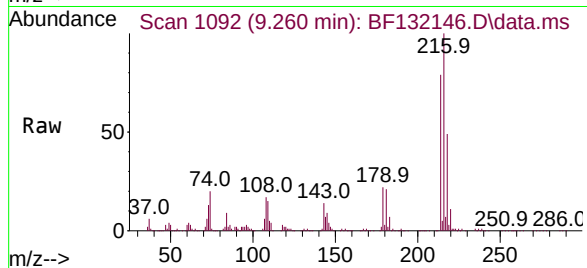
108 19.3 15.0 22.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#41

Hexachlorocyclopentadiene

Concen: 66.706 ng

RT: 9.248 min Scan# 1090

Delta R.T. 0.000 min

Lab File: BF132146.D

Acq: 19 Jan 2023 14:38

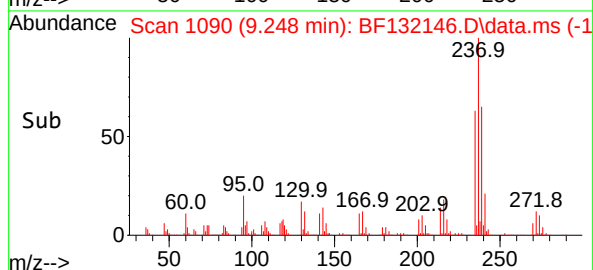
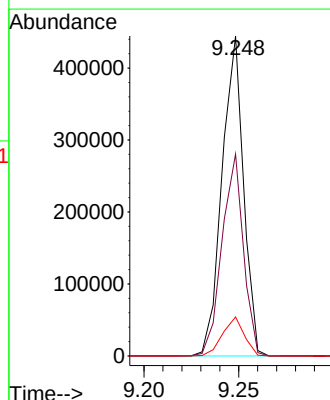
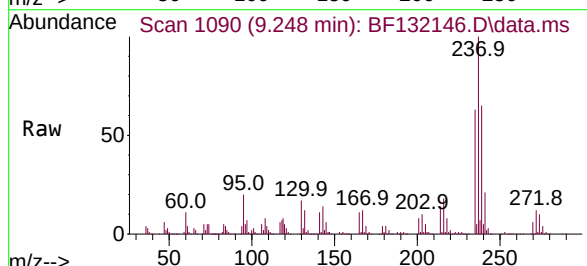
Tgt Ion:237 Resp: 350854

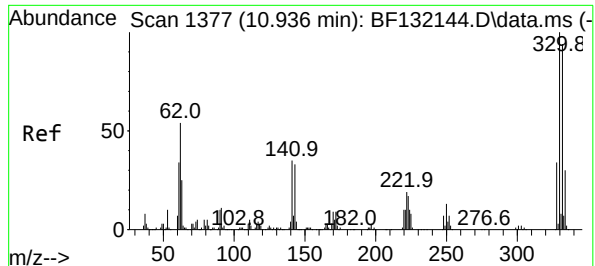
Ion Ratio Lower Upper

237 100

235 63.1 41.7 81.7

272 12.2 0.0 32.3





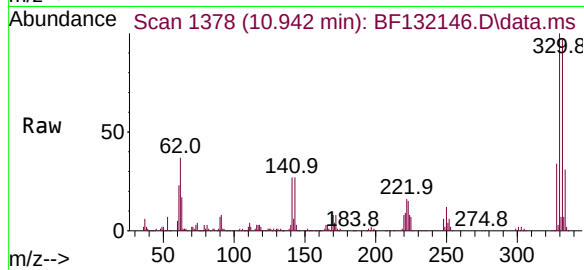
#42
2,4,6-Tribromophenol
Concen: 123.189 ng
RT: 10.942 min Scan# 1377
Delta R.T. 0.006 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

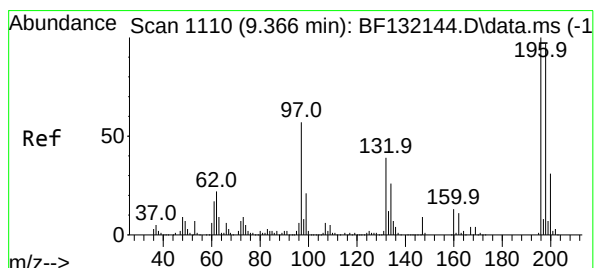
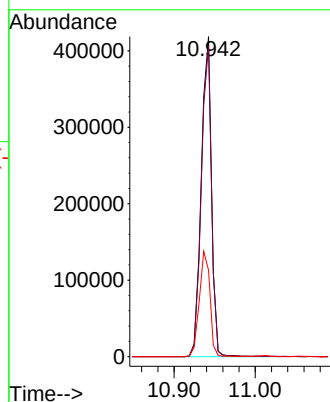
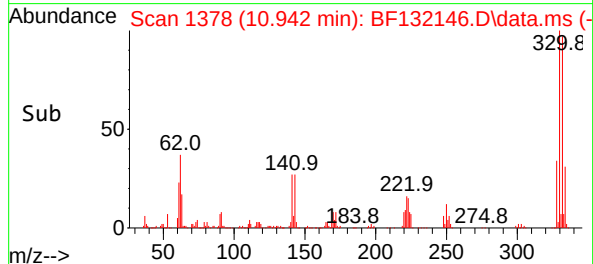


Tgt Ion:330 Resp: 364523
Ion Ratio Lower Upper
330 100
332 96.8 75.6 113.4
141 33.9 27.1 40.7

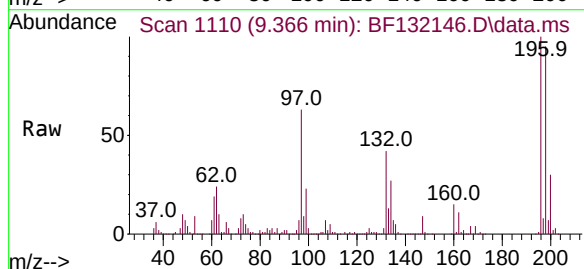
Manual Integrations

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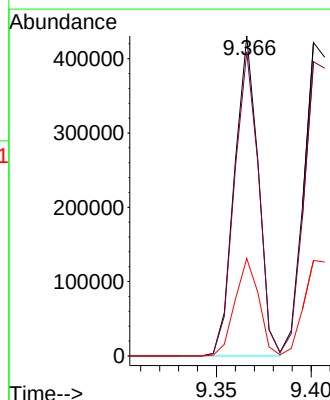
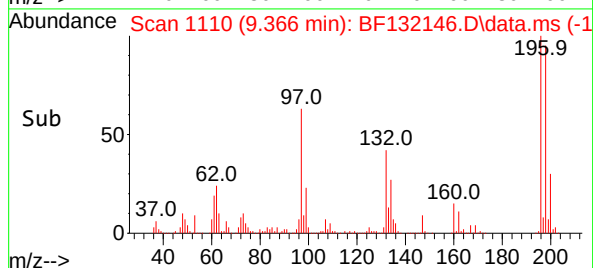
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

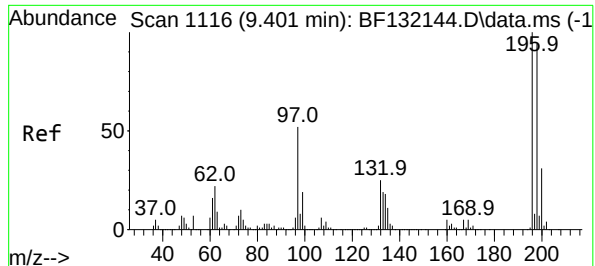


#43
2,4,6-Trichlorophenol
Concen: 62.627 ng
RT: 9.366 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38



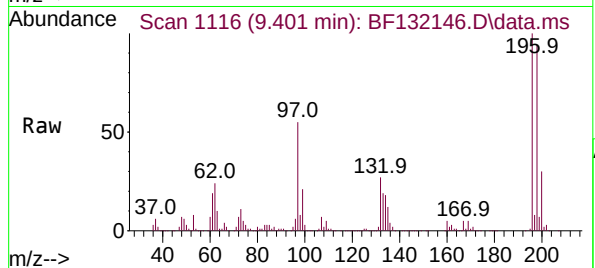
Tgt Ion:196 Resp: 374625
Ion Ratio Lower Upper
196 100
198 95.0 77.4 116.2
200 30.4 24.9 37.3





#44
2,4,5-Trichlorophenol
Concen: 62.235 ng
RT: 9.401 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

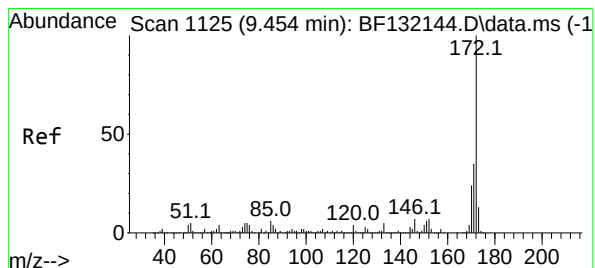
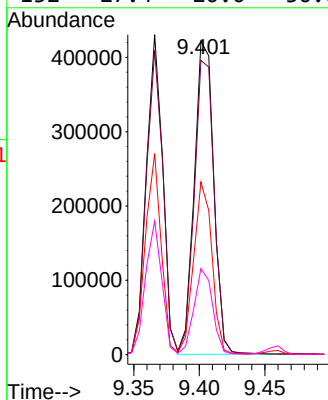
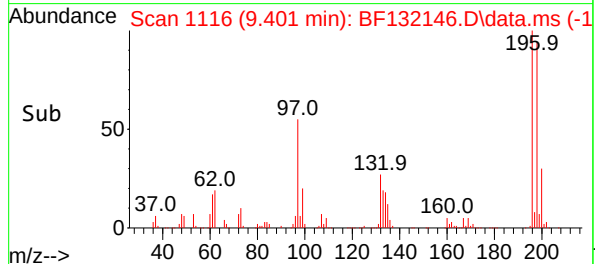
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:196 Resp: 435398
Ion Ratio Lower Upper
196 100
198 93.9 75.3 112.9
97 55.1 41.3 61.9
132 27.4 20.0 30.0

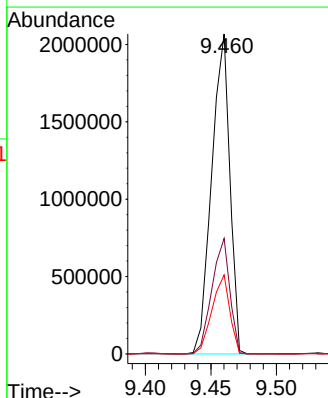
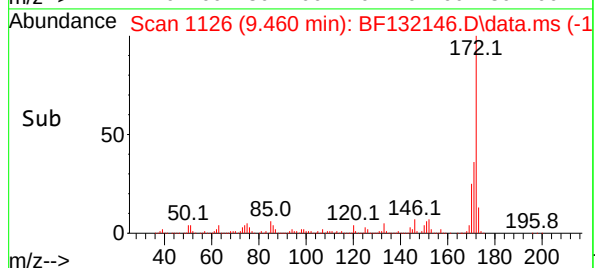
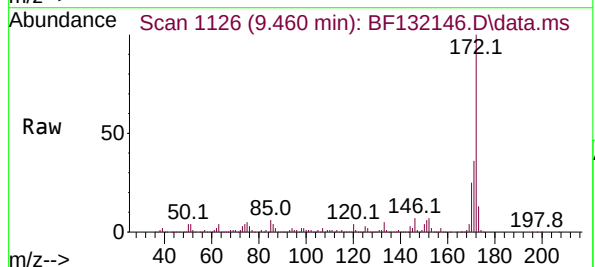
Manual Integrations
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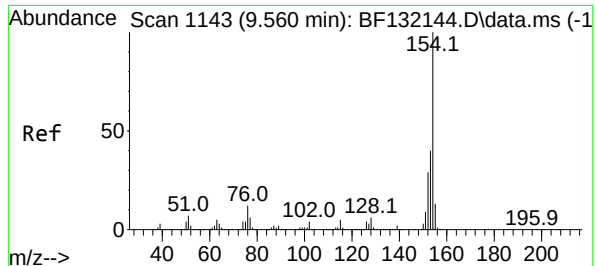
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#45
2-Fluorobiphenyl
Concen: 112.362 ng
RT: 9.460 min Scan# 1126
Delta R.T. 0.006 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

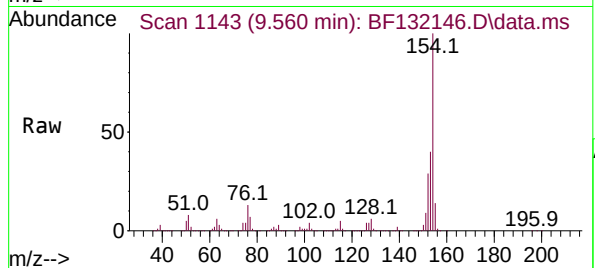
Tgt Ion:172 Resp: 1988942
Ion Ratio Lower Upper
172 100
171 36.1 28.2 42.2
170 24.7 19.6 29.4





#46
1,1'-Biphenyl
Concen: 56.650 ng
RT: 9.560 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

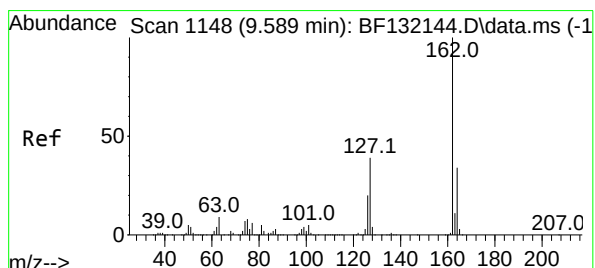
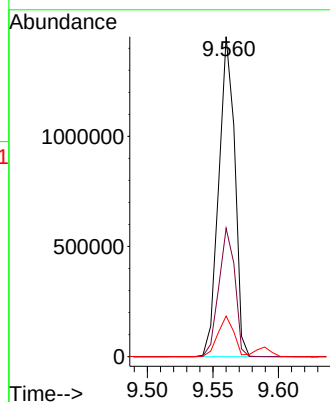
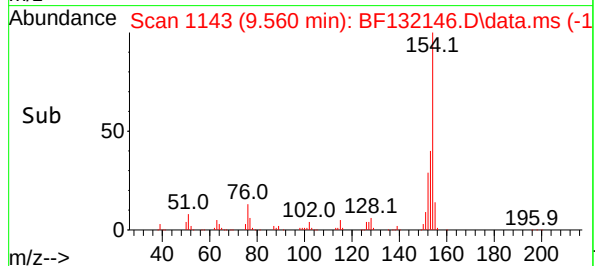
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:154 Resp: 1238119
Ion Ratio Lower Upper
154 100
153 40.1 20.2 60.2
76 12.7 0.0 32.2

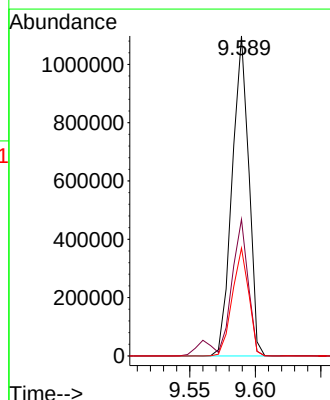
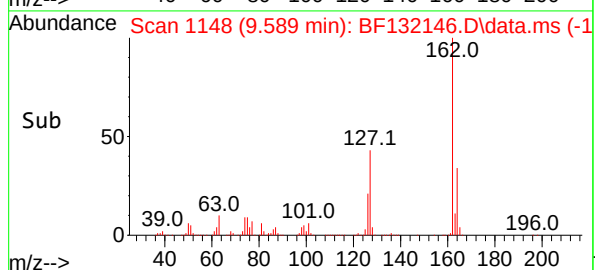
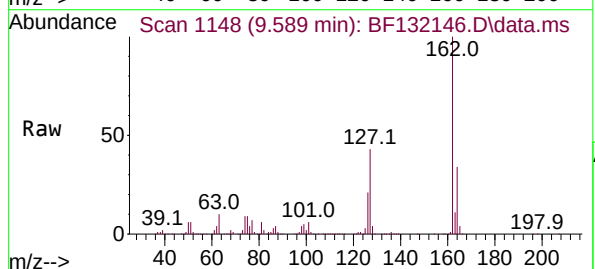
Manual Integrations
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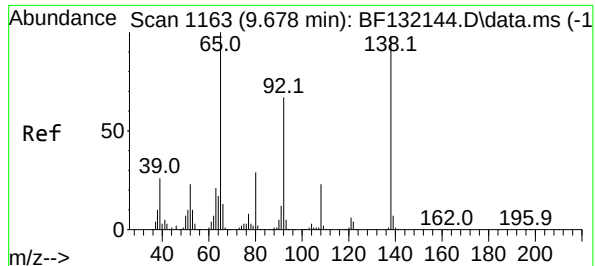
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#47
2-Chloronaphthalene
Concen: 57.413 ng
RT: 9.589 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

Tgt Ion:162 Resp: 969983
Ion Ratio Lower Upper
162 100
127 42.7 31.1 46.7
164 33.7 26.9 40.3





#48

2-Nitroaniline

Concen: 69.154 ng

RT: 9.678 min Scan# 1163

Delta R.T. -0.000 min

Lab File: BF132146.D

Acq: 19 Jan 2023 14:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 65 Resp: 336394

Ion Ratio Lower Upper

65 100

92 65.5 53.8 80.6

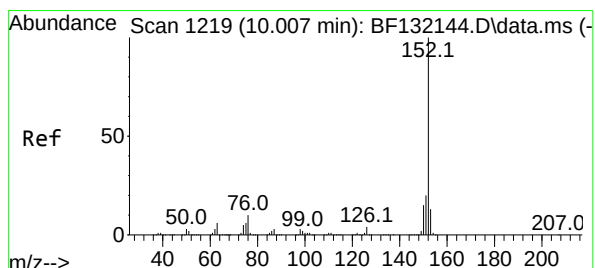
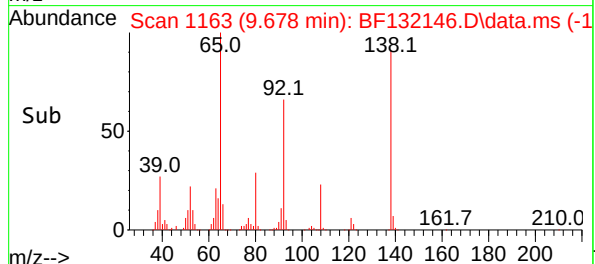
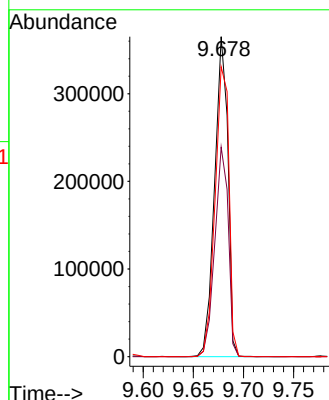
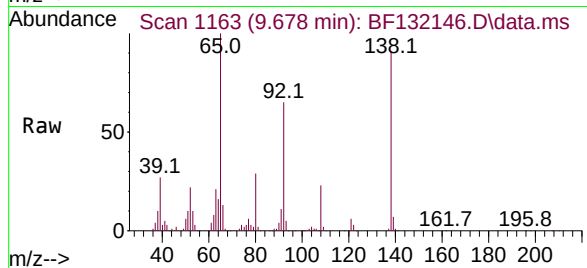
138 90.6 78.7 118.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#49

Acenaphthylene

Concen: 56.920 ng

RT: 10.007 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF132146.D

Acq: 19 Jan 2023 14:38

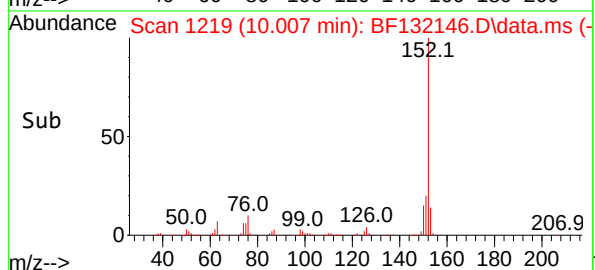
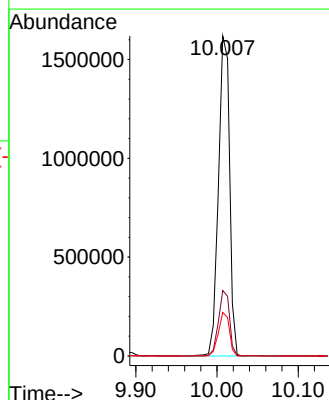
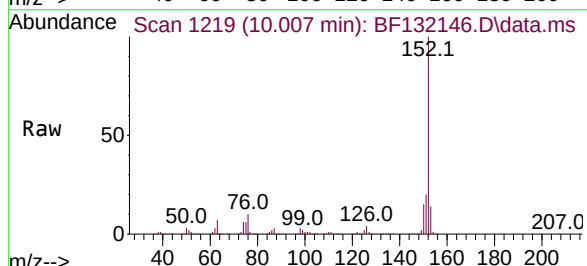
Tgt Ion:152 Resp: 1538399

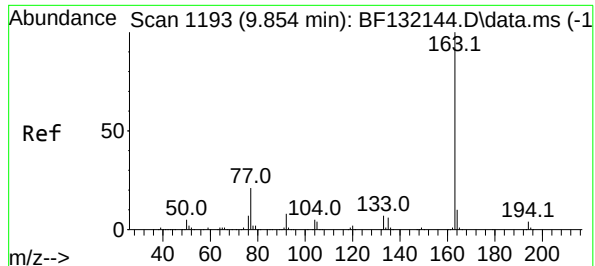
Ion Ratio Lower Upper

152 100

151 20.5 16.4 24.6

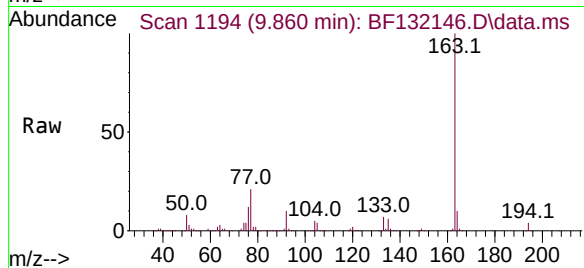
153 13.6 10.6 15.8





#50
Dimethylphthalate
Concen: 57.805 ng
RT: 9.860 min Scan# 1193
Delta R.T. 0.006 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

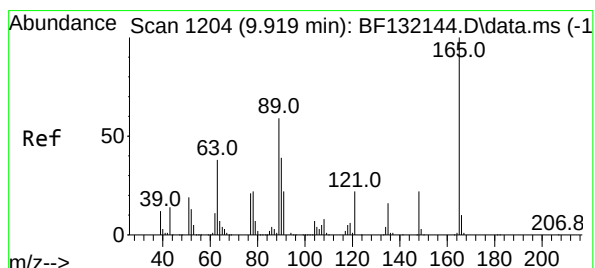
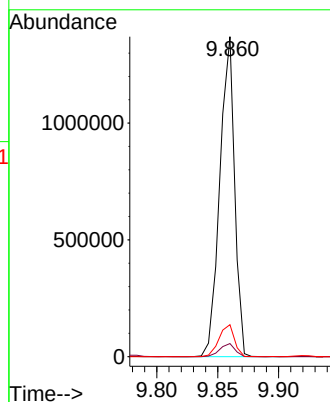
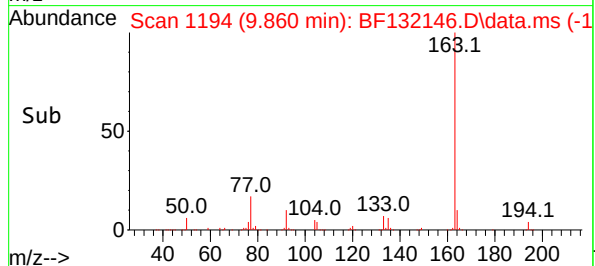
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:163 Resp: 115980
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.0 8.2 12.2

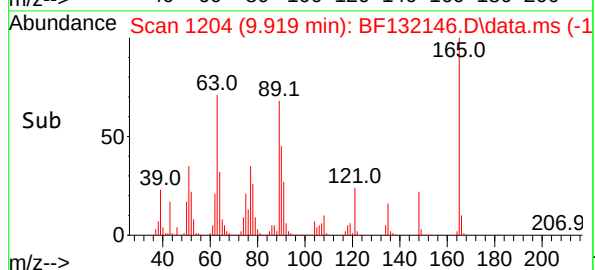
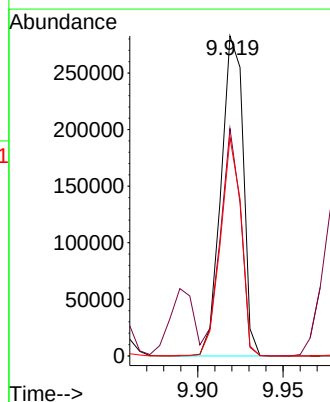
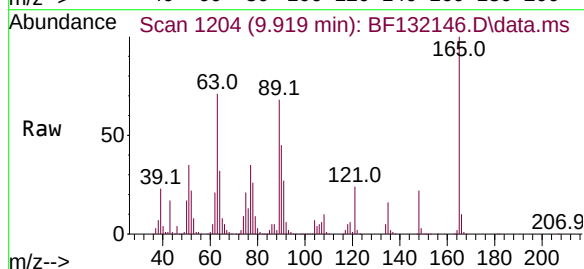
Manual Integrations
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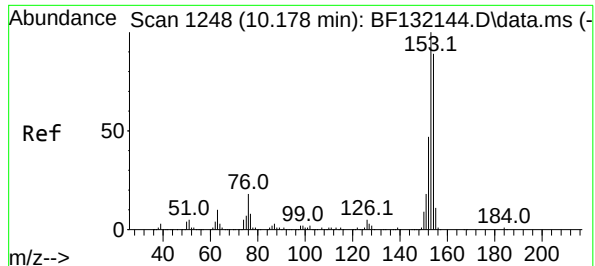
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#51
2,6-Dinitrotoluene
Concen: 65.553 ng
RT: 9.919 min Scan# 1204
Delta R.T. -0.000 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

Tgt Ion:165 Resp: 254927
Ion Ratio Lower Upper
165 100
63 71.1 46.6 70.0#
89 68.2 47.4 71.2





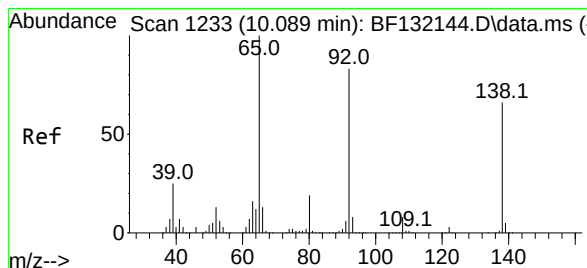
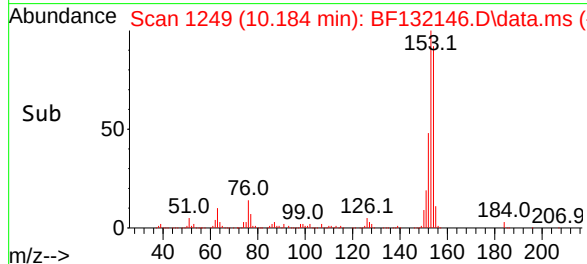
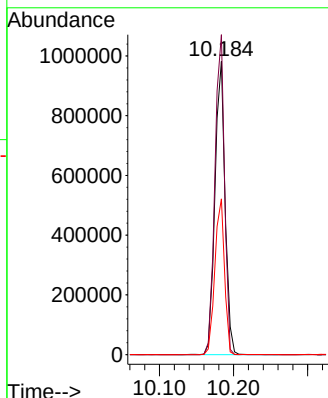
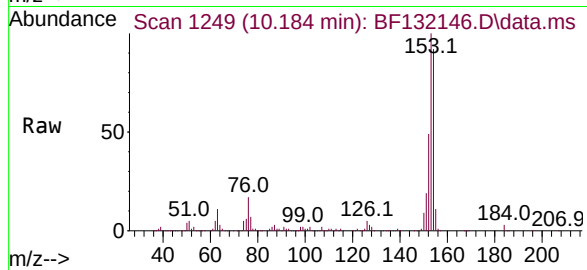
#52
Acenaphthene
Concen: 57.399 ng
RT: 10.184 min Scan# 1248
Delta R.T. 0.006 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:154 Resp: 933128
Ion Ratio Lower Upper
154 100
153 109.1 89.8 134.8
152 53.1 42.3 63.5

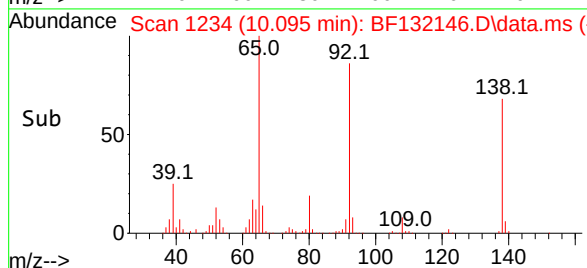
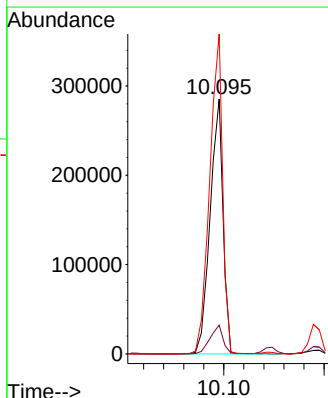
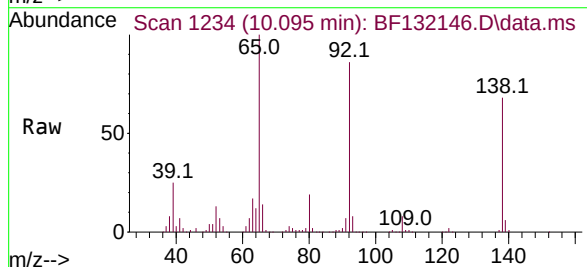
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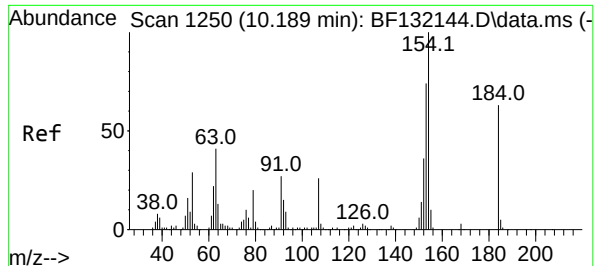
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#53
3-Nitroaniline
Concen: 61.295 ng
RT: 10.095 min Scan# 1234
Delta R.T. 0.006 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

Tgt Ion:138 Resp: 254855
Ion Ratio Lower Upper
138 100
108 11.2 9.1 13.7
92 125.5 101.2 151.8





#54

2,4-Dinitrophenol

Concen: 69.468 ng

RT: 10.195 min Scan# 1251

Delta R.T. 0.006 min

Lab File: BF132146.D

Acq: 19 Jan 2023 14:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:184 Resp: 109113

Ion Ratio Lower Upper

184 100

63 53.5 53.2 79.8

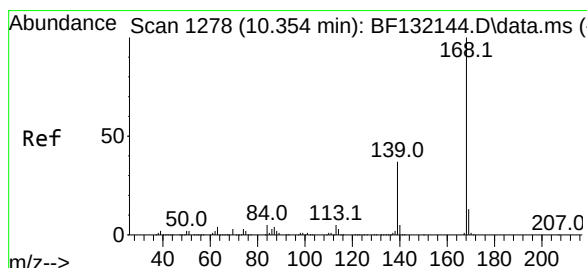
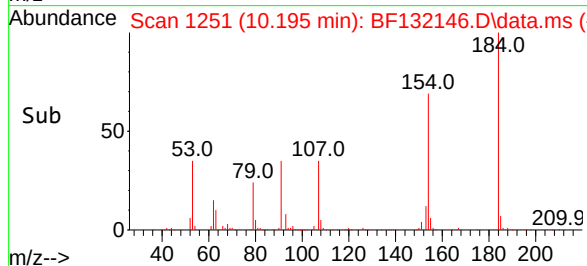
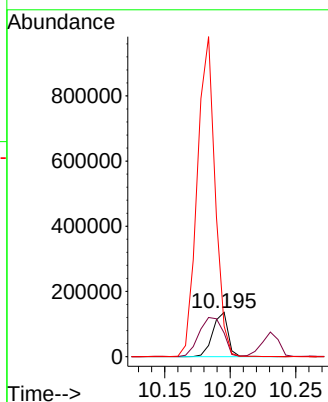
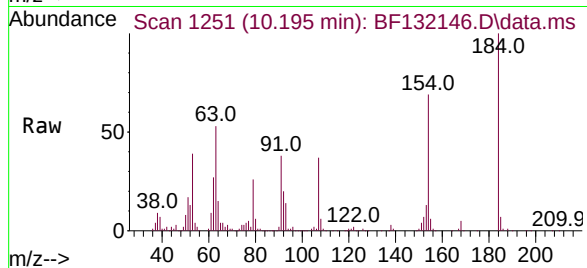
154 68.7 129.4 194.0

Manual Integrations

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#55

Dibenzofuran

Concen: 56.451 ng

RT: 10.354 min Scan# 1278

Delta R.T. 0.000 min

Lab File: BF132146.D

Acq: 19 Jan 2023 14:38

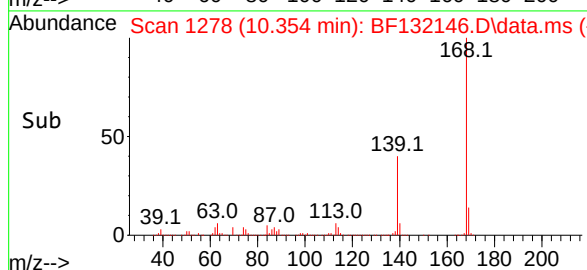
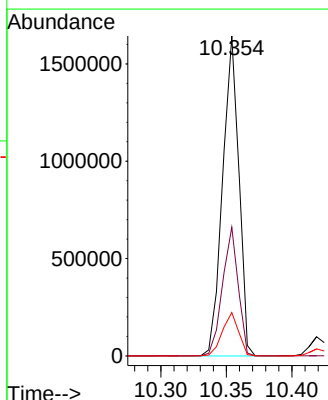
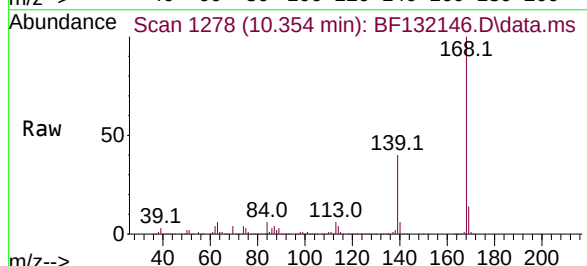
Tgt Ion:168 Resp: 1418239

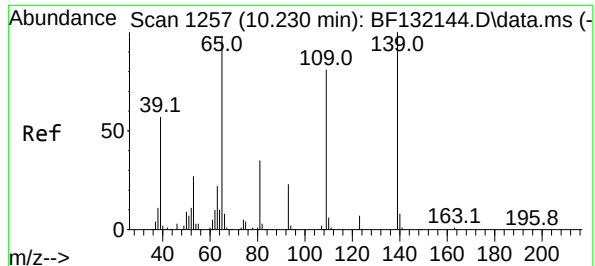
Ion Ratio Lower Upper

168 100

139 40.2 29.8 44.8

169 13.5 10.3 15.5





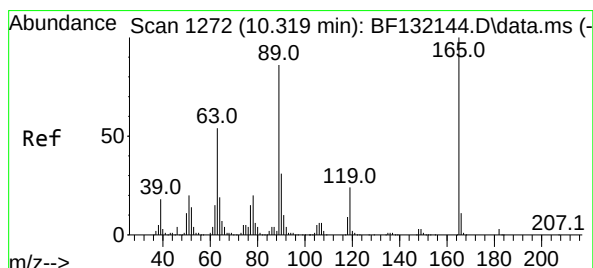
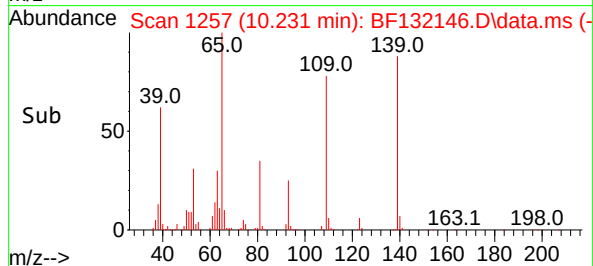
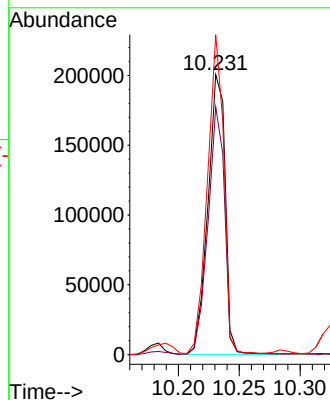
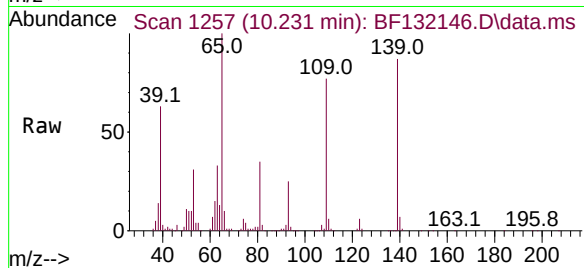
#56
4-Nitrophenol
Concen: 65.536 ng
RT: 10.231 min Scan# 1257
Delta R.T. 0.000 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:139 Resp: 19831
Ion Ratio Lower Upper
139 100
109 88.5 61.0 101.0
65 114.3 79.3 119.3

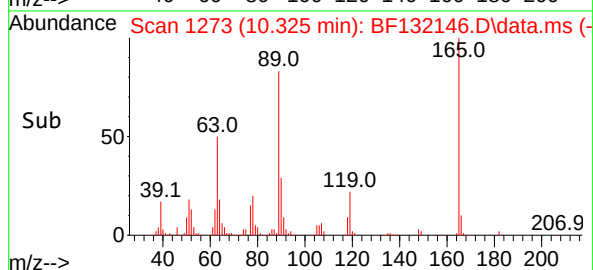
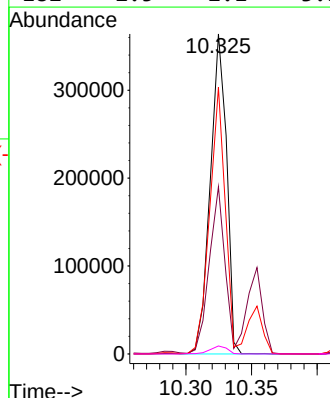
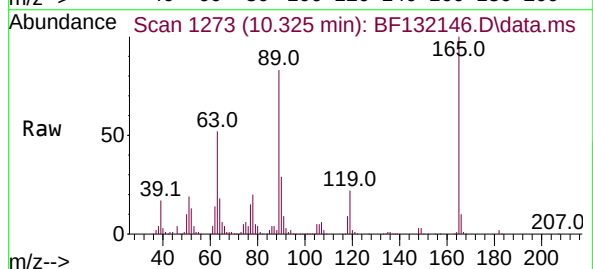
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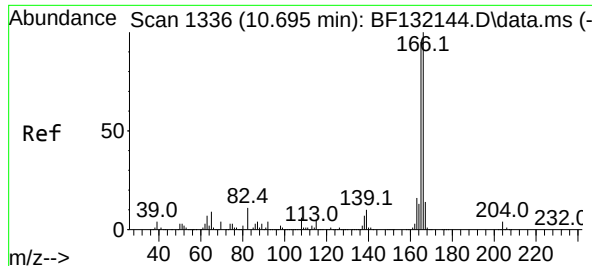
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#57
2,4-Dinitrotoluene
Concen: 67.450 ng
RT: 10.325 min Scan# 1273
Delta R.T. 0.006 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

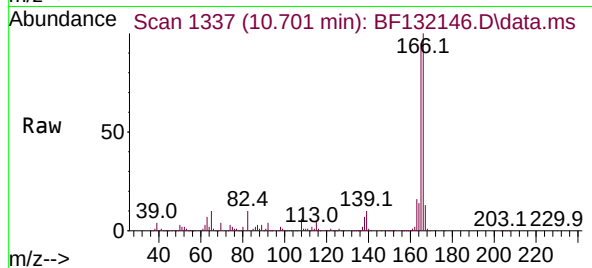
Tgt Ion:165 Resp: 314857
Ion Ratio Lower Upper
165 100
63 52.2 43.5 65.3
89 83.3 69.0 103.6
182 2.5 2.1 3.1





#58
Fluorene
Concen: 54.506 ng
RT: 10.701 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

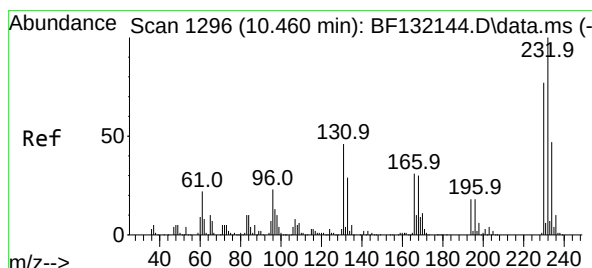
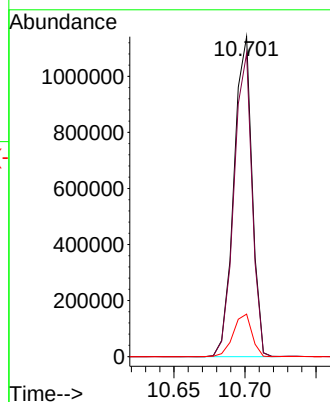
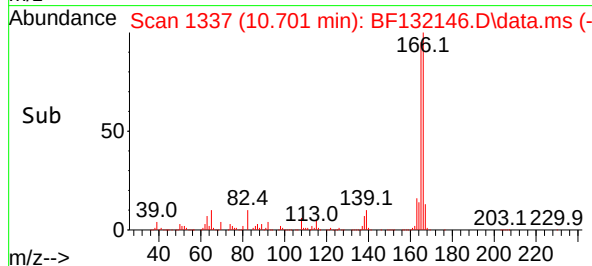
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:166 Resp: 1014678
Ion Ratio Lower Upper
166 100
165 94.8 76.4 114.6
167 13.3 11.0 16.4

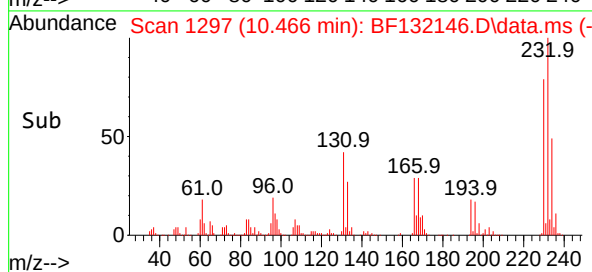
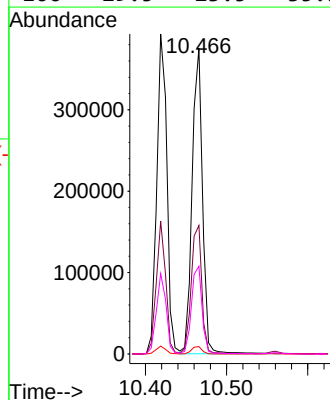
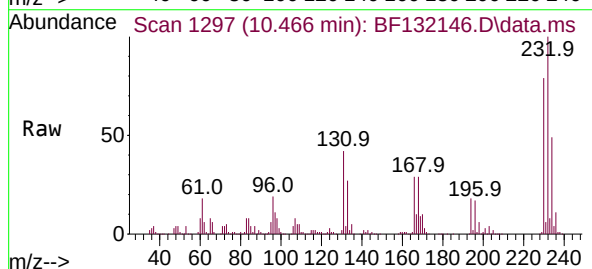
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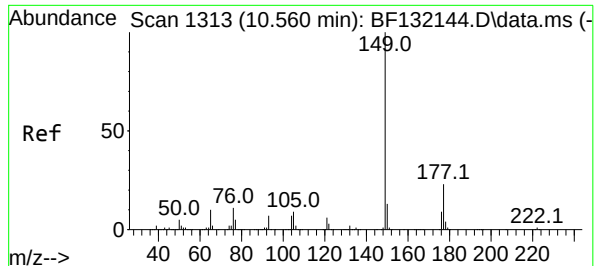
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#59
2,3,4,6-Tetrachlorophenol
Concen: 62.381 ng
RT: 10.466 min Scan# 1297
Delta R.T. 0.006 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

Tgt Ion:232 Resp: 331979
Ion Ratio Lower Upper
232 100
131 42.9 33.8 50.6
130 2.4 1.9 2.9
166 29.5 23.5 35.3





#60

Diethylphthalate

Concen: 57.521 ng

RT: 10.560 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF132146.D

Acq: 19 Jan 2023 14:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:149 Resp: 113175

Ion Ratio Lower Upper

149 100

177 22.8 18.4 27.6

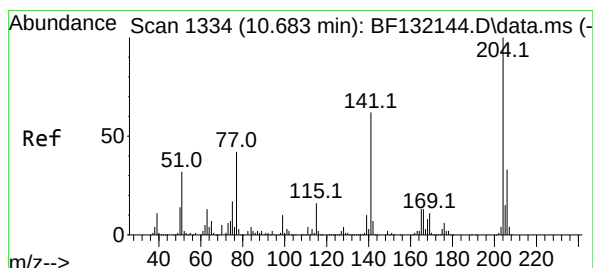
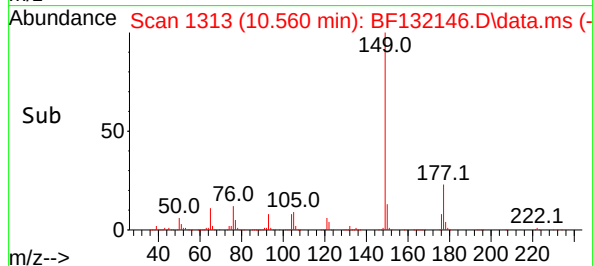
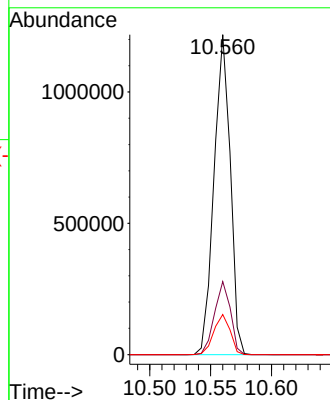
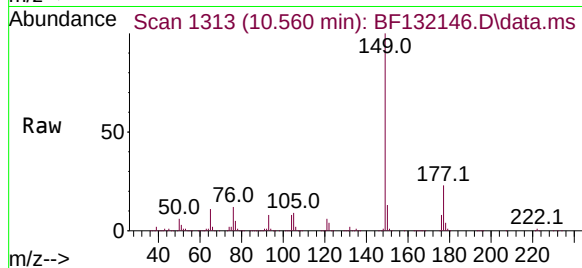
150 12.5 10.1 15.1

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#61

4-Chlorophenyl-phenylether

Concen: 56.128 ng

RT: 10.684 min Scan# 1334

Delta R.T. 0.000 min

Lab File: BF132146.D

Acq: 19 Jan 2023 14:38

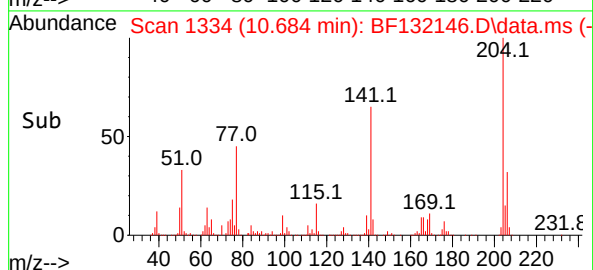
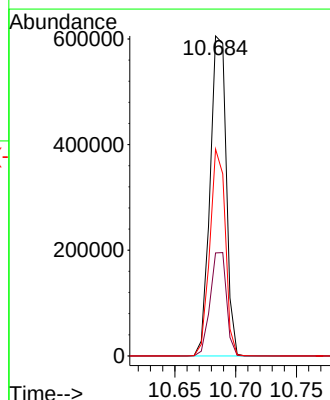
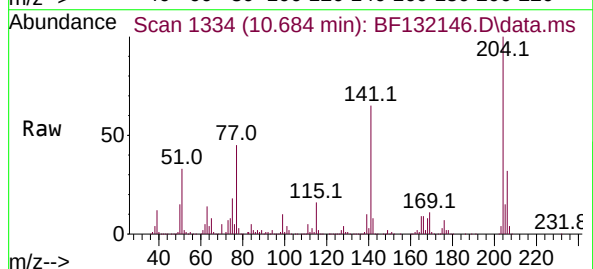
Tgt Ion:204 Resp: 559503

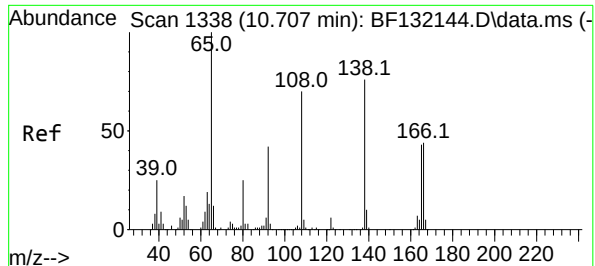
Ion Ratio Lower Upper

204 100

206 32.2 26.4 39.6

141 64.6 49.2 73.8





#62

4-Nitroaniline

Concen: 60.667 ng

RT: 10.713 min Scan# 1338

Delta R.T. 0.006 min

Lab File: BF132146.D

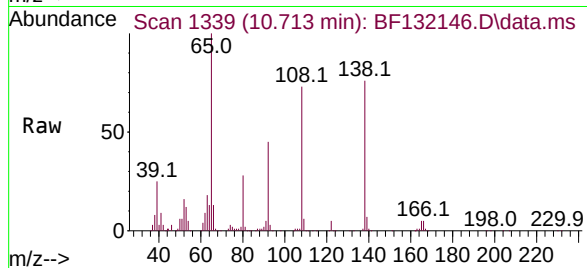
Acq: 19 Jan 2023 14:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:138 Resp: 234838

Ion Ratio Lower Upper

138 100

92 58.4 35.9 75.9

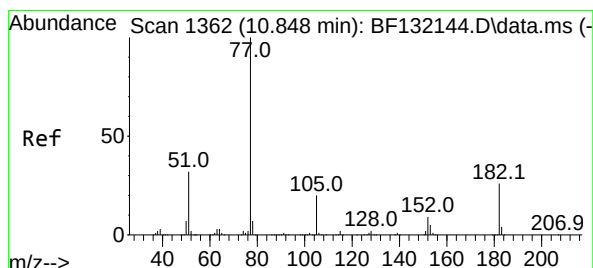
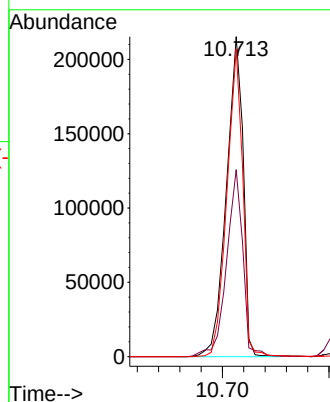
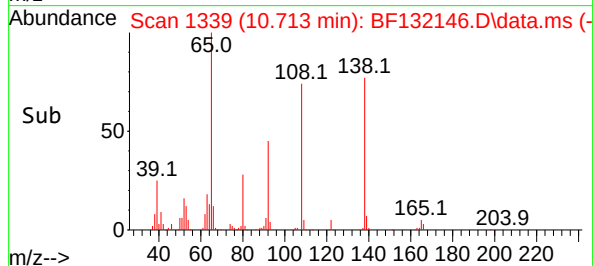
108 96.2 72.0 112.0

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#63

Azobenzene

Concen: 57.002 ng

RT: 10.848 min Scan# 1362

Delta R.T. 0.000 min

Lab File: BF132146.D

Acq: 19 Jan 2023 14:38

Tgt Ion: 77 Resp: 1125601

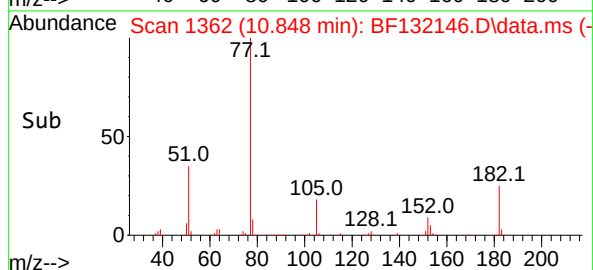
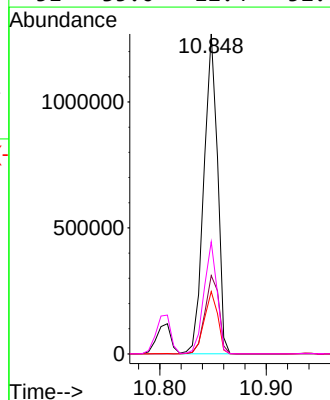
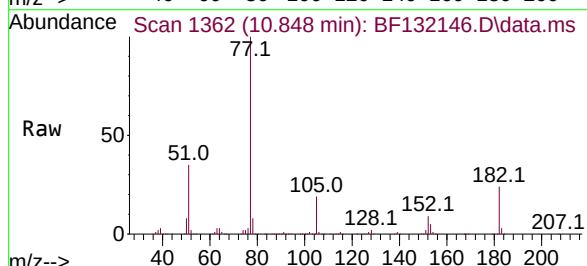
Ion Ratio Lower Upper

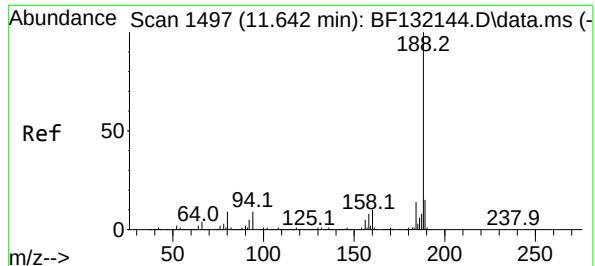
77 100

182 24.5 6.4 46.4

105 19.5 0.0 39.8

51 35.0 12.4 52.4





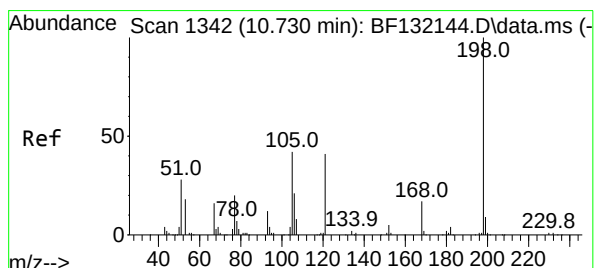
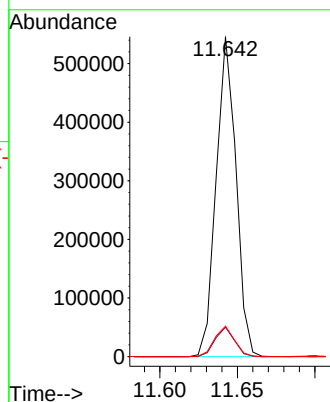
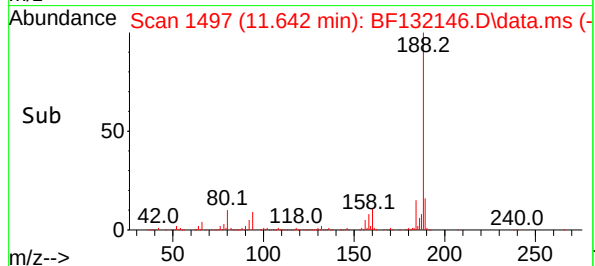
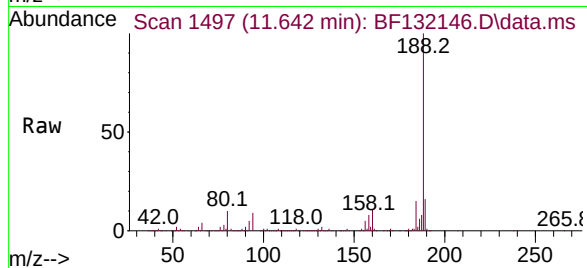
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.642 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:188 Resp: 485801
Ion Ratio Lower Upper
188 100
94 9.2 6.9 10.3
80 9.5 7.5 11.3

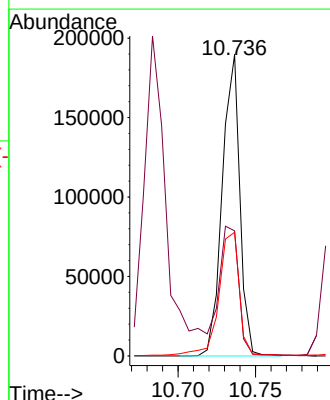
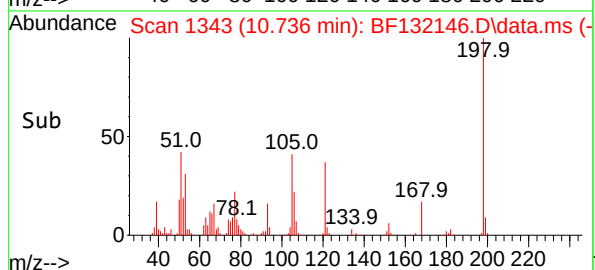
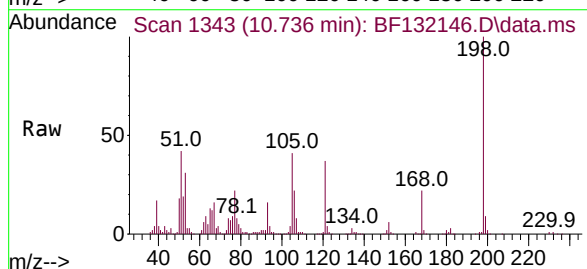
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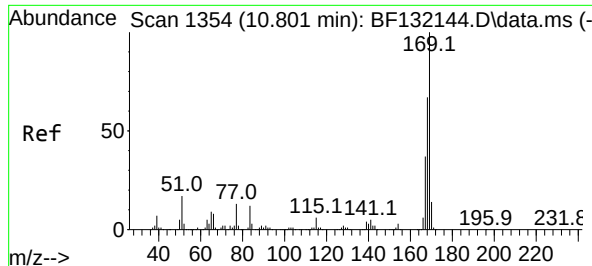
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#65
4,6-Dinitro-2-methylphenol
Concen: 71.112 ng
RT: 10.736 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

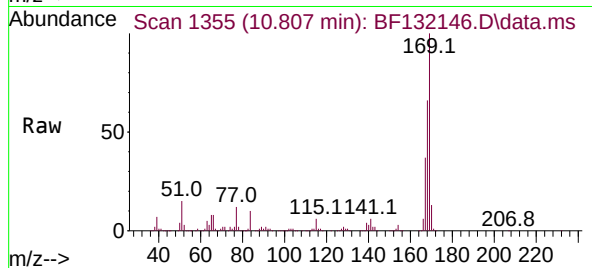
Tgt Ion:198 Resp: 149779
Ion Ratio Lower Upper
198 100
51 41.5 24.3 64.3
105 41.0 23.3 63.3





#66
n-Nitrosodiphenylamine
Concen: 58.848 ng
RT: 10.807 min Scan# 1354
Delta R.T. 0.006 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

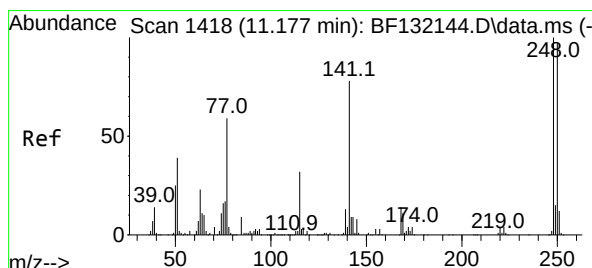
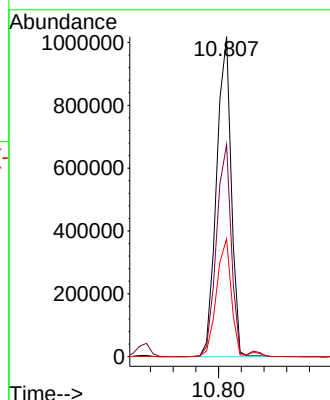
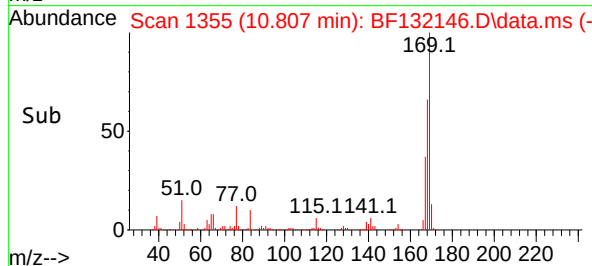
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:169 Resp: 915576
Ion Ratio Lower Upper
169 100
168 66.2 53.4 80.0
167 36.8 29.7 44.5

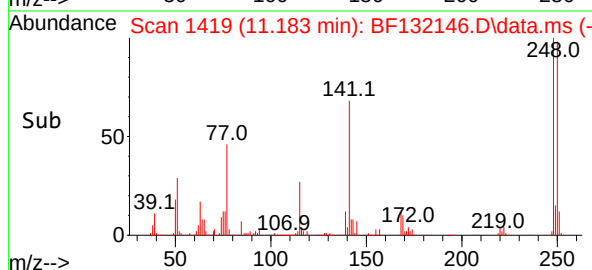
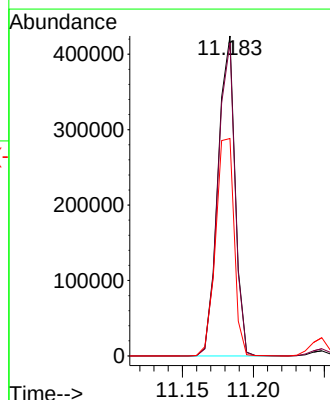
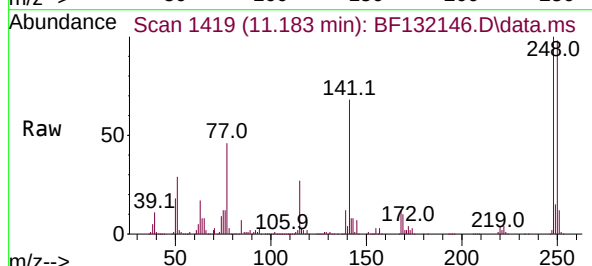
Manual Integrations
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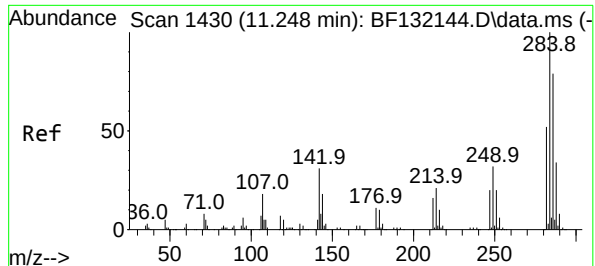
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#67
4-Bromophenyl-phenylether
Concen: 60.061 ng
RT: 11.183 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

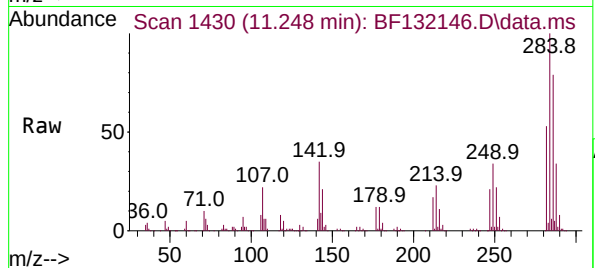
Tgt Ion:248 Resp: 355646
Ion Ratio Lower Upper
248 100
250 97.8 77.4 116.0
141 67.9 62.2 93.2





#68
Hexachlorobenzene
Concen: 60.040 ng
RT: 11.248 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

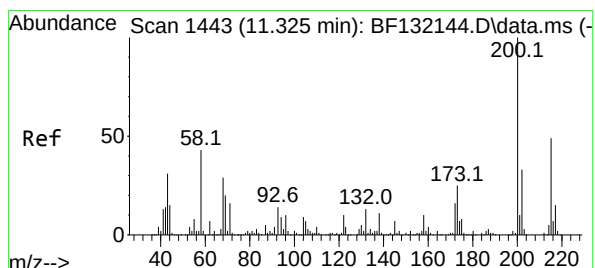
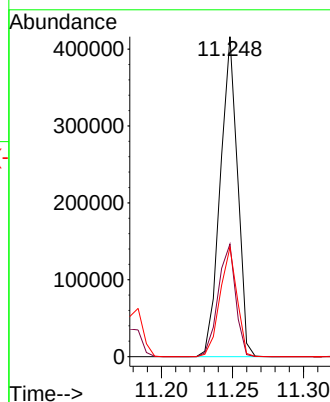
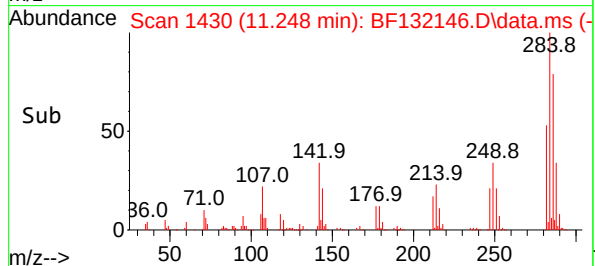
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



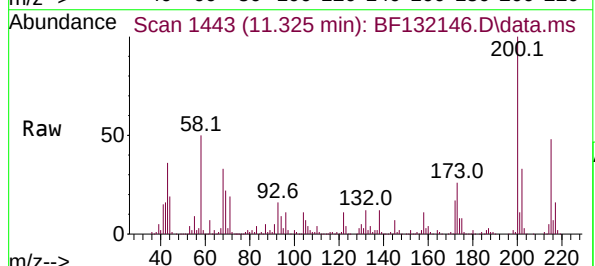
Tgt Ion:284 Resp: 353336
Ion Ratio Lower Upper
284 100
142 35.2 24.7 37.1
249 34.1 25.6 38.4

Manual Integrations
APPROVED

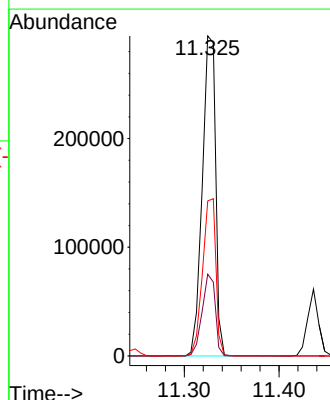
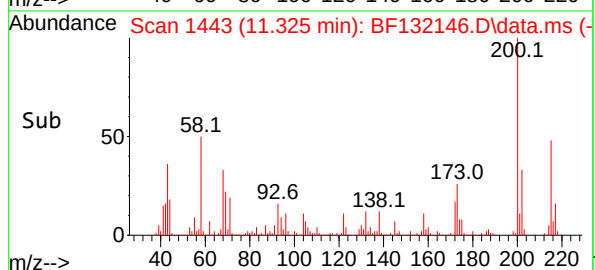
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

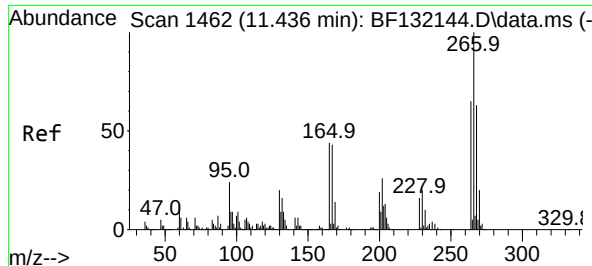


#69
Atrazine
Concen: 60.057 ng
RT: 11.325 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38



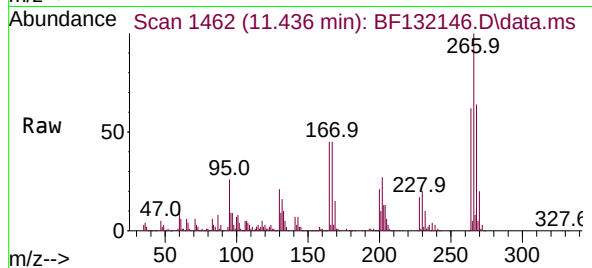
Tgt Ion:200 Resp: 288287
Ion Ratio Lower Upper
200 100
173 25.5 5.0 45.0
215 48.4 28.6 68.6





#70
Pentachlorophenol
Concen: 67.243 ng
RT: 11.436 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

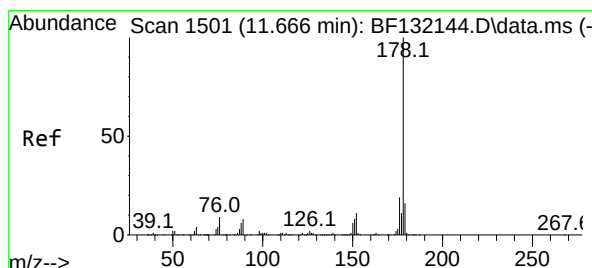
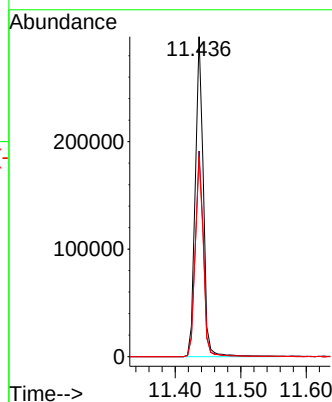
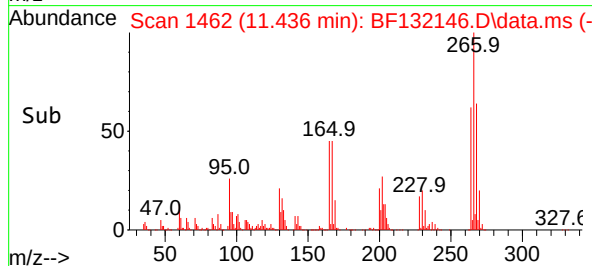
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



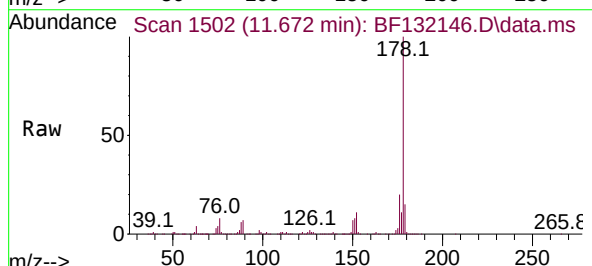
Tgt Ion:266 Resp: 254300
Ion Ratio Lower Upper
266 100
268 64.2 50.8 76.2
264 62.5 52.3 78.5

Manual Integrations
APPROVED

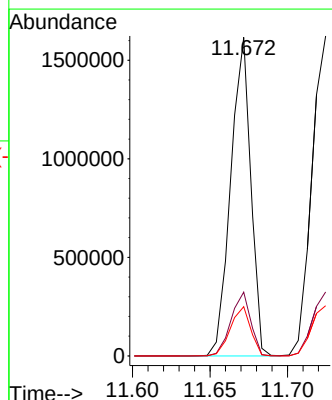
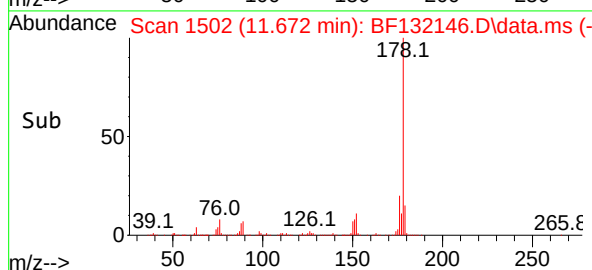
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

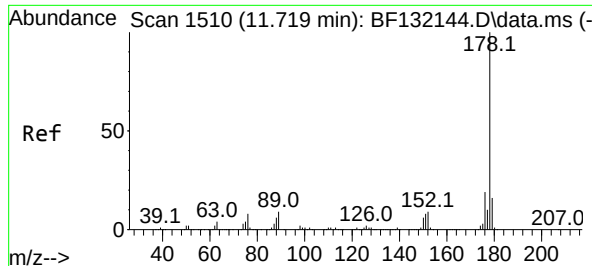


#71
Phenanthrene
Concen: 57.327 ng
RT: 11.672 min Scan# 1502
Delta R.T. 0.006 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38



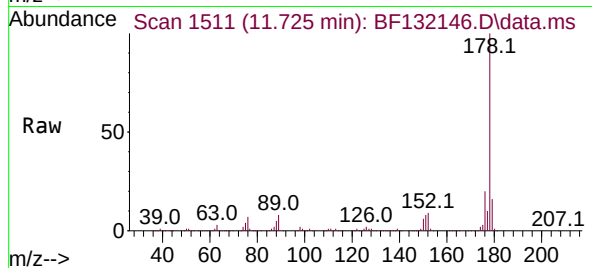
Tgt Ion:178 Resp: 1461486
Ion Ratio Lower Upper
178 100
176 20.0 15.5 23.3
179 15.5 12.6 19.0





#72
Anthracene
Concen: 56.831 ng
RT: 11.725 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

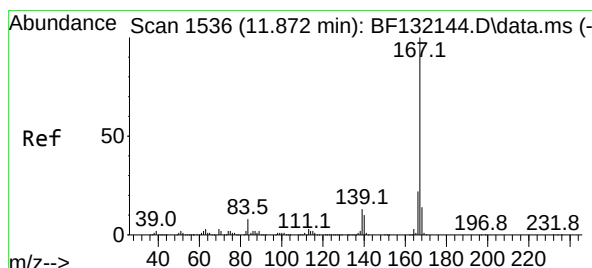
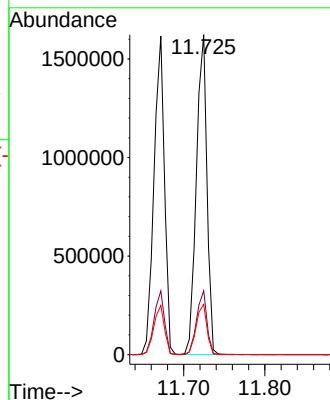
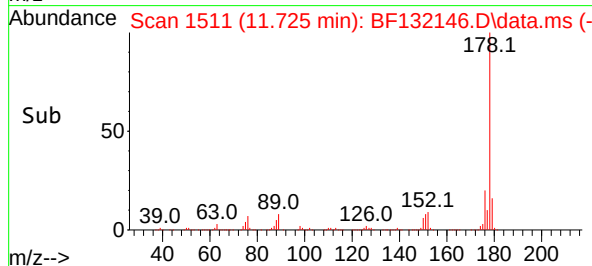
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:178 Resp: 1465755
Ion Ratio Lower Upper
178 100
176 20.0 15.3 22.9
179 15.7 12.6 18.8

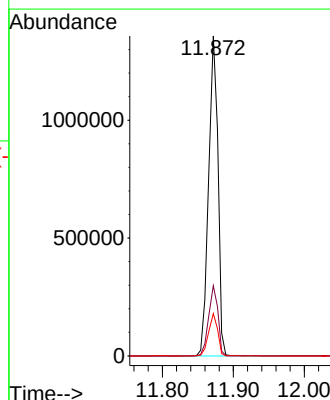
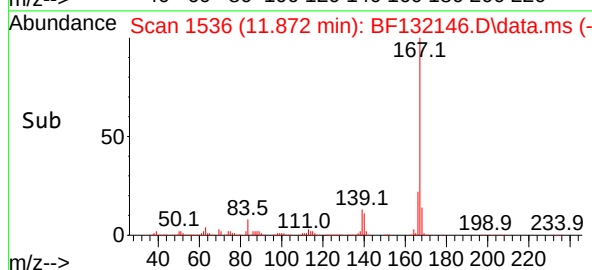
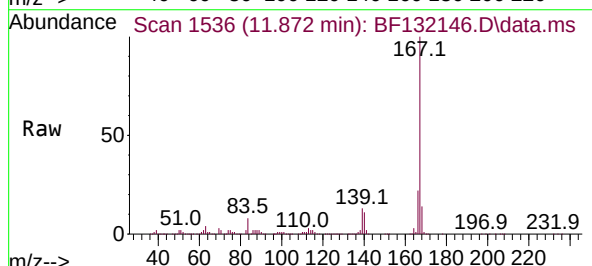
Manual Integrations
APPROVED

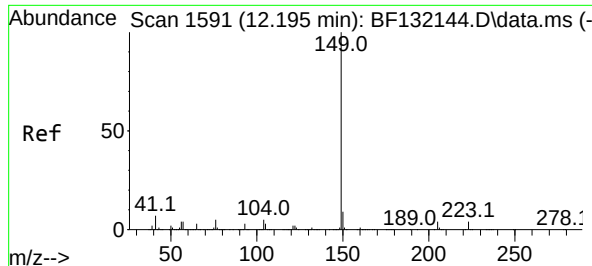
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#73
Carbazole
Concen: 56.370 ng
RT: 11.872 min Scan# 1536
Delta R.T. 0.000 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

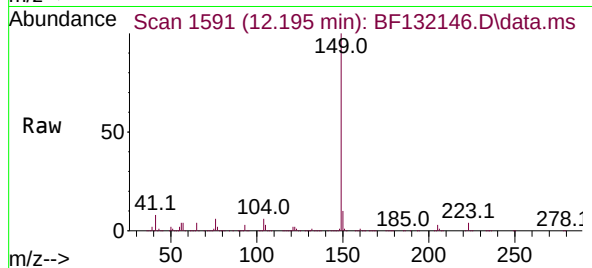
Tgt Ion:167 Resp: 1241858
Ion Ratio Lower Upper
167 100
166 21.9 17.7 26.5
139 13.2 10.5 15.7





#74
Di-n-butylphthalate
Concen: 59.487 ng
RT: 12.195 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

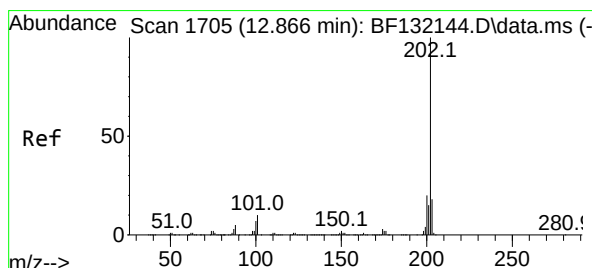
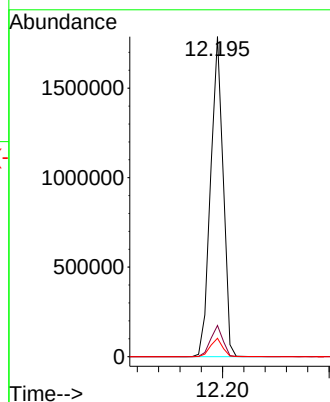
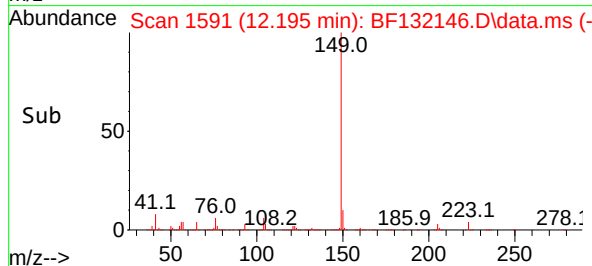
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



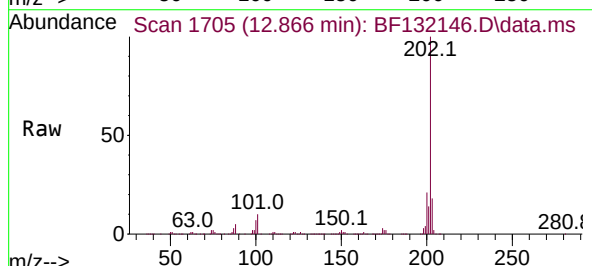
Tgt Ion:149 Resp: 1458925
Ion Ratio Lower Upper
149 100
150 9.7 7.5 11.3
104 5.7 4.3 6.5

Manual Integrations
APPROVED

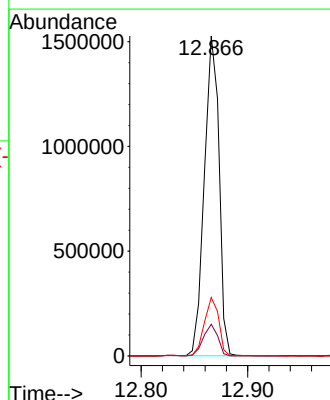
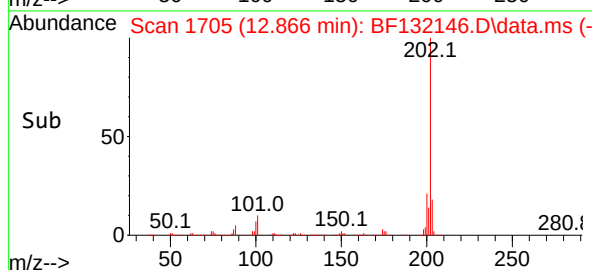
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

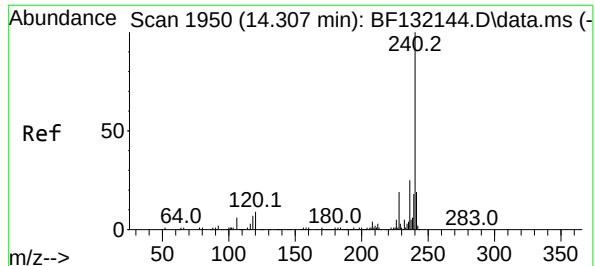


#75
Fluoranthene
Concen: 55.738 ng
RT: 12.866 min Scan# 1705
Delta R.T. -0.000 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38



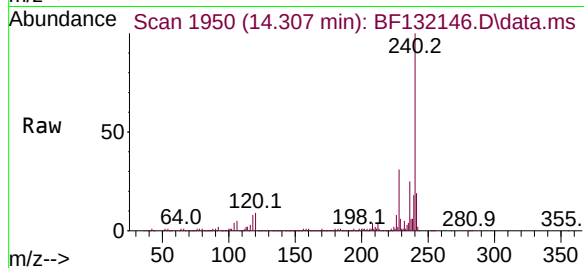
Tgt Ion:202 Resp: 1459641
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.6
203 18.3 0.0 37.9





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.307 min Scan# 1950
Delta R.T. 0.000 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

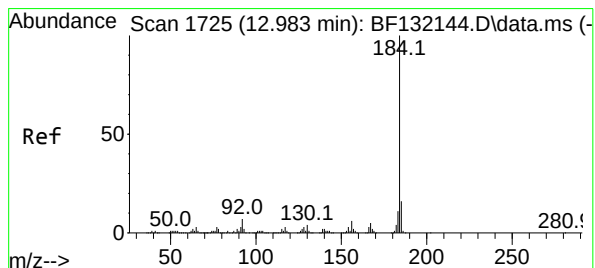
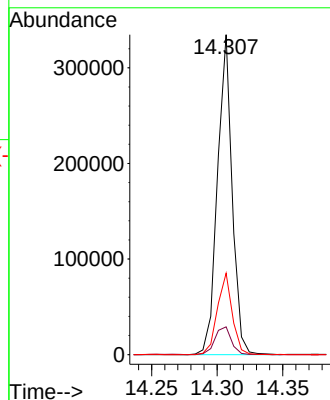
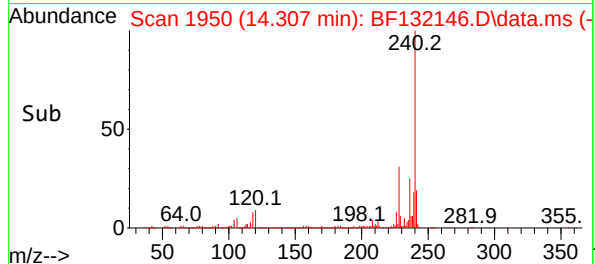
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:240 Resp: 261239
Ion Ratio Lower Upper
240 100
120 8.7 6.9 10.3
236 25.5 20.3 30.5

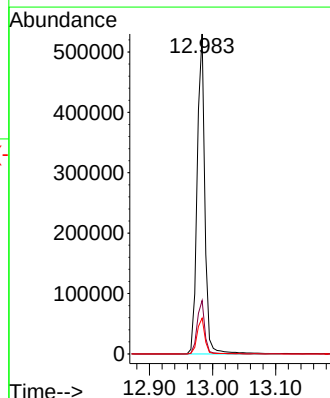
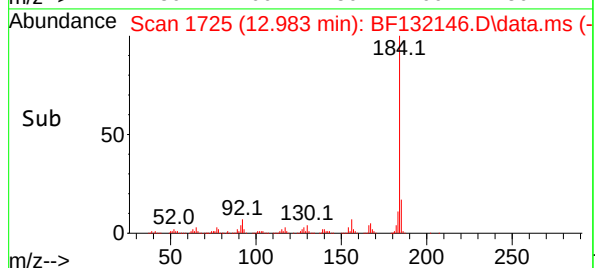
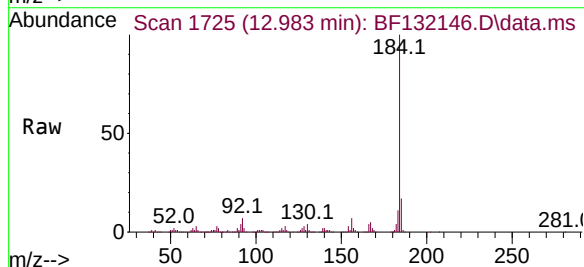
Manual Integrations
APPROVED

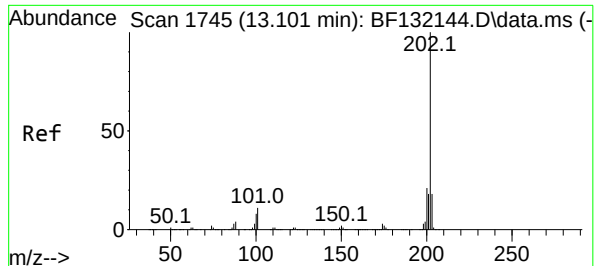
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#77
Benzidine
Concen: 57.362 ng
RT: 12.983 min Scan# 1725
Delta R.T. 0.000 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

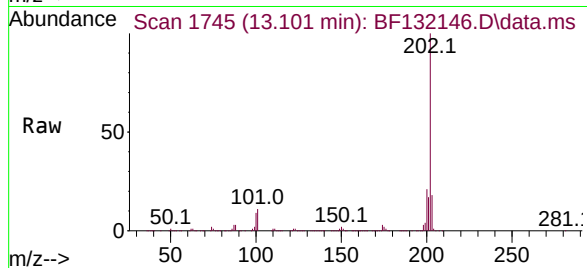
Tgt Ion:184 Resp: 449922
Ion Ratio Lower Upper
184 100
185 16.7 12.5 18.7
183 11.2 9.0 13.4





#78
Pyrene
Concen: 59.668 ng
RT: 13.101 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

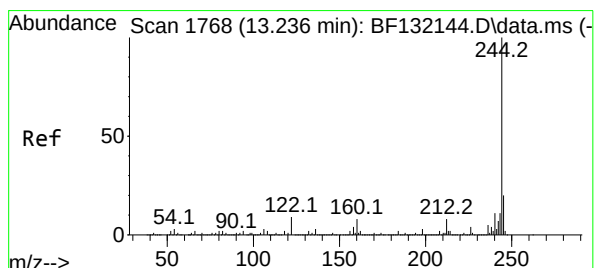
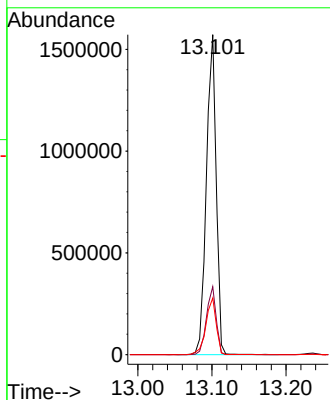
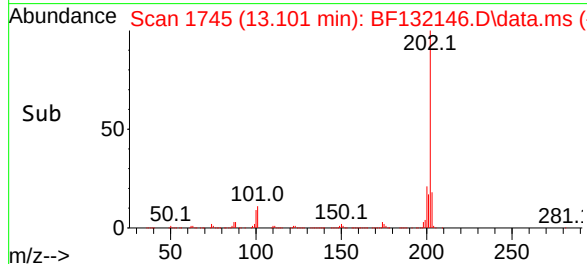
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



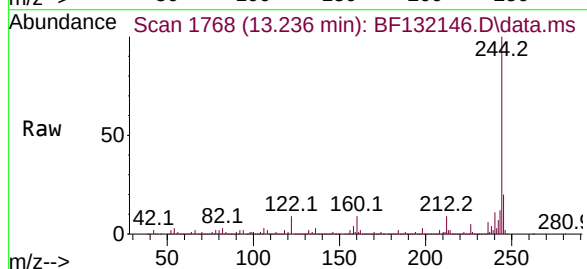
Tgt Ion:202 Resp: 1436571
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 17.7 14.0 21.0

Manual Integrations
APPROVED

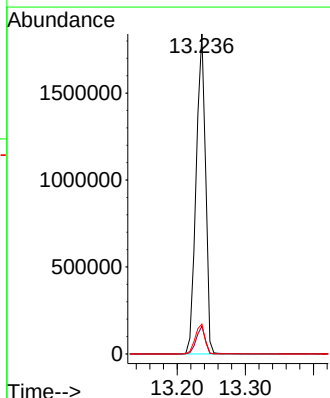
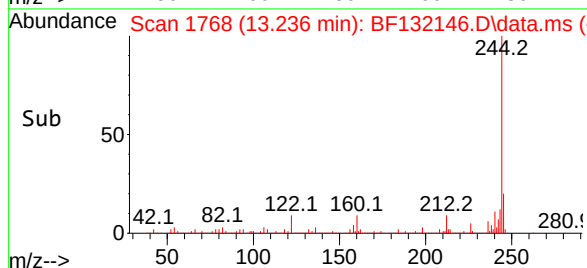
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

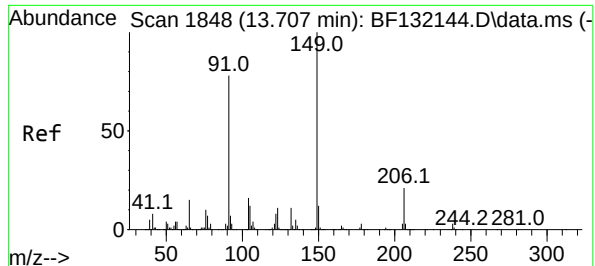


#79
Terphenyl-d14
Concen: 113.293 ng
RT: 13.236 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38



Tgt Ion:244 Resp: 1766851
Ion Ratio Lower Upper
244 100
212 8.6 6.7 10.1
122 9.3 7.4 11.2





#80

Butylbenzylphthalate

Concen: 70.140 ng

RT: 13.707 min Scan# 1848

Delta R.T. -0.000 min

Lab File: BF132146.D

Acq: 19 Jan 2023 14:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:149 Resp: 489360

Ion Ratio Lower Upper

149 100

91 76.7 62.6 94.0

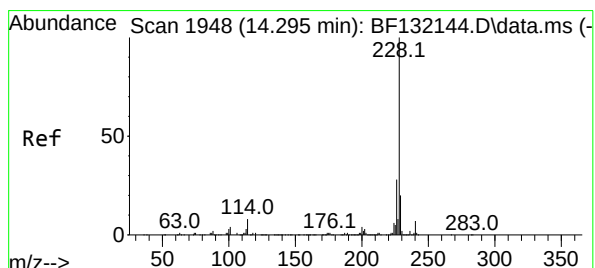
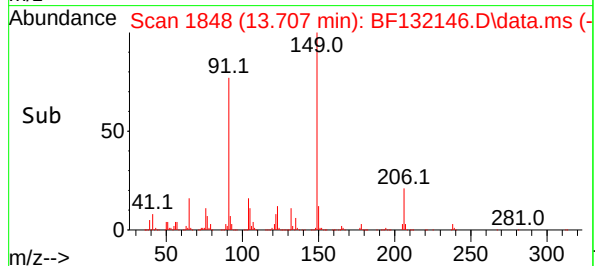
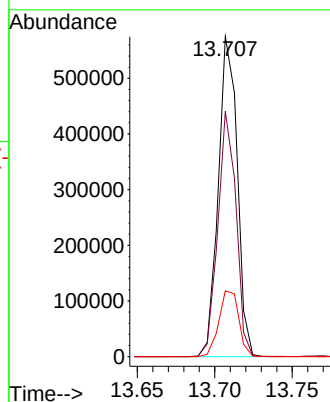
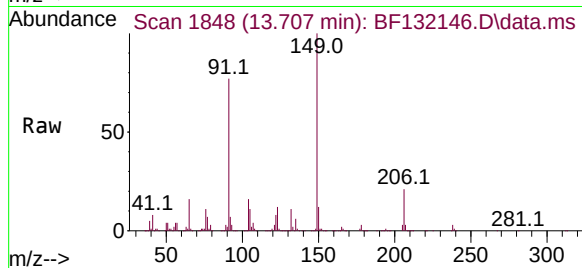
206 20.6 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#81

Benzo(a)anthracene

Concen: 61.773 ng

RT: 14.295 min Scan# 1948

Delta R.T. 0.000 min

Lab File: BF132146.D

Acq: 19 Jan 2023 14:38

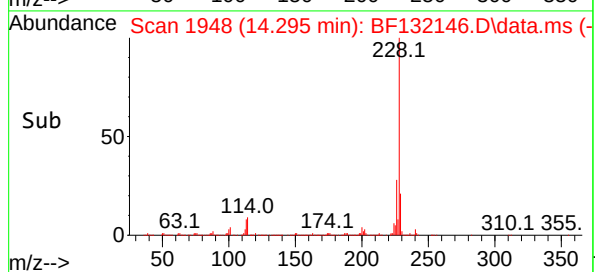
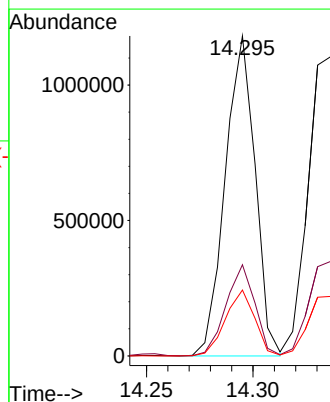
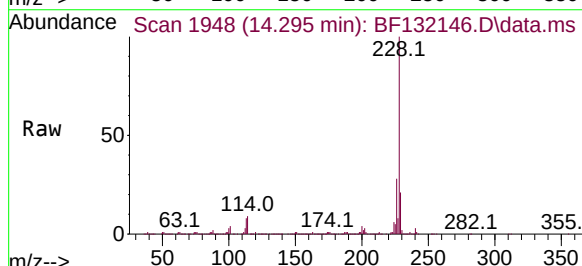
Tgt Ion:228 Resp: 1152856

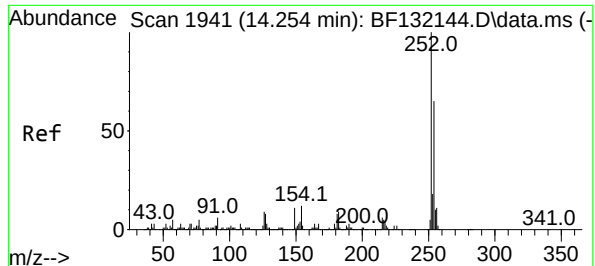
Ion Ratio Lower Upper

228 100

226 28.5 22.5 33.7

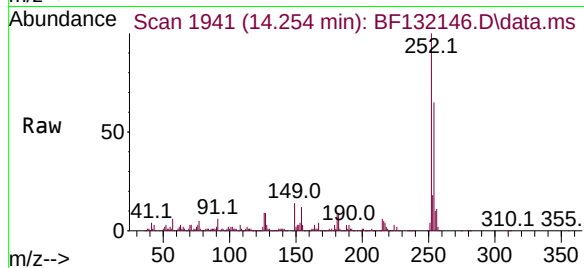
229 20.6 16.1 24.1





#82
3,3'-Dichlorobenzidine
Concen: 68.754 ng
RT: 14.254 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

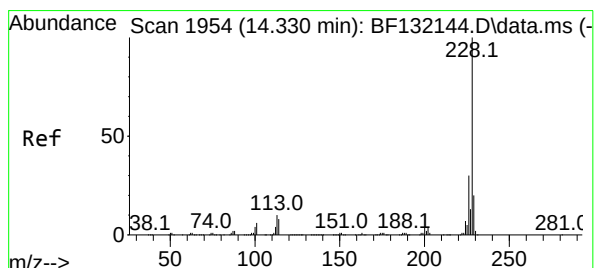
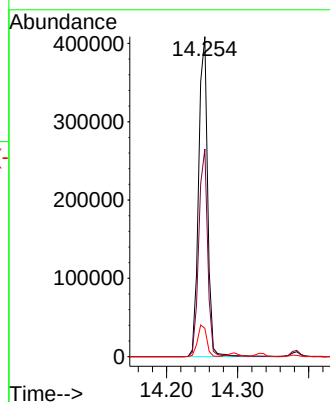
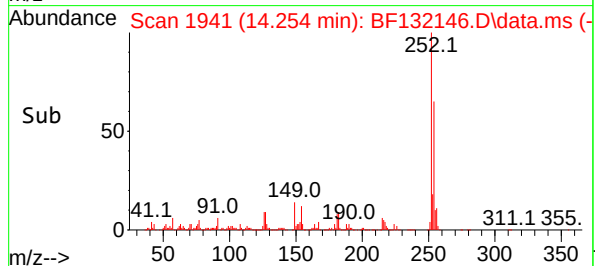
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:252 Resp: 357350
Ion Ratio Lower Upper
252 100
254 64.9 52.4 78.6
126 8.8 7.0 10.6

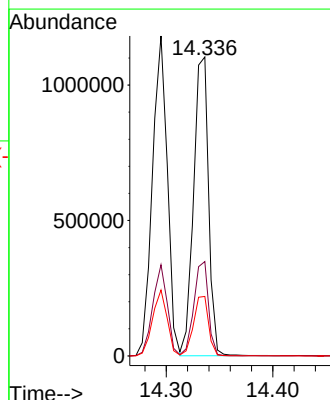
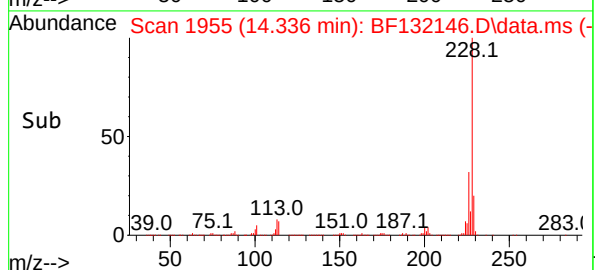
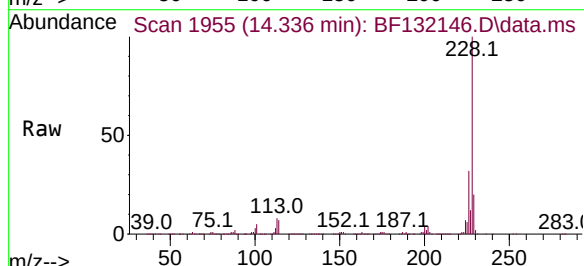
Manual Integrations
APPROVED

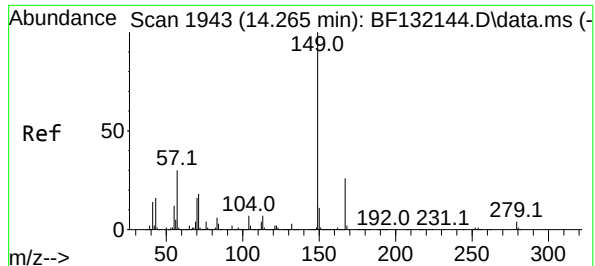
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#83
Chrysene
Concen: 60.882 ng
RT: 14.336 min Scan# 1955
Delta R.T. 0.006 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

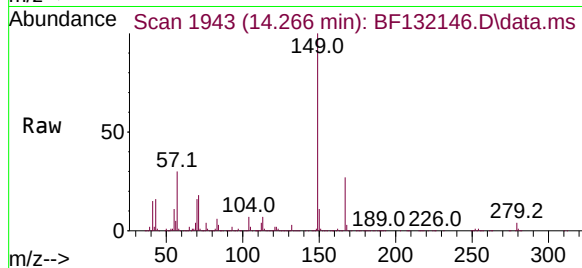
Tgt Ion:228 Resp: 1081540
Ion Ratio Lower Upper
228 100
226 31.5 24.3 36.5
229 19.9 15.8 23.6





#84
Bis(2-ethylhexyl)phthalate
Concen: 71.576 ng
RT: 14.266 min Scan# 1943
Delta R.T. 0.001 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

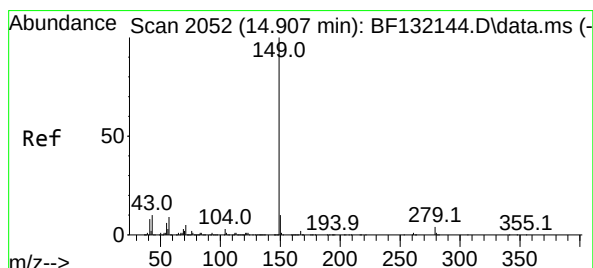
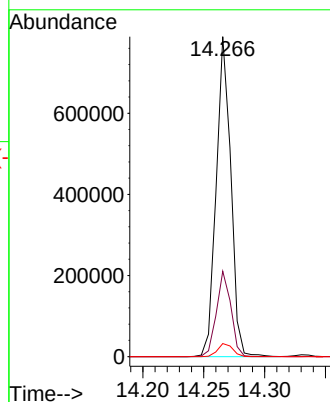
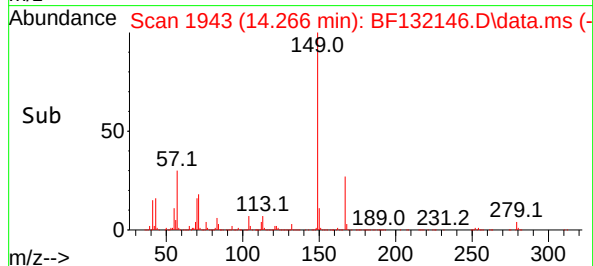
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:149 Resp: 659424
Ion Ratio Lower Upper
149 100
167 26.7 21.0 31.6
279 4.1 3.2 4.8

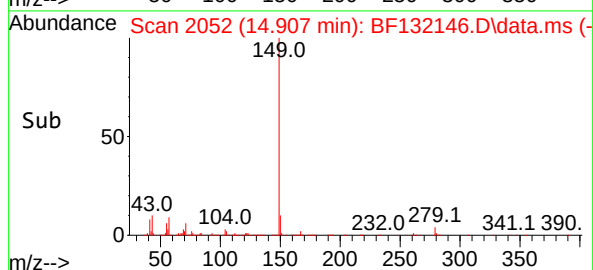
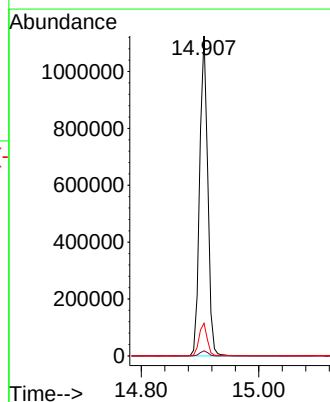
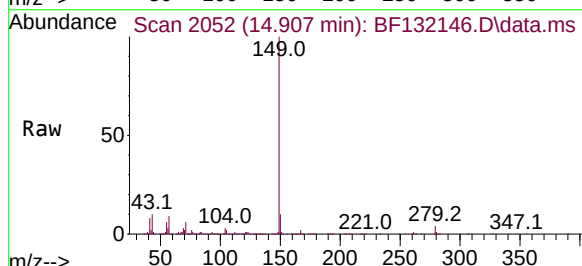
Manual Integrations
APPROVED

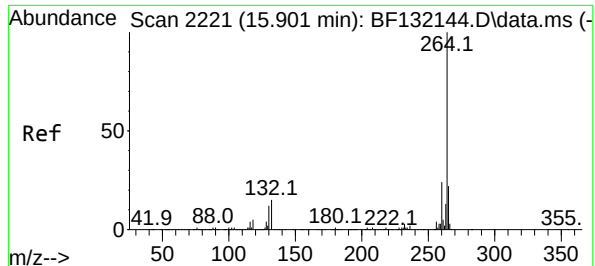
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#85
Di-n-octyl phthalate
Concen: 75.381 ng
RT: 14.907 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

Tgt Ion:149 Resp: 1066128
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.4 8.4 12.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.901 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF132146.D

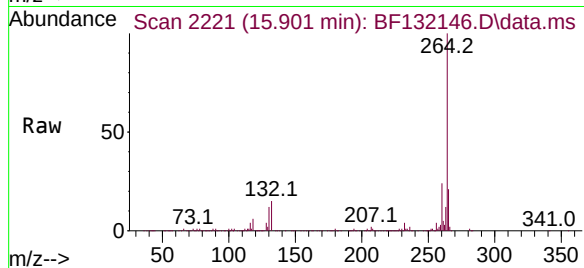
Acq: 19 Jan 2023 14:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:264 Resp: 324061

Ion Ratio Lower Upper

264 100

260 24.3 19.1 28.7

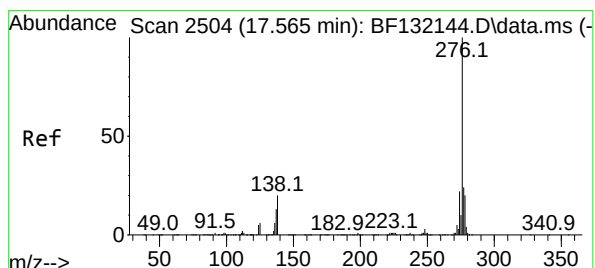
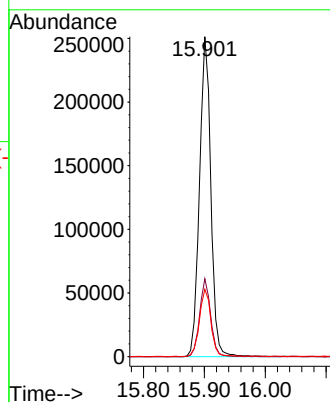
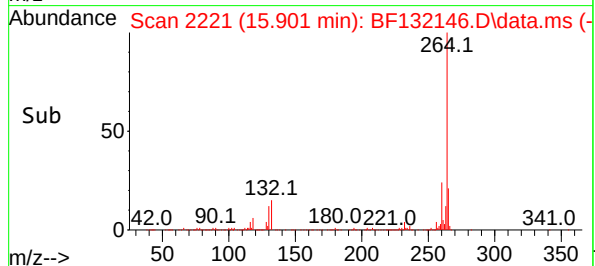
265 21.0 17.4 26.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#87

Indeno(1,2,3-cd)pyrene

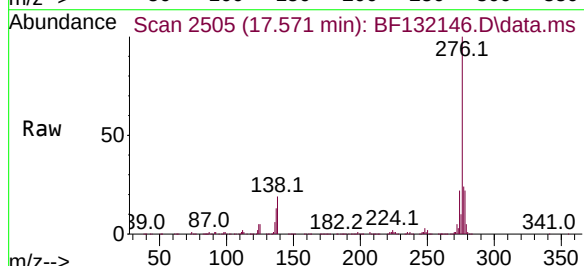
Concen: 68.678 ng

RT: 17.571 min Scan# 2505

Delta R.T. 0.006 min

Lab File: BF132146.D

Acq: 19 Jan 2023 14:38



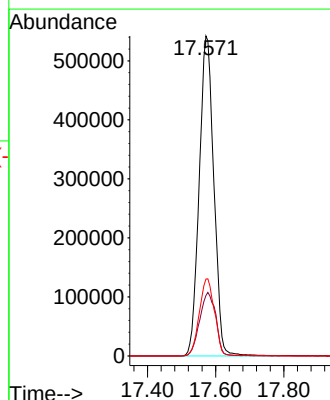
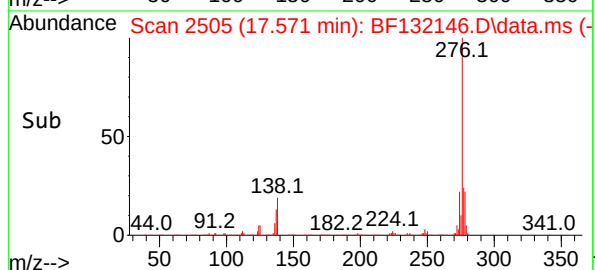
Tgt Ion:276 Resp: 1615101

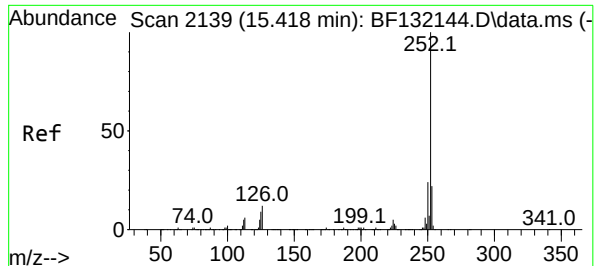
Ion Ratio Lower Upper

276 100

138 21.8 17.9 26.9

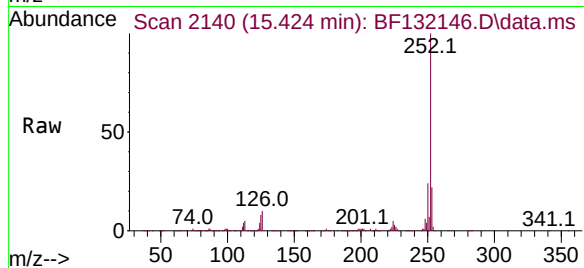
277 25.1 20.2 30.2





#88
Benzo(b)fluoranthene
Concen: 59.730 ng
RT: 15.424 min Scan# 2139
Delta R.T. 0.006 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

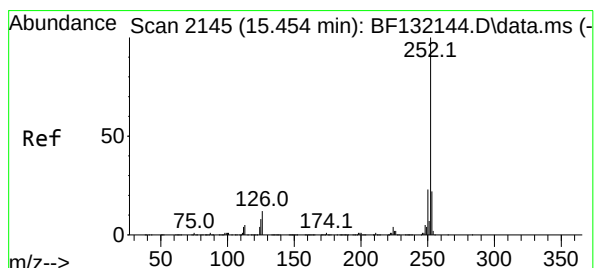
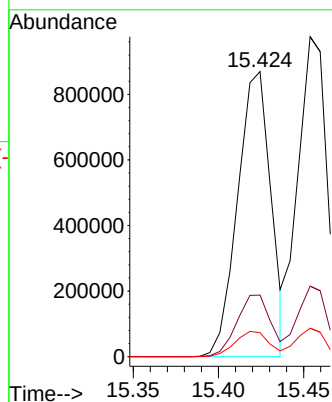
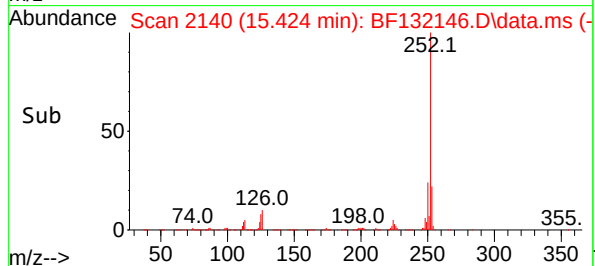
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:252 Resp: 1178524
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 8.4 7.2 10.8

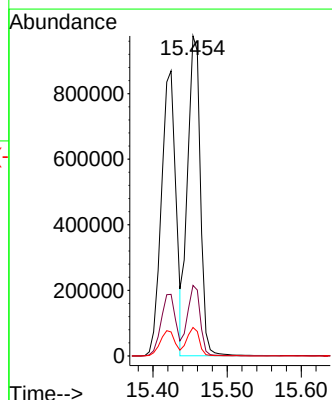
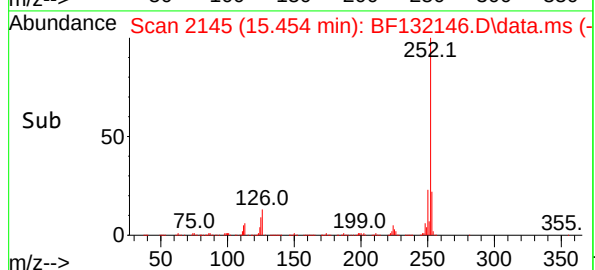
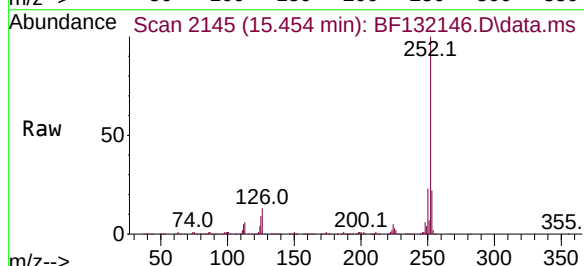
Manual Integrations
APPROVED

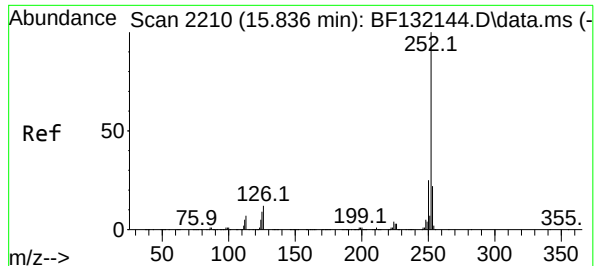
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#89
Benzo(k)fluoranthene
Concen: 58.383 ng
RT: 15.454 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BF132146.D
Acq: 19 Jan 2023 14:38

Tgt Ion:252 Resp: 1174837
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 8.9 6.4 9.6





#90

Benzo(a)pyrene

Concen: 63.672 ng

RT: 15.836 min Scan# 2210

Delta R.T. 0.000 min

Lab File: BF132146.D

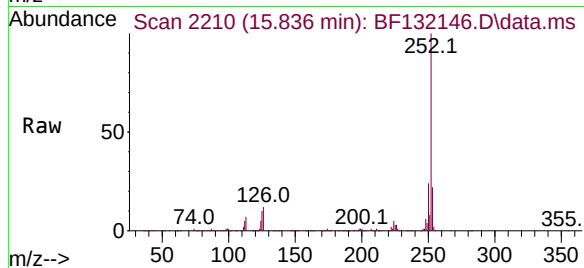
Acq: 19 Jan 2023 14:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:252 Resp: 1208530

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

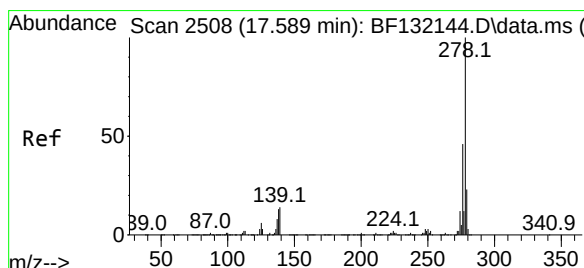
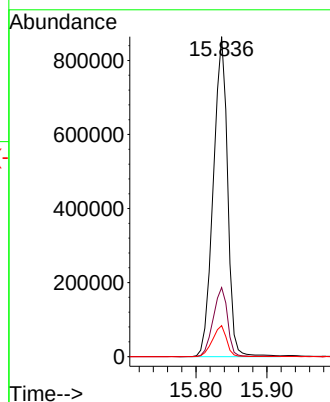
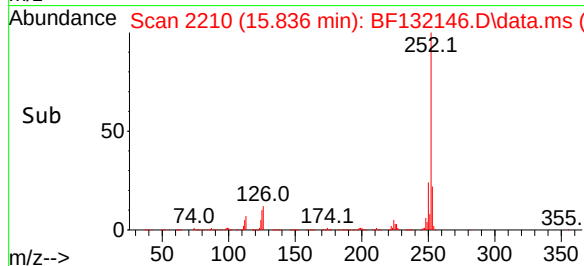
125 9.7 7.3 10.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#91

Dibenzo(a,h)anthracene

Concen: 67.060 ng

RT: 17.595 min Scan# 2509

Delta R.T. 0.006 min

Lab File: BF132146.D

Acq: 19 Jan 2023 14:38

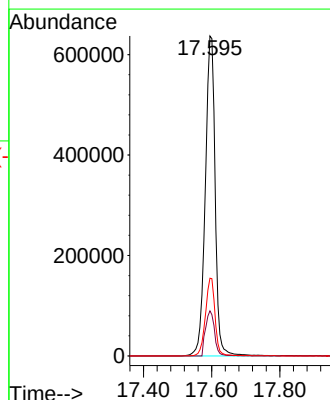
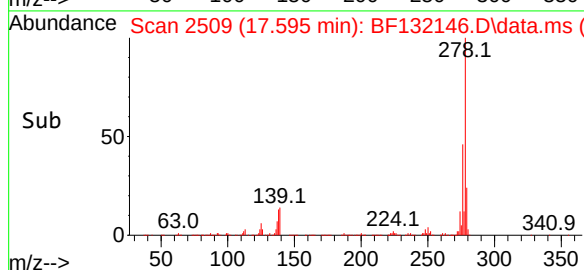
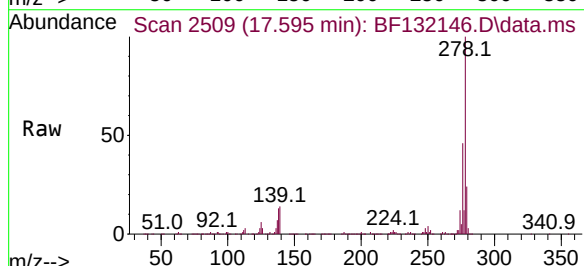
Tgt Ion:278 Resp: 1286113

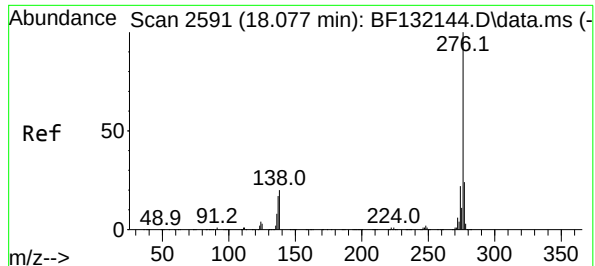
Ion Ratio Lower Upper

278 100

139 14.1 11.4 17.2

279 24.3 18.6 28.0





#92

Benzo(g,h,i)perylene

Concen: 68.510 ng

RT: 18.089 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF132146.D

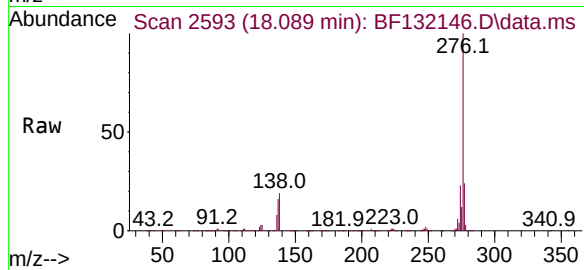
Acq: 19 Jan 2023 14:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:276 Resp: 1382605

Ion Ratio Lower Upper

276 100

277 24.0 18.9 28.3

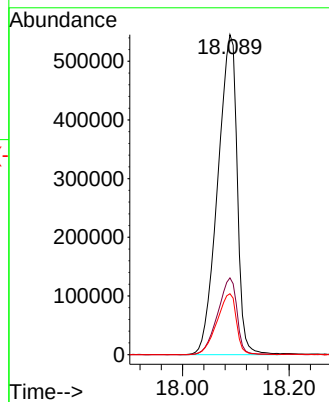
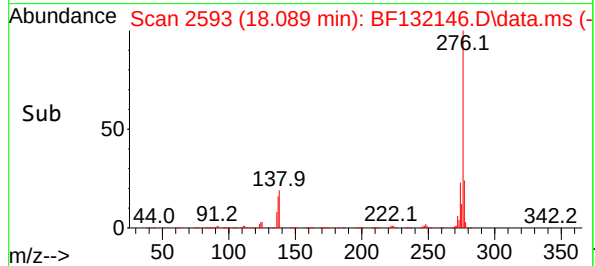
138 19.0 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011923\
 Data File : BF132147.D
 Acq On : 19 Jan 2023 15:11
 Operator : CG\JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 01/20/2023
 Supervised By : Jagrut Upadhyay 01/20/2023

Quant Time: Jan 20 00:13:30 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jan 20 00:07:35 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.096	152	168961	20.000	ng	0.00
21) Naphthalene-d8	8.384	136	540711	20.000	ng	0.00
39) Acenaphthene-d10	10.148	164	272617	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	471595	20.000	ng	0.00
76) Chrysene-d12	14.307	240	273781	20.000	ng	0.00
86) Perylene-d12	15.907	264	342038	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.713	112	1363259	140.947	ng	0.00
7) Phenol-d6	6.713	99	1695017	139.216	ng	0.01
23) Nitrobenzene-d5	7.666	82	1647214	161.833	ng	0.01
42) 2,4,6-Tribromophenol	10.942	330	461956	158.641	ng	0.00
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	13.242	244	2205569	134.946	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.037	88	373432	76.209	ng	99
3) Pyridine	3.796	79	1000583	76.065	ng	99
4) n-Nitrosodimethylamine	3.772	42	501503	81.065	ng	96
6) Aniline	6.766	93	1255287m	74.138	ng	
8) 2-Chlorophenol	6.884	128	698627	68.717	ng	95
10) Phenol	6.731	94	880657	69.479	ng	98
11) bis(2-Chloroethyl)ether	6.831	93	764597	71.257	ng	99
12) 1,3-Dichlorobenzene	7.037	146	793257	69.800	ng	98
13) 1,4-Dichlorobenzene	7.113	146	786058	69.316	ng	98
14) 1,2-Dichlorobenzene	7.272	146	685248	65.350	ng	98
15) Benzyl Alcohol	7.231	79	716458m	75.895	ng	
16) 2,2'-oxybis(1-Chloropr...	7.366	45	1092829	70.075	ng	98
17) 2-Methylphenol	7.331	107	645724	72.498	ng	98
18) Hexachloroethane	7.613	117	303340	74.517	ng	91
19) n-Nitroso-di-n-propyla...	7.513	70	524239	70.293	ng	97
20) 3+4-Methylphenols	7.495	107	756246	67.382	ng	# 87
22) Acetophenone	7.507	105	907280	69.811	ng	96
24) Nitrobenzene	7.684	77	846567	78.554	ng	98
25) Isophorone	7.919	82	1606965	80.689	ng	99
27) 2,4-Dimethylphenol	8.025	122	649440	75.362	ng	97
28) bis(2-Chloroethoxy)met...	8.125	93	878164	73.492	ng	99
29) 2,4-Dichlorophenol	8.237	162	639612	78.180	ng	98
30) 1,2,4-Trichlorobenzene	8.319	180	684460	73.657	ng	98
31) Naphthalene	8.407	128	1961170	70.623	ng	99
32) Benzoic acid	8.154	122	507604	100.343	ng	92
33) 4-Chloroaniline	8.448	127	844274	71.044	ng	99
34) Hexachlorobutadiene	8.519	225	475647	76.195	ng	99
35) Caprolactam	8.842	113	192010	82.915	ng	98
36) 4-Chloro-3-methylphenol	8.919	107	645563	78.410	ng	95
37) 2-Methylnaphthalene	9.095	142	1338305	69.998	ng	100
38) 1-Methylnaphthalene	9.201	142	1248378	70.174	ng	98
40) 1,2,4,5-Tetrachloroben...	9.260	216	690929	72.843	ng	99
41) Hexachlorocyclopentadiene	9.248	237	467005	90.225	ng	98
43) 2,4,6-Trichlorophenol	9.366	196	475486	80.773	ng	98
44) 2,4,5-Trichlorophenol	9.407	196	549090	79.755	ng	97
46) 1,1'-Biphenyl	9.566	154	1513966	70.392	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011923\
 Data File : BF132147.D
 Acq On : 19 Jan 2023 15:11
 Operator : CG\JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/20/2023
 Supervised By : Jagrut Upadhyay 01/20/2023

Quant Time: Jan 20 00:13:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:07:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	9.595	162	1209948	72.774	ng	98
48) 2-Nitroaniline	9.684	65	430334	89.897	ng	97
49) Acenaphthylene	10.013	152	1930720	72.591	ng	99
50) Dimethylphthalate	9.866	163	1459554	73.922	ng	99
51) 2,6-Dinitrotoluene	9.925	165	322657	84.311	ng	88
52) Acenaphthene	10.184	154	1166439	72.911	ng	99
53) 3-Nitroaniline	10.101	138	317239	77.533	ng	95
55) Dibenzofuran	10.354	168	1738505	70.318	ng	93
56) 4-Nitrophenol	10.236	139	254033	85.308	ng	86
57) 2,4-Dinitrotoluene	10.331	165	399599	86.988	ng	93
58) Fluorene	10.701	166	1251479	68.314	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.466	232	416329	79.496	ng	99
60) Diethylphthalate	10.566	149	1413313	72.993	ng	99
61) 4-Chlorophenyl-phenyle...	10.689	204	681650	69.487	ng	99
62) 4-Nitroaniline	10.719	138	300676	78.932	ng	96
63) Azobenzene	10.848	77	1382602	71.149	ng	95
65) 4,6-Dinitro-2-methylph...	10.742	198	206528	101.009	ng	92
66) n-Nitrosodiphenylamine	10.807	169	1134402	75.109	ng	100
67) 4-Bromophenyl-phenylether	11.184	248	445768	77.548	ng	97
68) Hexachlorobenzene	11.248	284	447376	78.309	ng	# 91
69) Atrazine	11.331	200	358442	76.921	ng	100
70) Pentachlorophenol	11.442	266	325031	88.535	ng	99
71) Phenanthrene	11.672	178	1770533	71.541	ng	99
72) Anthracene	11.725	178	1803269	72.024	ng	100
73) Carbazole	11.878	167	1523393	71.232	ng	99
74) Di-n-butylphthalate	12.195	149	1802008	75.690	ng	99
75) Fluoranthene	12.872	202	1789458	70.391	ng	99
77) Benzidine	12.983	184	571079	69.473	ng	97
78) Pyrene	13.101	202	1802135	71.423	ng	99
80) Butylbenzylphthalate	13.713	149	670333	91.677	ng	91
81) Benzo(a)anthracene	14.295	228	1540103	78.742	ng	99
82) 3,3'-Dichlorobenzidine	14.254	252	471070	86.482	ng	# 99
83) Chrysene	14.336	228	1451007	77.939	ng	98
84) Bis(2-ethylhexyl)phtha...	14.266	149	908932	94.139	ng	99
85) Di-n-octyl phthalate	14.913	149	1582333	106.755	ng	100
87) Indeno(1,2,3-cd)pyrene	17.583	276	2206787	88.906	ng	99
88) Benzo(b)fluoranthene	15.430	252	1660771	79.747	ng	98
89) Benzo(k)fluoranthene	15.466	252	1609871	75.797	ng	100
90) Benzo(a)pyrene	15.842	252	1657701	82.747	ng	99
91) Dibenzo(a,h)anthracene	17.613	278	1735171	85.719	ng	98
92) Benzo(g,h,i)perylene	18.107	276	1894782	88.954	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

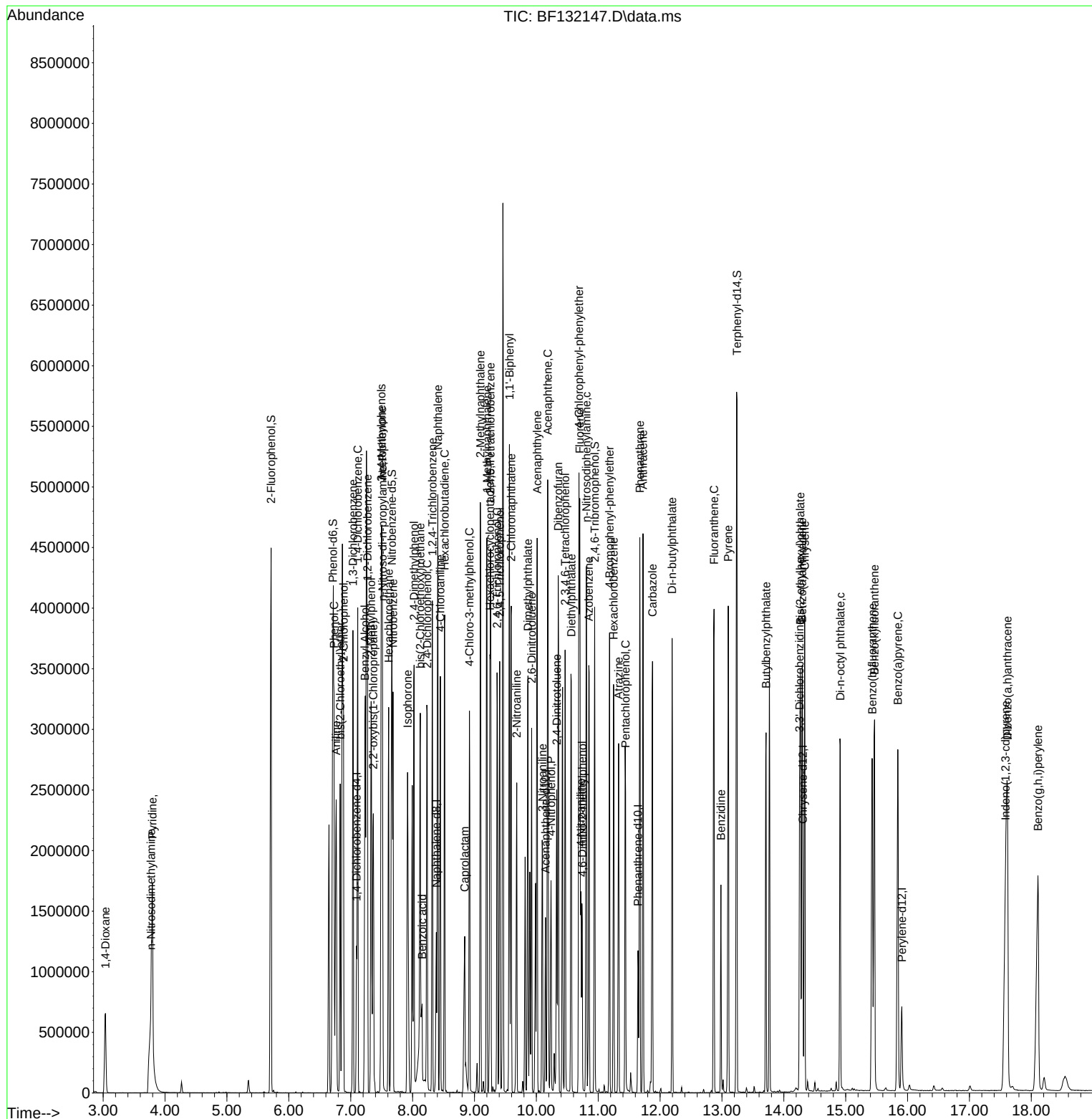
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011923\
Data File : BF132147.D
Acq On : 19 Jan 2023 15:11
Operator : CG\JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

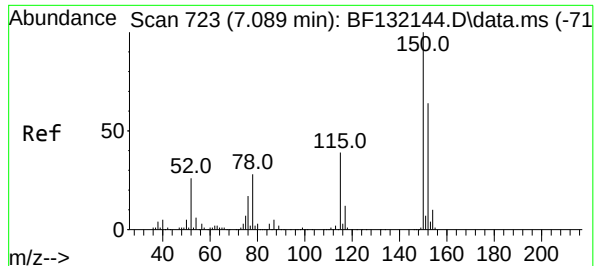
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Jan 20 00:13:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 20 00:07:35 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

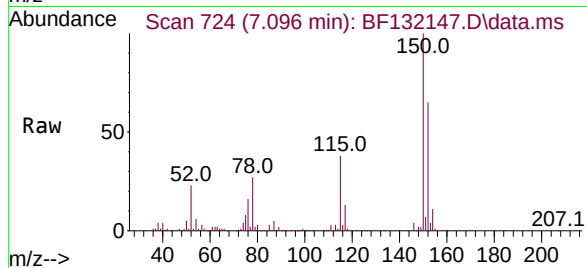
Reviewed By : Christian Giraldo 01/20/2023
Supervised By : Jagrut Upadhyay 01/20/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.096 min Scan# 71
Delta R.T. 0.007 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

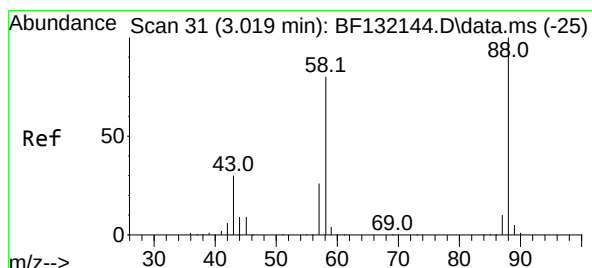
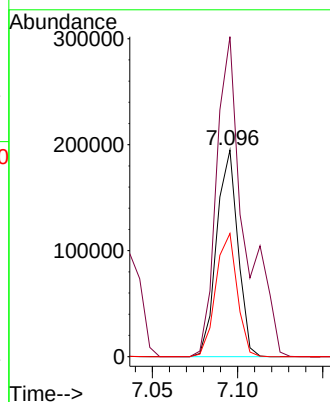
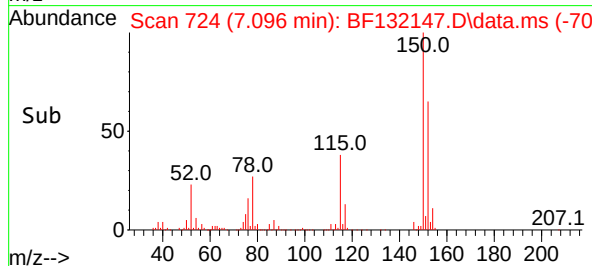
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:152 Resp: 168961
Ion Ratio Lower Upper
152 100
150 155.0 125.8 188.8
115 59.6 49.2 73.8

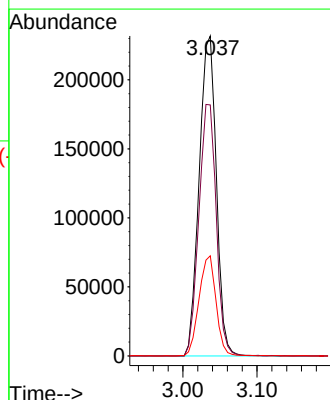
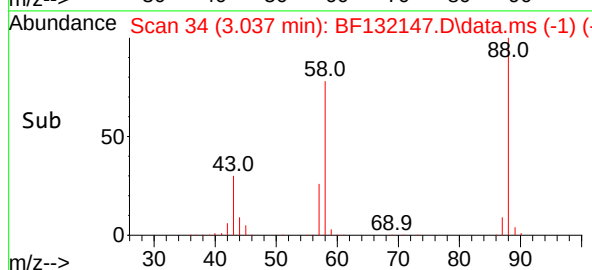
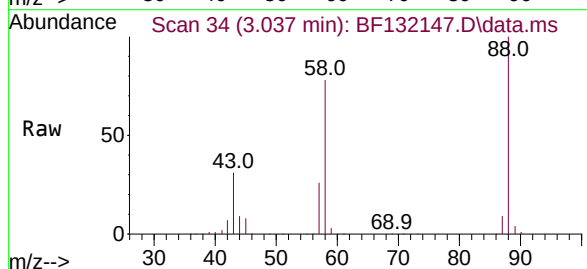
Manual Integrations
APPROVED

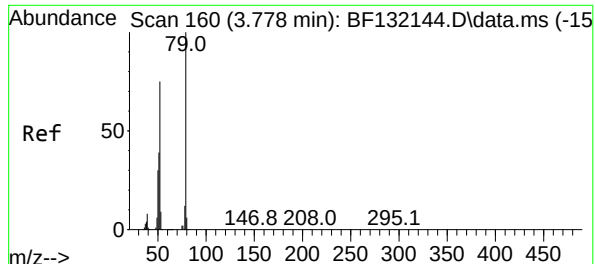
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#2
1,4-Dioxane
Concen: 76.209 ng
RT: 3.037 min Scan# 34
Delta R.T. 0.018 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

Tgt Ion: 88 Resp: 373432
Ion Ratio Lower Upper
88 100
58 79.4 64.0 96.0
43 30.9 24.2 36.4





#3

Pyridine

Concen: 76.065 ng

RT: 3.796 min Scan# 10

Delta R.T. 0.018 min

Lab File: BF132147.D

Acq: 19 Jan 2023 15:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 79 Resp: 1000583

Ion Ratio Lower Upper

79 100

52 76.3 60.1 90.1

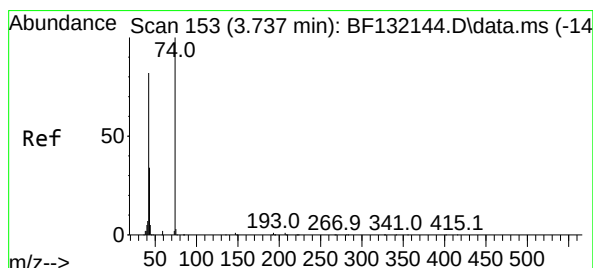
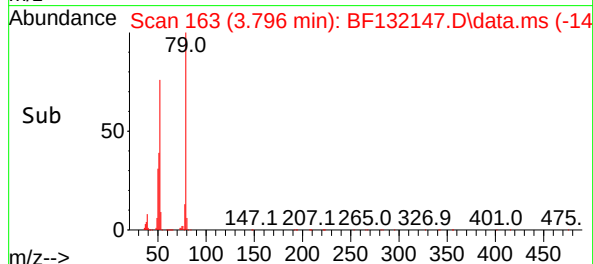
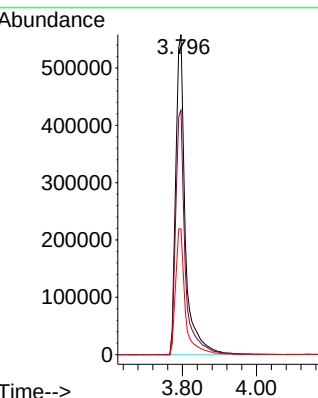
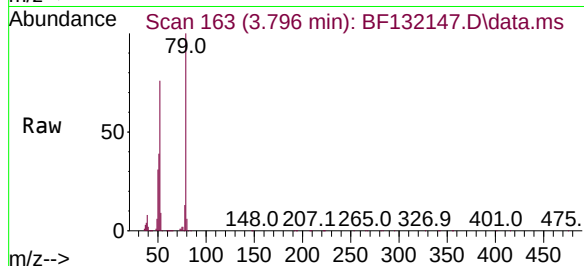
51 39.3 31.4 47.0

Manual Integrations

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#4

n-Nitrosodimethylamine

Concen: 81.065 ng

RT: 3.772 min Scan# 159

Delta R.T. 0.035 min

Lab File: BF132147.D

Acq: 19 Jan 2023 15:11

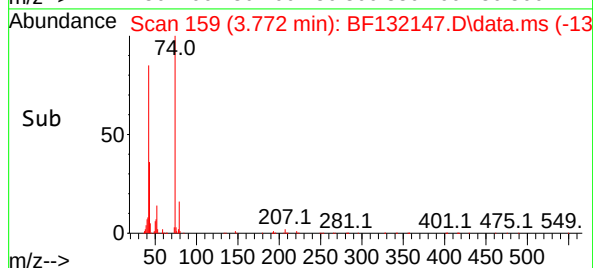
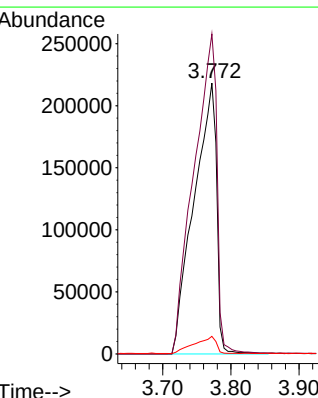
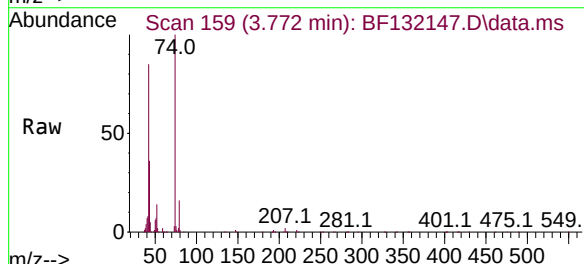
Tgt Ion: 42 Resp: 501503

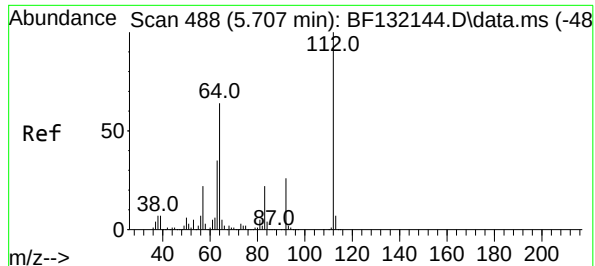
Ion Ratio Lower Upper

42 100

74 118.1 98.1 147.1

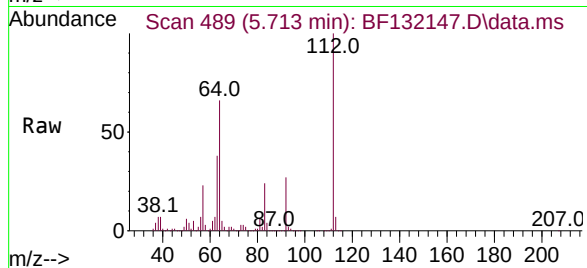
44 6.5 5.2 7.8





#5
2-Fluorophenol
Concen: 140.947 ng
RT: 5.713 min Scan# 488
Delta R.T. 0.006 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

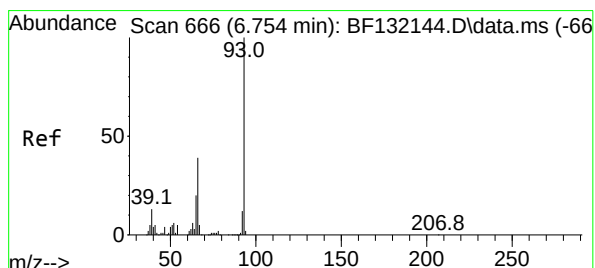
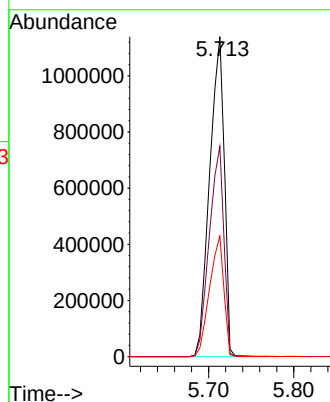
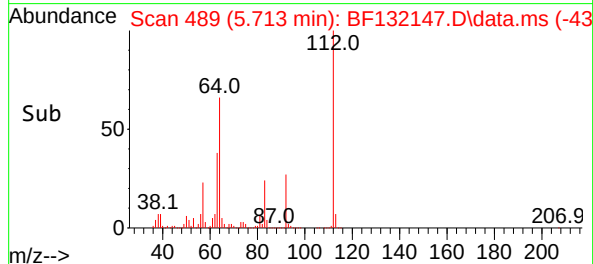
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 112 Resp: 1363259
Ion Ratio Lower Upper
112 100
64 65.7 51.4 77.0
63 37.7 28.2 42.2

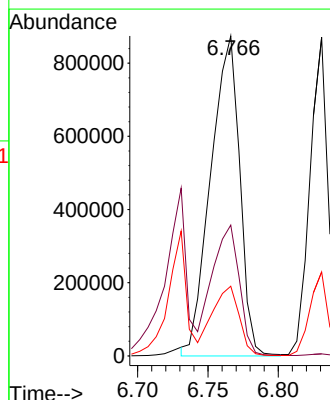
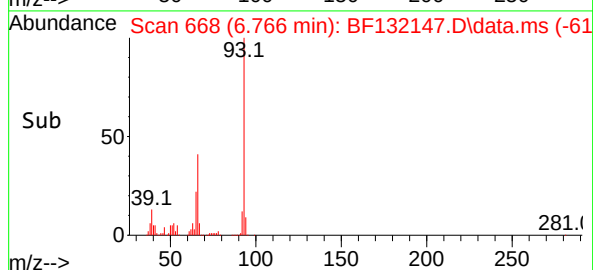
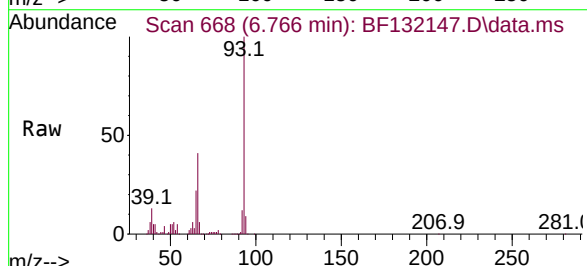
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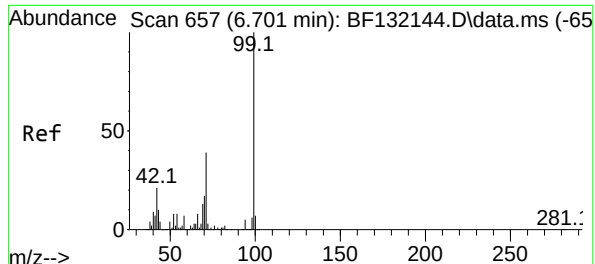
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#6
Aniline
Concen: 74.138 ng m
RT: 6.766 min Scan# 668
Delta R.T. 0.012 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

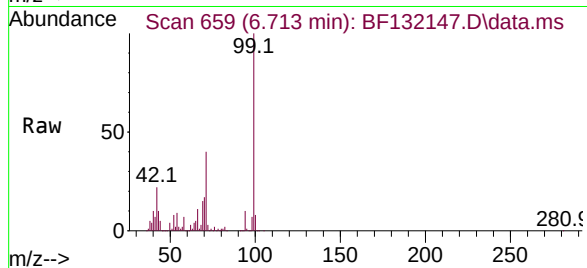
Tgt Ion: 93 Resp: 1255287
Ion Ratio Lower Upper
93 100
66 40.9 33.0 49.6
65 21.8 16.8 25.2





#7
Phenol-d6
Concen: 139.216 ng
RT: 6.713 min Scan# 657
Delta R.T. 0.012 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

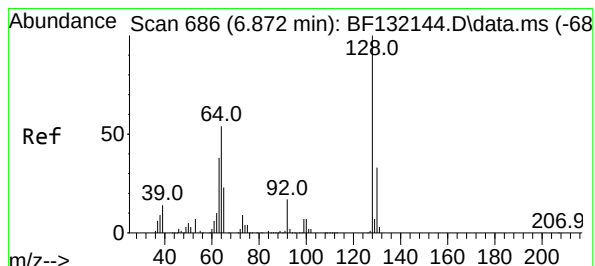
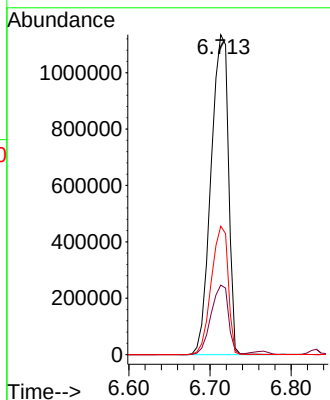
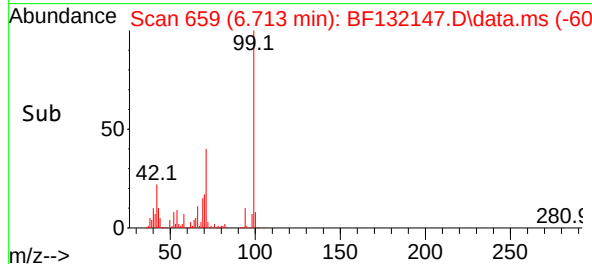
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



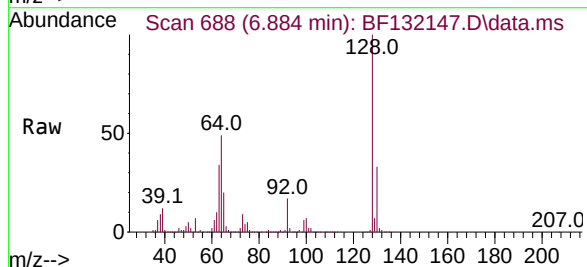
Tgt Ion: 99 Resp: 1695017
Ion Ratio Lower Upper
99 100
42 21.7 16.6 24.8
71 40.1 30.8 46.2

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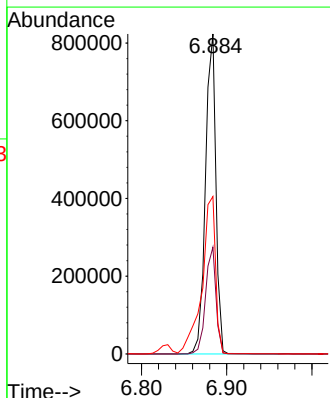
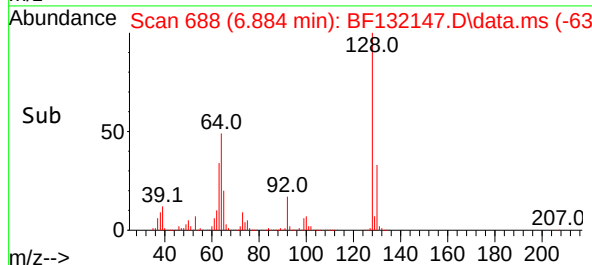
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

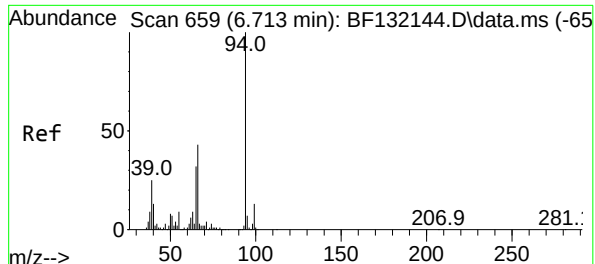


#8
2-Chlorophenol
Concen: 68.717 ng
RT: 6.884 min Scan# 688
Delta R.T. 0.012 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11



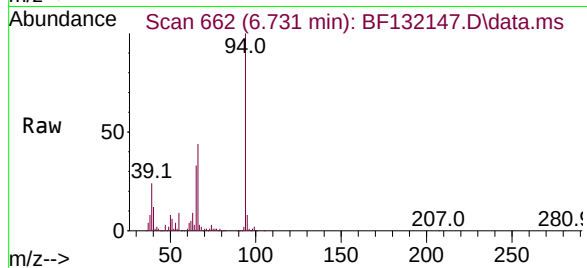
Tgt Ion:128 Resp: 698627
Ion Ratio Lower Upper
128 100
130 33.3 12.8 52.8
64 49.2 34.8 74.8





#10
Phenol
Concen: 69.479 ng
RT: 6.731 min Scan# 60
Delta R.T. 0.018 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

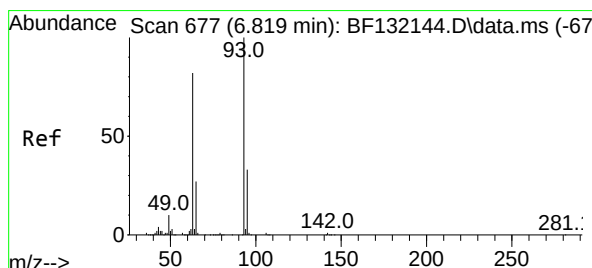
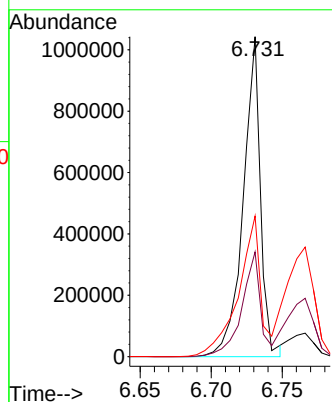
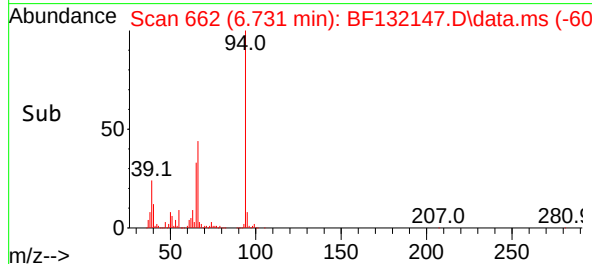
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 94 Resp: 880652
Ion Ratio Lower Upper
94 100
65 32.7 12.0 52.0
66 43.9 22.7 62.7

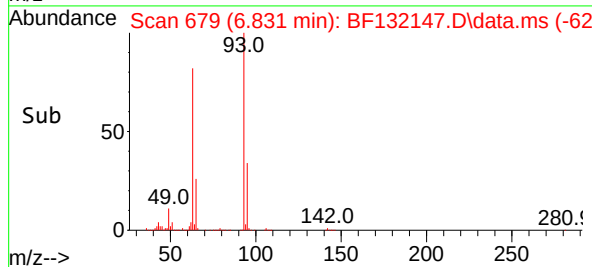
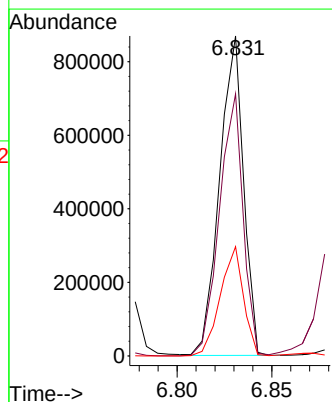
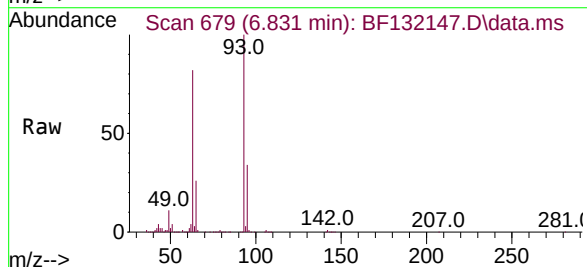
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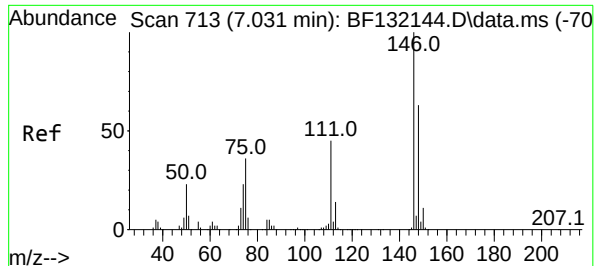
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#11
bis(2-Chloroethyl)ether
Concen: 71.257 ng
RT: 6.831 min Scan# 679
Delta R.T. 0.012 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

Tgt Ion: 93 Resp: 764597
Ion Ratio Lower Upper
93 100
63 81.9 61.6 101.6
95 34.1 12.7 52.7





#12

1,3-Dichlorobenzene

Concen: 69.800 ng

RT: 7.037 min Scan# 713

Delta R.T. 0.006 min

Lab File: BF132147.D

Acq: 19 Jan 2023 15:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 79325

Ion Ratio Lower Upper

146 100

148 62.9 50.0 75.0

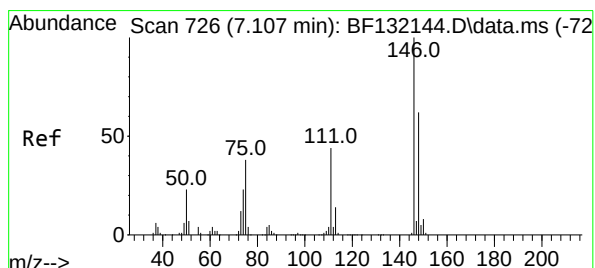
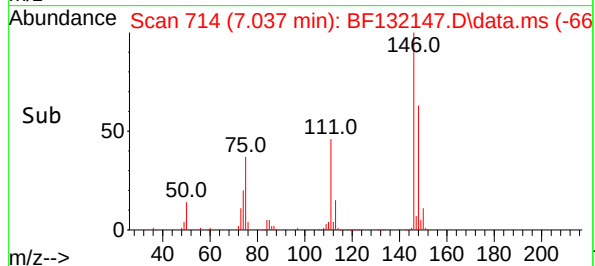
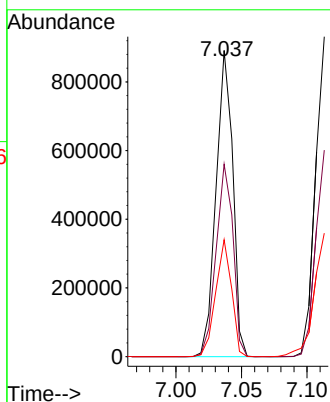
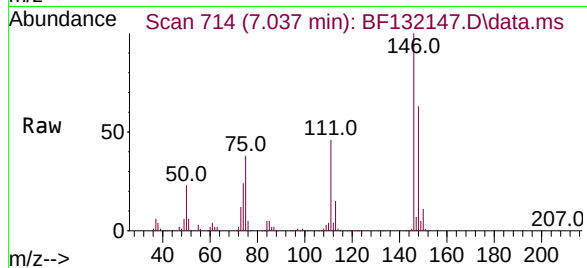
75 38.2 28.8 43.2

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#13

1,4-Dichlorobenzene

Concen: 69.316 ng

RT: 7.113 min Scan# 727

Delta R.T. 0.006 min

Lab File: BF132147.D

Acq: 19 Jan 2023 15:11

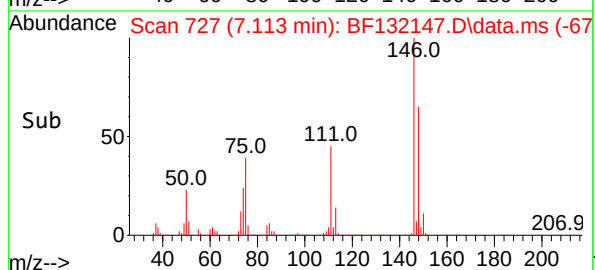
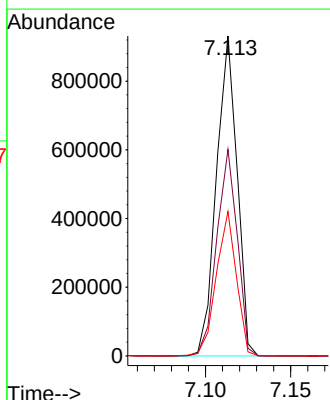
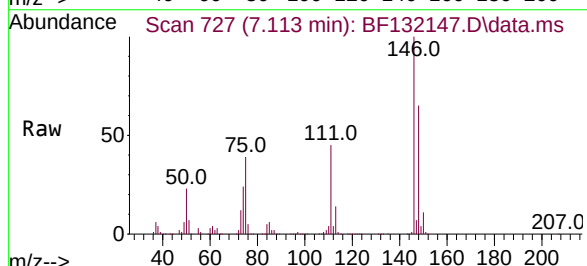
Tgt Ion:146 Resp: 786058

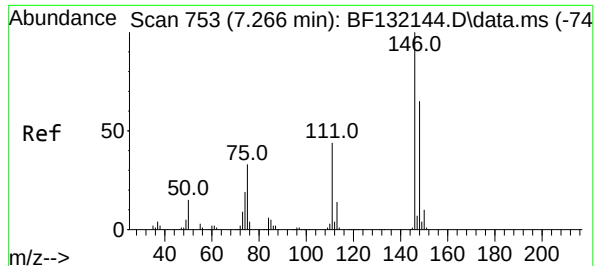
Ion Ratio Lower Upper

146 100

148 64.5 49.9 74.9

111 45.1 35.2 52.8





#14

1,2-Dichlorobenzene

Concen: 65.350 ng

RT: 7.272 min Scan# 74

Delta R.T. 0.006 min

Lab File: BF132147.D

Acq: 19 Jan 2023 15:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 685248

Ion Ratio Lower Upper

146 100

148 63.4 52.0 78.0

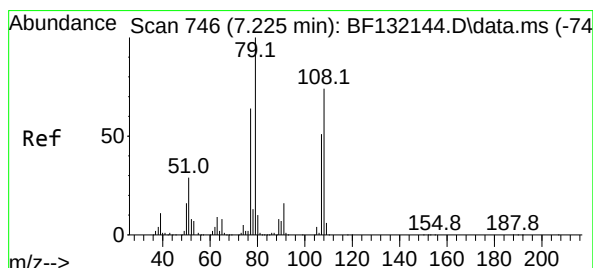
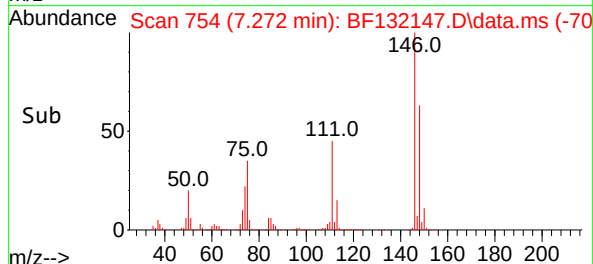
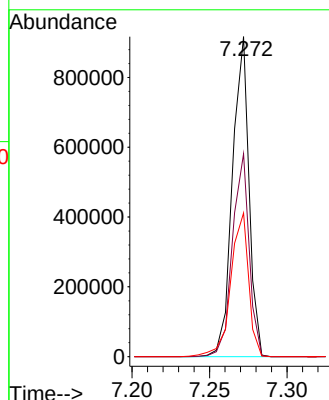
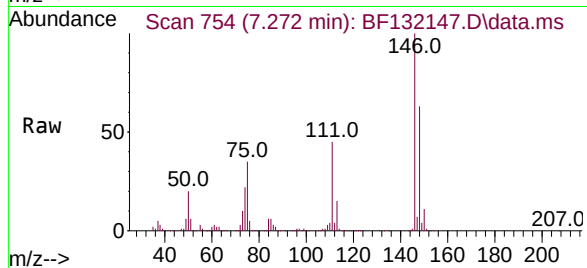
111 44.9 35.4 53.2

Manual Integrations

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#15

Benzyl Alcohol

Concen: 75.895 ng m

RT: 7.231 min Scan# 747

Delta R.T. 0.006 min

Lab File: BF132147.D

Acq: 19 Jan 2023 15:11

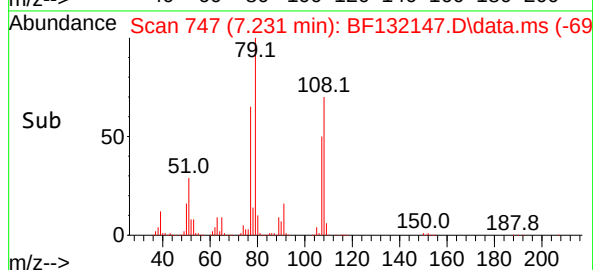
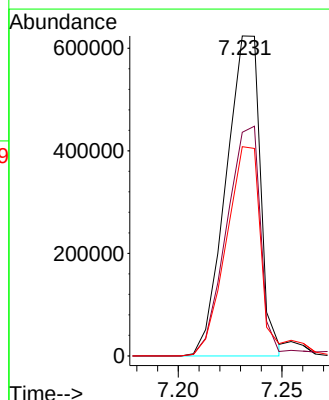
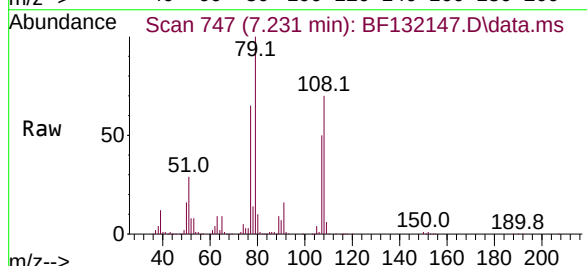
Tgt Ion: 79 Resp: 716458

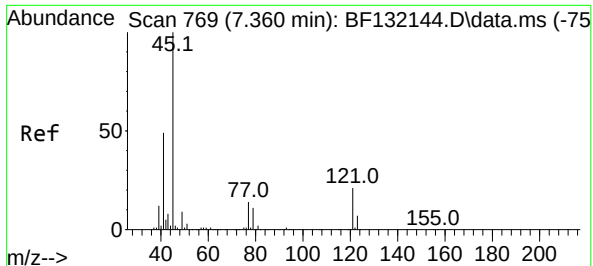
Ion Ratio Lower Upper

79 100

108 69.9 58.9 88.3

77 65.4 51.1 76.7





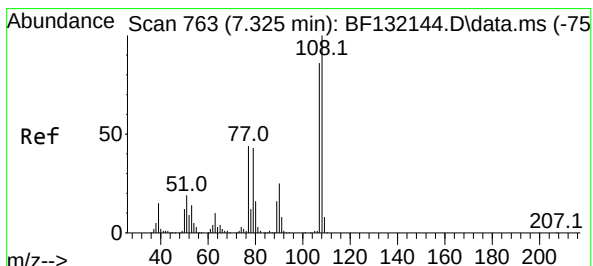
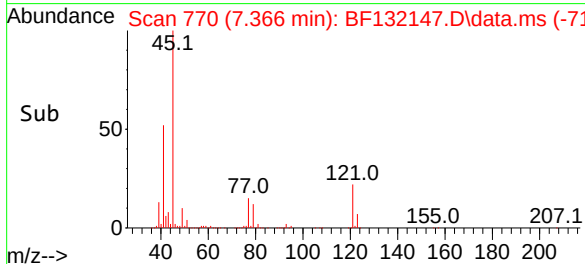
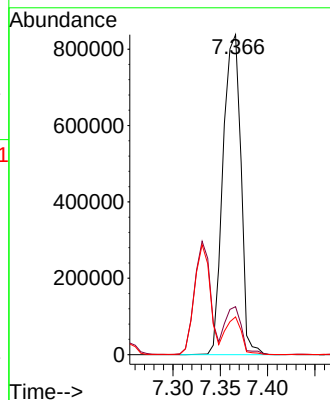
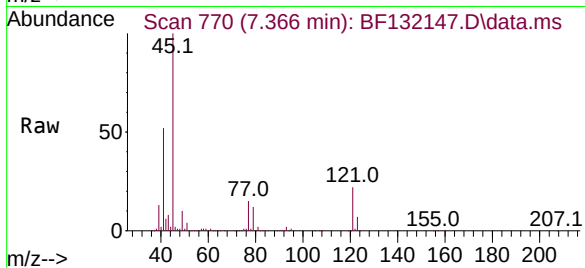
#16
2,2'-oxybis(1-Chloropropane)
Concen: 70.075 ng
RT: 7.366 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 45 Resp: 1092829
Ion Ratio Lower Upper
45 100
77 15.0 0.0 34.3
79 11.8 0.0 30.9

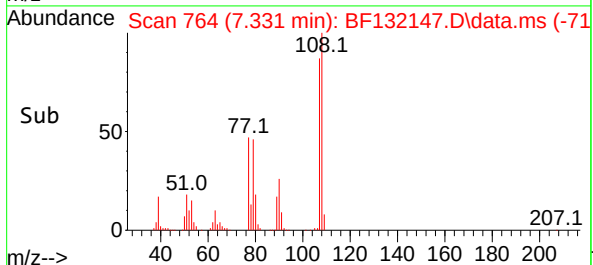
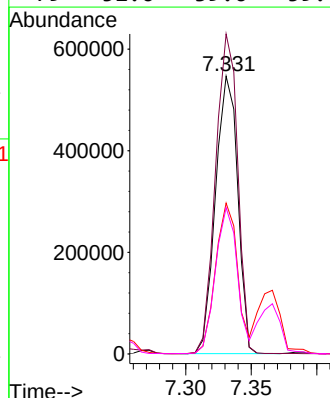
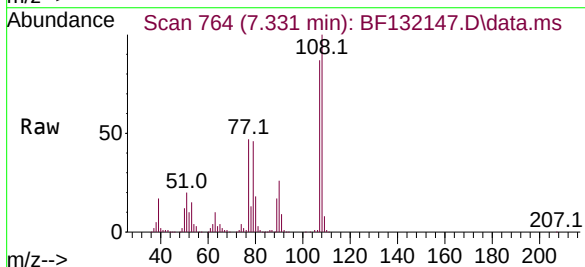
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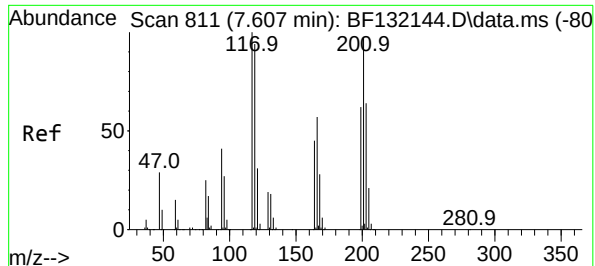
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#17
2-Methylphenol
Concen: 72.498 ng
RT: 7.331 min Scan# 764
Delta R.T. 0.006 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

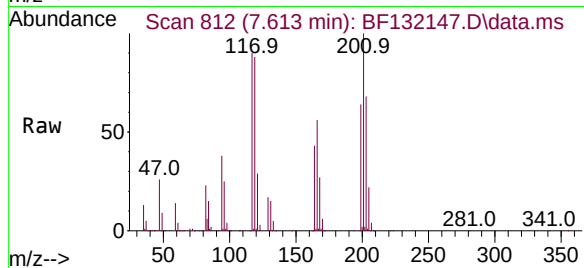
Tgt Ion:107 Resp: 645724
Ion Ratio Lower Upper
107 100
108 115.2 92.8 139.2
77 54.3 41.1 61.7
79 52.6 39.6 59.4





#18
Hexachloroethane
Concen: 74.517 ng
RT: 7.613 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

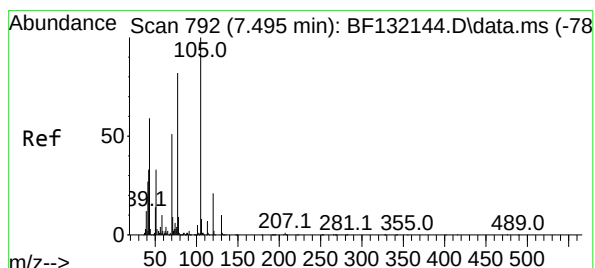
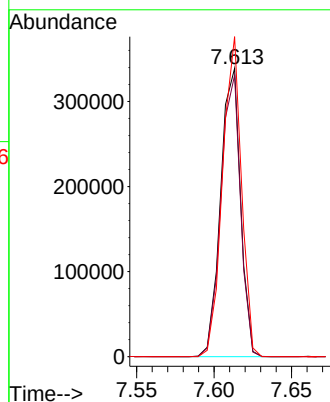
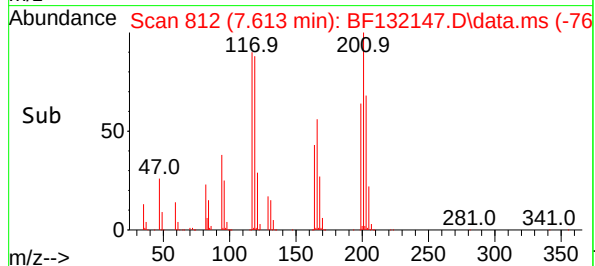
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:117 Resp: 303340
Ion Ratio Lower Upper
117 100
119 97.6 75.4 113.0
201 111.0 77.9 116.9

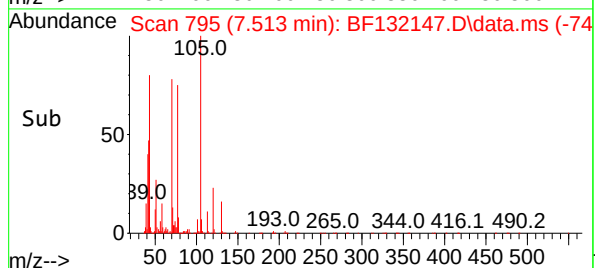
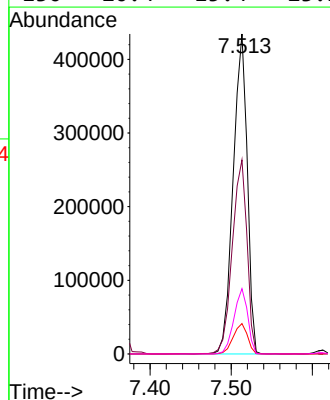
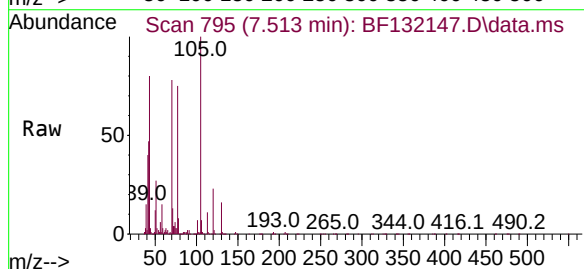
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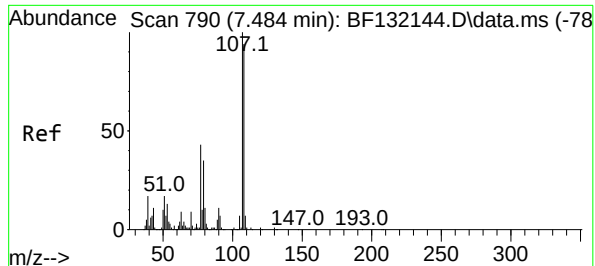
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#19
n-Nitroso-di-n-propylamine
Concen: 70.293 ng
RT: 7.513 min Scan# 795
Delta R.T. 0.018 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

Tgt Ion: 70 Resp: 524239
Ion Ratio Lower Upper
70 100
42 60.7 51.0 76.4
101 9.5 7.3 10.9
130 20.4 15.4 23.2





#20

3+4-Methylphenols

Concen: 67.382 ng

RT: 7.495 min Scan# 79

Delta R.T. 0.011 min

Lab File: BF132147.D

Acq: 19 Jan 2023 15:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:107 Resp: 756246

Ion Ratio Lower Upper

107 100

108 94.3 73.8 113.8

77 71.8 22.8 62.8

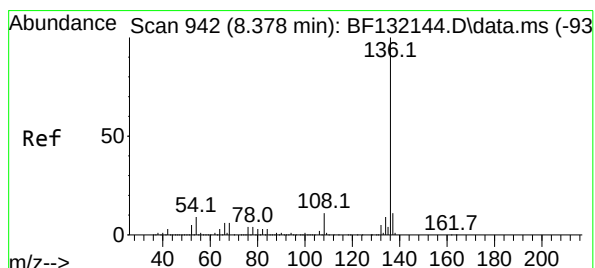
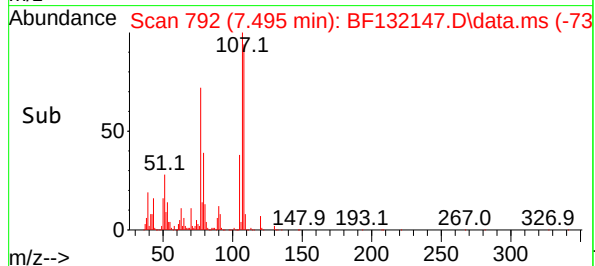
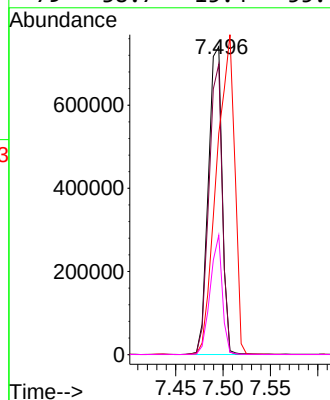
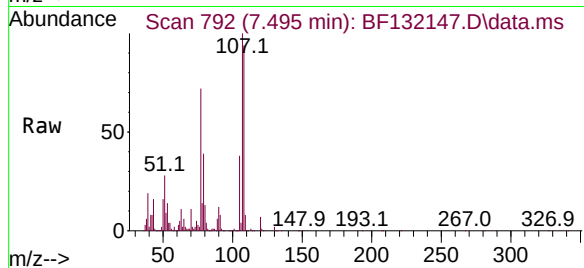
79 38.7 15.4 55.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.384 min Scan# 943

Delta R.T. 0.006 min

Lab File: BF132147.D

Acq: 19 Jan 2023 15:11

Tgt Ion:136 Resp: 540711

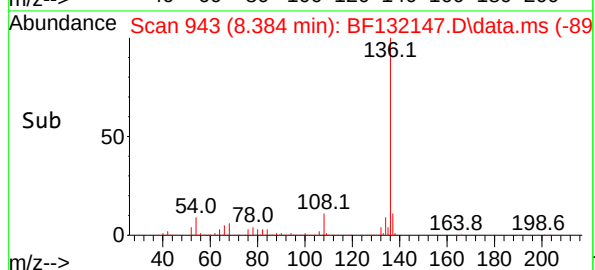
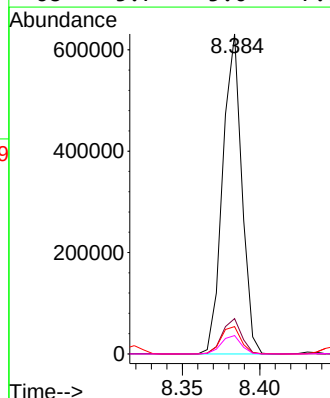
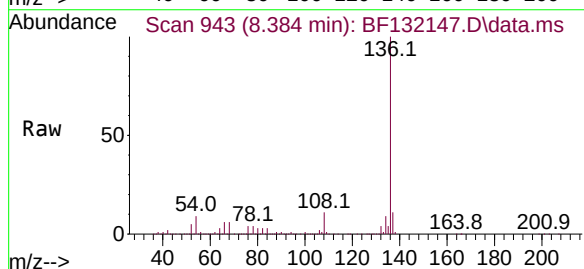
Ion Ratio Lower Upper

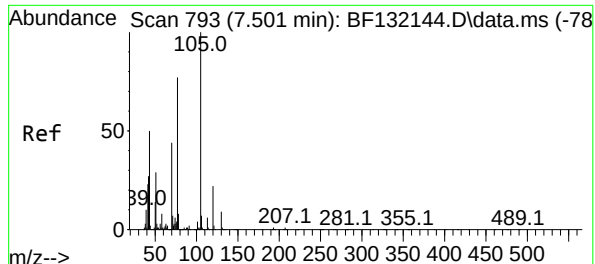
136 100

137 11.0 8.9 13.3

54 8.5 7.0 10.6

68 5.7 5.0 7.6





#22

Acetophenone

Concen: 69.811 ng

RT: 7.507 min Scan# 793

Delta R.T. 0.006 min

Lab File: BF132147.D

Acq: 19 Jan 2023 15:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:105 Resp: 907280

Ion Ratio Lower Upper

105 100

71 6.4 5.8 8.6

51 32.4 23.0 34.6

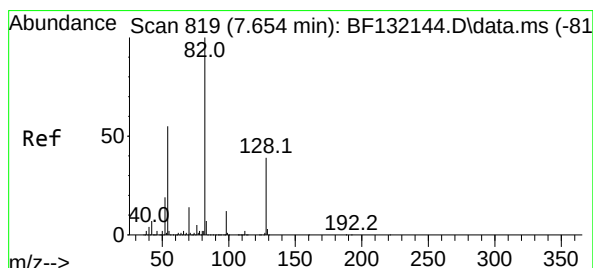
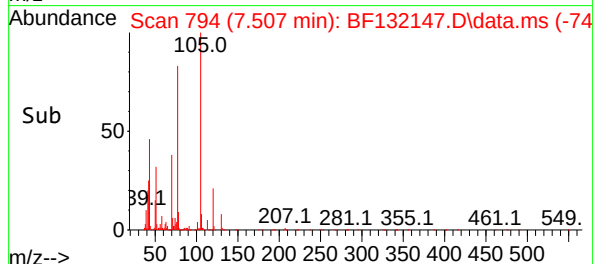
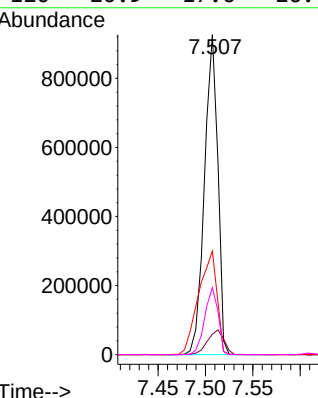
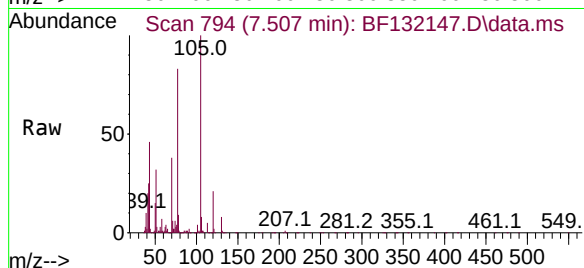
120 20.9 17.6 26.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#23

Nitrobenzene-d5

Concen: 161.833 ng

RT: 7.666 min Scan# 821

Delta R.T. 0.012 min

Lab File: BF132147.D

Acq: 19 Jan 2023 15:11

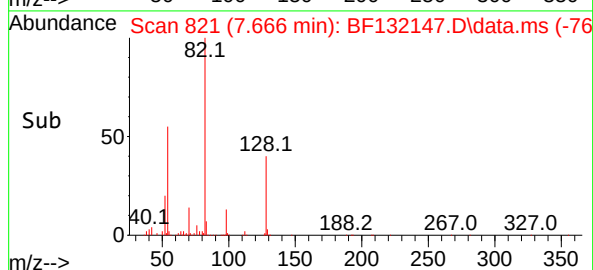
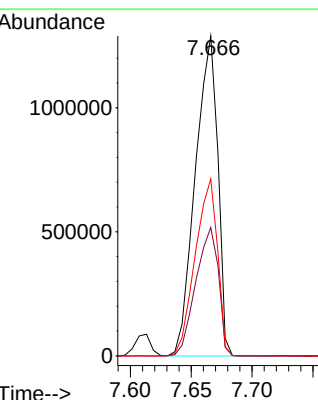
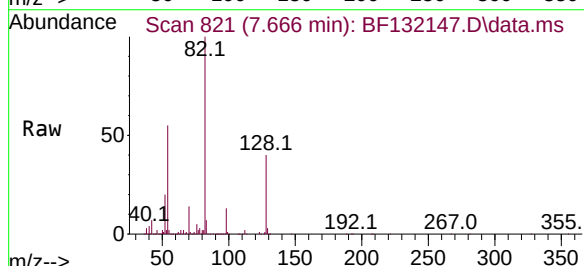
Tgt Ion: 82 Resp: 1647214

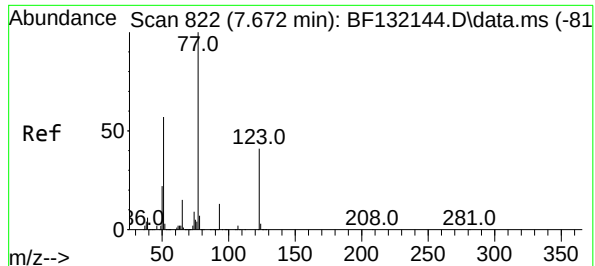
Ion Ratio Lower Upper

82 100

128 40.1 31.1 46.7

54 55.3 43.9 65.9





#24

Nitrobenzene

Concen: 78.554 ng

RT: 7.684 min Scan# 81

Delta R.T. 0.012 min

Lab File: BF132147.D

Acq: 19 Jan 2023 15:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 77 Resp: 846562

Ion Ratio Lower Upper

77 100

123 42.6 33.1 49.7

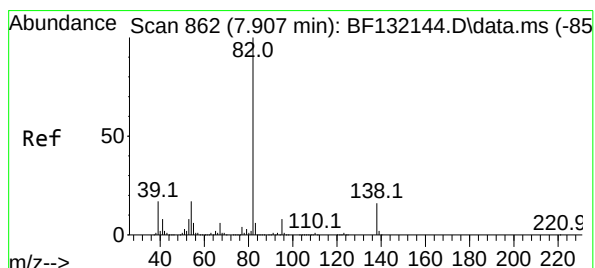
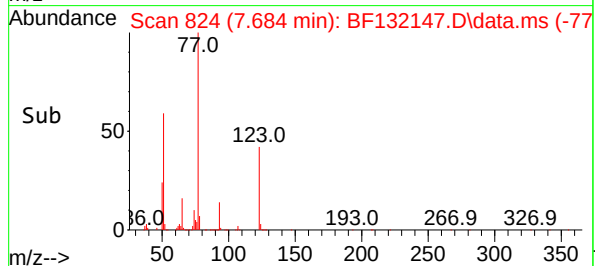
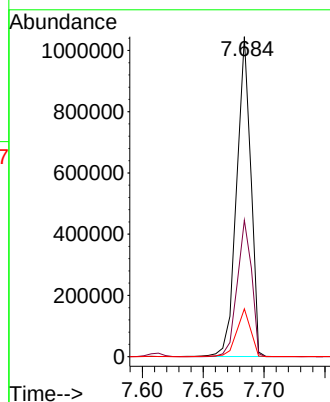
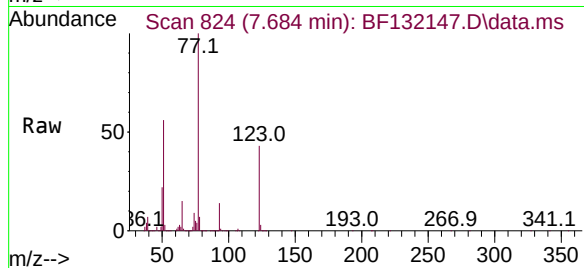
65 14.9 11.7 17.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#25

Isophorone

Concen: 80.689 ng

RT: 7.919 min Scan# 864

Delta R.T. 0.012 min

Lab File: BF132147.D

Acq: 19 Jan 2023 15:11

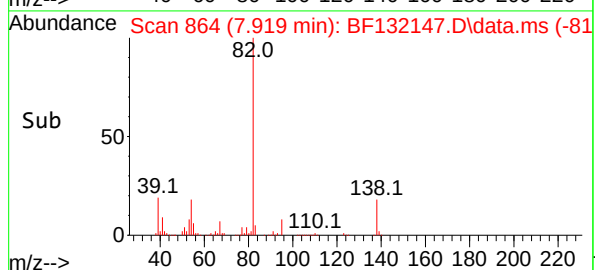
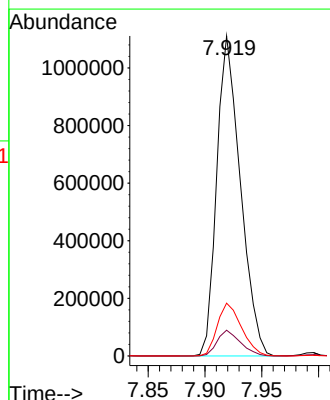
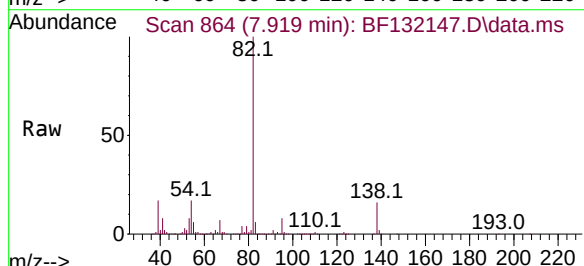
Tgt Ion: 82 Resp: 1606965

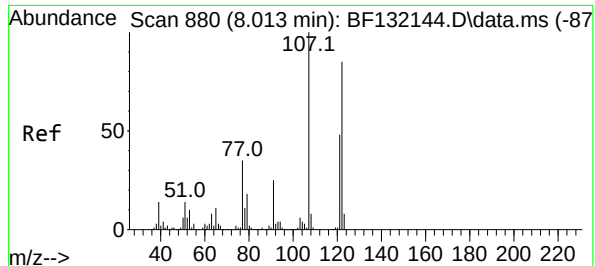
Ion Ratio Lower Upper

82 100

95 8.1 6.2 9.2

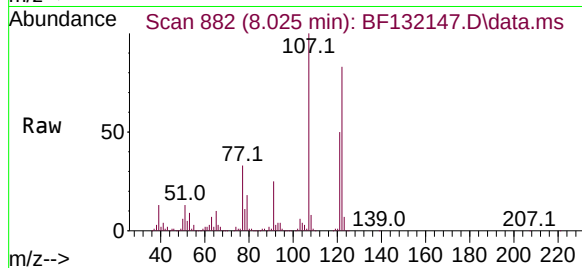
138 16.5 12.9 19.3





#27
2,4-Dimethylphenol
Concen: 75.362 ng
RT: 8.025 min Scan# 880
Delta R.T. 0.012 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

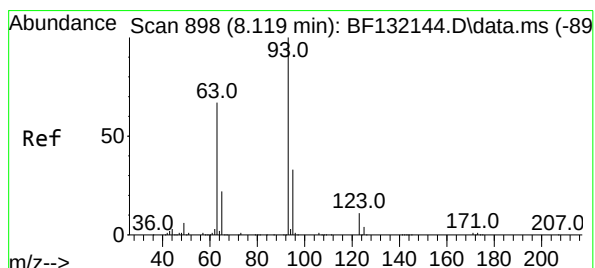
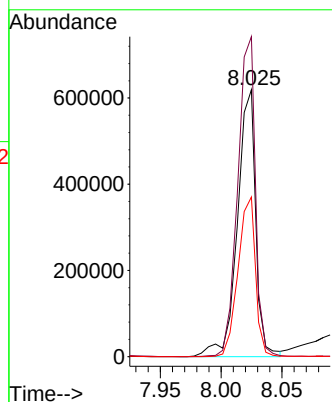
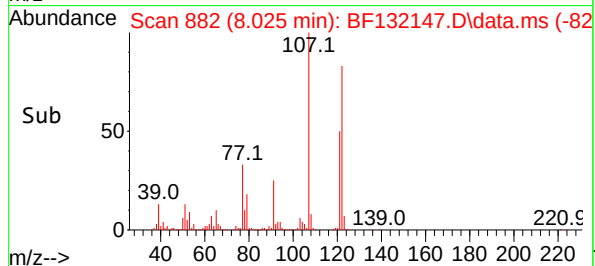
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:122 Resp: 649440
Ion Ratio Lower Upper
122 100
107 119.9 94.2 141.4
121 59.8 45.6 68.4

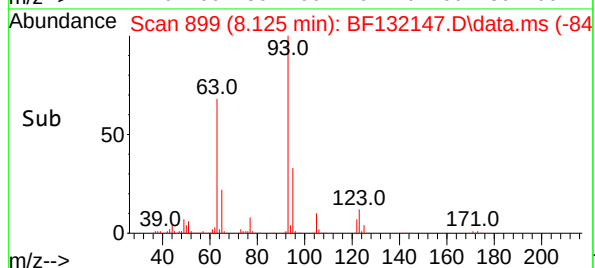
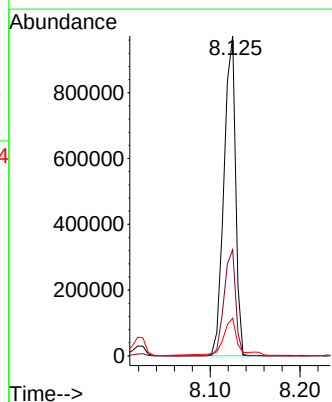
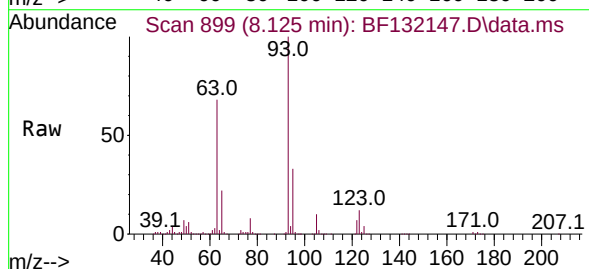
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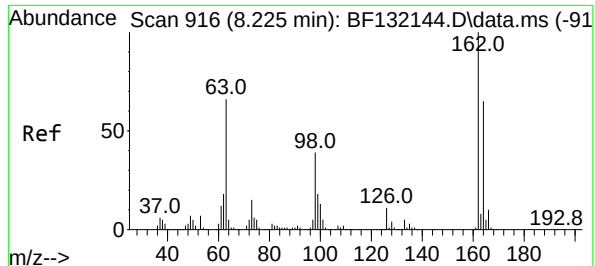
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#28
bis(2-Chloroethoxy)methane
Concen: 73.492 ng
RT: 8.125 min Scan# 899
Delta R.T. 0.006 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

Tgt Ion: 93 Resp: 878164
Ion Ratio Lower Upper
93 100
95 33.2 26.2 39.2
123 11.8 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 78.180 ng

RT: 8.237 min Scan# 916

Delta R.T. 0.012 min

Lab File: BF132147.D

Acq: 19 Jan 2023 15:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:162 Resp: 639612

Ion Ratio Lower Upper

162 100

164 65.4 44.7 84.7

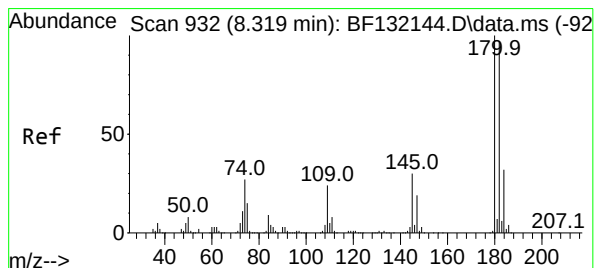
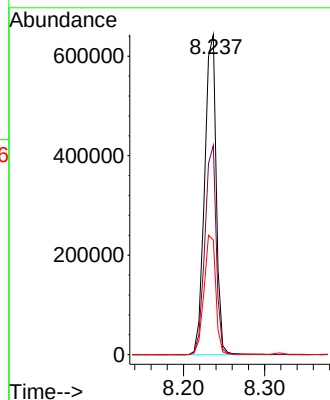
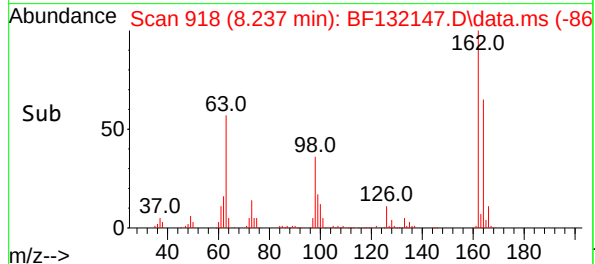
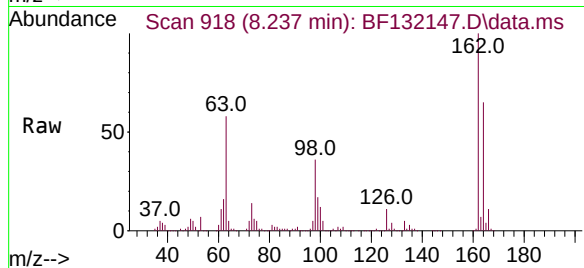
98 35.8 18.8 58.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#30

1,2,4-Trichlorobenzene

Concen: 73.657 ng

RT: 8.319 min Scan# 932

Delta R.T. 0.000 min

Lab File: BF132147.D

Acq: 19 Jan 2023 15:11

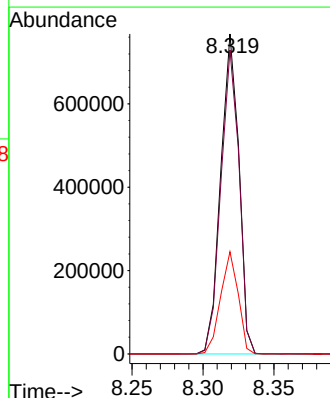
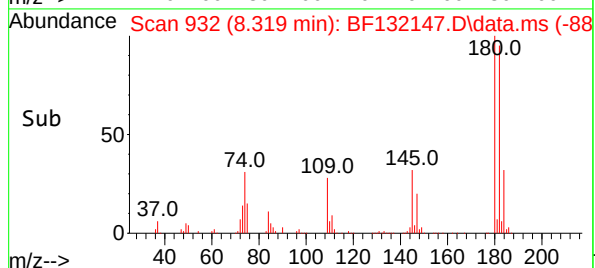
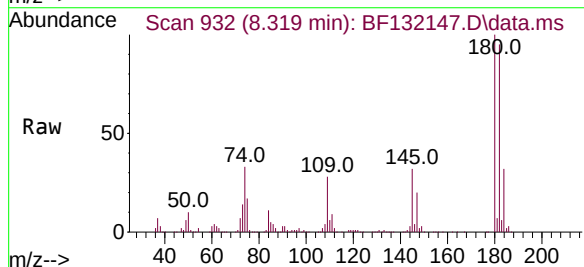
Tgt Ion:180 Resp: 684460

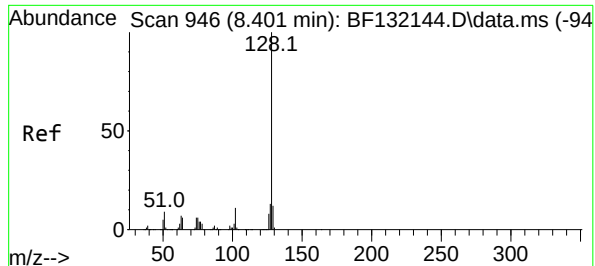
Ion Ratio Lower Upper

180 100

182 95.0 77.4 116.0

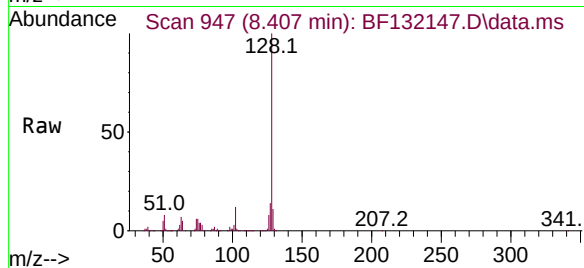
145 31.9 23.8 35.6





#31
Naphthalene
Concen: 70.623 ng
RT: 8.407 min Scan# 94
Delta R.T. 0.006 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

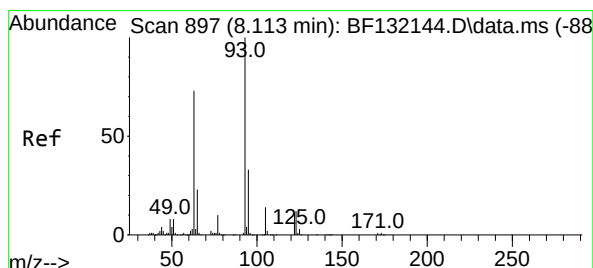
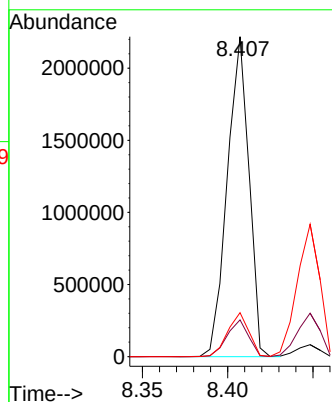
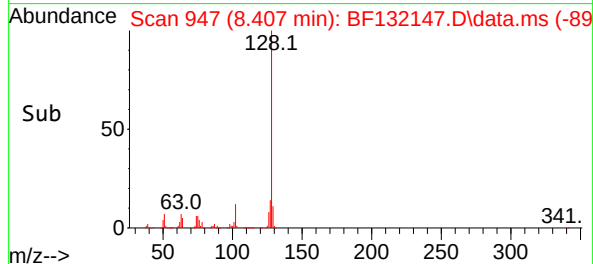
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:128 Resp: 1961170
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 13.7 10.6 15.8

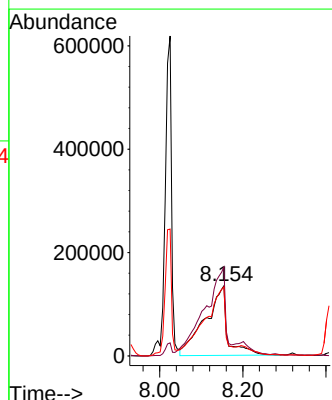
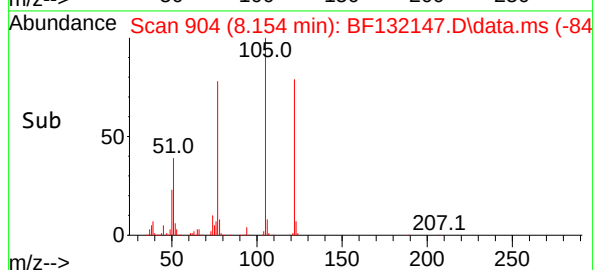
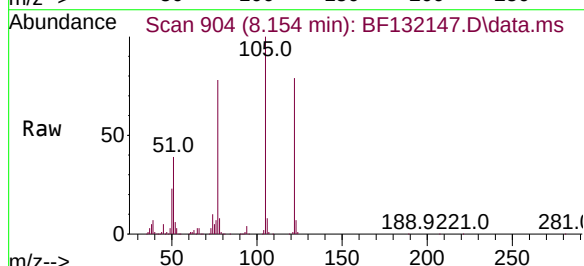
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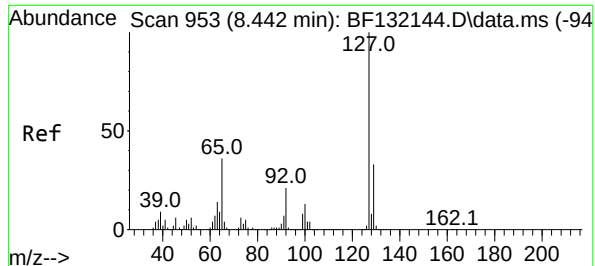
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#32
Benzoic acid
Concen: 100.343 ng
RT: 8.154 min Scan# 904
Delta R.T. 0.041 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

Tgt Ion:122 Resp: 507604
Ion Ratio Lower Upper
122 100
105 126.7 96.8 136.8
77 98.5 72.5 112.5





#33
4-Chloroaniline
Concen: 71.044 ng
RT: 8.448 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

Instrument :

BNA_F

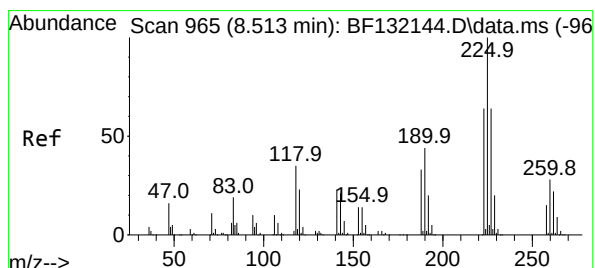
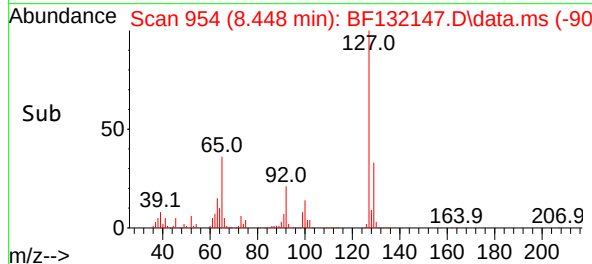
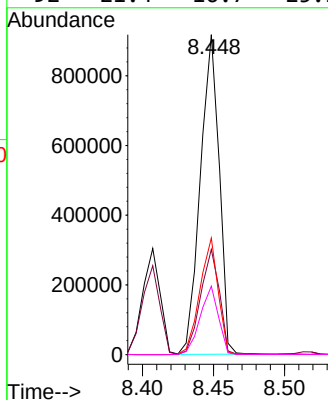
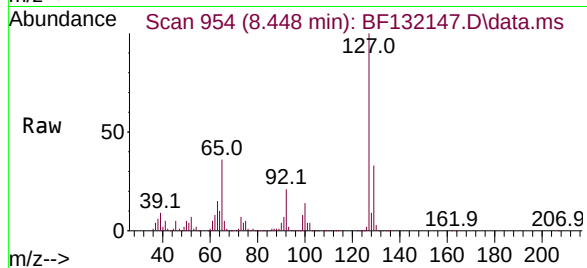
ClientSampleId :

SSTDICC080

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.0	39.0
65	36.4	28.4	42.6
92	21.4	16.7	25.1

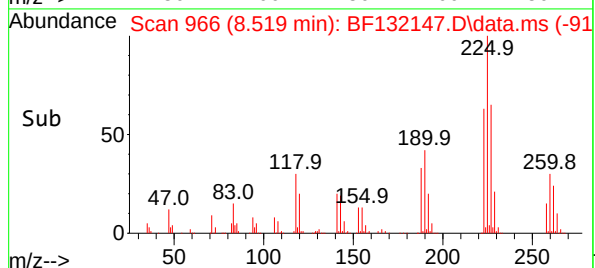
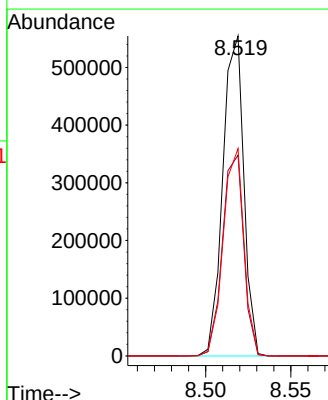
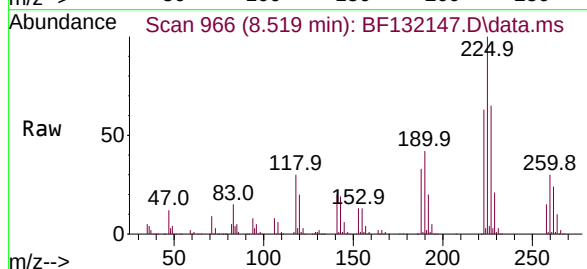
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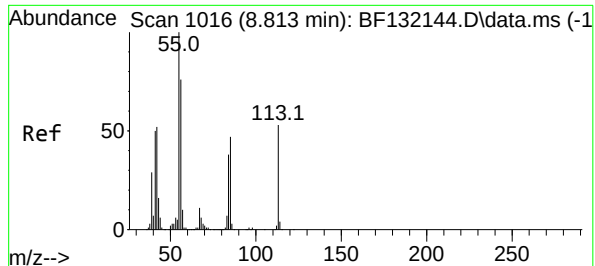
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#34
Hexachlorobutadiene
Concen: 76.195 ng
RT: 8.519 min Scan# 966
Delta R.T. 0.006 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

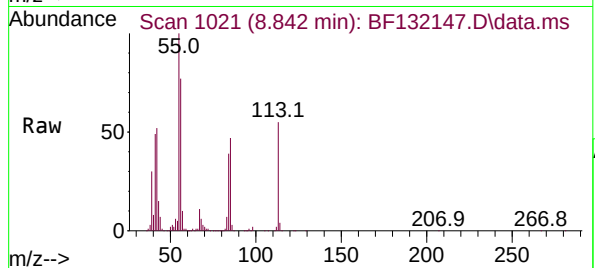
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.9	76.3
227	64.8	50.8	76.2





#35
Caprolactam
Concen: 82.915 ng
RT: 8.842 min Scan# 1016
Delta R.T. 0.030 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

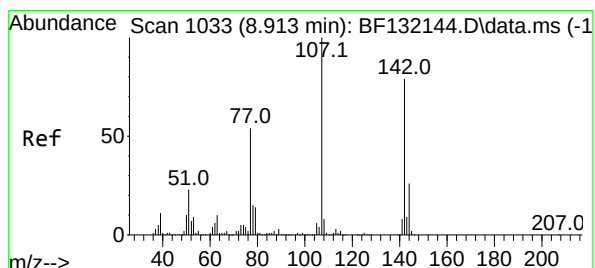
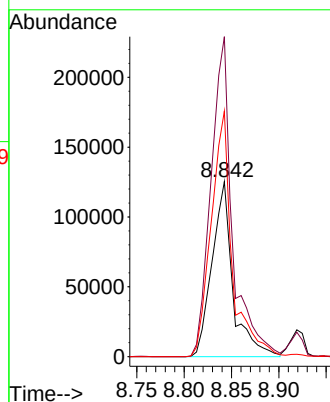
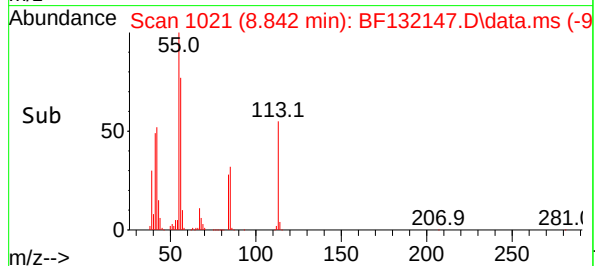
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:113 Resp: 192010
Ion Ratio Lower Upper
113 100
55 182.8 167.5 207.5
56 140.2 122.0 162.0

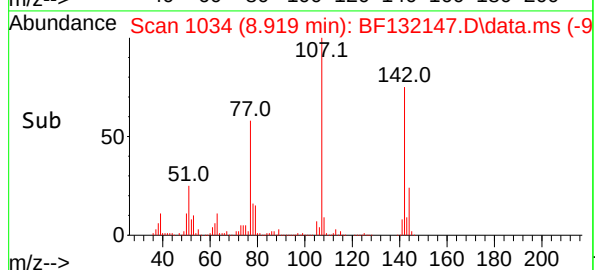
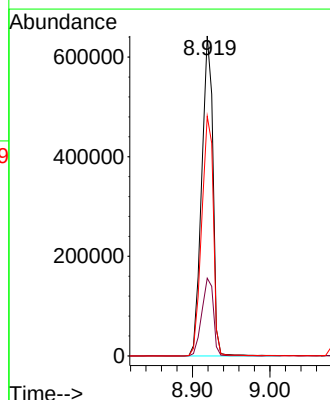
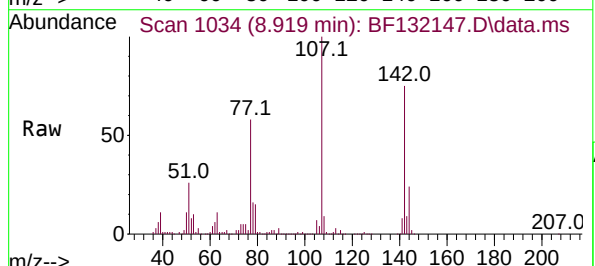
Manual Integrations
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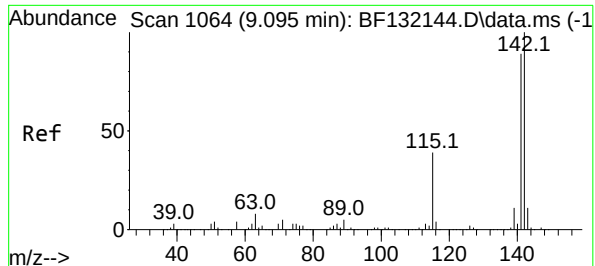
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#36
4-Chloro-3-methylphenol
Concen: 78.410 ng
RT: 8.919 min Scan# 1034
Delta R.T. 0.006 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

Tgt Ion:107 Resp: 645563
Ion Ratio Lower Upper
107 100
144 24.3 21.0 31.4
142 74.9 63.6 95.4





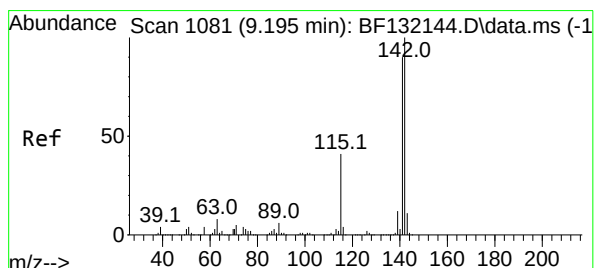
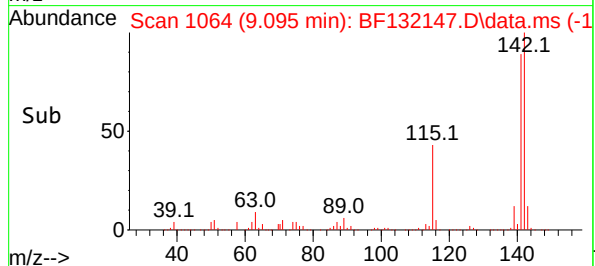
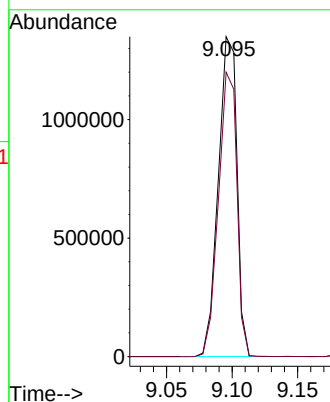
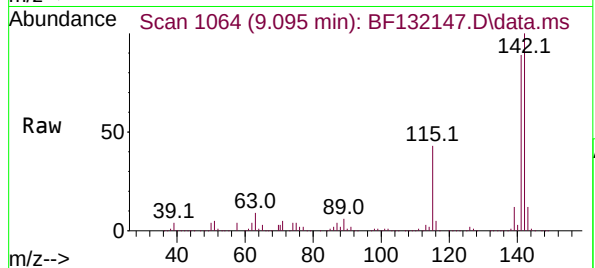
#37
2-Methylnaphthalene
Concen: 69.998 ng
RT: 9.095 min Scan# 1064
Delta R.T. 0.000 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:142 Resp: 1338305
Ion Ratio Lower Upper
142 100
141 88.9 71.1 106.7

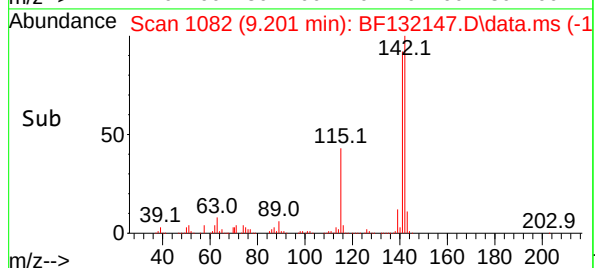
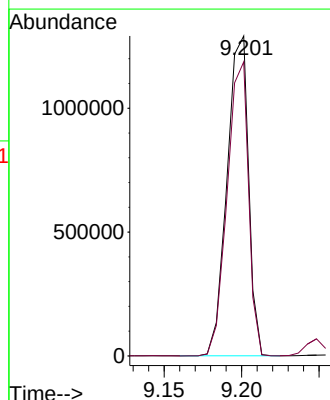
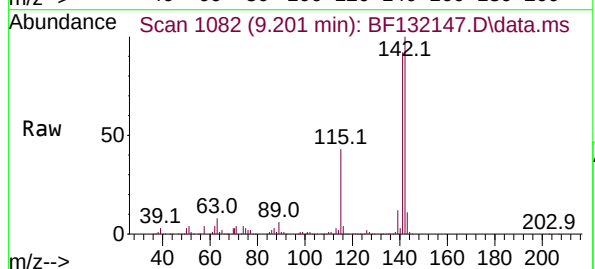
Manual Integrations
APPROVED

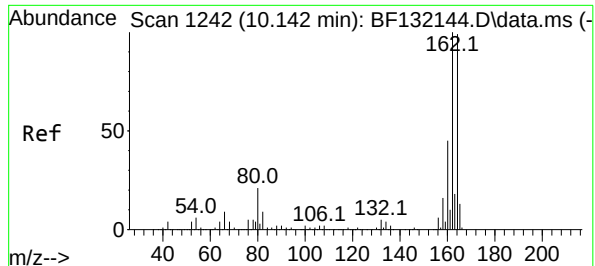
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#38
1-Methylnaphthalene
Concen: 70.174 ng
RT: 9.201 min Scan# 1082
Delta R.T. 0.006 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

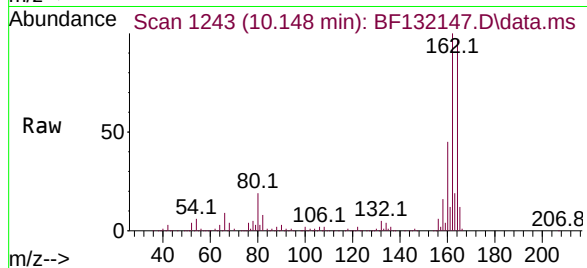
Tgt Ion:142 Resp: 1248378
Ion Ratio Lower Upper
142 100
141 91.9 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.148 min Scan# 1242
Delta R.T. 0.006 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

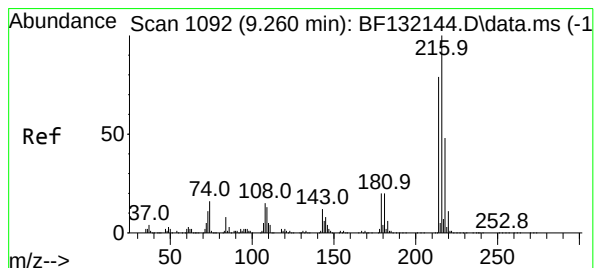
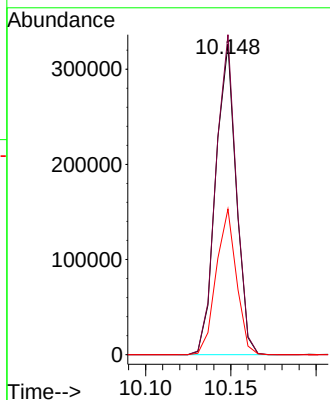
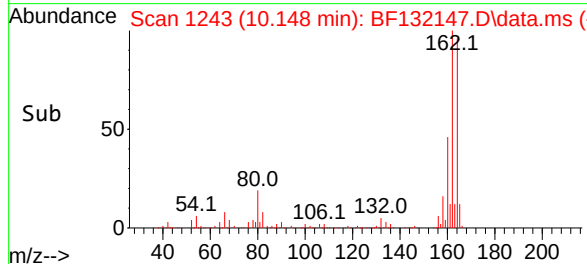
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:164 Resp: 272617
Ion Ratio Lower Upper
164 100
162 103.1 81.2 121.8
160 46.9 36.9 55.3

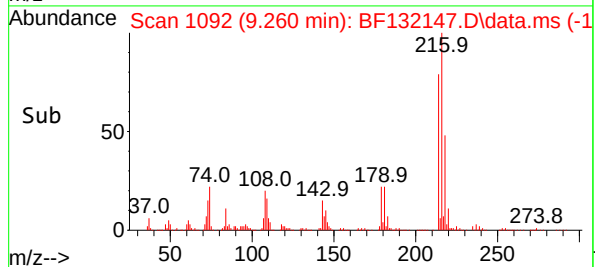
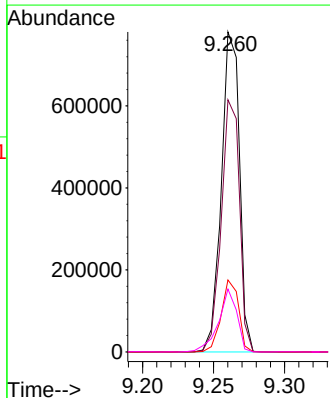
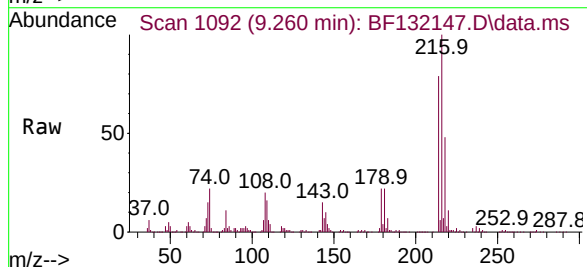
Manual Integrations
APPROVED

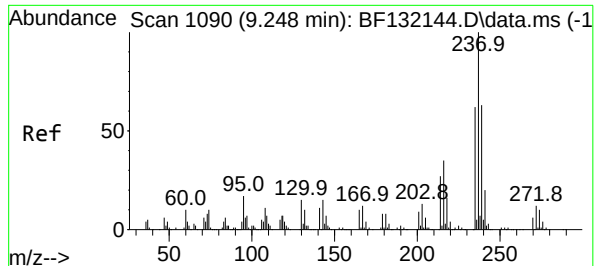
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 72.843 ng
RT: 9.260 min Scan# 1092
Delta R.T. 0.000 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

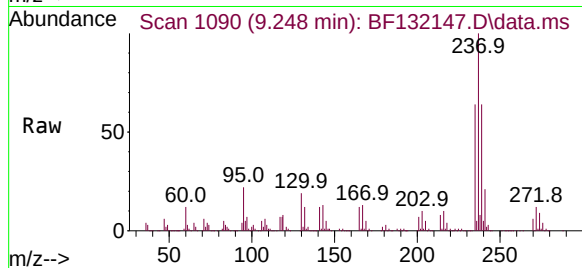
Tgt Ion:216 Resp: 690929
Ion Ratio Lower Upper
216 100
214 79.3 63.1 94.7
179 21.6 16.6 24.8
108 20.0 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 90.225 ng
RT: 9.248 min Scan# 1090
Delta R.T. 0.000 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

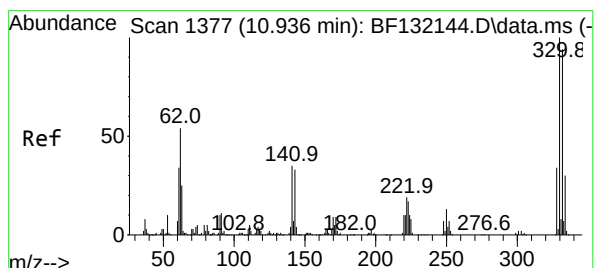
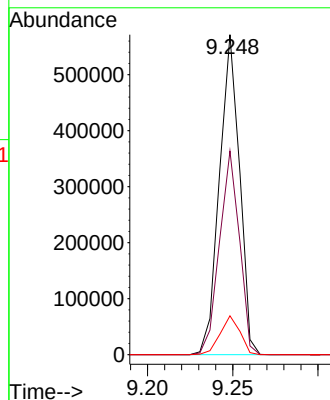
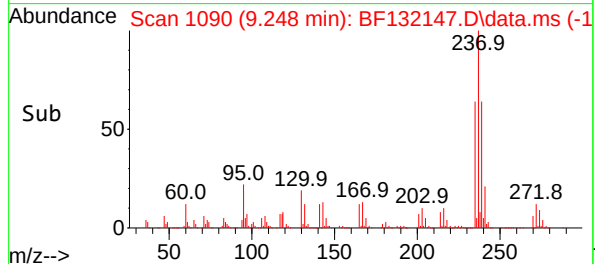
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



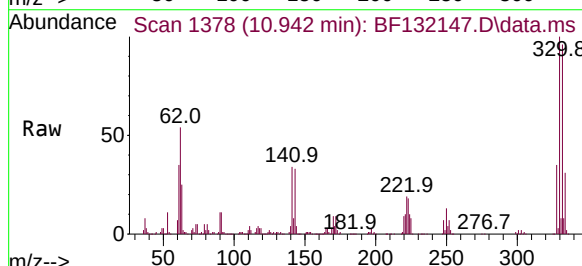
Tgt Ion: 237 Resp: 467005
Ion Ratio Lower Upper
237 100
235 63.6 41.7 81.7
272 12.1 0.0 32.3

Manual Integrations
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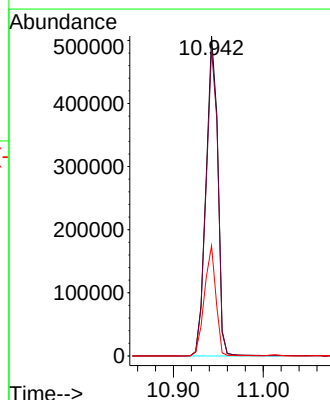
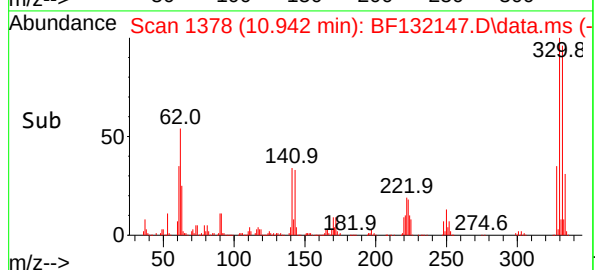
Reviewed By : Christian Giraldo 01/20/2023
Supervised By : Jagrut Upadhyay 01/20/2023

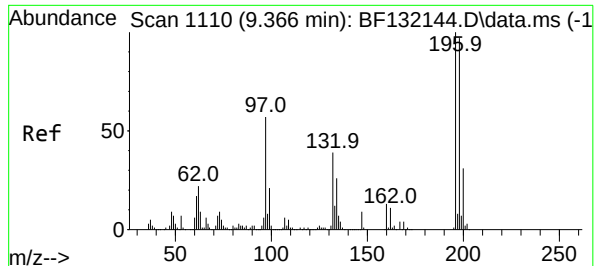


#42
2,4,6-Tribromophenol
Concen: 158.641 ng
RT: 10.942 min Scan# 1378
Delta R.T. 0.006 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11



Tgt Ion: 330 Resp: 461956
Ion Ratio Lower Upper
330 100
332 97.1 75.6 113.4
141 33.5 27.1 40.7





#43

2,4,6-Trichlorophenol

Concen: 80.773 ng

RT: 9.366 min Scan# 1110

Delta R.T. 0.000 min

Lab File: BF132147.D

Acq: 19 Jan 2023 15:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:196 Resp: 475486

Ion Ratio Lower Upper

196 100

198 94.1 77.4 116.2

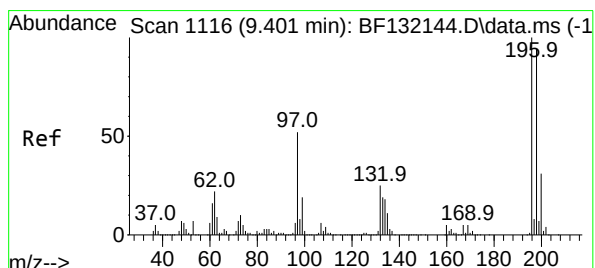
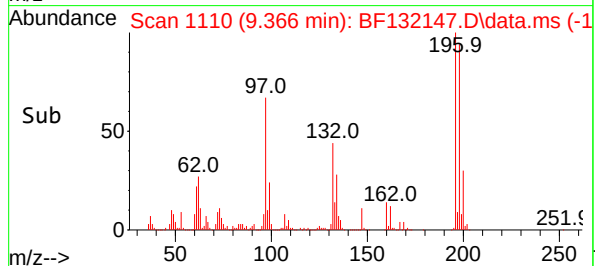
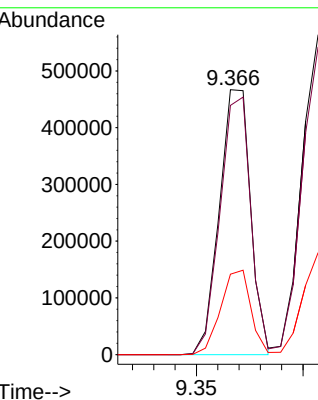
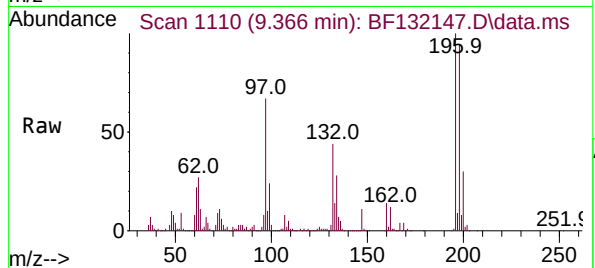
200 30.4 24.9 37.3

Manual Integrations

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#44

2,4,5-Trichlorophenol

Concen: 79.755 ng

RT: 9.407 min Scan# 1117

Delta R.T. 0.006 min

Lab File: BF132147.D

Acq: 19 Jan 2023 15:11

Tgt Ion:196 Resp: 549090

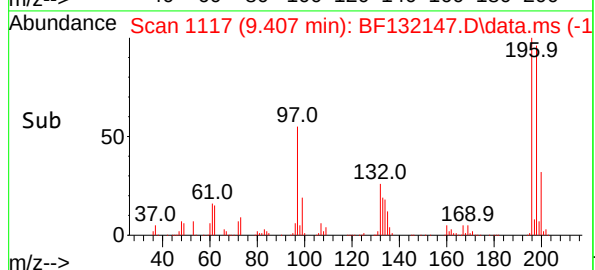
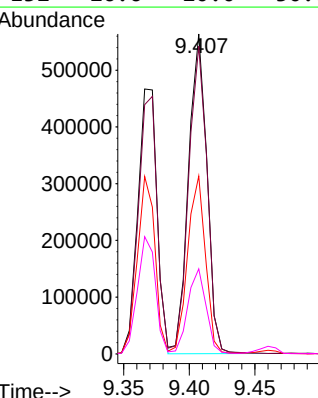
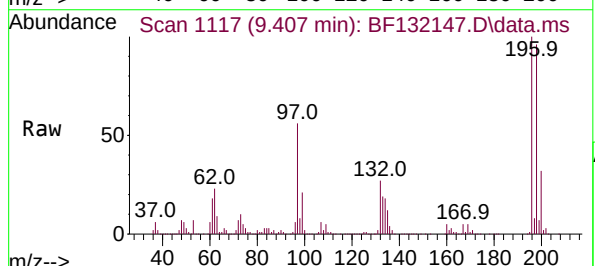
Ion Ratio Lower Upper

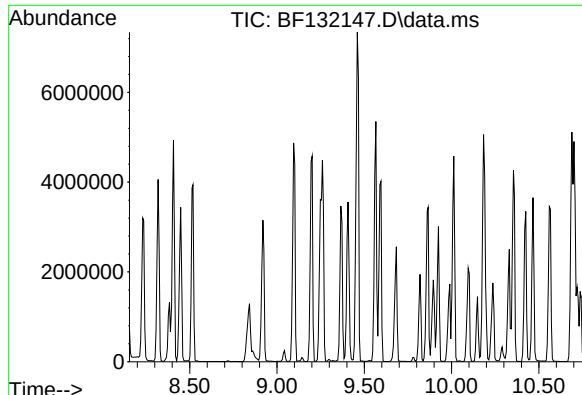
196 100

198 96.2 75.3 112.9

97 55.6 41.3 61.9

132 26.6 20.0 30.0





#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.45 min

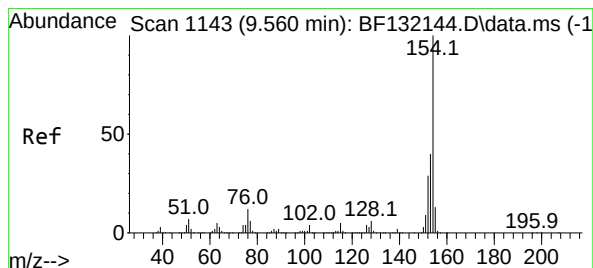
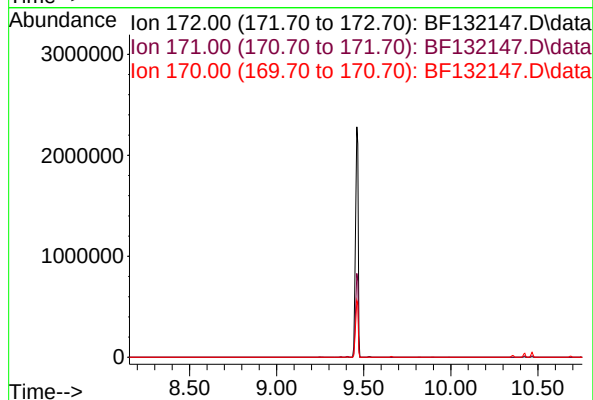
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 172
Sig Exp Ratio
172 100
171 35.2
170 24.5

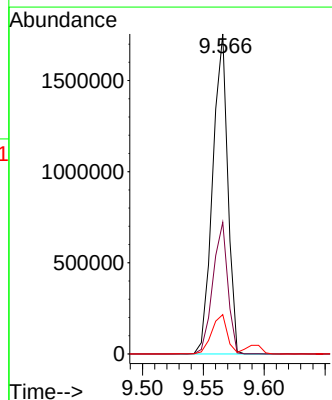
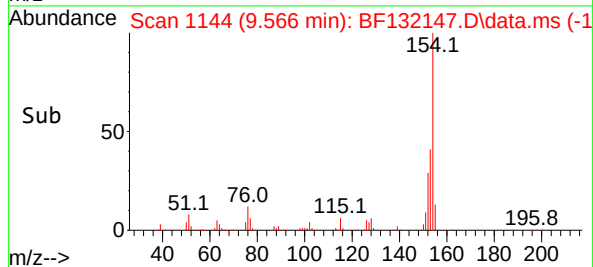
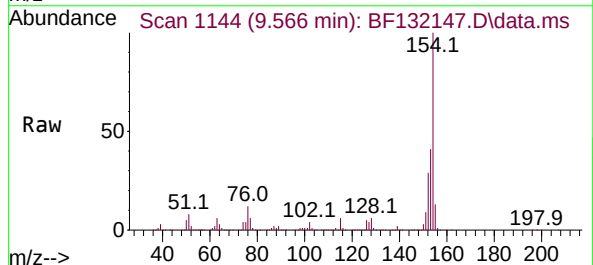
Manual Integrations
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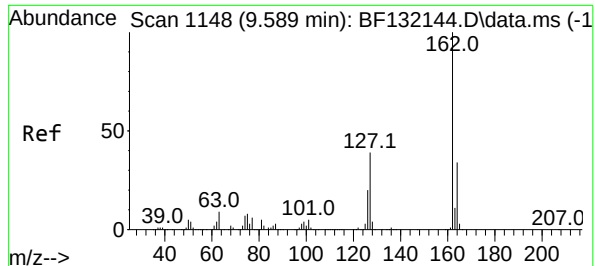
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#46
1,1'-Biphenyl
Concen: 70.392 ng
RT: 9.566 min Scan# 1144
Delta R.T. 0.006 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

Tgt Ion:154 Resp: 1513966
Ion Ratio Lower Upper
154 100
153 41.1 20.2 60.2
76 12.3 0.0 32.2





#47

2-Chloronaphthalene

Concen: 72.774 ng

RT: 9.595 min Scan# 1148

Delta R.T. 0.006 min

Lab File: BF132147.D

Acq: 19 Jan 2023 15:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:162 Resp: 1209948

Ion Ratio Lower Upper

162 100

127 41.0 31.1 46.7

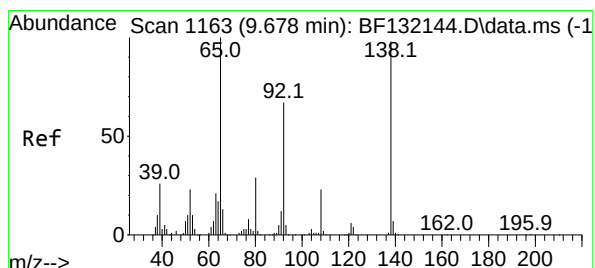
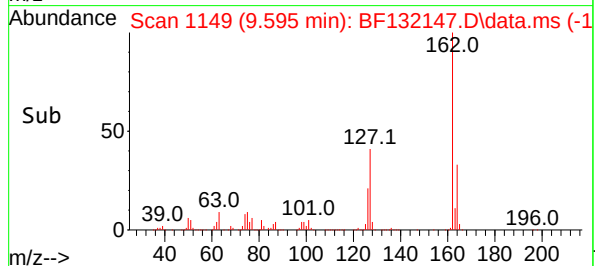
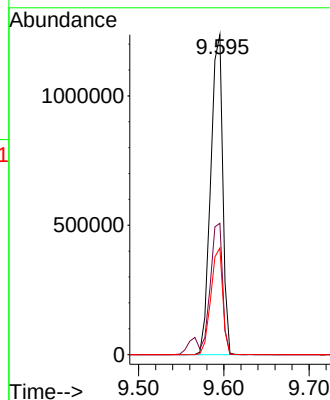
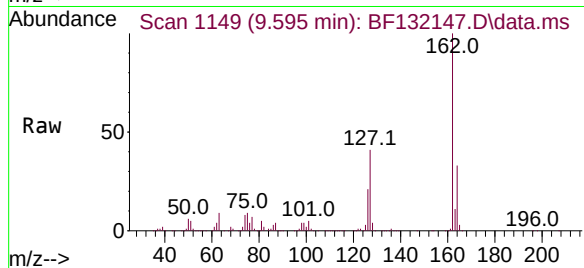
164 33.3 26.9 40.3

Manual Integrations

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#48

2-Nitroaniline

Concen: 89.897 ng

RT: 9.684 min Scan# 1164

Delta R.T. 0.006 min

Lab File: BF132147.D

Acq: 19 Jan 2023 15:11

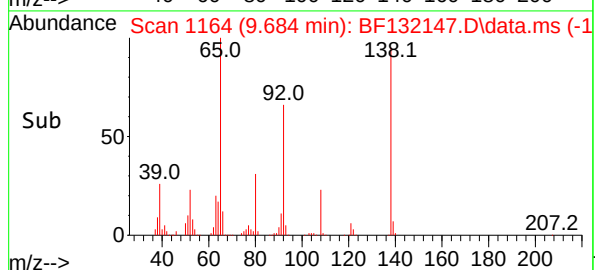
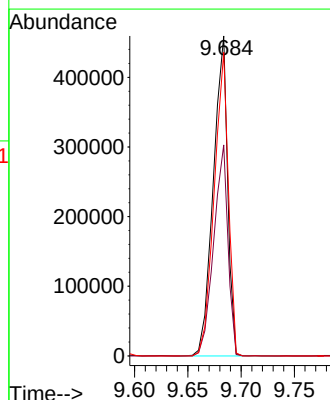
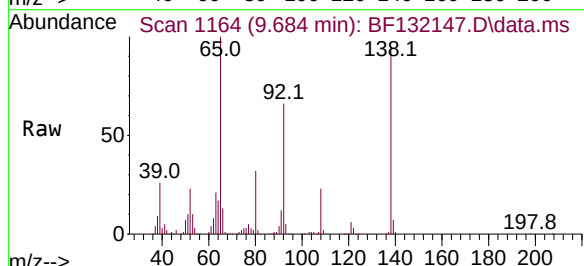
Tgt Ion: 65 Resp: 430334

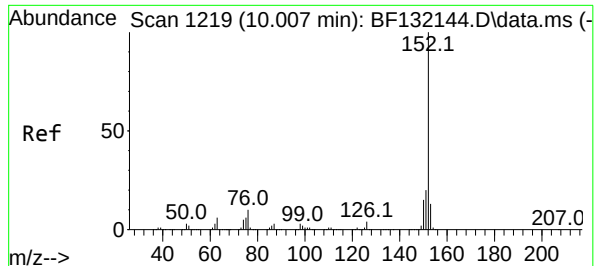
Ion Ratio Lower Upper

65 100

92 65.9 53.8 80.6

138 94.8 78.7 118.1





#49

Acenaphthylene

Concen: 72.591 ng

RT: 10.013 min Scan# 1195

Delta R.T. 0.006 min

Lab File: BF132147.D

Acq: 19 Jan 2023 15:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:152 Resp: 1930720

Ion Ratio Lower Upper

152 100

151 20.8 16.4 24.6

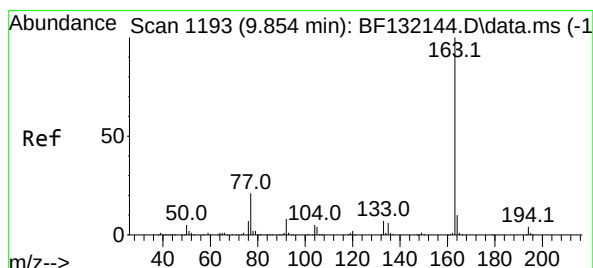
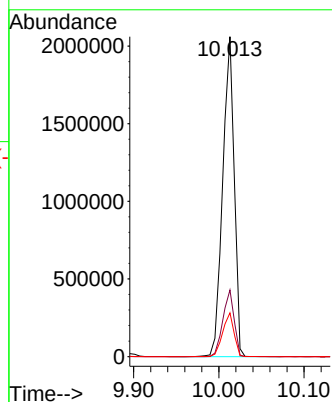
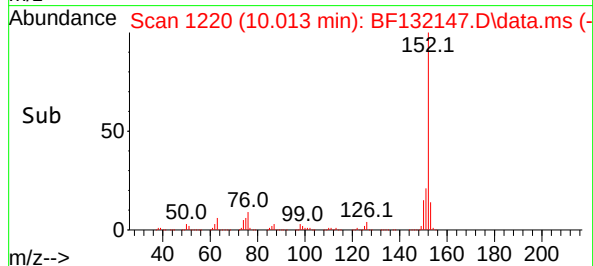
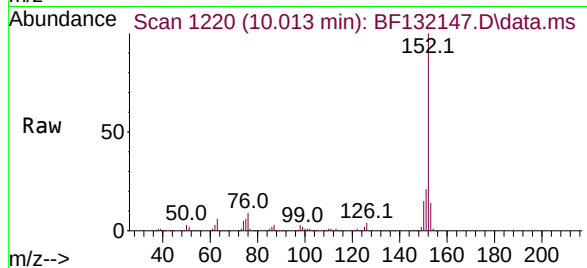
153 13.7 10.6 15.8

Manual Integrations

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#50

Dimethylphthalate

Concen: 73.922 ng

RT: 9.866 min Scan# 1195

Delta R.T. 0.012 min

Lab File: BF132147.D

Acq: 19 Jan 2023 15:11

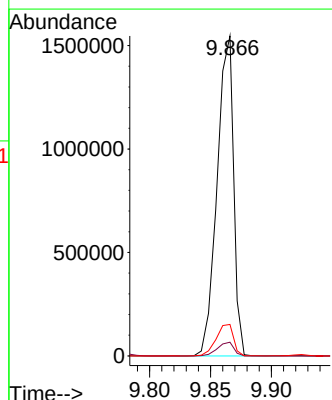
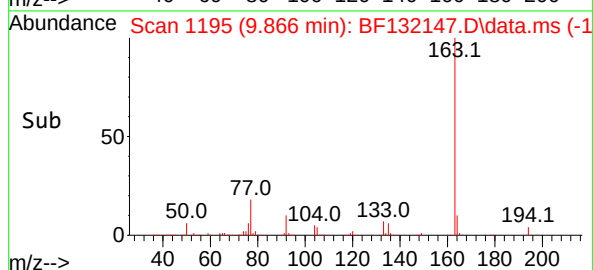
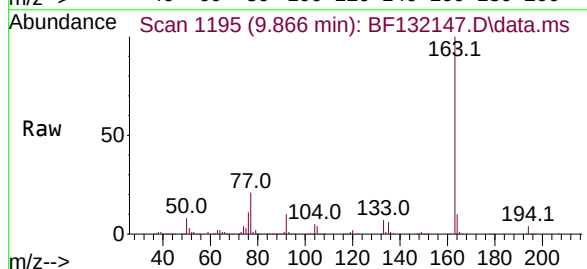
Tgt Ion:163 Resp: 1459554

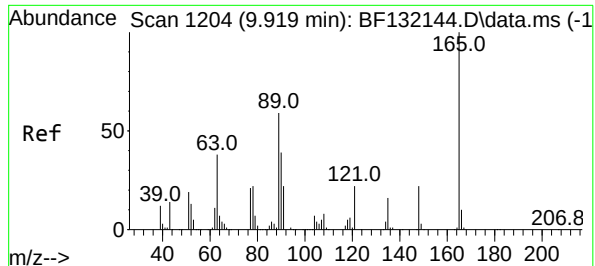
Ion Ratio Lower Upper

163 100

194 4.3 3.1 4.7

164 9.8 8.2 12.2





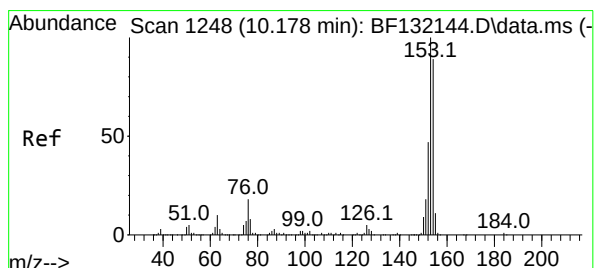
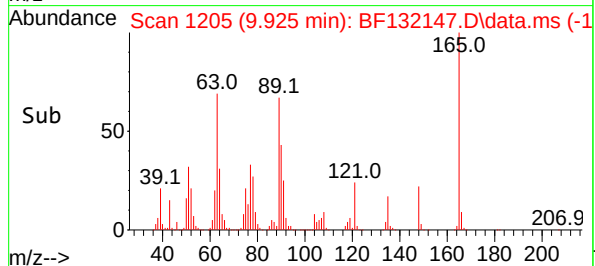
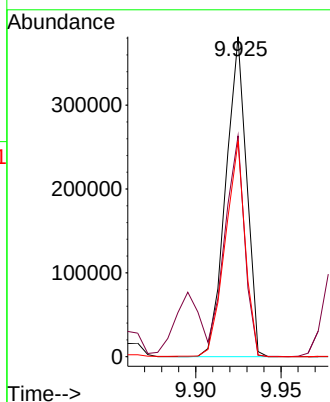
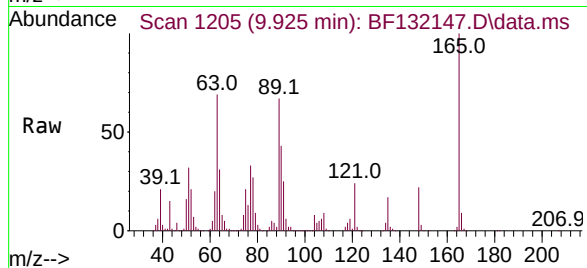
#51
2,6-Dinitrotoluene
Concen: 84.311 ng
RT: 9.925 min Scan# 1205
Delta R.T. 0.006 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 322652
Ion Ratio Lower Upper
165 100
63 69.0 46.6 70.0
89 67.2 47.4 71.2

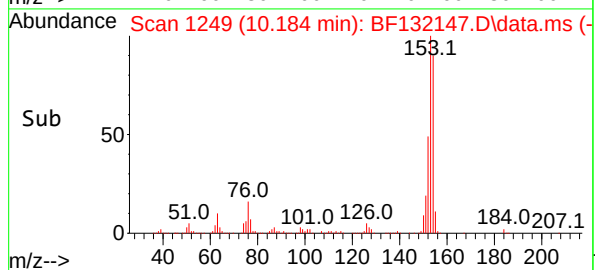
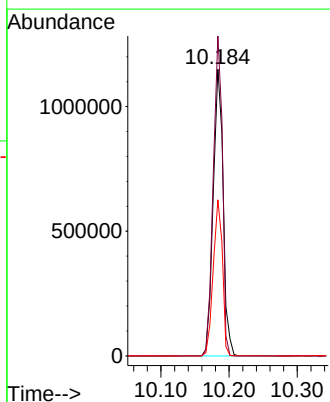
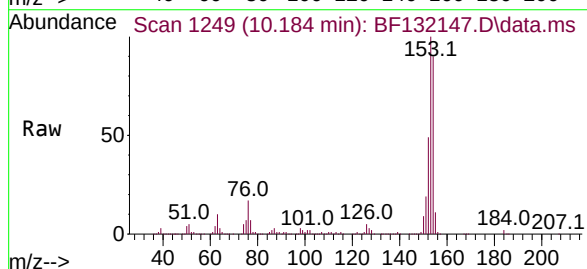
Manual Integrations
APPROVED

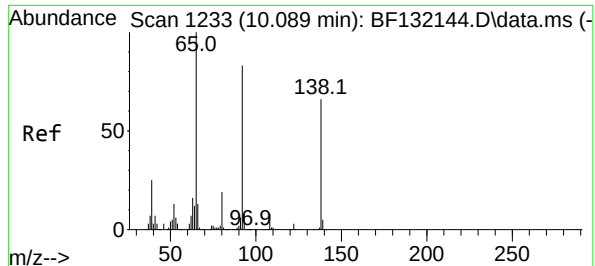
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#52
Acenaphthene
Concen: 72.911 ng
RT: 10.184 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

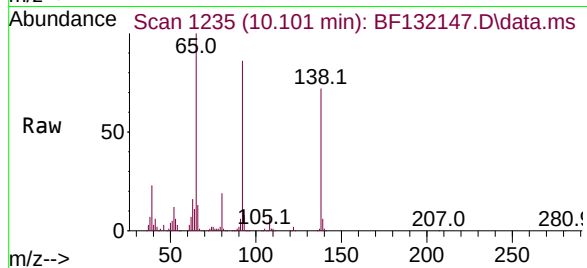
Tgt Ion:154 Resp: 1166439
Ion Ratio Lower Upper
154 100
153 111.6 89.8 134.8
152 54.4 42.3 63.5





#53
3-Nitroaniline
Concen: 77.533 ng
RT: 10.101 min Scan# 1235
Delta R.T. 0.012 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

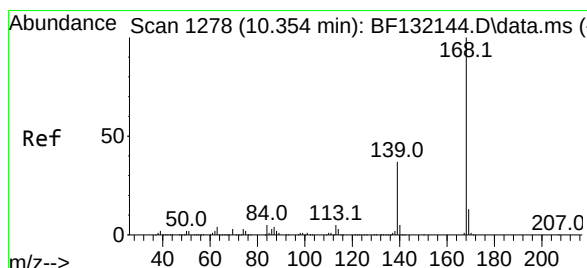
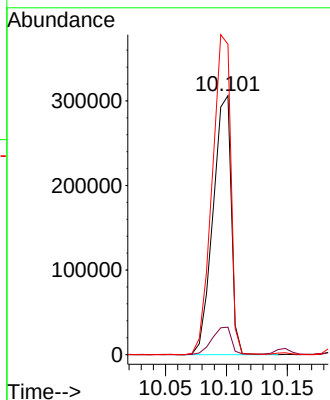
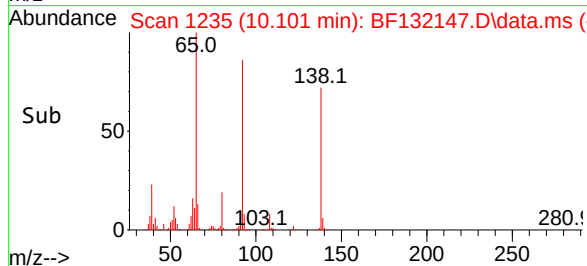
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



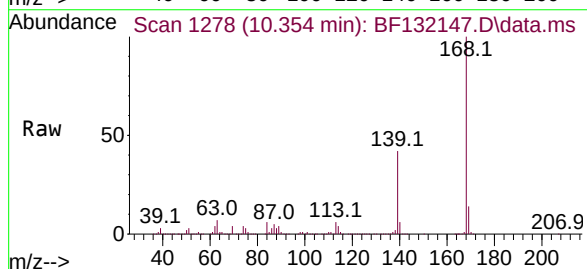
Tgt Ion:138 Resp: 317239
Ion Ratio Lower Upper
138 100
108 10.6 9.1 13.7
92 119.8 101.2 151.8

Manual Integrations
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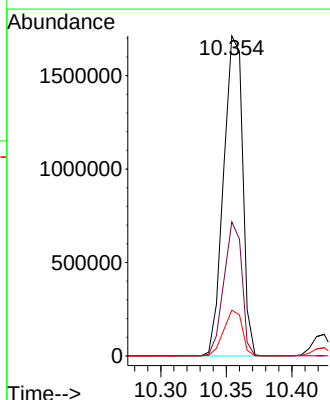
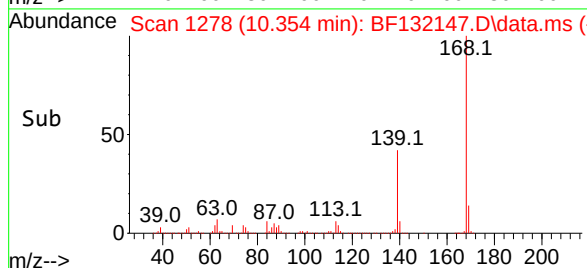
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

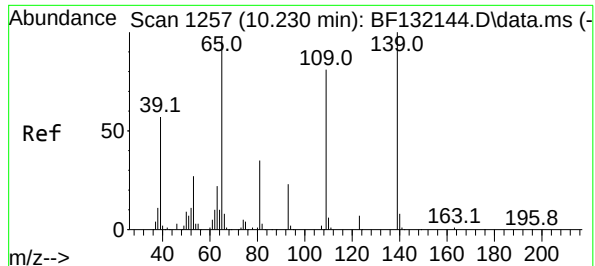


#55
Dibenzofuran
Concen: 70.318 ng
RT: 10.354 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11



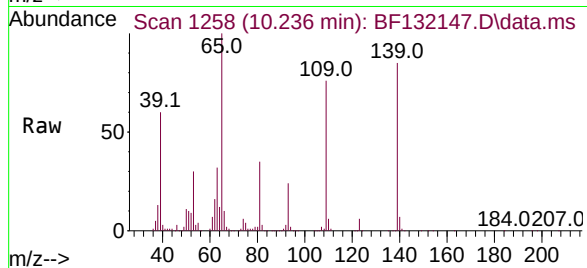
Tgt Ion:168 Resp: 1738505
Ion Ratio Lower Upper
168 100
139 41.9 29.8 44.8
169 14.3 10.3 15.5





#56
4-Nitrophenol
Concen: 85.308 ng
RT: 10.236 min Scan# 1257
Delta R.T. 0.006 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

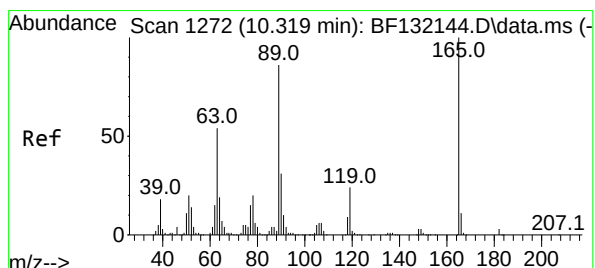
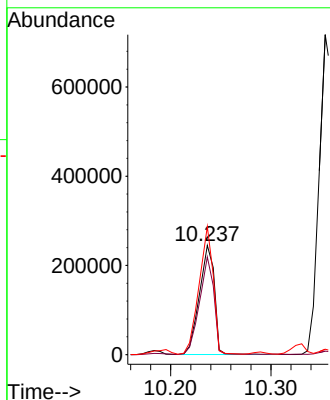
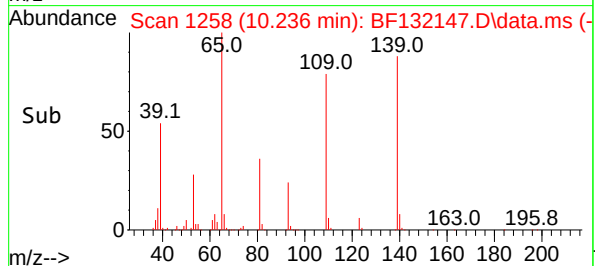
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:139 Resp: 254033
Ion Ratio Lower Upper
139 100
109 89.5 61.0 101.0
65 117.4 79.3 119.3

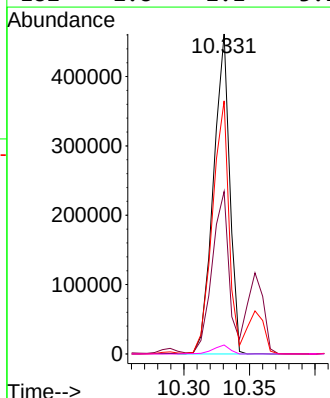
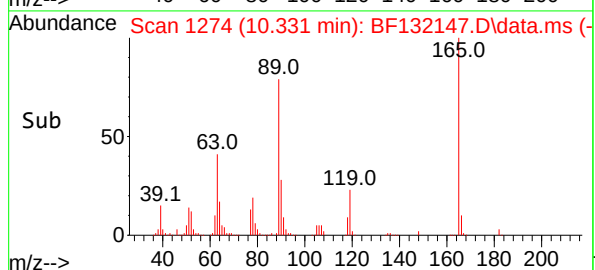
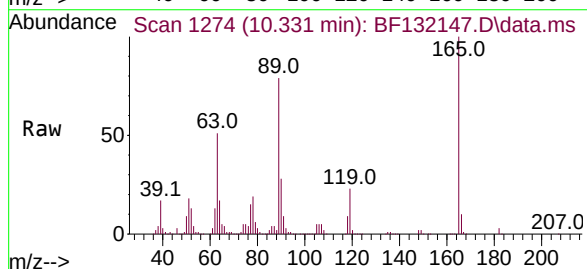
Manual Integrations
APPROVED

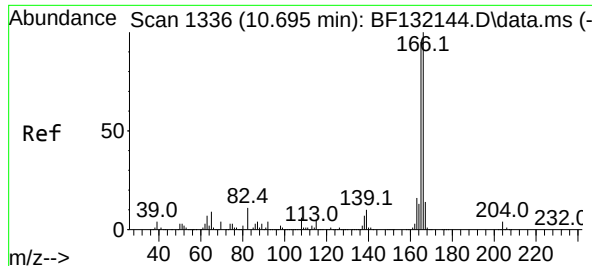
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#57
2,4-Dinitrotoluene
Concen: 86.988 ng
RT: 10.331 min Scan# 1274
Delta R.T. 0.012 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

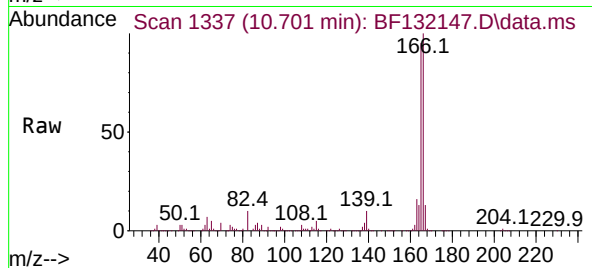
Tgt Ion:165 Resp: 399599
Ion Ratio Lower Upper
165 100
63 50.7 43.5 65.3
89 79.1 69.0 103.6
182 2.8 2.1 3.1





#58
Fluorene
Concen: 68.314 ng
RT: 10.701 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

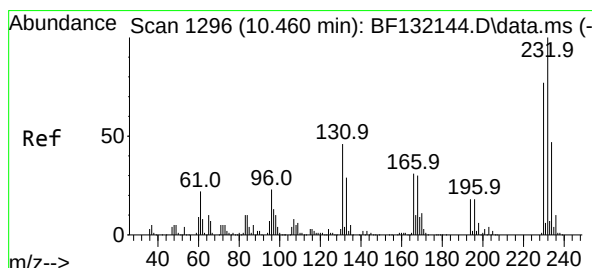
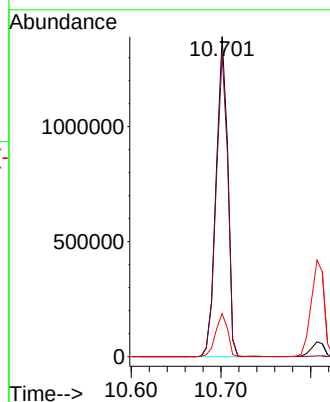
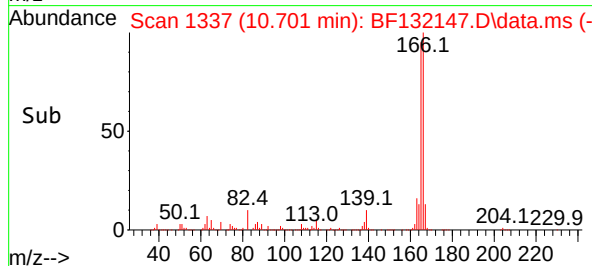
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:166 Resp: 1251479
Ion Ratio Lower Upper
166 100
165 94.6 76.4 114.6
167 13.4 11.0 16.4

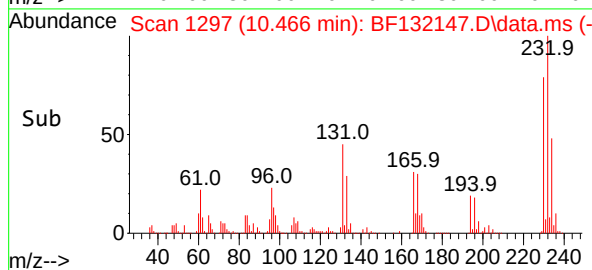
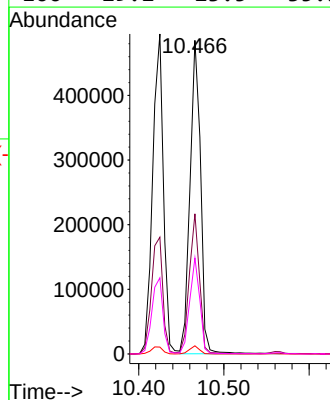
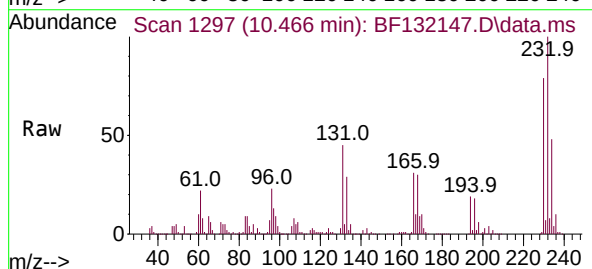
Manual Integrations
APPROVED

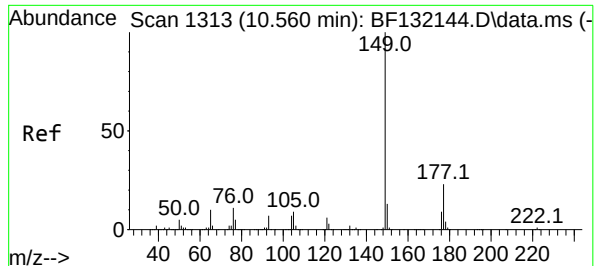
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#59
2,3,4,6-Tetrachlorophenol
Concen: 79.496 ng
RT: 10.466 min Scan# 1297
Delta R.T. 0.006 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

Tgt Ion:232 Resp: 416329
Ion Ratio Lower Upper
232 100
131 43.0 33.8 50.6
130 2.4 1.9 2.9
166 29.2 23.5 35.3





#60

Diethylphthalate

Concen: 72.993 ng

RT: 10.566 min Scan# 1313

Delta R.T. 0.006 min

Lab File: BF132147.D

Acq: 19 Jan 2023 15:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:149 Resp: 1413313

Ion Ratio Lower Upper

149 100

177 22.7 18.4 27.6

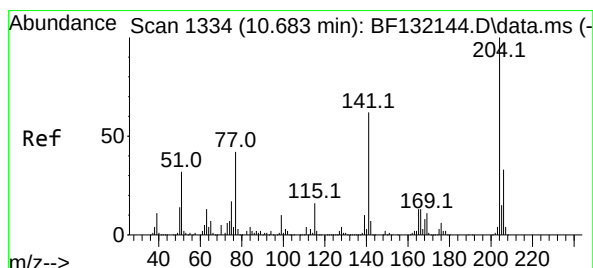
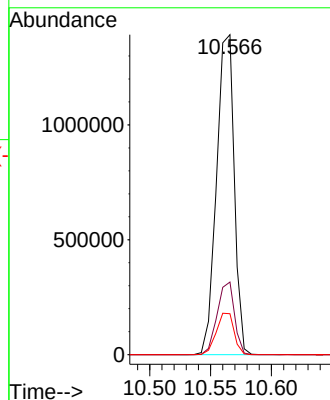
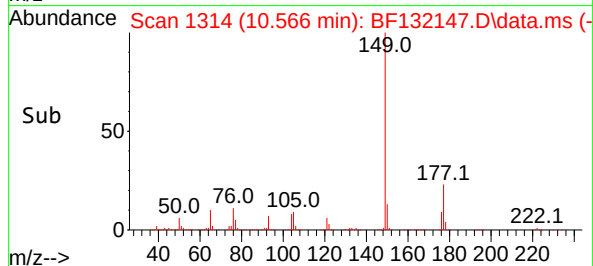
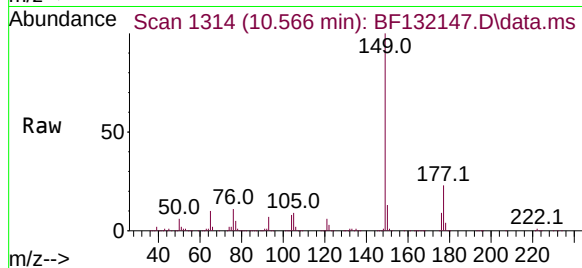
150 12.8 10.1 15.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#61

4-Chlorophenyl-phenylether

Concen: 69.487 ng

RT: 10.689 min Scan# 1335

Delta R.T. 0.006 min

Lab File: BF132147.D

Acq: 19 Jan 2023 15:11

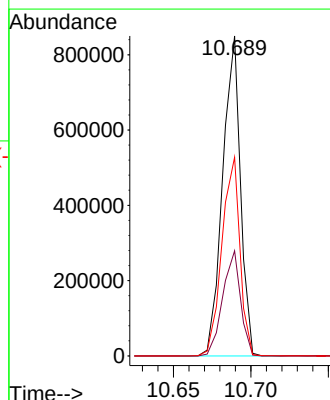
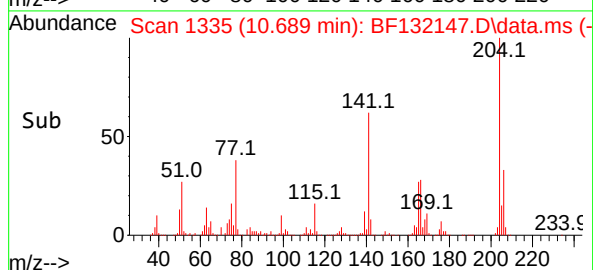
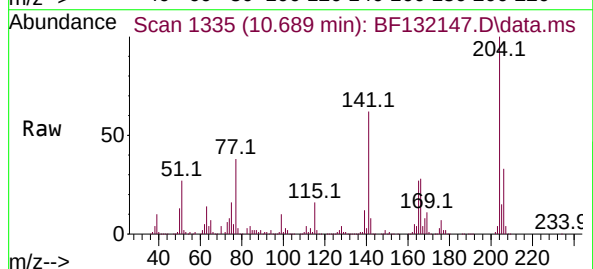
Tgt Ion:204 Resp: 681650

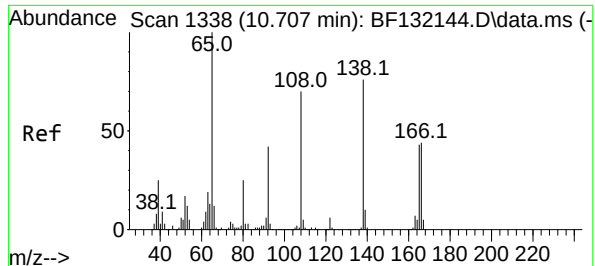
Ion Ratio Lower Upper

204 100

206 32.8 26.4 39.6

141 62.1 49.2 73.8





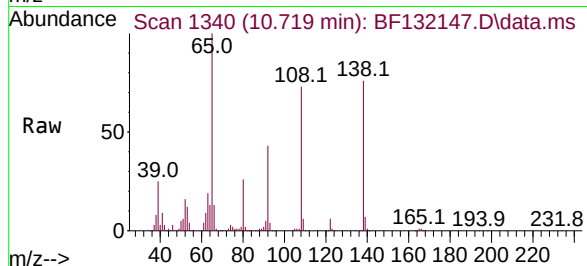
#62
4-Nitroaniline
Concen: 78.932 ng
RT: 10.719 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

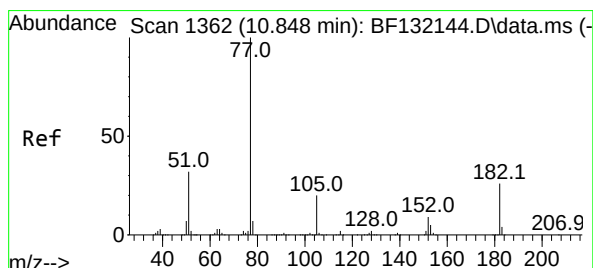
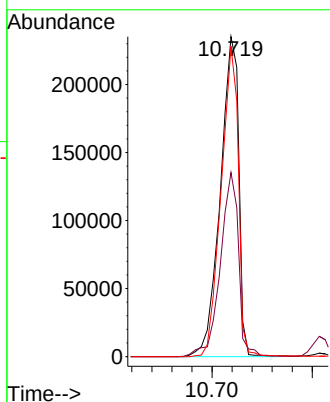
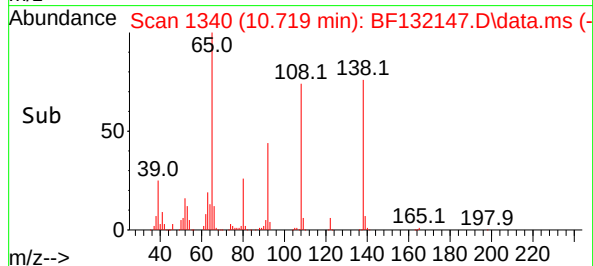


Tgt Ion:138 Resp: 300676
Ion Ratio Lower Upper
138 100
92 57.5 35.9 75.9
108 97.0 72.0 112.0

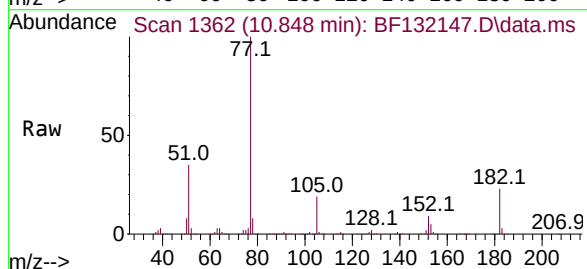
Manual Integrations

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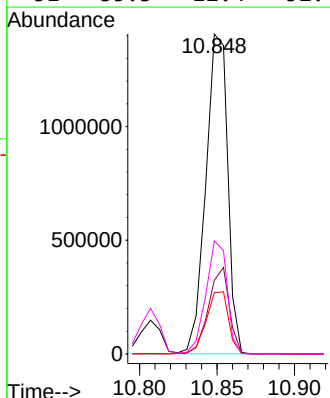
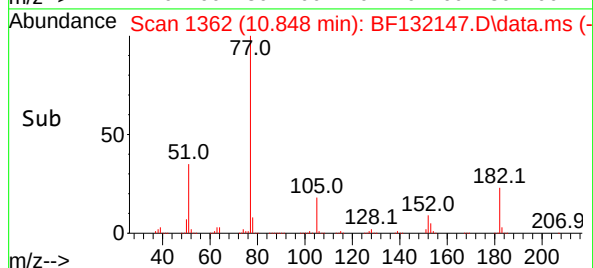
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

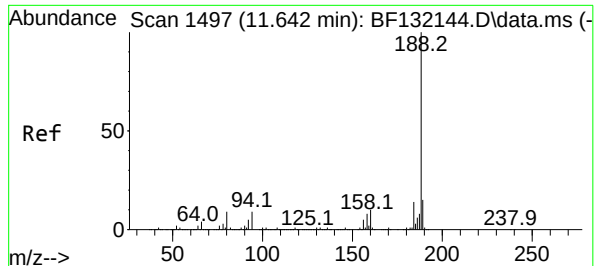


#63
Azobenzene
Concen: 71.149 ng
RT: 10.848 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11



Tgt Ion: 77 Resp: 1382602
Ion Ratio Lower Upper
77 100
182 23.0 6.4 46.4
105 19.1 0.0 39.8
51 35.3 12.4 52.4





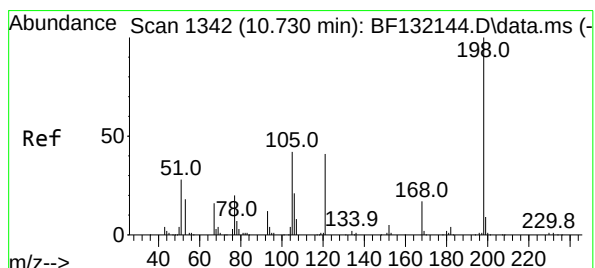
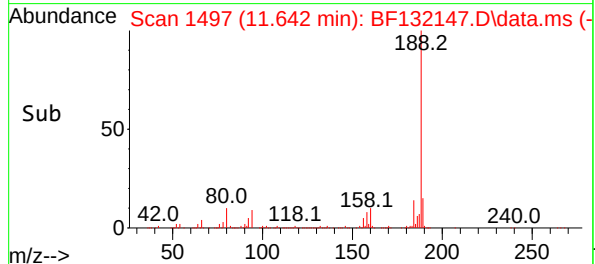
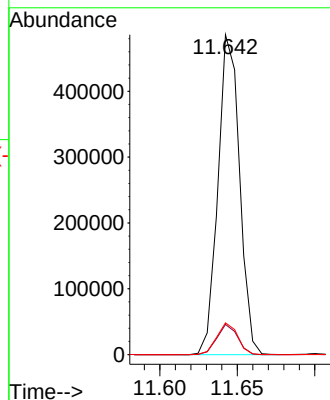
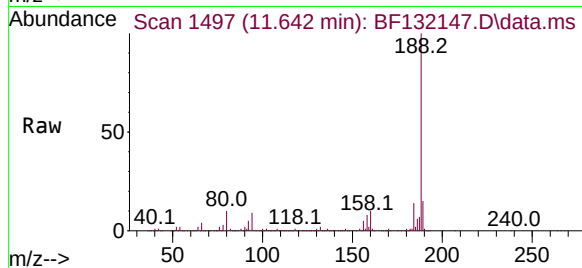
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.642 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:188 Resp: 471595
Ion Ratio Lower Upper
188 100
94 9.4 6.9 10.3
80 9.9 7.5 11.3

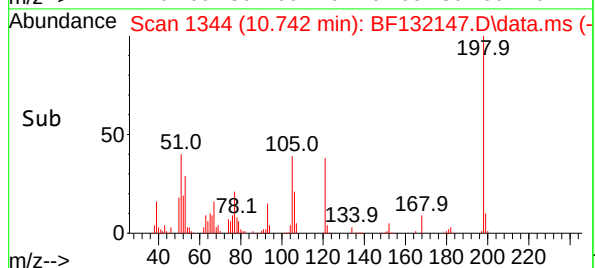
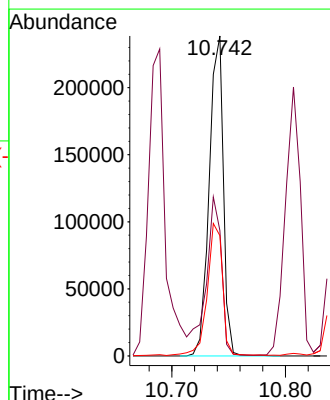
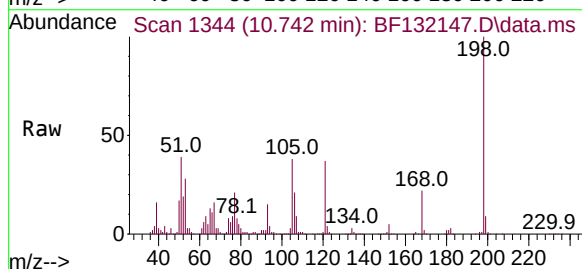
Manual Integrations
APPROVED

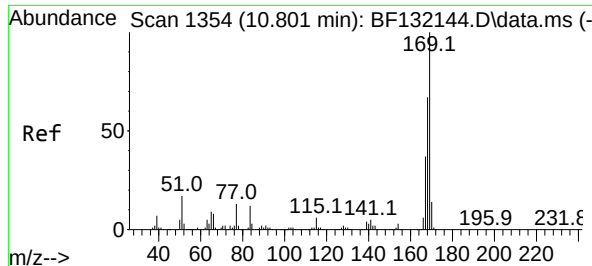
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#65
4,6-Dinitro-2-methylphenol
Concen: 101.009 ng
RT: 10.742 min Scan# 1344
Delta R.T. 0.012 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

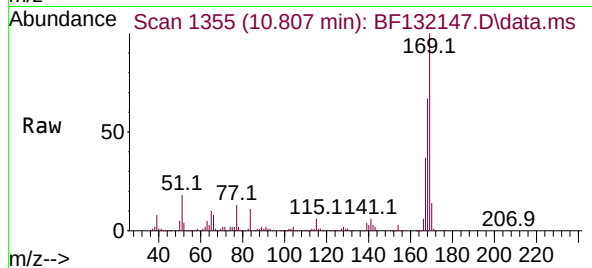
Tgt Ion:198 Resp: 206528
Ion Ratio Lower Upper
198 100
51 39.2 24.3 64.3
105 37.6 23.3 63.3





#66
n-Nitrosodiphenylamine
Concen: 75.109 ng
RT: 10.807 min Scan# 1354
Delta R.T. 0.006 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

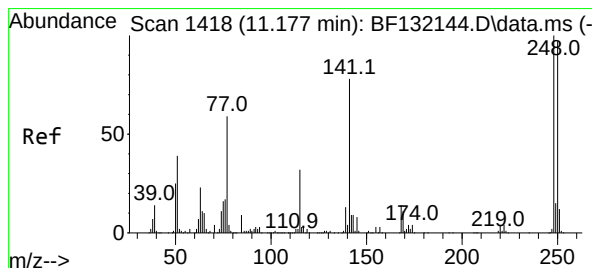
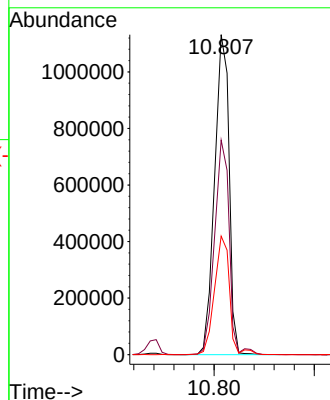
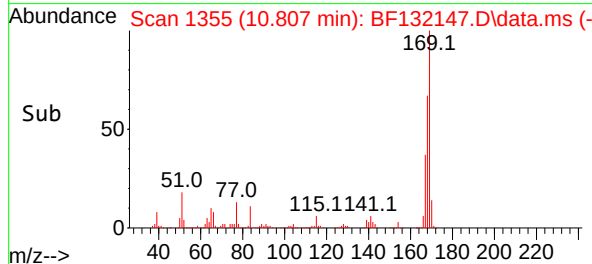
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:169 Resp: 1134402
Ion Ratio Lower Upper
169 100
168 67.0 53.4 80.0
167 37.0 29.7 44.5

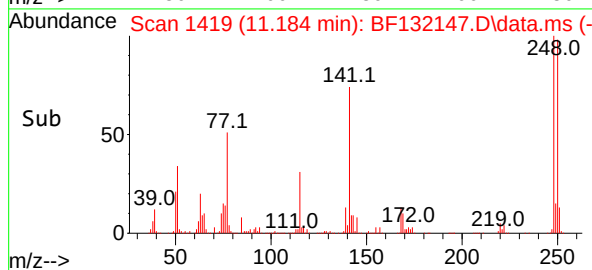
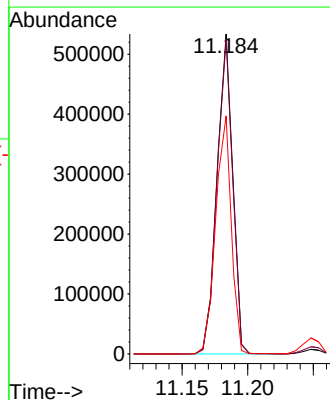
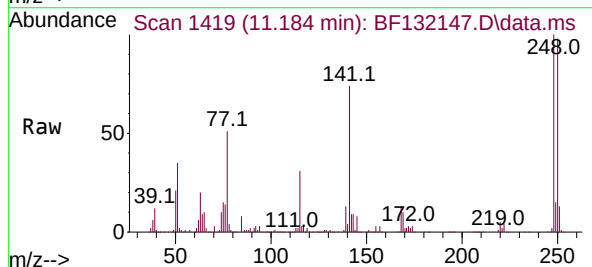
Manual Integrations
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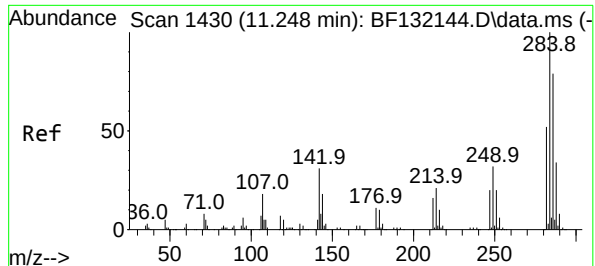
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#67
4-Bromophenyl-phenylether
Concen: 77.548 ng
RT: 11.184 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

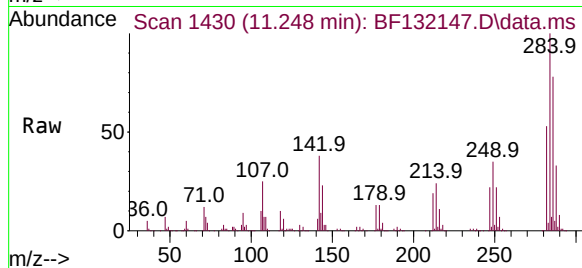
Tgt Ion:248 Resp: 445768
Ion Ratio Lower Upper
248 100
250 98.3 77.4 116.0
141 74.4 62.2 93.2





#68
Hexachlorobenzene
Concen: 78.309 ng
RT: 11.248 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

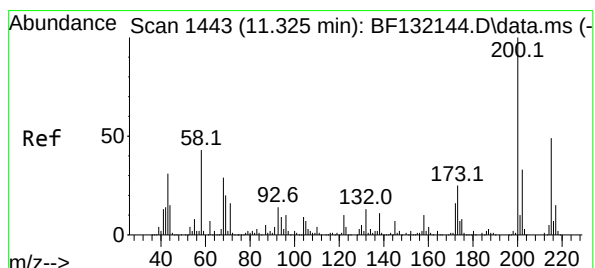
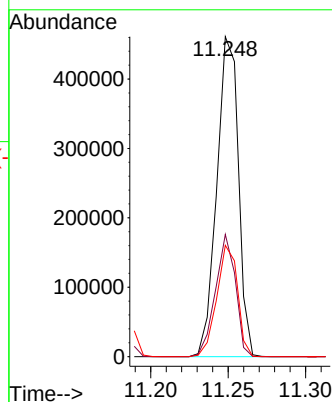
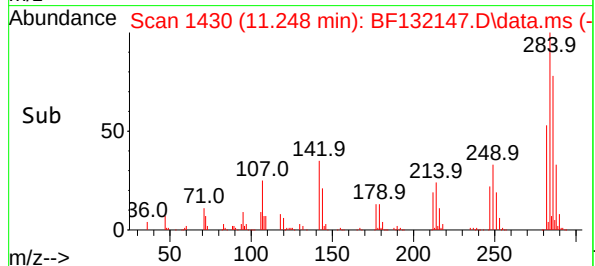
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:284 Resp: 447376
Ion Ratio Lower Upper
284 100
142 38.2 24.7 37.1
249 34.8 25.6 38.4

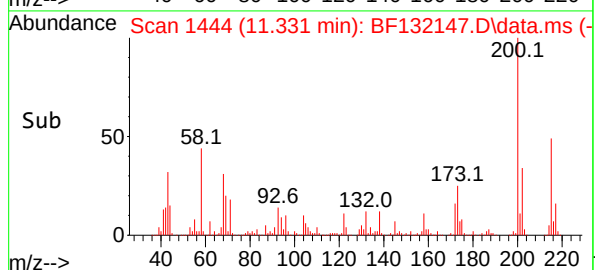
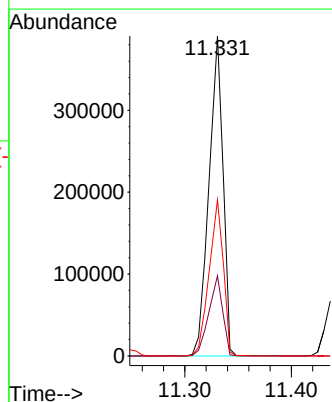
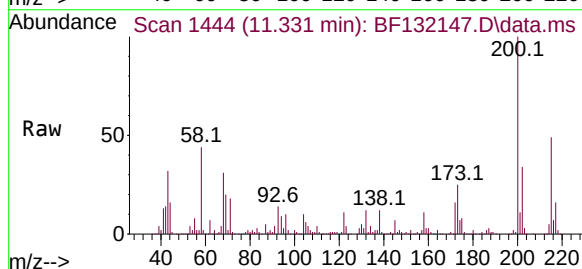
Manual Integrations
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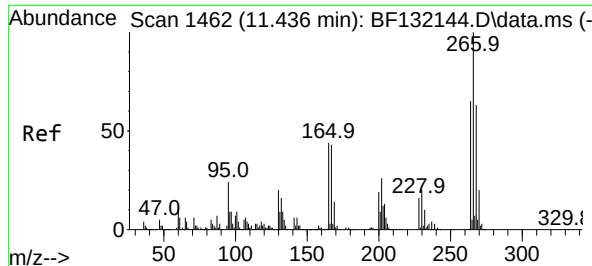
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#69
Atrazine
Concen: 76.921 ng
RT: 11.331 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

Tgt Ion:200 Resp: 358442
Ion Ratio Lower Upper
200 100
173 25.0 5.0 45.0
215 48.8 28.6 68.6





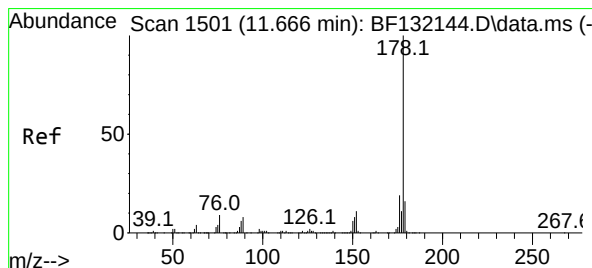
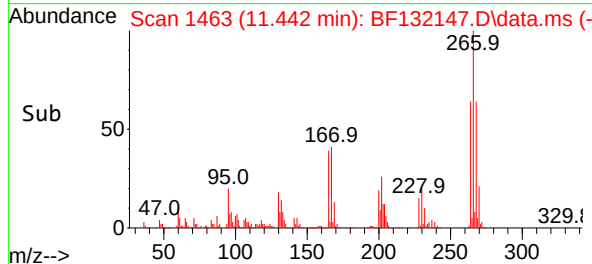
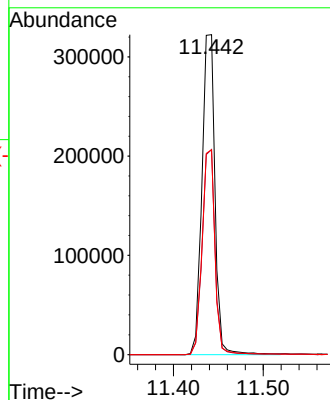
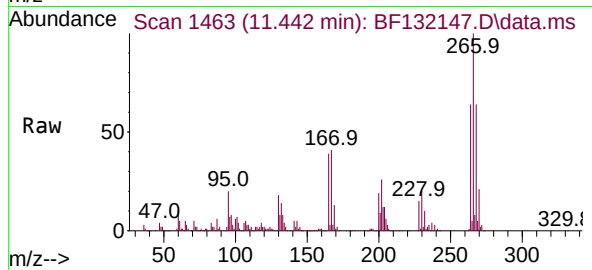
#70
Pentachlorophenol
Concen: 88.535 ng
RT: 11.442 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:266 Resp: 325031
Ion Ratio Lower Upper
266 100
268 64.1 50.8 76.2
264 64.0 52.3 78.5

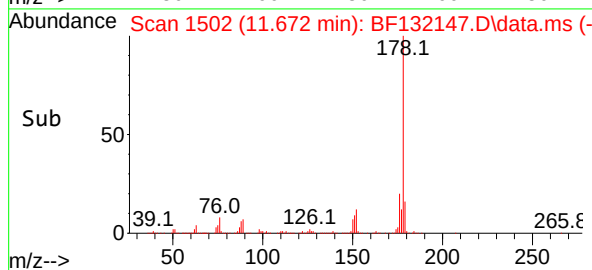
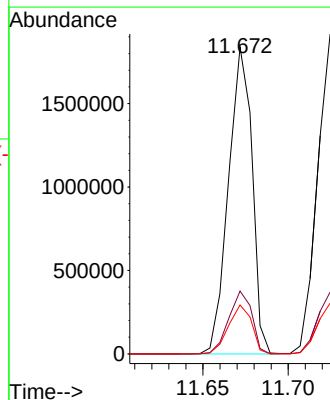
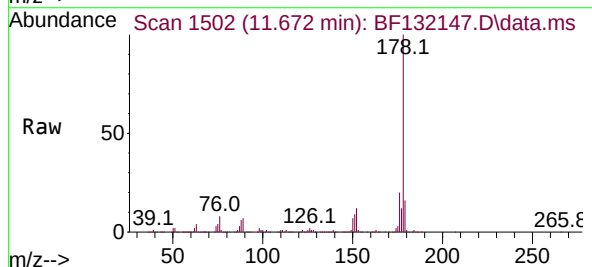
Manual Integrations
APPROVED

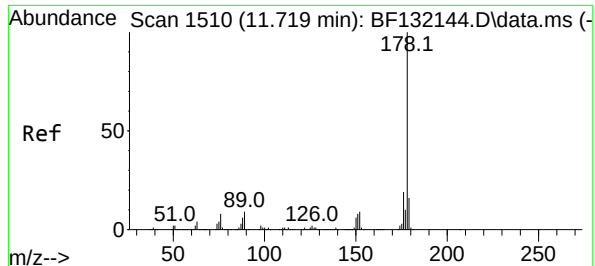
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#71
Phenanthrene
Concen: 71.541 ng
RT: 11.672 min Scan# 1502
Delta R.T. 0.006 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

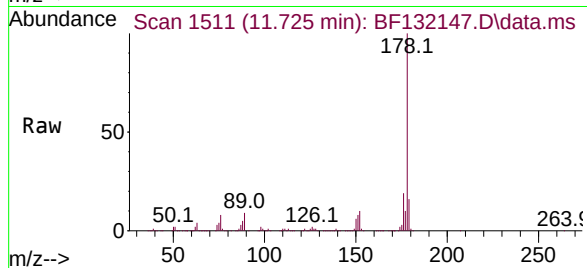
Tgt Ion:178 Resp: 1770533
Ion Ratio Lower Upper
178 100
176 20.5 15.5 23.3
179 16.0 12.6 19.0





#72
Anthracene
Concen: 72.024 ng
RT: 11.725 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

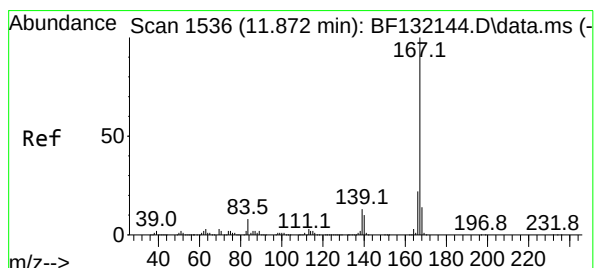
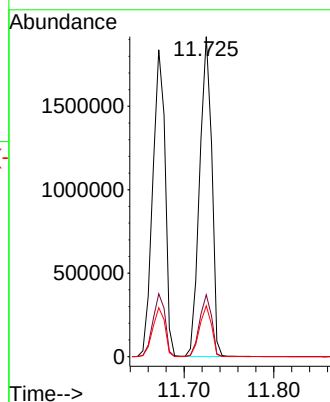
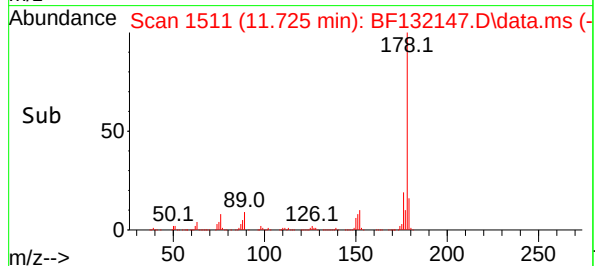
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:178 Resp: 1803269
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.9 12.6 18.8

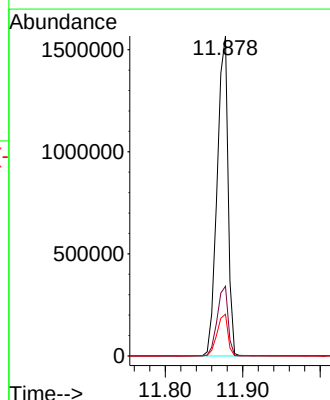
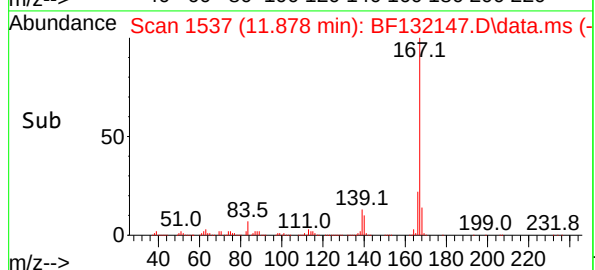
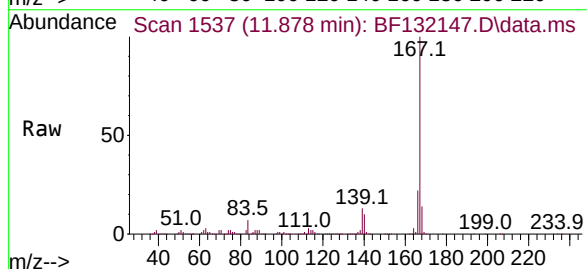
Manual Integrations
APPROVED

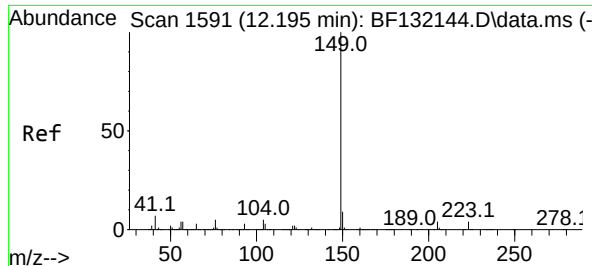
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#73
Carbazole
Concen: 71.232 ng
RT: 11.878 min Scan# 1537
Delta R.T. 0.006 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

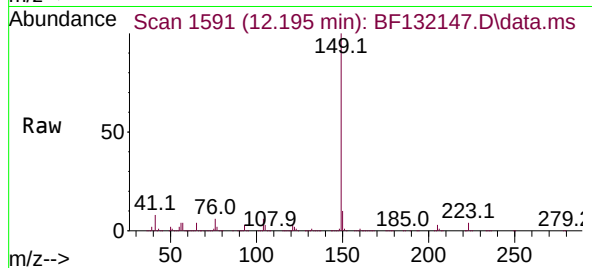
Tgt Ion:167 Resp: 1523393
Ion Ratio Lower Upper
167 100
166 21.8 17.7 26.5
139 13.0 10.5 15.7





#74
Di-n-butylphthalate
Concen: 75.690 ng
RT: 12.195 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

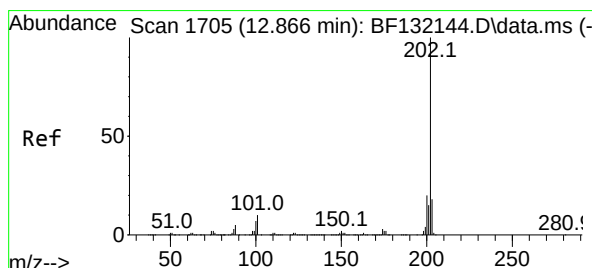
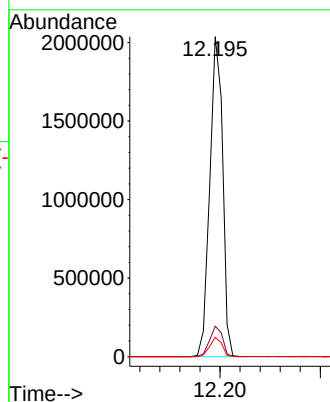
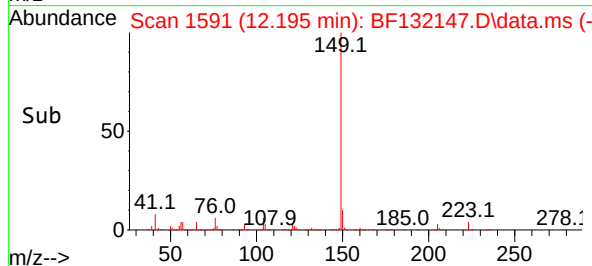
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



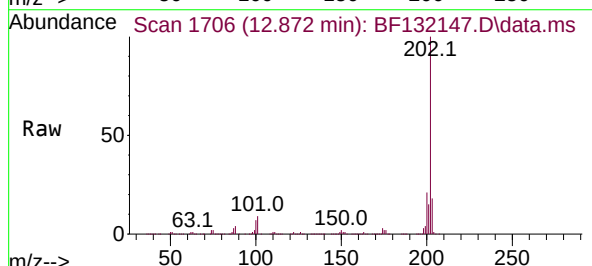
Tgt Ion:149 Resp: 1802008
Ion Ratio Lower Upper
149 100
150 9.5 7.5 11.3
104 6.0 4.3 6.5

Manual Integrations
APPROVED

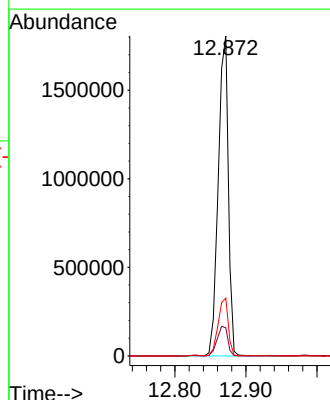
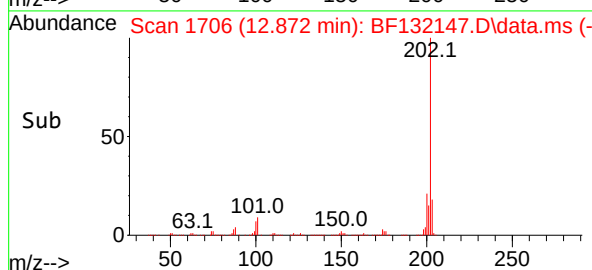
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

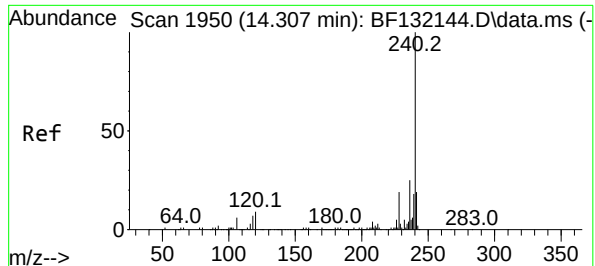


#75
Fluoranthene
Concen: 70.391 ng
RT: 12.872 min Scan# 1706
Delta R.T. 0.006 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11



Tgt Ion:202 Resp: 1789458
Ion Ratio Lower Upper
202 100
101 8.8 0.0 29.6
203 18.0 0.0 37.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.307 min Scan# 1950

Delta R.T. 0.000 min

Lab File: BF132147.D

Acq: 19 Jan 2023 15:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:240 Resp: 273781

Ion Ratio Lower Upper

240 100

120 10.0 6.9 10.3

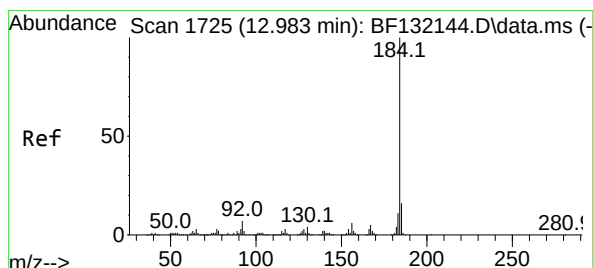
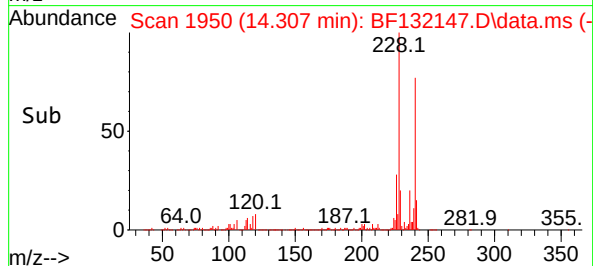
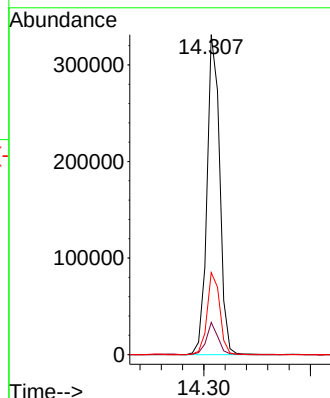
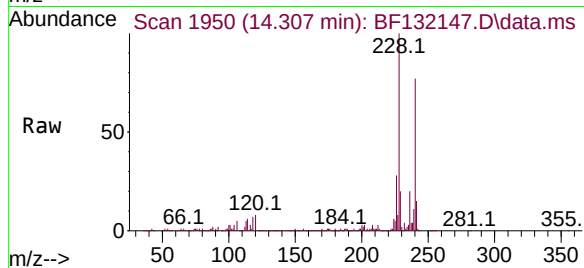
236 25.6 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#77

Benzidine

Concen: 69.473 ng

RT: 12.983 min Scan# 1725

Delta R.T. 0.000 min

Lab File: BF132147.D

Acq: 19 Jan 2023 15:11

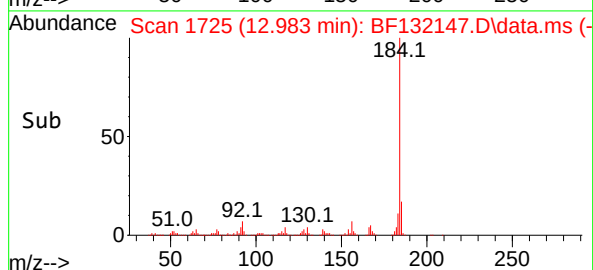
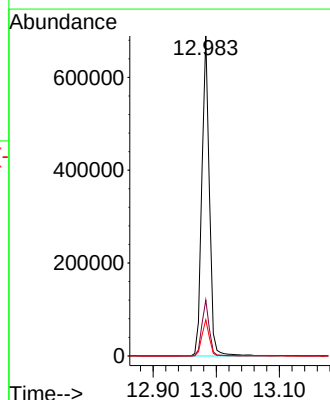
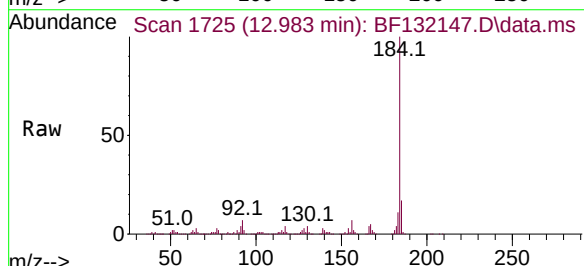
Tgt Ion:184 Resp: 571079

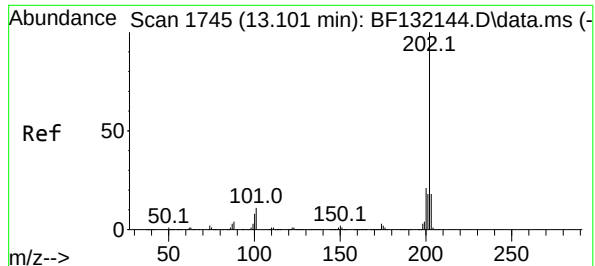
Ion Ratio Lower Upper

184 100

185 17.5 12.5 18.7

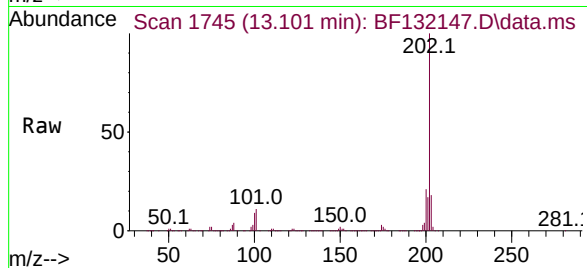
183 11.3 9.0 13.4





#78
Pyrene
Concen: 71.423 ng
RT: 13.101 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

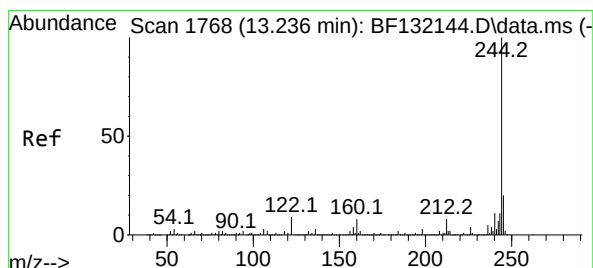
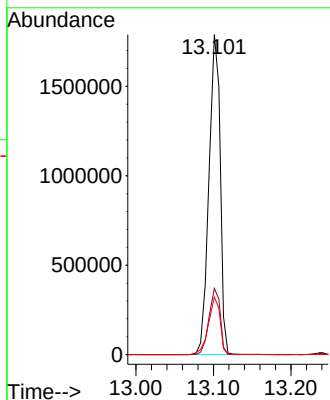
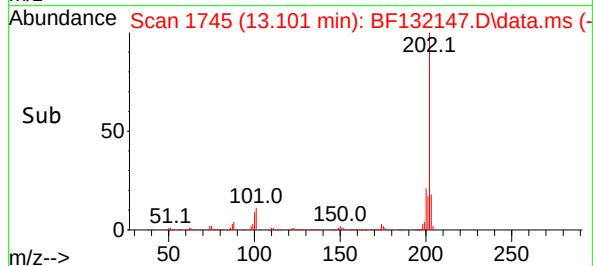
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



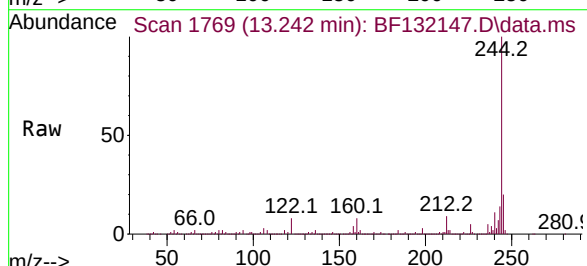
Tgt Ion:202 Resp: 1802135
Ion Ratio Lower Upper
202 100
200 20.7 16.7 25.1
203 18.0 14.0 21.0

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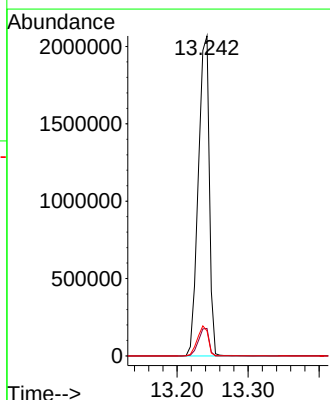
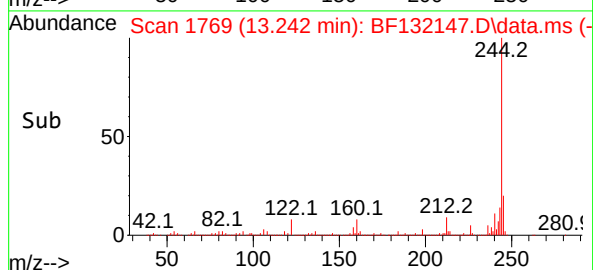
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

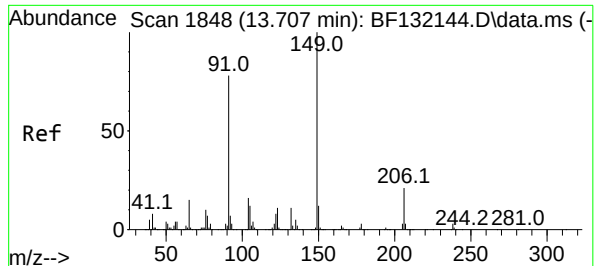


#79
Terphenyl-d14
Concen: 134.946 ng
RT: 13.242 min Scan# 1769
Delta R.T. 0.006 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11



Tgt Ion:244 Resp: 2205569
Ion Ratio Lower Upper
244 100
212 8.6 6.7 10.1
122 7.8 7.4 11.2





#80

Butylbenzylphthalate

Concen: 91.677 ng

RT: 13.713 min Scan# 1848

Delta R.T. 0.006 min

Lab File: BF132147.D

Acq: 19 Jan 2023 15:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:149 Resp: 670333

Ion Ratio Lower Upper

149 100

91 69.5 62.6 94.0

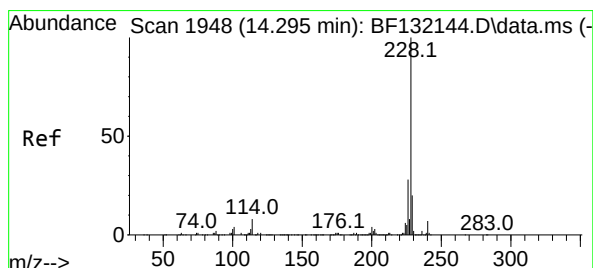
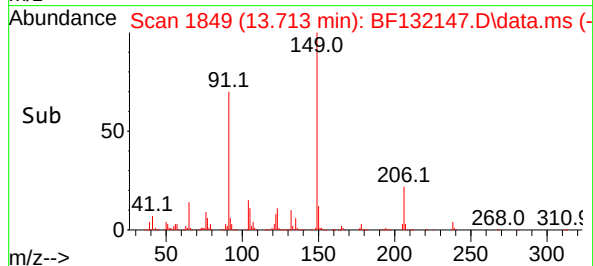
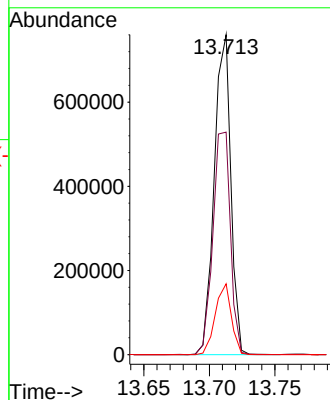
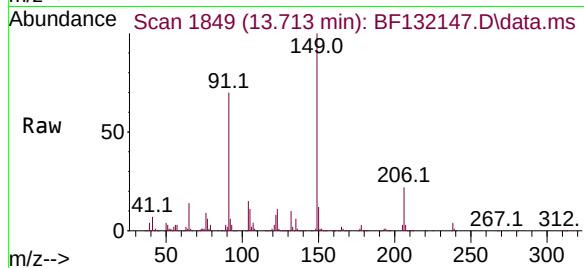
206 22.1 16.4 24.6

Manual Integrations

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#81

Benzo(a)anthracene

Concen: 78.742 ng

RT: 14.295 min Scan# 1948

Delta R.T. 0.000 min

Lab File: BF132147.D

Acq: 19 Jan 2023 15:11

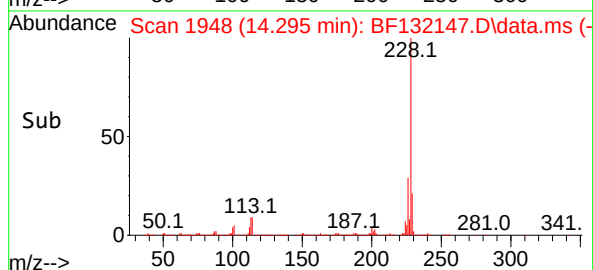
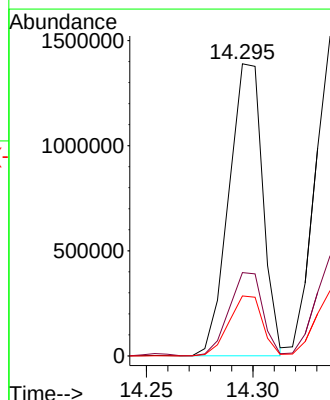
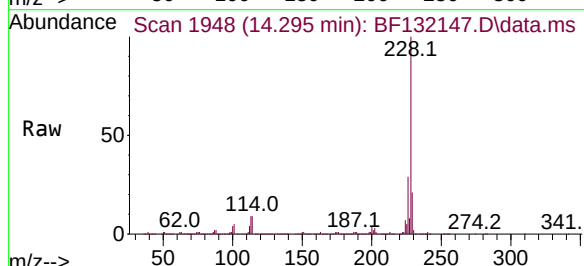
Tgt Ion:228 Resp: 1540103

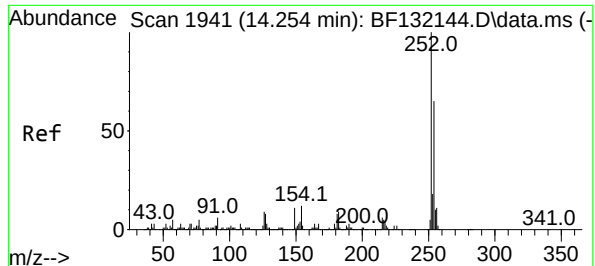
Ion Ratio Lower Upper

228 100

226 28.5 22.5 33.7

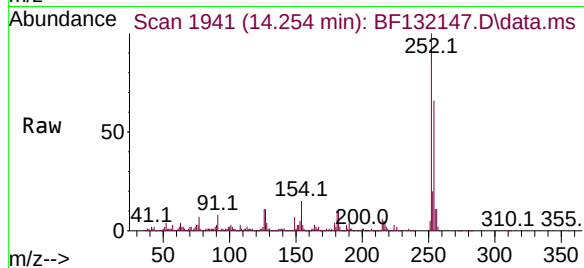
229 20.5 16.1 24.1





#82
3,3'-Dichlorobenzidine
Concen: 86.482 ng
RT: 14.254 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

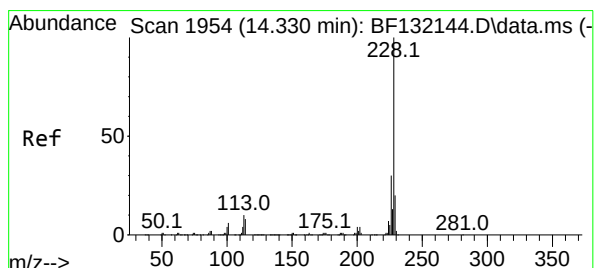
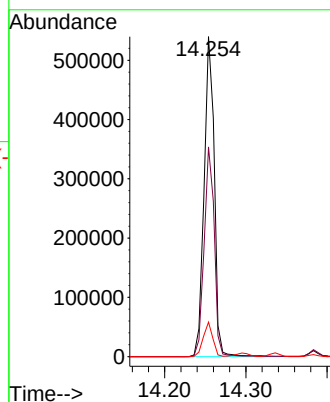
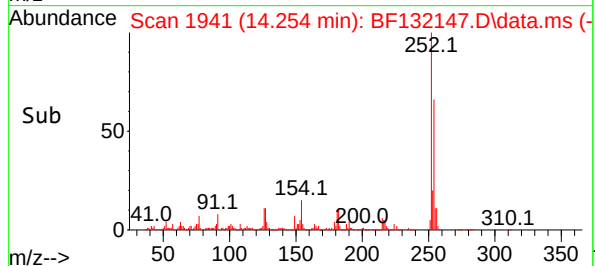
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:252 Resp: 471070
Ion Ratio Lower Upper
252 100
254 65.5 52.4 78.6
126 10.8 7.0 10.6

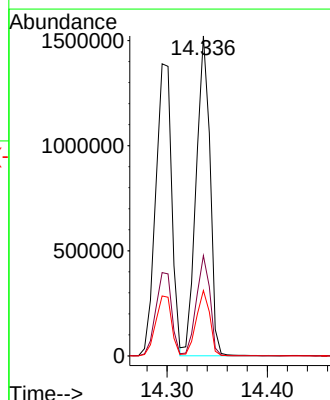
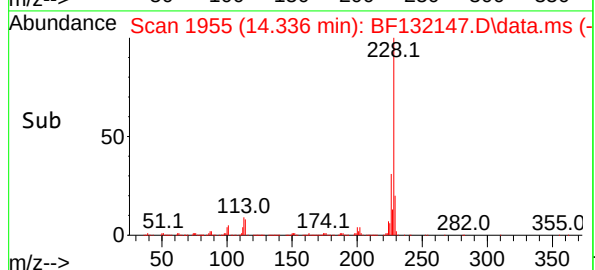
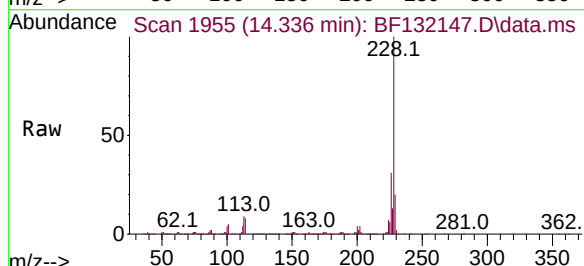
Manual Integrations
APPROVED

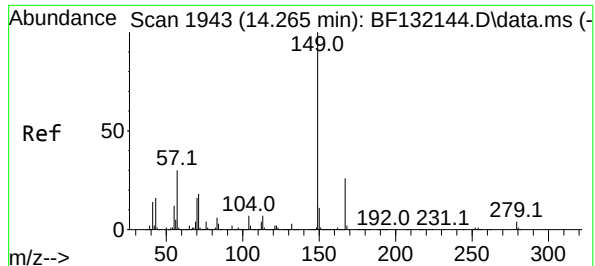
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#83
Chrysene
Concen: 77.939 ng
RT: 14.336 min Scan# 1955
Delta R.T. 0.006 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

Tgt Ion:228 Resp: 1451007
Ion Ratio Lower Upper
228 100
226 31.3 24.3 36.5
229 20.4 15.8 23.6





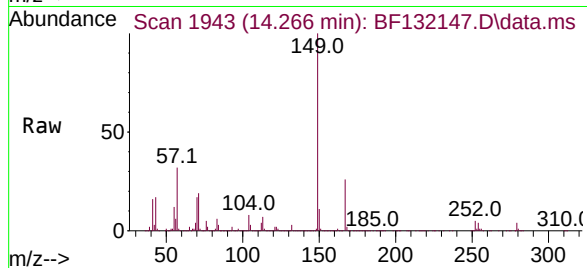
#84
Bis(2-ethylhexyl)phthalate
Concen: 94.139 ng
RT: 14.266 min Scan# 1943
Delta R.T. 0.001 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

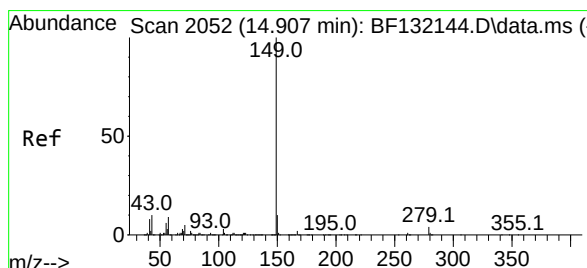
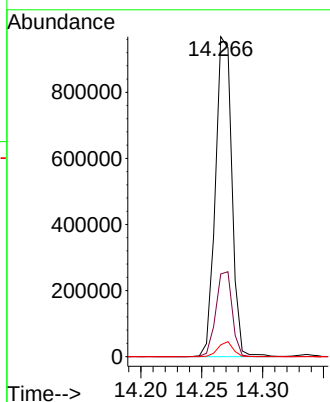
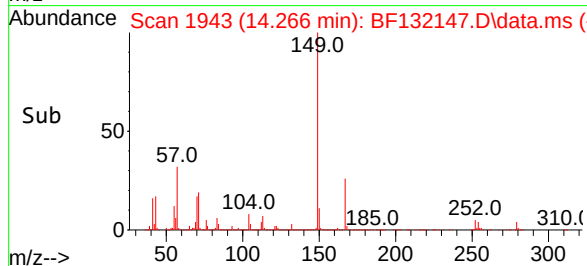


Tgt Ion:149 Resp: 908932
Ion Ratio Lower Upper
149 100
167 25.8 21.0 31.6
279 3.7 3.2 4.8

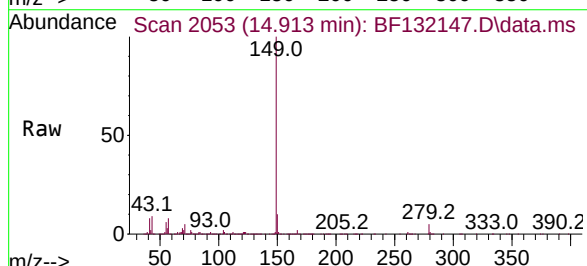
Manual Integrations

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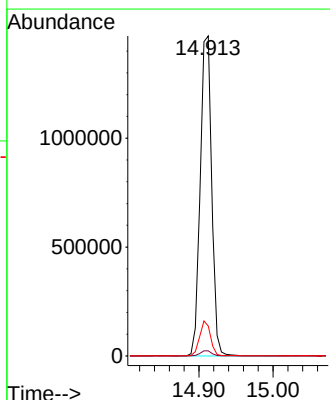
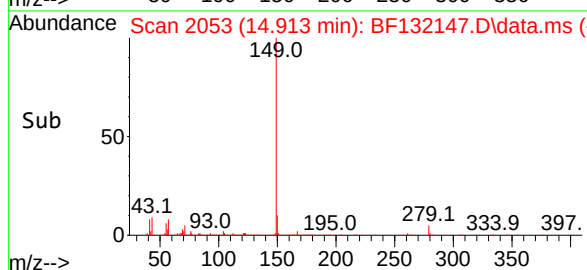
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

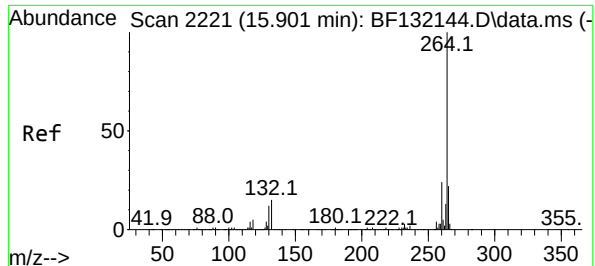


#85
Di-n-octyl phthalate
Concen: 106.755 ng
RT: 14.913 min Scan# 2053
Delta R.T. 0.006 min
Lab File: BF132147.D
Acq: 19 Jan 2023 15:11



Tgt Ion:149 Resp: 1582333
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.5 8.4 12.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.907 min Scan# 2221

Delta R.T. 0.006 min

Lab File: BF132147.D

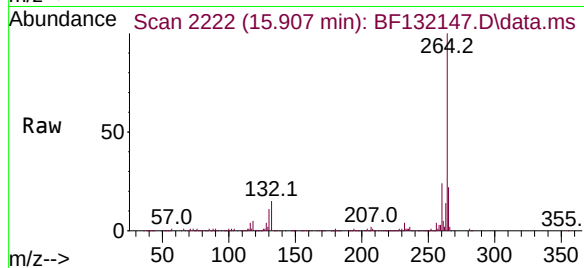
Acq: 19 Jan 2023 15:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:264 Resp: 342038

Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

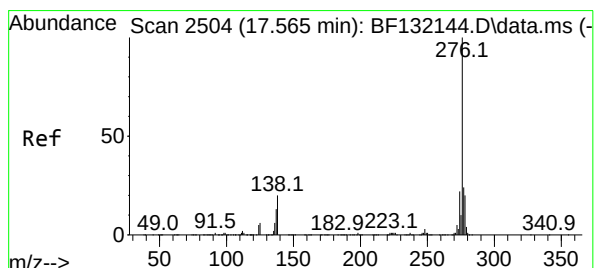
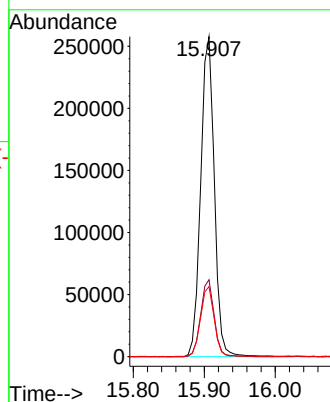
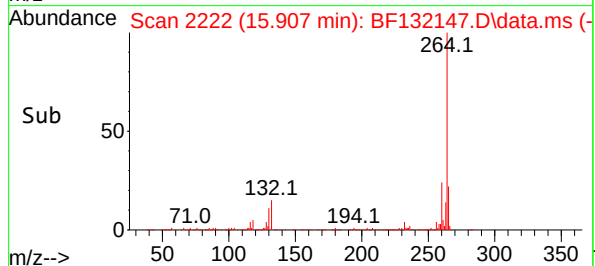
265 21.9 17.4 26.0

Manual Integrations

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#87

Indeno(1,2,3-cd)pyrene

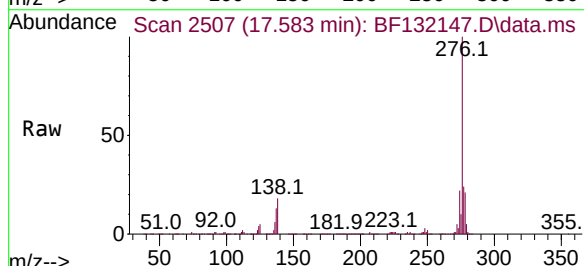
Concen: 88.906 ng

RT: 17.583 min Scan# 2507

Delta R.T. 0.018 min

Lab File: BF132147.D

Acq: 19 Jan 2023 15:11



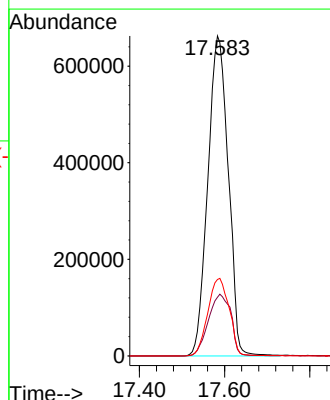
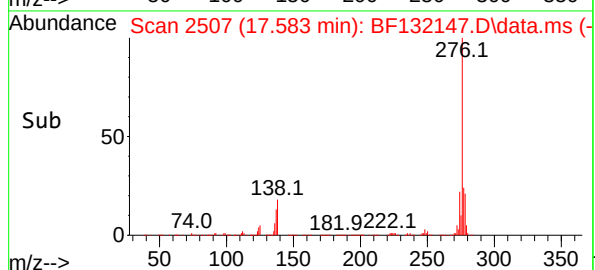
Tgt Ion:276 Resp: 2206787

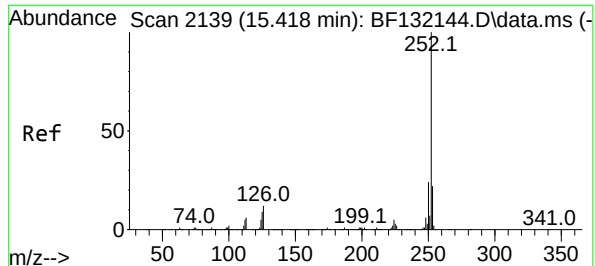
Ion Ratio Lower Upper

276 100

138 21.2 17.9 26.9

277 25.4 20.2 30.2





#88

Benzo(b)fluoranthene

Concen: 79.747 ng

RT: 15.430 min Scan# 2141

Delta R.T. 0.012 min

Lab File: BF132147.D

Acq: 19 Jan 2023 15:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 166077

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.6

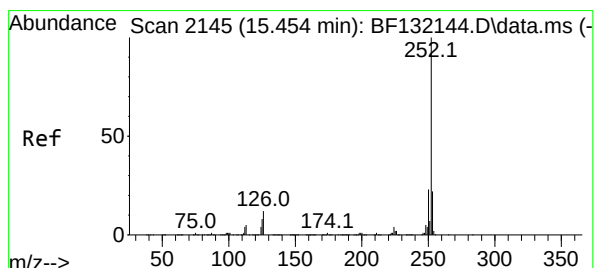
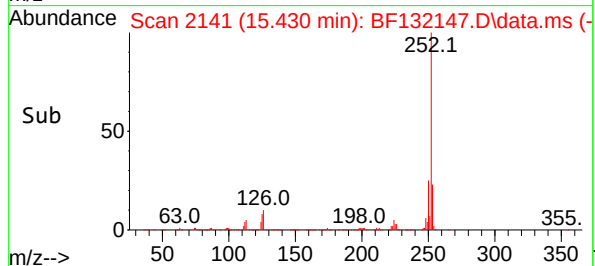
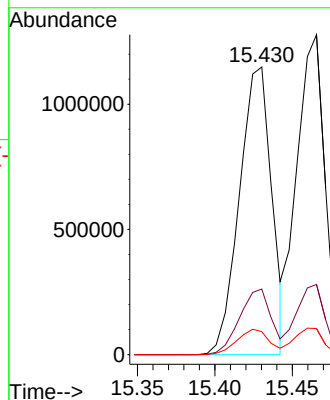
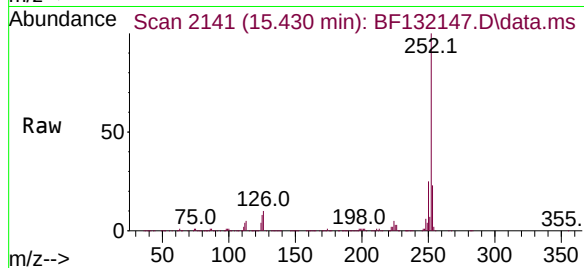
125 8.0 7.2 10.8

Manual Integrations

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#89

Benzo(k)fluoranthene

Concen: 75.797 ng

RT: 15.466 min Scan# 2147

Delta R.T. 0.012 min

Lab File: BF132147.D

Acq: 19 Jan 2023 15:11

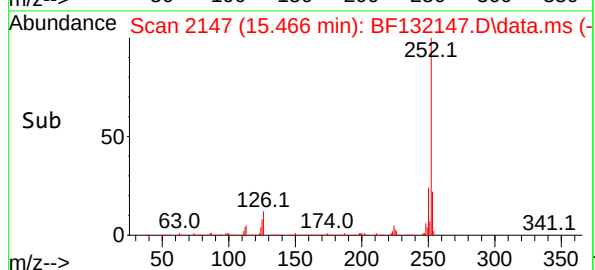
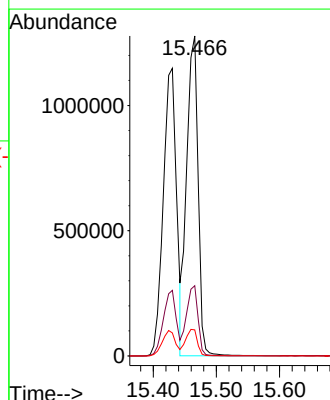
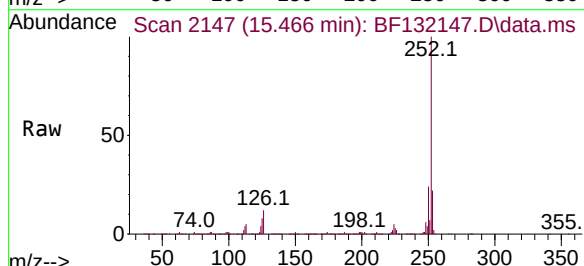
Tgt Ion:252 Resp: 1609871

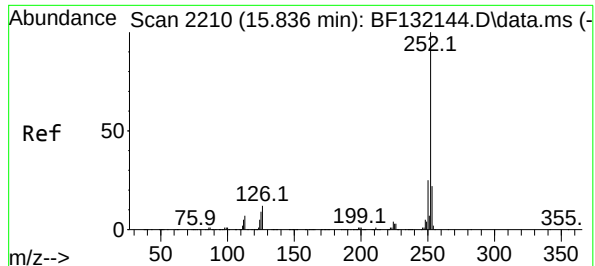
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 8.1 6.4 9.6





#90

Benzo(a)pyrene

Concen: 82.747 ng

RT: 15.842 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF132147.D

Acq: 19 Jan 2023 15:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 165770

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

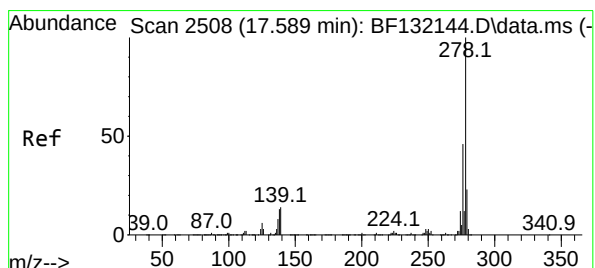
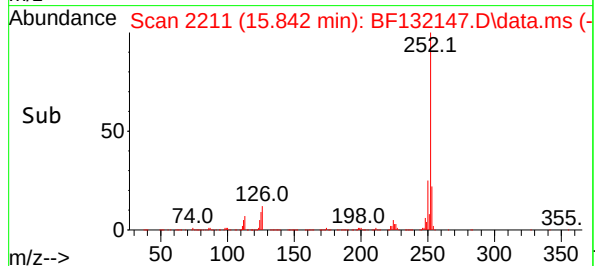
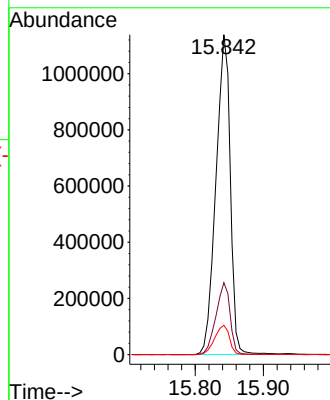
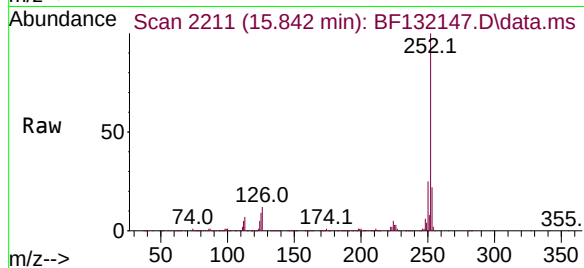
125 9.2 7.3 10.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#91

Dibenzo(a,h)anthracene

Concen: 85.719 ng

RT: 17.613 min Scan# 2512

Delta R.T. 0.024 min

Lab File: BF132147.D

Acq: 19 Jan 2023 15:11

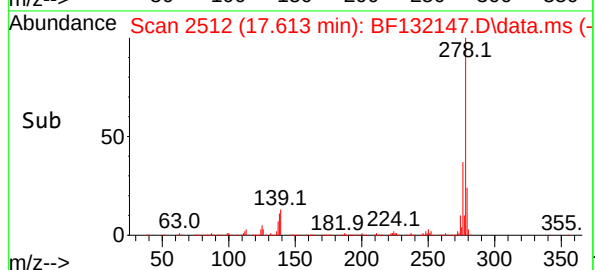
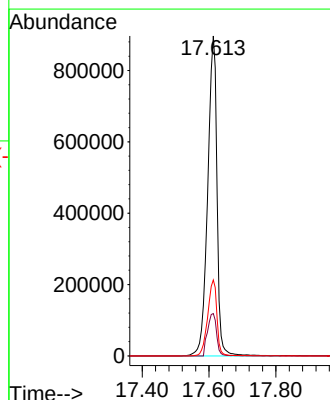
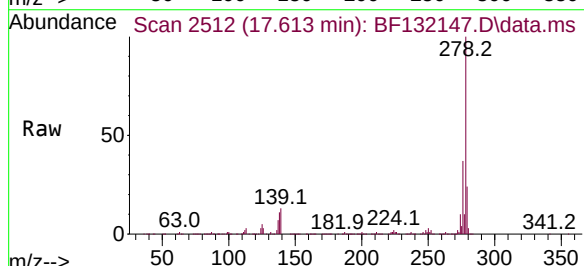
Tgt Ion:278 Resp: 1735171

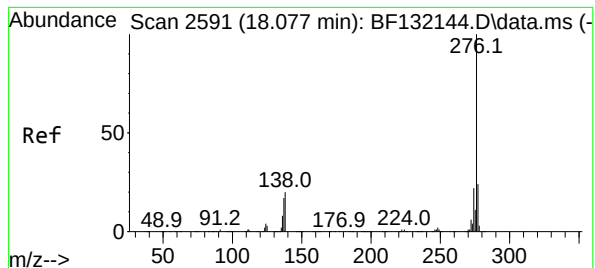
Ion Ratio Lower Upper

278 100

139 13.3 11.4 17.2

279 23.7 18.6 28.0





#92

Benzo(g,h,i)perylene

Concen: 88.954 ng

RT: 18.107 min Scan# 21

Delta R.T. 0.030 min

Lab File: BF132147.D

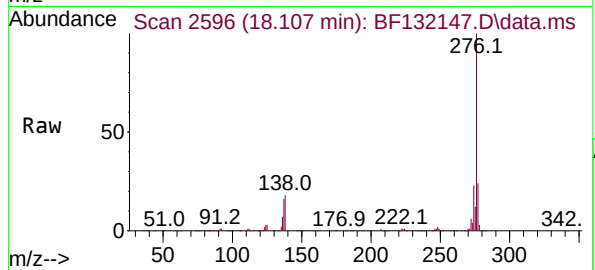
Acq: 19 Jan 2023 15:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:276 Resp: 1894782

Ion Ratio Lower Upper

276 100

277 24.0 18.9 28.3

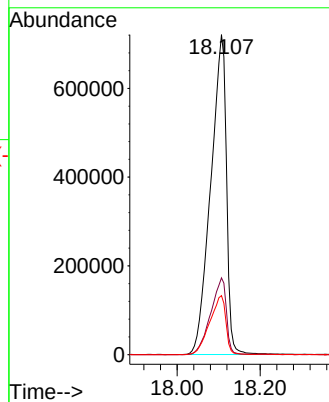
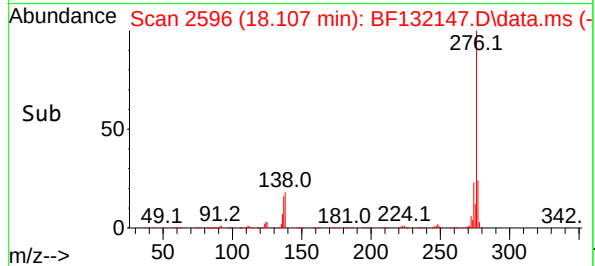
138 18.4 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011923\
 Data File : BF132148.D
 Acq On : 19 Jan 2023 15:44
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF011923

Quant Time: Jan 20 00:55:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:50:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.090	152	163547	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	561606	20.000	ng	0.00
39) Acenaphthene-d10	10.142	164	294382	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	541465	20.000	ng	0.00
76) Chrysene-d12	14.307	240	289030	20.000	ng	0.00
86) Perylene-d12	15.901	264	315389	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.707	112	745654	79.645	ng	0.00
7) Phenol-d6	6.701	99	936762	79.486	ng	0.00
23) Nitrobenzene-d5	7.654	82	876371	82.897	ng	0.00
42) 2,4,6-Tribromophenol	10.936	330	264106	83.991	ng	0.00
45) 2-Fluorobiphenyl	9.454	172	1484699	73.696	ng	0.00
79) Terphenyl-d14	13.236	244	1375266	79.705	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.013	88	186409	39.301	ng	99
3) Pyridine	3.778	79	507287	39.841	ng	100
4) n-Nitrosodimethylamine	3.737	42	242074	40.425	ng	100
6) Aniline	6.754	93	640806	39.256	ng	99
8) 2-Chlorophenol	6.872	128	399260	40.571	ng	100
9) Benzaldehyde	6.643	77	308063	40.632	ng	97
10) Phenol	6.713	94	487091	39.701	ng	99
11) bis(2-Chloroethyl)ether	6.819	93	407756	39.259	ng	99
12) 1,3-Dichlorobenzene	7.031	146	435096	39.552	ng	99
13) 1,4-Dichlorobenzene	7.107	146	439030	39.996	ng	98
14) 1,2-Dichlorobenzene	7.266	146	399382	39.349	ng	98
15) Benzyl Alcohol	7.225	79	374565	41.551	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.360	45	598742	39.664	ng	99
17) 2-Methylphenol	7.325	107	345436	40.067	ng	99
18) Hexachloroethane	7.607	117	163023	41.373	ng	98
19) n-Nitroso-di-n-propyla...	7.495	70	279754	38.753	ng	99
20) 3+4-Methylphenols	7.478	107	441586	40.648	ng	94
22) Acetophenone	7.501	105	515033	38.155	ng	99
24) Nitrobenzene	7.672	77	461525	41.232	ng	99
25) Isophorone	7.907	82	811356	39.224	ng	100
26) 2-Nitrophenol	7.990	139	188076	44.494	ng	96
27) 2,4-Dimethylphenol	8.013	122	360494	40.276	ng	100
28) bis(2-Chloroethoxy)met...	8.119	93	487002	39.240	ng	99
29) 2,4-Dichlorophenol	8.225	162	346157	40.736	ng	98
30) 1,2,4-Trichlorobenzene	8.319	180	379741	39.345	ng	100
31) Naphthalene	8.401	128	1120785	38.858	ng	99
32) Benzoic acid	8.107	122	246749	42.386	ng	93
33) 4-Chloroaniline	8.442	127	484982	39.292	ng	99
34) Hexachlorobutadiene	8.513	225	260381	40.159	ng	99
35) Caprolactam	8.813	113	100708	41.792	ng	98
36) 4-Chloro-3-methylphenol	8.907	107	347512	40.638	ng	97
37) 2-Methylnaphthalene	9.095	142	771500	38.851	ng	99
38) 1-Methylnaphthalene	9.195	142	713576	38.619	ng	99
40) 1,2,4,5-Tetrachloroben...	9.260	216	401549	39.204	ng	99
41) Hexachlorocyclopentadiene	9.242	237	239100	42.778	ng	99
43) 2,4,6-Trichlorophenol	9.366	196	263620	41.471	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011923\
 Data File : BF132148.D
 Acq On : 19 Jan 2023 15:44
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF011923

Quant Time: Jan 20 00:55:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:50:42 2023
 Response via : Initial Calibration

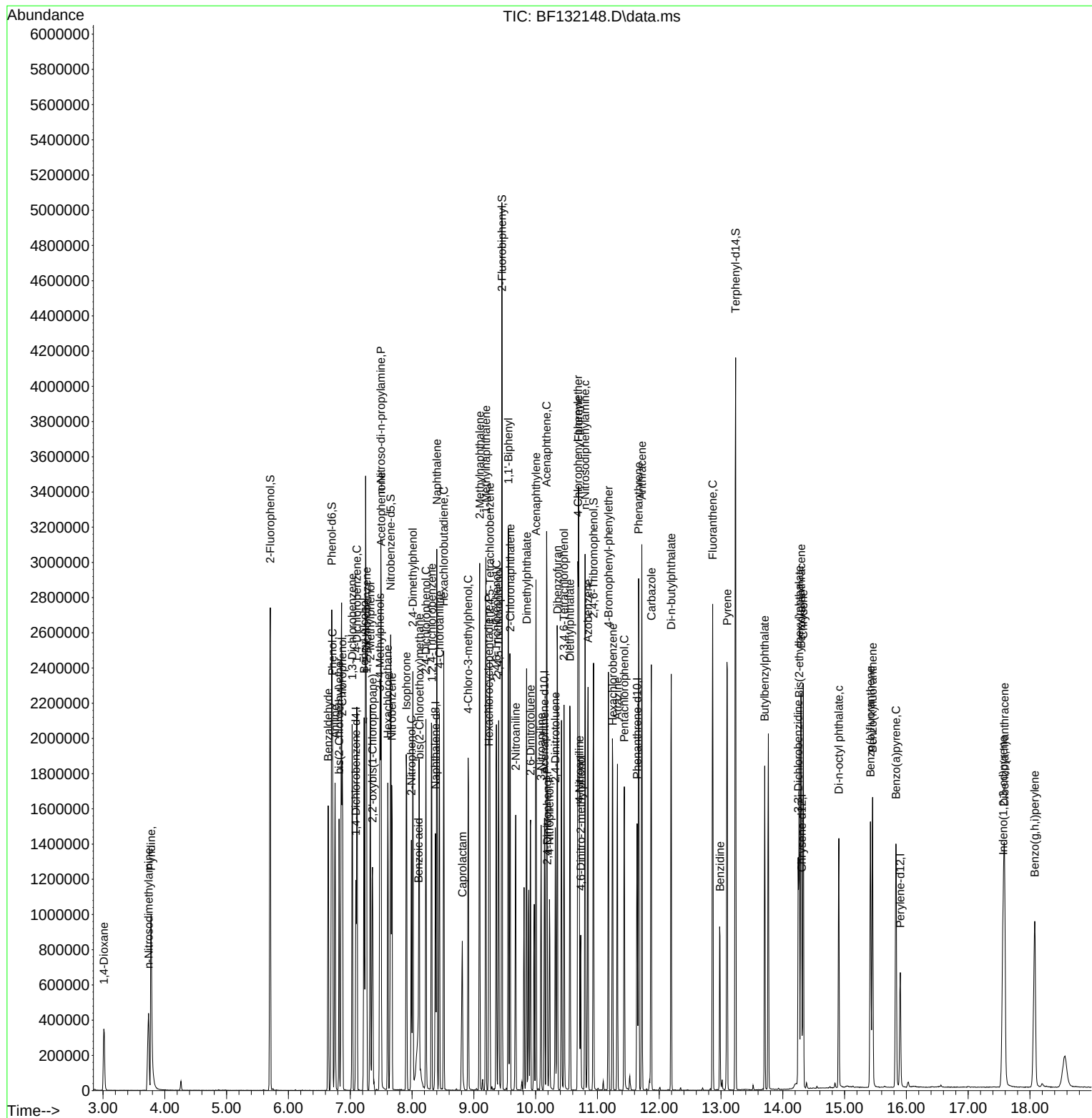
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.401	196	309687	41.656	ng	99
46) 1,1'-Biphenyl	9.560	154	906370	39.026	ng	99
47) 2-Chloronaphthalene	9.589	162	697476	38.849	ng	100
48) 2-Nitroaniline	9.678	65	232437	40.882	ng	98
49) Acenaphthylene	10.007	152	1125150	39.175	ng	99
50) Dimethylphthalate	9.854	163	847054	39.729	ng	99
51) 2,6-Dinitrotoluene	9.919	165	182283	44.109	ng	97
52) Acenaphthene	10.178	154	670346	38.803	ng	98
53) 3-Nitroaniline	10.089	138	192065	43.470	ng	98
54) 2,4-Dinitrophenol	10.189	184	77817	43.353	ng	83
55) Dibenzofuran	10.354	168	1029957	38.579	ng	99
56) 4-Nitrophenol	10.225	139	143657	44.675	ng	88
57) 2,4-Dinitrotoluene	10.319	165	226854	45.732	ng	98
58) Fluorene	10.695	166	755542	38.193	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.460	232	237937	42.074	ng	99
60) Diethylphthalate	10.554	149	828728	39.637	ng	98
61) 4-Chlorophenyl-phenyle...	10.684	204	412428	38.934	ng	99
62) 4-Nitroaniline	10.707	138	167869	40.810	ng	98
63) Azobenzene	10.848	77	811938	38.693	ng	98
65) 4,6-Dinitro-2-methylph...	10.731	198	111699	42.985	ng	94
66) n-Nitrosodiphenylamine	10.801	169	682412	39.352	ng	99
67) 4-Bromophenyl-phenylether	11.178	248	261124	39.565	ng	98
68) Hexachlorobenzene	11.248	284	260189	39.667	ng	98
69) Atrazine	11.325	200	216709	40.505	ng	99
70) Pentachlorophenol	11.436	266	185687	44.053	ng	98
71) Phenanthrene	11.666	178	1106432	38.938	ng	100
72) Anthracene	11.719	178	1118170	38.898	ng	99
73) Carbazole	11.872	167	936219	38.127	ng	98
74) Di-n-butylphthalate	12.195	149	1101796	40.307	ng	99
75) Fluoranthene	12.866	202	1097474	37.600	ng	99
77) Benzidine	12.983	184	352976	40.675	ng	99
78) Pyrene	13.101	202	1091496	40.977	ng	99
80) Butylbenzylphthalate	13.707	149	356250	41.476	ng	95
81) Benzo(a)anthracene	14.295	228	823181	39.867	ng	99
82) 3,3'-Dichlorobenzidine	14.248	252	255697	44.466	ng	# 98
83) Chrysene	14.330	228	775281	39.446	ng	99
84) Bis(2-ethylhexyl)phtha...	14.266	149	468631	40.877	ng	99
85) Di-n-octyl phthalate	14.907	149	699411	42.292	ng	99
87) Indeno(1,2,3-cd)pyrene	17.565	276	1022972	41.080	ng	99
88) Benzo(b)fluoranthene	15.418	252	789087	41.092	ng	99
89) Benzo(k)fluoranthene	15.454	252	756317	38.618	ng	99
90) Benzo(a)pyrene	15.830	252	762470	41.276	ng	98
91) Dibenzo(a,h)anthracene	17.589	278	836172	44.798	ng	98
92) Benzo(g,h,i)perylene	18.077	276	867368	40.647	ng	100

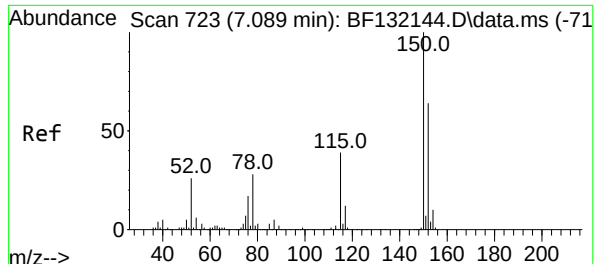
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011923\
Data File : BF132148.D
Acq On : 19 Jan 2023 15:44
Operator : CG\JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF011923

Quant Time: Jan 20 00:55:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 20 00:50:42 2023
Response via : Initial Calibration

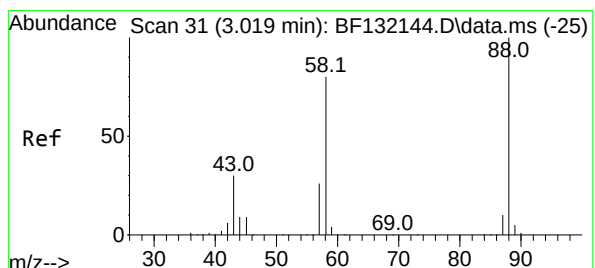
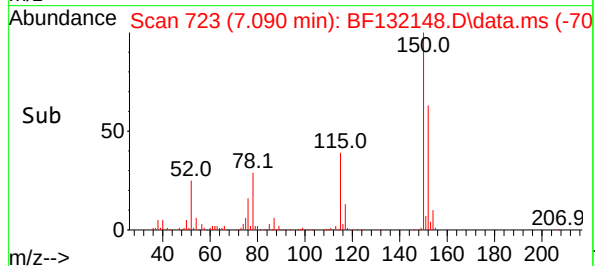
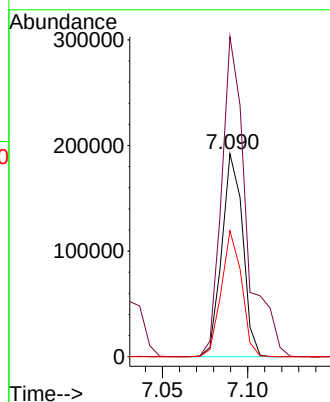
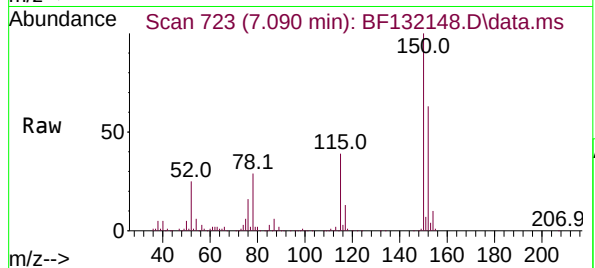




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.090 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF132148.D
Acq: 19 Jan 2023 15:44

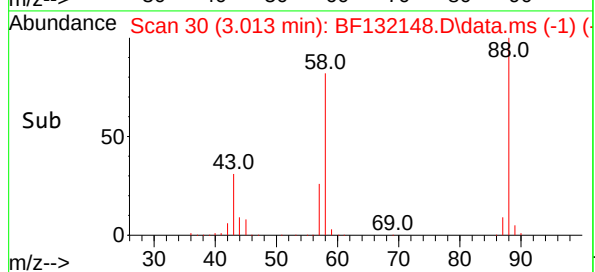
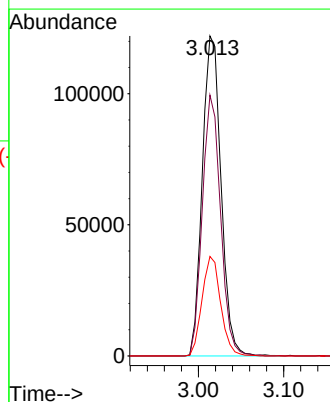
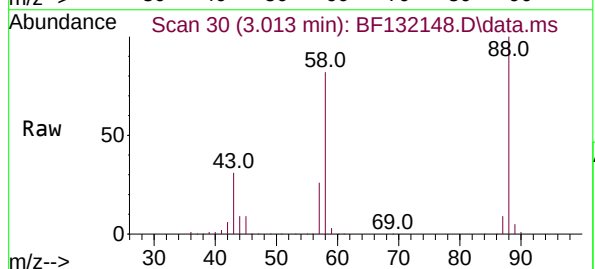
Instrument :
BNA_F
ClientSampleId :
ICVBF011923

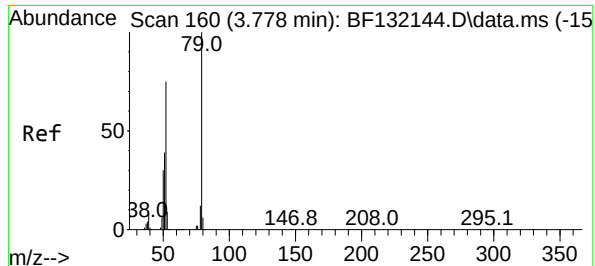
Tgt Ion:152 Resp: 163547
Ion Ratio Lower Upper
152 100
150 157.8 125.8 188.8
115 62.0 49.2 73.8



#2
1,4-Dioxane
Concen: 39.301 ng
RT: 3.013 min Scan# 30
Delta R.T. -0.006 min
Lab File: BF132148.D
Acq: 19 Jan 2023 15:44

Tgt Ion: 88 Resp: 186409
Ion Ratio Lower Upper
88 100
58 79.4 64.0 96.0
43 30.8 24.2 36.4





#3

Pyridine

Concen: 39.841 ng

RT: 3.778 min Scan# 160

Delta R.T. 0.000 min

Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

Instrument :

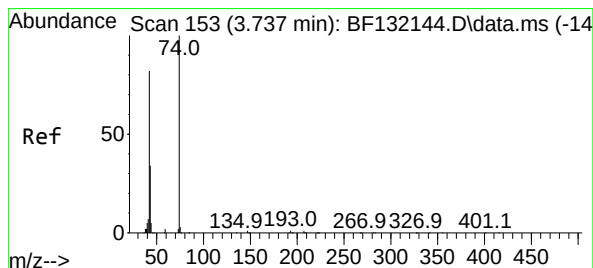
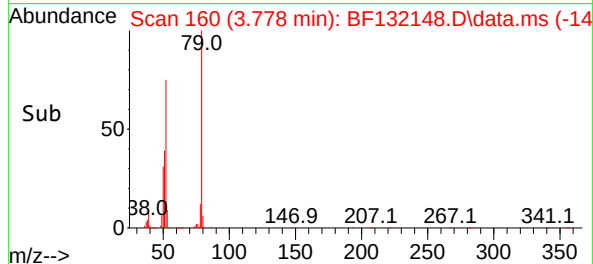
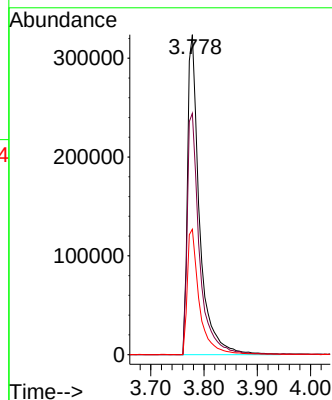
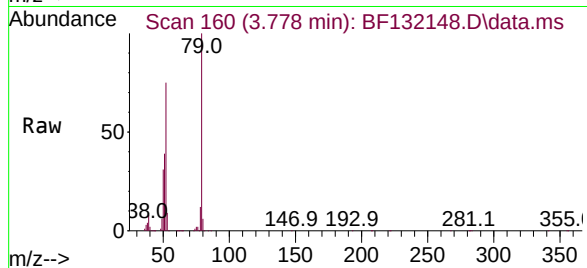
BNA_F

ClientSampleId :

ICVBF011923

Tgt Ion: 79 Resp: 507287

Ion	Ratio	Lower	Upper
79	100		
52	75.4	60.1	90.1
51	39.2	31.4	47.0



#4

n-Nitrosodimethylamine

Concen: 40.425 ng

RT: 3.737 min Scan# 153

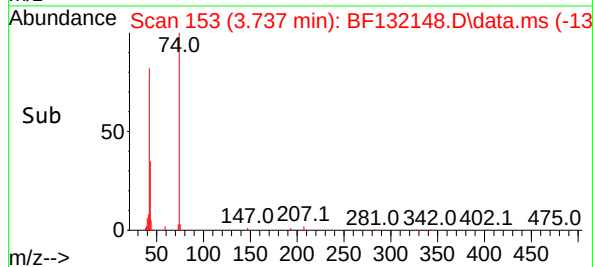
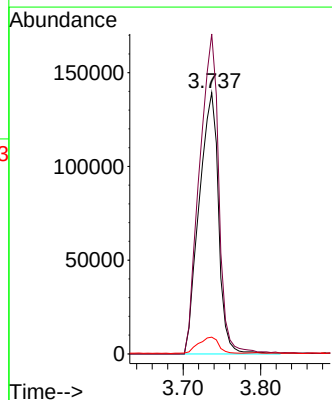
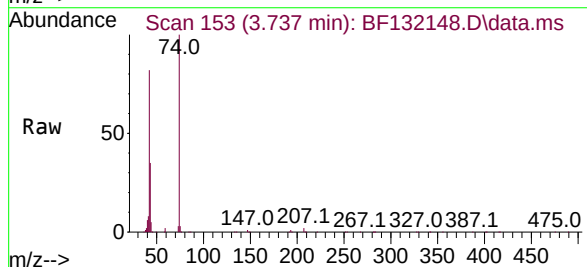
Delta R.T. 0.000 min

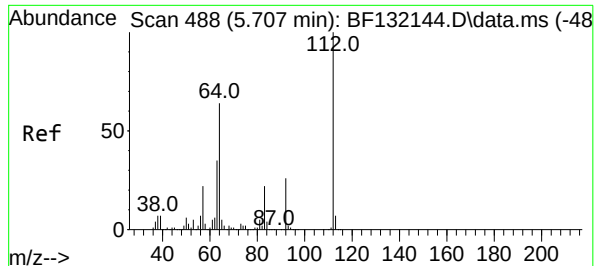
Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

Tgt Ion: 42 Resp: 242074

Ion	Ratio	Lower	Upper
42	100		
74	122.5	98.1	147.1
44	6.4	5.2	7.8

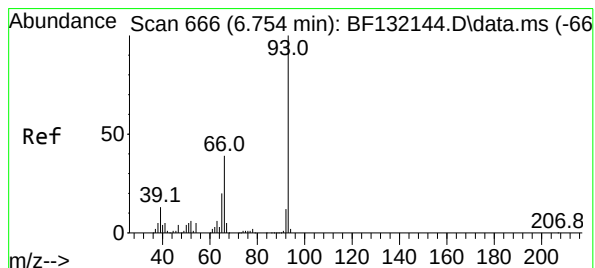
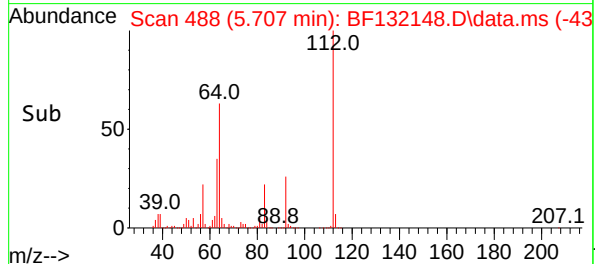
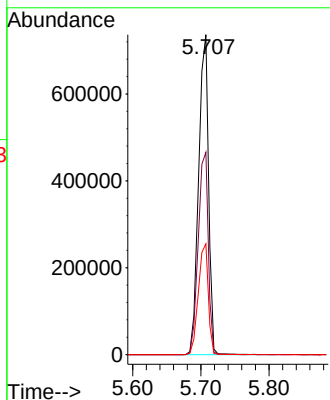
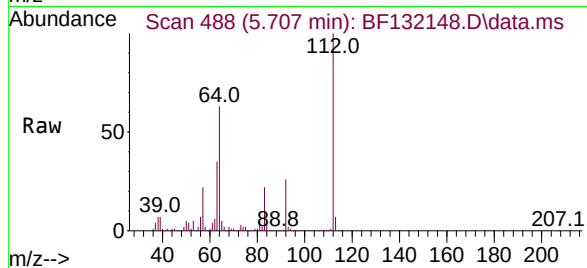




#5
2-Fluorophenol
Concen: 79.645 ng
RT: 5.707 min Scan# 488
Delta R.T. 0.000 min
Lab File: BF132148.D
Acq: 19 Jan 2023 15:44

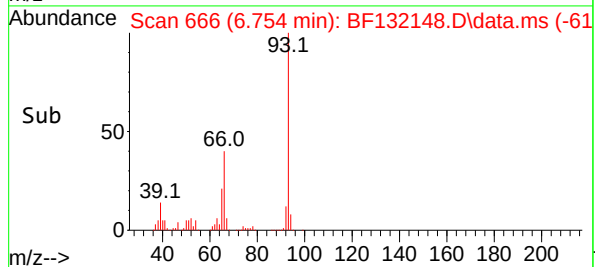
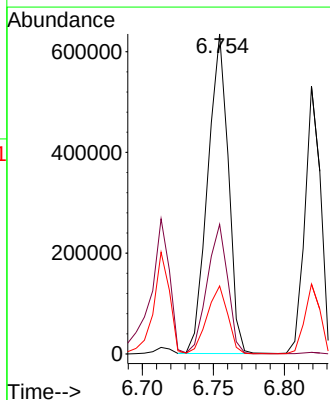
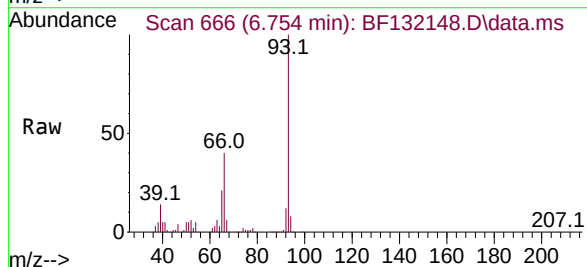
Instrument :
BNA_F
ClientSampleId :
ICVBF011923

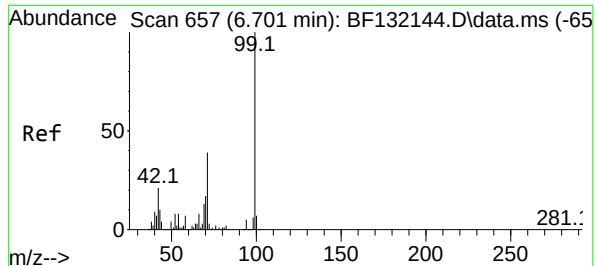
Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.2	51.4	77.0
63	34.6	28.2	42.2



#6
Aniline
Concen: 39.256 ng
RT: 6.754 min Scan# 666
Delta R.T. 0.000 min
Lab File: BF132148.D
Acq: 19 Jan 2023 15:44

Tgt Ion	Ratio	Lower	Upper
93	100		
66	40.5	33.0	49.6
65	21.2	16.8	25.2





#7

Phenol-d6

Concen: 79.486 ng

RT: 6.701 min Scan# 61

Delta R.T. 0.000 min

Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

Instrument :

BNA_F

ClientSampleId :

ICVBF011923

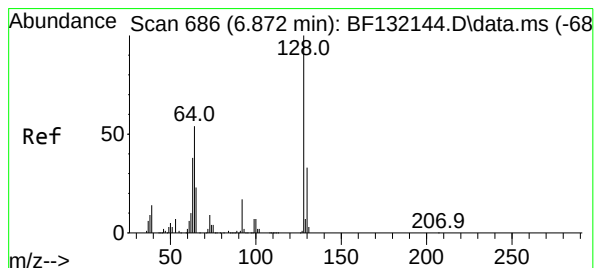
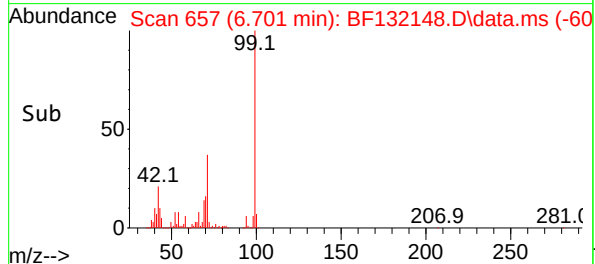
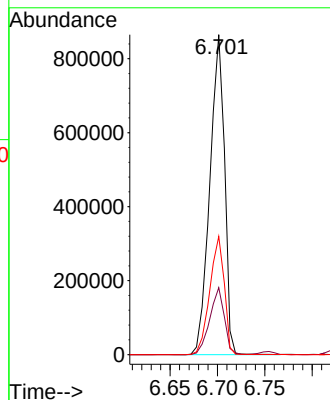
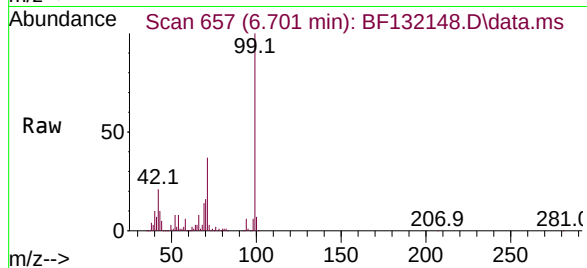
Tgt Ion: 99 Resp: 936762

Ion Ratio Lower Upper

99 100

42 20.9 16.6 24.8

71 36.9 30.8 46.2



#8

2-Chlorophenol

Concen: 40.571 ng

RT: 6.872 min Scan# 686

Delta R.T. 0.000 min

Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

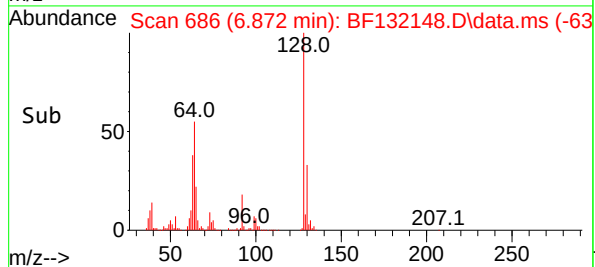
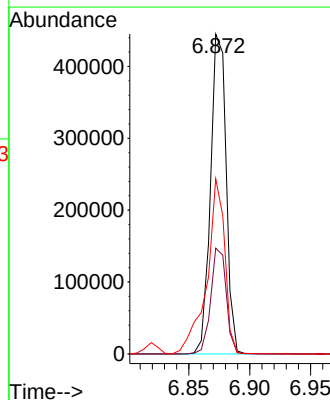
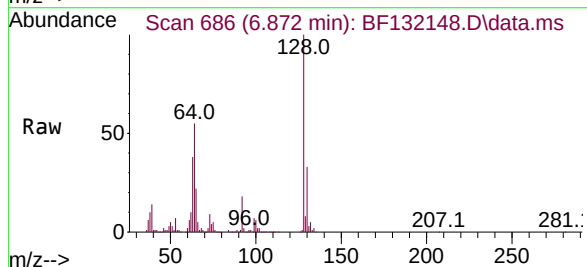
Tgt Ion: 128 Resp: 399260

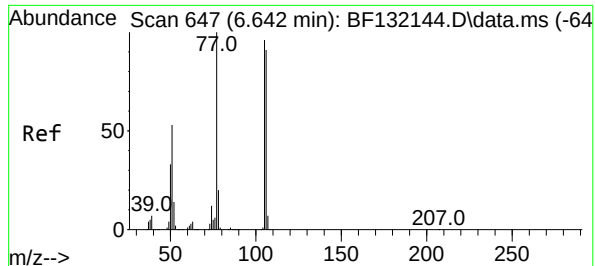
Ion Ratio Lower Upper

128 100

130 33.0 12.8 52.8

64 54.7 34.8 74.8





#9

Benzaldehyde

Concen: 40.632 ng

RT: 6.643 min Scan# 647

Delta R.T. 0.001 min

Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

Instrument :

BNA_F

ClientSampleId :

ICVBF011923

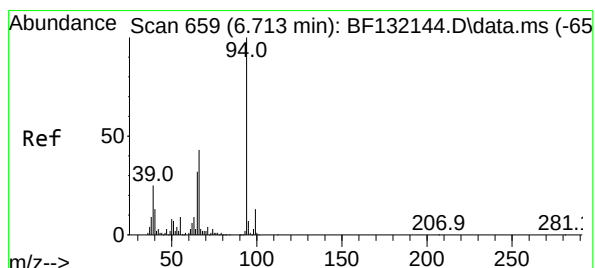
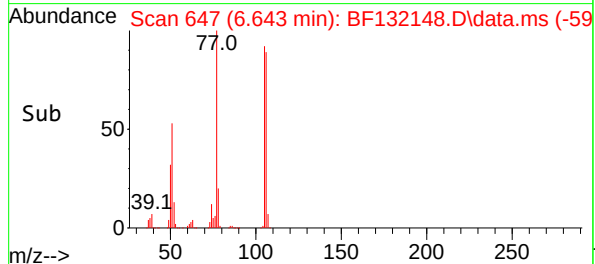
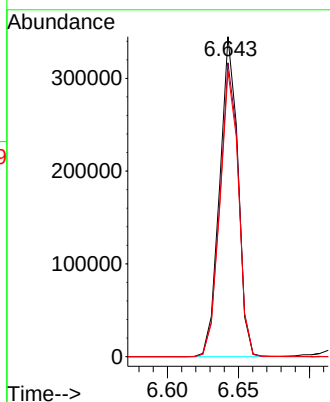
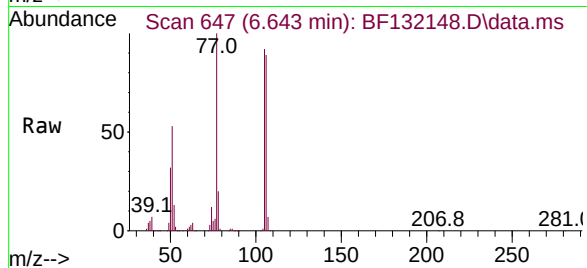
Tgt Ion: 77 Resp: 308063

Ion Ratio Lower Upper

77 100

105 91.8 75.5 115.5

106 89.2 70.7 110.7



#10

Phenol

Concen: 39.701 ng

RT: 6.713 min Scan# 659

Delta R.T. 0.000 min

Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

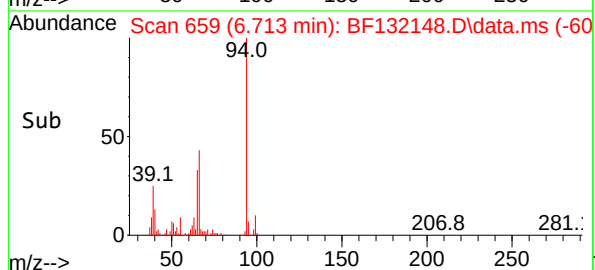
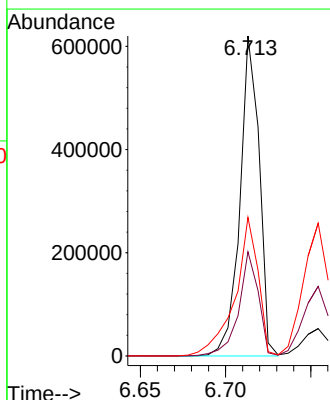
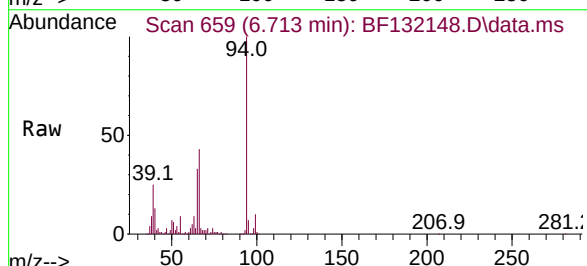
Tgt Ion: 94 Resp: 487091

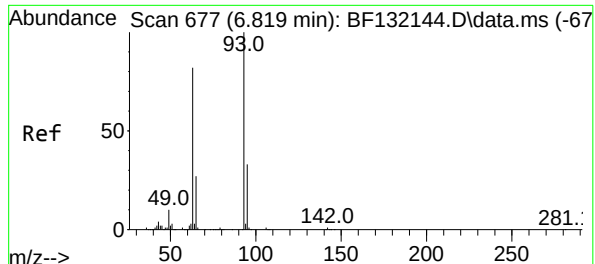
Ion Ratio Lower Upper

94 100

65 32.6 12.0 52.0

66 43.3 22.7 62.7

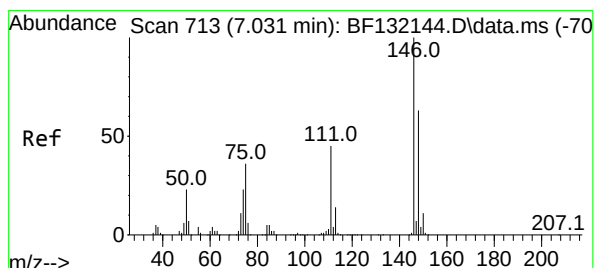
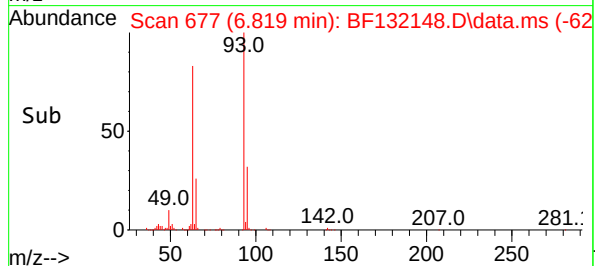
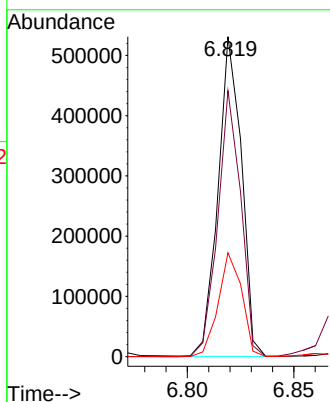
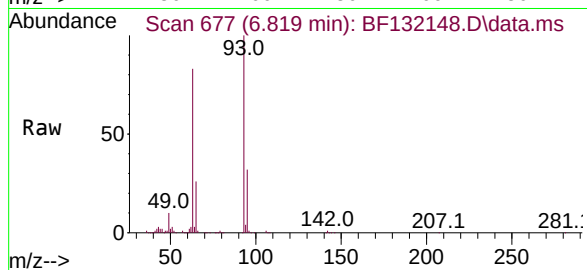




#11
bis(2-Chloroethyl)ether
Concen: 39.259 ng
RT: 6.819 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132148.D
Acq: 19 Jan 2023 15:44

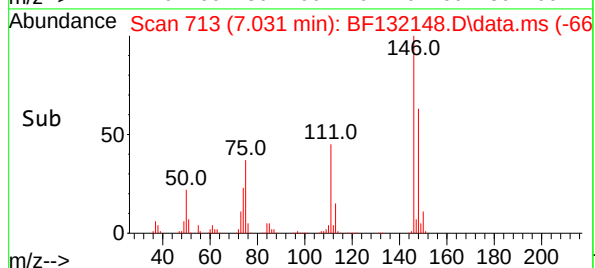
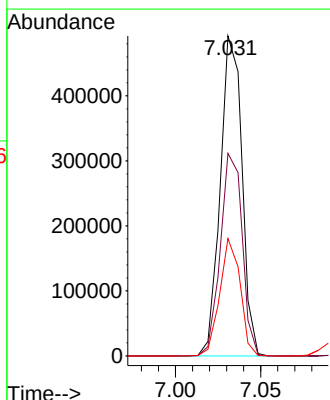
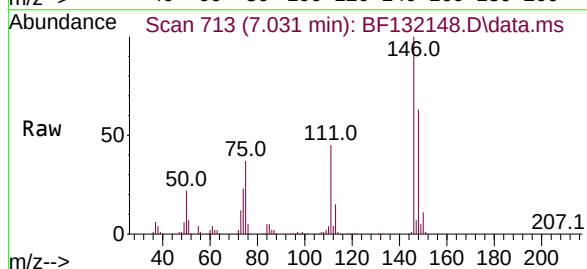
Instrument :
BNA_F
ClientSampleId :
ICVBF011923

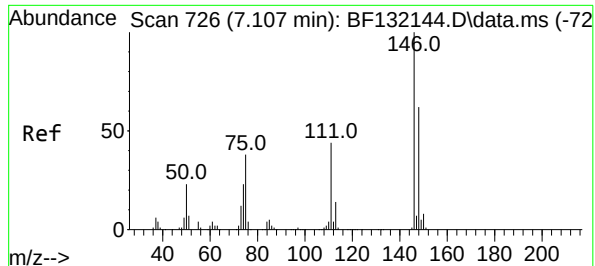
Tgt Ion: 93 Resp: 407756
Ion Ratio Lower Upper
93 100
63 83.1 61.6 101.6
95 32.4 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 39.552 ng
RT: 7.031 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF132148.D
Acq: 19 Jan 2023 15:44

Tgt Ion: 146 Resp: 435096
Ion Ratio Lower Upper
146 100
148 63.3 50.0 75.0
75 36.7 28.8 43.2





#13

1,4-Dichlorobenzene

Concen: 39.996 ng

RT: 7.107 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

Instrument :

BNA_F

ClientSampleId :

ICVBF011923

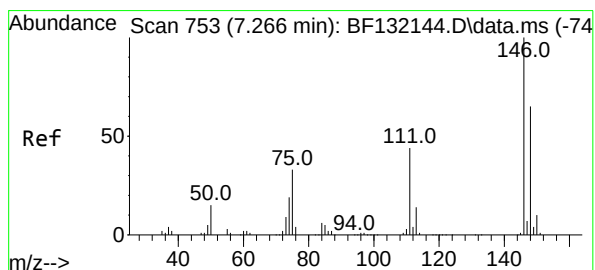
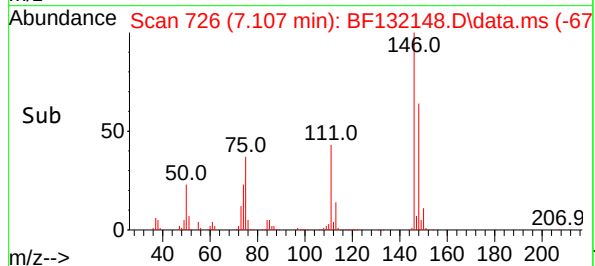
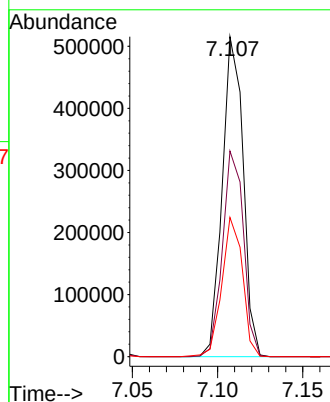
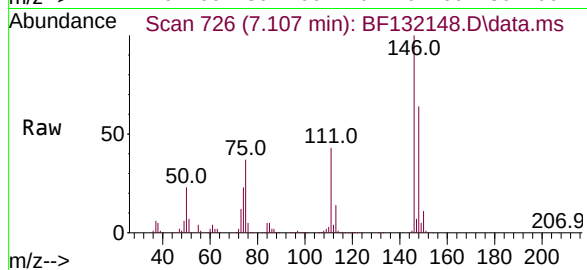
Tgt Ion:146 Resp: 439030

Ion Ratio Lower Upper

146 100

148 64.2 49.9 74.9

111 43.5 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 39.349 ng

RT: 7.266 min Scan# 753

Delta R.T. 0.000 min

Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

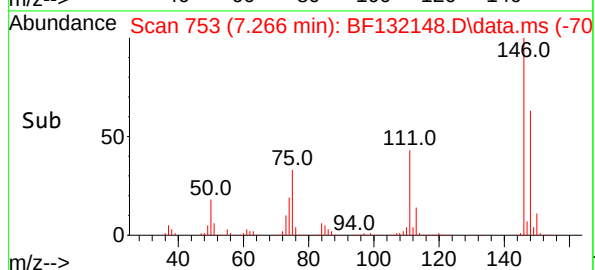
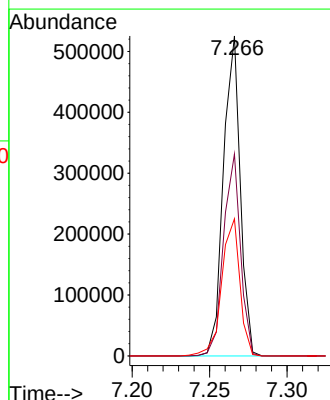
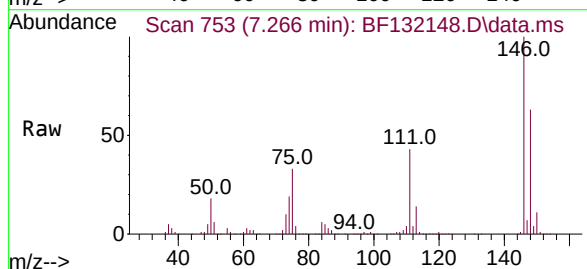
Tgt Ion:146 Resp: 399382

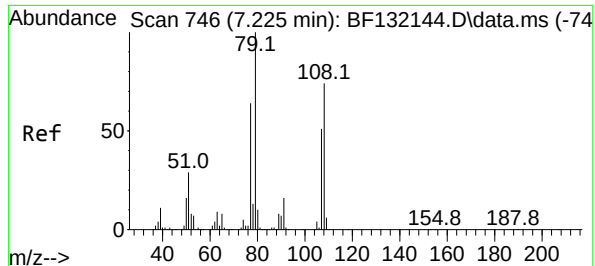
Ion Ratio Lower Upper

146 100

148 63.1 52.0 78.0

111 42.8 35.4 53.2

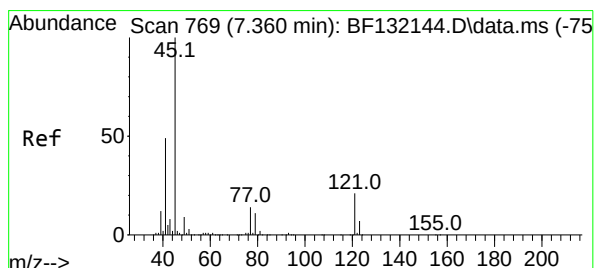
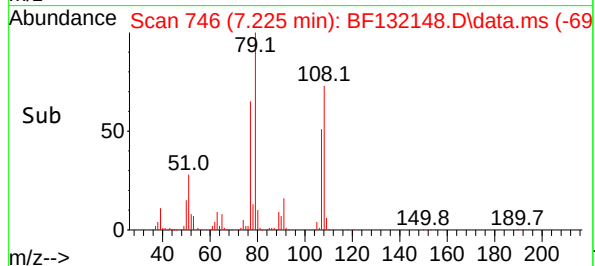
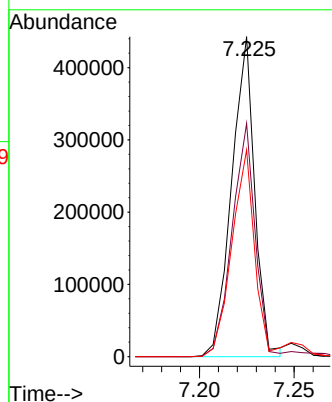
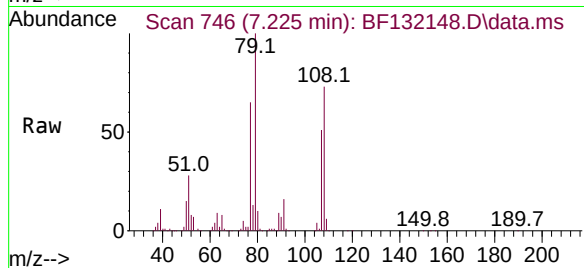




#15
Benzyl Alcohol
Concen: 41.551 ng
RT: 7.225 min Scan# 746
Delta R.T. 0.000 min
Lab File: BF132148.D
Acq: 19 Jan 2023 15:44

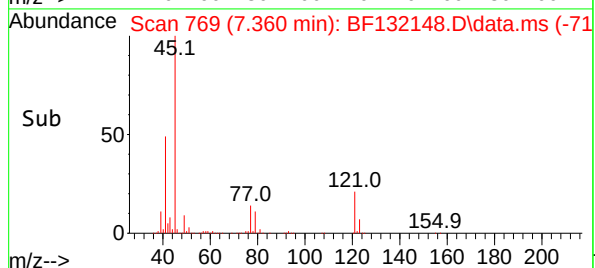
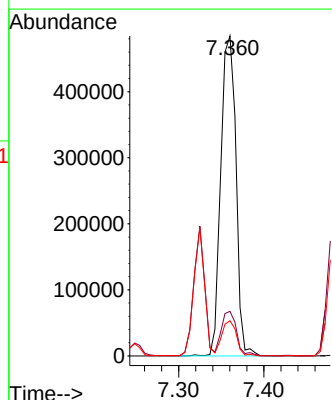
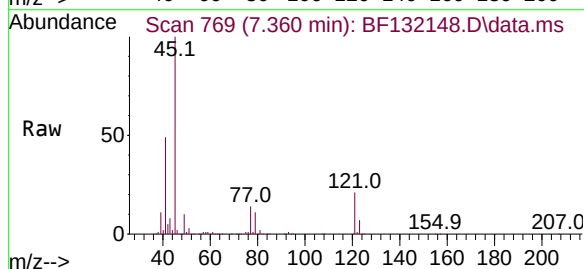
Instrument :
BNA_F
ClientSampleId :
ICVBF011923

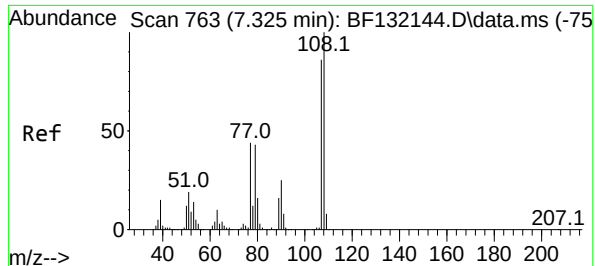
Tgt Ion: 79 Resp: 374565
Ion Ratio Lower Upper
79 100
108 72.9 58.9 88.3
77 64.6 51.1 76.7



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.664 ng
RT: 7.360 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF132148.D
Acq: 19 Jan 2023 15:44

Tgt Ion: 45 Resp: 598742
Ion Ratio Lower Upper
45 100
77 14.0 0.0 34.3
79 11.0 0.0 30.9

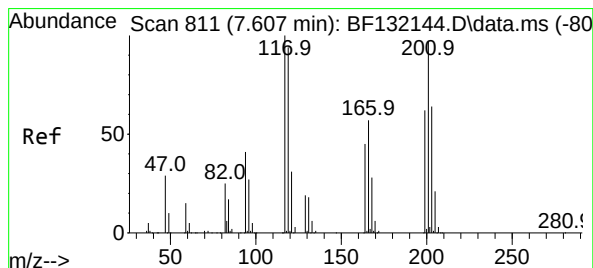
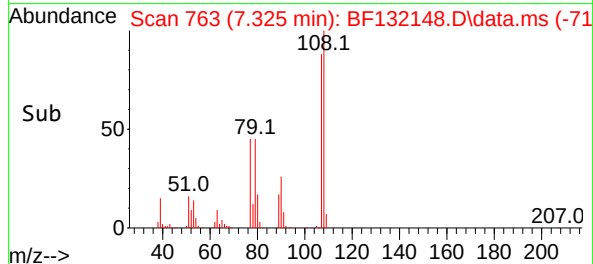
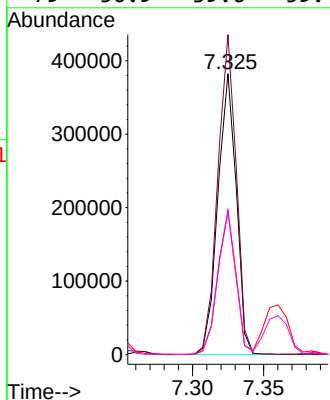
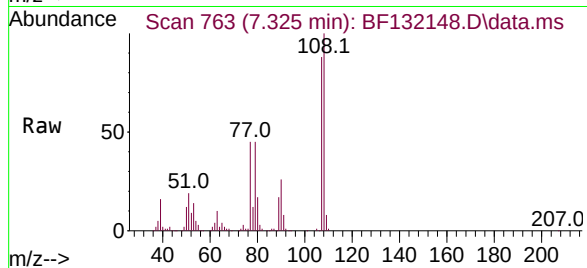




#17
2-Methylphenol
Concen: 40.067 ng
RT: 7.325 min Scan# 763
Delta R.T. -0.000 min
Lab File: BF132148.D
Acq: 19 Jan 2023 15:44

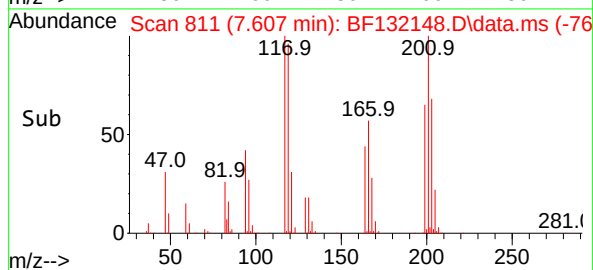
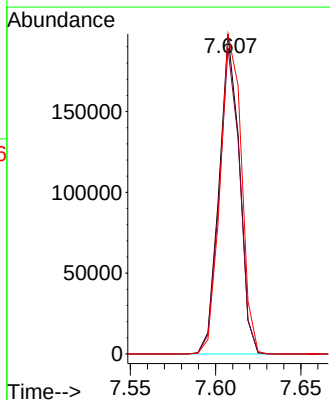
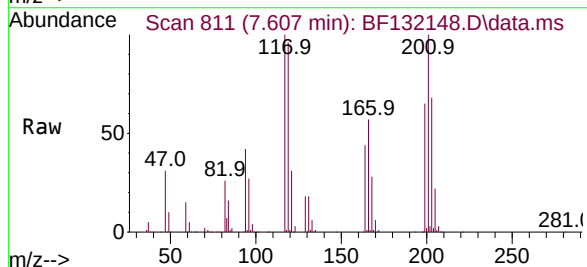
Instrument :
BNA_F
ClientSampleId :
ICVBF011923

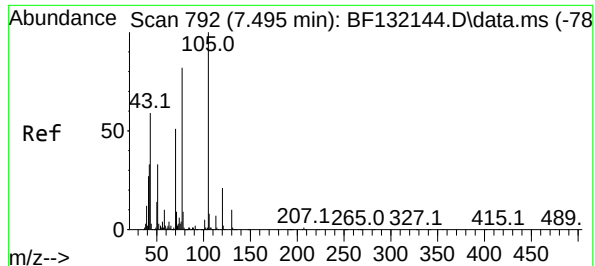
Tgt Ion:	107	Resp:	345436
Ion	Ratio	Lower	Upper
107	100		
108	113.9	92.8	139.2
77	51.4	41.1	61.7
79	50.9	39.6	59.4



#18
Hexachloroethane
Concen: 41.373 ng
RT: 7.607 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF132148.D
Acq: 19 Jan 2023 15:44

Tgt Ion:	117	Resp:	163023
Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.4	113.0
201	100.0	77.9	116.9





#19

n-Nitroso-di-n-propylamine

Concen: 38.753 ng

RT: 7.495 min Scan# 792

Delta R.T. 0.000 min

Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

Instrument :

BNA_F

ClientSampleId :

ICVBF011923

Tgt Ion: 70 Resp: 279754

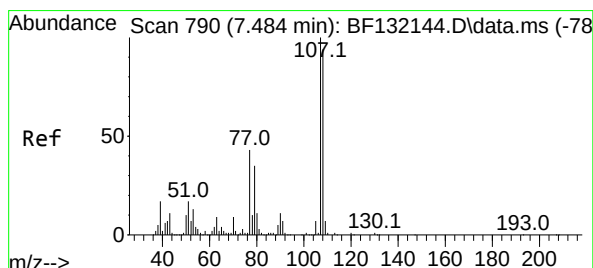
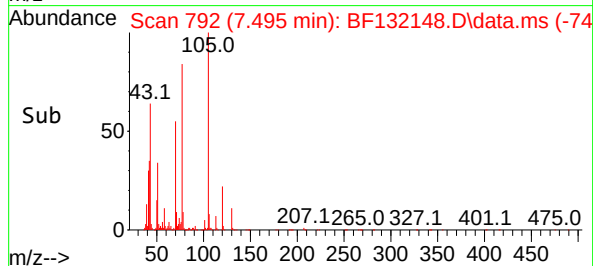
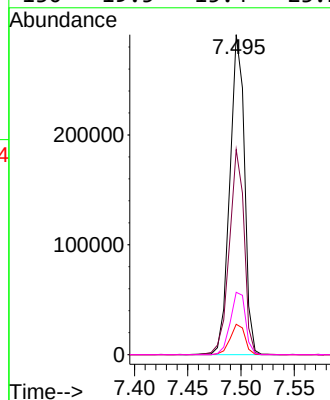
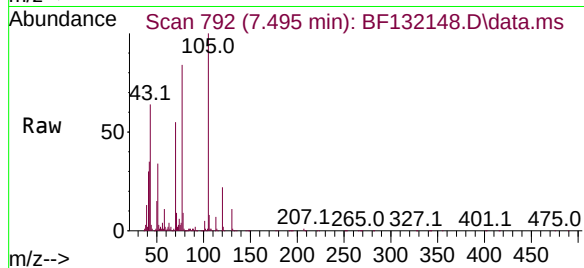
Ion Ratio Lower Upper

70 100

42 64.1 51.0 76.4

101 9.5 7.3 10.9

130 19.5 15.4 23.2



#20

3+4-Methylphenols

Concen: 40.648 ng

RT: 7.478 min Scan# 789

Delta R.T. -0.006 min

Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

Tgt Ion: 107 Resp: 441586

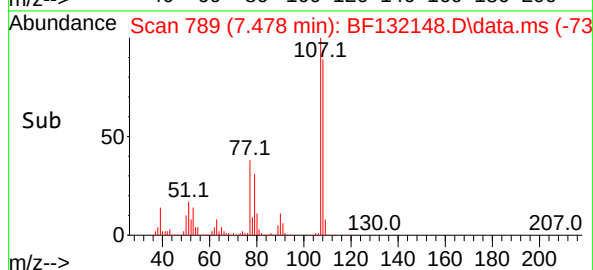
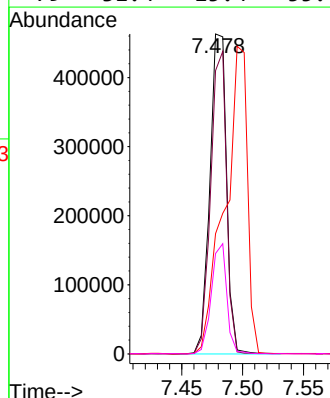
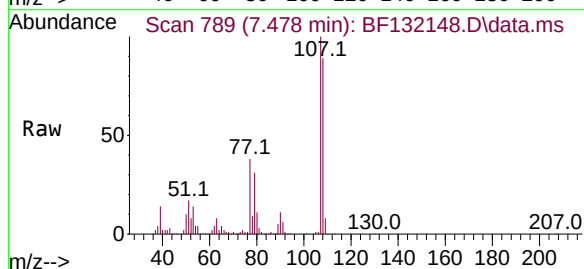
Ion Ratio Lower Upper

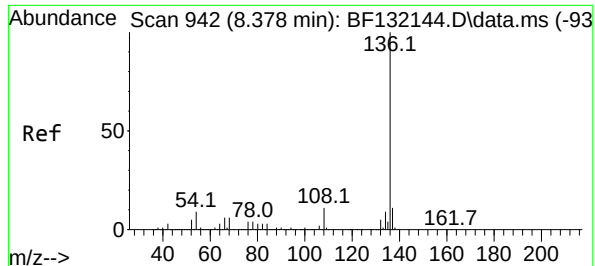
107 100

108 88.5 73.8 113.8

77 37.6 22.8 62.8

79 31.4 15.4 55.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.378 min Scan# 942

Delta R.T. -0.000 min

Lab File: BF132148.D

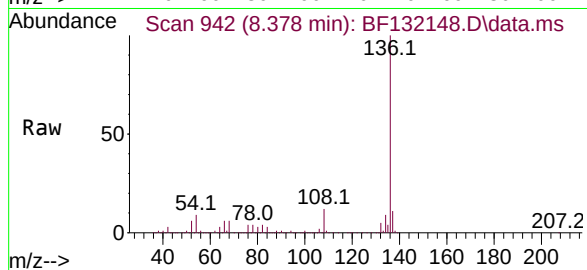
Acq: 19 Jan 2023 15:44

Instrument :

BNA_F

ClientSampleId :

ICVBF011923



Tgt Ion:136 Resp: 561606

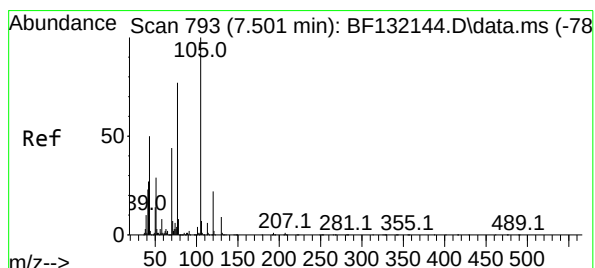
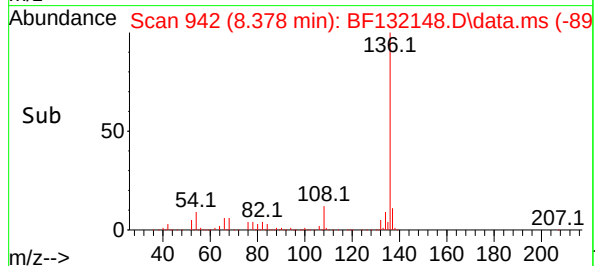
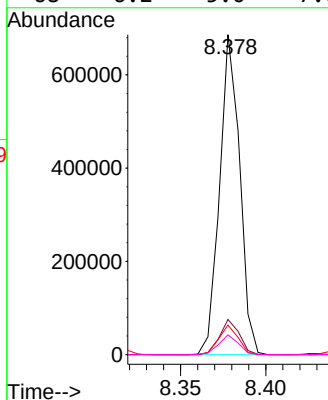
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.2 7.0 10.6

68 6.2 5.0 7.6



#22

Acetophenone

Concen: 38.155 ng

RT: 7.501 min Scan# 793

Delta R.T. 0.000 min

Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

Tgt Ion:105 Resp: 515033

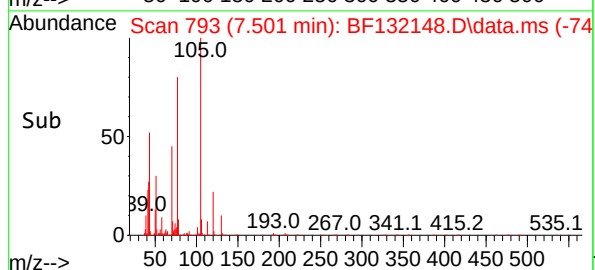
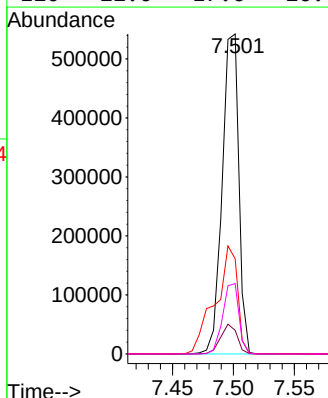
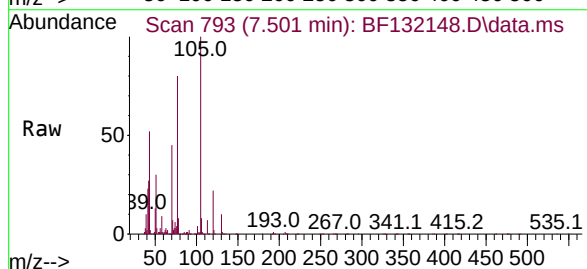
Ion Ratio Lower Upper

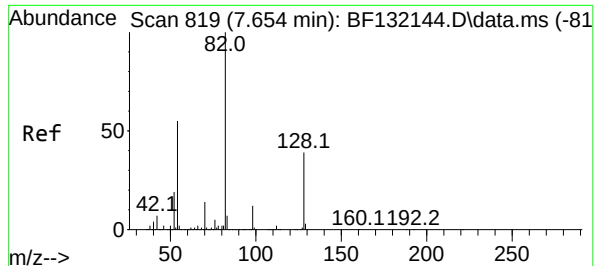
105 100

71 7.4 5.8 8.6

51 29.7 23.0 34.6

120 22.0 17.6 26.4





#23

Nitrobenzene-d5

Concen: 82.897 ng

RT: 7.654 min Scan# 819

Delta R.T. 0.000 min

Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

Instrument :

BNA_F

ClientSampleId :

ICVBF011923

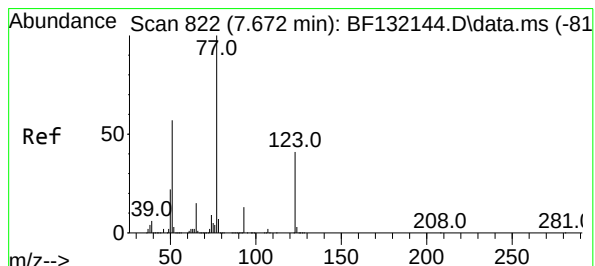
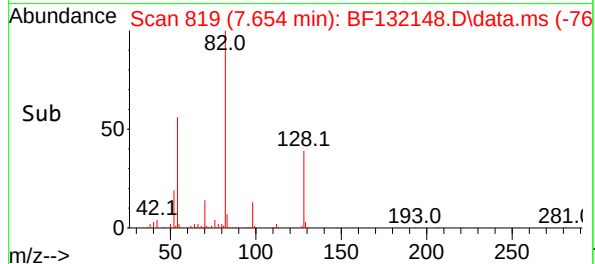
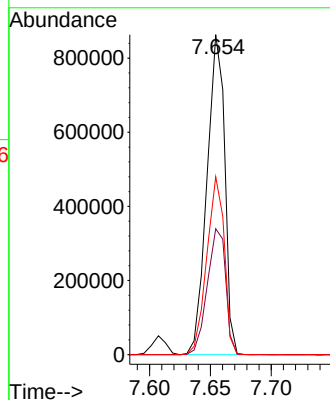
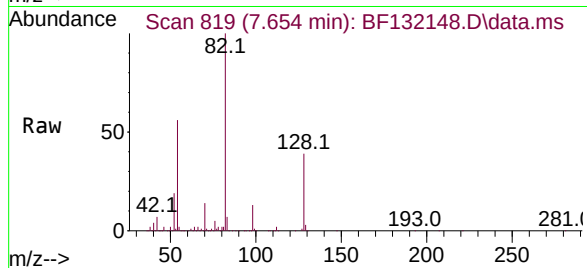
Tgt Ion: 82 Resp: 876371

Ion Ratio Lower Upper

82 100

128 39.3 31.1 46.7

54 55.6 43.9 65.9



#24

Nitrobenzene

Concen: 41.232 ng

RT: 7.672 min Scan# 822

Delta R.T. -0.000 min

Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

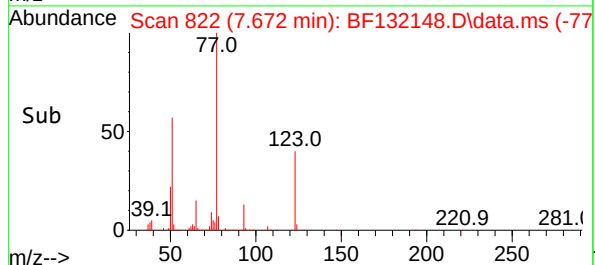
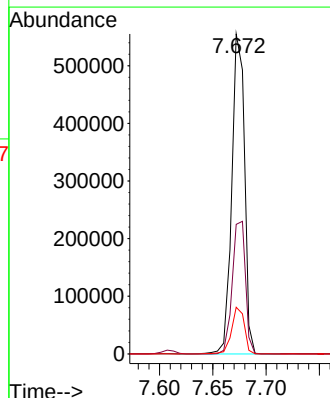
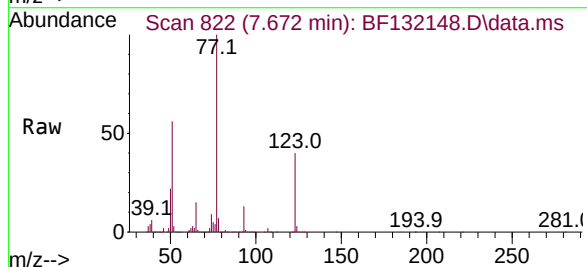
Tgt Ion: 77 Resp: 461525

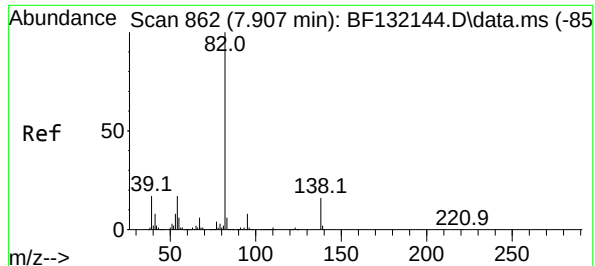
Ion Ratio Lower Upper

77 100

123 40.5 33.1 49.7

65 14.6 11.7 17.5





#25

Isophorone

Concen: 39.224 ng

RT: 7.907 min Scan# 862

Delta R.T. 0.000 min

Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

Instrument :

BNA_F

ClientSampleId :

ICVBF011923

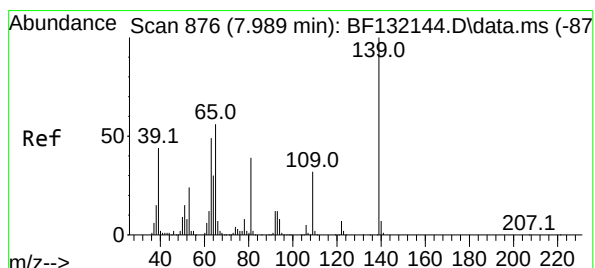
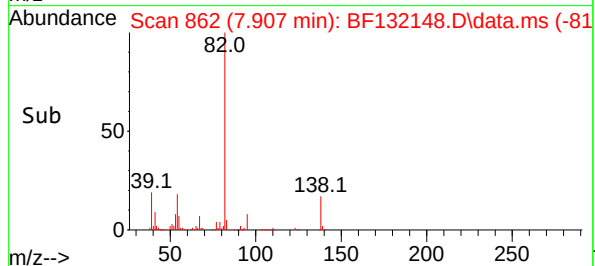
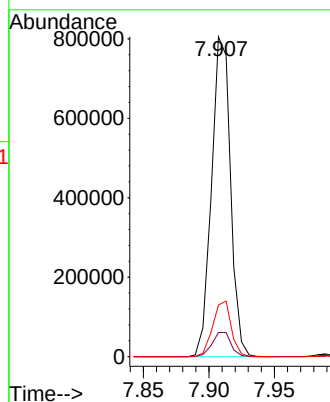
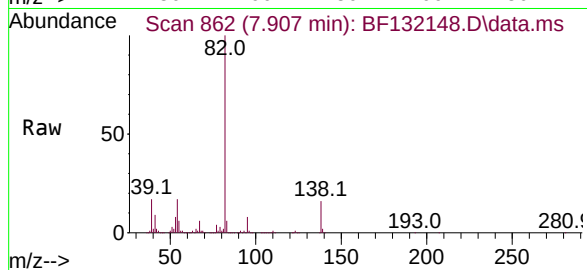
Tgt Ion: 82 Resp: 811356

Ion Ratio Lower Upper

82 100

95 7.6 6.2 9.2

138 16.1 12.9 19.3



#26

2-Nitrophenol

Concen: 44.494 ng

RT: 7.990 min Scan# 876

Delta R.T. 0.001 min

Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

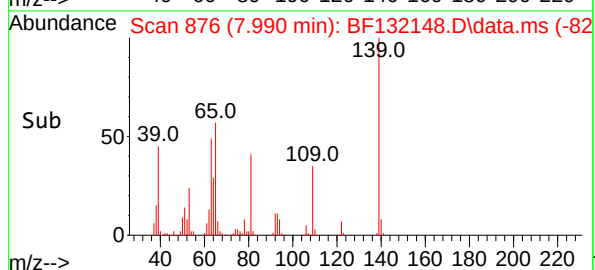
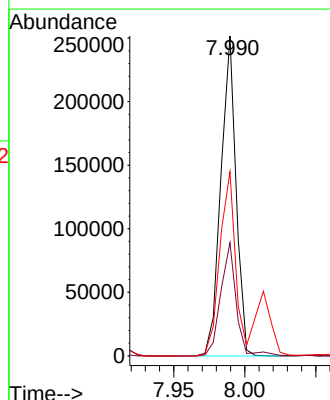
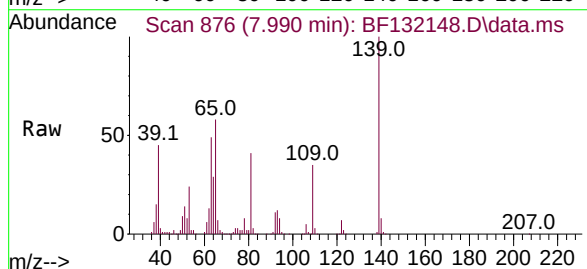
Tgt Ion:139 Resp: 188076

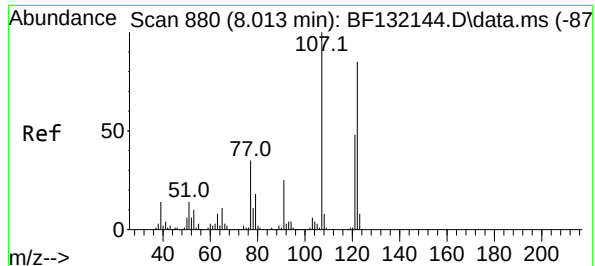
Ion Ratio Lower Upper

139 100

109 35.4 25.8 38.8

65 57.5 44.6 66.8

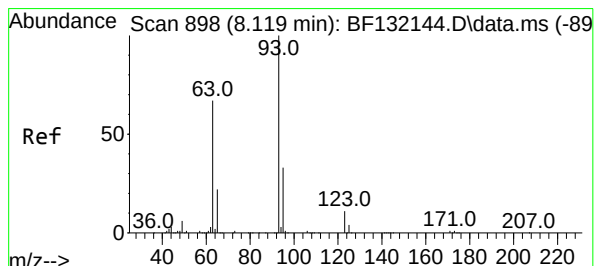
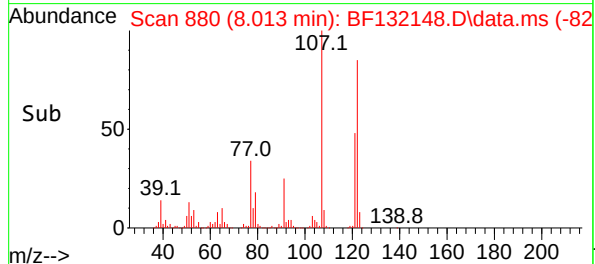
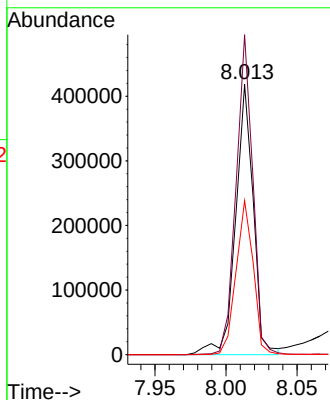
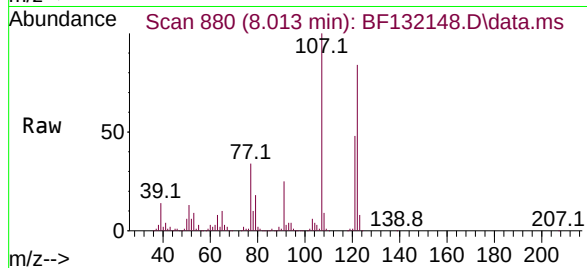




#27
2,4-Dimethylphenol
Concen: 40.276 ng
RT: 8.013 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF132148.D
Acq: 19 Jan 2023 15:44

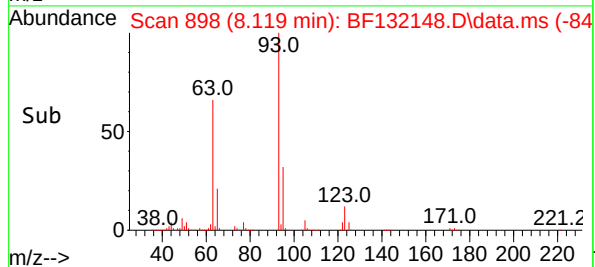
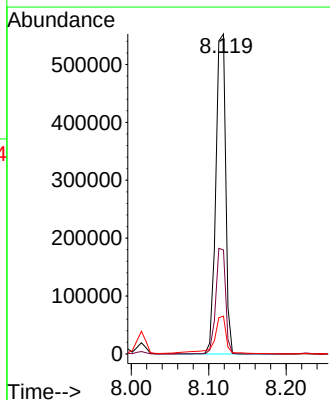
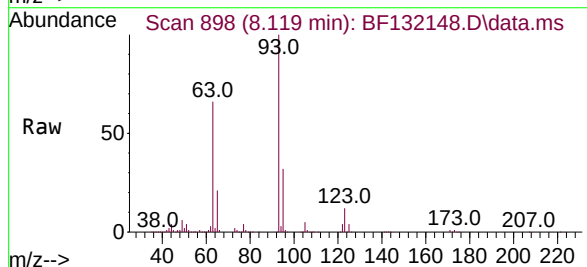
Instrument :
BNA_F
ClientSampleId :
ICVBF011923

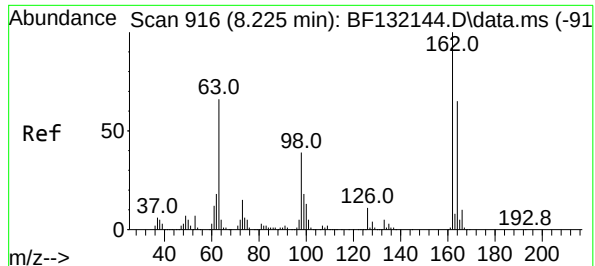
Tgt Ion:122 Resp: 360494
Ion Ratio Lower Upper
122 100
107 118.4 94.2 141.4
121 57.0 45.6 68.4



#28
bis(2-Chloroethoxy)methane
Concen: 39.240 ng
RT: 8.119 min Scan# 898
Delta R.T. -0.000 min
Lab File: BF132148.D
Acq: 19 Jan 2023 15:44

Tgt Ion: 93 Resp: 487002
Ion Ratio Lower Upper
93 100
95 32.5 26.2 39.2
123 11.8 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 40.736 ng

RT: 8.225 min Scan# 916

Delta R.T. -0.000 min

Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

Instrument :

BNA_F

ClientSampleId :

ICVBF011923

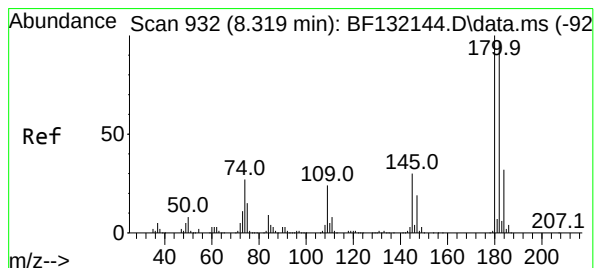
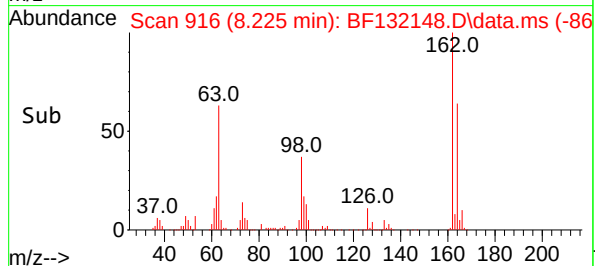
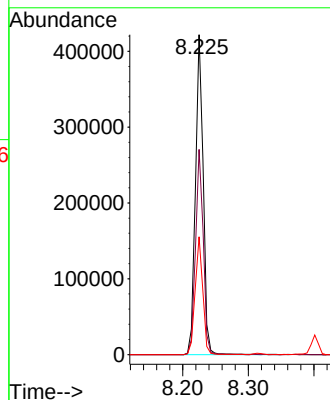
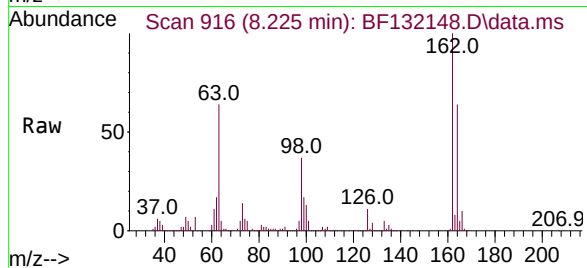
Tgt Ion:162 Resp: 346157

Ion Ratio Lower Upper

162 100

164 64.1 44.7 84.7

98 36.8 18.8 58.8



#30

1,2,4-Trichlorobenzene

Concen: 39.345 ng

RT: 8.319 min Scan# 932

Delta R.T. 0.000 min

Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

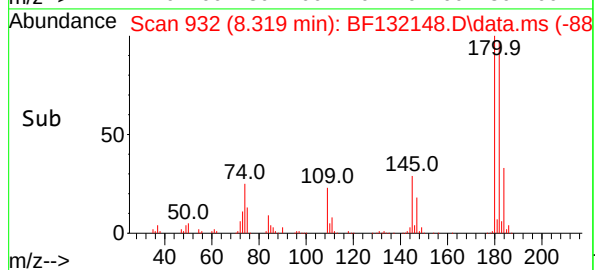
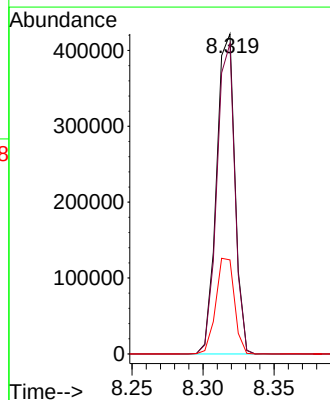
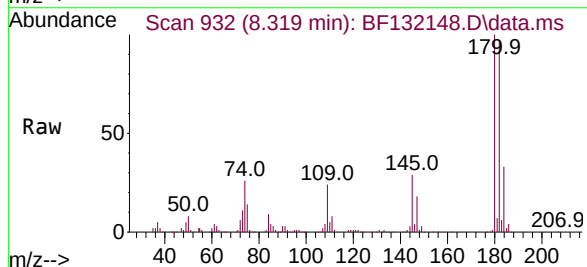
Tgt Ion:180 Resp: 379741

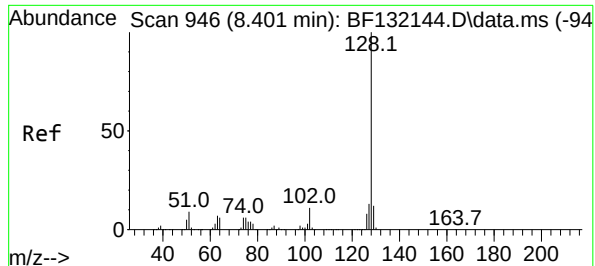
Ion Ratio Lower Upper

180 100

182 96.9 77.4 116.0

145 29.4 23.8 35.6





#31

Naphthalene

Concen: 38.858 ng

RT: 8.401 min Scan# 946

Delta R.T. 0.000 min

Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

Instrument :

BNA_F

ClientSampleId :

ICVBF011923

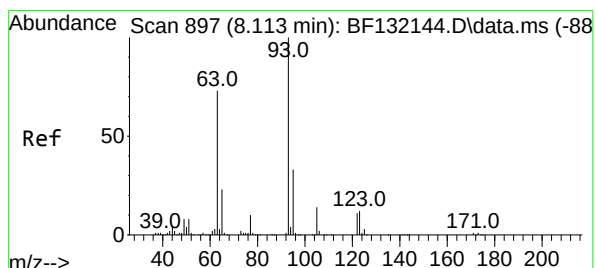
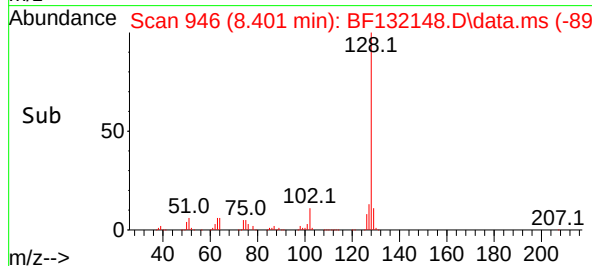
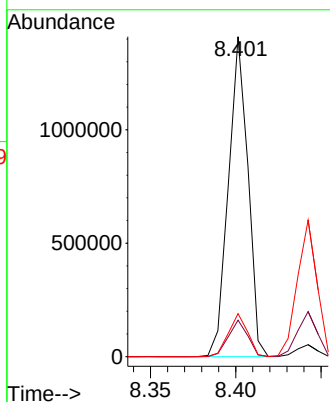
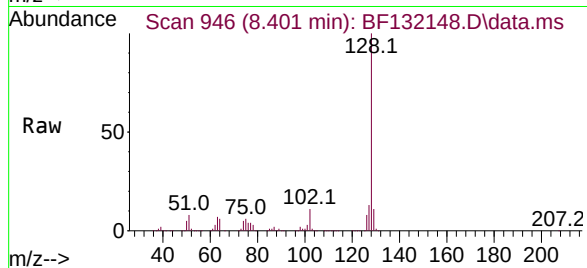
Tgt Ion:128 Resp: 1120785

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

127 13.4 10.6 15.8



#32

Benzoic acid

Concen: 42.386 ng

RT: 8.107 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

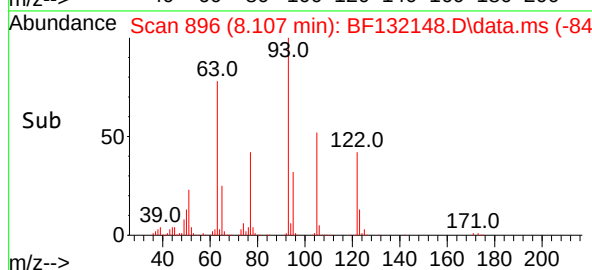
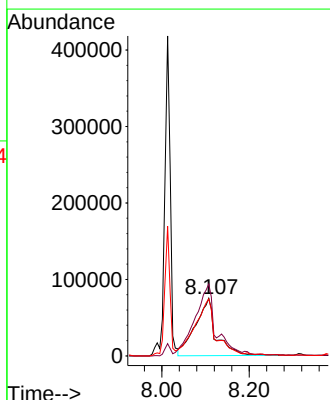
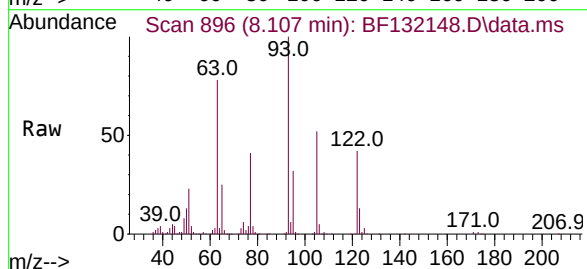
Tgt Ion:122 Resp: 246749

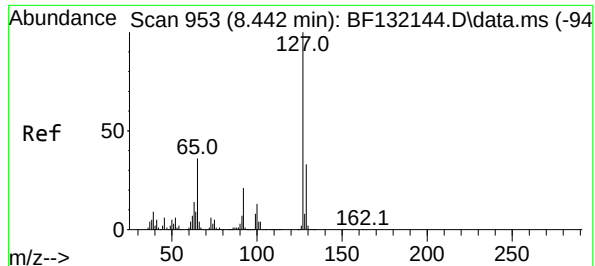
Ion Ratio Lower Upper

122 100

105 124.9 96.8 136.8

77 99.4 72.5 112.5

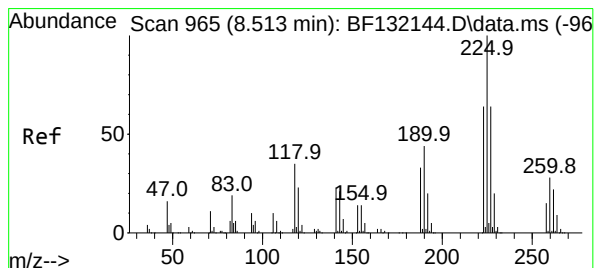
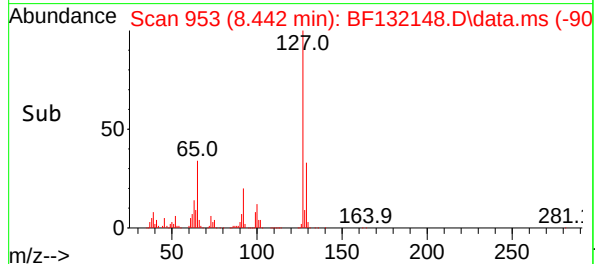
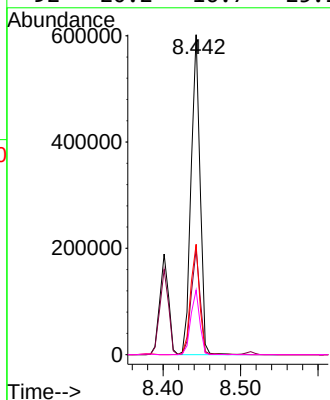
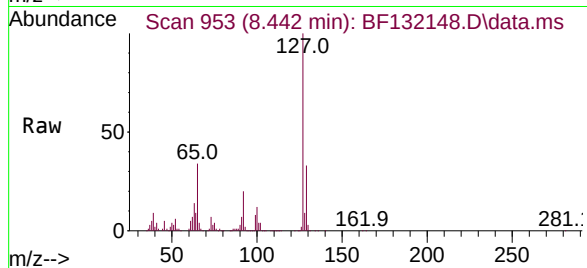




#33
4-Chloroaniline
Concen: 39.292 ng
RT: 8.442 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132148.D
Acq: 19 Jan 2023 15:44

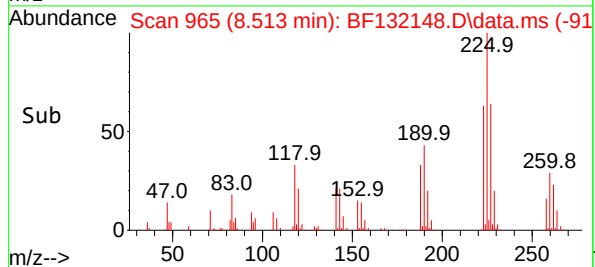
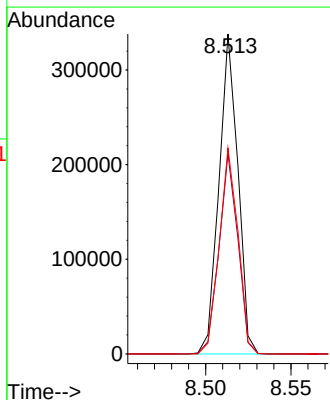
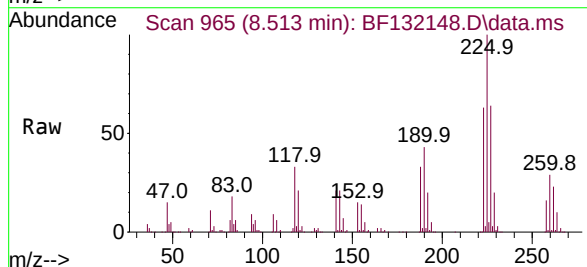
Instrument :
BNA_F
ClientSampleId :
ICVBF011923

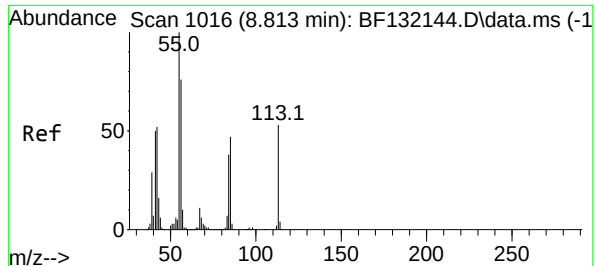
Tgt Ion:127 Resp: 484982
Ion Ratio Lower Upper
127 100
129 32.9 26.0 39.0
65 34.5 28.4 42.6
92 20.2 16.7 25.1



#34
Hexachlorobutadiene
Concen: 40.159 ng
RT: 8.513 min Scan# 965
Delta R.T. 0.000 min
Lab File: BF132148.D
Acq: 19 Jan 2023 15:44

Tgt Ion:225 Resp: 260381
Ion Ratio Lower Upper
225 100
223 62.5 50.9 76.3
227 64.3 50.8 76.2

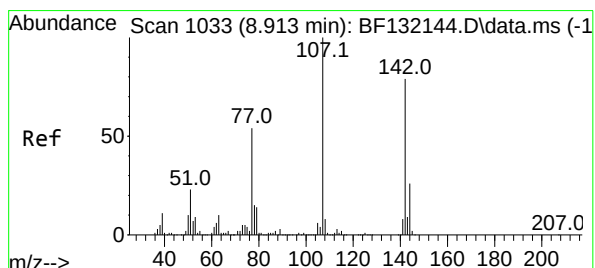
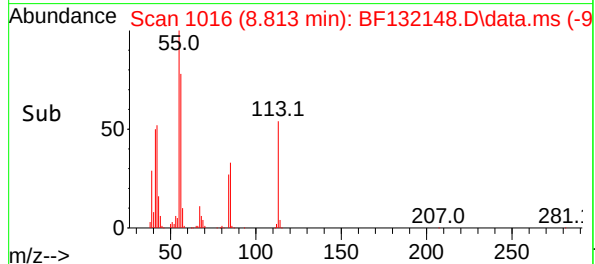
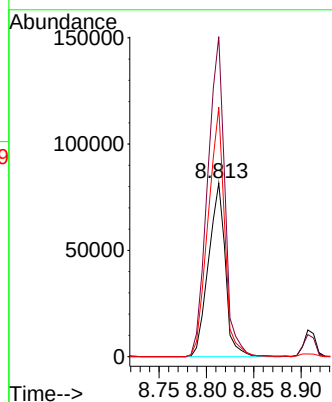
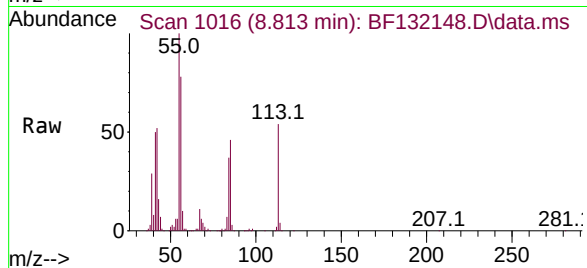




#35
Caprolactam
Concen: 41.792 ng
RT: 8.813 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF132148.D
Acq: 19 Jan 2023 15:44

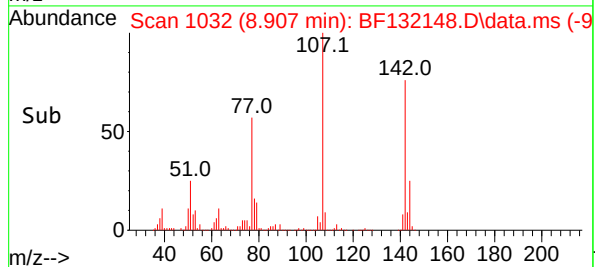
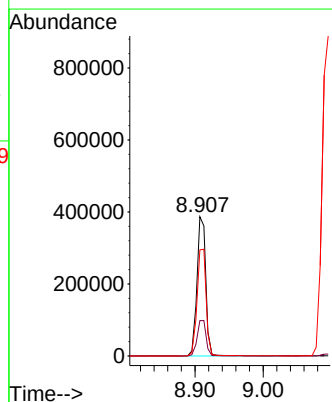
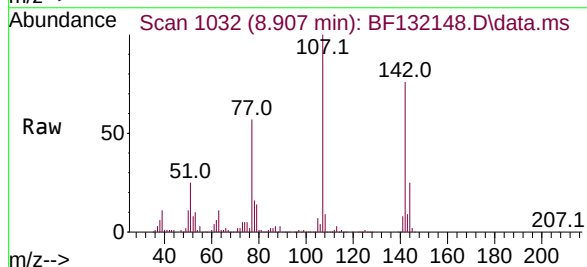
Instrument :
BNA_F
ClientSampleId :
ICVBF011923

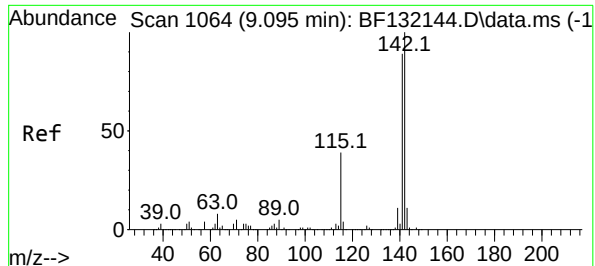
Tgt Ion:113 Resp: 100708
Ion Ratio Lower Upper
113 100
55 184.4 167.5 207.5
56 143.7 122.0 162.0



#36
4-Chloro-3-methylphenol
Concen: 40.638 ng
RT: 8.907 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF132148.D
Acq: 19 Jan 2023 15:44

Tgt Ion:107 Resp: 347512
Ion Ratio Lower Upper
107 100
144 25.3 21.0 31.4
142 76.2 63.6 95.4





#37

2-Methylnaphthalene

Concen: 38.851 ng

RT: 9.095 min Scan# 1064

Delta R.T. 0.000 min

Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

Instrument :

BNA_F

ClientSampleId :

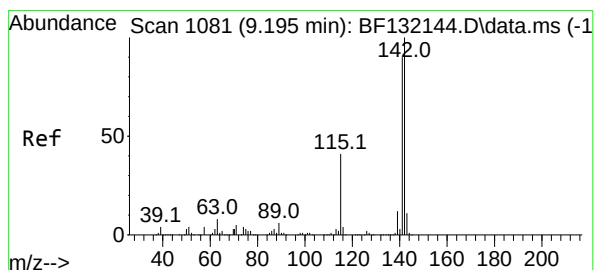
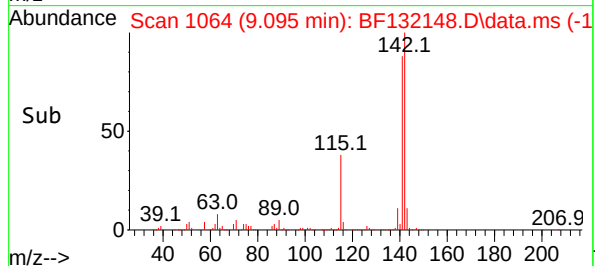
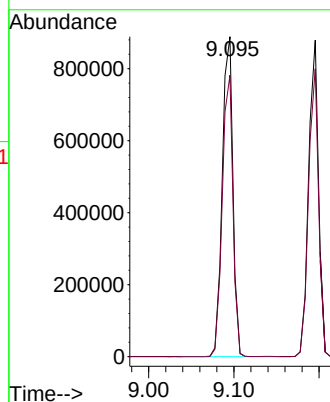
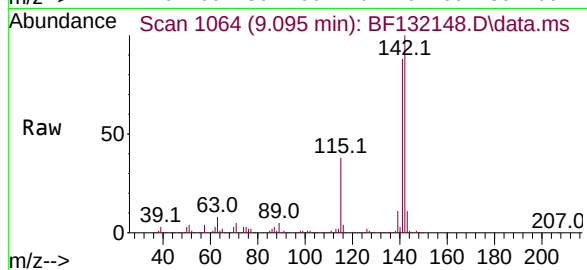
ICVBF011923

Tgt Ion:142 Resp: 771500

Ion Ratio Lower Upper

142 100

141 87.9 71.1 106.7



#38

1-Methylnaphthalene

Concen: 38.619 ng

RT: 9.195 min Scan# 1081

Delta R.T. 0.000 min

Lab File: BF132148.D

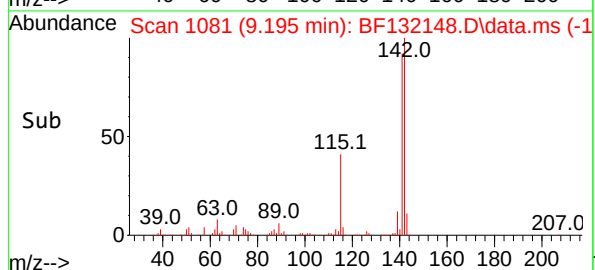
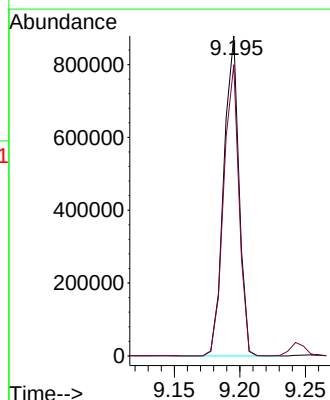
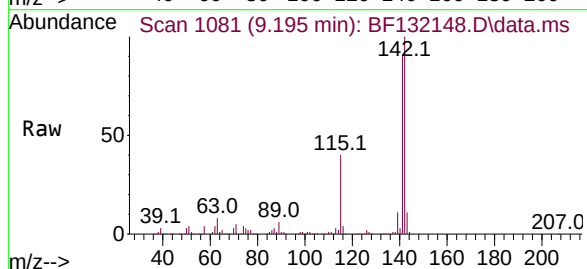
Acq: 19 Jan 2023 15:44

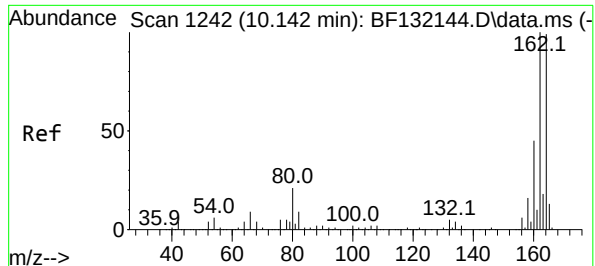
Tgt Ion:142 Resp: 713576

Ion Ratio Lower Upper

142 100

141 91.0 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.142 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

Instrument :

BNA_F

ClientSampleId :

ICVBF011923

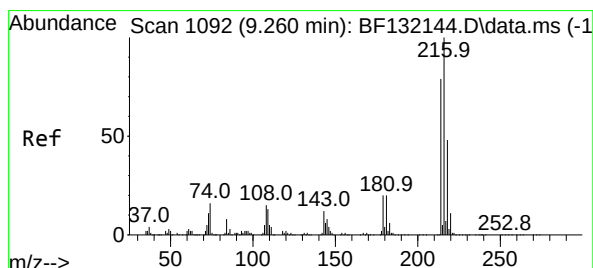
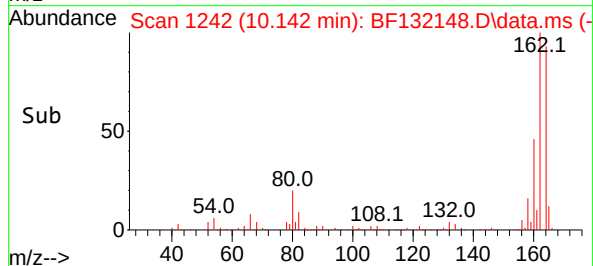
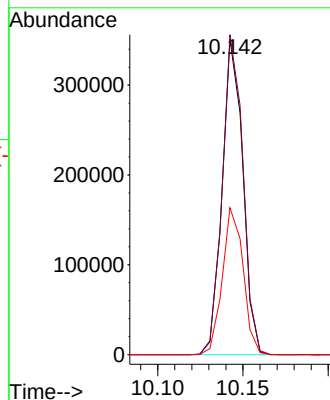
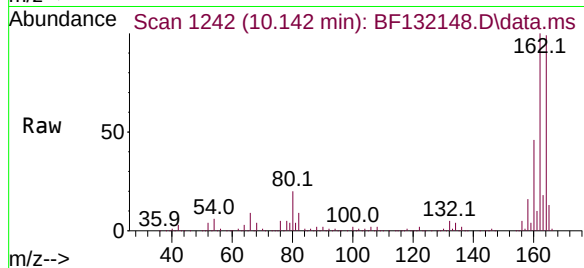
Tgt Ion:164 Resp: 294382

Ion Ratio Lower Upper

164 100

162 101.5 81.2 121.8

160 46.6 36.9 55.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.204 ng

RT: 9.260 min Scan# 1092

Delta R.T. 0.000 min

Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

Tgt Ion:216 Resp: 401549

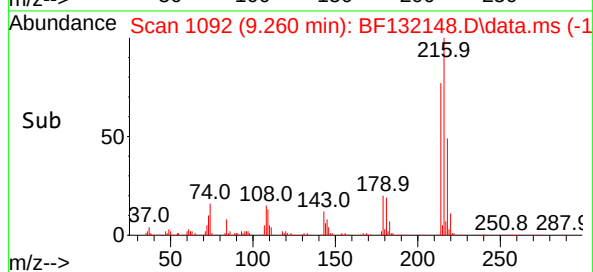
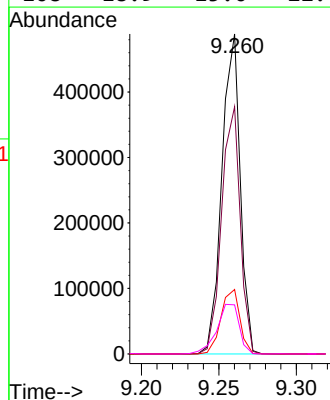
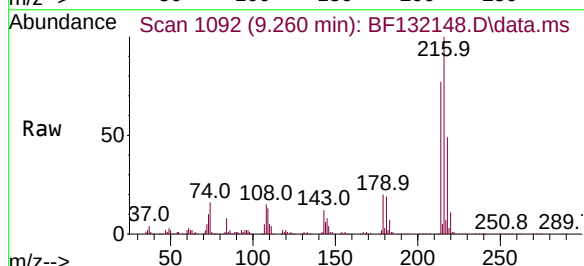
Ion Ratio Lower Upper

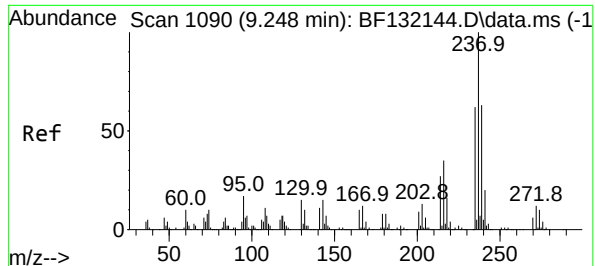
216 100

214 78.3 63.1 94.7

179 20.7 16.6 24.8

108 18.9 15.0 22.4

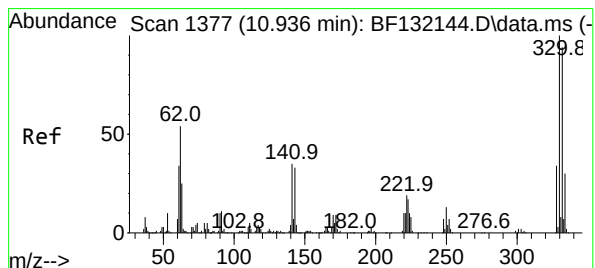
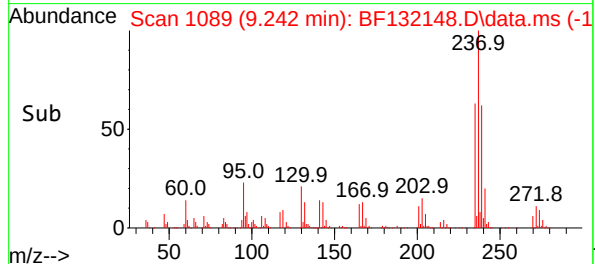
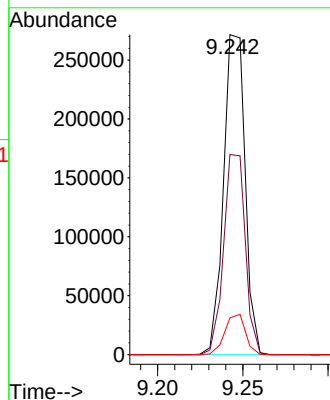
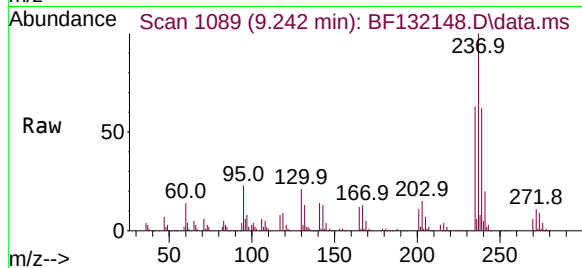




#41
Hexachlorocyclopentadiene
Concen: 42.778 ng
RT: 9.242 min Scan# 1090
Delta R.T. -0.006 min
Lab File: BF132148.D
Acq: 19 Jan 2023 15:44

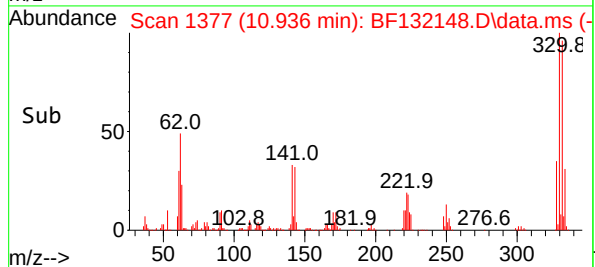
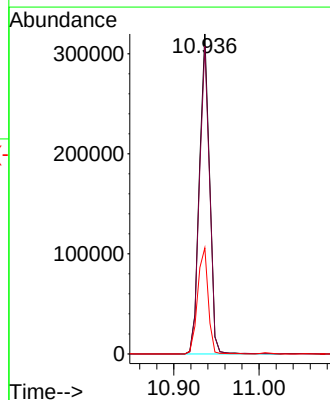
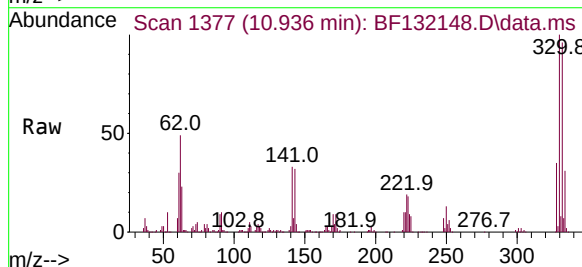
Instrument :
BNA_F
ClientSampleId :
ICVBF011923

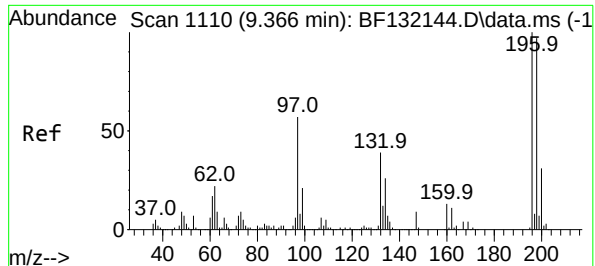
Tgt Ion: 237 Resp: 239100
Ion Ratio Lower Upper
237 100
235 62.5 41.7 81.7
272 11.5 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 83.991 ng
RT: 10.936 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF132148.D
Acq: 19 Jan 2023 15:44

Tgt Ion: 330 Resp: 264106
Ion Ratio Lower Upper
330 100
332 96.6 75.6 113.4
141 34.3 27.1 40.7





#43

2,4,6-Trichlorophenol

Concen: 41.471 ng

RT: 9.366 min Scan# 1110

Delta R.T. 0.000 min

Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

Instrument :

BNA_F

ClientSampleId :

ICVBF011923

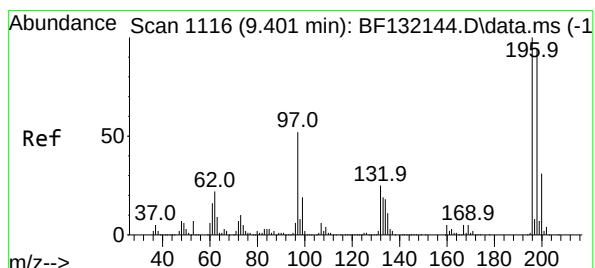
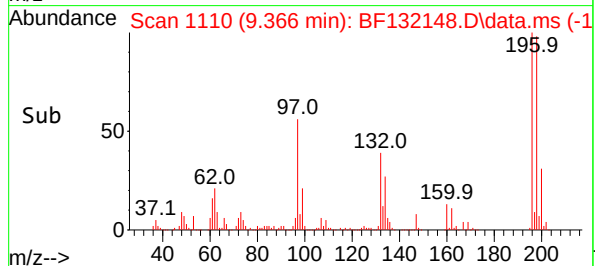
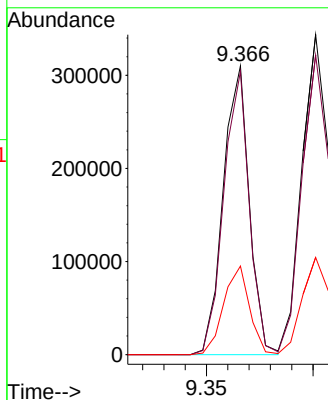
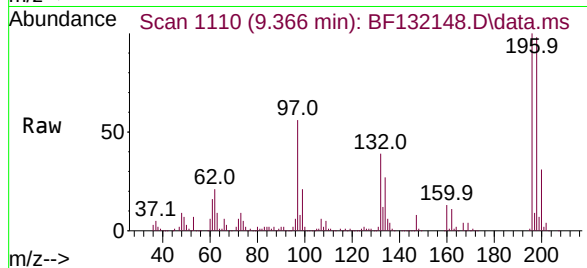
Tgt Ion:196 Resp: 263620

Ion Ratio Lower Upper

196 100

198 98.1 77.4 116.2

200 30.7 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 41.656 ng

RT: 9.401 min Scan# 1116

Delta R.T. 0.000 min

Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

Tgt Ion:196 Resp: 309687

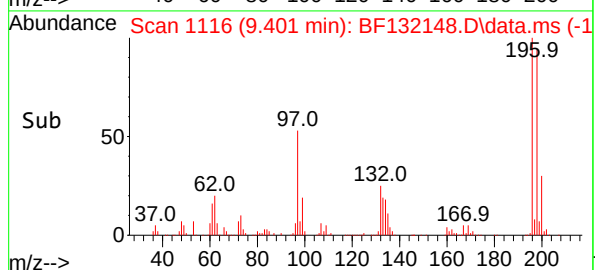
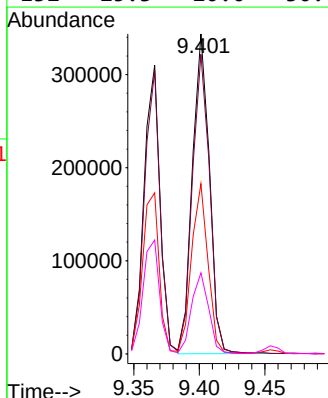
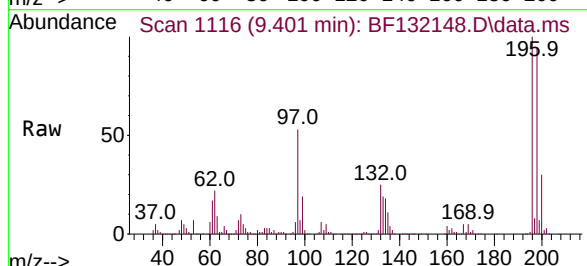
Ion Ratio Lower Upper

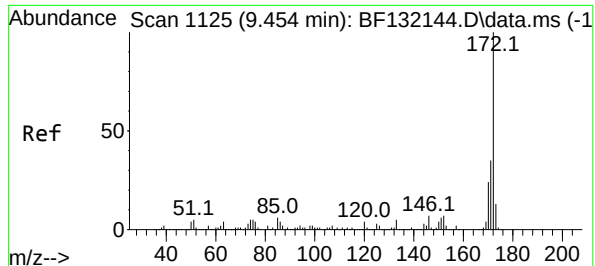
196 100

198 93.6 75.3 112.9

97 53.2 41.3 61.9

132 25.3 20.0 30.0

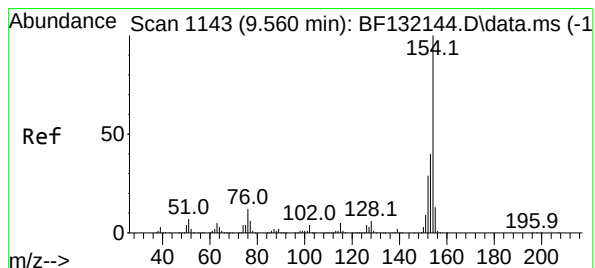
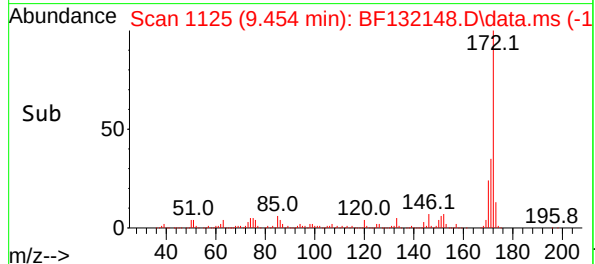
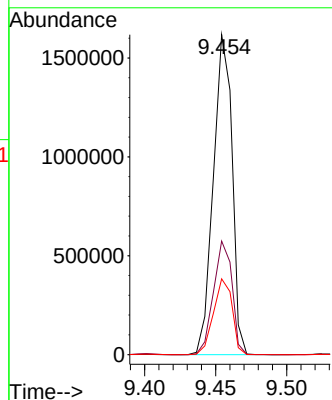
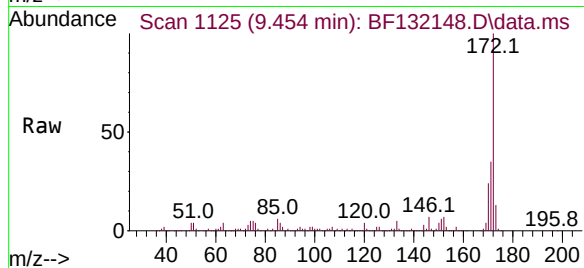




#45
2-Fluorobiphenyl
Concen: 73.696 ng
RT: 9.454 min Scan# 1125
Delta R.T. 0.000 min
Lab File: BF132148.D
Acq: 19 Jan 2023 15:44

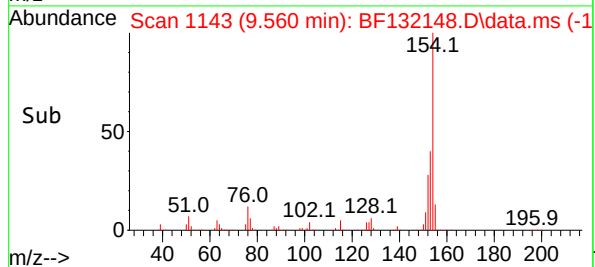
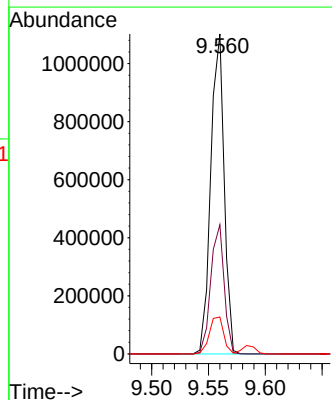
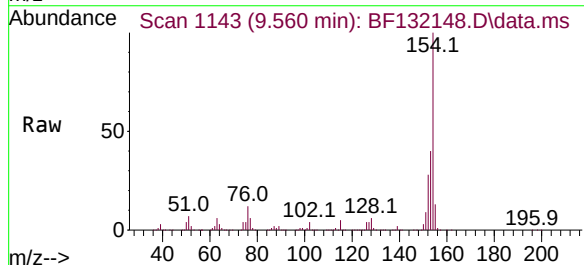
Instrument :
BNA_F
ClientSampleId :
ICVBF011923

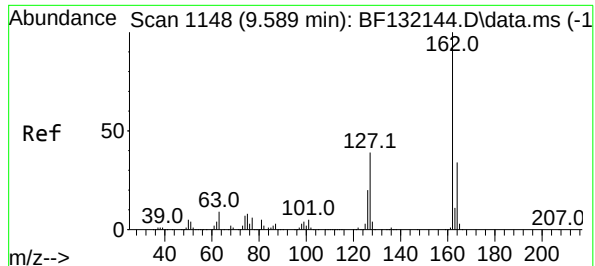
Tgt Ion:172 Resp: 1484699
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.7 19.6 29.4



#46
1,1'-Biphenyl
Concen: 39.026 ng
RT: 9.560 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BF132148.D
Acq: 19 Jan 2023 15:44

Tgt Ion:154 Resp: 906370
Ion Ratio Lower Upper
154 100
153 40.4 20.2 60.2
76 11.5 0.0 32.2





#47

2-Chloronaphthalene

Concen: 38.849 ng

RT: 9.589 min Scan# 1148

Delta R.T. 0.000 min

Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

Instrument :

BNA_F

ClientSampleId :

ICVBF011923

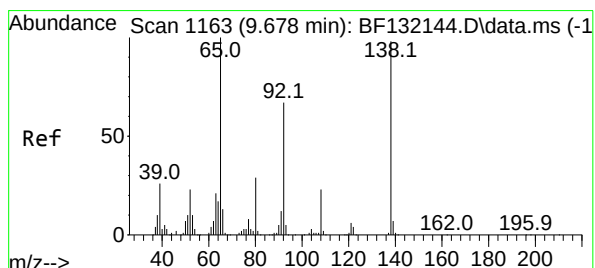
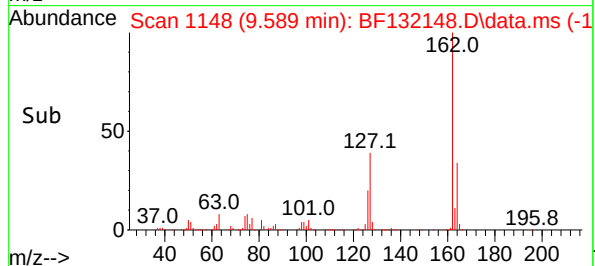
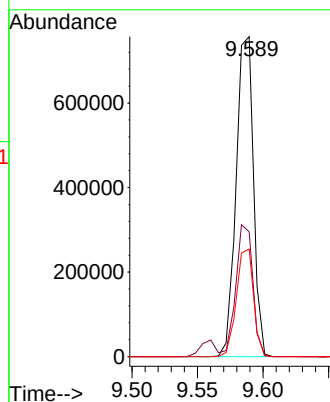
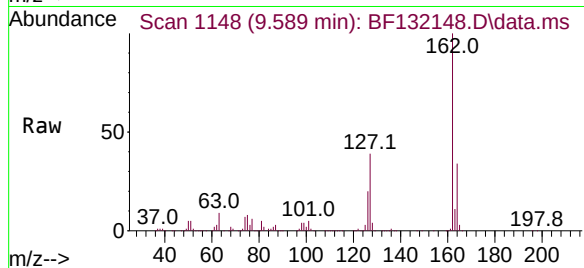
Tgt Ion:162 Resp: 697476

Ion Ratio Lower Upper

162 100

127 39.0 31.1 46.7

164 33.6 26.9 40.3



#48

2-Nitroaniline

Concen: 40.882 ng

RT: 9.678 min Scan# 1163

Delta R.T. -0.000 min

Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

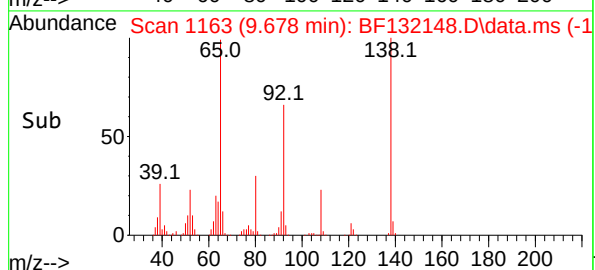
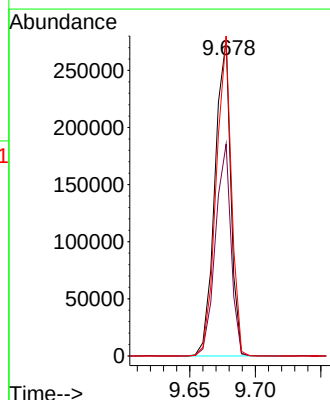
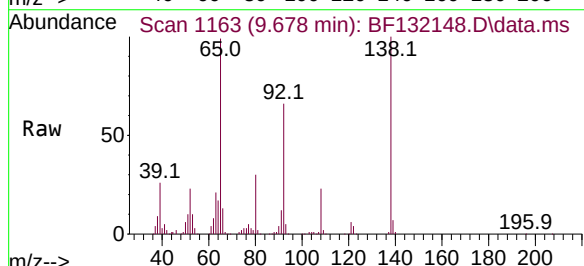
Tgt Ion: 65 Resp: 232437

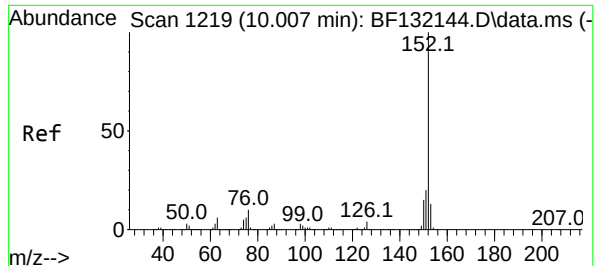
Ion Ratio Lower Upper

65 100

92 67.0 53.8 80.6

138 101.3 78.7 118.1





#49

Acenaphthylene

Concen: 39.175 ng

RT: 10.007 min Scan# 1193

Delta R.T. 0.000 min

Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

Instrument :

BNA_F

ClientSampleId :

ICVBF011923

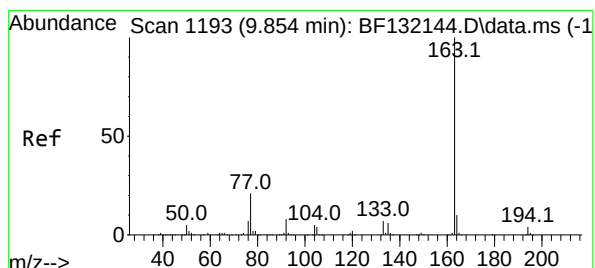
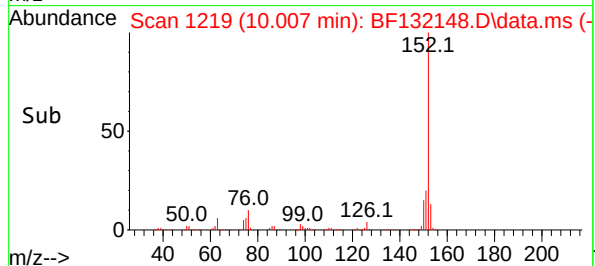
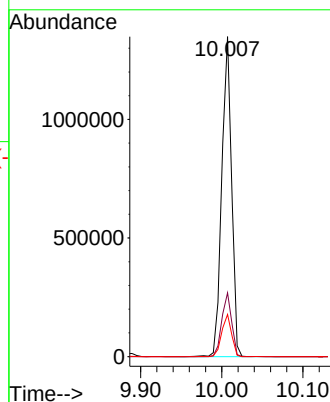
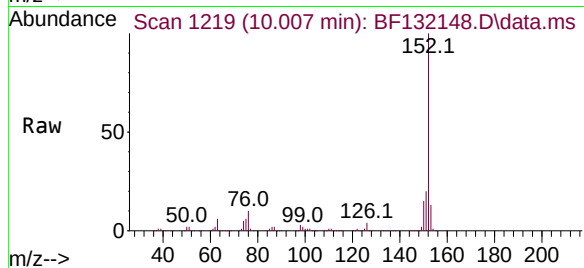
Tgt Ion:152 Resp: 1125150

Ion Ratio Lower Upper

152 100

151 19.9 16.4 24.6

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 39.729 ng

RT: 9.854 min Scan# 1193

Delta R.T. 0.000 min

Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

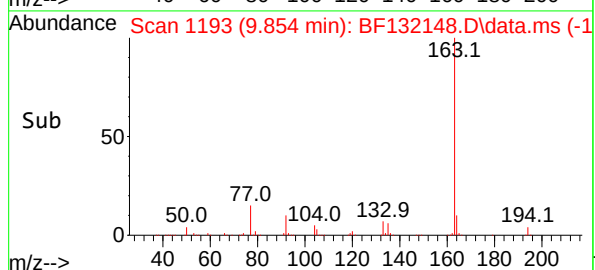
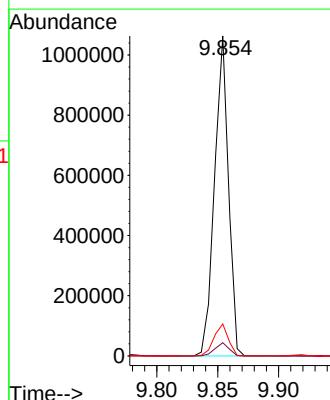
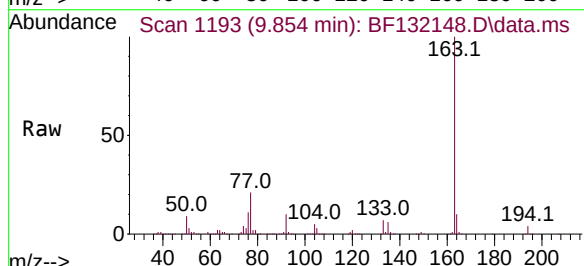
Tgt Ion:163 Resp: 847054

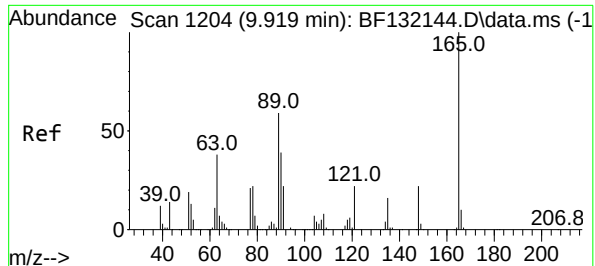
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.0 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 44.109 ng

RT: 9.919 min Scan# 1204

Delta R.T. -0.000 min

Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

Instrument :

BNA_F

ClientSampleId :

ICVBF011923

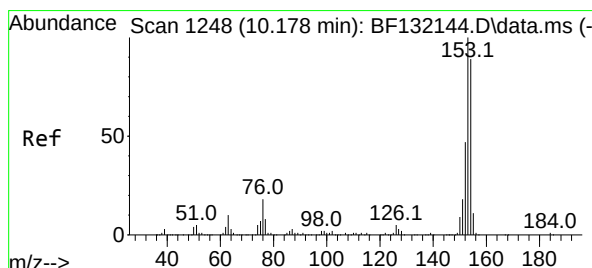
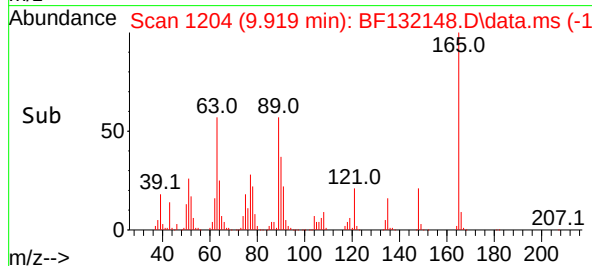
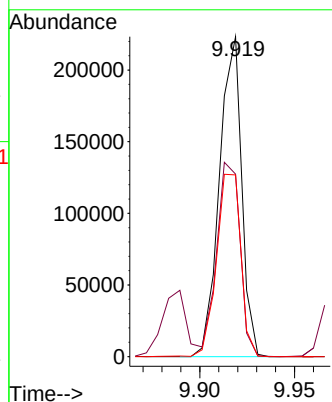
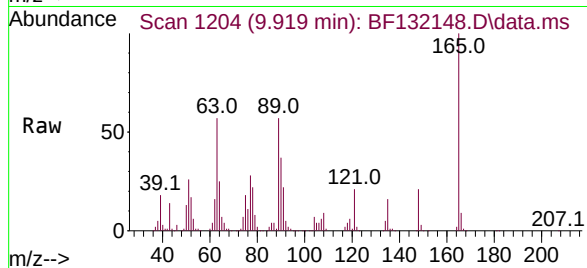
Tgt Ion:165 Resp: 182283

Ion Ratio Lower Upper

165 100

63 57.0 46.6 70.0

89 56.8 47.4 71.2



#52

Acenaphthene

Concen: 38.803 ng

RT: 10.178 min Scan# 1248

Delta R.T. 0.000 min

Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

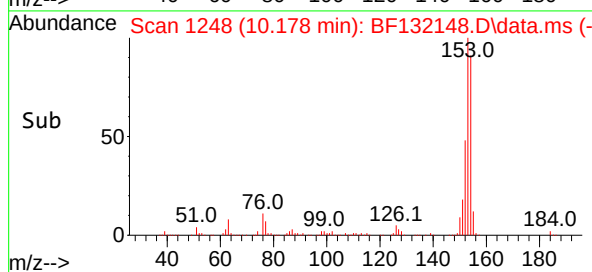
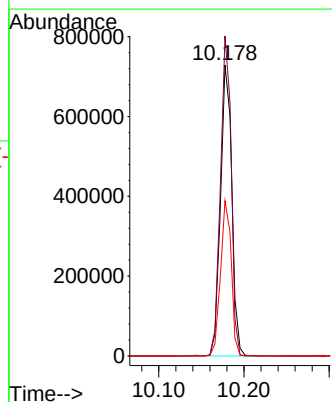
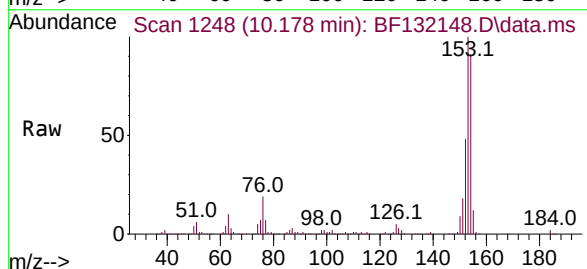
Tgt Ion:154 Resp: 670346

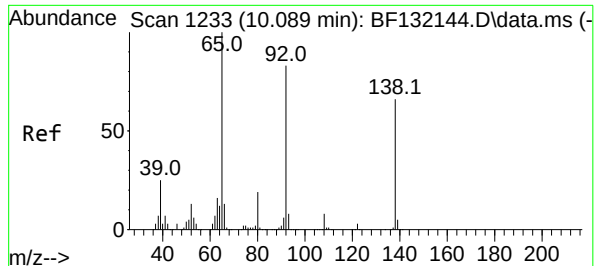
Ion Ratio Lower Upper

154 100

153 110.0 89.8 134.8

152 53.4 42.3 63.5





#53

3-Nitroaniline

Concen: 43.470 ng

RT: 10.089 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

Instrument :

BNA_F

ClientSampleId :

ICVBF011923

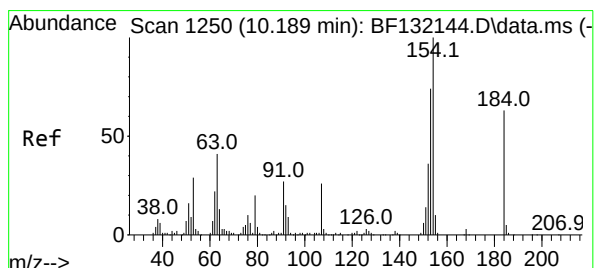
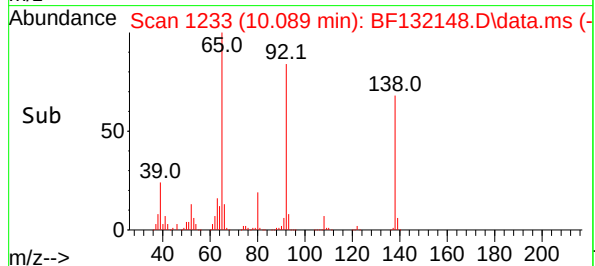
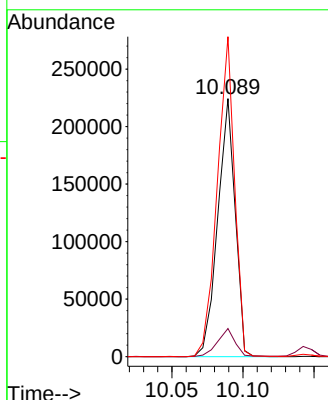
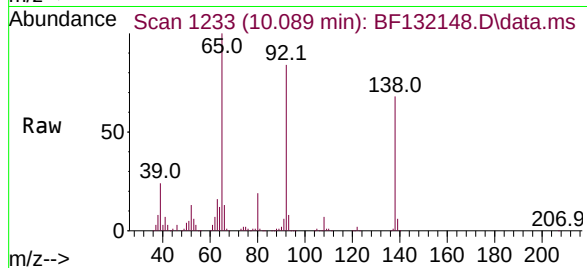
Tgt Ion:138 Resp: 192065

Ion Ratio Lower Upper

138 100

108 10.9 9.1 13.7

92 124.0 101.2 151.8



#54

2,4-Dinitrophenol

Concen: 43.353 ng

RT: 10.189 min Scan# 1250

Delta R.T. 0.000 min

Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

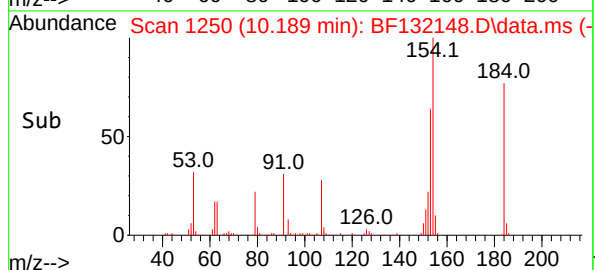
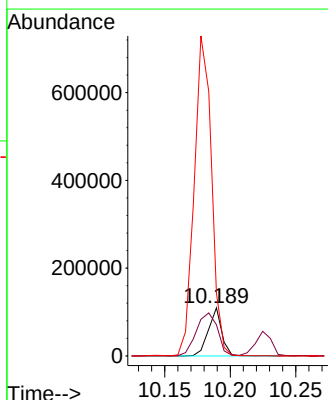
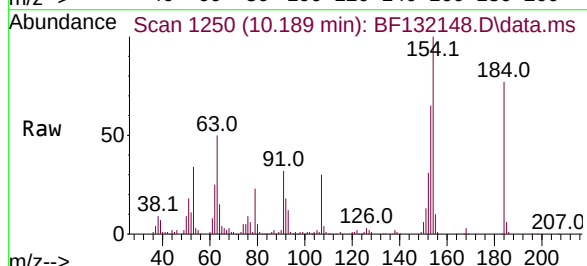
Tgt Ion:184 Resp: 77817

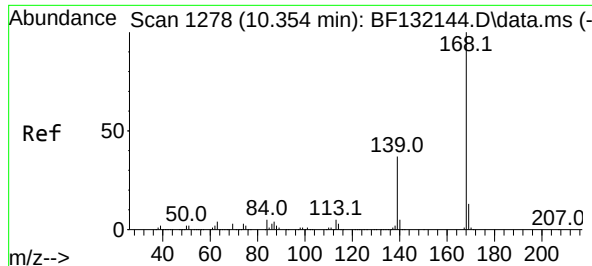
Ion Ratio Lower Upper

184 100

63 64.7 53.2 79.8

154 130.3 129.4 194.0





#55

Dibenzofuran

Concen: 38.579 ng

RT: 10.354 min Scan# 1278

Delta R.T. 0.000 min

Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

Instrument :

BNA_F

ClientSampleId :

ICVBF011923

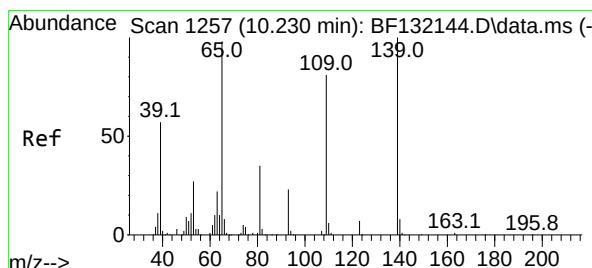
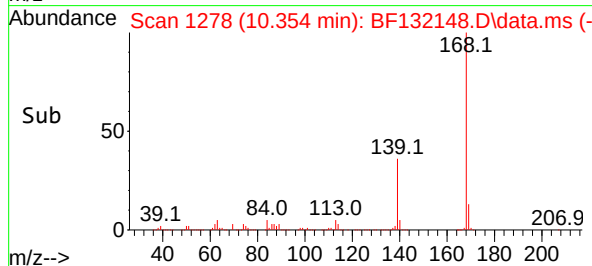
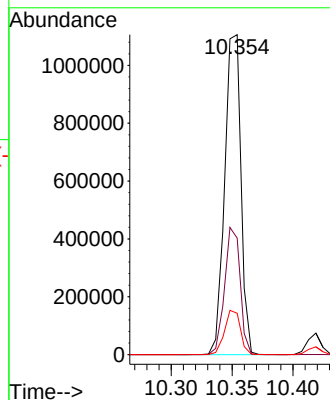
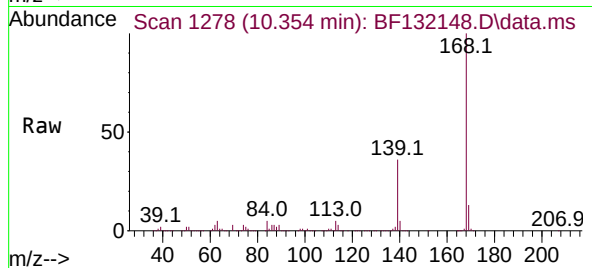
Tgt Ion:168 Resp: 1029957

Ion Ratio Lower Upper

168 100

139 36.4 29.8 44.8

169 12.9 10.3 15.5



#56

4-Nitrophenol

Concen: 44.675 ng

RT: 10.225 min Scan# 1256

Delta R.T. -0.006 min

Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

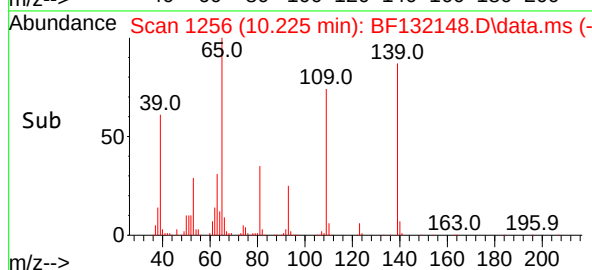
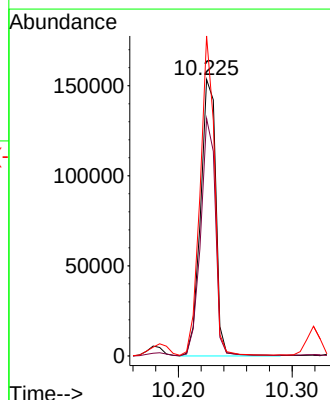
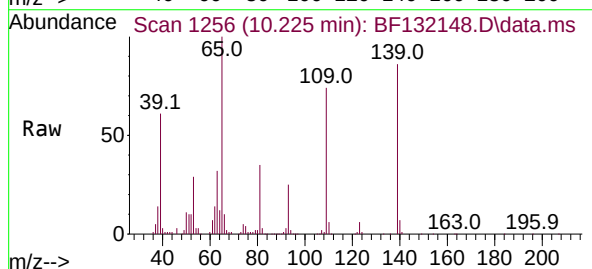
Tgt Ion:139 Resp: 143657

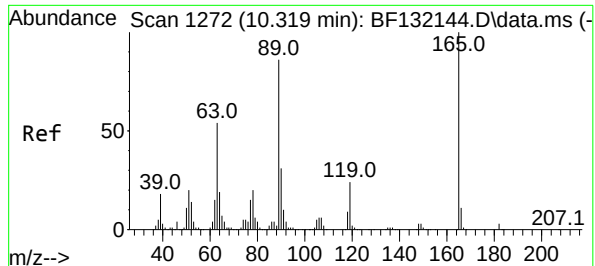
Ion Ratio Lower Upper

139 100

109 85.9 61.0 101.0

65 115.8 79.3 119.3

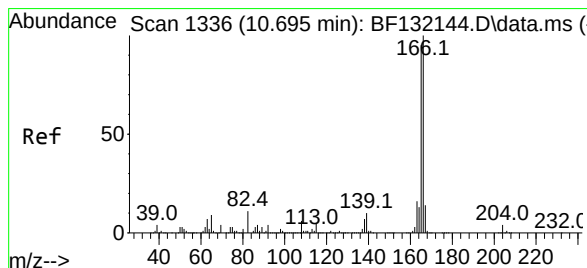
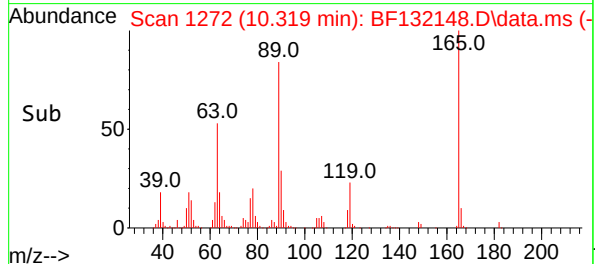
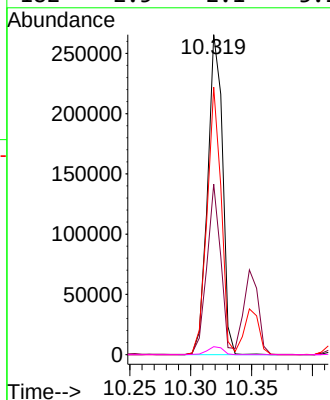
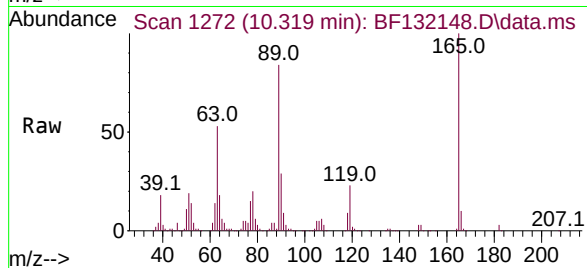




#57
2,4-Dinitrotoluene
Concen: 45.732 ng
RT: 10.319 min Scan# 1272
Delta R.T. -0.000 min
Lab File: BF132148.D
Acq: 19 Jan 2023 15:44

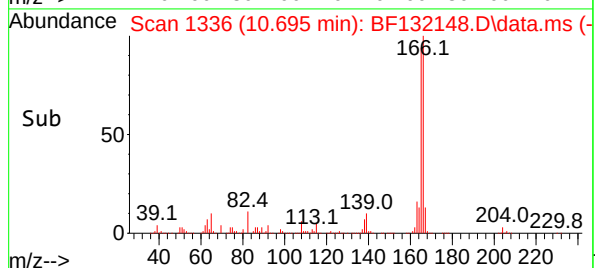
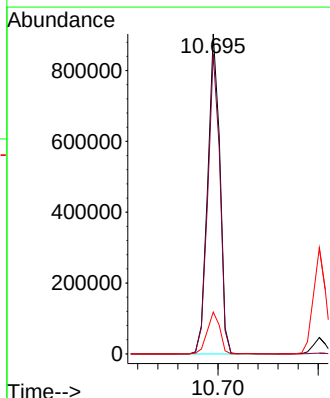
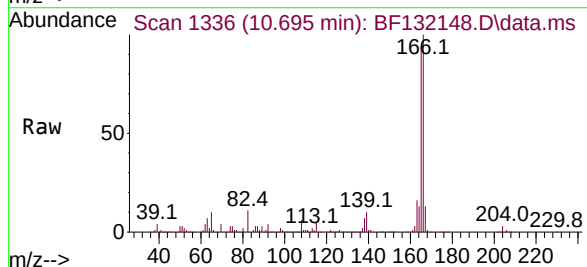
Instrument :
BNA_F
ClientSampleId :
ICVBF011923

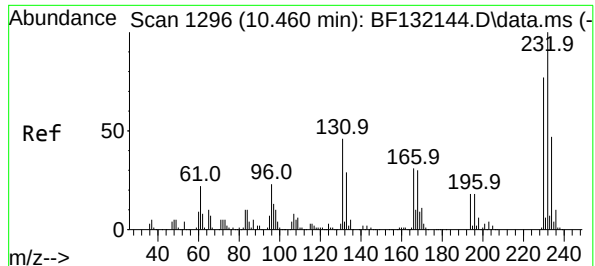
Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.3	43.5	65.3
89	83.6	69.0	103.6
182	2.5	2.1	3.1



#58
Fluorene
Concen: 38.193 ng
RT: 10.695 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF132148.D
Acq: 19 Jan 2023 15:44

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.8	76.4	114.6
167	13.1	11.0	16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.074 ng

RT: 10.460 min Scan# 1312

Delta R.T. 0.000 min

Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

Instrument :

BNA_F

ClientSampleId :

ICVBF011923

Tgt Ion:232 Resp: 237937

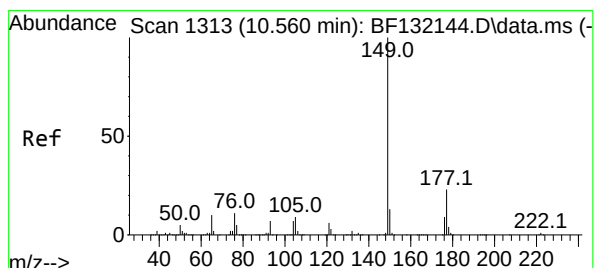
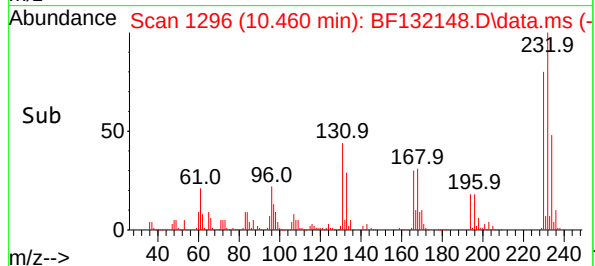
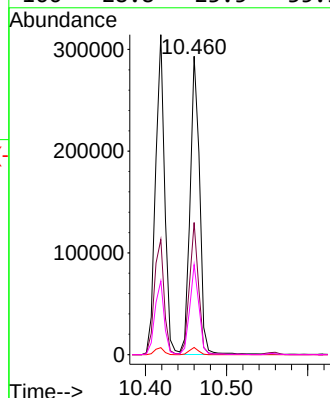
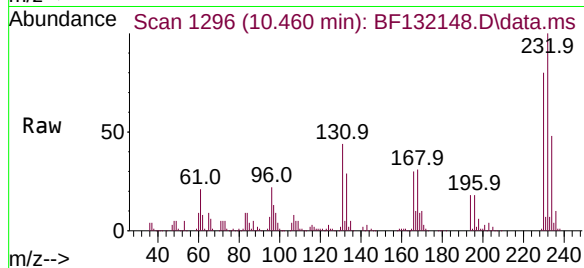
Ion Ratio Lower Upper

232 100

131 42.0 33.8 50.6

130 2.2 1.9 2.9

166 28.8 23.5 35.3



#60

Diethylphthalate

Concen: 39.637 ng

RT: 10.554 min Scan# 1312

Delta R.T. -0.006 min

Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

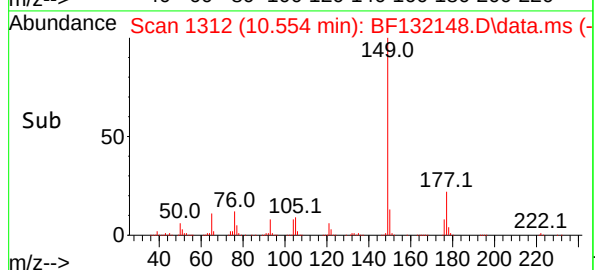
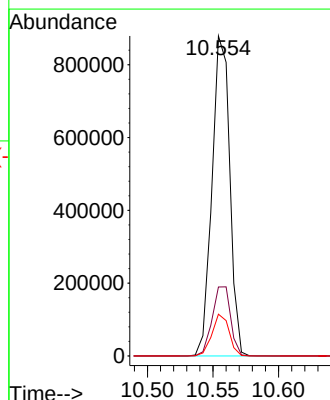
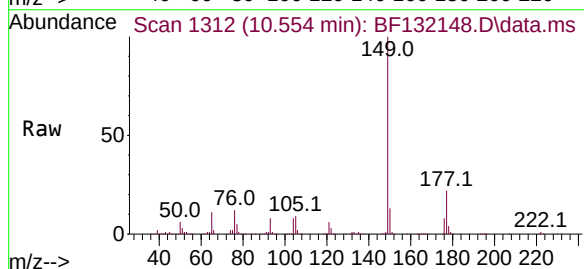
Tgt Ion:149 Resp: 828728

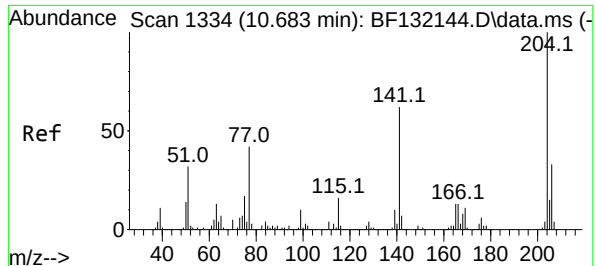
Ion Ratio Lower Upper

149 100

177 21.5 18.4 27.6

150 13.0 10.1 15.1

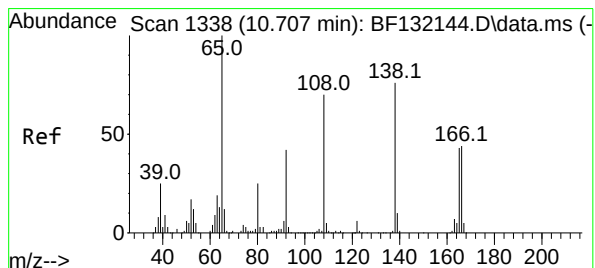
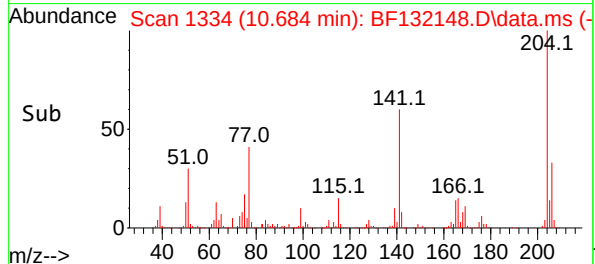
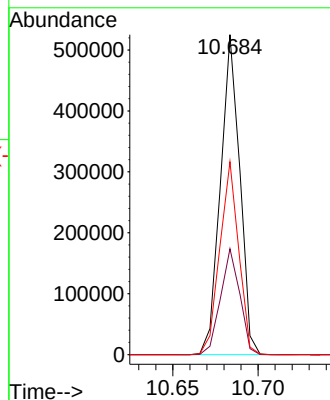
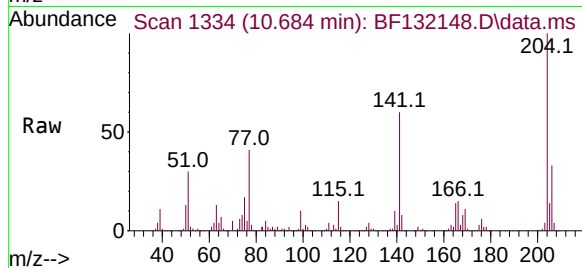




#61
4-Chlorophenyl-phenylether
Concen: 38.934 ng
RT: 10.684 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF132148.D
Acq: 19 Jan 2023 15:44

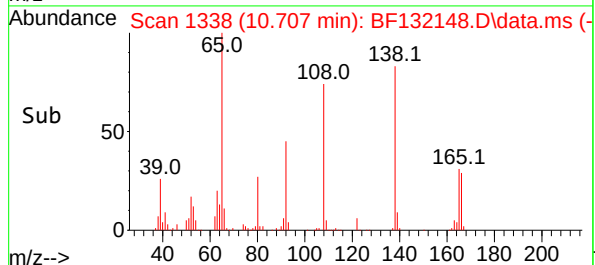
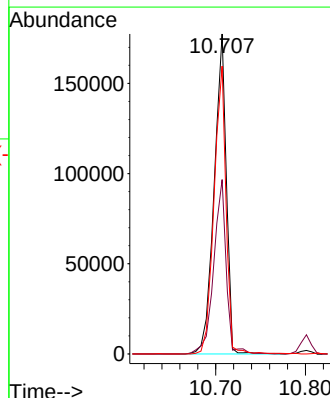
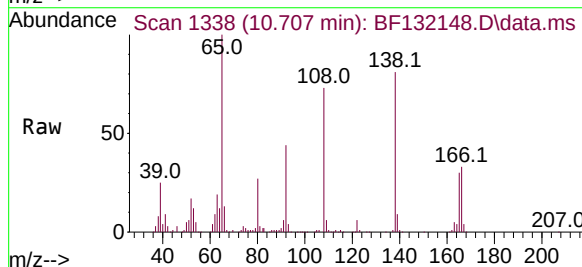
Instrument :
BNA_F
ClientSampleId :
ICVBF011923

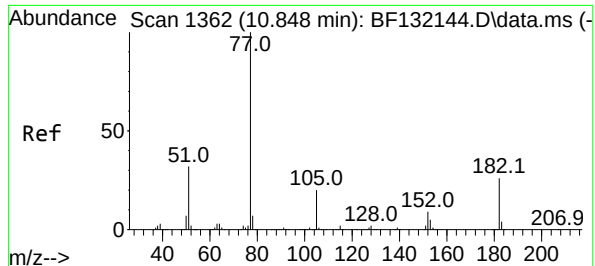
Tgt Ion:204 Resp: 412428
Ion Ratio Lower Upper
204 100
206 33.1 26.4 39.6
141 60.3 49.2 73.8



#62
4-Nitroaniline
Concen: 40.810 ng
RT: 10.707 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF132148.D
Acq: 19 Jan 2023 15:44

Tgt Ion:138 Resp: 167869
Ion Ratio Lower Upper
138 100
92 54.5 35.9 75.9
108 89.9 72.0 112.0

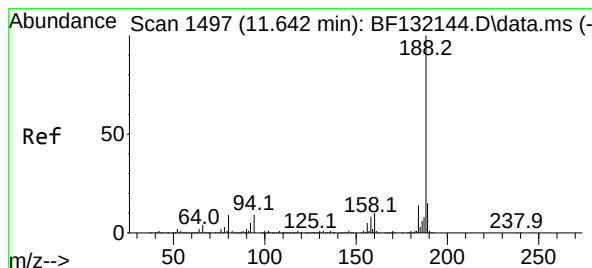
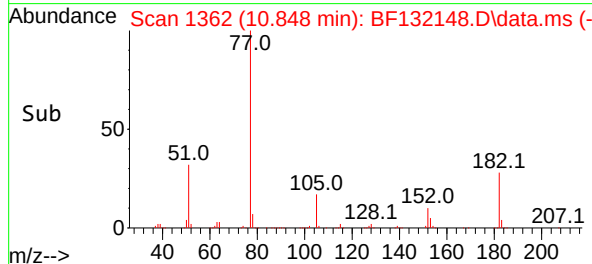
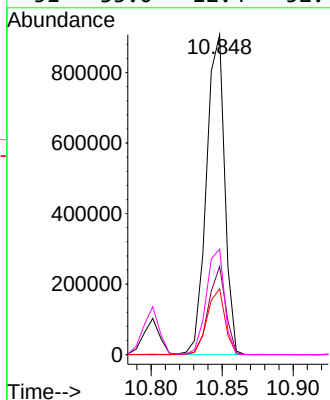
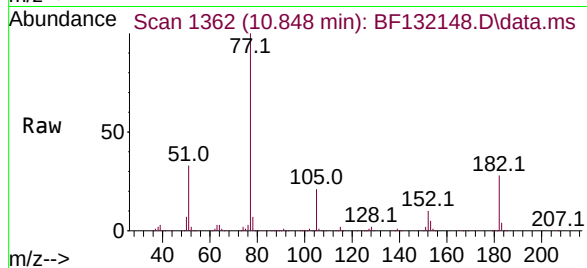




#63
Azobenzene
Concen: 38.693 ng
RT: 10.848 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF132148.D
Acq: 19 Jan 2023 15:44

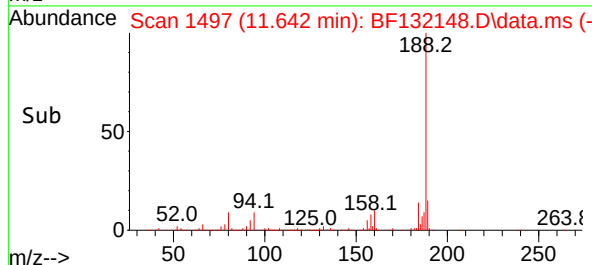
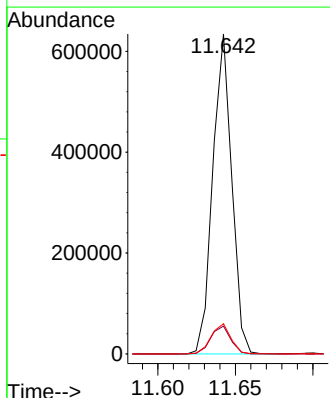
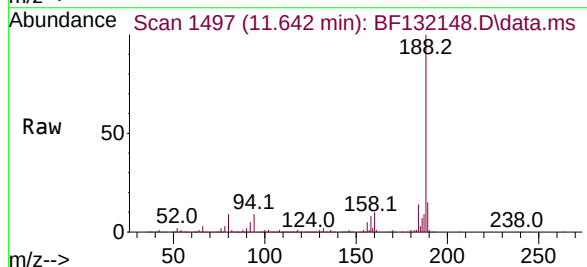
Instrument :
BNA_F
ClientSampleId :
ICVBF011923

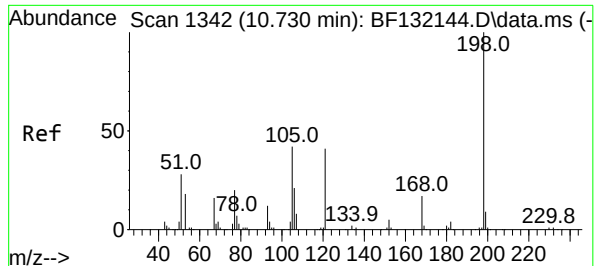
Tgt Ion: 77	Resp: 811938
Ion Ratio	Lower Upper
77 100	
182 27.5	6.4 46.4
105 20.6	0.0 39.8
51 33.0	12.4 52.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.642 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BF132148.D
Acq: 19 Jan 2023 15:44

Tgt Ion: 188	Resp: 541465
Ion Ratio	Lower Upper
188 100	
94 8.7	6.9 10.3
80 9.4	7.5 11.3

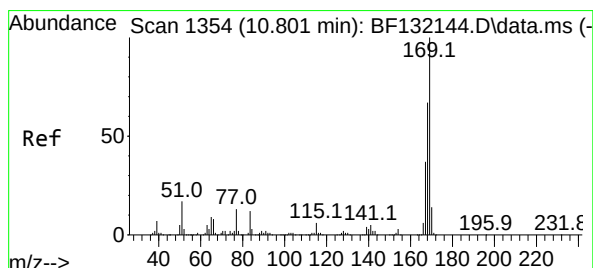
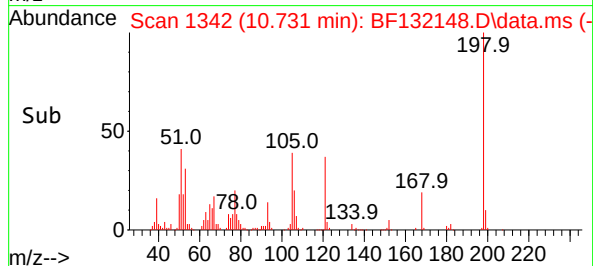
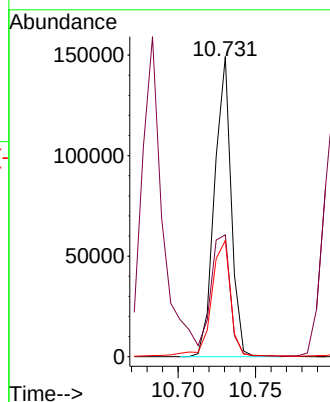
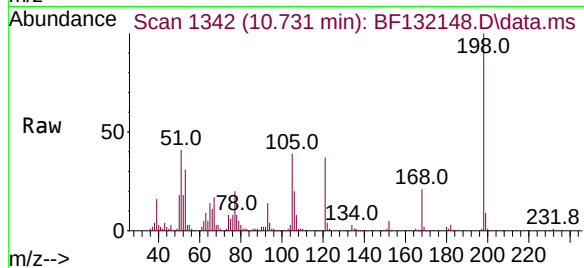




#65
4,6-Dinitro-2-methylphenol
Concen: 42.985 ng
RT: 10.731 min Scan# 1342
Delta R.T. 0.001 min
Lab File: BF132148.D
Acq: 19 Jan 2023 15:44

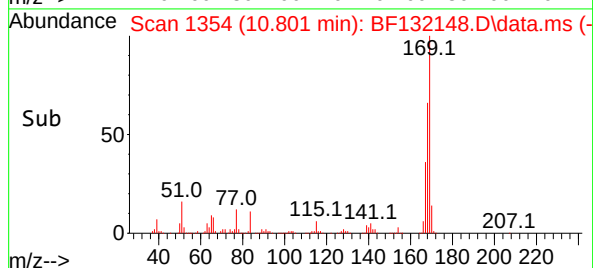
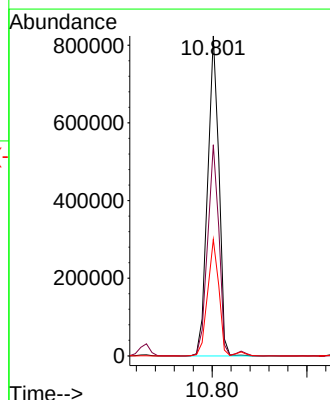
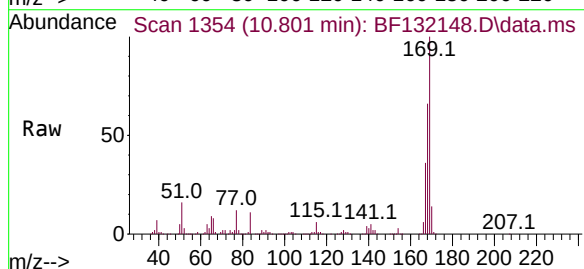
Instrument :
BNA_F
ClientSampleId :
ICVBF011923

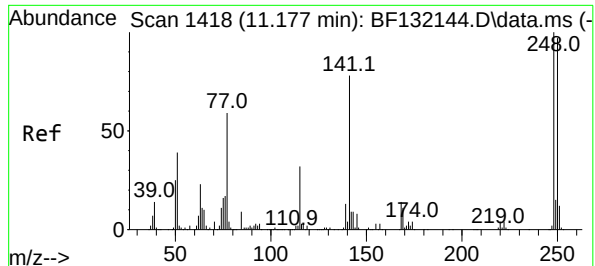
Tgt Ion:198 Resp: 111699
Ion Ratio Lower Upper
198 100
51 40.6 24.3 64.3
105 38.7 23.3 63.3



#66
n-Nitrosodiphenylamine
Concen: 39.352 ng
RT: 10.801 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BF132148.D
Acq: 19 Jan 2023 15:44

Tgt Ion:169 Resp: 682412
Ion Ratio Lower Upper
169 100
168 66.0 53.4 80.0
167 36.4 29.7 44.5

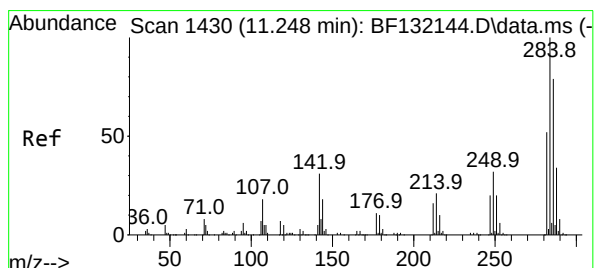
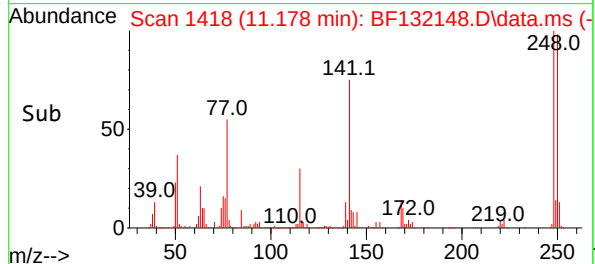
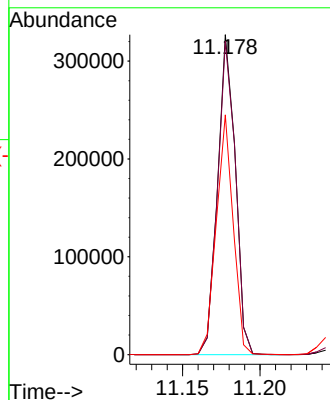
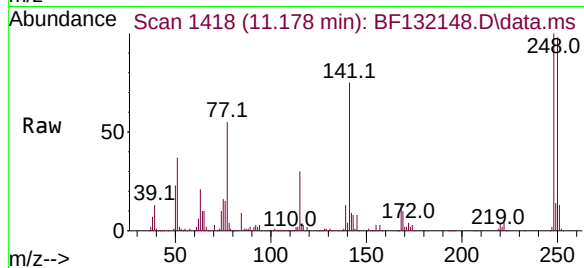




#67
4-Bromophenyl-phenylether
Concen: 39.565 ng
RT: 11.178 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF132148.D
Acq: 19 Jan 2023 15:44

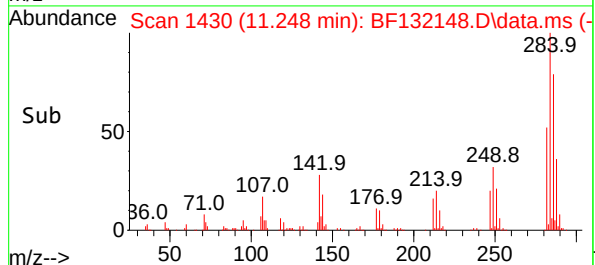
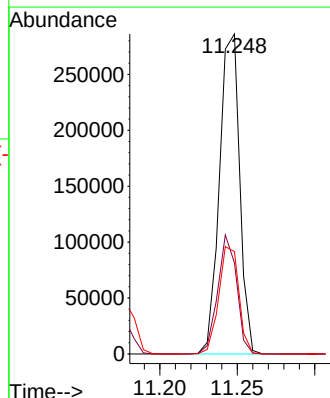
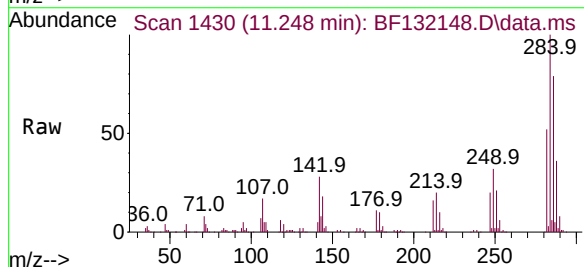
Instrument :
BNA_F
ClientSampleId :
ICVBF011923

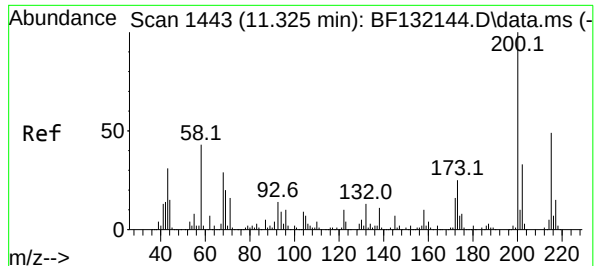
Tgt Ion:248 Resp: 261124
Ion Ratio Lower Upper
248 100
250 97.9 77.4 116.0
141 74.9 62.2 93.2



#68
Hexachlorobenzene
Concen: 39.667 ng
RT: 11.248 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF132148.D
Acq: 19 Jan 2023 15:44

Tgt Ion:284 Resp: 260189
Ion Ratio Lower Upper
284 100
142 28.5 24.7 37.1
249 32.0 25.6 38.4





#69

Atrazine

Concen: 40.505 ng

RT: 11.325 min Scan# 1443

Delta R.T. 0.000 min

Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

Instrument :

BNA_F

ClientSampleId :

ICVBF011923

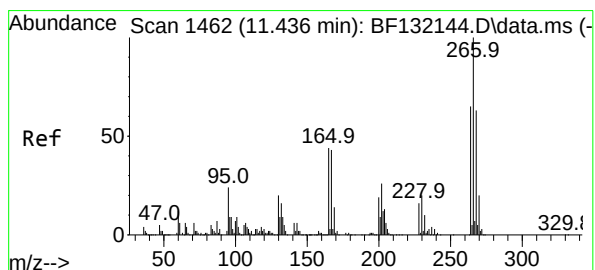
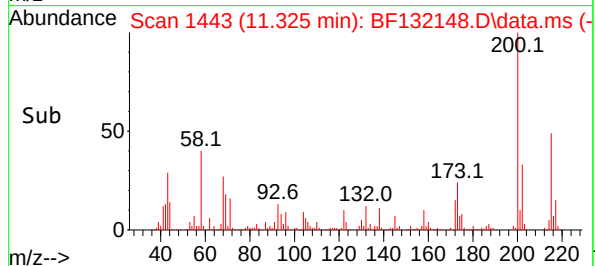
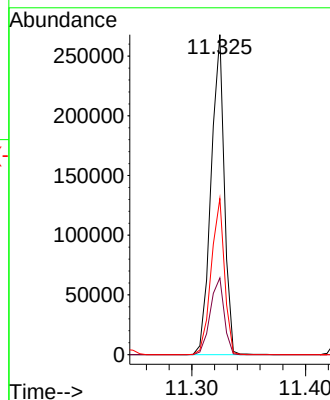
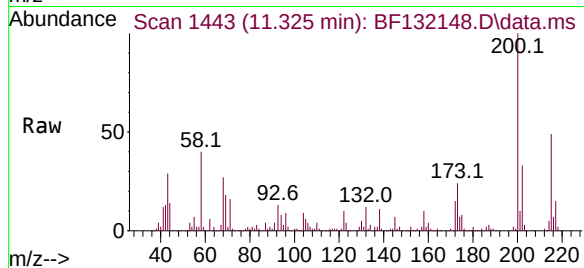
Tgt Ion:200 Resp: 216709

Ion Ratio Lower Upper

200 100

173 24.0 5.0 45.0

215 48.8 28.6 68.6



#70

Pentachlorophenol

Concen: 44.053 ng

RT: 11.436 min Scan# 1462

Delta R.T. 0.000 min

Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

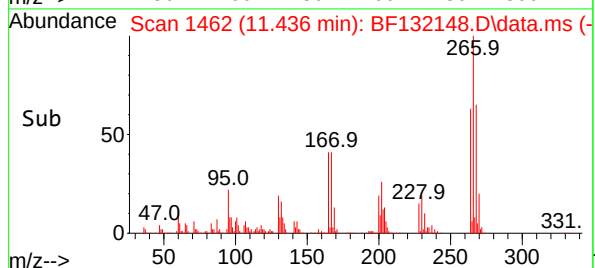
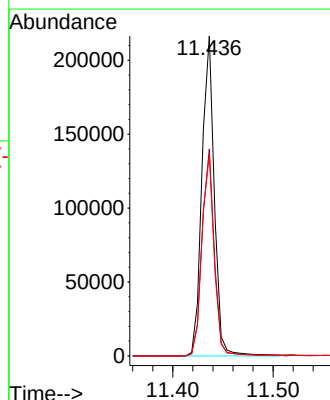
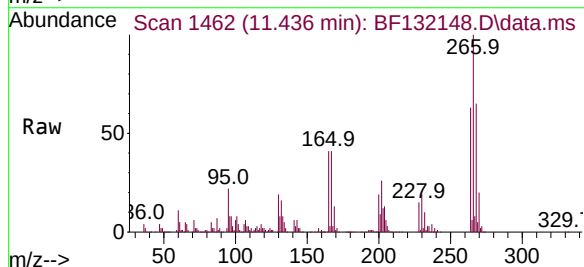
Tgt Ion:266 Resp: 185687

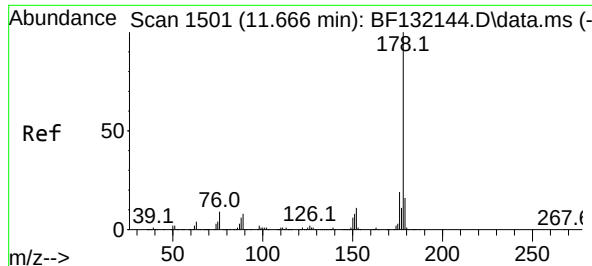
Ion Ratio Lower Upper

266 100

268 64.7 50.8 76.2

264 62.8 52.3 78.5

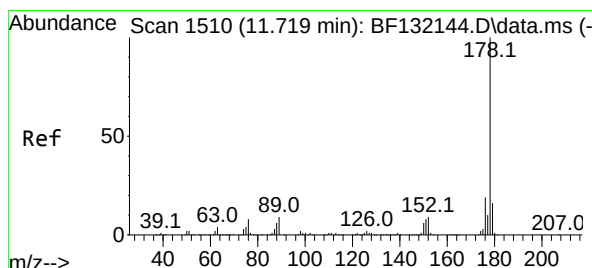
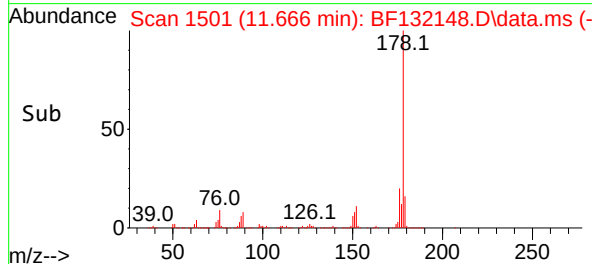
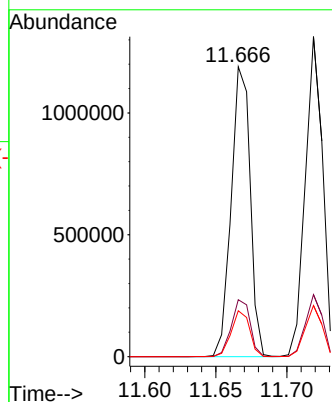
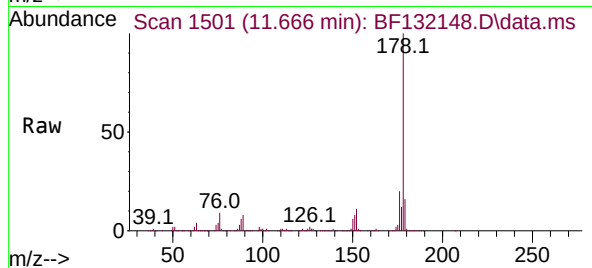




#71
Phenanthrene
Concen: 38.938 ng
RT: 11.666 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF132148.D
Acq: 19 Jan 2023 15:44

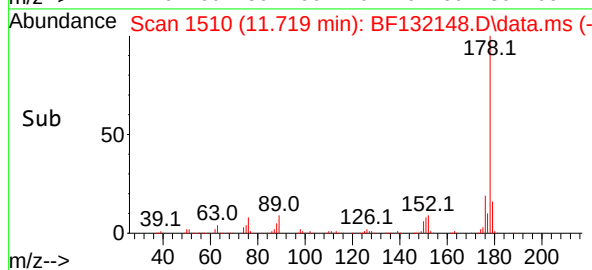
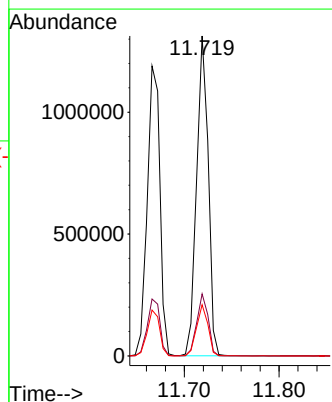
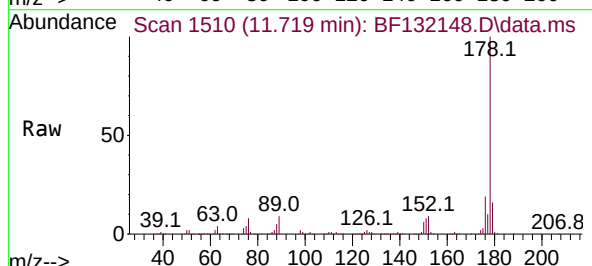
Instrument :
BNA_F
ClientSampleId :
ICVBF011923

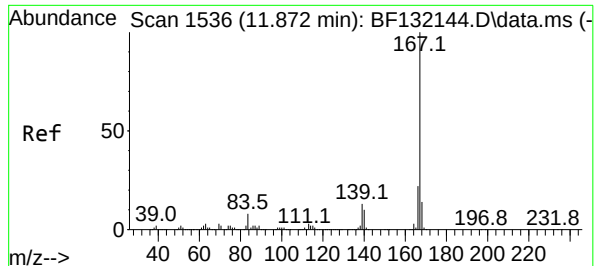
Tgt Ion:178 Resp: 1106432
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.8 12.6 19.0



#72
Anthracene
Concen: 38.898 ng
RT: 11.719 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BF132148.D
Acq: 19 Jan 2023 15:44

Tgt Ion:178 Resp: 1118170
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 16.0 12.6 18.8

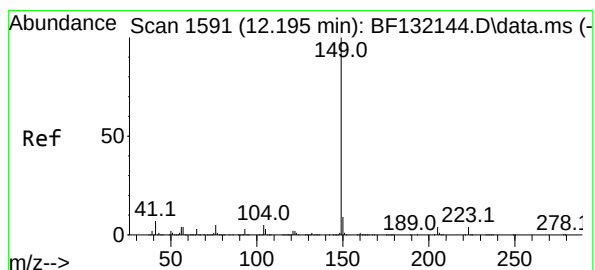
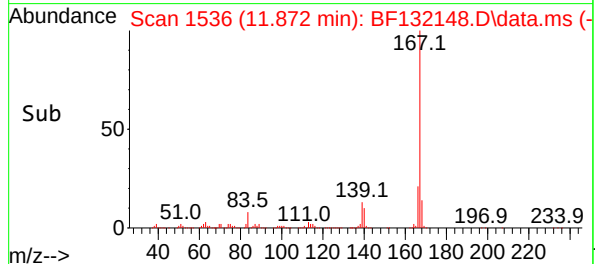
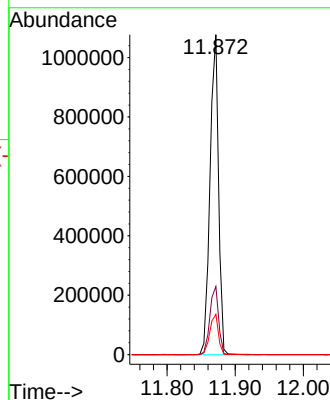
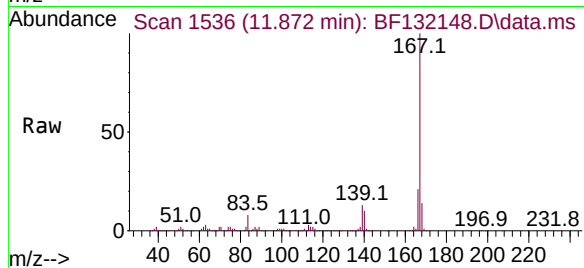




#73
Carbazole
Concen: 38.127 ng
RT: 11.872 min Scan# 1536
Delta R.T. 0.000 min
Lab File: BF132148.D
Acq: 19 Jan 2023 15:44

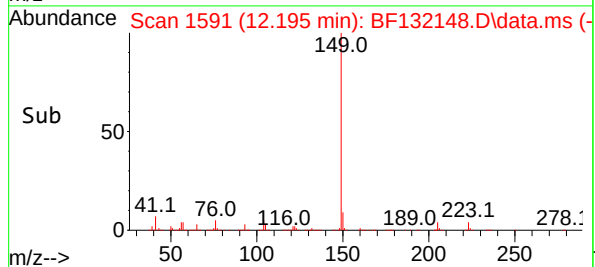
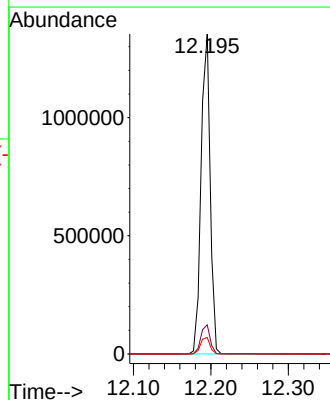
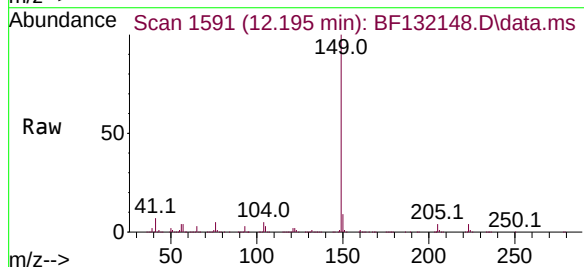
Instrument :
BNA_F
ClientSampleId :
ICVBF011923

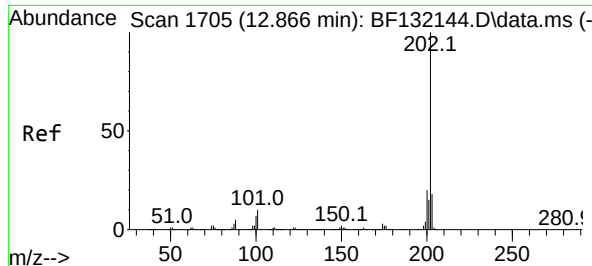
Tgt Ion:167 Resp: 936219
Ion Ratio Lower Upper
167 100
166 21.3 17.7 26.5
139 12.6 10.5 15.7



#74
Di-n-butylphthalate
Concen: 40.307 ng
RT: 12.195 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF132148.D
Acq: 19 Jan 2023 15:44

Tgt Ion:149 Resp: 1101796
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 5.1 4.3 6.5





#75

Fluoranthene

Concen: 37.600 ng

RT: 12.866 min Scan# 1705

Delta R.T. -0.000 min

Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

Instrument :

BNA_F

ClientSampleId :

ICVBF011923

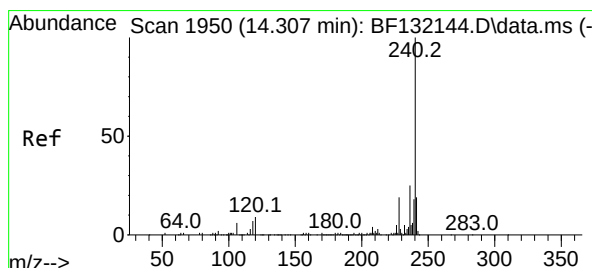
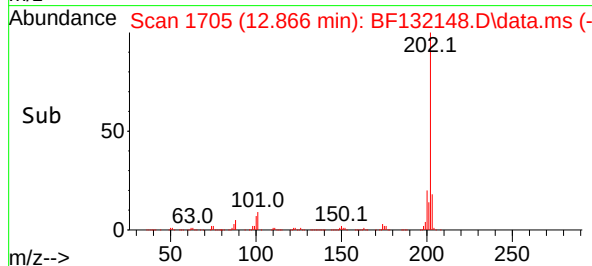
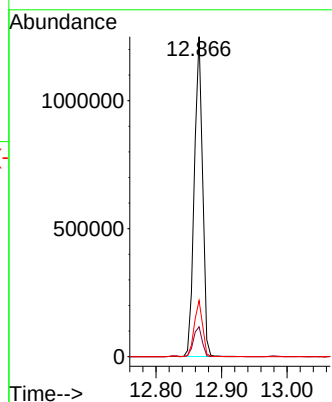
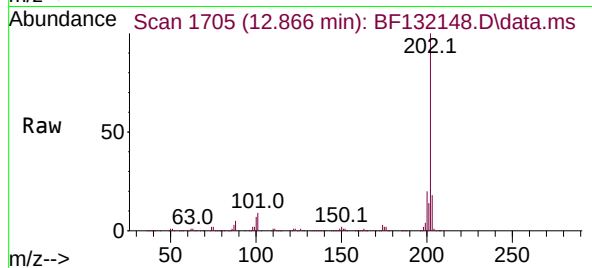
Tgt Ion:202 Resp: 1097474

Ion Ratio Lower Upper

202 100

101 9.3 0.0 29.6

203 17.5 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.307 min Scan# 1950

Delta R.T. 0.000 min

Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

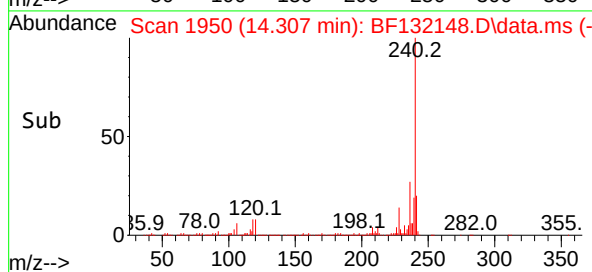
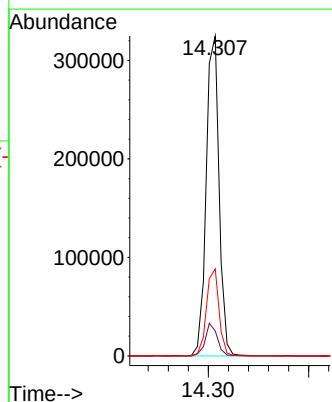
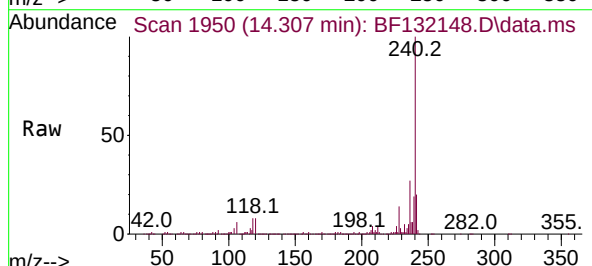
Tgt Ion:240 Resp: 289030

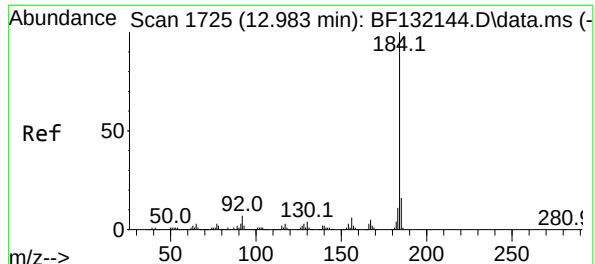
Ion Ratio Lower Upper

240 100

120 7.8 6.9 10.3

236 27.2 20.3 30.5





#77

Benzidine

Concen: 40.675 ng

RT: 12.983 min Scan# 1725

Delta R.T. 0.000 min

Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

Instrument :

BNA_F

ClientSampleId :

ICVBF011923

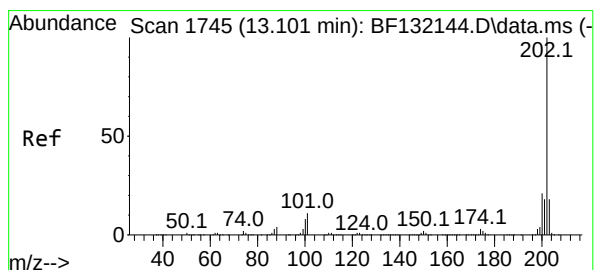
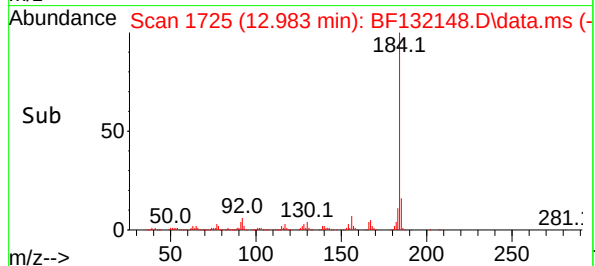
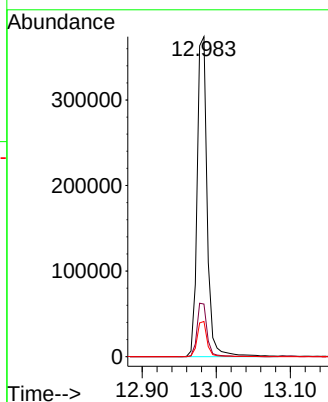
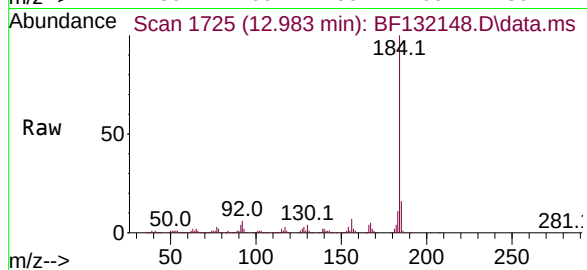
Tgt Ion:184 Resp: 352976

Ion Ratio Lower Upper

184 100

185 16.4 12.5 18.7

183 11.0 9.0 13.4



#78

Pyrene

Concen: 40.977 ng

RT: 13.101 min Scan# 1745

Delta R.T. 0.000 min

Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

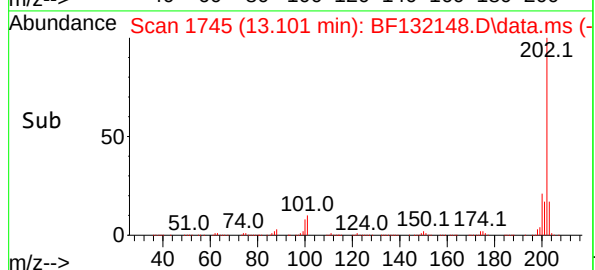
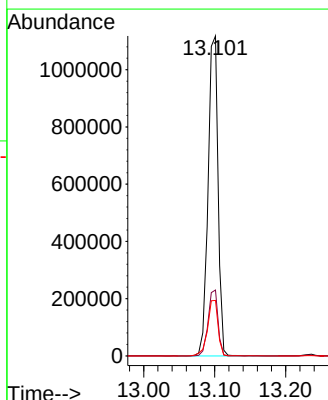
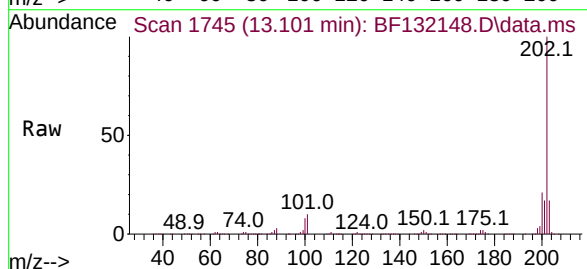
Tgt Ion:202 Resp: 1091496

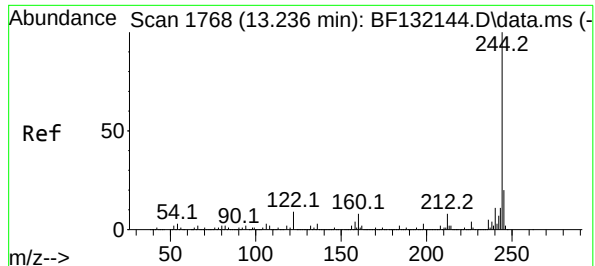
Ion Ratio Lower Upper

202 100

200 20.6 16.7 25.1

203 17.3 14.0 21.0

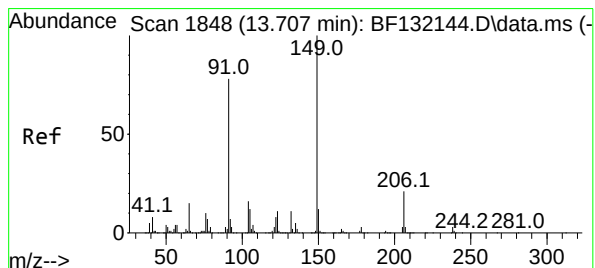
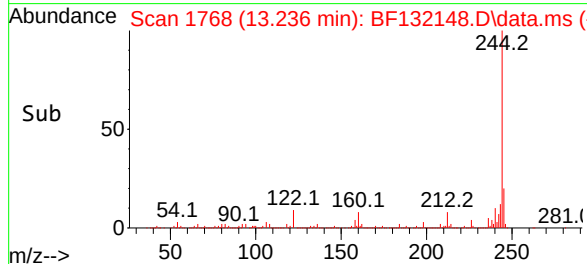
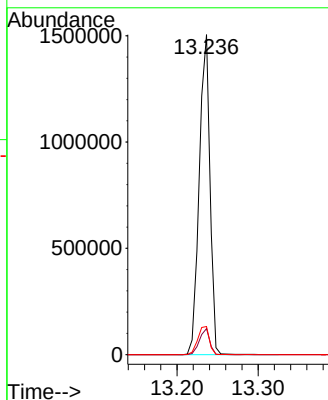
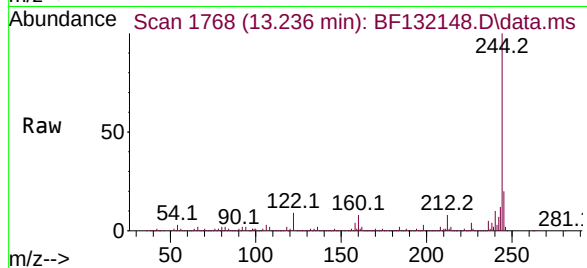




#79
Terphenyl-d14
Concen: 79.705 ng
RT: 13.236 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BF132148.D
Acq: 19 Jan 2023 15:44

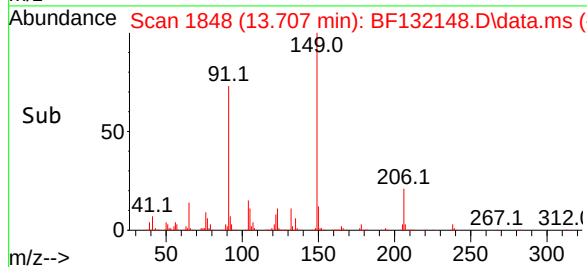
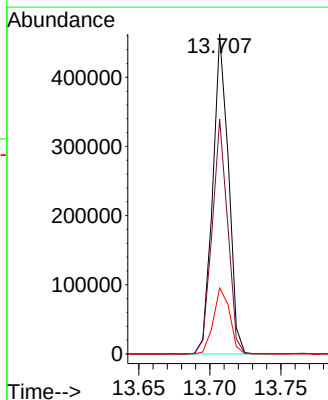
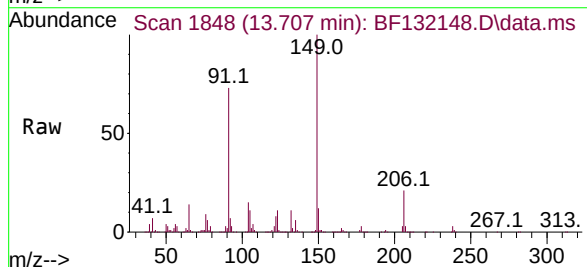
Instrument :
BNA_F
ClientSampleId :
ICVBF011923

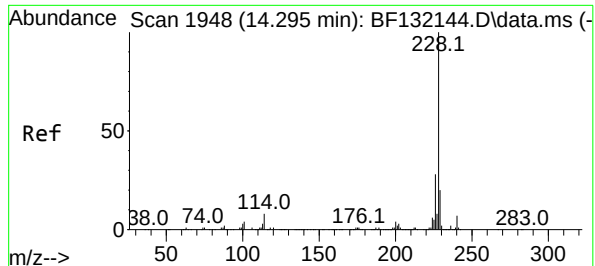
Tgt Ion:244 Resp: 1375266
Ion Ratio Lower Upper
244 100
212 8.1 6.7 10.1
122 8.8 7.4 11.2



#80
Butylbenzylphthalate
Concen: 41.476 ng
RT: 13.707 min Scan# 1848
Delta R.T. -0.000 min
Lab File: BF132148.D
Acq: 19 Jan 2023 15:44

Tgt Ion:149 Resp: 356250
Ion Ratio Lower Upper
149 100
91 73.3 62.6 94.0
206 20.6 16.4 24.6





#81

Benzo(a)anthracene

Concen: 39.867 ng

RT: 14.295 min Scan# 1948

Delta R.T. 0.000 min

Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

Instrument :

BNA_F

ClientSampleId :

ICVBF011923

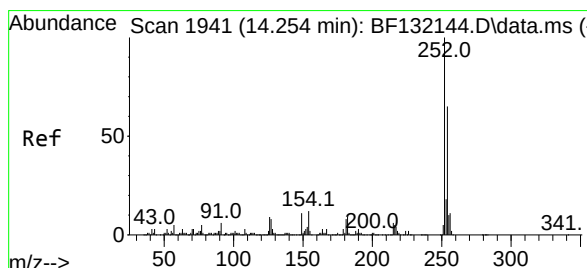
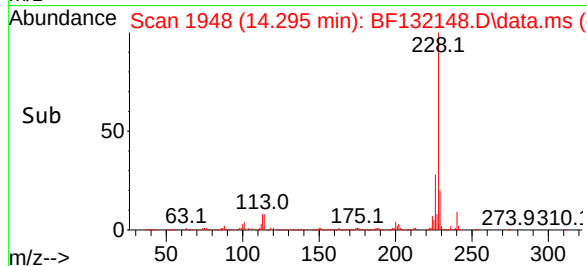
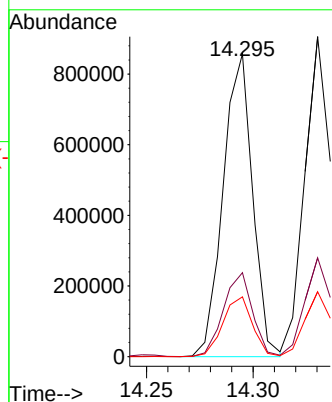
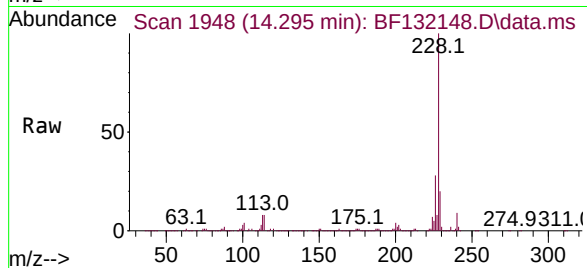
Tgt Ion:228 Resp: 823181

Ion Ratio Lower Upper

228 100

226 27.7 22.5 33.7

229 19.7 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 44.466 ng

RT: 14.248 min Scan# 1940

Delta R.T. -0.006 min

Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

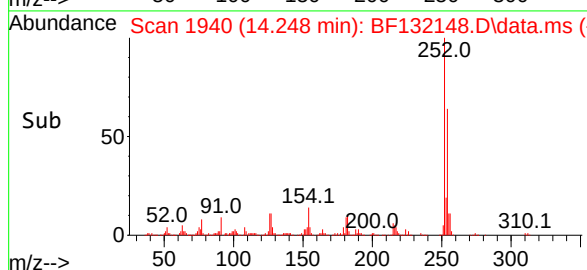
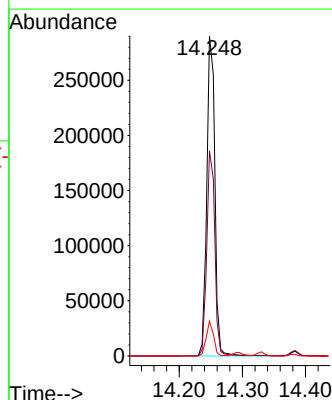
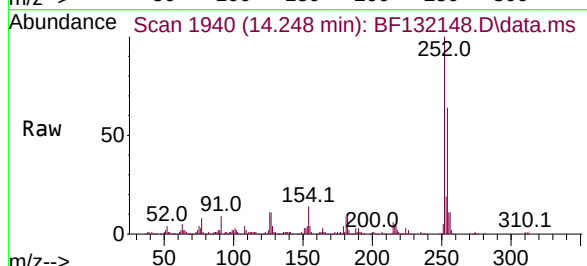
Tgt Ion:252 Resp: 255697

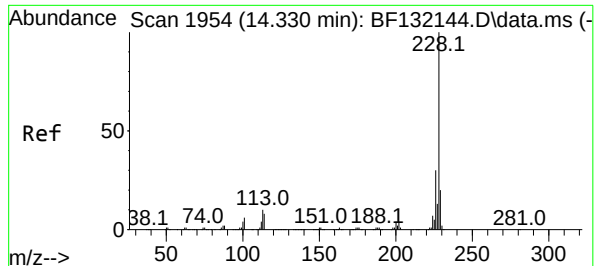
Ion Ratio Lower Upper

252 100

254 64.1 52.4 78.6

126 10.8 7.0 10.6#

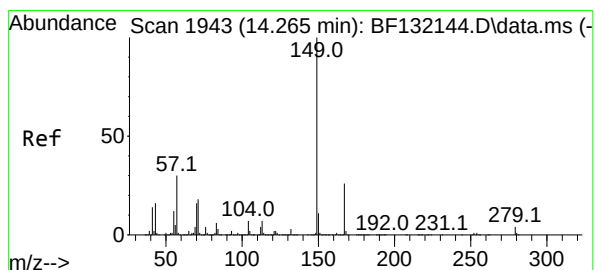
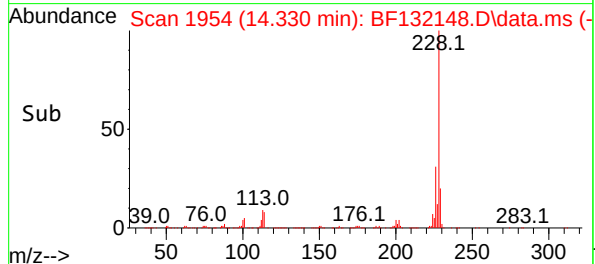
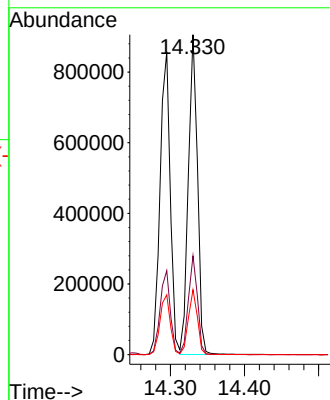
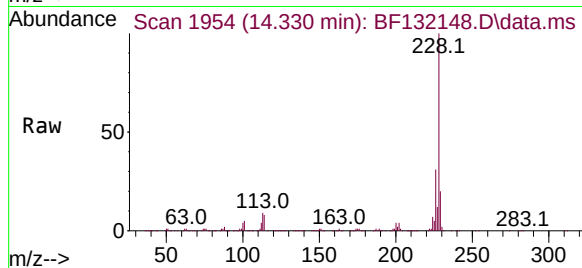




#83
Chrysene
Concen: 39.446 ng
RT: 14.330 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BF132148.D
Acq: 19 Jan 2023 15:44

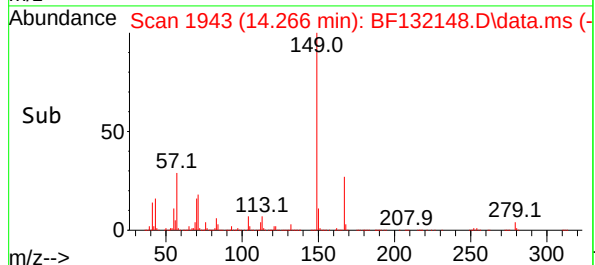
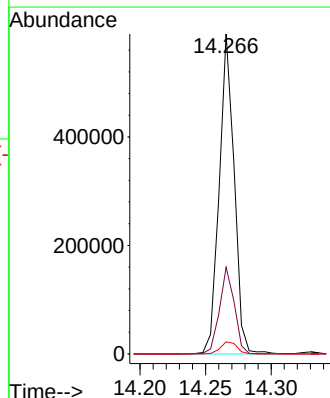
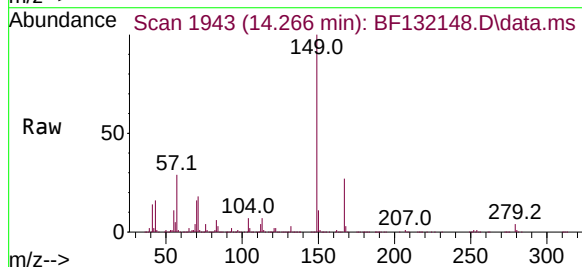
Instrument :
BNA_F
ClientSampleId :
ICVBF011923

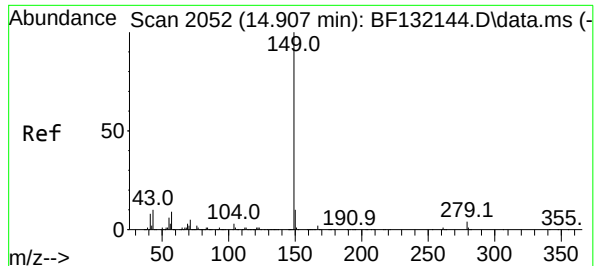
Tgt Ion	228	226	229
Resp:	775281		
Ratio	100	30.9	20.3
Lower		24.3	15.8
Upper		36.5	23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.877 ng
RT: 14.266 min Scan# 1943
Delta R.T. 0.001 min
Lab File: BF132148.D
Acq: 19 Jan 2023 15:44

Tgt Ion	149	167	279
Resp:	468631		
Ratio	100	27.1	3.8
Lower		21.0	3.2
Upper		31.6	4.8

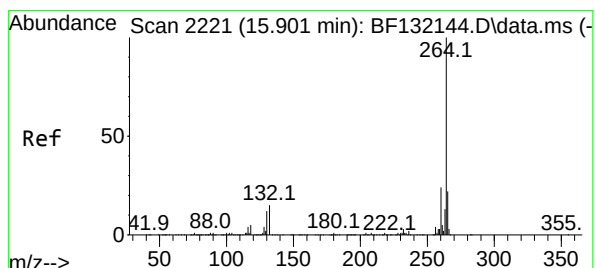
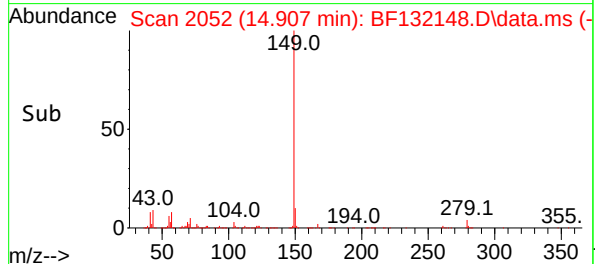
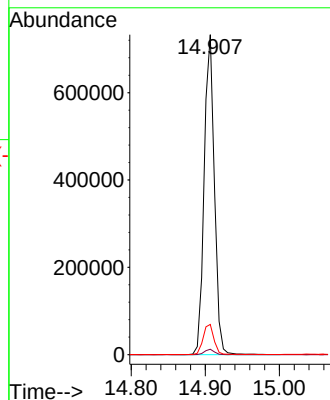
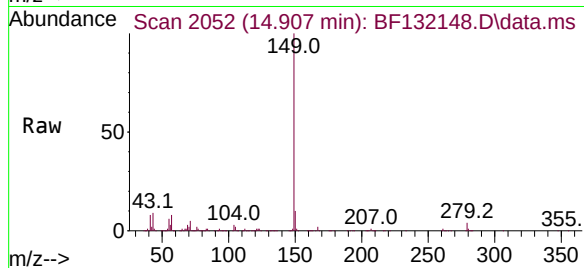




#85
Di-n-octyl phthalate
Concen: 42.292 ng
RT: 14.907 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BF132148.D
Acq: 19 Jan 2023 15:44

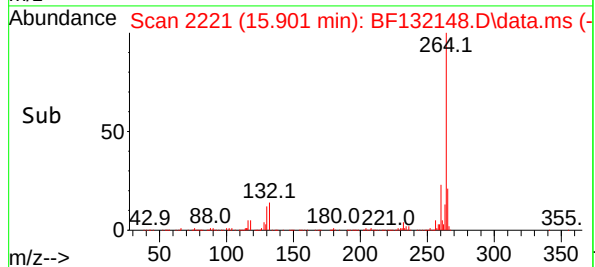
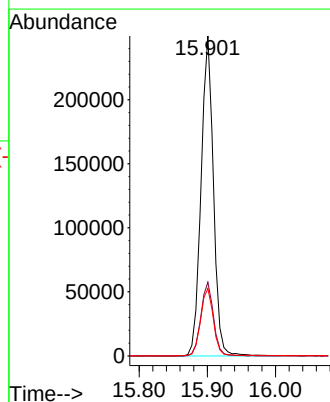
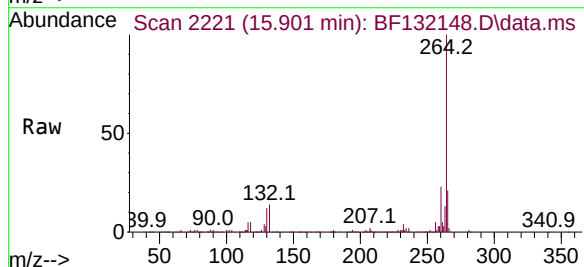
Instrument :
BNA_F
ClientSampleId :
ICVBF011923

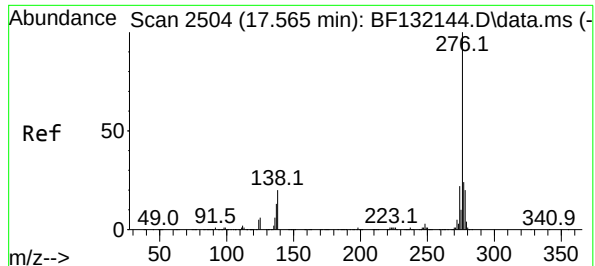
Tgt Ion:149 Resp: 699411
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.0 8.4 12.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.901 min Scan# 2221
Delta R.T. -0.000 min
Lab File: BF132148.D
Acq: 19 Jan 2023 15:44

Tgt Ion:264 Resp: 315389
Ion Ratio Lower Upper
264 100
260 23.0 19.1 28.7
265 21.1 17.4 26.0

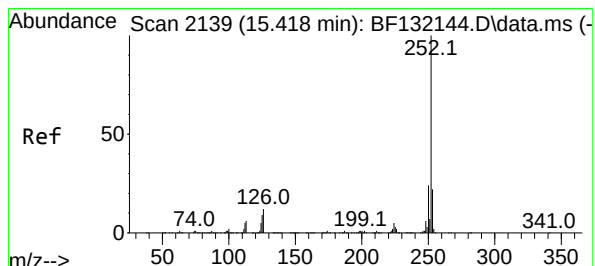
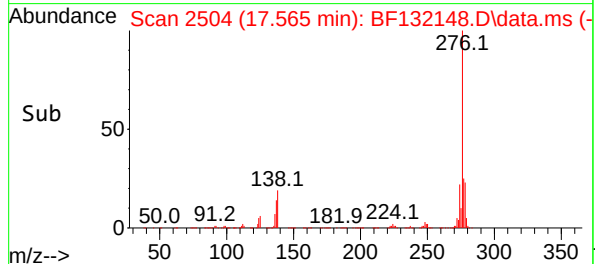
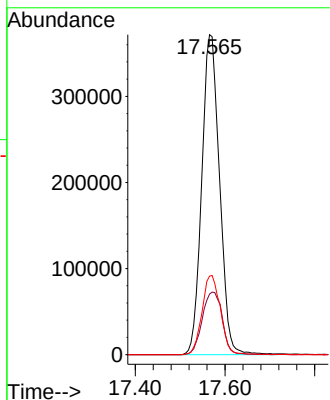
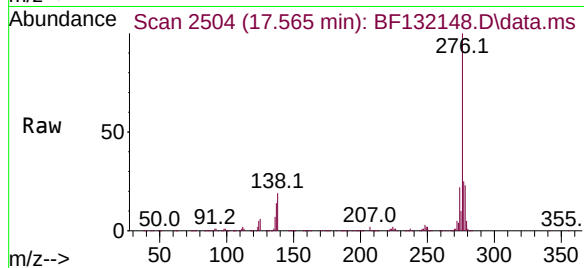




#87
Indeno(1,2,3-cd)pyrene
Concen: 41.080 ng
RT: 17.565 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF132148.D
Acq: 19 Jan 2023 15:44

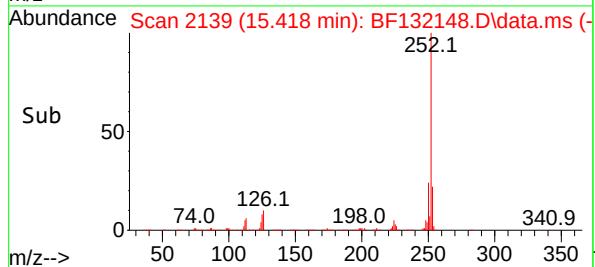
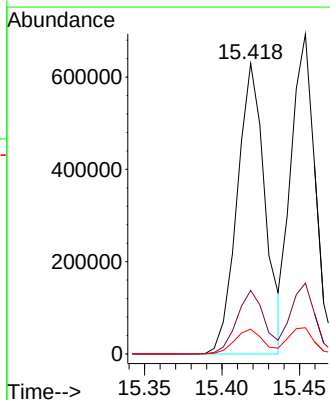
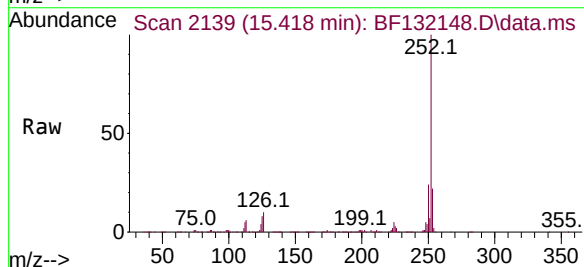
Instrument :
BNA_F
ClientSampleId :
ICVBF011923

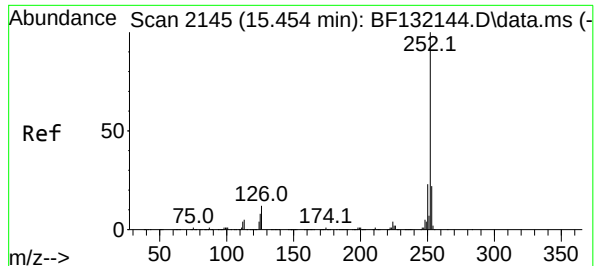
Tgt Ion:276 Resp: 1022972
Ion Ratio Lower Upper
276 100
138 22.0 17.9 26.9
277 25.5 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 41.092 ng
RT: 15.418 min Scan# 2139
Delta R.T. 0.000 min
Lab File: BF132148.D
Acq: 19 Jan 2023 15:44

Tgt Ion:252 Resp: 789087
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 8.5 7.2 10.8





#89

Benzo(k)fluoranthene

Concen: 38.618 ng

RT: 15.454 min Scan# 2145

Delta R.T. -0.000 min

Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

Instrument :

BNA_F

ClientSampleId :

ICVBF011923

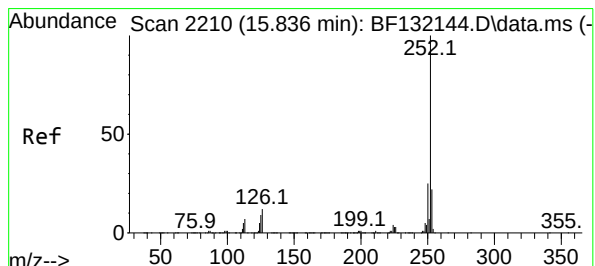
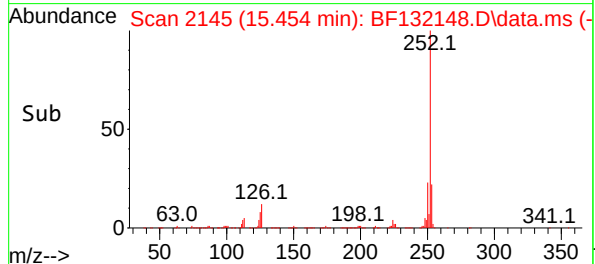
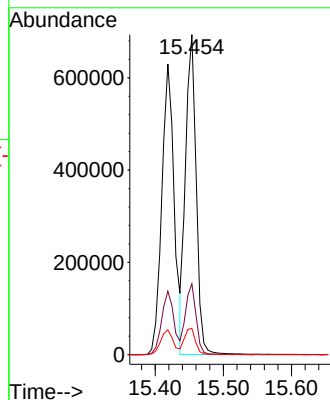
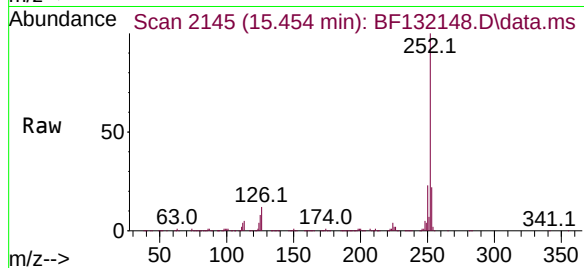
Tgt Ion:252 Resp: 756317

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 8.2 6.4 9.6



#90

Benzo(a)pyrene

Concen: 41.276 ng

RT: 15.830 min Scan# 2209

Delta R.T. -0.006 min

Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

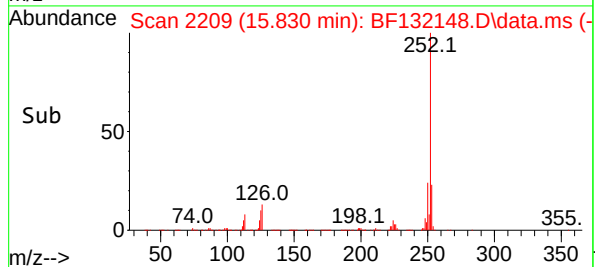
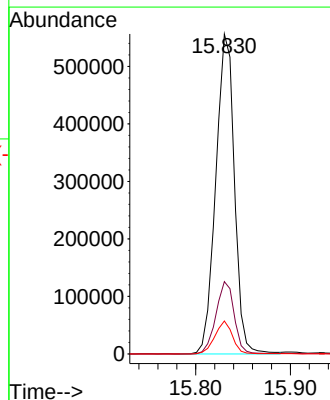
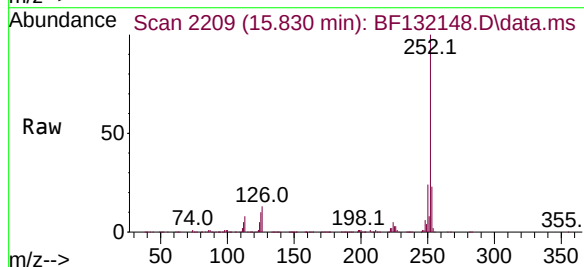
Tgt Ion:252 Resp: 762470

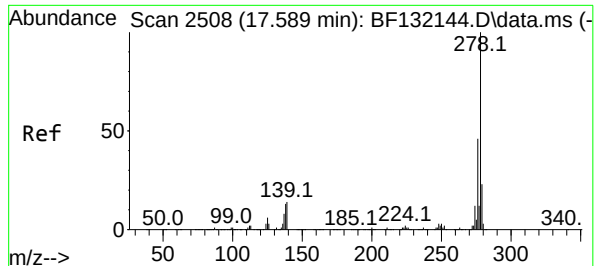
Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

125 10.3 7.3 10.9





#91

Dibenzo(a,h)anthracene

Concen: 44.798 ng

RT: 17.589 min Scan# 2508

Delta R.T. -0.000 min

Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

Instrument :

BNA_F

ClientSampleId :

ICVBF011923

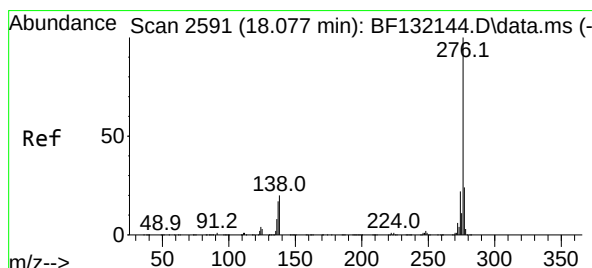
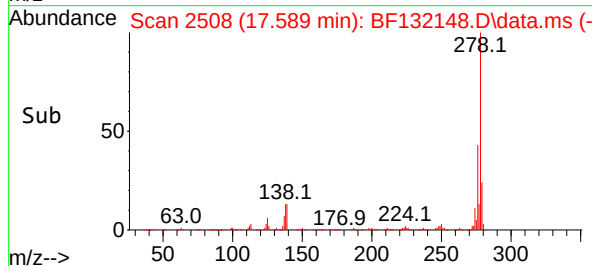
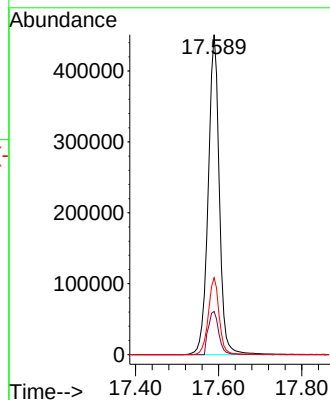
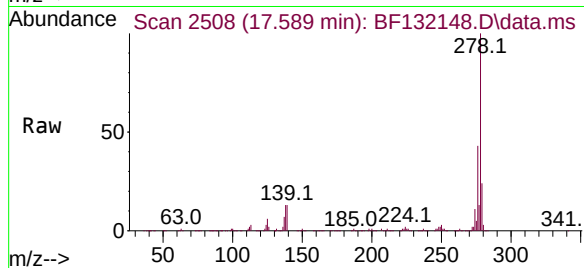
Tgt Ion:278 Resp: 836172

Ion Ratio Lower Upper

278 100

139 13.5 11.4 17.2

279 24.0 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 40.647 ng

RT: 18.077 min Scan# 2591

Delta R.T. 0.000 min

Lab File: BF132148.D

Acq: 19 Jan 2023 15:44

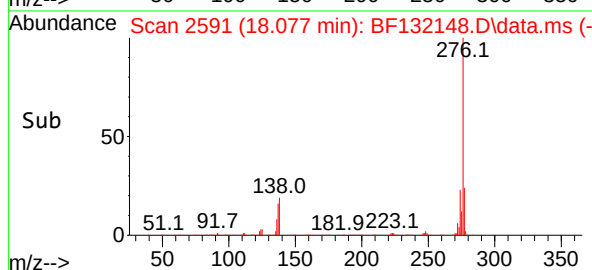
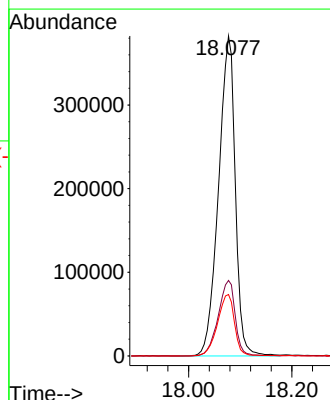
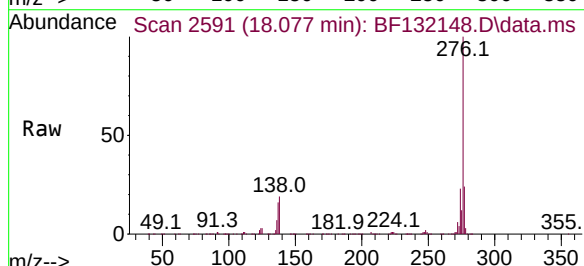
Tgt Ion:276 Resp: 867368

Ion Ratio Lower Upper

276 100

277 23.6 18.9 28.3

138 19.2 15.7 23.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011923\
 Data File : BF132148.D
 Acq On : 19 Jan 2023 15:44
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF011923

Quant Time: Jan 20 00:55:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:50:42 2023
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
2	1,4-Dioxane	0.580	0.570	1.7	95	0.00
3	Pyridine	1.557	1.551	0.4	95	0.00
4	n-Nitrosodimethylamine	0.732	0.740	-1.1	98	0.00
5 S	2-Fluorophenol	1.145	1.140	0.4	98	0.00
6	Aniline	1.996	1.959	1.9	97	0.00
7 S	Phenol-d6	1.441	1.432	0.6	98	0.00
8	2-Chlorophenol	1.203	1.221	-1.5	99	0.00
9	Benzaldehyde	0.927	0.942	-1.6	100	0.00
10 C	Phenol	1.500	1.489	0.7	98	0.00
11	bis(2-Chloroethyl)ether	1.270	1.247	1.8	97	0.00
12	1,3-Dichlorobenzene	1.345	1.330	1.1	98	0.00
13 C	1,4-Dichlorobenzene	1.342	1.342	0.0	98	0.00
14	1,2-Dichlorobenzene	1.241	1.221	1.6	98	0.00
15	Benzyl Alcohol	1.102	1.145	-3.9	100	0.00
16	2,2'-oxybis(1-Chloropropane	1.846	1.830	0.9	97	0.00
17	2-Methylphenol	1.054	1.056	-0.2	98	0.00
18	Hexachloroethane	0.482	0.498	-3.3	98	0.00
19 P	n-Nitroso-di-n-propylamine	0.883	0.855	3.2	97	0.00
20	3+4-Methylphenols	1.328	1.350	-1.7	99	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	98	0.00
22	Acetophenone	0.481	0.459	4.6	97	0.00
23 S	Nitrobenzene-d5	0.376	0.390	-3.7	100	0.00
24	Nitrobenzene	0.399	0.411	-3.0	99	0.00
25	Isophorone	0.737	0.722	2.0	98	0.00
26 C	2-Nitrophenol	0.127	0.167	-31.5#	111	0.00
27	2,4-Dimethylphenol	0.319	0.321	-0.6	97	0.00
28	bis(2-Chloroethoxy)methane	0.442	0.434	1.8	99	0.00
29 C	2,4-Dichlorophenol	0.303	0.308	-1.7	98	0.00
30	1,2,4-Trichlorobenzene	0.344	0.338	1.7	98	0.00
31	Naphthalene	1.027	0.998	2.8	98	0.00
32	Benzoic acid	0.187	0.220	-17.6	115	0.00
33	4-Chloroaniline	0.440	0.432	1.8	97	0.00
34 C	Hexachlorobutadiene	0.231	0.232	-0.4	100	0.00
35	Caprolactam	0.086	0.090	-4.7	97	0.00
36 C	4-Chloro-3-methylphenol	0.305	0.309	-1.3	98	0.00
37	2-Methylnaphthalene	0.707	0.687	2.8	98	0.00
38	1-Methylnaphthalene	0.658	0.635	3.5	97	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	98	0.00
40	1,2,4,5-Tetrachlorobenzene	0.696	0.682	2.0	98	0.00
41 P	Hexachlorocyclopentadiene	0.380	0.406	-6.8	102	0.00
42 S	2,4,6-Tribromophenol	0.214	0.224	-4.7	100	0.00
43 C	2,4,6-Trichlorophenol	0.432	0.448	-3.7	98	0.00
44	2,4,5-Trichlorophenol	0.505	0.526	-4.2	99	0.00
45 S	2-Fluorobiphenyl	1.369	1.261	7.9	99	0.00
46	1,1'-Biphenyl	1.578	1.539	2.5	98	0.00
47	2-Chloronaphthalene	1.220	1.185	2.9	97	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011923\
 Data File : BF132148.D
 Acq On : 19 Jan 2023 15:44
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF011923

Quant Time: Jan 20 00:55:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:50:42 2023
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.351	0.395	-12.5	102	0.00
49	Acenaphthylene	1.951	1.911	2.1	98	0.00
50	Dimethylphthalate	1.449	1.439	0.7	98	0.00
51	2,6-Dinitrotoluene	0.281	0.310	-10.3	101	0.00
52 C	Acenaphthene	1.174	1.139	3.0	98	0.00
53	3-Nitroaniline	0.300	0.326	-8.7	100	0.00
54 P	2,4-Dinitrophenol	0.108	0.132	-22.2	117	0.00
55	Dibenzofuran	1.814	1.749	3.6	97	0.00
56 P	4-Nitrophenol	0.218	0.244	-11.9	103	0.00
57	2,4-Dinitrotoluene	0.337	0.385	-14.2	107	0.00
58	Fluorene	1.344	1.283	4.5	98	0.00
59	2,3,4,6-Tetrachlorophenol	0.384	0.404	-5.2	98	0.00
60	Diethylphthalate	1.420	1.408	0.8	97	0.00
61	4-Chlorophenyl-phenylether	0.720	0.700	2.8	98	0.00
62	4-Nitroaniline	0.279	0.285	-2.2	99	0.00
63	Azobenzene	1.426	1.379	3.3	97	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	95	0.00
65	4,6-Dinitro-2-methylphenol	0.087	0.103	-18.4	116	0.00
66 c	n-Nitrosodiphenylamine	0.641	0.630	1.7	97	0.00
67	4-Bromophenyl-phenylether	0.244	0.241	1.2	96	0.00
68	Hexachlorobenzene	0.242	0.240	0.8	97	0.00
69	Atrazine	0.198	0.200	-1.0	96	0.00
70 C	Pentachlorophenol	0.156	0.171	-9.6	100	0.00
71	Phenanthrene	1.050	1.022	2.7	97	0.00
72	Anthracene	1.062	1.033	2.7	97	0.00
73	Carbazole	0.907	0.865	4.6	95	0.00
74	Di-n-butylphthalate	1.010	1.017	-0.7	97	0.00
75 C	Fluoranthene	1.078	1.013	6.0	95	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	93	0.00
77	Benzydine	0.600	0.611	-1.8	83	0.00
78	Pyrene	1.843	1.888	-2.4	95	0.00
79 S	Terphenyl-d14	1.194	1.190	0.3	95	0.00
80	Butylbenzylphthalate	0.534	0.616	-15.4	98	0.00
81	Benzo(a)anthracene	1.429	1.424	0.3	94	0.00
82	3,3'-Dichlorobenzidine	0.398	0.442	-11.1	97	0.00
83	Chrysene	1.360	1.341	1.4	93	0.00
84	Bis(2-ethylhexyl)phthalate	0.705	0.811	-15.0	98	0.00
85 c	Di-n-octyl phthalate	1.083	1.210	-11.7	103	0.00
86 I	Perylene-d12	1.000	1.000	0.0	98	0.00
87	Indeno(1,2,3-cd)pyrene	1.451	1.622	-11.8	101	0.00
88	Benzo(b)fluoranthene	1.218	1.251	-2.7	100	0.00
89	Benzo(k)fluoranthene	1.242	1.199	3.5	97	0.00
90 C	Benzo(a)pyrene	1.171	1.209	-3.2	99	0.00
91	Dibenzo(a,h)anthracene	1.184	1.326	-12.0	101	0.00
92	Benzo(g,h,i)perylene	1.246	1.375	-10.4	100	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011923\
Data File : BF132148.D
Acq On : 19 Jan 2023 15:44
Operator : CG\JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF011923

Quant Time: Jan 20 00:55:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 20 00:50:42 2023
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
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(#) = Out of Range

SPCC's out = 0 CCC's out = 1

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011923\
 Data File : BF132148.D
 Acq On : 19 Jan 2023 15:44
 Operator : CG\JU
 Sample : SSTDICV040
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Instrument :
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Quant Time: Jan 20 00:55:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:50:42 2023
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	96	0.00
2	1,4-Dioxane	40.000	39.301	1.7	95	0.00
3	Pyridine	40.000	39.841	0.4	95	0.00
4	n-Nitrosodimethylamine	40.000	40.425	-1.1	98	0.00
5 S	2-Fluorophenol	80.000	79.645	0.4	98	0.00
6	Aniline	40.000	39.256	1.9	97	0.00
7 S	Phenol-d6	80.000	79.486	0.6	98	0.00
8	2-Chlorophenol	40.000	40.571	-1.4	99	0.00
9	Benzaldehyde	40.000	40.632	-1.6	100	0.00
10 C	Phenol	40.000	39.701	0.7	98	0.00
11	bis(2-Chloroethyl)ether	40.000	39.259	1.9	97	0.00
12	1,3-Dichlorobenzene	40.000	39.552	1.1	98	0.00
13 C	1,4-Dichlorobenzene	40.000	39.996	0.0	98	0.00
14	1,2-Dichlorobenzene	40.000	39.349	1.6	98	0.00
15	Benzyl Alcohol	40.000	41.551	-3.9	100	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	39.664	0.8	97	0.00
17	2-Methylphenol	40.000	40.067	-0.2	98	0.00
18	Hexachloroethane	40.000	41.373	-3.4	98	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	38.753	3.1	97	0.00
20	3+4-Methylphenols	40.000	40.648	-1.6	99	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	98	0.00
22	Acetophenone	40.000	38.155	4.6	97	0.00
23 S	Nitrobenzene-d5	80.000	82.897	-3.6	100	0.00
24	Nitrobenzene	40.000	41.232	-3.1	99	0.00
25	Isophorone	40.000	39.224	1.9	98	0.00
26 C	2-Nitrophenol	40.000	44.494	-11.2	111	0.00
27	2,4-Dimethylphenol	40.000	40.276	-0.7	97	0.00
28	bis(2-Chloroethoxy)methane	40.000	39.240	1.9	99	0.00
29 C	2,4-Dichlorophenol	40.000	40.736	-1.8	98	0.00
30	1,2,4-Trichlorobenzene	40.000	39.345	1.6	98	0.00
31	Naphthalene	40.000	38.858	2.9	98	0.00
32	Benzoic acid	40.000	42.386	-6.0	115	0.00
33	4-Chloroaniline	40.000	39.292	1.8	97	0.00
34 C	Hexachlorobutadiene	40.000	40.159	-0.4	100	0.00
35	Caprolactam	40.000	41.792	-4.5	97	0.00
36 C	4-Chloro-3-methylphenol	40.000	40.638	-1.6	98	0.00
37	2-Methylnaphthalene	40.000	38.851	2.9	98	0.00
38	1-Methylnaphthalene	40.000	38.619	3.5	97	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	98	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	39.204	2.0	98	0.00
41 P	Hexachlorocyclopentadiene	40.000	42.778	-6.9	102	0.00
42 S	2,4,6-Tribromophenol	80.000	83.991	-5.0	100	0.00
43 C	2,4,6-Trichlorophenol	40.000	41.471	-3.7	98	0.00
44	2,4,5-Trichlorophenol	40.000	41.656	-4.1	99	0.00
45 S	2-Fluorobiphenyl	80.000	73.696	7.9	99	0.00
46	1,1'-Biphenyl	40.000	39.026	2.4	98	0.00
47	2-Chloronaphthalene	40.000	38.849	2.9	97	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011923\
 Data File : BF132148.D
 Acq On : 19 Jan 2023 15:44
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF011923

Quant Time: Jan 20 00:55:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:50:42 2023
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	40.882	-2.2	102	0.00
49	Acenaphthylene	40.000	39.175	2.1	98	0.00
50	Dimethylphthalate	40.000	39.729	0.7	98	0.00
51	2,6-Dinitrotoluene	40.000	44.109	-10.3	101	0.00
52 C	Acenaphthene	40.000	38.803	3.0	98	0.00
53	3-Nitroaniline	40.000	43.470	-8.7	100	0.00
54 P	2,4-Dinitrophenol	40.000	43.353	-8.4	117	0.00
55	Dibenzofuran	40.000	38.579	3.6	97	0.00
56 P	4-Nitrophenol	40.000	44.675	-11.7	103	0.00
57	2,4-Dinitrotoluene	40.000	45.732	-14.3	107	0.00
58	Fluorene	40.000	38.193	4.5	98	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	42.074	-5.2	98	0.00
60	Diethylphthalate	40.000	39.637	0.9	97	0.00
61	4-Chlorophenyl-phenylether	40.000	38.934	2.7	98	0.00
62	4-Nitroaniline	40.000	40.810	-2.0	99	0.00
63	Azobenzene	40.000	38.693	3.3	97	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	95	0.00
65	4,6-Dinitro-2-methylphenol	40.000	42.985	-7.5	116	0.00
66 c	n-Nitrosodiphenylamine	40.000	39.352	1.6	97	0.00
67	4-Bromophenyl-phenylether	40.000	39.565	1.1	96	0.00
68	Hexachlorobenzene	40.000	39.667	0.8	97	0.00
69	Atrazine	40.000	40.505	-1.3	96	0.00
70 C	Pentachlorophenol	40.000	44.053	-10.1	100	0.00
71	Phenanthrene	40.000	38.938	2.7	97	0.00
72	Anthracene	40.000	38.898	2.8	97	0.00
73	Carbazole	40.000	38.127	4.7	95	0.00
74	Di-n-butylphthalate	40.000	40.307	-0.8	97	0.00
75 C	Fluoranthene	40.000	37.600	6.0	95	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	93	0.00
77	Benzydine	40.000	40.675	-1.7	83	0.00
78	Pyrene	40.000	40.977	-2.4	95	0.00
79 S	Terphenyl-d14	80.000	79.705	0.4	95	0.00
80	Butylbenzylphthalate	40.000	41.476	-3.7	98	0.00
81	Benzo(a)anthracene	40.000	39.867	0.3	94	0.00
82	3,3'-Dichlorobenzidine	40.000	44.466	-11.2	97	0.00
83	Chrysene	40.000	39.446	1.4	93	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	40.877	-2.2	98	0.00
85 c	Di-n-octyl phthalate	40.000	42.292	-5.7	103	0.00
86 I	Perylene-d12	20.000	20.000	0.0	98	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	41.080	-2.7	101	0.00
88	Benzo(b)fluoranthene	40.000	41.092	-2.7	100	0.00
89	Benzo(k)fluoranthene	40.000	38.618	3.5	97	0.00
90 C	Benzo(a)pyrene	40.000	41.276	-3.2	99	0.00
91	Dibenzo(a,h)anthracene	40.000	44.798	-12.0	101	0.00
92	Benzo(g,h,i)perylene	40.000	40.647	-1.6	100	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011923\
Data File : BF132148.D
Acq On : 19 Jan 2023 15:44
Operator : CG\JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF011923

Quant Time: Jan 20 00:55:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 20 00:50:42 2023
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)
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(#) = Out of Range SPCC's out = 0 CCC's out = 0



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: loui01

Lab Code: CHEM Case No.: O1232 SAS No.: O1232 SDG No.: O1232

Instrument ID: BNA_P Calibration Date(s): 01/23/2023 01/23/2023

Calibration Time(s): 11:25 16:01

LAB FILE ID:		RRF2.5 = BP013545.D			RRF005 = BP013546.D		RRF010 = BP013547.D	
		RRF020 = BP013548.D			RRF040 = BP013549.D		RRF050 = BP013550.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.214	1.132	1.167	1.231	1.185	1.167	4.1
Phenol-d6		1.602	1.516	1.588	1.626	1.590	1.571	2.7
Nitrobenzene-d5		0.231	0.255	0.297	0.330	0.340	0.303	14.5
Naphthalene		1.084	1.044	1.078	1.108	1.103	1.075	2.6
2-Fluorobiphenyl		1.472	1.448	1.468	1.532	1.524	1.457	5.2
Acenaphthylene		1.931	1.901	1.972	2.038	2.042	1.968	3.0
Acenaphthene		1.197	1.165	1.200	1.251	1.263	1.216	2.8
Fluorene		1.523	1.445	1.503	1.509	1.513	1.482	2.7
2,4,6-Tribromophenol		0.167	0.172	0.199	0.213	0.226	0.201	13.2
Phenanthrene		1.134	1.075	1.111	1.151	1.145	1.113	3.3
Anthracene		1.115	1.085	1.132	1.181	1.167	1.129	3.6
Fluoranthene		1.200	1.090	1.134	1.255	1.206	1.183	4.7
Pyrene		1.598	1.534	1.636	1.482	1.539	1.529	4.8
Terphenyl-d14		1.183	1.124	1.204	1.112	1.126	1.112	7.7
Benzo (a) anthracene		1.403	1.336	1.388	1.431	1.430	1.393	2.6
Chrysene		1.337	1.294	1.343	1.376	1.366	1.333	2.7
Benzo (b) fluoranthene		1.203	1.148	1.199	1.268	1.267	1.230	4.0
Benzo (k) fluoranthene		1.250	1.198	1.250	1.263	1.266	1.255	2.8
Benzo (a) pyrene		1.154	1.118	1.177	1.240	1.242	1.194	3.9
Indeno (1,2,3-cd) pyrene		1.332	1.396	1.481	1.589	1.607	1.473	8.4
Dibenzo (a,h) anthracene		1.101	1.171	1.240	1.331	1.355	1.236	8.7
Benzo (g,h,i) perylene		1.097	1.162	1.219	1.297	1.319	1.206	8.6

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP012323.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Tue Jan 24 04:44:15 2023
 Response Via : Initial Calibration

Calibration Files

2.5 =BP013545.D 5 =BP013546.D 10 =BP013547.D 20 =BP013548.D 40 =BP013549.D 50 =BP013550.D 60 =BP013551.D 80 =BP013552.D

Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD

1) I 1,4-Dichlorobenzen...	-----ISTD-----									
2) 1,4-Dioxane		0.496	0.484	0.477	0.495	0.475	0.451	0.417	0.471	5.98
3) Pyridine		1.435	1.372	1.356	1.479	1.425	1.385	1.327	1.397	3.73
4) n-Nitrosodimet...		0.665	0.639	0.646	0.662	0.634	0.607	0.569	0.632	5.34
5) S 2-Fluorophenol		1.214	1.132	1.167	1.231	1.185	1.153	1.090	1.167	4.12
6) Aniline		2.143	2.087	2.149	2.168	2.121	2.080	2.027	2.110	2.32
7) S Phenol-d6		1.602	1.516	1.588	1.626	1.590	1.559	1.517	1.571	2.69
8) 2-Chlorophenol		1.272	1.247	1.312	1.334	1.311	1.285	1.254	1.288	2.52
9) Benzaldehyde		1.173	1.061	1.015	0.916	0.809			0.995	13.95
10) C Phenol		1.647	1.588	1.649	1.678	1.650	1.615	1.567	1.628	2.42
11) bis(2-Chloroet...		1.406	1.327	1.359	1.360	1.327	1.285	1.253	1.331	3.81
12) 1,3-Dichlorobe...		1.507	1.421	1.454	1.479	1.419	1.374	1.318	1.424	4.49
13) C 1,4-Dichlorobe...		1.534	1.462	1.461	1.496	1.434	1.390	1.333	1.444	4.62
14) 1,2-Dichlorobe...		1.496	1.415	1.424	1.440	1.386	1.345	1.283	1.399	4.94
15) Benzyl Alcohol		1.139	1.068	1.135	1.139	1.137	1.127	1.114	1.122	2.29
16) 2,2'-oxybis(1-...		1.981	1.864	1.888	1.837	1.785	1.729	1.674	1.822	5.64
17) 2-Methylphenol		1.194	1.152	1.210	1.208	1.194	1.171	1.146	1.182	2.19
18) Hexachloroethane		0.479	0.468	0.485	0.506	0.495	0.480	0.467	0.483	2.93
19) P n-Nitroso-di-n...	0.854	1.090	1.050	1.084	1.023	1.017	0.998	0.978	1.012	7.40
20) 3+4-Methylphenols		1.531	1.497	1.574	1.582	1.587	1.561	1.559	1.556	2.05
21) I Naphthalene-d8	-----ISTD-----									
22) Acetophenone		0.519	0.502	0.520	0.532	0.524	0.510	0.485	0.513	3.08
23) S Nitrobenzene-d5		0.231	0.255	0.297	0.330	0.340	0.337	0.331	0.303	14.54
24) Nitrobenzene		0.267	0.285	0.324	0.351	0.356	0.353	0.345	0.326	11.09
25) Isophorone		0.730	0.700	0.727	0.718	0.726	0.716	0.712	0.719	1.46
26) C 2-Nitrophenol		0.057	0.064	0.085	0.106	0.122	0.130		0.094	32.19#
27) 2,4-Dimethylph...		0.291	0.292	0.312	0.321	0.323	0.319	0.312	0.310	4.29
28) bis(2-Chloroet...		0.436	0.416	0.437	0.439	0.443	0.434	0.426	0.433	2.11
29) C 2,4-Dichloroph...		0.247	0.260	0.282	0.298	0.303	0.303	0.305	0.285	8.26
30) 1,2,4-Trichlor...		0.325	0.311	0.324	0.336	0.335	0.329	0.320	0.326	2.64
31) Naphthalene		1.084	1.044	1.078	1.108	1.103	1.075	1.035	1.075	2.56
32) Benzoic acid			0.077	0.106	0.131	0.155	0.166	0.196	0.138	31.08
33) 4-Chloroaniline		0.475	0.456	0.476	0.482	0.486	0.478	0.477	0.476	1.98
34) C Hexachlorobuta...		0.189	0.183	0.189	0.198	0.194	0.189	0.184	0.189	2.76
35) Caprolactam		0.085	0.081	0.091	0.091	0.094	0.097	0.110	0.093	9.99
36) C 4-Chloro-3-met...		0.283	0.281	0.315	0.314	0.325	0.323	0.334	0.311	6.68
37) 2-Methylnaphth...		0.770	0.744	0.769	0.772	0.778	0.762	0.755	0.764	1.48
38) 1-Methylnaphth...		0.731	0.701	0.727	0.717	0.728	0.715	0.707	0.718	1.57

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP012323.M

39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.594	0.591	0.604	0.652	0.653	0.627	0.590	0.616	4.55	
41) P	Hexachlorocycl...	0.218	0.252	0.302	0.325	0.325	0.317	0.290		15.30	
42) S	2,4,6-Tribromo...	0.167	0.172	0.199	0.213	0.226	0.227		0.201	13.18	
43) C	2,4,6-Trichlor...	0.289	0.310	0.351	0.381	0.401	0.396	0.395	0.360	12.51	
44)	2,4,5-Trichlor...	0.337	0.369	0.415	0.453	0.474	0.467	0.465	0.426	12.70	
45) S	2-Fluorobiphenyl	1.472	1.448	1.468	1.532	1.524	1.454	1.302	1.457	5.22	
46)	1,1'-Biphenyl	1.616	1.566	1.596	1.677	1.672	1.614	1.503	1.606	3.76	
47)	2-Chloronaphth...	1.202	1.171	1.201	1.253	1.251	1.209	1.137	1.203	3.45	
48)	2-Nitroaniline	0.125	0.152	0.213	0.263	0.295	0.305	0.332	0.241	33.07	
49)	Acenaphthylene	1.931	1.901	1.972	2.038	2.042	1.989	1.903	1.968	3.00	
50)	Dimethylphthalate	1.492	1.429	1.487	1.499	1.518	1.477	1.506	1.487	1.93	
51)	2,6-Dinitrotol...	0.125	0.165	0.233	0.264	0.287	0.291	0.315	0.240	29.36	
52) C	Acenaphthene	1.197	1.165	1.200	1.251	1.263	1.229	1.205	1.216	2.80	
53)	3-Nitroaniline	0.154	0.194	0.260	0.301	0.323	0.328	0.366	0.275	27.92	
54) P	2,4-Dinitrophenol	0.033	0.038	0.051	0.065	0.078	0.087		0.058	37.60	
55)	Dibenzofuran	1.905	1.832	1.863	1.902	1.911	1.840	1.797	1.864	2.34	
56) P	4-Nitrophenol	0.145	0.195	0.229	0.241	0.249			0.212	20.07	
57)	2,4-Dinitrotol...	0.133	0.175	0.263	0.313	0.351	0.362		0.266	35.50	
58)	Fluorene	1.523	1.445	1.503	1.509	1.513	1.456	1.420	1.482	2.71	
59)	2,3,4,6-Tetrac...	0.273	0.284	0.318	0.337	0.348	0.352	0.377	0.327	11.49	
60)	Diethylphthalate	1.471	1.383	1.460	1.450	1.458	1.427	1.516	1.452	2.79	
61)	4-Chlorophenyl...	0.745	0.705	0.732	0.736	0.744	0.723	0.714	0.729	2.06	
62)	4-Nitroaniline	0.168	0.198	0.267	0.311	0.323	0.323		0.265	25.44	
63)	Azobenzene	1.474	1.388	1.432	1.420	1.417	1.372	1.373	1.411	2.58	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.027	0.040	0.053	0.065	0.072	0.090	0.058		39.19	
66) c	n-Nitrosodiphe...	0.634	0.631	0.663	0.675	0.686	0.672	0.604	0.652	4.54	
67)	4-Bromophenyl-...	0.214	0.210	0.220	0.226	0.233	0.233	0.216	0.222	4.15	
68)	Hexachlorobenzene	0.235	0.227	0.237	0.243	0.250	0.248	0.235	0.239	3.44	
69)	Atrazine	0.174	0.171	0.189	0.199	0.194	0.191	0.189	0.187	5.42	
70) C	Pentachlorophenol	0.099	0.127	0.143	0.151	0.153	0.163	0.139		16.51	
71)	Phenanthrene	1.134	1.075	1.111	1.151	1.145	1.121	1.053	1.113	3.29	
72)	Anthracene	1.115	1.085	1.132	1.181	1.167	1.151	1.075	1.129	3.56	
73)	Carbazole	1.018	0.962	1.001	1.066	1.042	1.014	1.002	1.015	3.25	
74)	Di-n-butylphth...	1.055	0.996	1.116	1.186	1.186	1.165	1.204	1.130	6.94	
75) C	Fluoranthene	1.200	1.090	1.134	1.255	1.206	1.174	1.224	1.183	4.75	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.546	0.523	0.502	0.528	0.458	0.476	0.488	0.503	6.22	
78)	Pyrene	1.598	1.534	1.636	1.482	1.539	1.498	1.418	1.529	4.75	
79) S	Terphenyl-d14	1.183	1.124	1.204	1.112	1.126	1.093	0.940	1.112	7.67	
80)	Butylbenzylpht...	0.404	0.407	0.487	0.527	0.545	0.552		0.487	13.72	
81)	Benzo(a)anthra...	1.403	1.336	1.388	1.431	1.430	1.410	1.355	1.393	2.62	
82)	3,3'-Dichlorob...	0.392	0.390	0.439	0.482	0.487	0.486	0.466	0.449	9.51	
83)	Chrysene	1.337	1.294	1.343	1.376	1.366	1.338	1.275	1.333	2.74	
84)	Bis(2-ethylhex...	0.691	0.677	0.751	0.814	0.821	0.820	0.881	0.779	9.65	
85) c	Di-n-octyl pht...	1.022	1.041	1.144	1.362	1.374	1.380	1.472	1.256	14.56	

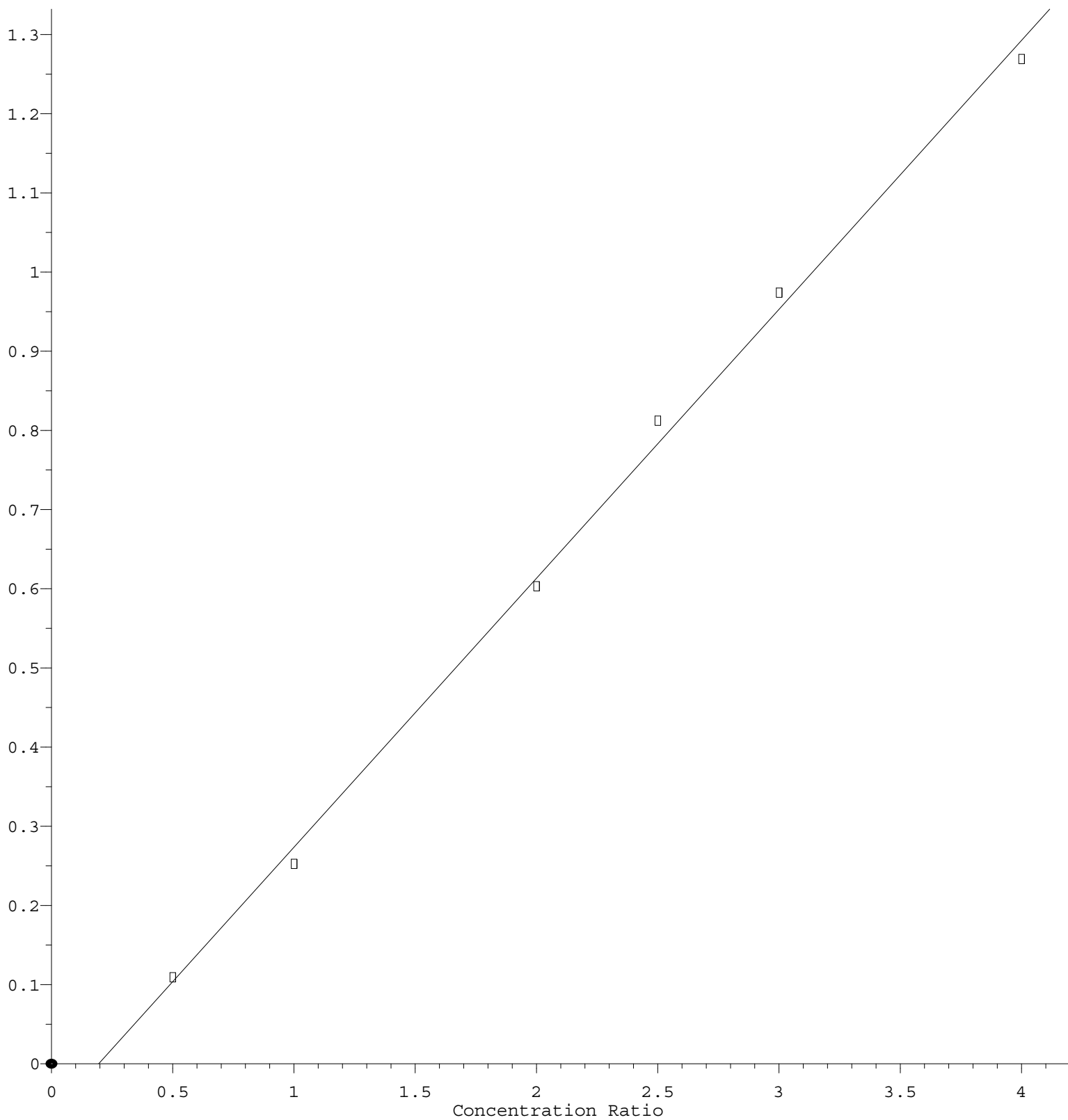
Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP012323.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.332	1.396	1.481	1.589	1.607	1.584	1.324	1.473	8.39
88)	Benzo(b)fluora...	1.203	1.148	1.199	1.268	1.267	1.244	1.283	1.230	3.96
89)	Benzo(k)fluora...	1.250	1.198	1.250	1.263	1.266	1.243	1.314	1.255	2.75
90) C	Benzo(a)pyrene	1.154	1.118	1.177	1.240	1.242	1.219	1.204	1.194	3.86
91)	Dibenzo(a,h)an...	1.101	1.171	1.240	1.331	1.355	1.335	1.118	1.236	8.70
92)	Benzo(g,h,i)pe...	1.097	1.162	1.219	1.297	1.319	1.293	1.056	1.206	8.63

(#) = Out of Range

Hexachlorocyclopentadiene

Response Ratio



$$\text{Response} = 3.398\text{e-}001 * \text{Amt} - 6.632\text{e-}002$$

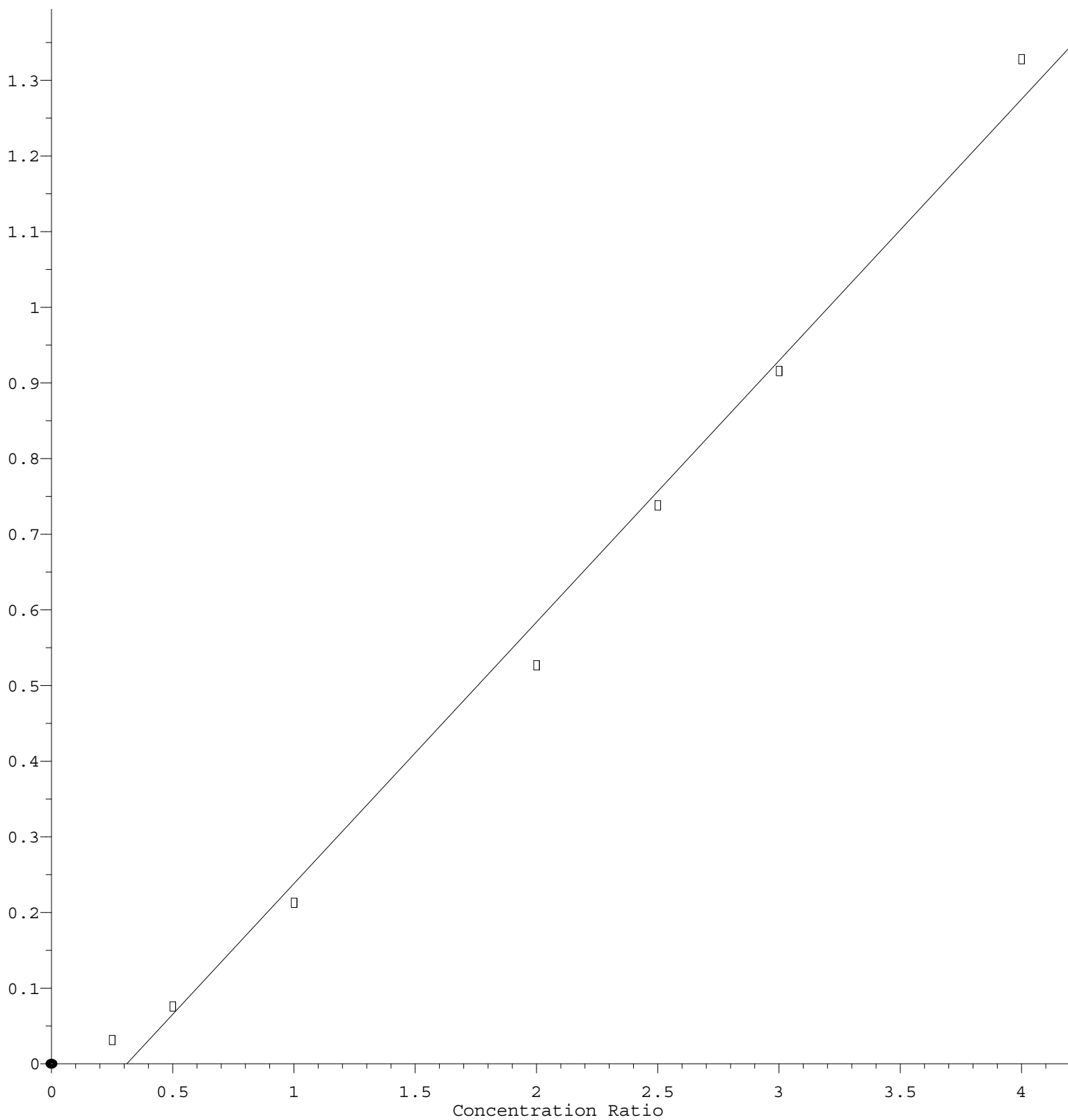
Coef of Det (r^2) = 0.997487 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP012323.M

Calibration Table Last Updated: Tue Jan 24 04:44:15 2023

2-Nitroaniline

Response Ratio



$$\text{Response} = 3.457\text{e-}001 * \text{Amt} - 1.075\text{e-}001$$

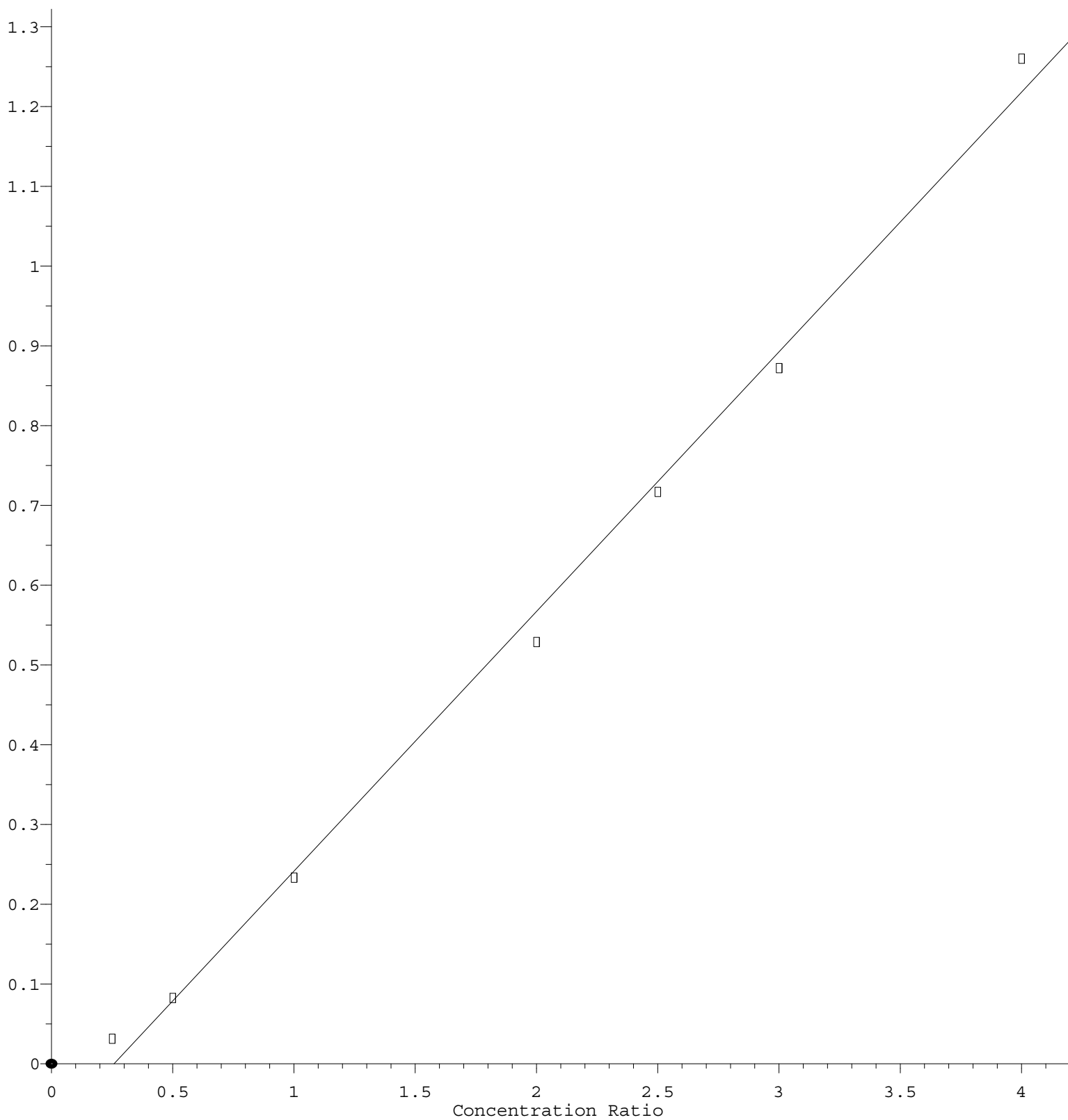
Coef of Det (r^2) = 0.992721 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP012323.M

Calibration Table Last Updated: Tue Jan 24 04:44:15 2023

2,6-Dinitrotoluene

Response Ratio



$$\text{Response} = 3.255\text{e-}001 * \text{Amt} - 8.404\text{e-}002$$

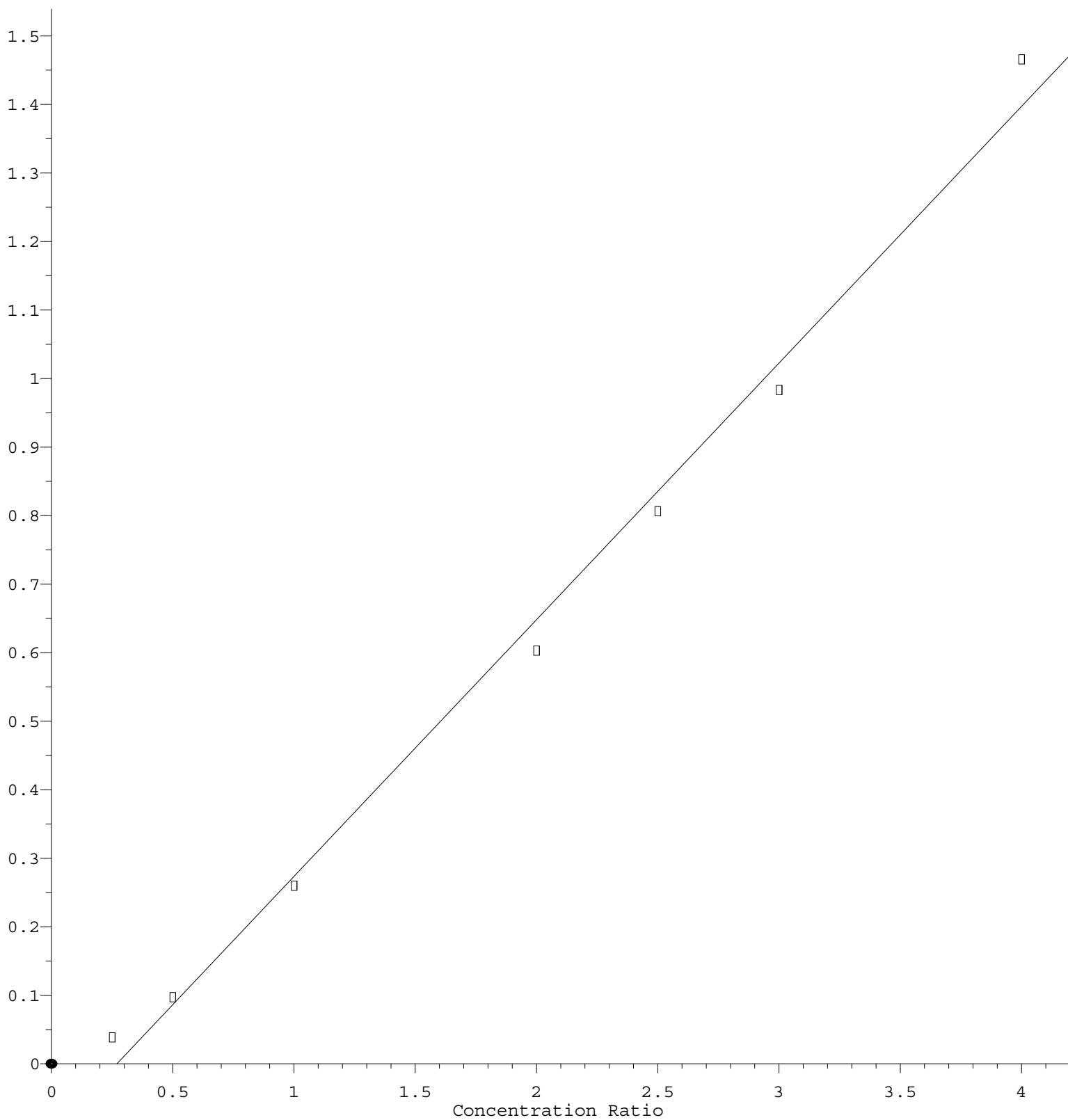
Coef of Det (r^2) = 0.995874 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP012323.M

Calibration Table Last Updated: Tue Jan 24 04:44:15 2023

3-Nitroaniline

Response Ratio



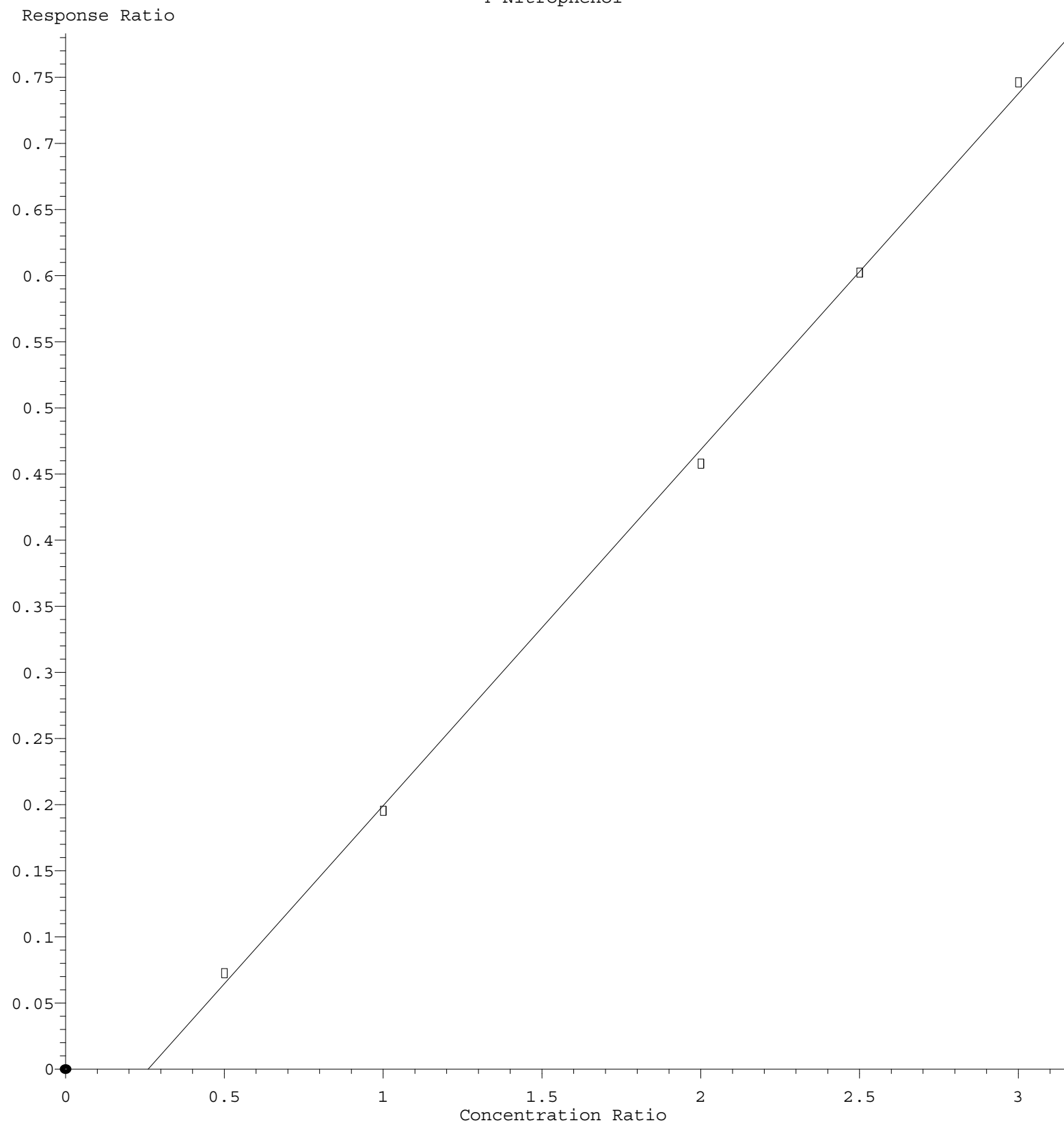
$$\text{Response} = 3.745\text{e-}001 * \text{Amt} - 1.013\text{e-}001$$

Coef of Det (r^2) = 0.992875 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP012323.M

Calibration Table Last Updated: Tue Jan 24 04:44:15 2023

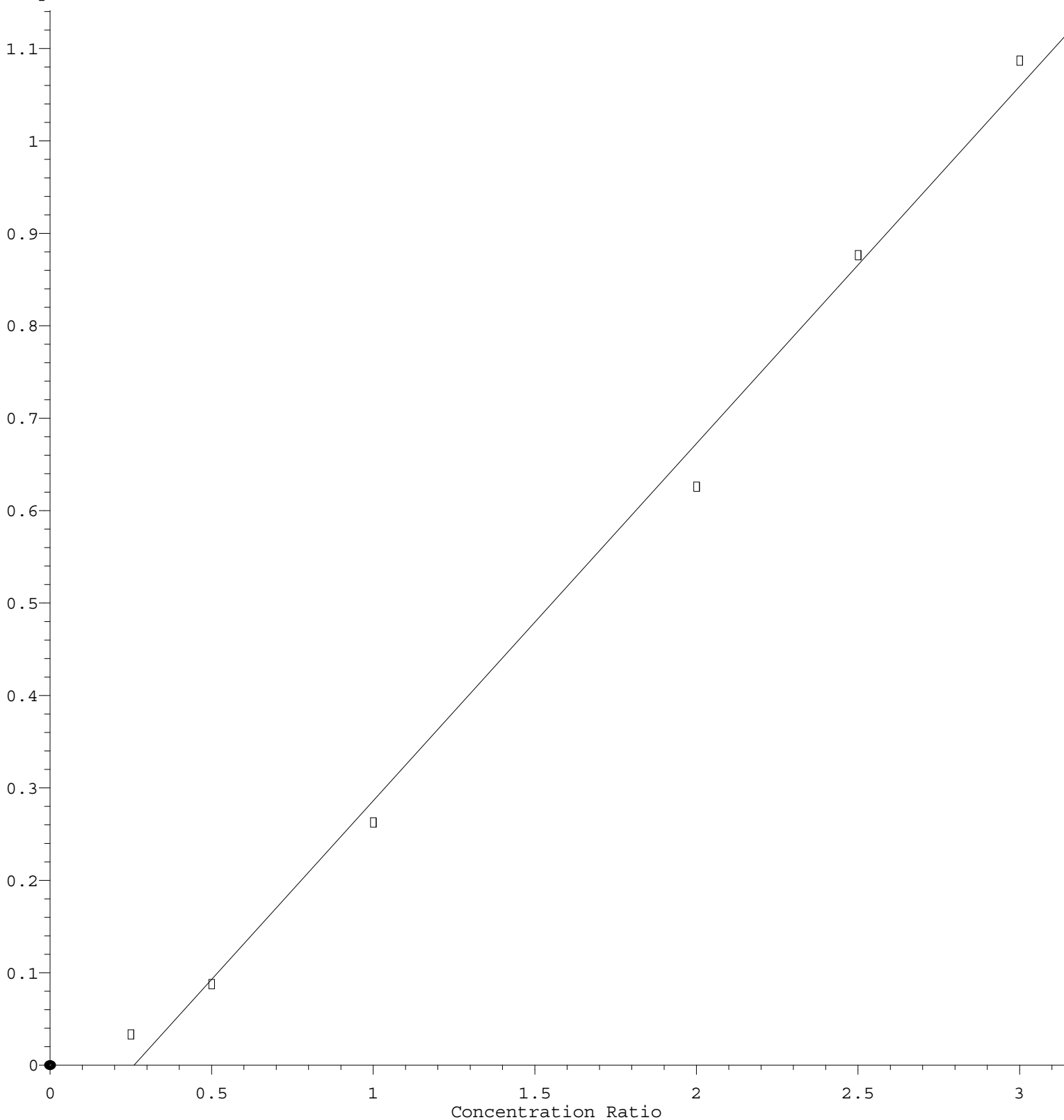
4-Nitrophenol



Response = 2.693e-001 * Amt - 6.991e-002
 Coef of Det (r^2) = 0.999157 Curve Fit: Linear
 Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP012323.M
 Calibration Table Last Updated: Tue Jan 24 04:44:15 2023

2,4-Dinitrotoluene

Response Ratio



$$\text{Response} = 3.864\text{e-}001 * \text{Amt} - 1.003\text{e-}001$$

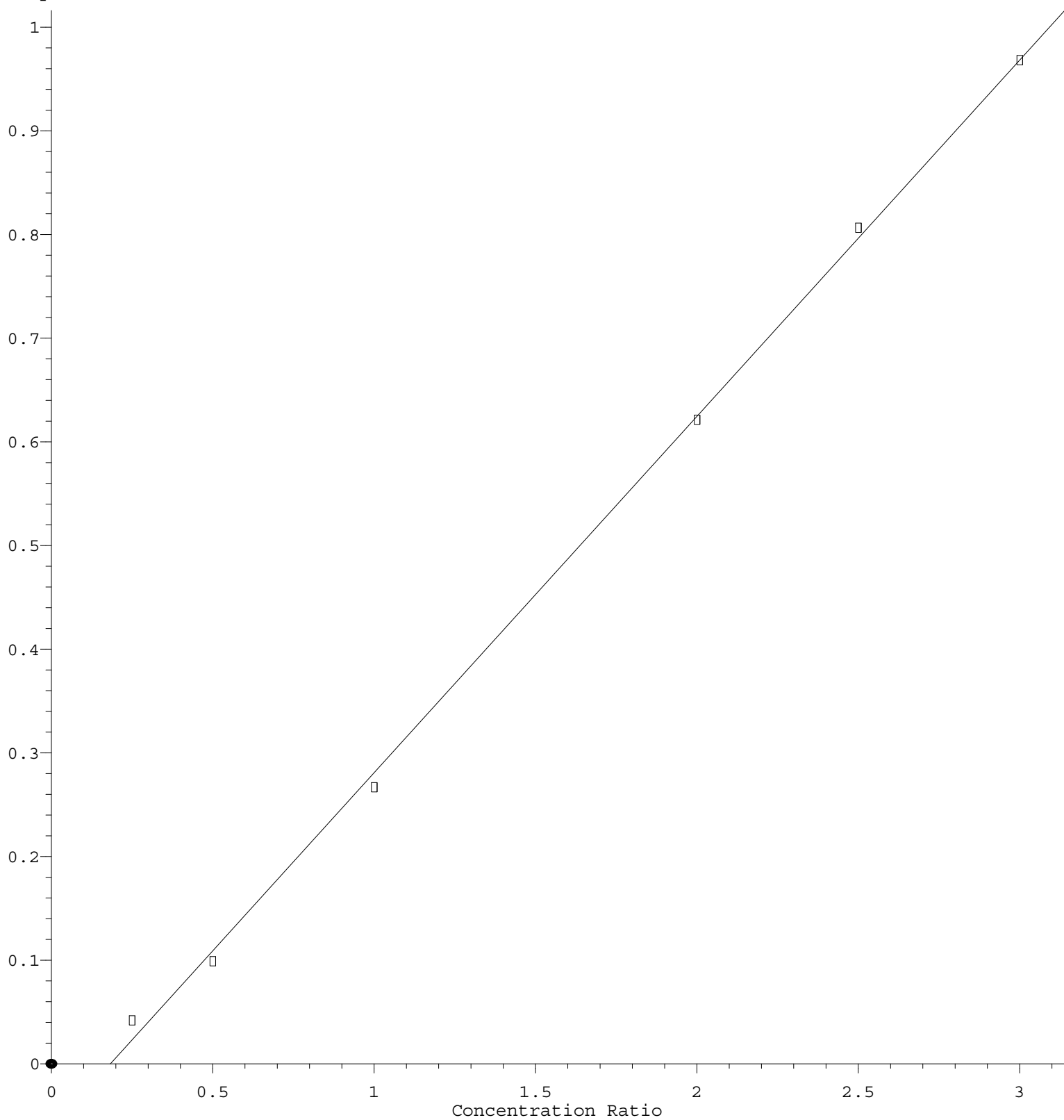
Coef of Det (r^2) = 0.994698 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP012323.M

Calibration Table Last Updated: Tue Jan 24 04:44:15 2023

4-Nitroaniline

Response Ratio



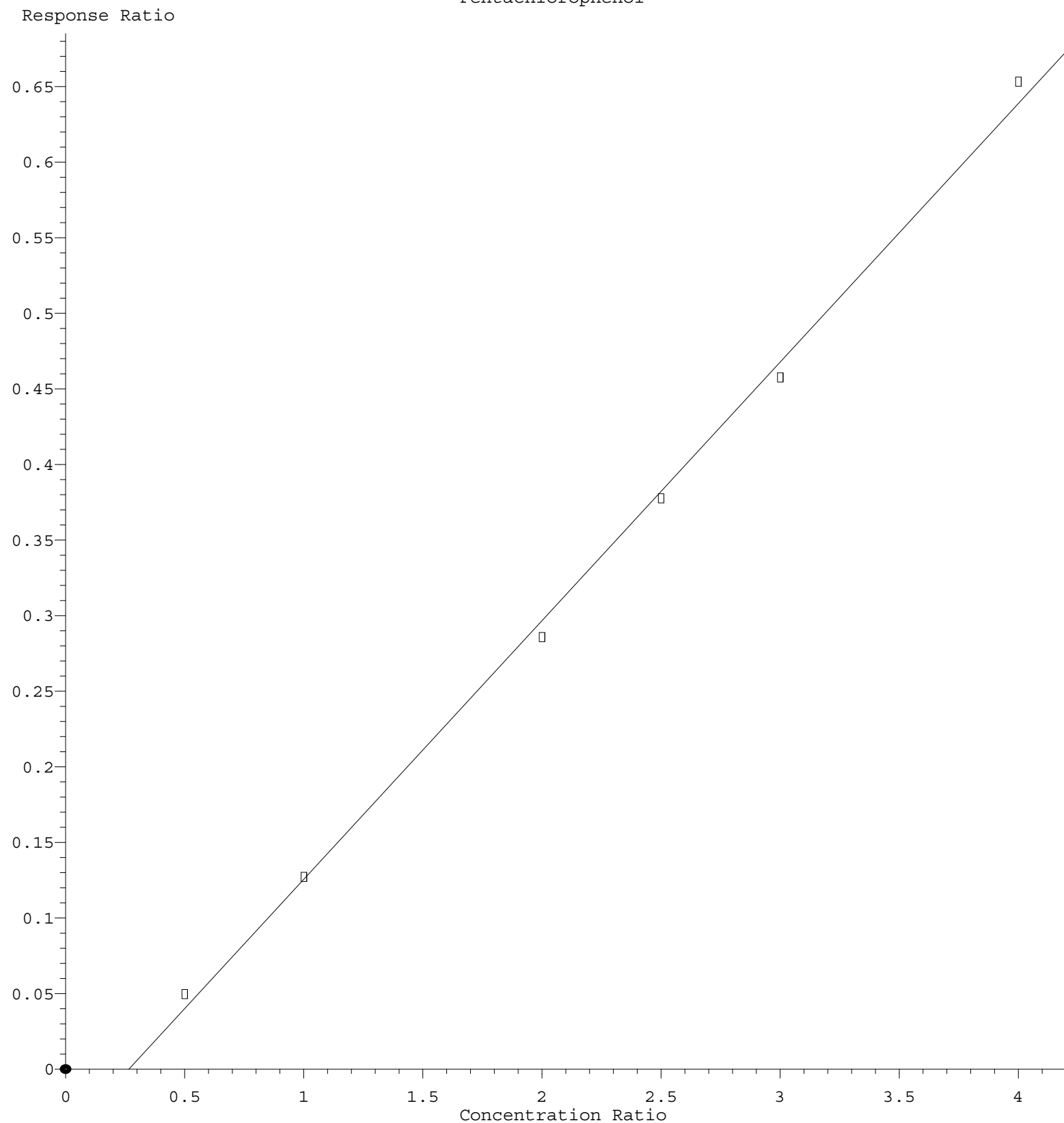
$$\text{Response} = 3.440\text{e-}001 * \text{Amt} - 6.300\text{e-}002$$

Coef of Det (r^2) = 0.998978 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP012323.M

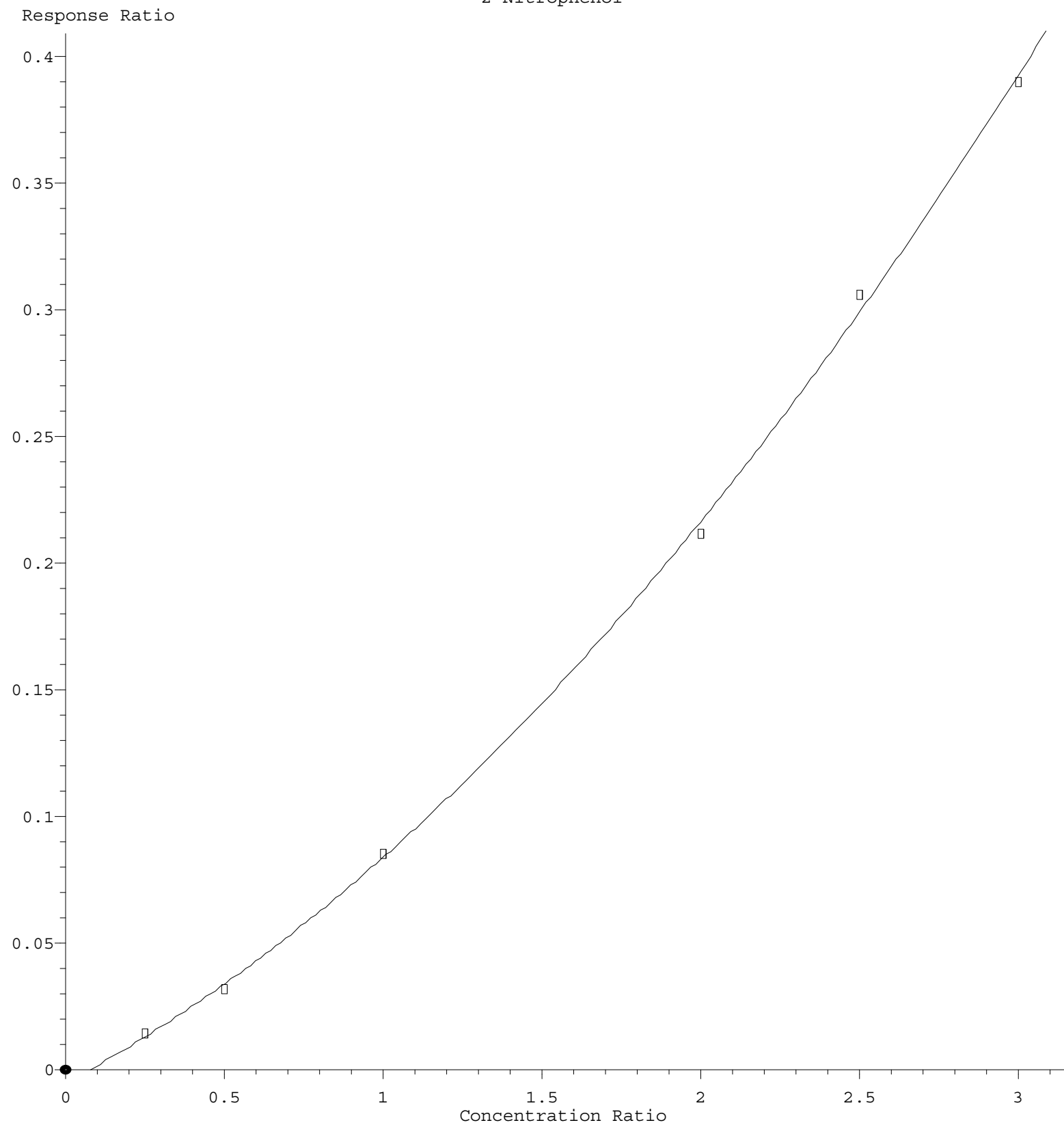
Calibration Table Last Updated: Tue Jan 24 04:44:15 2023

Pentachlorophenol



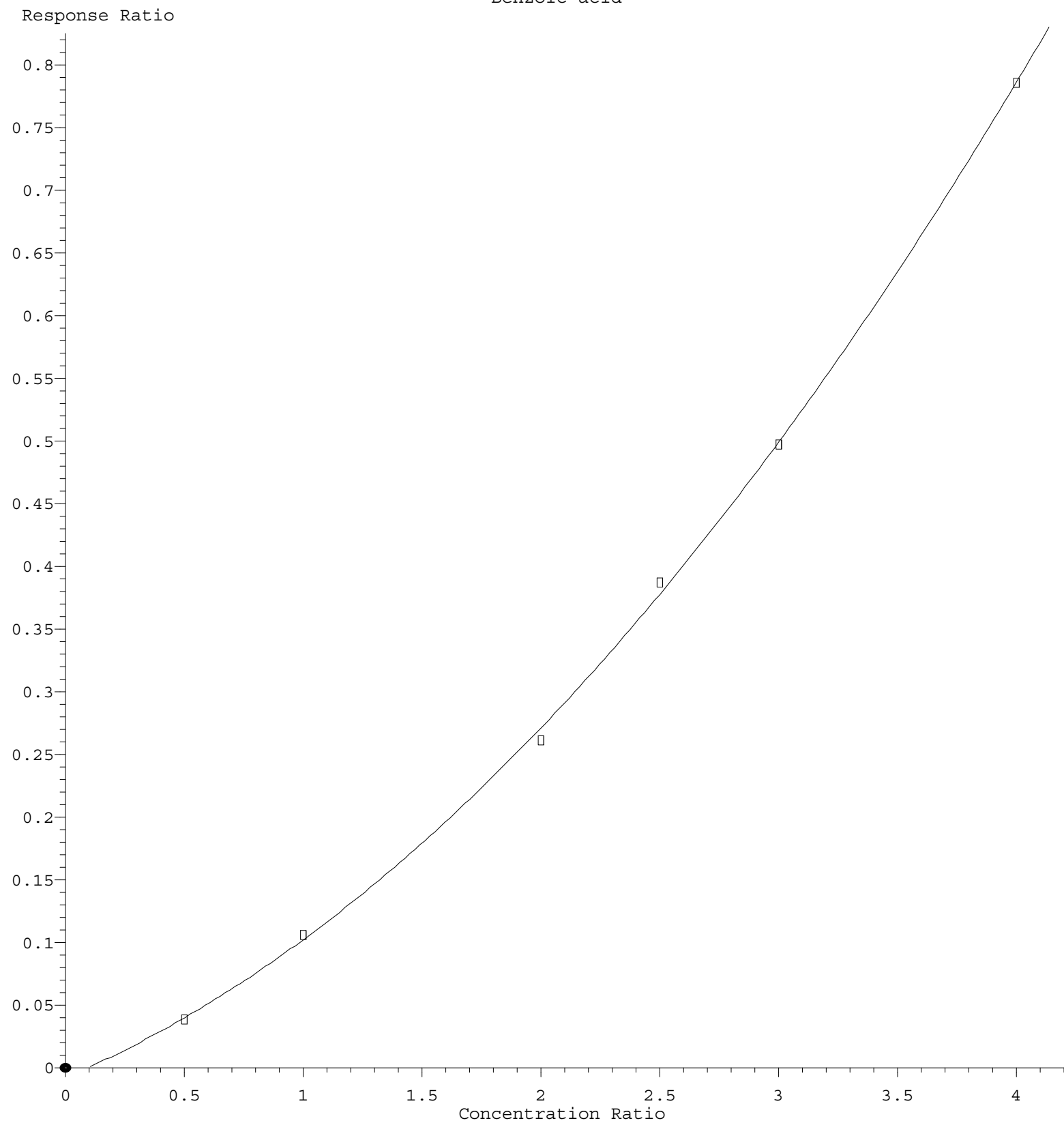
Response = $1.711e-001 * \text{Amt} - 4.559e-002$
 Coef of Det (r^2) = 0.997767 Curve Fit: Linear
 Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP012323.M
 Calibration Table Last Updated: Tue Jan 24 04:44:15 2023

2-Nitrophenol



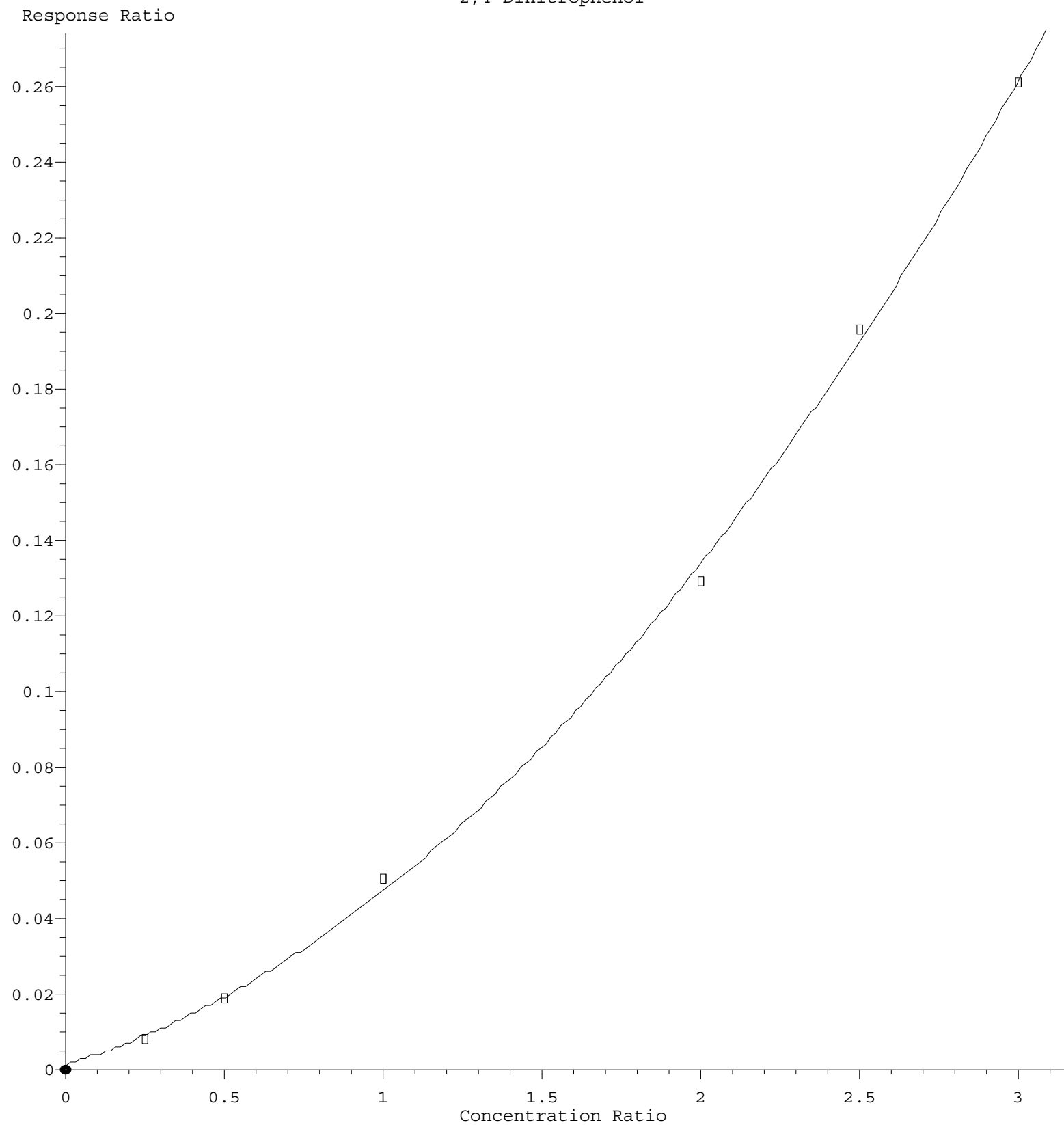
$R = 2.177e-002 A^2 + 6.727e-002 A - 5.218e-003$
 Coef of Det (r^2) = 0.999284 Curve Fit: Quadratic
 Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP012323.M
 Calibration Table Last Updated: Tue Jan 24 04:44:15 2023

Benzoic acid



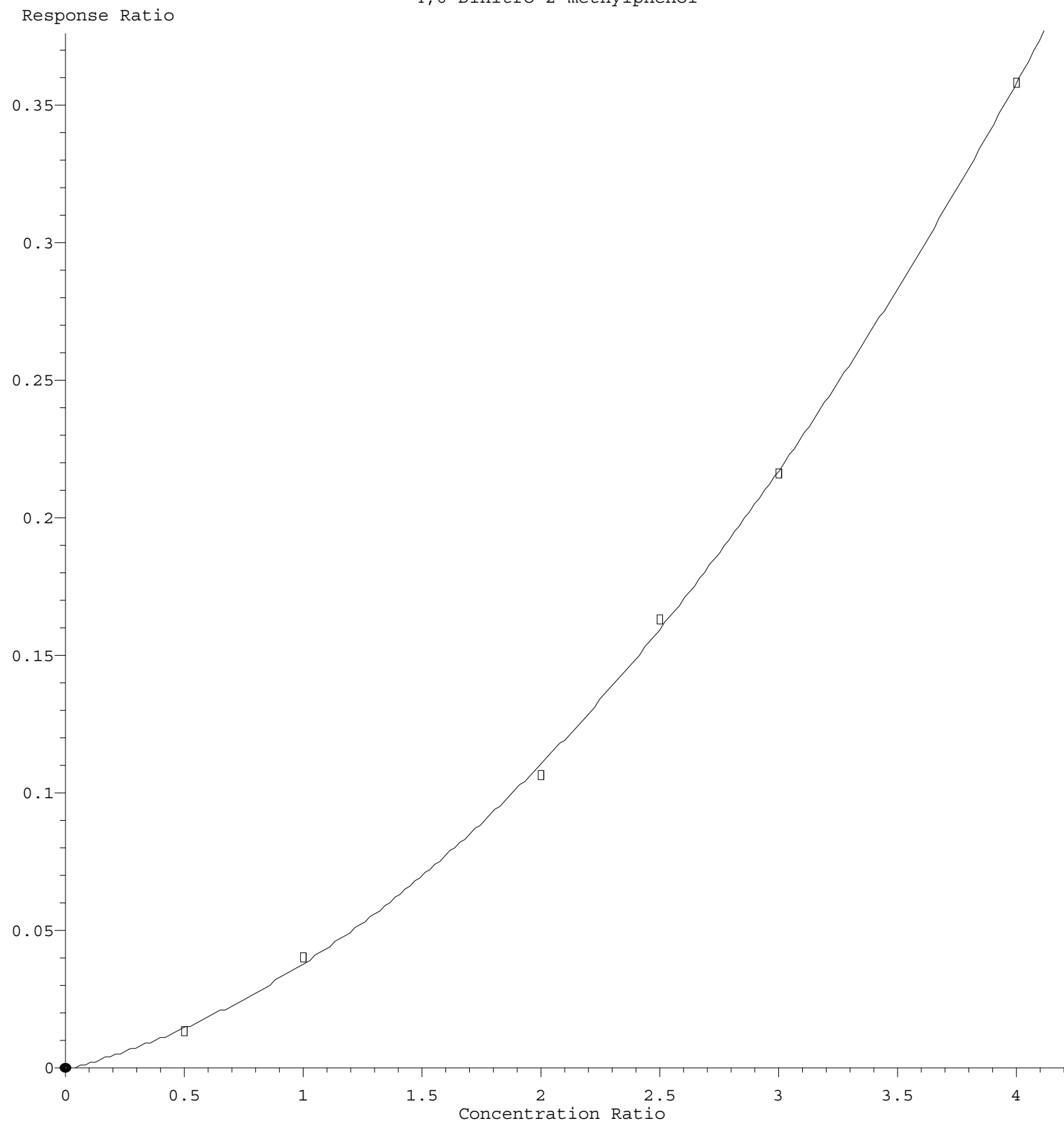
$R = 2.953e-002 A^2 + 8.035e-002 A - 7.788e-003$
 Coef of Det (r^2) = 0.999454 Curve Fit: Quadratic
 Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP012323.M
 Calibration Table Last Updated: Tue Jan 24 04:44:15 2023

2,4-Dinitrophenol



$R = 2.048e-002 A^2 + 2.526e-002 A + 1.465e-003$
 Coef of Det (r^2) = 0.999160 Curve Fit: Quadratic
 Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP012323.M
 Calibration Table Last Updated: Tue Jan 24 04:44:15 2023

4,6-Dinitro-2-methylphenol



$R = 1.711e-002 A^2 + 2.122e-002 A - 5.198e-004$
 Coef of Det (r^2) = 0.999553 Curve Fit: Quadratic
 Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP012323.M
 Calibration Table Last Updated: Tue Jan 24 04:44:15 2023

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
 Data File : BP013545.D
 Acq On : 23 Jan 2023 11:25
 Operator : CG/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC2.5

Quant Time: Jan 24 03:01:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 03:01:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

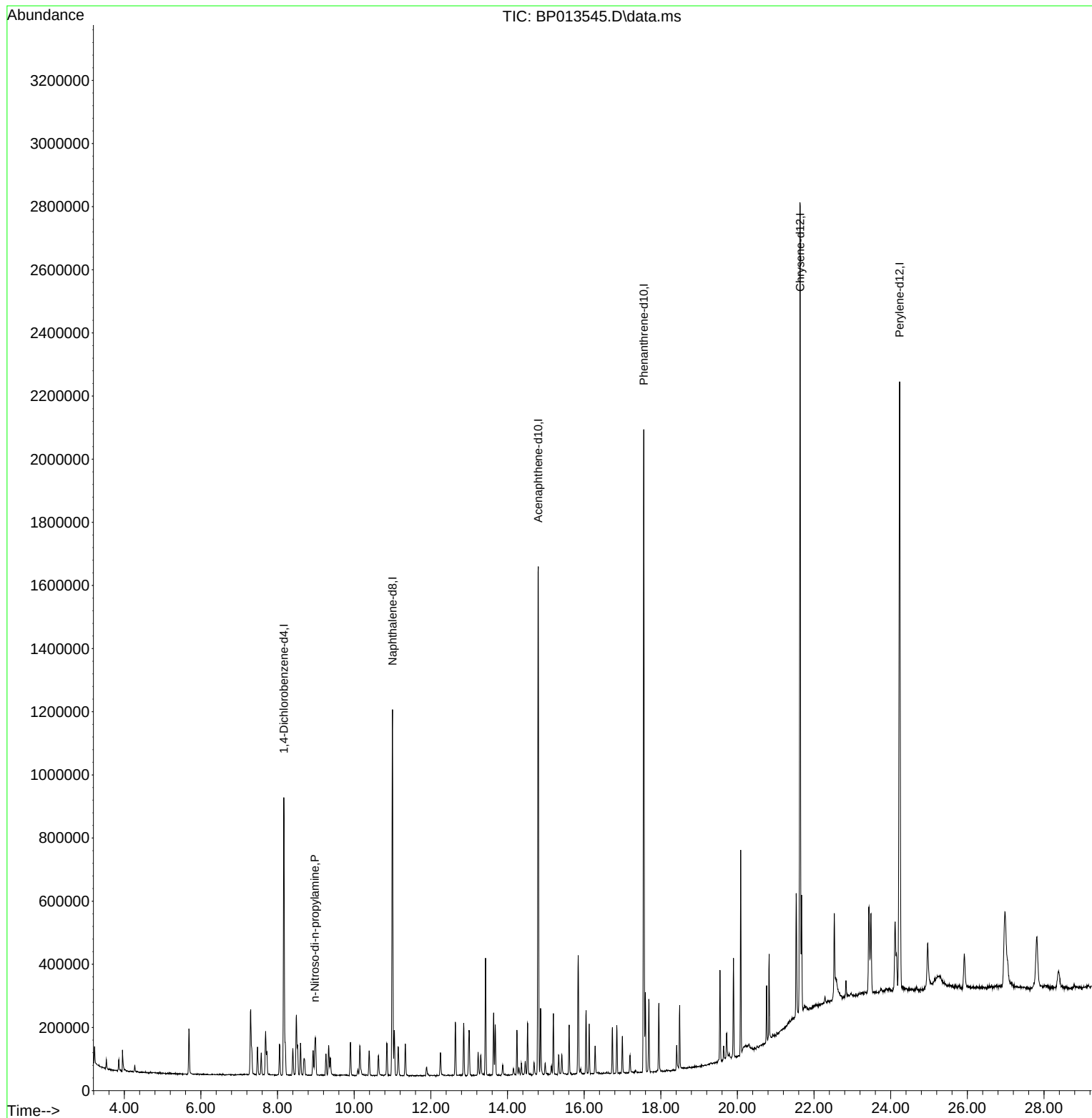
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.163	152	238700	20.000	ng	0.00
21) Naphthalene-d8	10.999	136	960608	20.000	ng	0.00
39) Acenaphthene-d10	14.804	164	557880	20.000	ng	0.00
64) Phenanthrene-d10	17.557	188	1177024	20.000	ng	0.00
76) Chrysene-d12	21.639	240	1248856	20.000	ng	0.00
86) Perylene-d12	24.233	264	1515760	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.969	70	25480	2.110	ng	Qvalue 94

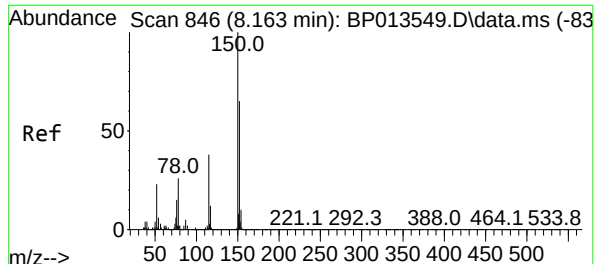
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
Data File : BP013545.D
Acq On : 23 Jan 2023 11:25
Operator : CG/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Jan 24 03:01:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 03:01:10 2023
Response via : Initial Calibration

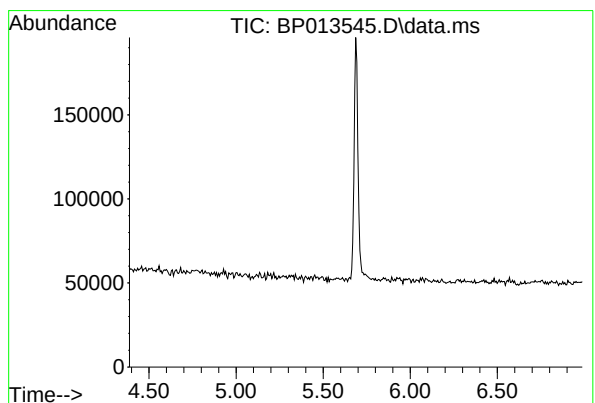
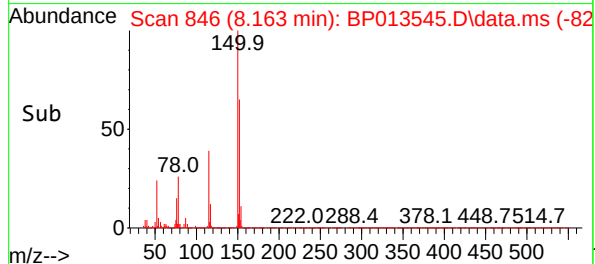
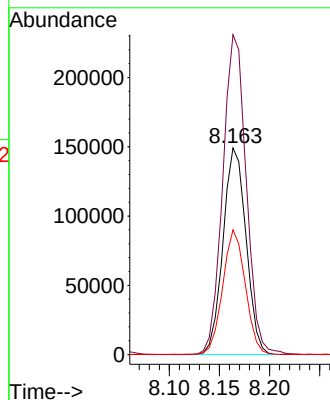
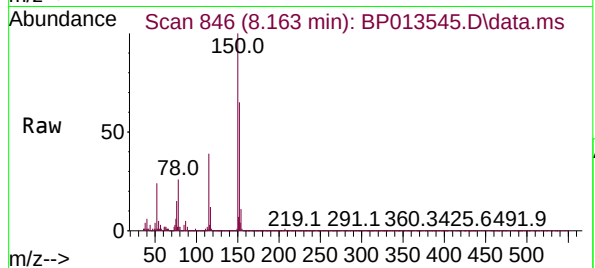




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.163 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP013545.D
Acq: 23 Jan 2023 11:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

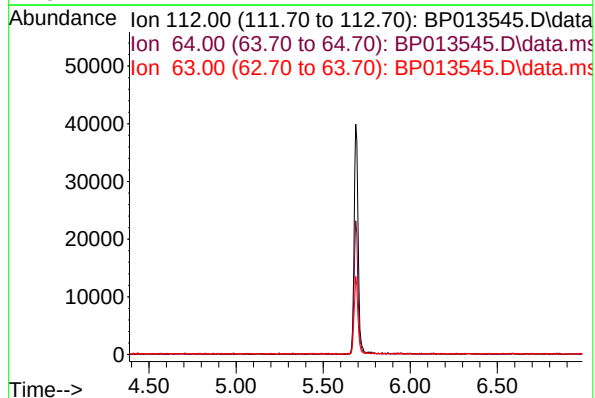
Tgt Ion:152 Resp: 238700
Ion Ratio Lower Upper
152 100
150 154.9 122.4 183.6
115 60.4 46.1 69.1

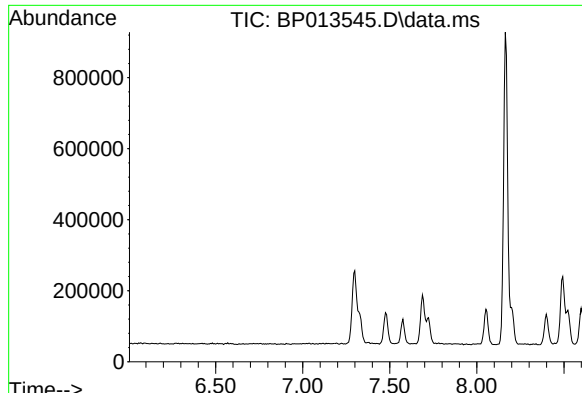


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.69 min

Lab File: BP013545.D
Acq: 23 Jan 2023 11:25

Tgt Ion: 112
Sig Exp Ratio
112 100
64 56.7
63 30.1





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 7.30 min

Lab File: BP013545.D

Acq: 23 Jan 2023 11:25

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5

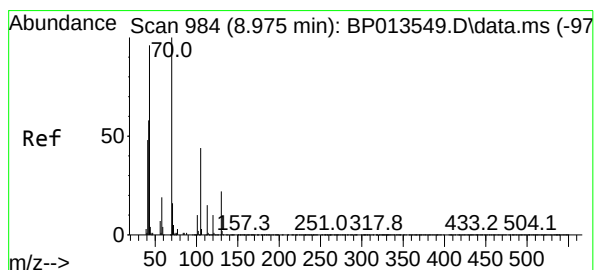
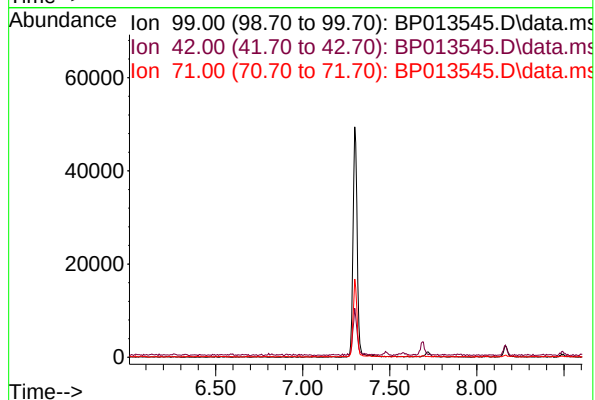
Tgt Ion: 99

Sig Exp Ratio

99 100

42 17.5

71 30.9



#19

n-Nitroso-di-n-propylamine

Concen: 2.110 ng

RT: 8.969 min Scan# 983

Delta R.T. -0.006 min

Lab File: BP013545.D

Acq: 23 Jan 2023 11:25

Tgt Ion: 70 Resp: 25480

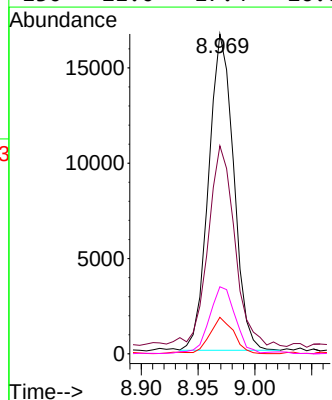
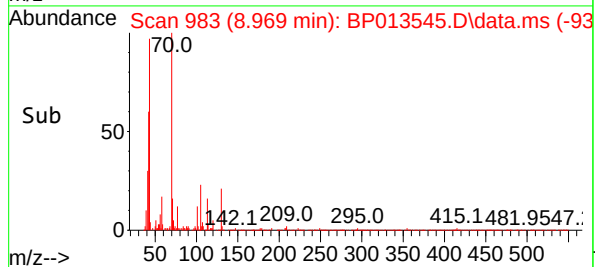
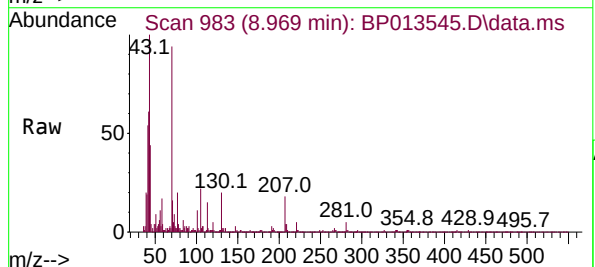
Ion Ratio Lower Upper

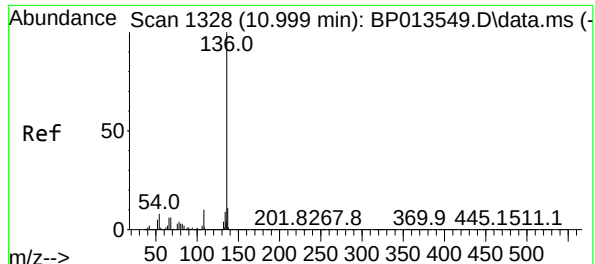
70 100

42 65.0 47.2 70.8

101 11.4 8.0 12.0

130 21.0 17.4 26.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.999 min Scan# 1328

Delta R.T. 0.000 min

Lab File: BP013545.D

Acq: 23 Jan 2023 11:25

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5

Tgt Ion:136 Resp: 960608

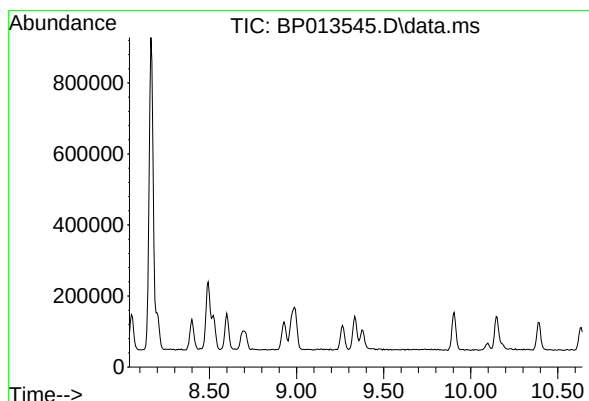
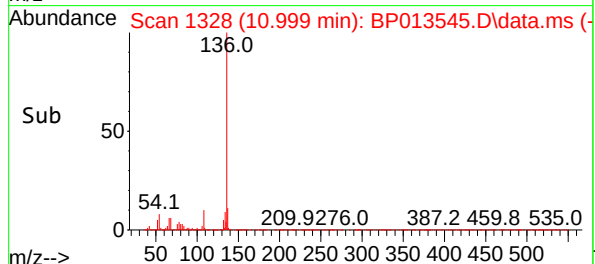
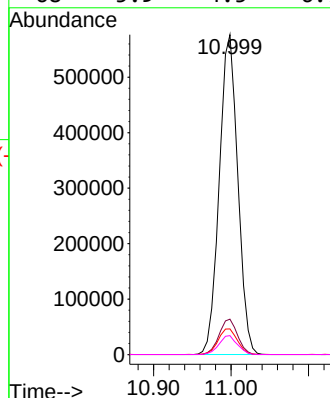
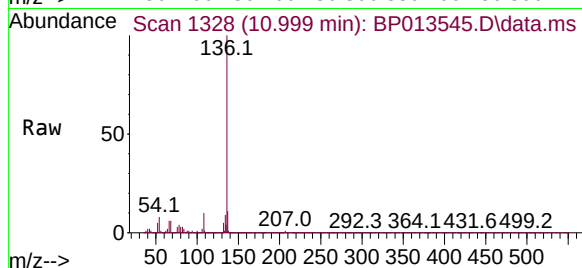
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 8.0 6.6 9.8

68 5.9 4.5 6.7



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 9.34 min

Lab File: BP013545.D

Acq: 23 Jan 2023 11:25

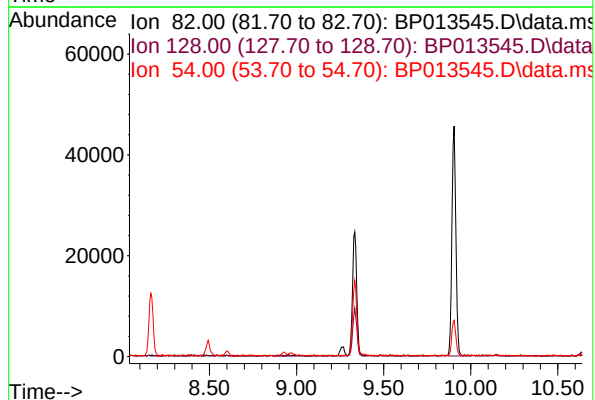
Tgt Ion: 82

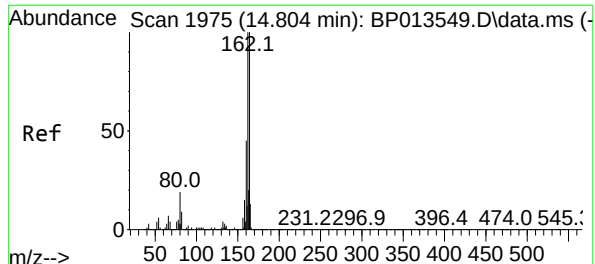
Sig Exp Ratio

82 100

128 44.7

54 53.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.804 min Scan# 1975

Delta R.T. 0.000 min

Lab File: BP013545.D

Acq: 23 Jan 2023 11:25

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5

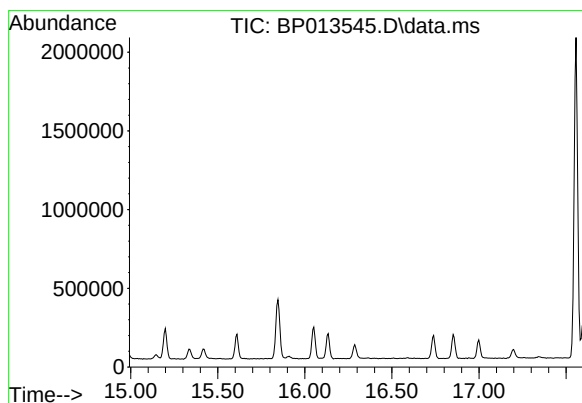
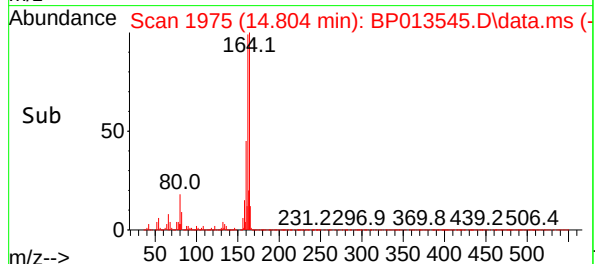
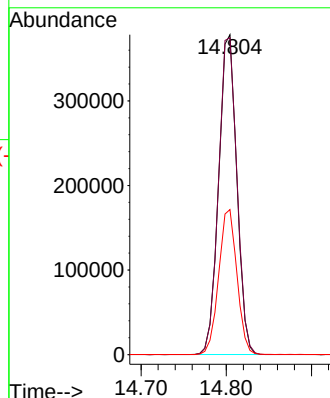
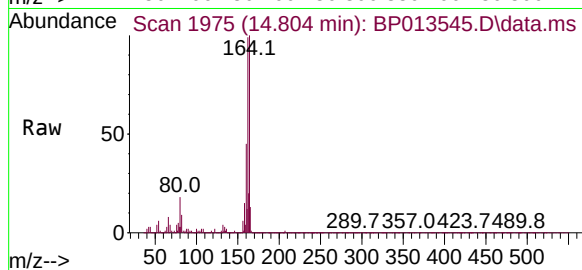
Tgt Ion:164 Resp: 557880

Ion Ratio Lower Upper

164 100

162 99.0 80.1 120.1

160 45.3 35.9 53.9



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 16.29 min

Lab File: BP013545.D

Acq: 23 Jan 2023 11:25

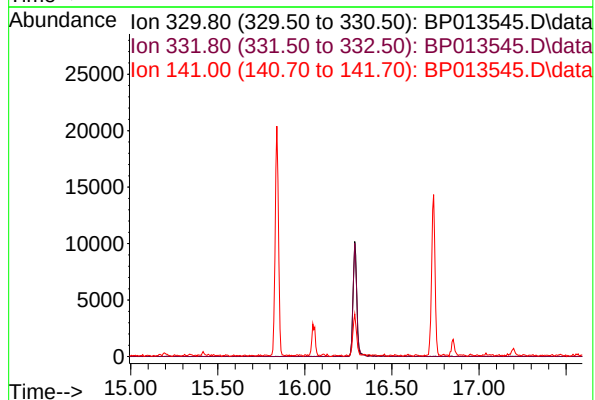
Tgt Ion: 330

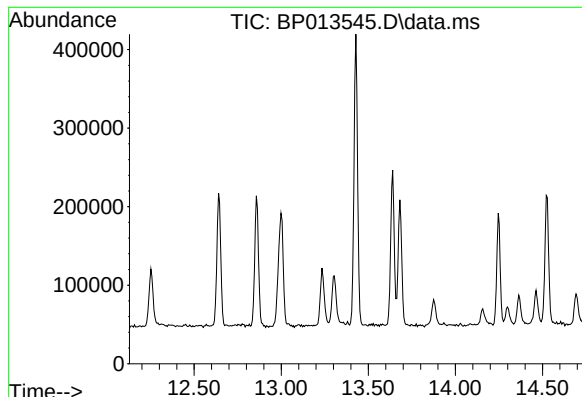
Sig Exp Ratio

330 100

332 96.8

141 34.5



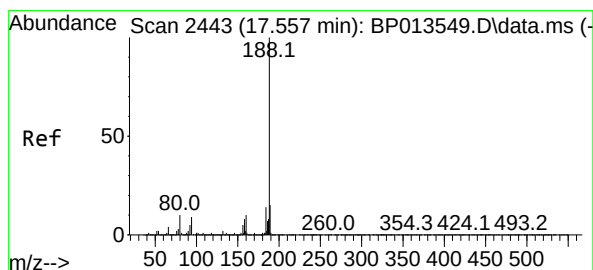
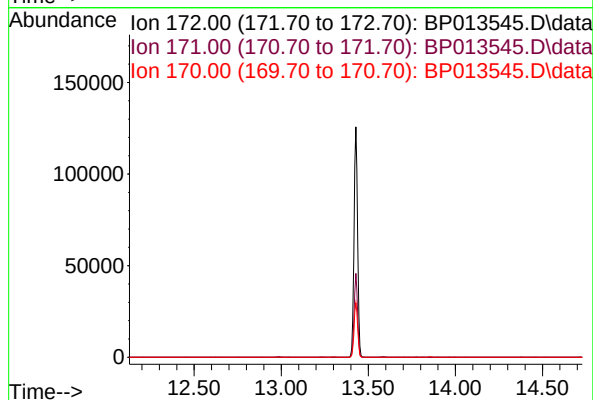


#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.43 min

Lab File: BP013545.D
Acq: 23 Jan 2023 11:25

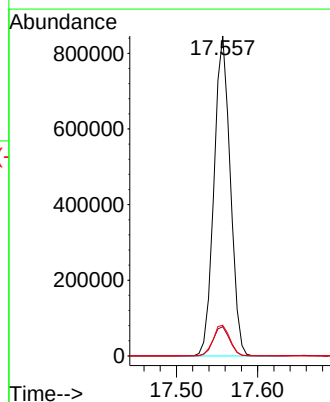
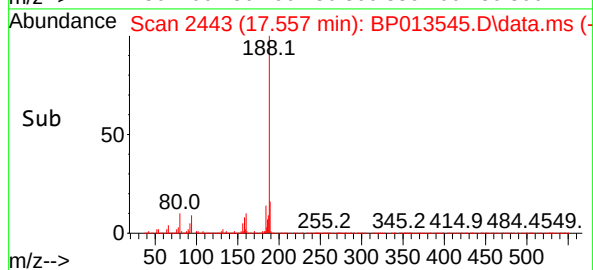
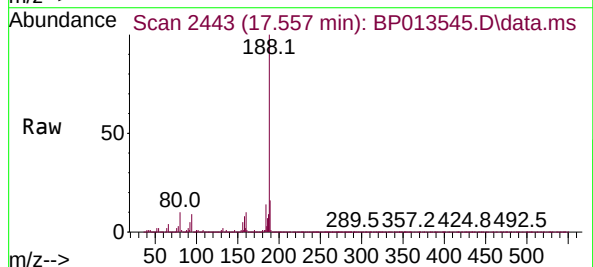
Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

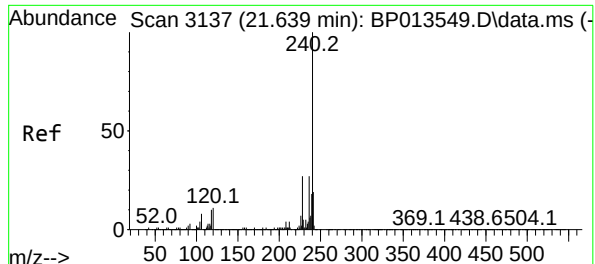
Tgt Ion: 172
Sig Exp Ratio
172 100
171 34.8
170 23.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.557 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BP013545.D
Acq: 23 Jan 2023 11:25

Tgt Ion:188 Resp: 1177024
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 9.6 8.2 12.2

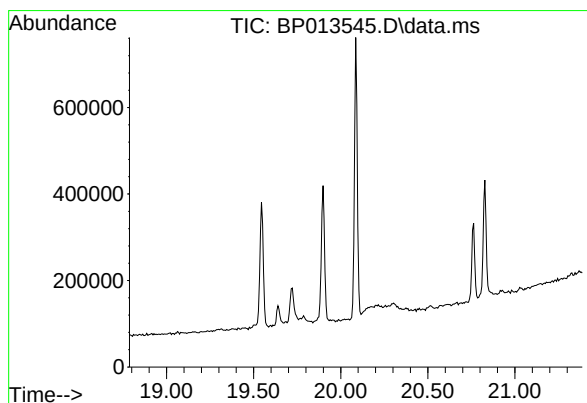
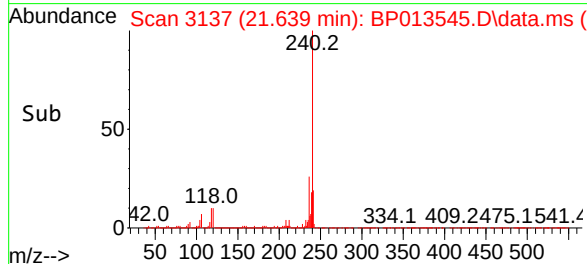
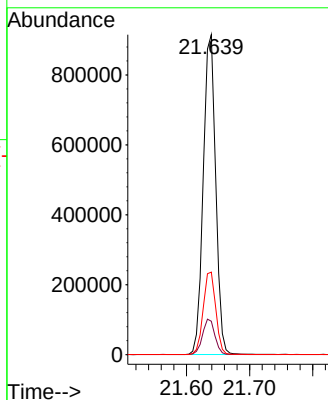
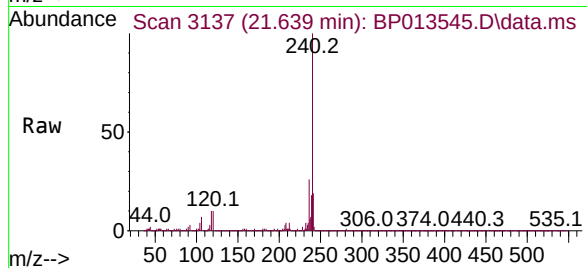




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.639 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP013545.D
Acq: 23 Jan 2023 11:25

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

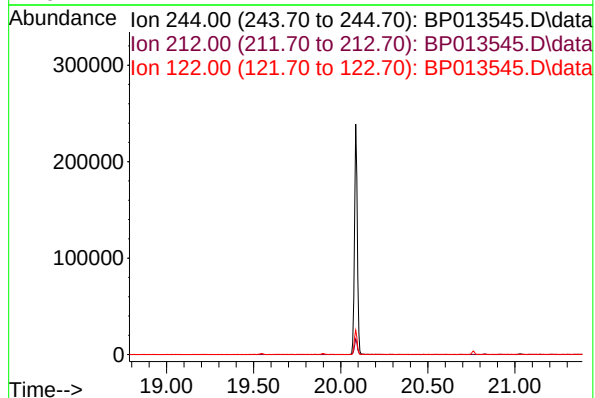
Tgt Ion: 240 Resp: 1248856
Ion Ratio Lower Upper
240 100
120 10.4 8.6 13.0
236 25.8 21.3 31.9

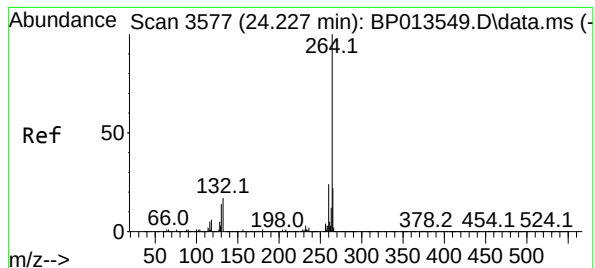


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 20.09 min

Lab File: BP013545.D
Acq: 23 Jan 2023 11:25

Tgt Ion: 244
Sig Exp Ratio
244 100
212 6.8
122 11.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.233 min Scan# 3578

Delta R.T. 0.006 min

Lab File: BP013545.D

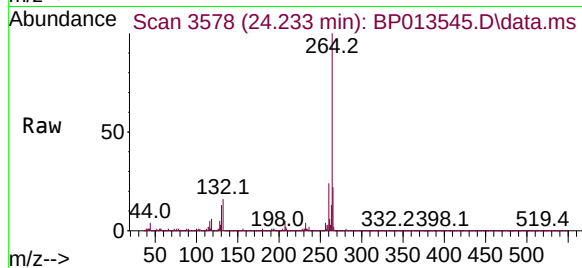
Acq: 23 Jan 2023 11:25

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5



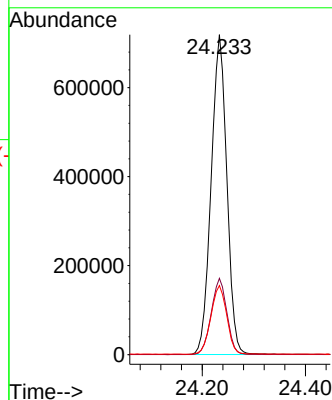
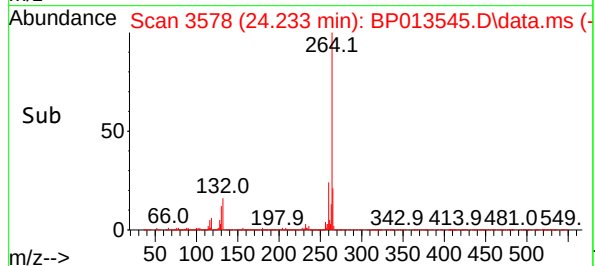
Tgt Ion:264 Resp: 1515760

Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

265 21.6 17.4 26.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
 Data File : BP013546.D
 Acq On : 23 Jan 2023 12:00
 Operator : CG/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023
 Supervised By :Jagrut Upadhyay 01/24/2023

Quant Time: Jan 24 03:02:43 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jan 24 03:01:10 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.163	152	290672	20.000	ng	0.00
21) Naphthalene-d8	10.998	136	1244553	20.000	ng	0.00
39) Acenaphthene-d10	14.804	164	762595	20.000	ng	0.00
64) Phenanthrene-d10	17.557	188	1581100	20.000	ng	0.00
76) Chrysene-d12	21.633	240	1245994	20.000	ng	0.00
86) Perylene-d12	24.233	264	1189200	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	176436	10.400	ng	0.00
7) Phenol-d6	7.299	99	232776	10.195	ng	0.00
23) Nitrobenzene-d5	9.334	82	143489	7.611	ng	0.00
42) 2,4,6-Tribromophenol	16.286	330	63576	7.996	ng	0.00
45) 2-Fluorobiphenyl	13.428	172	561332	10.104	ng	0.00
79) Terphenyl-d14	20.086	244	736879	10.639	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.534	88	36033	5.269	ng	97
3) Pyridine	3.946	79	104254	5.150	ng	100
4) n-Nitrosodimethylamine	3.852	42	48351	5.267	ng	# 92
6) Aniline	7.475	93	155726	5.077	ng	98
8) 2-Chlorophenol	7.722	128	92463	4.939	ng	99
9) Benzaldehyde	7.287	77	85241	6.887	ng	96
10) Phenol	7.328	94	119652	5.058	ng	98
11) bis(2-Chloroethyl)ether	7.575	93	102165	5.282	ng	99
12) 1,3-Dichlorobenzene	8.052	146	109484	5.289	ng	97
13) 1,4-Dichlorobenzene	8.199	146	111445	5.309	ng	99
14) 1,2-Dichlorobenzene	8.522	146	108740	5.350	ng	98
15) Benzyl Alcohol	8.399	79	82745	5.072	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.699	45	143922	5.427	ng	99
17) 2-Methylphenol	8.599	107	86740	5.049	ng	96
18) Hexachloroethane	9.263	117	34806	4.961	ng	99
19) n-Nitroso-di-n-propyla...	8.969	70	79203	5.386	ng	95
20) 3+4-Methylphenols	8.928	107	111228	4.919	ng	95
22) Acetophenone	8.993	105	161584	5.061	ng	# 96
24) Nitrobenzene	9.375	77	82968	4.093	ng	91
25) Isophorone	9.904	82	227247	5.082	ng	100
26) 2-Nitrophenol	10.093	139	17824	2.820	ng	97
27) 2,4-Dimethylphenol	10.146	122	90559	4.594	ng	99
28) bis(2-Chloroethoxy)met...	10.387	93	135638	5.034	ng	99
29) 2,4-Dichlorophenol	10.634	162	76809	4.326	ng	98
30) 1,2,4-Trichlorobenzene	10.857	180	101135	4.991	ng	98
31) Naphthalene	11.046	128	337355	5.042	ng	100
33) 4-Chloroaniline	11.151	127	147826	4.993	ng	98
34) Hexachlorobutadiene	11.334	225	58827	4.989	ng	97
35) Caprolactam	11.887	113	26416m	4.606	ng	
36) 4-Chloro-3-methylphenol	12.251	107	88110	4.557	ng	100
37) 2-Methylnaphthalene	12.640	142	239508	5.036	ng	98
38) 1-Methylnaphthalene	12.857	142	227581	5.093	ng	98
40) 1,2,4,5-Tetrachloroben...	13.004	216	113229	4.823	ng	99
43) 2,4,6-Trichlorophenol	13.234	196	55178	4.016	ng	99
44) 2,4,5-Trichlorophenol	13.304	196	64198	3.954	ng	99
46) 1,1'-Biphenyl	13.639	154	308083	5.030	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
 Data File : BP013546.D
 Acq On : 23 Jan 2023 12:00
 Operator : CG/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 01/24/2023
 Supervised By : Jagrut Upadhyay 01/24/2023

Quant Time: Jan 24 03:02:43 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jan 24 03:01:10 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	13.681	162	229138	4.994	ng	99
48) 2-Nitroaniline	13.875	65	23889	2.602	ng	93
49) Acenaphthylene	14.522	152	368173	4.907	ng	99
50) Dimethylphthalate	14.245	163	284473	5.018	ng	100
51) 2,6-Dinitrotoluene	14.363	165	23891	2.610	ng	# 79
52) Acenaphthene	14.863	154	228238	4.924	ng	99
53) 3-Nitroaniline	14.692	138	29393	2.801	ng	# 80
54) 2,4-Dinitrophenol	14.892	184	6206	2.225	ng	# 57
55) Dibenzofuran	15.198	168	363125	5.109	ng	100
57) 2,4-Dinitrotoluene	15.151	165	25320	2.301	ng	92
58) Fluorene	15.845	166	290340	5.140	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.416	232	52023	4.173	ng	# 98
60) Diethylphthalate	15.610	149	280416	5.065	ng	99
61) 4-Chlorophenyl-phenyle...	15.839	204	142114	5.116	ng	98
62) 4-Nitroaniline	15.851	138	31975	2.986	ng	# 72
63) Azobenzene	16.133	77	280967	5.222	ng	98
66) n-Nitrosodiphenylamine	16.051	169	250427	4.857	ng	99
67) 4-Bromophenyl-phenylether	16.739	248	84413	4.820	ng	97
68) Hexachlorobenzene	16.851	284	93008	4.916	ng	98
69) Atrazine	16.998	200	68946	4.673	ng	99
71) Phenanthrene	17.598	178	448418	5.097	ng	100
72) Anthracene	17.686	178	440566	4.934	ng	99
73) Carbazole	17.951	167	402418	5.015	ng	99
74) Di-n-butylphthalate	18.492	149	416887	4.668	ng	99
75) Fluoranthene	19.545	202	474307	5.070	ng	99
77) Benzidine	19.722	184	170058	5.427	ng	99
78) Pyrene	19.898	202	497710	5.224	ng	99
80) Butylbenzylphthalate	20.763	149	125935	4.006	ng	95
81) Benzo(a)anthracene	21.616	228	437085	5.035	ng	99
82) 3,3'-Dichlorobenzidine	21.539	252	122212	4.370	ng	100
83) Chrysene	21.674	228	416374	5.015	ng	99
84) Bis(2-ethylhexyl)phtha...	21.533	149	215278	4.434	ng	99
85) Di-n-octyl phthalate	22.527	149	318212	4.066	ng	# 94
87) Indeno(1,2,3-cd)pyrene	26.968	276	396104	4.522	ng	100
88) Benzo(b)fluoranthene	23.433	252	357560	4.888	ng	100
89) Benzo(k)fluoranthene	23.486	252	371518	4.979	ng	99
90) Benzo(a)pyrene	24.115	252	343013	4.833	ng	99
91) Dibenzo(a,h)anthracene	26.998	278	327215	4.454	ng	98
92) Benzo(g,h,i)perylene	27.809	276	326222	3.724	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

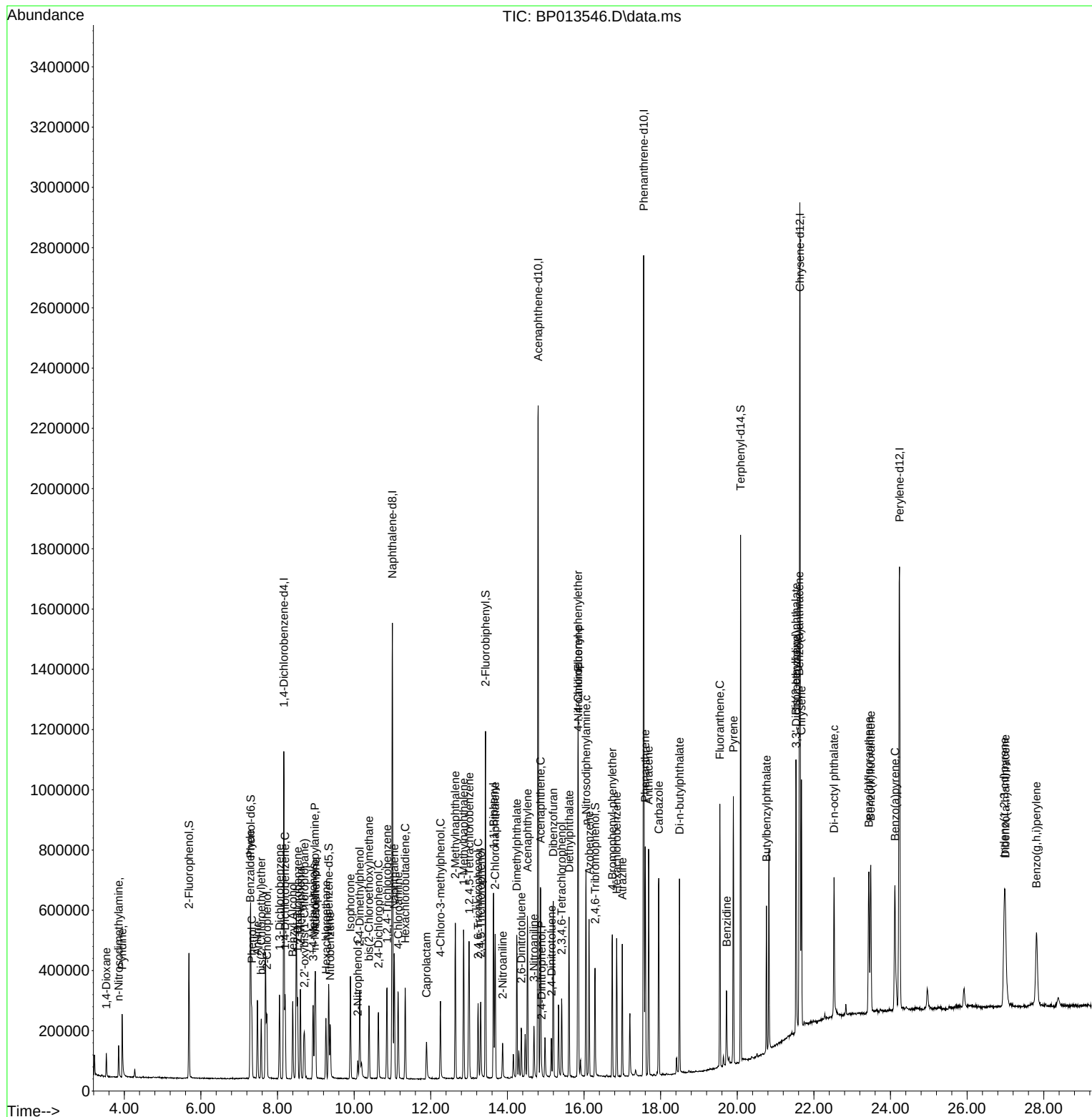
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
 Data File : BP013546.D
 Acq On : 23 Jan 2023 12:00
 Operator : CG/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

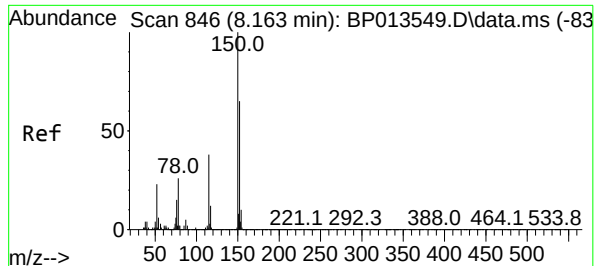
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 01/24/2023
 Supervised By : Jagrut Upadhyay 01/24/2023

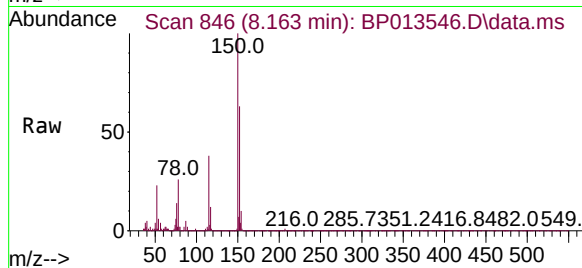
Quant Time: Jan 24 03:02:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 03:01:10 2023
 Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.163 min Scan# 846
Delta R.T. 0.000 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

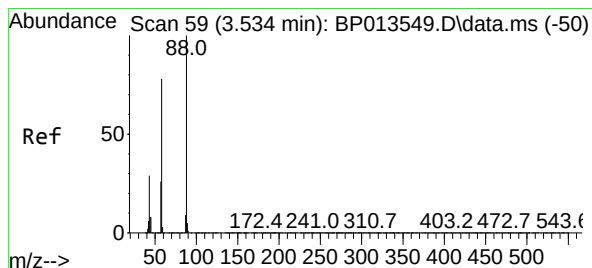
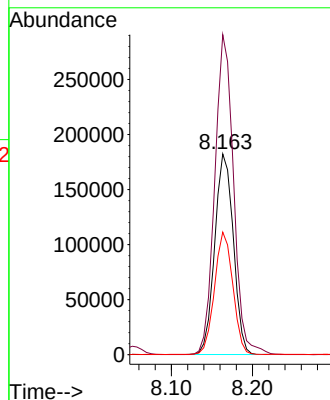
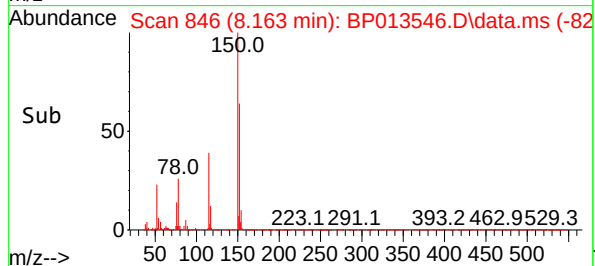
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 152 Resp: 290672
Ion Ratio Lower Upper
152 100
150 159.4 122.4 183.6
115 61.0 46.1 69.1

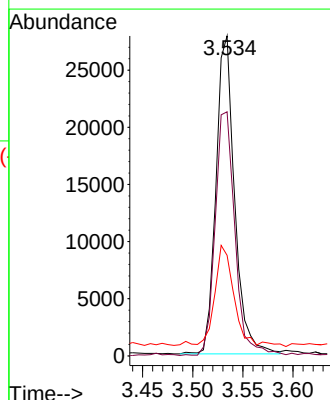
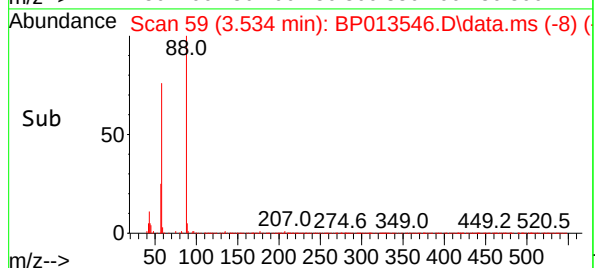
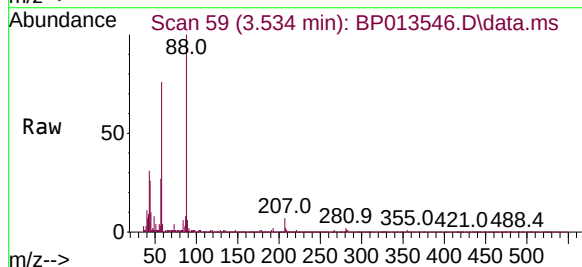
Manual Integrations
APPROVED

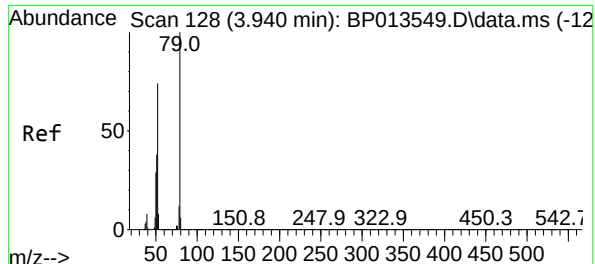
Reviewed By : Christian Giraldo 01/24/2023
Supervised By : Jagrut Upadhyay 01/24/2023



#2
1,4-Dioxane
Concen: 5.269 ng
RT: 3.534 min Scan# 59
Delta R.T. -0.000 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

Tgt Ion: 88 Resp: 36033
Ion Ratio Lower Upper
88 100
58 81.0 63.6 95.4
43 33.0 24.2 36.2





#3

Pyridine

Concen: 5.150 ng

RT: 3.946 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP013546.D

Acq: 23 Jan 2023 12:00

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion: 79 Resp: 104254

Ion Ratio Lower Upper

79 100

52 73.8 59.4 89.2

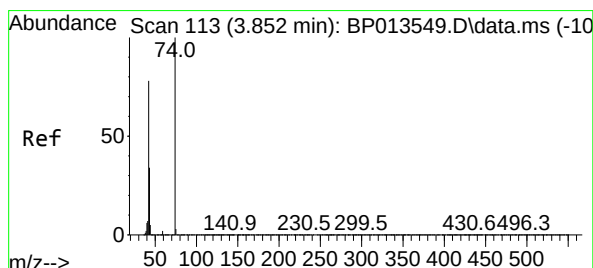
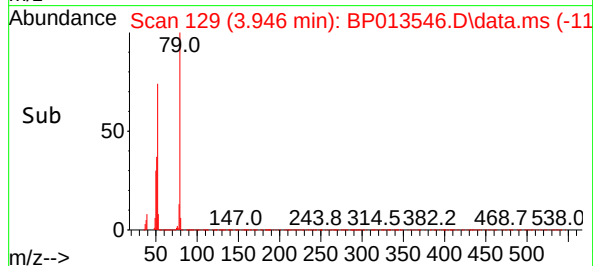
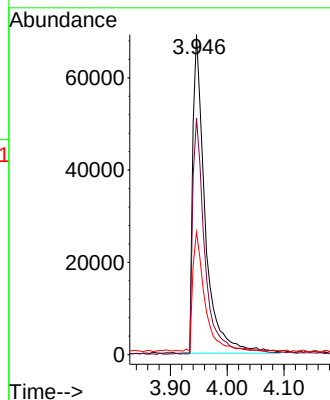
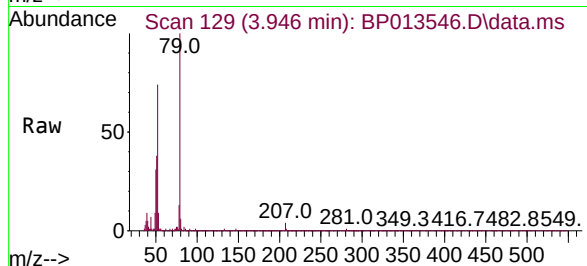
51 38.3 30.6 45.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#4

n-Nitrosodimethylamine

Concen: 5.267 ng

RT: 3.852 min Scan# 113

Delta R.T. -0.000 min

Lab File: BP013546.D

Acq: 23 Jan 2023 12:00

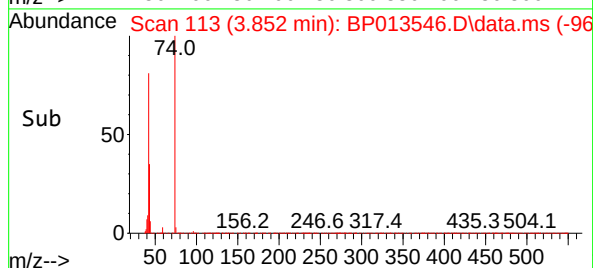
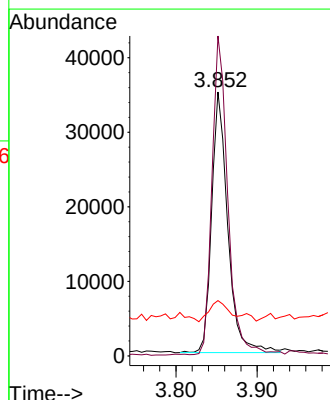
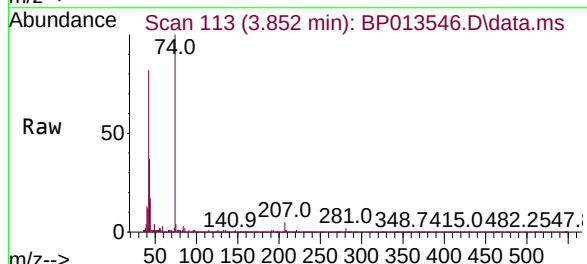
Tgt Ion: 42 Resp: 48351

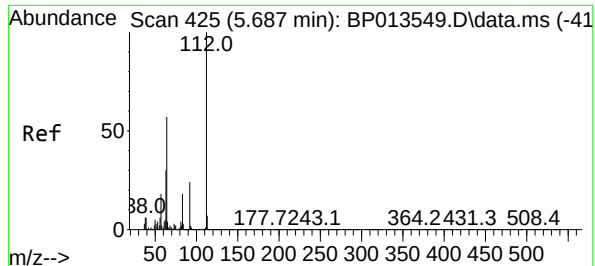
Ion Ratio Lower Upper

42 100

74 121.3 102.3 153.5

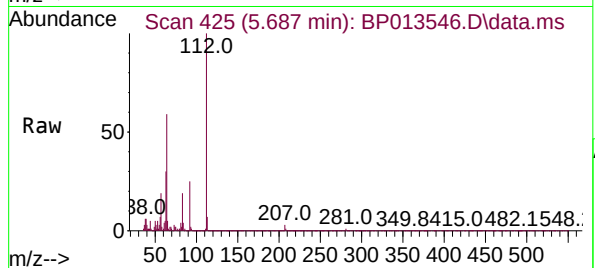
44 21.0 6.2 9.2#





#5
2-Fluorophenol
Concen: 10.400 ng
RT: 5.687 min Scan# 425
Delta R.T. -0.000 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

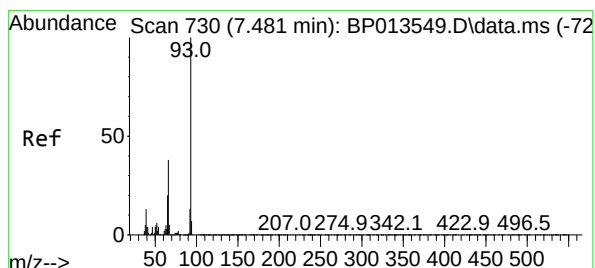
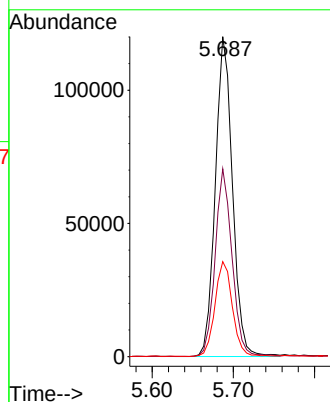
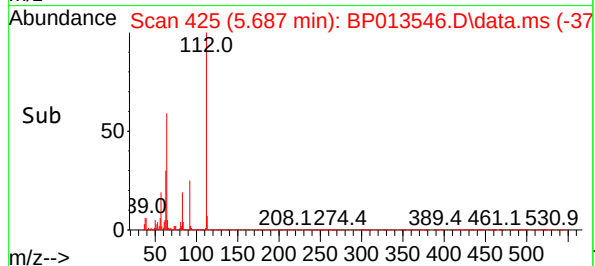
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



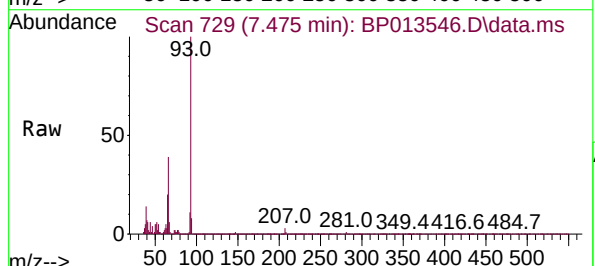
Tgt Ion: 112 Resp: 176436
Ion Ratio Lower Upper
112 100
64 58.7 45.4 68.0
63 29.7 24.1 36.1

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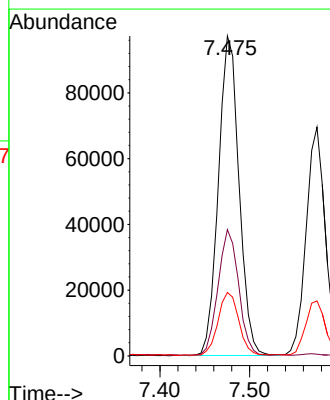
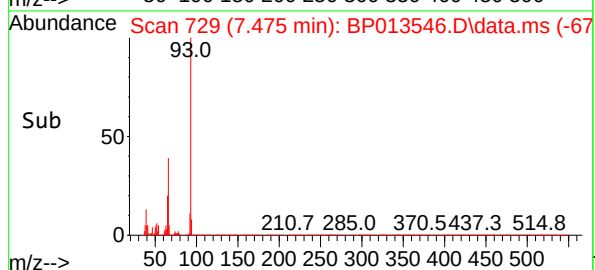
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

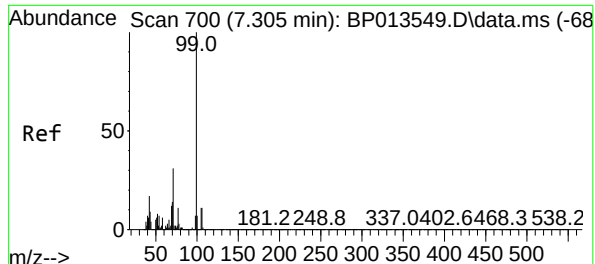


#6
Aniline
Concen: 5.077 ng
RT: 7.475 min Scan# 729
Delta R.T. -0.006 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00



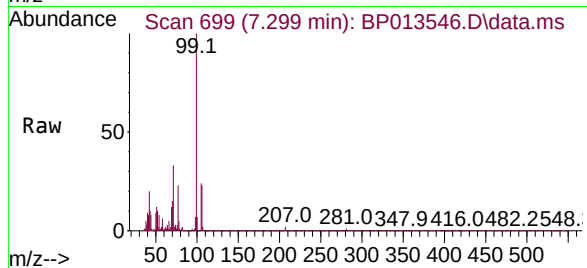
Tgt Ion: 93 Resp: 155726
Ion Ratio Lower Upper
93 100
66 39.5 30.3 45.5
65 19.8 15.9 23.9





#7
Phenol-d6
Concen: 10.195 ng
RT: 7.299 min Scan# 699
Delta R.T. -0.006 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

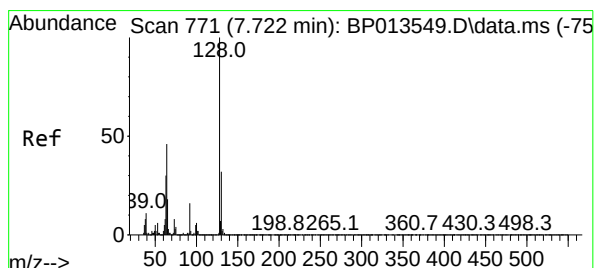
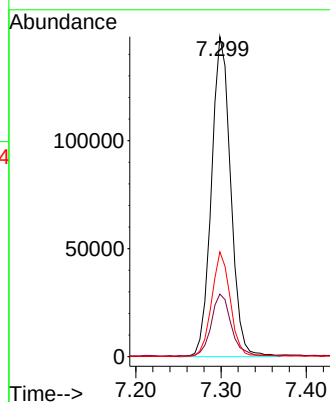
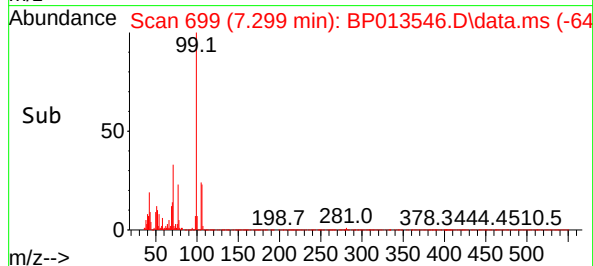
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 99 Resp: 232776
Ion Ratio Lower Upper
99 100
42 19.5 14.0 21.0
71 32.7 24.7 37.1

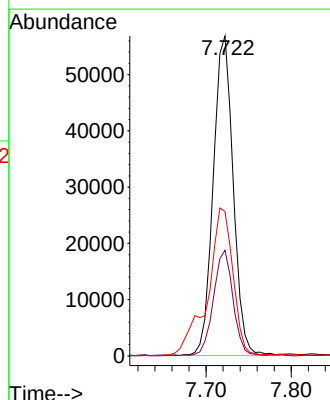
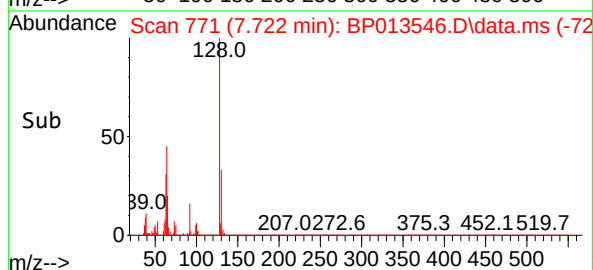
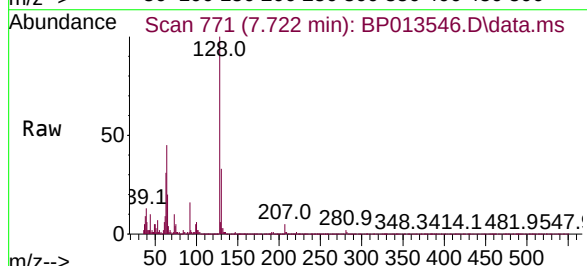
Manual Integrations
APPROVED

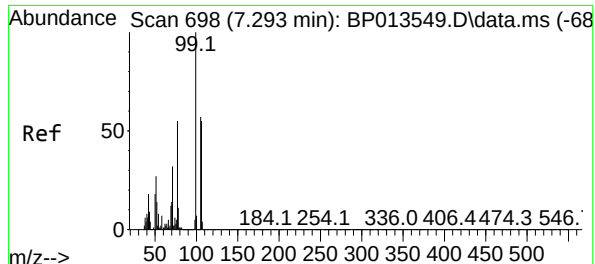
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#8
2-Chlorophenol
Concen: 4.939 ng
RT: 7.722 min Scan# 771
Delta R.T. -0.000 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

Tgt Ion:128 Resp: 92463
Ion Ratio Lower Upper
128 100
130 33.0 12.4 52.4
64 45.1 26.2 66.2





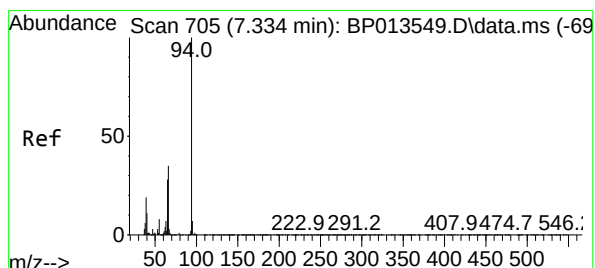
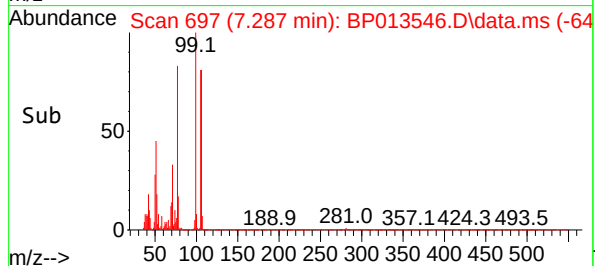
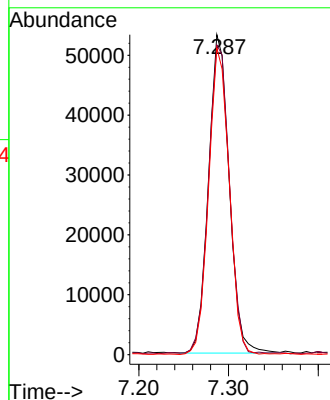
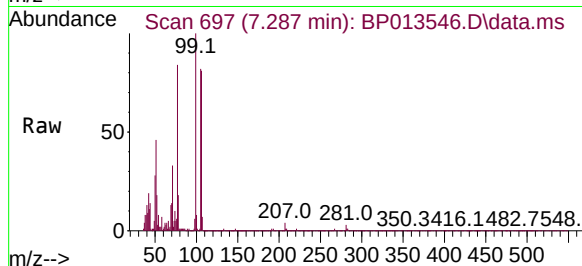
#9
Benzaldehyde
Concen: 6.887 ng
RT: 7.287 min Scan# 69
Delta R.T. -0.006 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

Instrument :
BNA_P
Client Sample Id :
SSTDICC005

Tgt Ion: 77 Resp: 8524
Ion Ratio Lower Upper
77 100
105 96.8 82.6 122.6
106 95.8 78.9 118.9

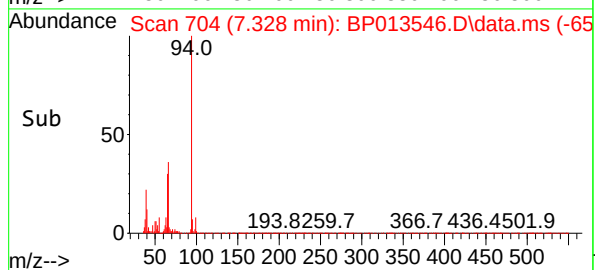
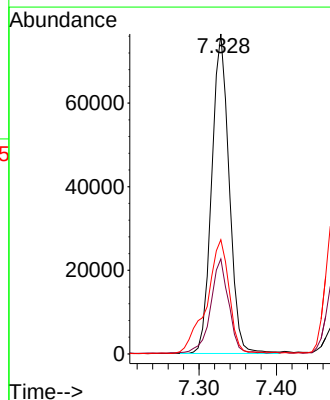
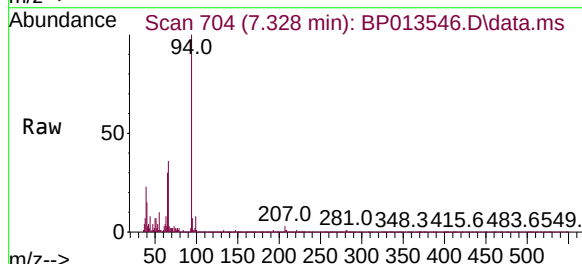
Manual Integrations
APPROVED

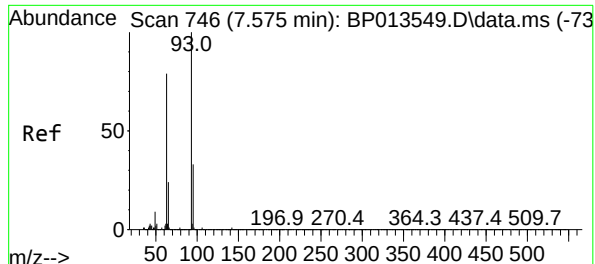
Reviewed By : Christian Giraldo 01/24/2023
Supervised By : Jagrut Upadhyay 01/24/2023



#10
Phenol
Concen: 5.058 ng
RT: 7.328 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

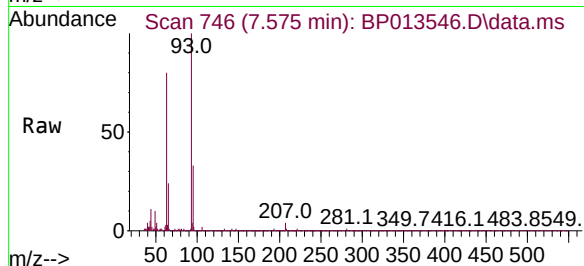
Tgt Ion: 94 Resp: 119652
Ion Ratio Lower Upper
94 100
65 29.7 7.8 47.8
66 35.7 15.5 55.5





#11
bis(2-Chloroethyl)ether
Concen: 5.282 ng
RT: 7.575 min Scan# 746
Delta R.T. -0.000 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

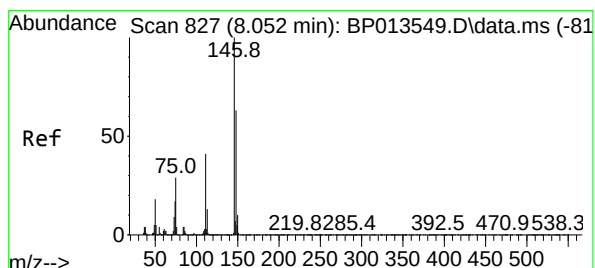
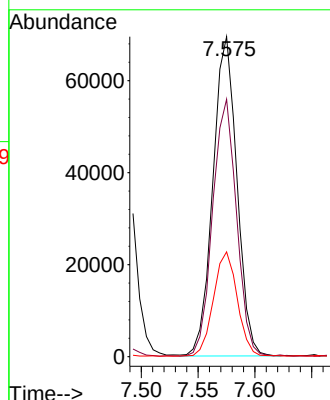
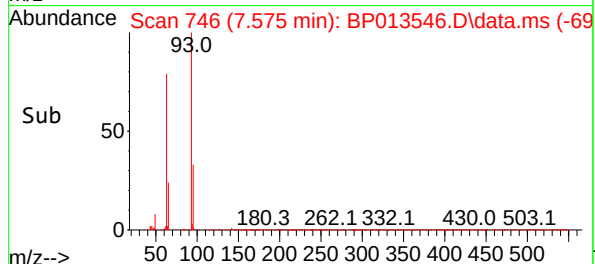
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



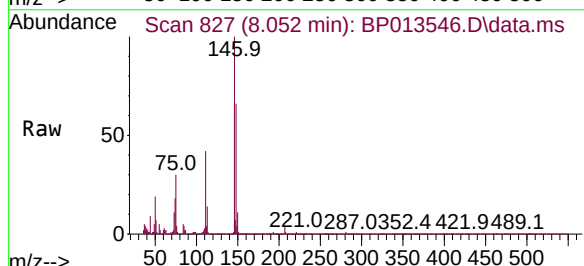
Tgt Ion: 93 Resp: 102165
Ion Ratio Lower Upper
93 100
63 80.4 58.7 98.7
95 32.7 12.8 52.8

Manual Integrations
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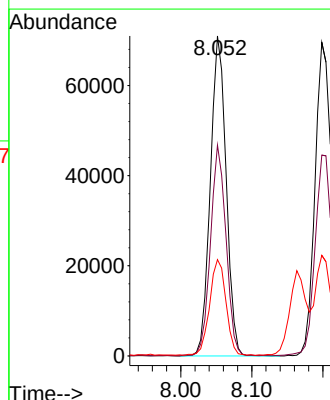
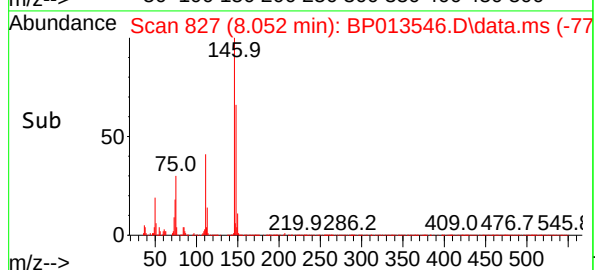
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

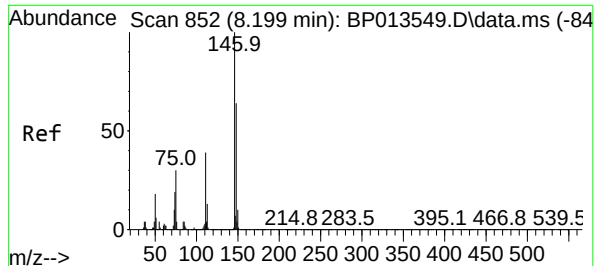


#12
1,3-Dichlorobenzene
Concen: 5.289 ng
RT: 8.052 min Scan# 827
Delta R.T. -0.000 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00



Tgt Ion:146 Resp: 109484
Ion Ratio Lower Upper
146 100
148 65.9 50.7 76.1
75 30.1 23.4 35.2





#13

1,4-Dichlorobenzene

Concen: 5.309 ng

RT: 8.199 min Scan# 852

Delta R.T. -0.000 min

Lab File: BP013546.D

Acq: 23 Jan 2023 12:00

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:146 Resp: 111445

Ion Ratio Lower Upper

146 100

148 64.0 51.4 77.0

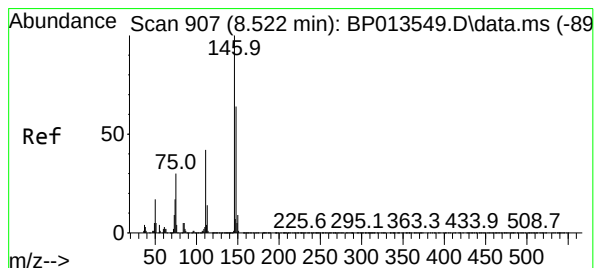
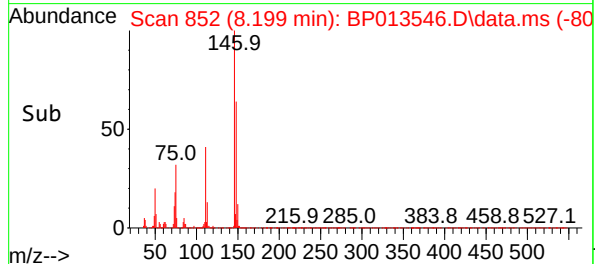
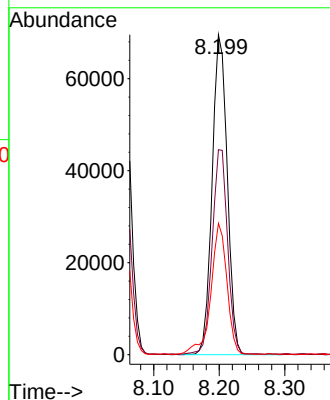
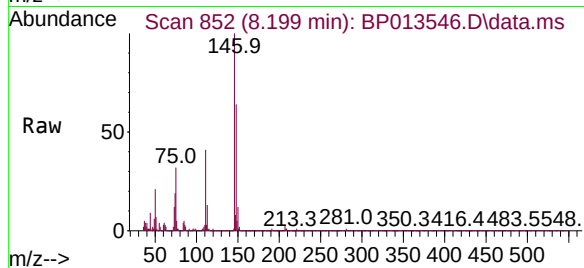
111 41.0 31.4 47.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#14

1,2-Dichlorobenzene

Concen: 5.350 ng

RT: 8.522 min Scan# 907

Delta R.T. -0.000 min

Lab File: BP013546.D

Acq: 23 Jan 2023 12:00

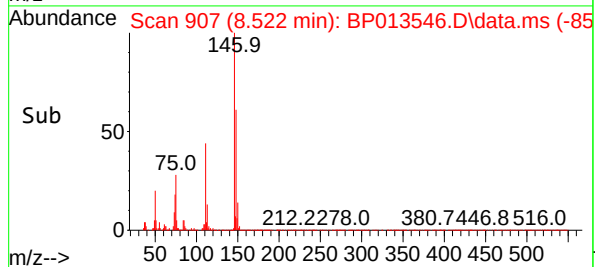
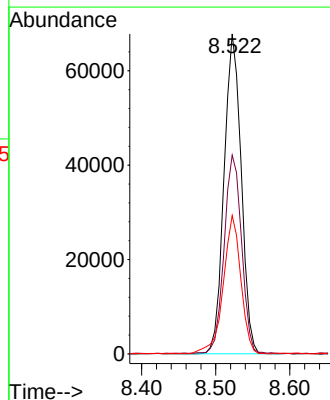
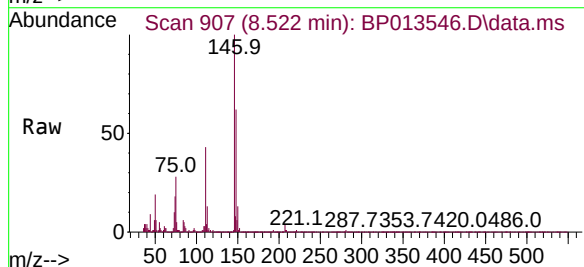
Tgt Ion:146 Resp: 108740

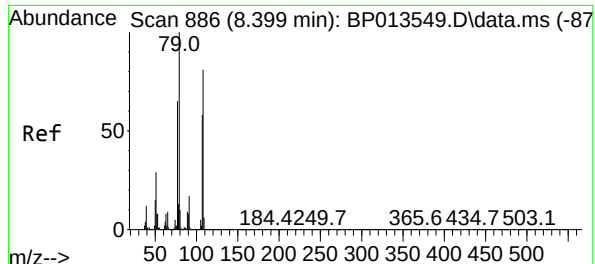
Ion Ratio Lower Upper

146 100

148 62.1 50.8 76.2

111 43.2 33.4 50.2





#15

Benzyl Alcohol

Concen: 5.072 ng

RT: 8.399 min Scan# 886

Delta R.T. -0.000 min

Lab File: BP013546.D

Acq: 23 Jan 2023 12:00

Instrument :

BNA_P

ClientSampleId :

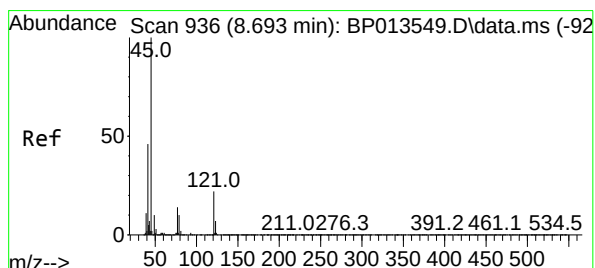
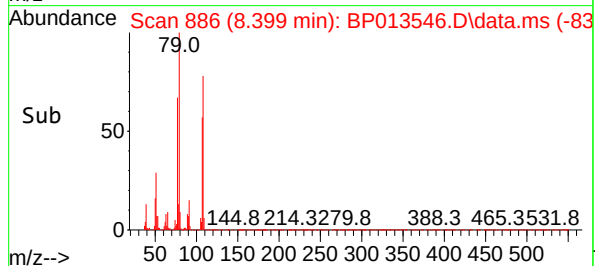
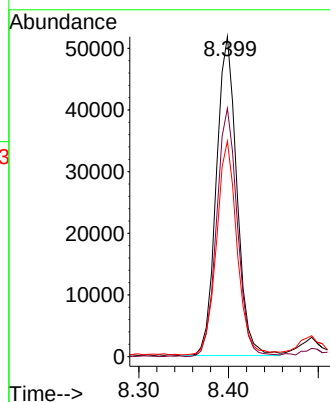
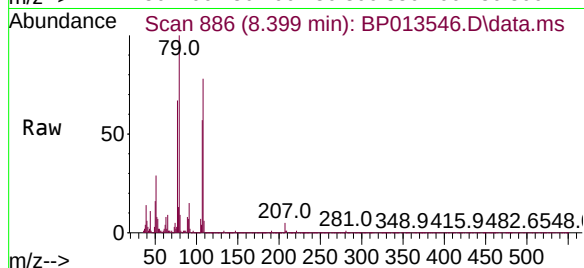
SSTDICC005

Tgt Ion:	79	Resp:	82745
Ion Ratio	Lower	Upper	
79	100		
108	77.6	65.2	97.8
77	67.3	52.3	78.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#16

2,2'-oxybis(1-Chloropropane)

Concen: 5.427 ng

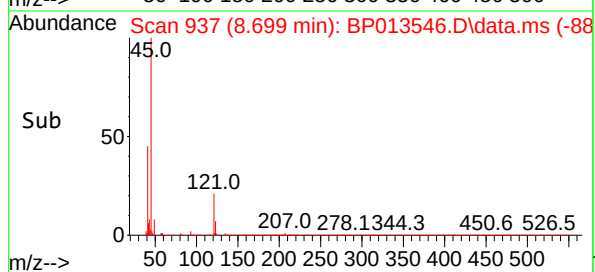
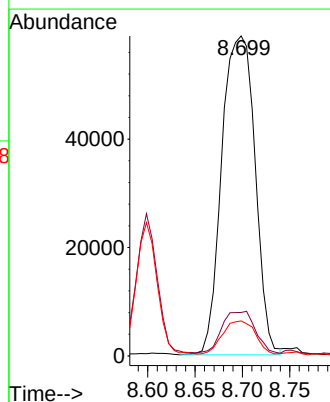
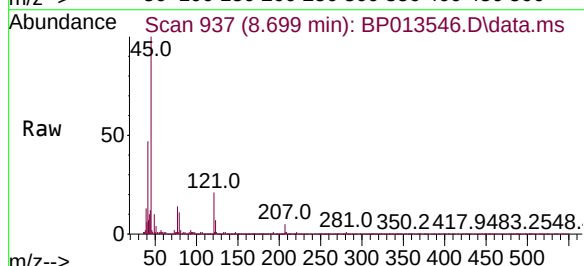
RT: 8.699 min Scan# 937

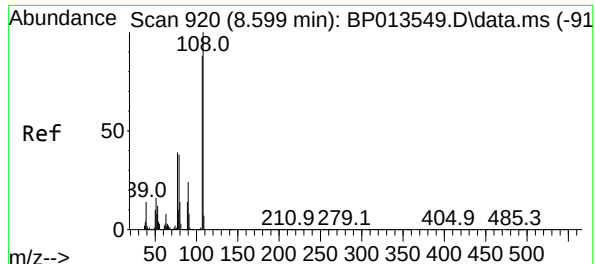
Delta R.T. 0.006 min

Lab File: BP013546.D

Acq: 23 Jan 2023 12:00

Tgt Ion:	45	Resp:	143922
Ion Ratio	Lower	Upper	
45	100		
77	13.6	0.0	34.2
79	10.9	0.0	30.4





#17

2-Methylphenol

Concen: 5.049 ng

RT: 8.599 min Scan# 91

Delta R.T. -0.000 min

Lab File: BP013546.D

Acq: 23 Jan 2023 12:00

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:107 Resp: 86740

Ion Ratio Lower Upper

107 100

108 117.3 90.5 135.7

77 47.1 35.4 53.2

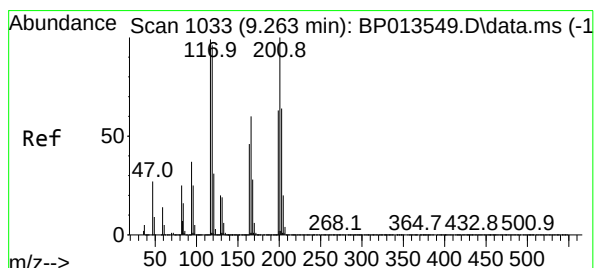
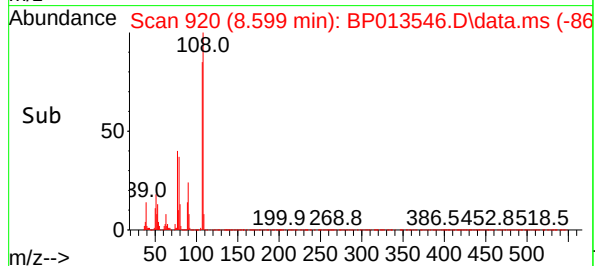
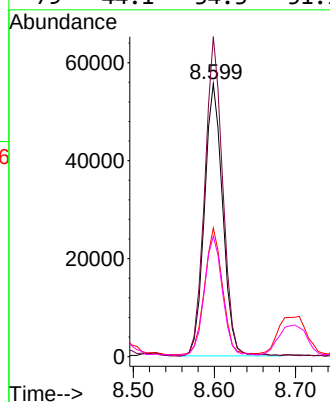
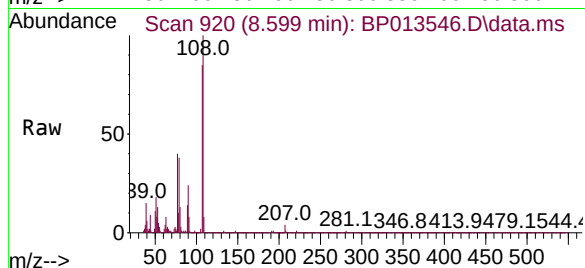
79 44.1 34.3 51.5

Manual Integrations

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Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#18

Hexachloroethane

Concen: 4.961 ng

RT: 9.263 min Scan# 1033

Delta R.T. -0.000 min

Lab File: BP013546.D

Acq: 23 Jan 2023 12:00

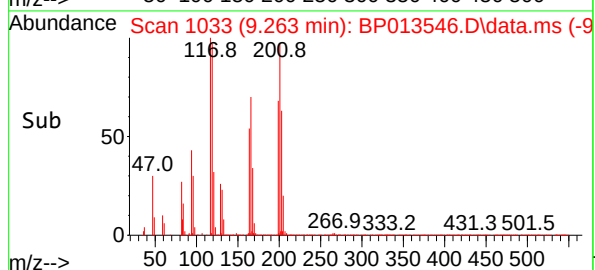
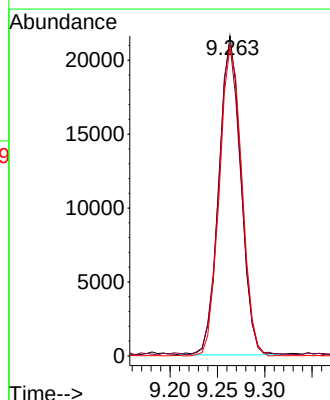
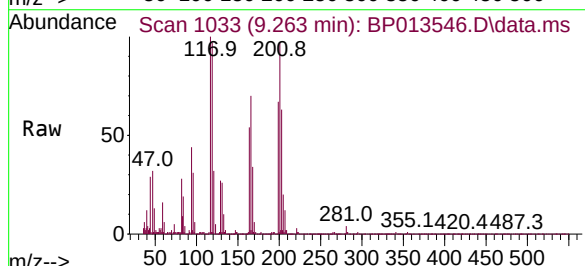
Tgt Ion:117 Resp: 34806

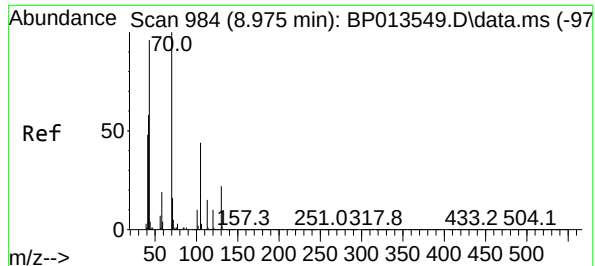
Ion Ratio Lower Upper

117 100

119 97.3 77.0 115.6

201 99.0 80.6 120.8





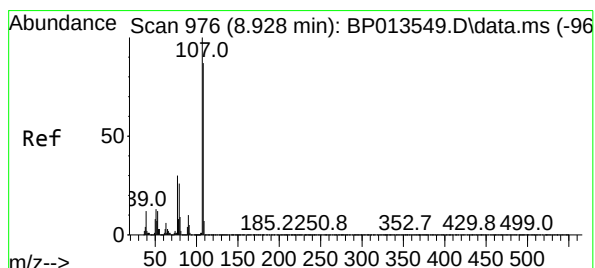
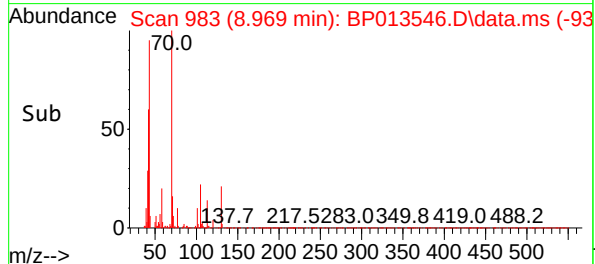
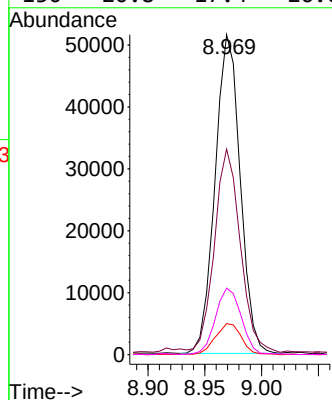
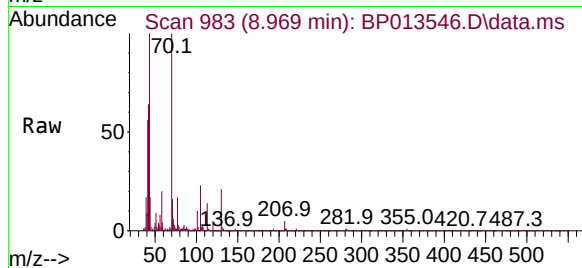
#19
n-Nitroso-di-n-propylamine
Concen: 5.386 ng
RT: 8.969 min Scan# 984
Delta R.T. -0.006 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

Instrument :
BNA_P
Client SampleId :
SSTDICC005

Tgt Ion: 70 Resp: 79203
Ion Ratio Lower Upper
70 100
42 64.2 47.2 70.8
101 9.7 8.0 12.0
130 20.8 17.4 26.0

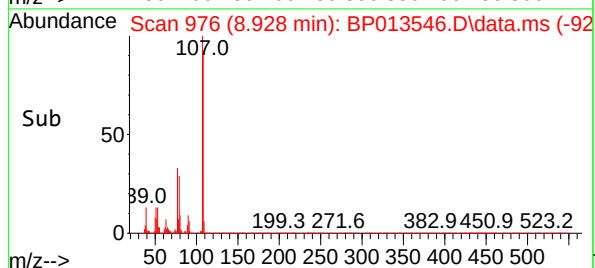
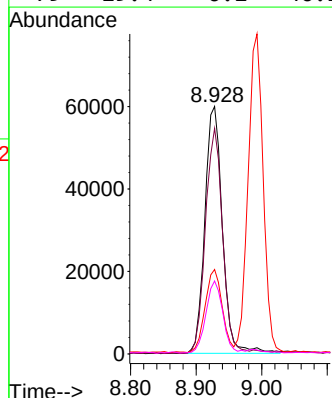
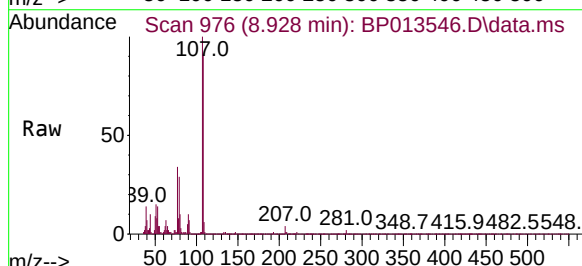
Manual Integrations
APPROVED

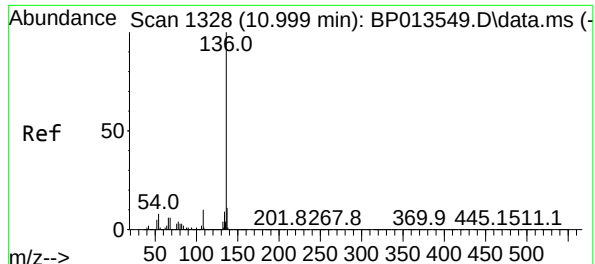
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#20
3+4-Methylphenols
Concen: 4.919 ng
RT: 8.928 min Scan# 976
Delta R.T. -0.000 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

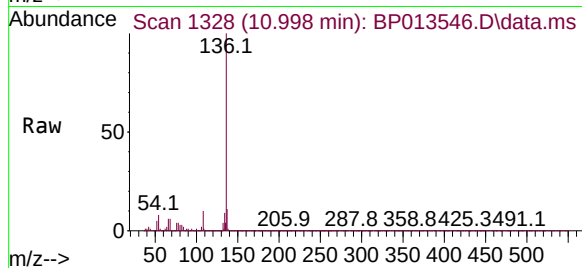
Tgt Ion:107 Resp: 111228
Ion Ratio Lower Upper
107 100
108 91.1 67.5 107.5
77 34.1 10.5 50.5
79 29.4 6.2 46.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.998 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

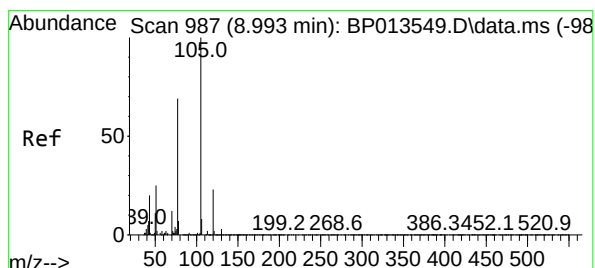
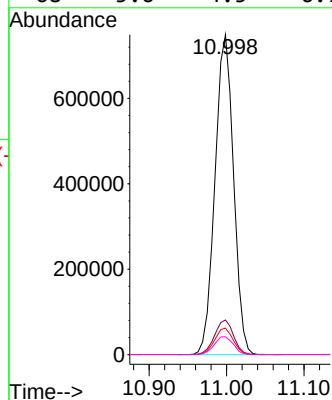
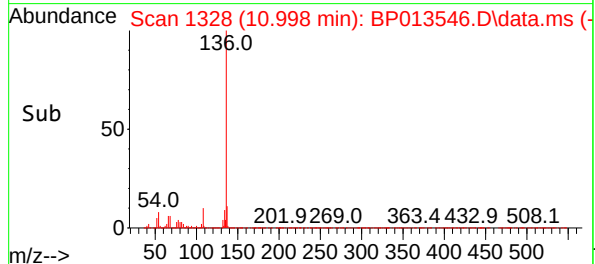
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:136 Resp: 1244553
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 8.3 6.6 9.8
68 5.6 4.5 6.7

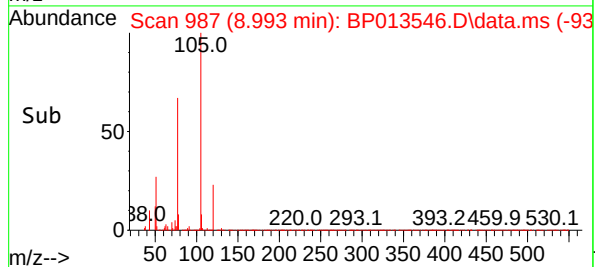
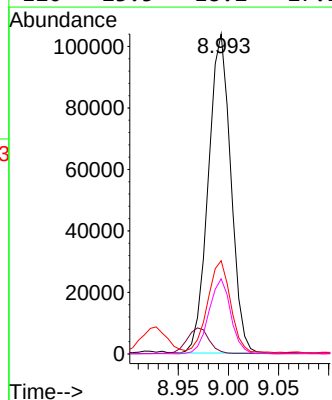
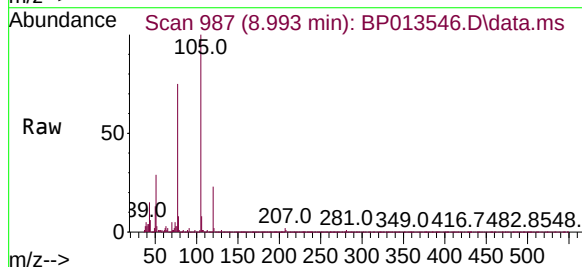
Manual Integrations
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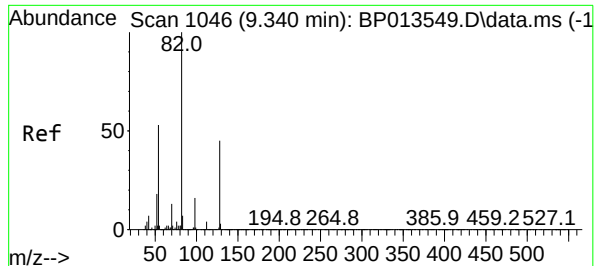
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#22
Acetophenone
Concen: 5.061 ng
RT: 8.993 min Scan# 987
Delta R.T. -0.000 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

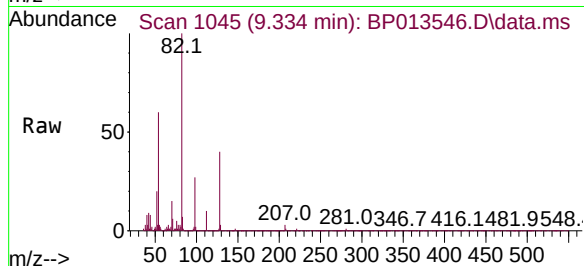
Tgt Ion:105 Resp: 161584
Ion Ratio Lower Upper
105 100
71 0.8 1.8 2.8#
51 29.2 21.1 31.7
120 23.5 18.2 27.2





#23
Nitrobenzene-d5
Concen: 7.611 ng
RT: 9.334 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

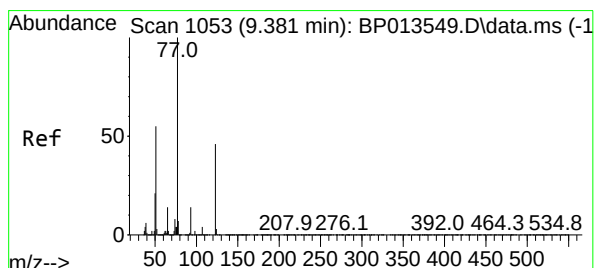
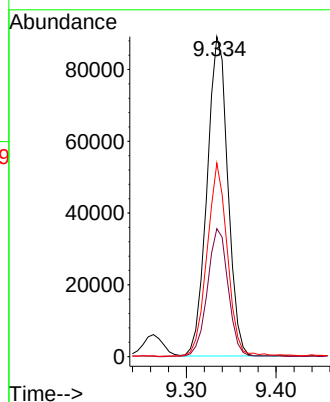
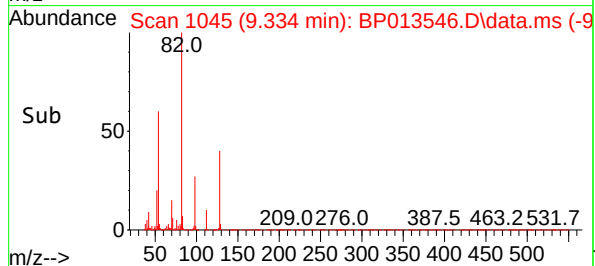
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 82 Resp: 143489
Ion Ratio Lower Upper
82 100
128 40.0 35.8 53.6
54 60.5 42.6 64.0

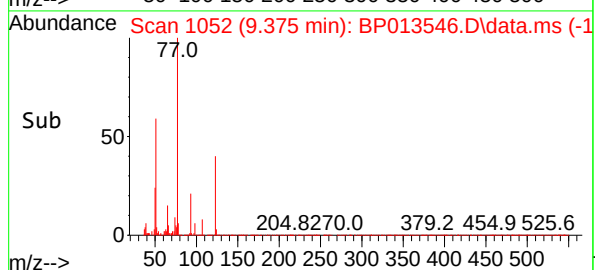
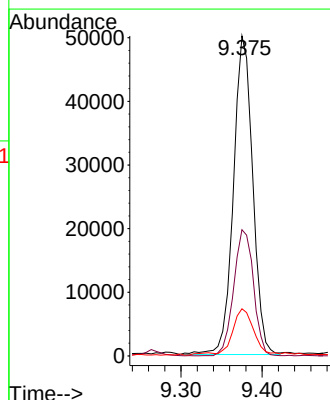
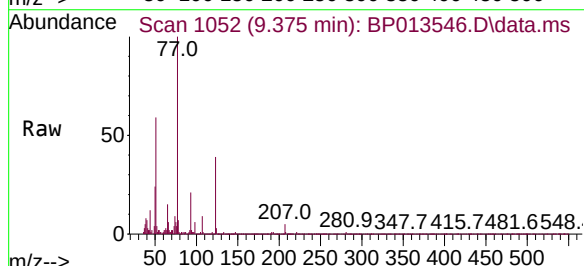
Manual Integrations
APPROVED

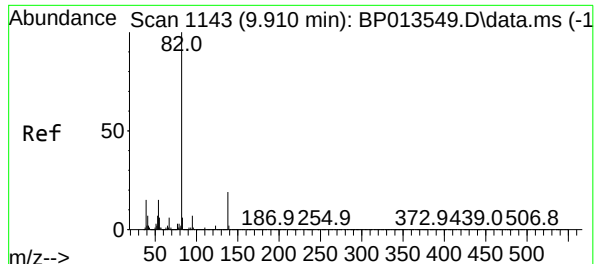
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#24
Nitrobenzene
Concen: 4.093 ng
RT: 9.375 min Scan# 1052
Delta R.T. -0.006 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

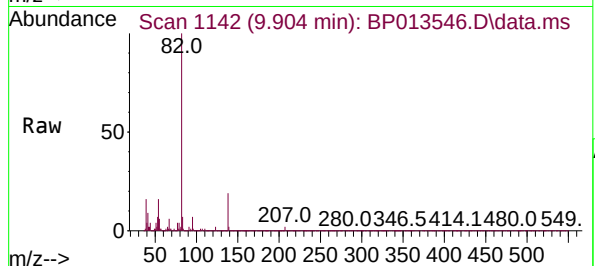
Tgt Ion: 77 Resp: 82968
Ion Ratio Lower Upper
77 100
123 39.4 37.2 55.8
65 14.7 11.1 16.7





#25
Isophorone
Concen: 5.082 ng
RT: 9.904 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

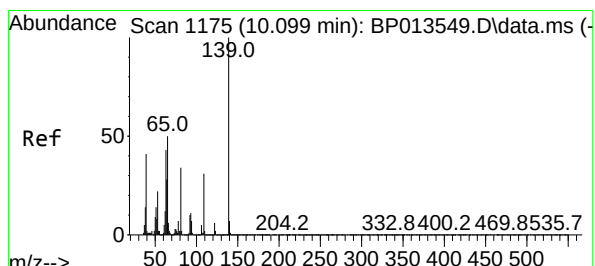
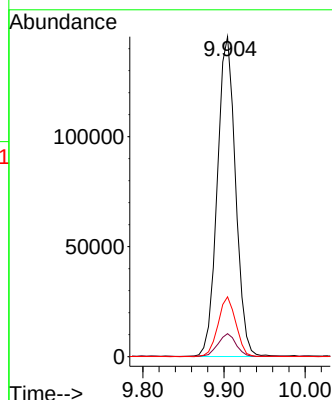
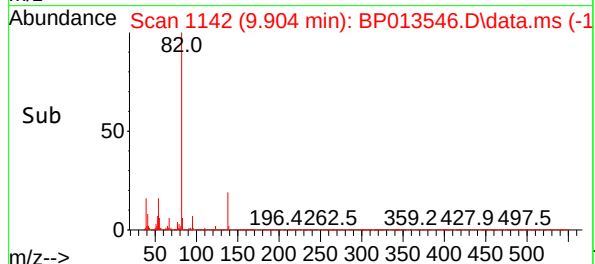
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 82 Resp: 22724
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.8
138 18.7 15.1 22.7

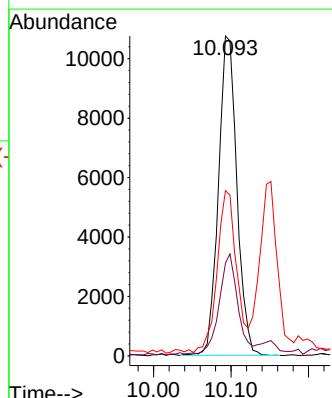
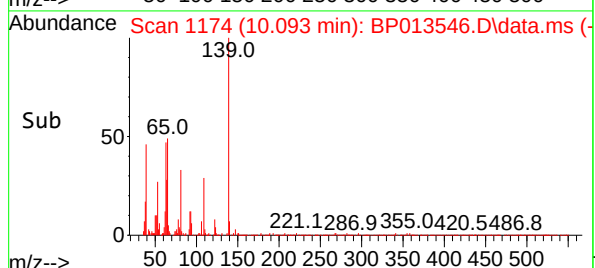
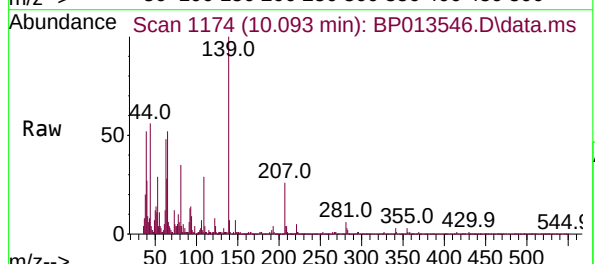
Manual Integrations
APPROVED

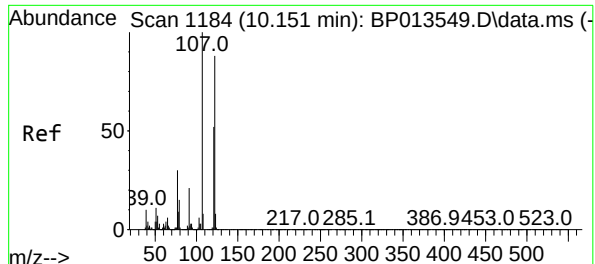
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#26
2-Nitrophenol
Concen: 2.820 ng
RT: 10.093 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

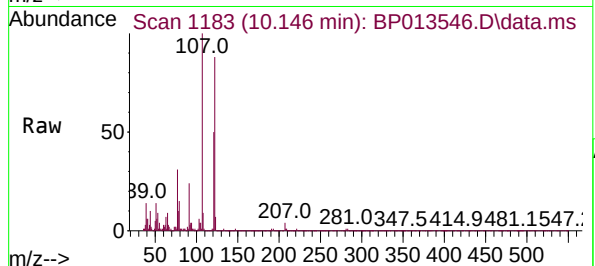
Tgt Ion:139 Resp: 17824
Ion Ratio Lower Upper
139 100
109 29.0 25.1 37.7
65 51.6 40.1 60.1





#27
2,4-Dimethylphenol
Concen: 4.594 ng
RT: 10.146 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

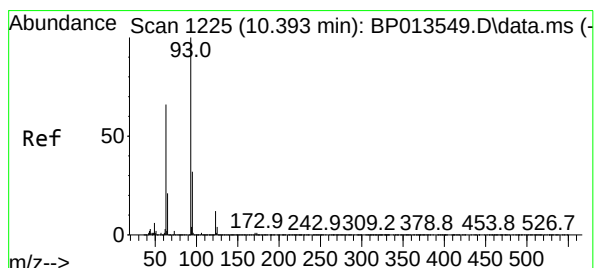
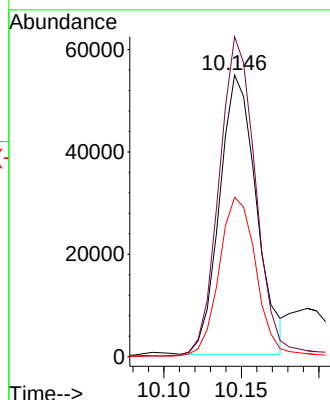
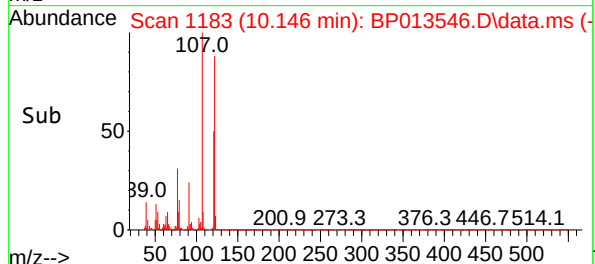
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:122 Resp: 90559
Ion Ratio Lower Upper
122 100
107 113.7 90.7 136.1
121 56.6 47.0 70.4

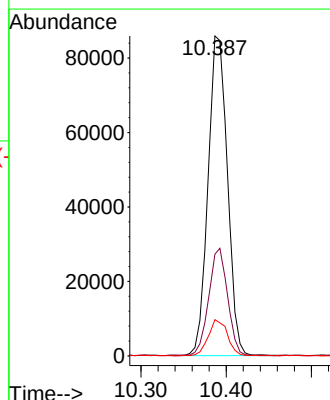
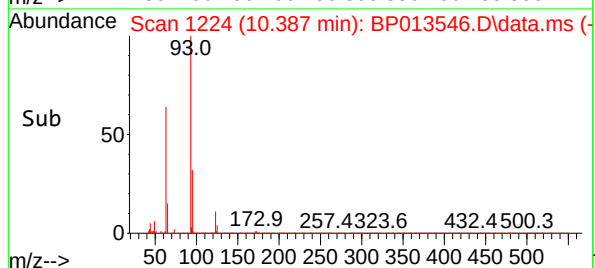
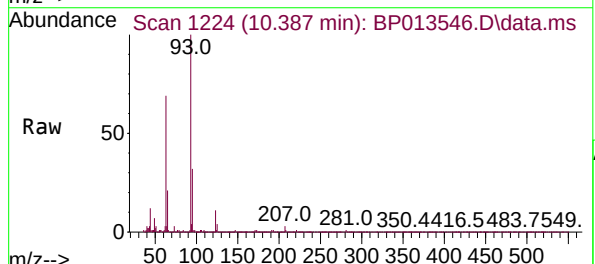
Manual Integrations
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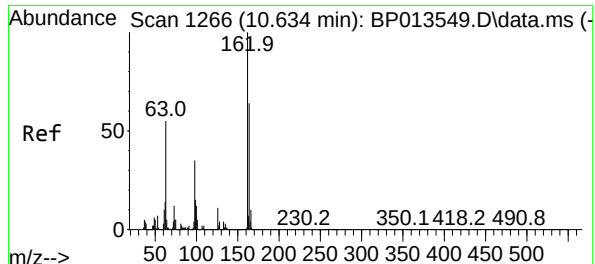
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#28
bis(2-Chloroethoxy)methane
Concen: 5.034 ng
RT: 10.387 min Scan# 1224
Delta R.T. -0.006 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

Tgt Ion: 93 Resp: 135638
Ion Ratio Lower Upper
93 100
95 31.8 25.8 38.8
123 11.3 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 4.326 ng

RT: 10.634 min Scan# 1266

Delta R.T. -0.000 min

Lab File: BP013546.D

Acq: 23 Jan 2023 12:00

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:162 Resp: 76809

Ion Ratio Lower Upper

162 100

164 65.4 44.3 84.3

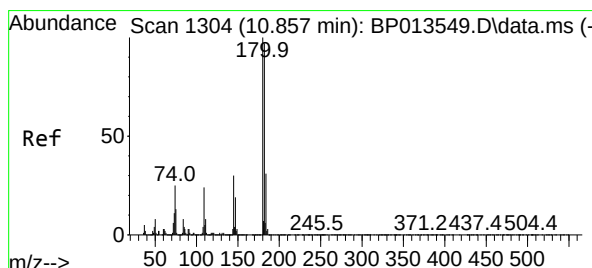
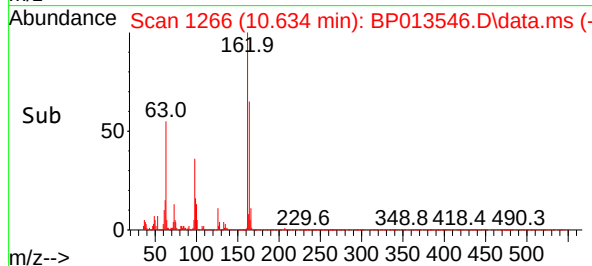
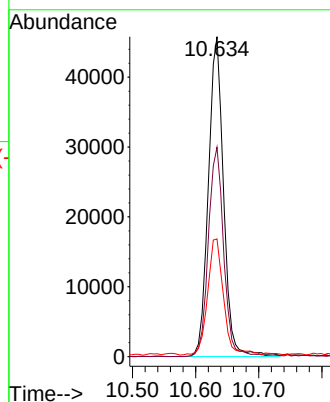
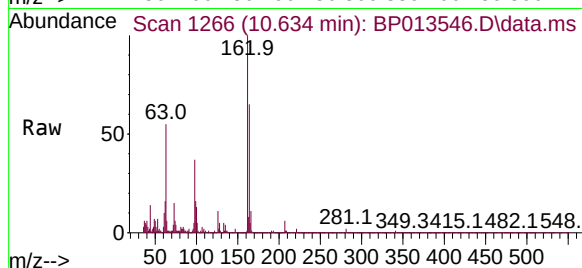
98 36.8 15.3 55.3

Manual Integrations

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Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#30

1,2,4-Trichlorobenzene

Concen: 4.991 ng

RT: 10.857 min Scan# 1304

Delta R.T. -0.000 min

Lab File: BP013546.D

Acq: 23 Jan 2023 12:00

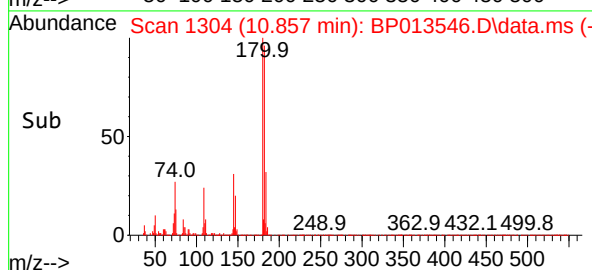
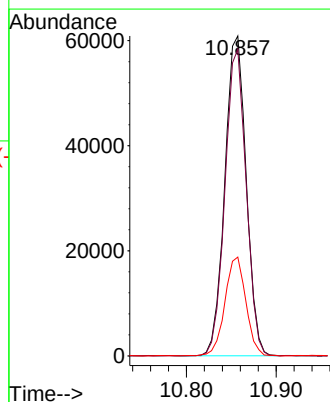
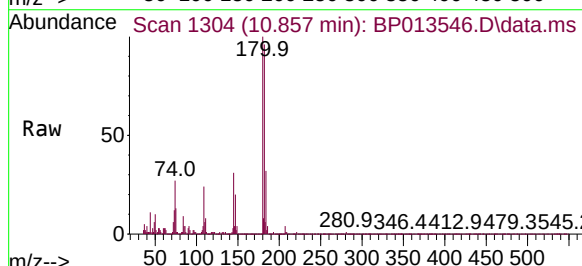
Tgt Ion:180 Resp: 101135

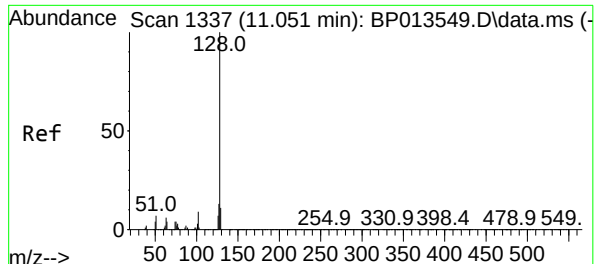
Ion Ratio Lower Upper

180 100

182 95.8 77.9 116.9

145 30.9 24.0 36.0





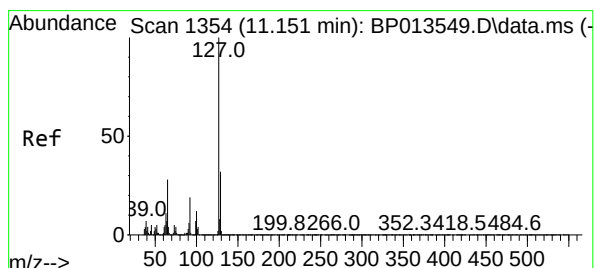
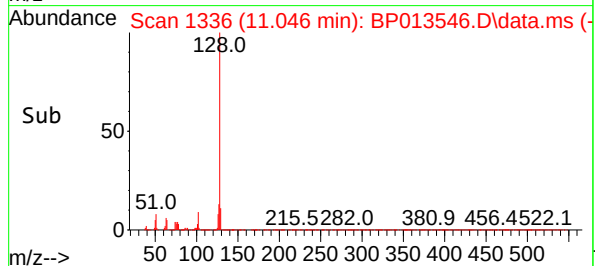
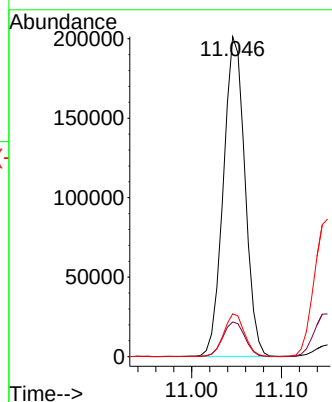
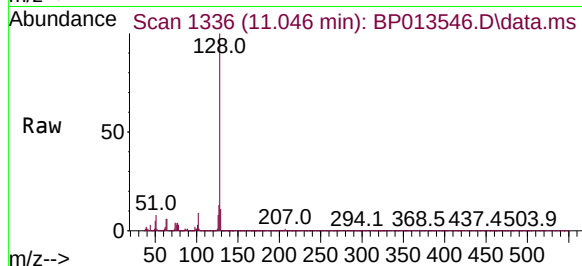
#31
Naphthalene
Concen: 5.042 ng
RT: 11.046 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 33735
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 13.4 10.6 16.0

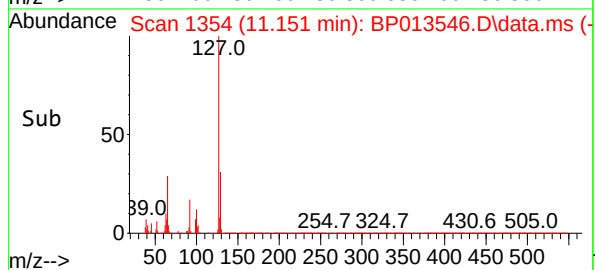
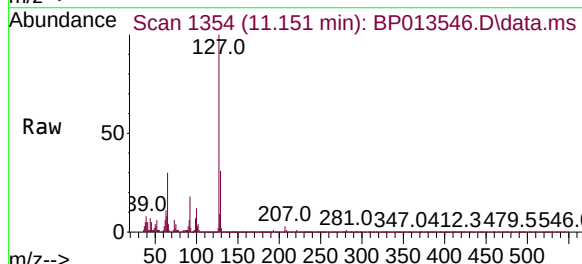
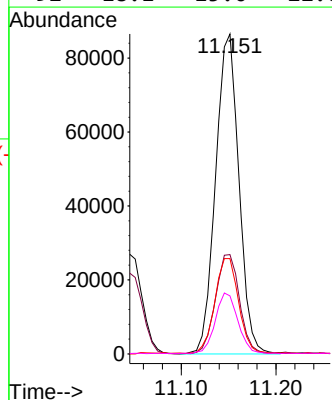
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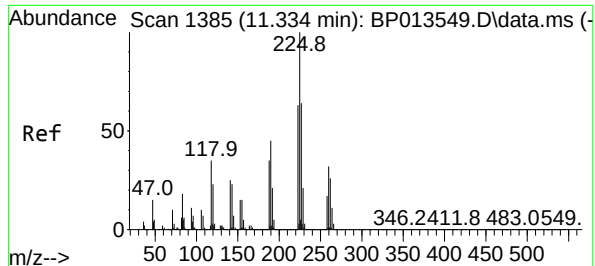
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#33
4-Chloroaniline
Concen: 4.993 ng
RT: 11.151 min Scan# 1354
Delta R.T. -0.000 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

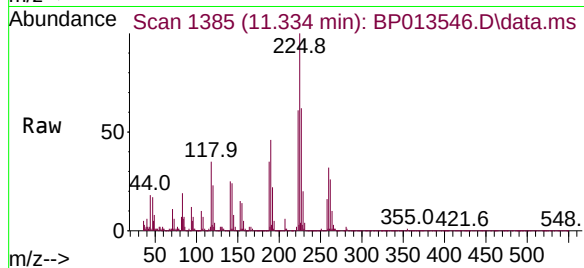
Tgt Ion:127 Resp: 147826
Ion Ratio Lower Upper
127 100
129 31.0 25.7 38.5
65 29.8 22.7 34.1
92 18.1 15.0 22.6





#34
Hexachlorobutadiene
Concen: 4.989 ng
RT: 11.334 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

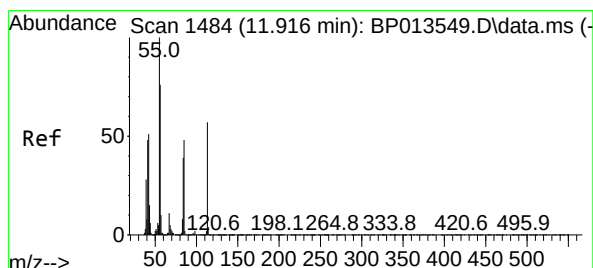
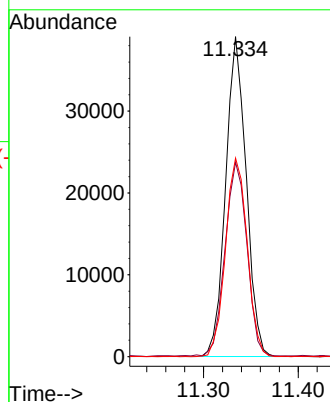
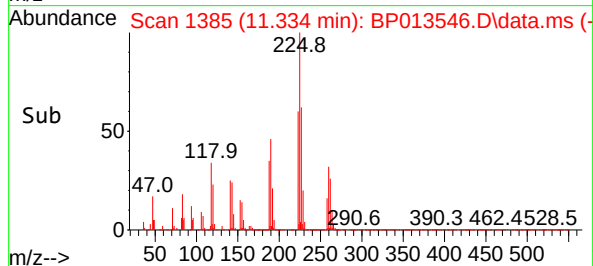
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 225 Resp: 5882
Ion Ratio Lower Upper
225 100
223 60.7 50.2 75.2
227 62.0 51.4 77.2

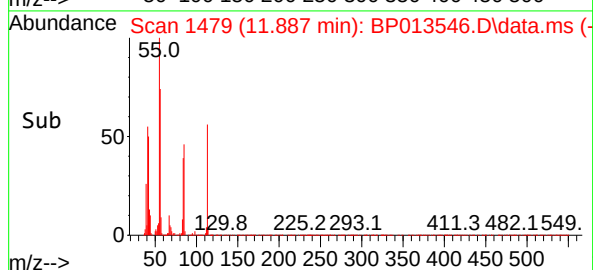
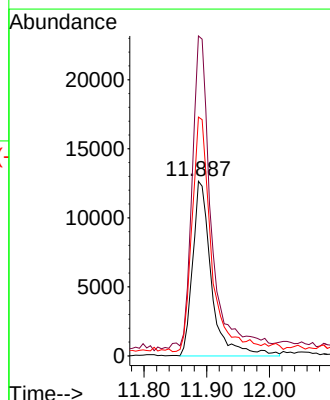
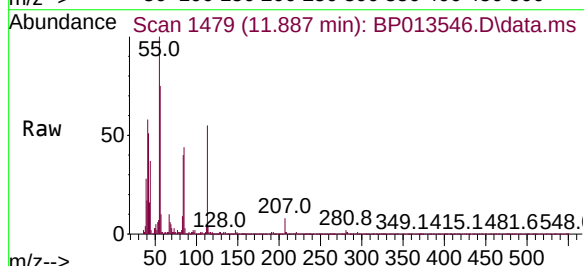
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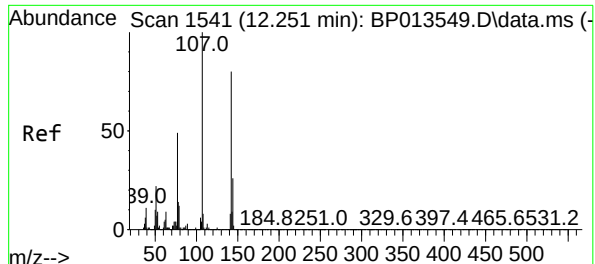
Reviewed By : Christian Giraldo 01/24/2023
Supervised By : Jagrut Upadhyay 01/24/2023



#35
Caprolactam
Concen: 4.606 ng m
RT: 11.887 min Scan# 1479
Delta R.T. -0.029 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

Tgt Ion: 113 Resp: 26416
Ion Ratio Lower Upper
113 100
55 183.2 156.5 196.5
56 136.7 113.5 153.5





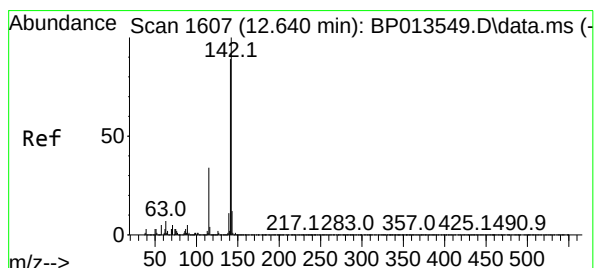
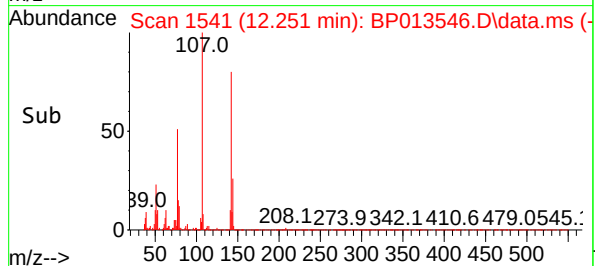
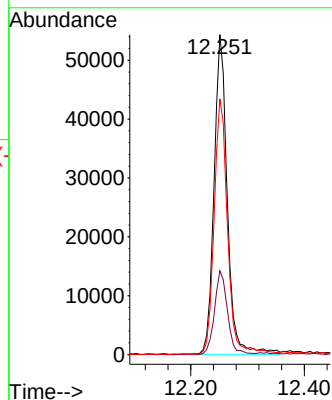
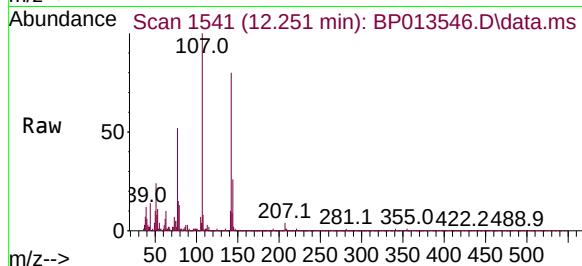
#36
4-Chloro-3-methylphenol
Concen: 4.557 ng
RT: 12.251 min Scan# 1541
Delta R.T. -0.000 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:107 Resp: 88110
Ion Ratio Lower Upper
107 100
144 26.2 21.1 31.7
142 79.9 64.0 96.0

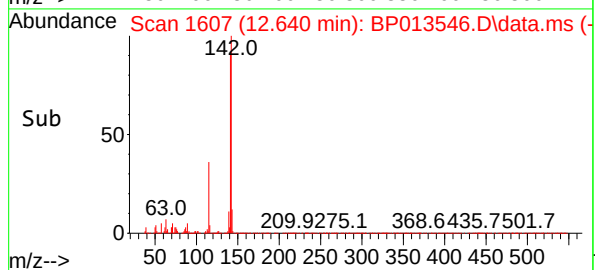
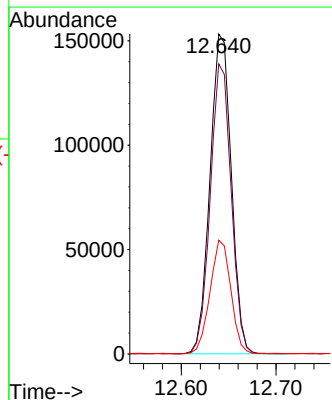
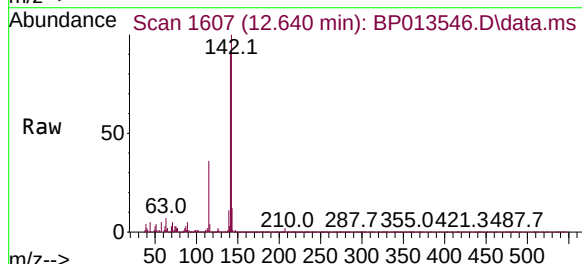
Manual Integrations
APPROVED

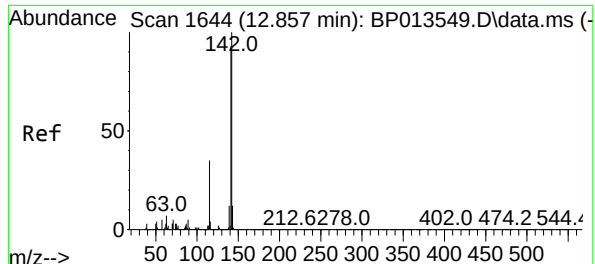
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#37
2-Methylnaphthalene
Concen: 5.036 ng
RT: 12.640 min Scan# 1607
Delta R.T. -0.000 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

Tgt Ion:142 Resp: 239508
Ion Ratio Lower Upper
142 100
141 90.6 71.4 107.2
115 35.5 27.4 41.2





#38

1-Methylnaphthalene

Concen: 5.093 ng

RT: 12.857 min Scan# 1644

Delta R.T. -0.000 min

Lab File: BP013546.D

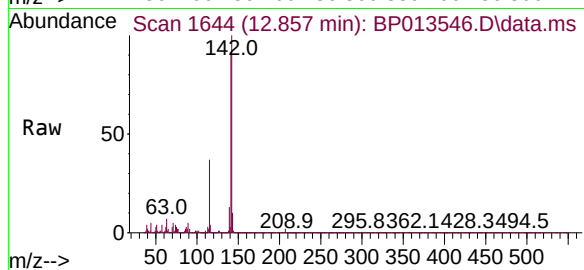
Acq: 23 Jan 2023 12:00

Instrument :

BNA_P

ClientSampleId :

SSTDICC005



Tgt Ion:142 Resp: 227581

Ion Ratio Lower Upper

142 100

141 90.8 74.3 111.5

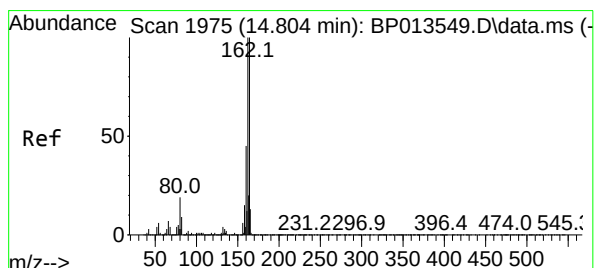
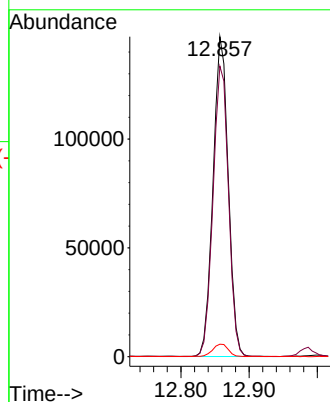
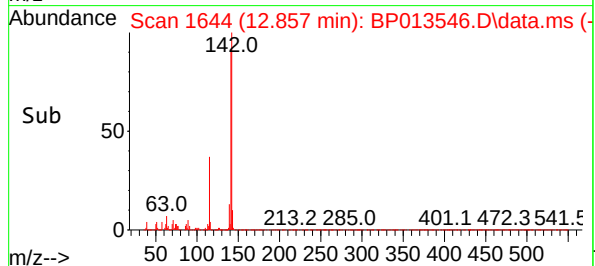
116 3.9 3.0 4.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#39

Acenaphthene-d10

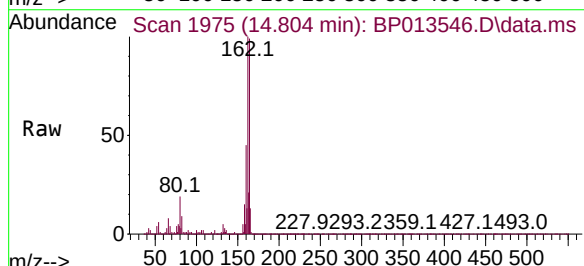
Concen: 20.000 ng

RT: 14.804 min Scan# 1975

Delta R.T. -0.000 min

Lab File: BP013546.D

Acq: 23 Jan 2023 12:00



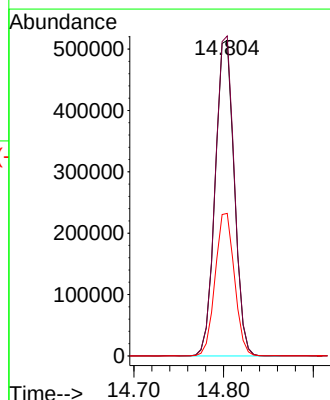
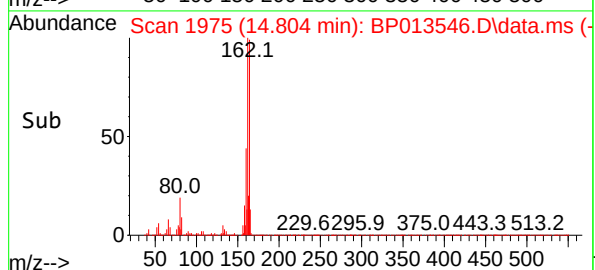
Tgt Ion:164 Resp: 762595

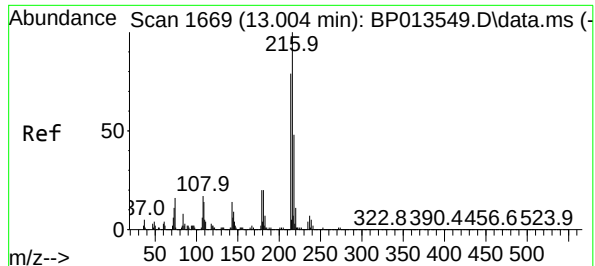
Ion Ratio Lower Upper

164 100

162 101.4 80.1 120.1

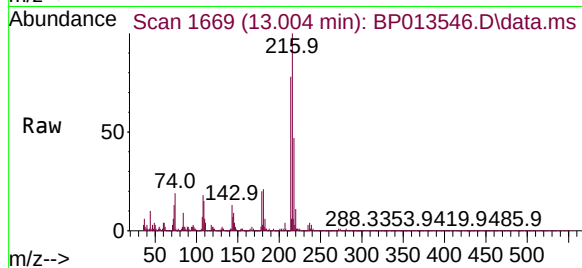
160 45.1 35.9 53.9





#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.823 ng
RT: 13.004 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

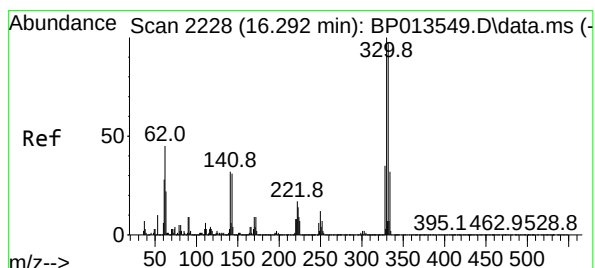
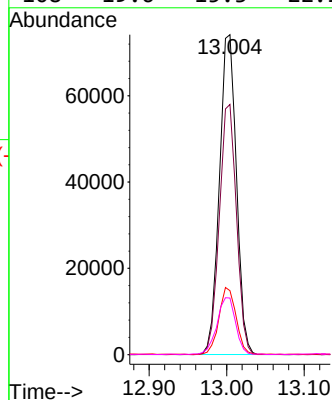
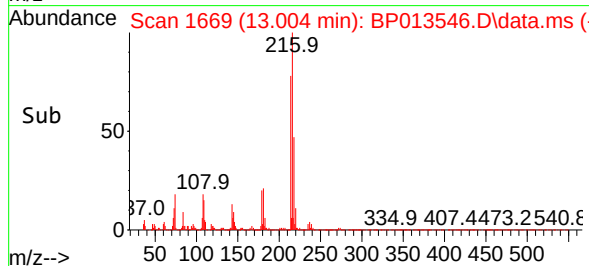
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



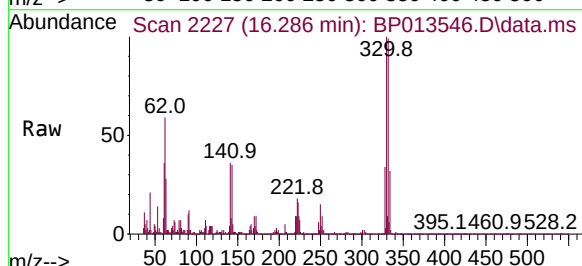
Tgt Ion: 216 Resp: 113229
Ion Ratio Lower Upper
216 100
214 78.8 62.9 94.3
179 21.4 16.6 24.8
108 19.6 15.3 22.9

Manual Integrations
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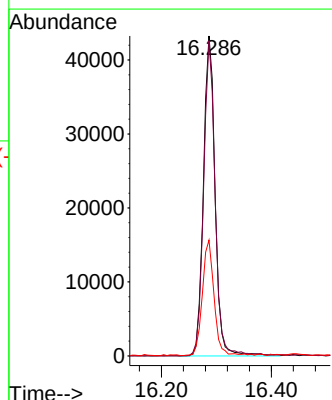
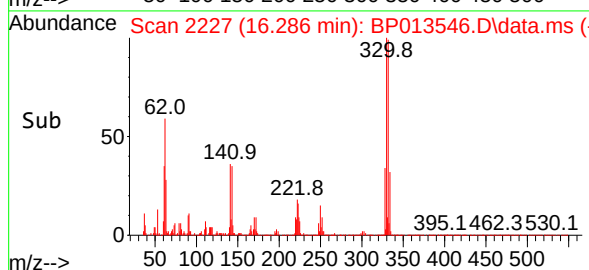
Reviewed By : Christian Giraldo 01/24/2023
Supervised By : Jagrut Upadhyay 01/24/2023

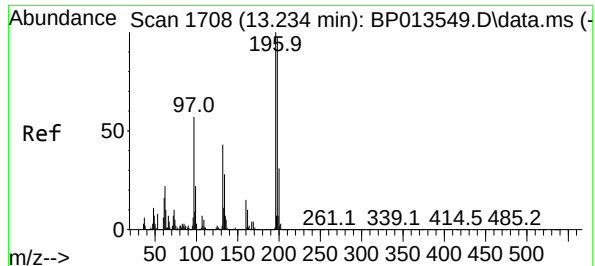


#42
2,4,6-Tribromophenol
Concen: 7.996 ng
RT: 16.286 min Scan# 2227
Delta R.T. -0.006 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00



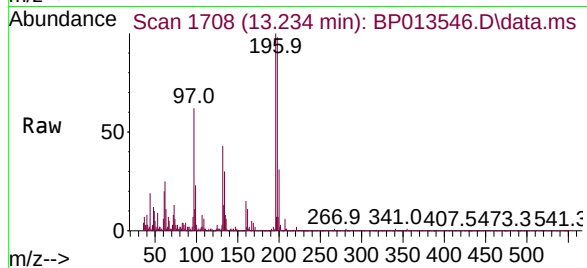
Tgt Ion: 330 Resp: 63576
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.2
141 36.5 27.6 41.4





#43
2,4,6-Trichlorophenol
Concen: 4.016 ng
RT: 13.234 min Scan# 1708
Delta R.T. -0.000 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

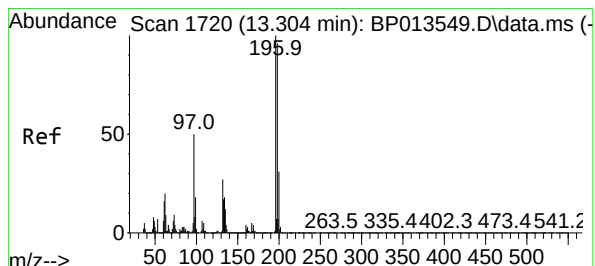
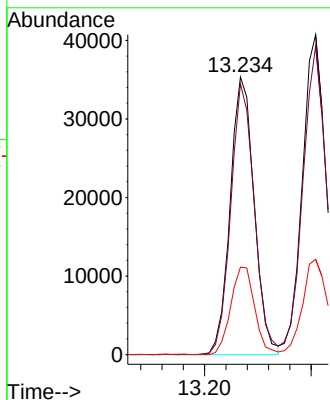
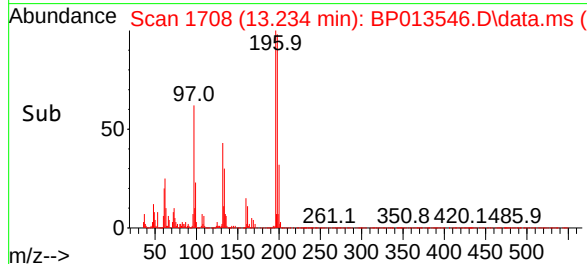
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:196 Resp: 55178
Ion Ratio Lower Upper
196 100
198 97.6 77.3 115.9
200 31.5 24.6 36.8

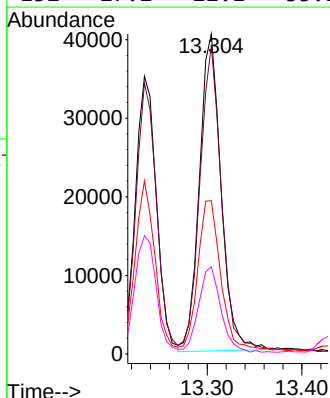
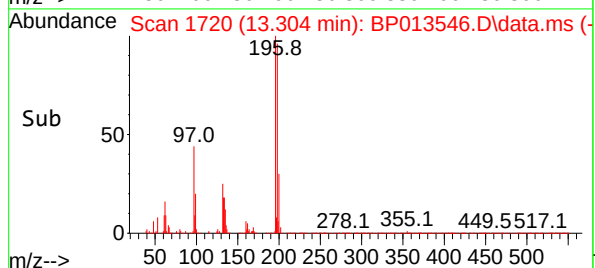
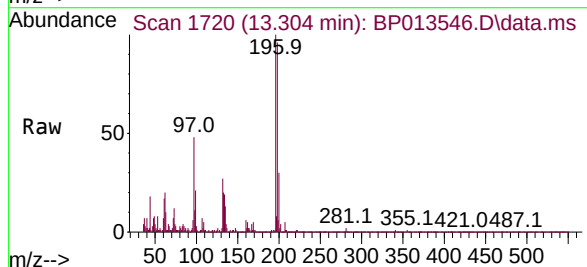
Manual Integrations
APPROVED

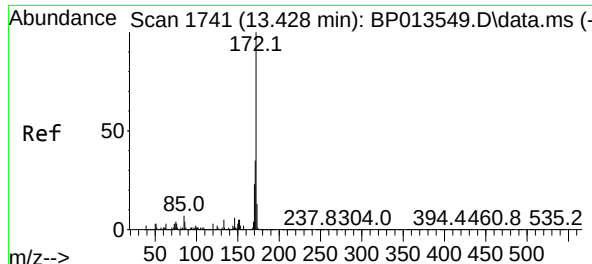
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#44
2,4,5-Trichlorophenol
Concen: 3.954 ng
RT: 13.304 min Scan# 1720
Delta R.T. -0.000 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

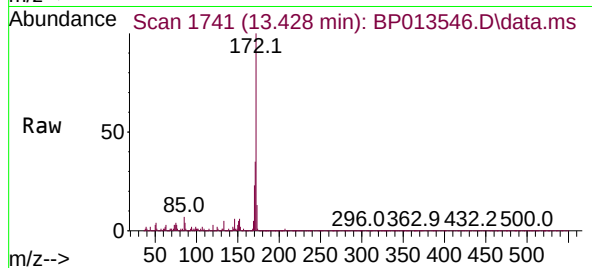
Tgt Ion:196 Resp: 64198
Ion Ratio Lower Upper
196 100
198 96.4 76.7 115.1
97 47.9 40.0 60.0
132 27.2 22.1 33.1





#45
2-Fluorobiphenyl
Concen: 10.104 ng
RT: 13.428 min Scan# 1741
Delta R.T. -0.000 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

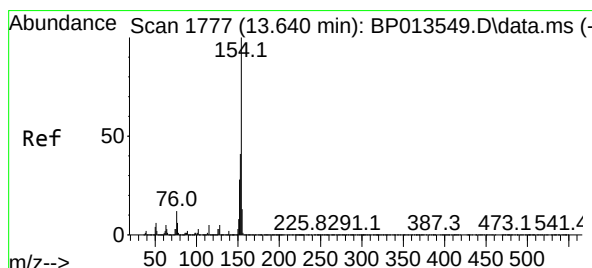
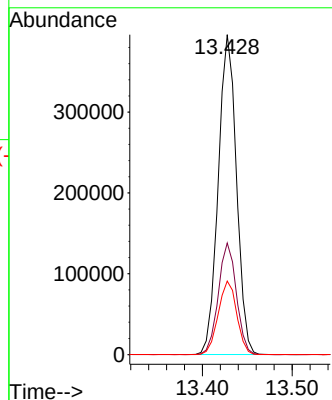
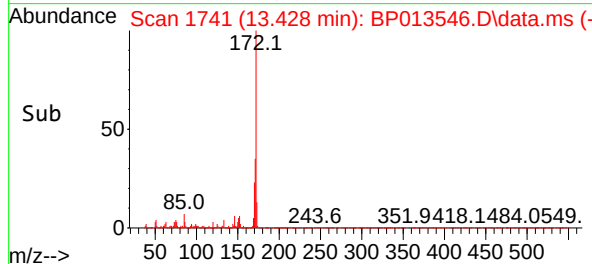
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



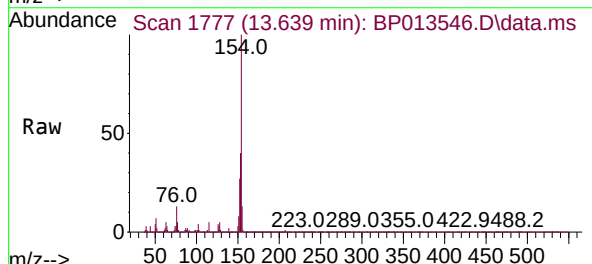
Tgt Ion:172 Resp: 561332
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.8
170 23.0 18.6 27.8

Manual Integrations
APPROVED

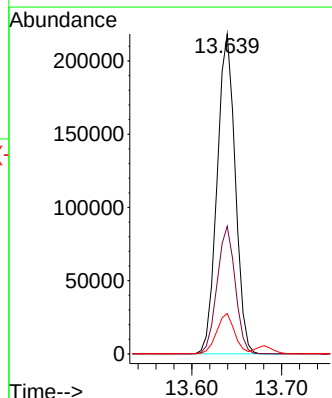
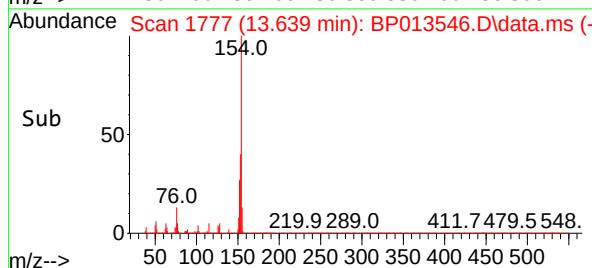
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

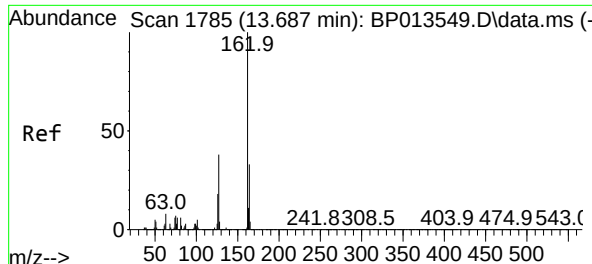


#46
1,1'-Biphenyl
Concen: 5.030 ng
RT: 13.639 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00



Tgt Ion:154 Resp: 308083
Ion Ratio Lower Upper
154 100
153 39.9 20.5 60.5
76 12.6 0.0 32.1





#47

2-Chloronaphthalene

Concen: 4.994 ng

RT: 13.681 min Scan# 1785

Delta R.T. -0.006 min

Lab File: BP013546.D

Acq: 23 Jan 2023 12:00

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:162 Resp: 229138

Ion Ratio Lower Upper

162 100

127 38.8 30.8 46.2

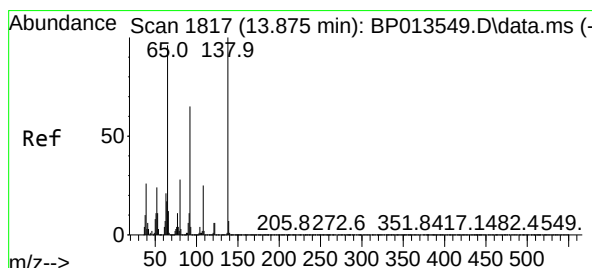
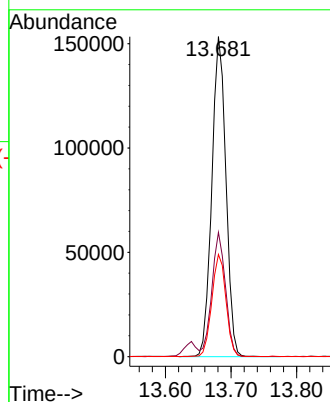
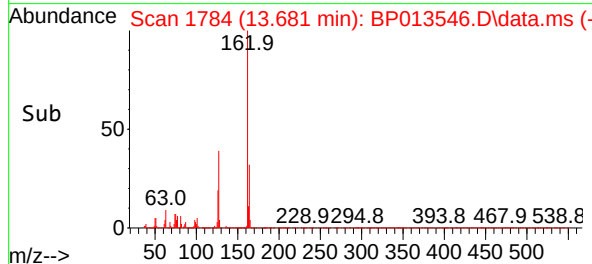
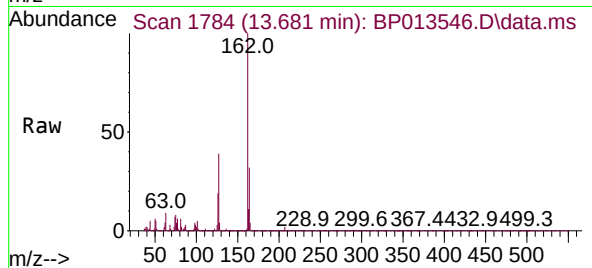
164 31.9 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#48

2-Nitroaniline

Concen: 2.602 ng

RT: 13.875 min Scan# 1817

Delta R.T. -0.000 min

Lab File: BP013546.D

Acq: 23 Jan 2023 12:00

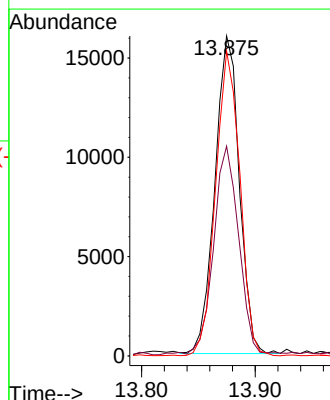
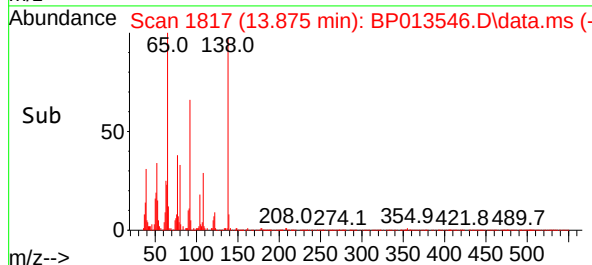
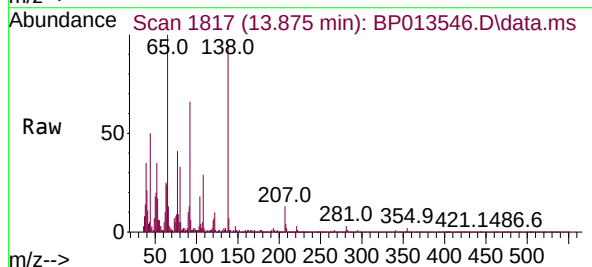
Tgt Ion: 65 Resp: 23889

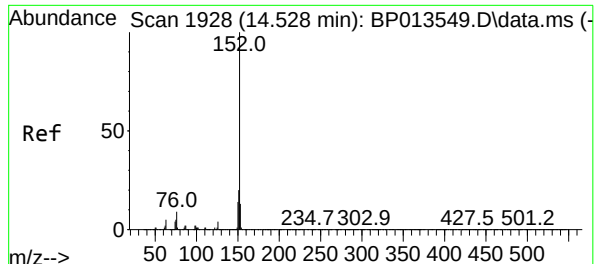
Ion Ratio Lower Upper

65 100

92 65.5 54.1 81.1

138 95.2 83.6 125.4





#49

Acenaphthylene

Concen: 4.907 ng

RT: 14.522 min Scan# 1928

Delta R.T. -0.006 min

Lab File: BP013546.D

Acq: 23 Jan 2023 12:00

Instrument :

BNA_P

ClientSampleId :

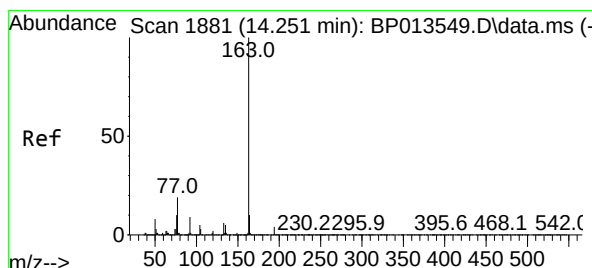
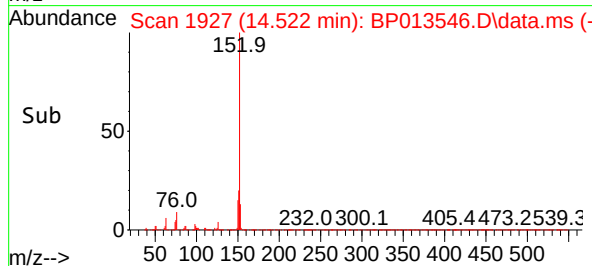
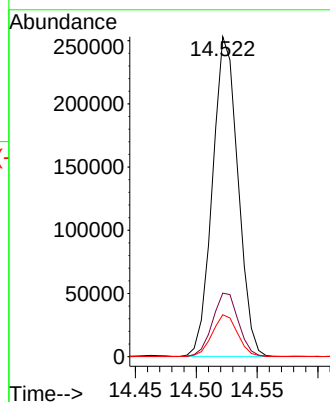
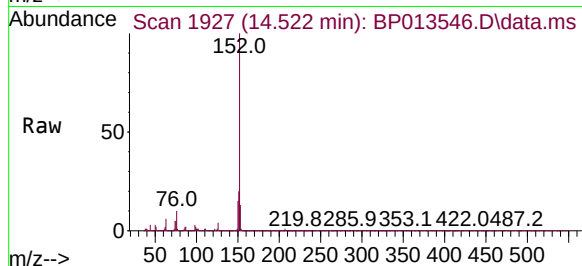
SSTDICC005

Tgt Ion:	152	Resp:	368173
Ion Ratio	Lower	Upper	
152	100		
151	19.8	16.1	24.1
153	13.1	10.1	15.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#50

Dimethylphthalate

Concen: 5.018 ng

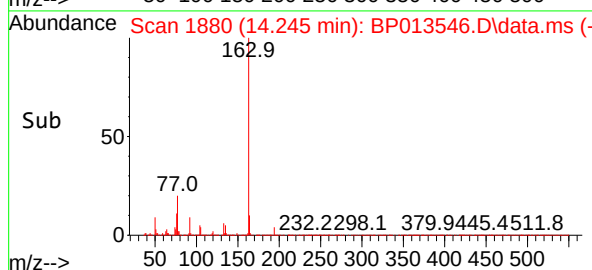
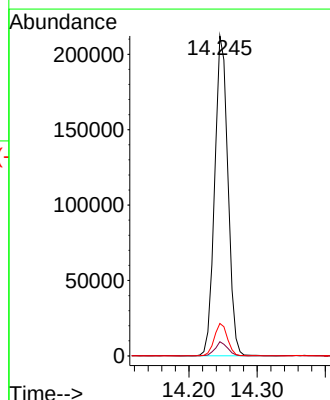
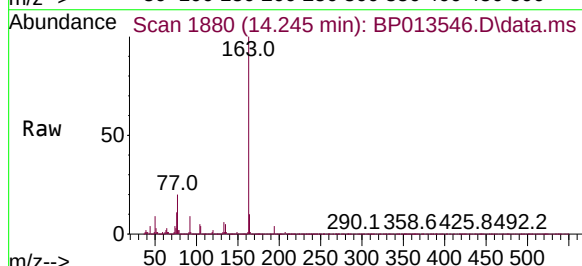
RT: 14.245 min Scan# 1880

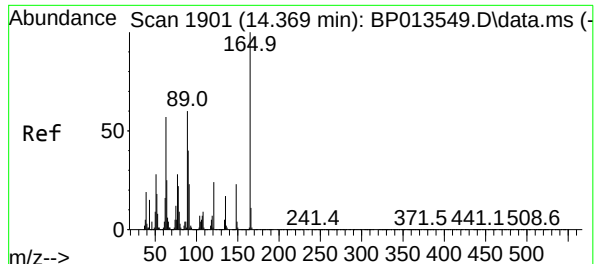
Delta R.T. -0.006 min

Lab File: BP013546.D

Acq: 23 Jan 2023 12:00

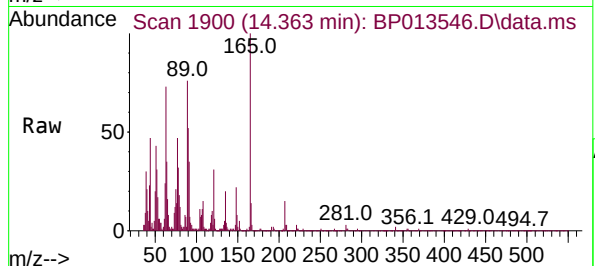
Tgt Ion:	163	Resp:	284473
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.2	4.8
164	10.1	8.1	12.1





#51
2,6-Dinitrotoluene
Concen: 2.610 ng
RT: 14.363 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

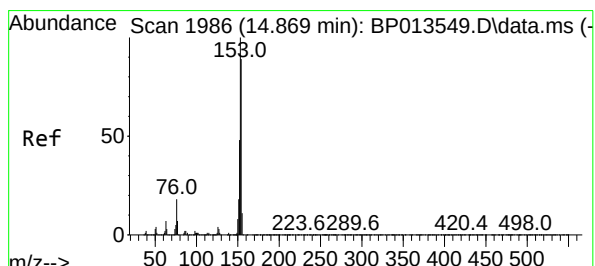
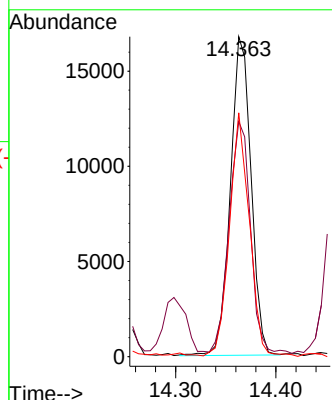
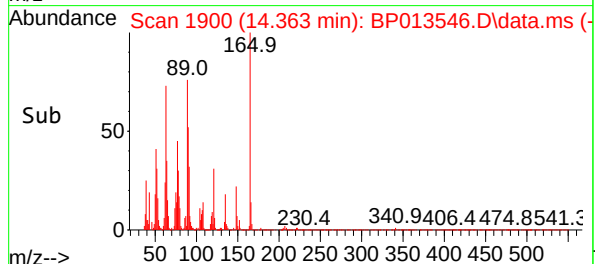
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:165 Resp: 23891
Ion Ratio Lower Upper
165 100
63 73.5 47.2 70.8
89 76.2 47.8 71.6

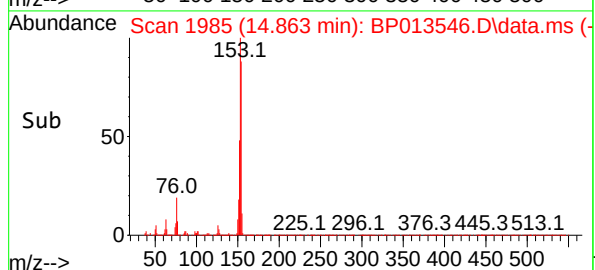
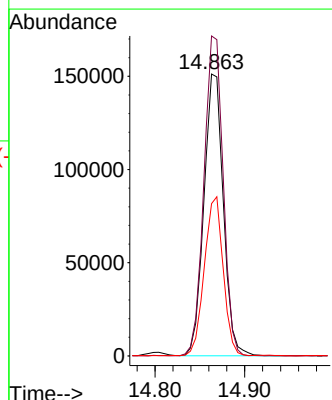
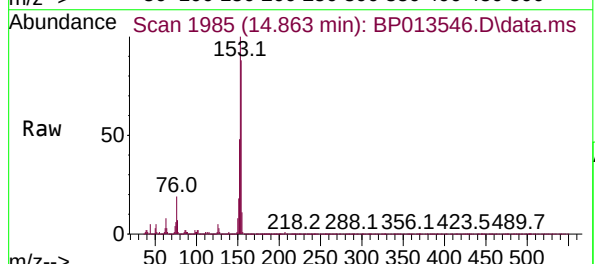
Manual Integrations
APPROVED

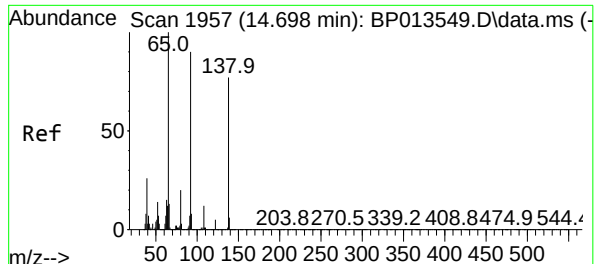
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#52
Acenaphthene
Concen: 4.924 ng
RT: 14.863 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

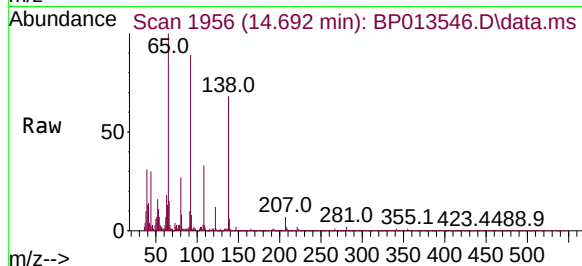
Tgt Ion:154 Resp: 228238
Ion Ratio Lower Upper
154 100
153 113.5 89.4 134.0
152 54.0 42.7 64.1





#53
3-Nitroaniline
Concen: 2.801 ng
RT: 14.692 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

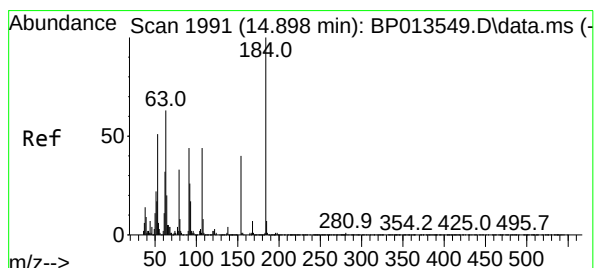
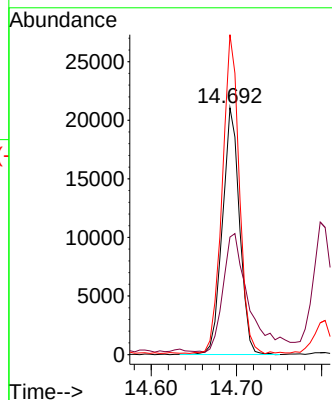
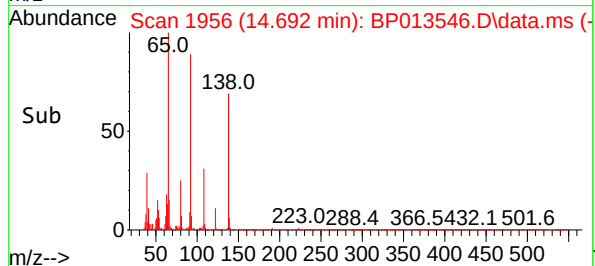
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:138 Resp: 29393
Ion Ratio Lower Upper
138 100
108 47.6 12.8 19.2#
92 129.7 93.3 139.9

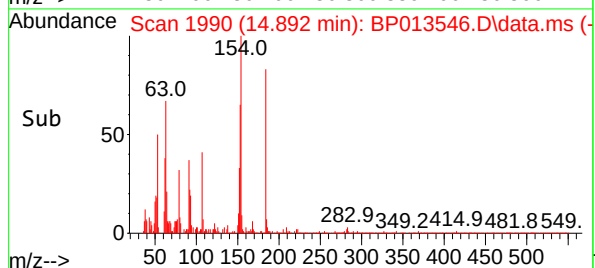
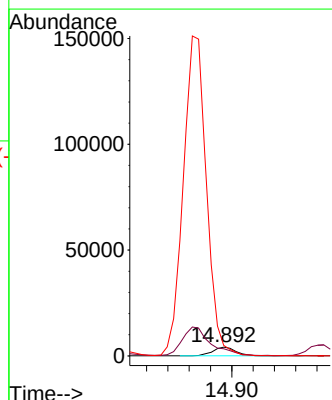
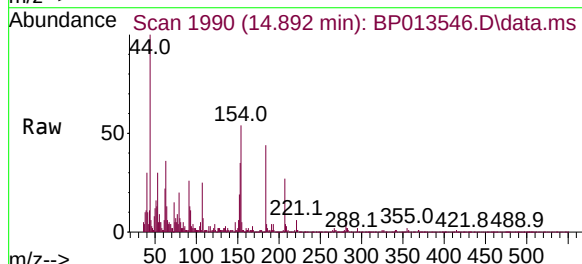
Manual Integrations
APPROVED

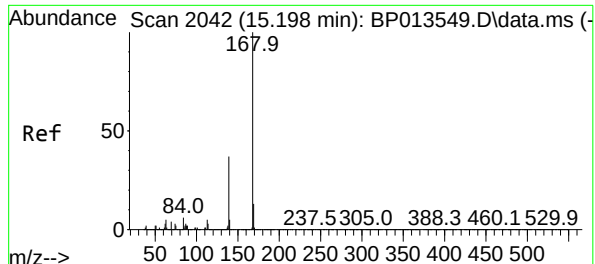
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#54
2,4-Dinitrophenol
Concen: 2.225 ng
RT: 14.892 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

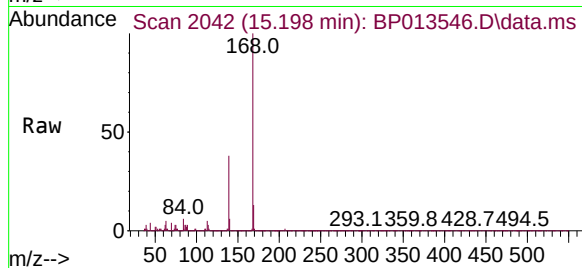
Tgt Ion:184 Resp: 6206
Ion Ratio Lower Upper
184 100
63 81.9 53.2 79.8#
154 120.9 54.4 81.6#





#55
Dibenzofuran
Concen: 5.109 ng
RT: 15.198 min Scan# 2042
Delta R.T. -0.000 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

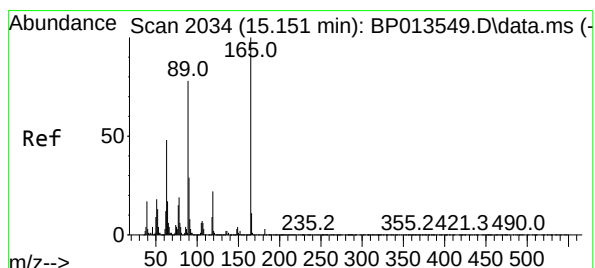
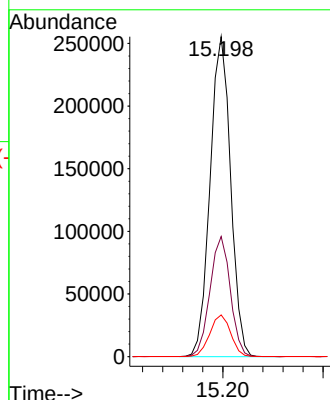
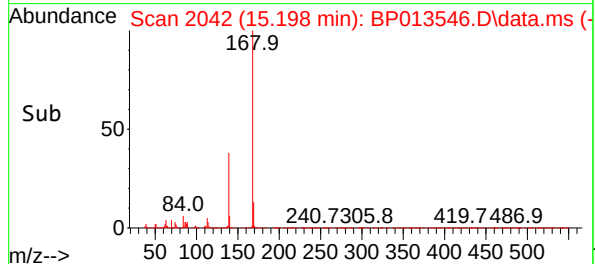
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:168 Resp: 363125
Ion Ratio Lower Upper
168 100
139 37.5 29.9 44.9
169 13.0 10.7 16.1

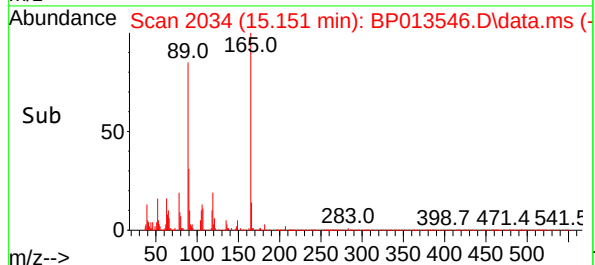
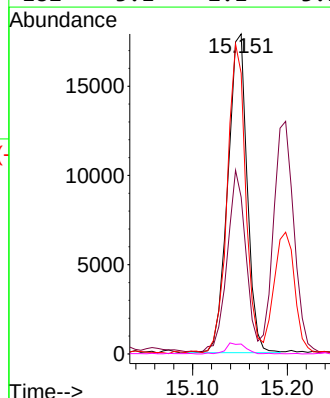
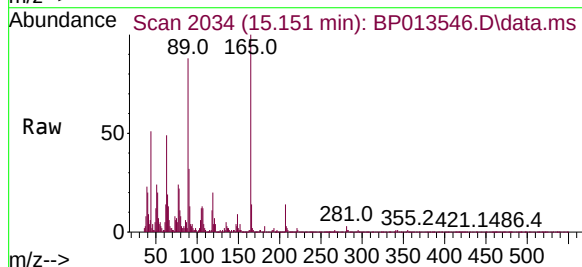
Manual Integrations
APPROVED

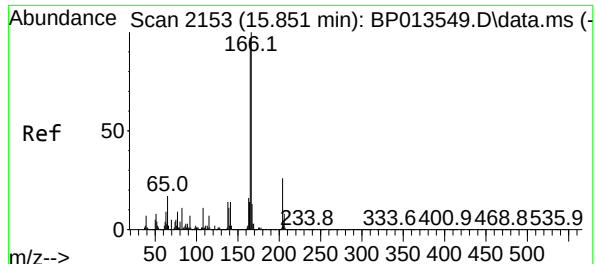
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#57
2,4-Dinitrotoluene
Concen: 2.301 ng
RT: 15.151 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

Tgt Ion:165 Resp: 25320
Ion Ratio Lower Upper
165 100
63 49.0 38.3 57.5
89 87.8 62.1 93.1
182 3.1 2.1 3.1





#58

Fluorene

Concen: 5.140 ng

RT: 15.845 min Scan# 2153

Delta R.T. -0.006 min

Lab File: BP013546.D

Acq: 23 Jan 2023 12:00

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:166 Resp: 290340

Ion Ratio Lower Upper

166 100

165 95.5 77.8 116.8

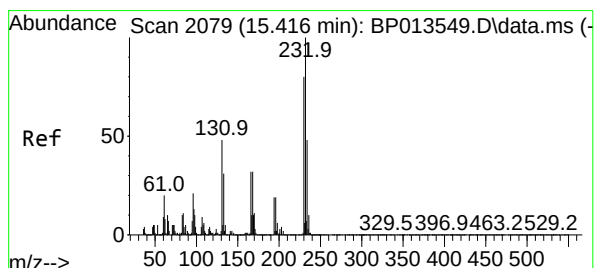
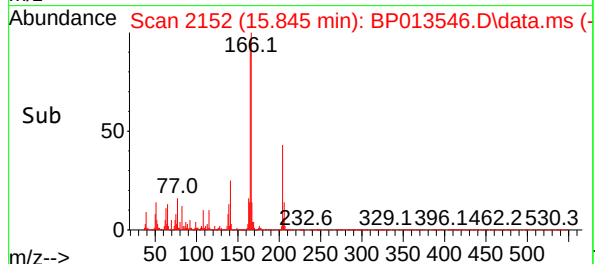
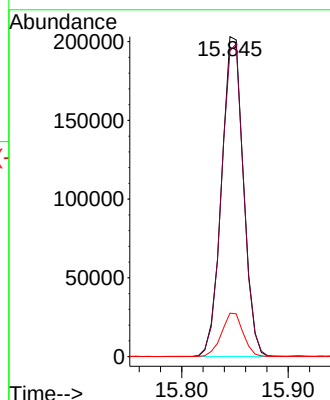
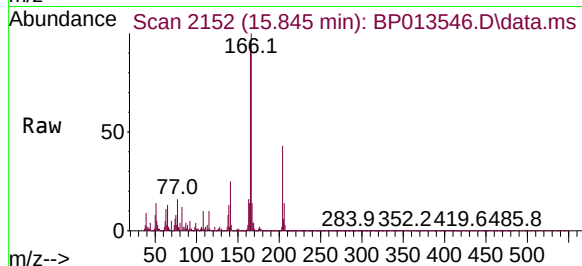
167 13.6 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#59

2,3,4,6-Tetrachlorophenol

Concen: 4.173 ng

RT: 15.416 min Scan# 2079

Delta R.T. -0.000 min

Lab File: BP013546.D

Acq: 23 Jan 2023 12:00

Tgt Ion:232 Resp: 52023

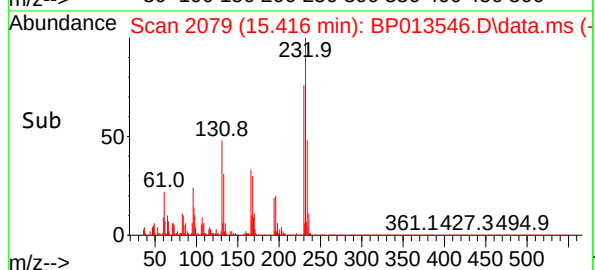
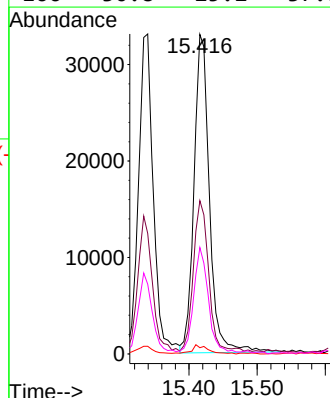
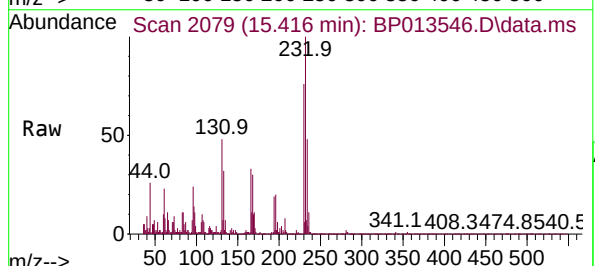
Ion Ratio Lower Upper

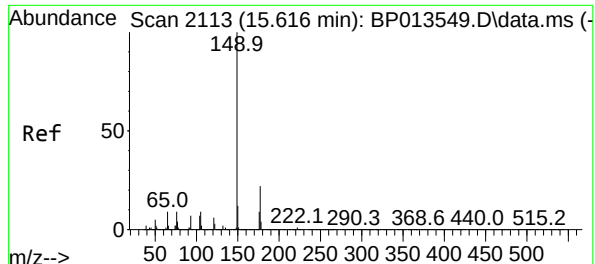
232 100

131 48.5 37.1 55.7

130 3.0 1.9 2.9#

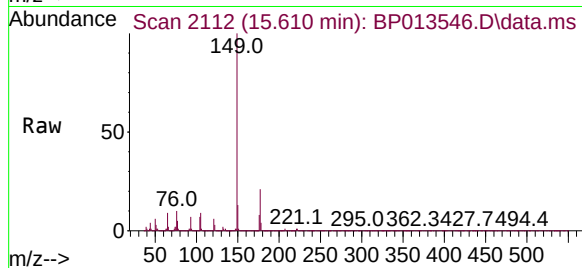
166 30.8 25.2 37.8





#60
Diethylphthalate
Concen: 5.065 ng
RT: 15.610 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

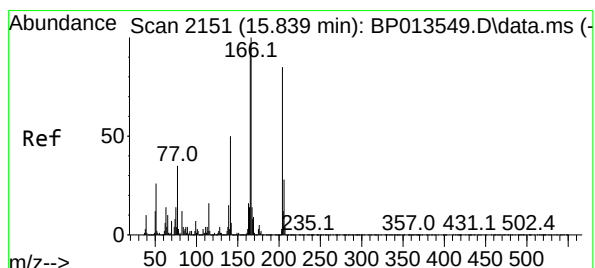
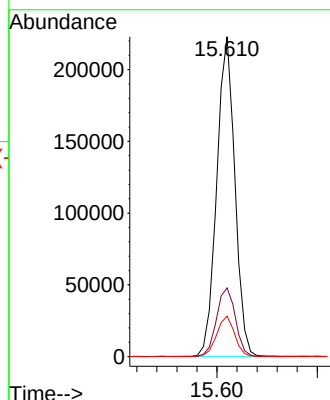
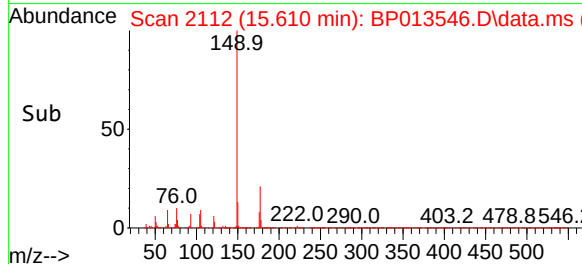
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:149 Resp: 280416
Ion Ratio Lower Upper
149 100
177 21.5 17.8 26.6
150 12.6 9.8 14.6

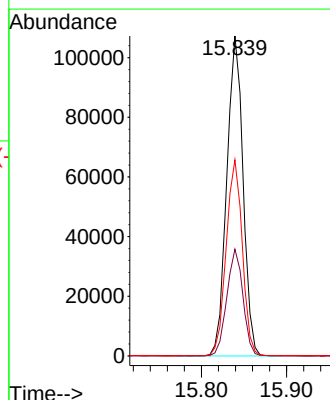
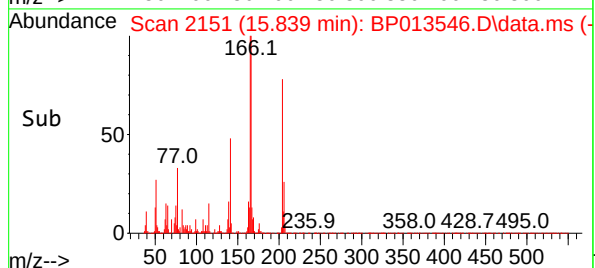
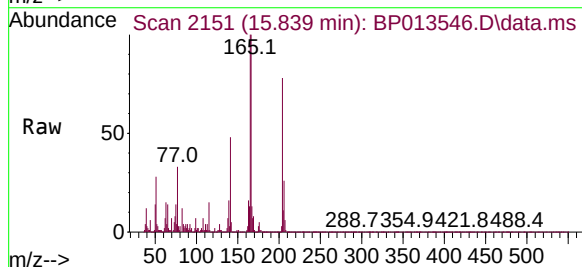
Manual Integrations
APPROVED

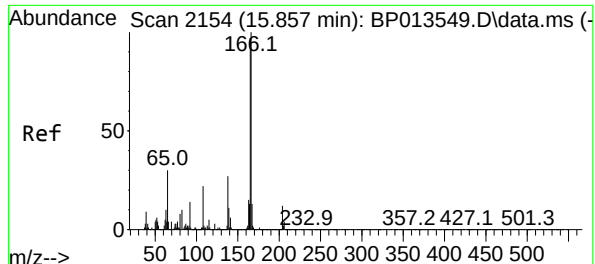
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#61
4-Chlorophenyl-phenylether
Concen: 5.116 ng
RT: 15.839 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

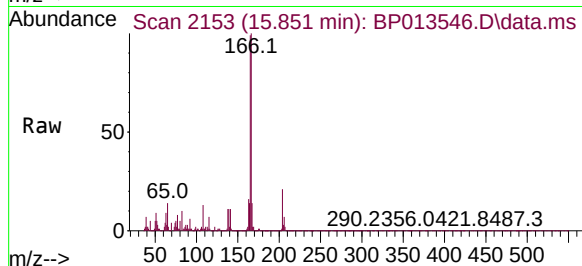
Tgt Ion:204 Resp: 142114
Ion Ratio Lower Upper
204 100
206 33.3 26.6 39.8
141 61.3 47.0 70.4





#62
4-Nitroaniline
Concen: 2.986 ng
RT: 15.851 min Scan# 2154
Delta R.T. -0.006 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

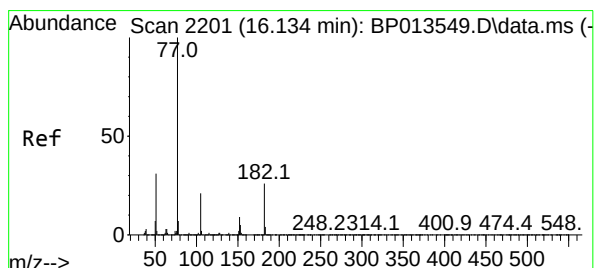
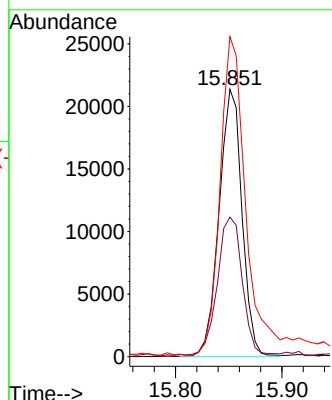
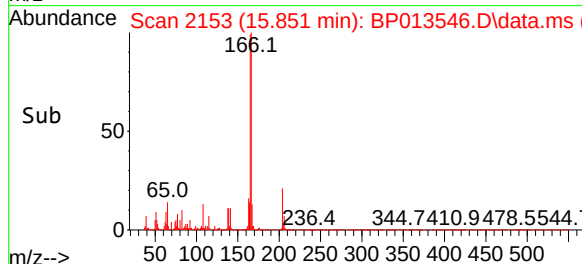
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:138 Resp: 31975
Ion Ratio Lower Upper
138 100
92 52.2 32.3 72.3
108 119.7 59.2 99.2

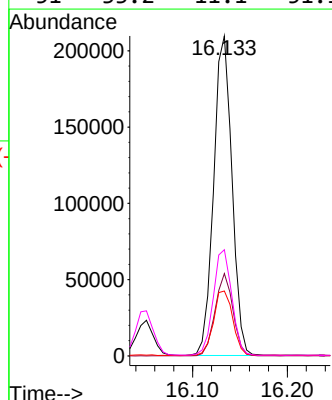
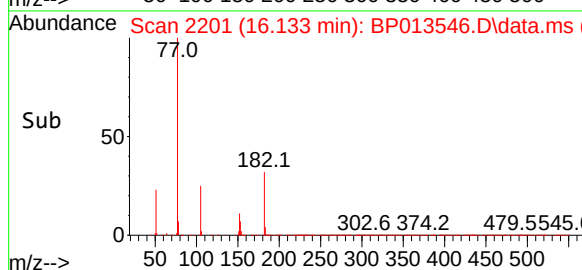
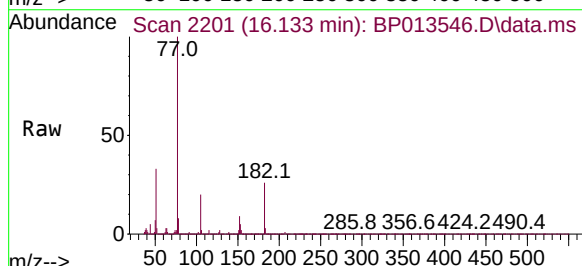
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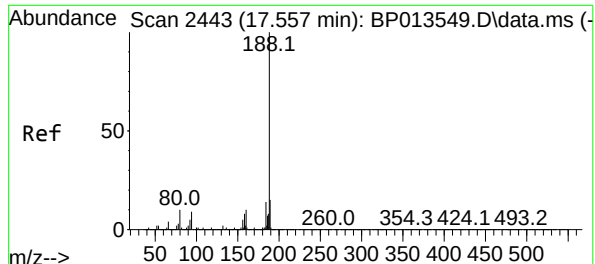
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#63
Azobenzene
Concen: 5.222 ng
RT: 16.133 min Scan# 2201
Delta R.T. -0.000 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

Tgt Ion: 77 Resp: 280967
Ion Ratio Lower Upper
77 100
182 25.7 5.5 45.5
105 20.3 1.4 41.4
51 33.2 11.1 51.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.557 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

Instrument :

BNA_P

ClientSampleId :

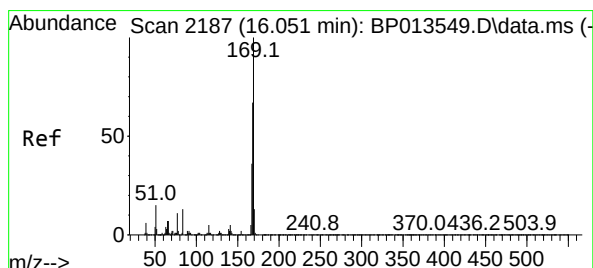
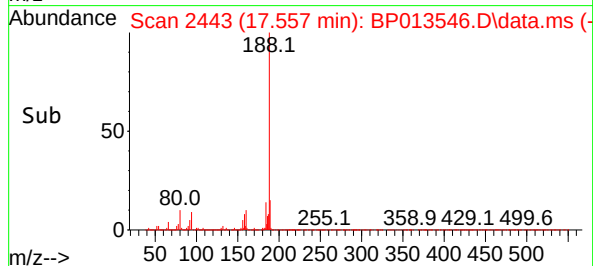
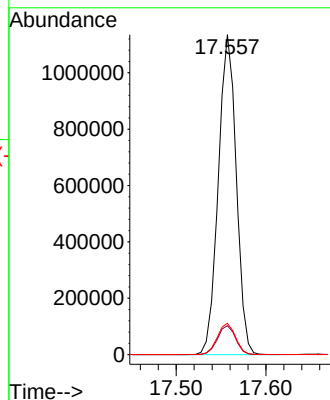
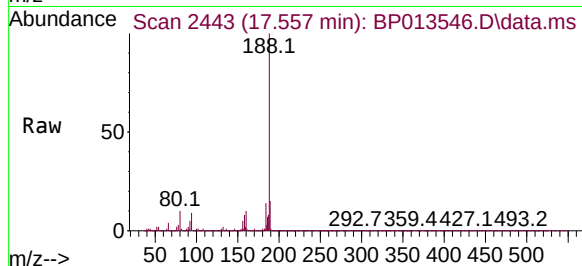
SSTDICC005

Tgt Ion:188 Resp: 1581100
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 9.8 8.2 12.2

Manual Integrations

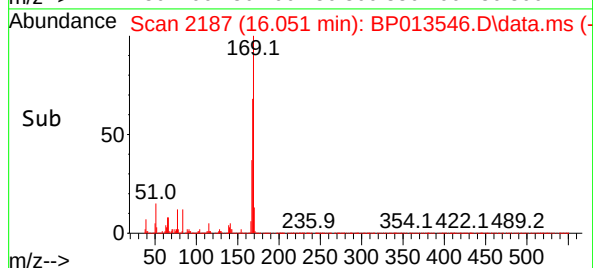
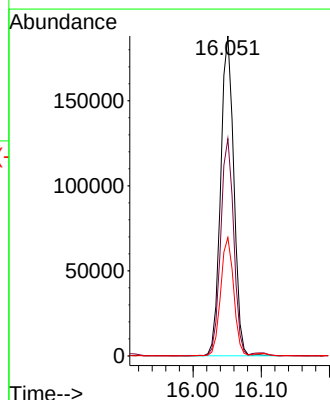
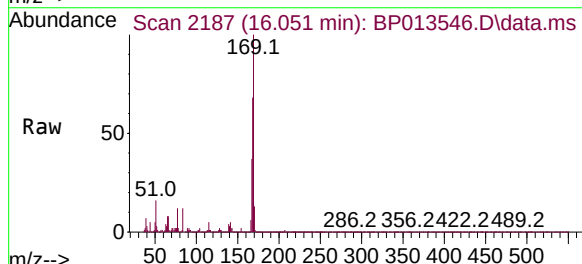
APPROVED

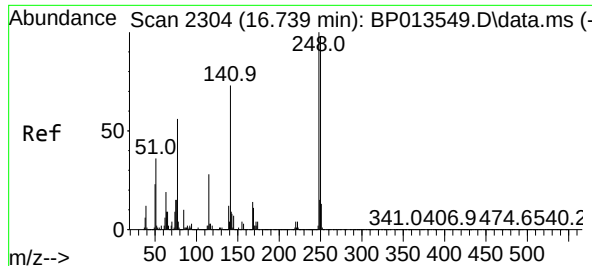
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#66
n-Nitrosodiphenylamine
Concen: 4.857 ng
RT: 16.051 min Scan# 2187
Delta R.T. -0.000 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

Tgt Ion:169 Resp: 250427
Ion Ratio Lower Upper
169 100
168 67.9 54.0 81.0
167 37.0 29.0 43.6





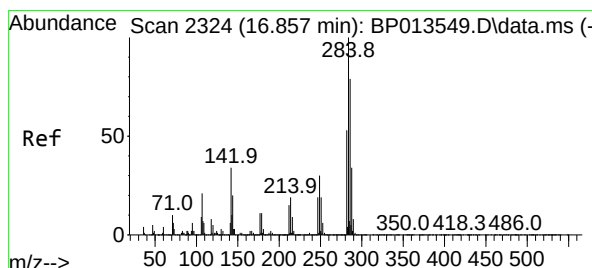
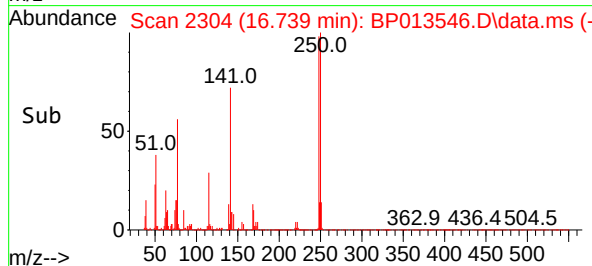
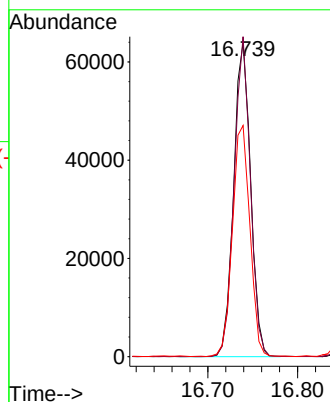
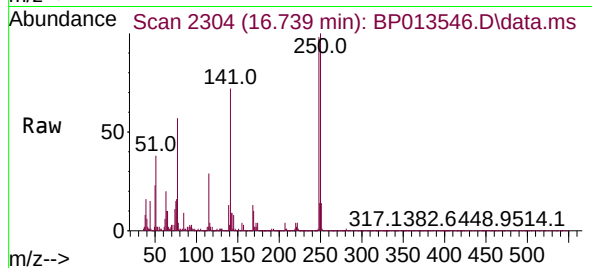
#67
4-Bromophenyl-phenylether
Concen: 4.820 ng
RT: 16.739 min Scan# 2304
Delta R.T. -0.000 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:248 Resp: 84413
Ion Ratio Lower Upper
248 100
250 101.9 78.1 117.1
141 73.6 58.1 87.1

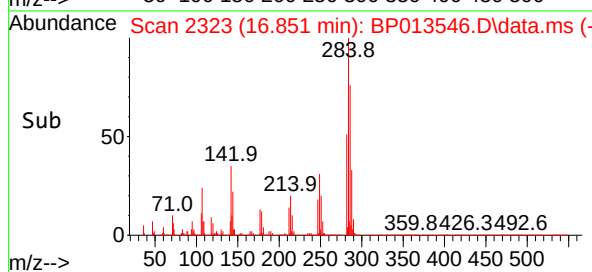
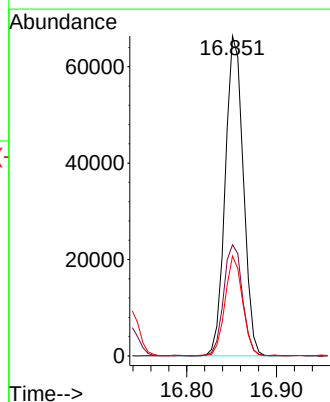
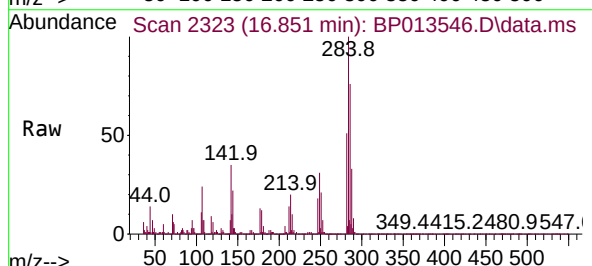
Manual Integrations
APPROVED

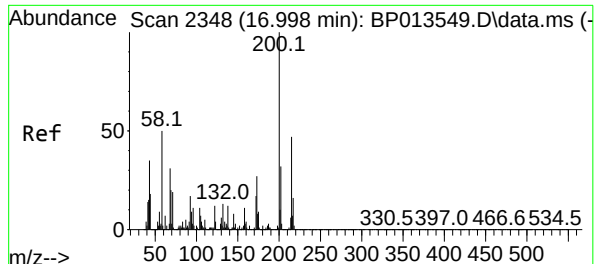
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#68
Hexachlorobenzene
Concen: 4.916 ng
RT: 16.851 min Scan# 2323
Delta R.T. -0.006 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

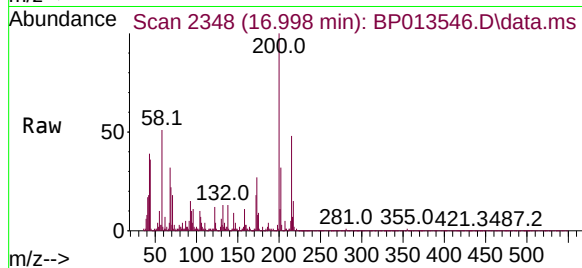
Tgt Ion:284 Resp: 93008
Ion Ratio Lower Upper
284 100
142 34.7 27.3 40.9
249 31.2 24.0 36.0





#69
Atrazine
Concen: 4.673 ng
RT: 16.998 min Scan# 2348
Delta R.T. -0.000 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

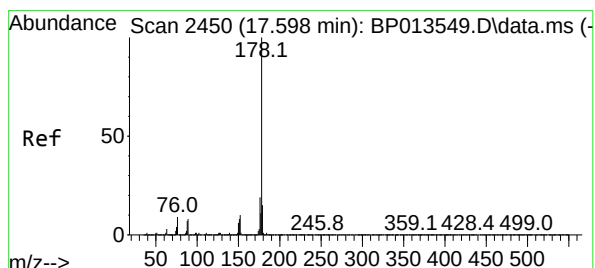
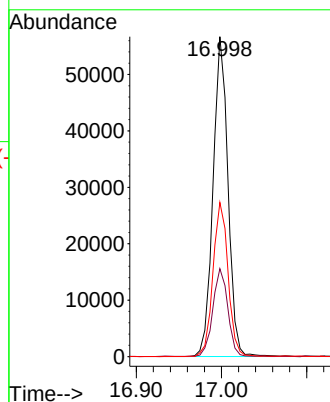
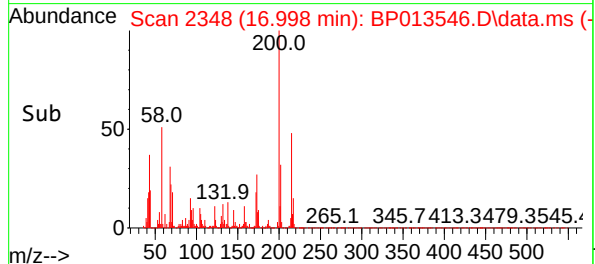
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:200 Resp: 68946
Ion Ratio Lower Upper
200 100
173 27.5 7.2 47.2
215 48.2 27.3 67.3

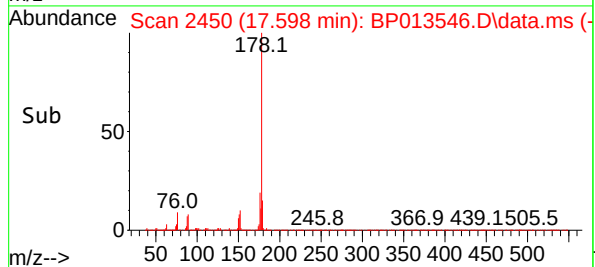
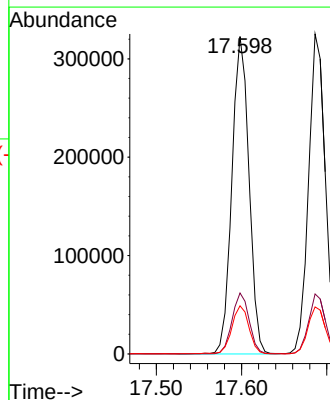
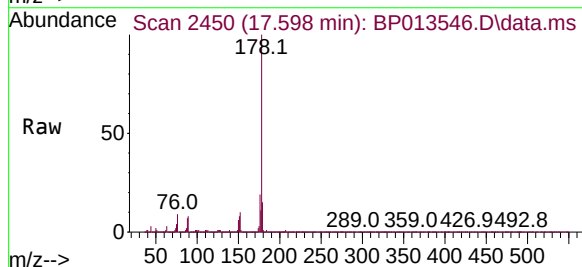
Manual Integrations
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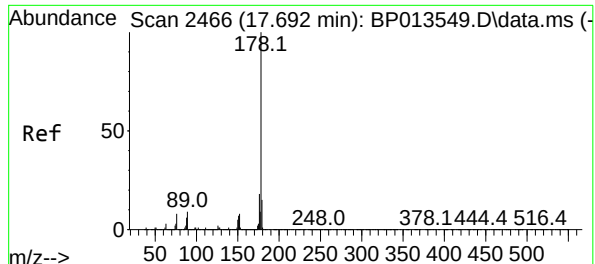
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#71
Phenanthrene
Concen: 5.097 ng
RT: 17.598 min Scan# 2450
Delta R.T. -0.000 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

Tgt Ion:178 Resp: 448418
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.1 12.2 18.4





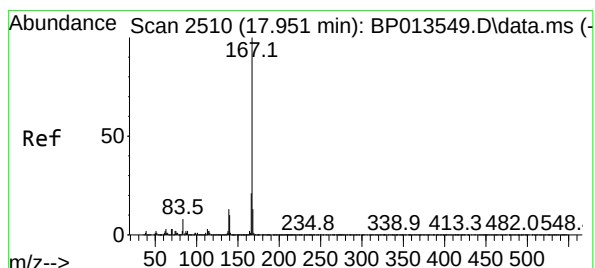
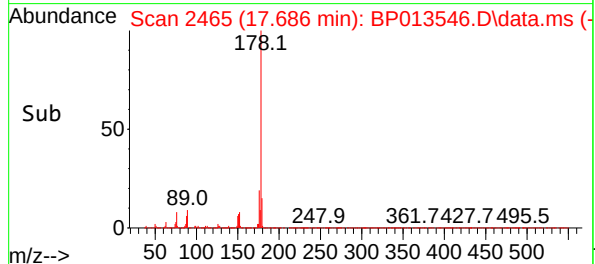
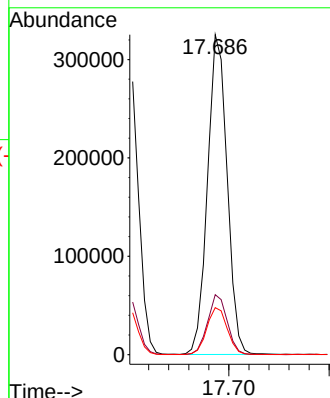
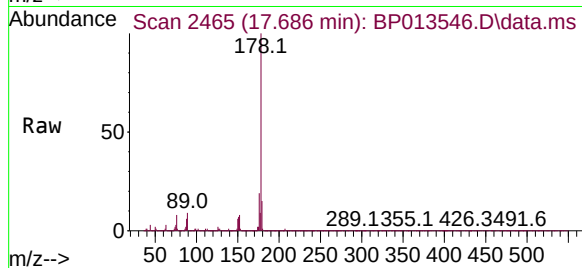
#72
 Anthracene
 Concen: 4.934 ng
 RT: 17.686 min Scan# 2465
 Delta R.T. -0.006 min
 Lab File: BP013546.D
 Acq: 23 Jan 2023 12:00

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005

Tgt Ion:178 Resp: 440566
 Ion Ratio Lower Upper
 178 100
 176 18.8 14.6 22.0
 179 14.7 12.3 18.5

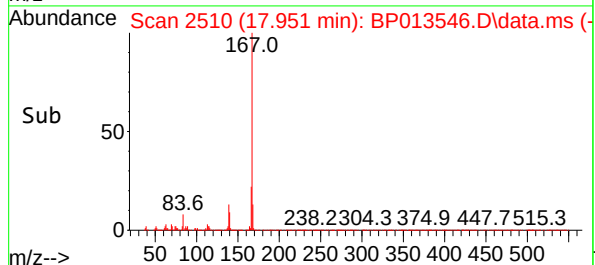
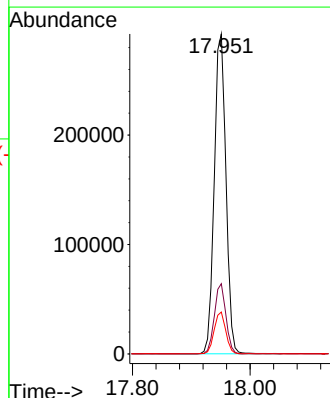
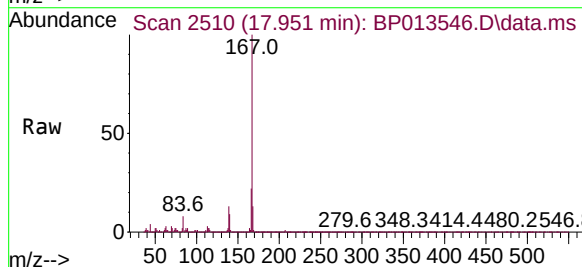
Manual Integrations
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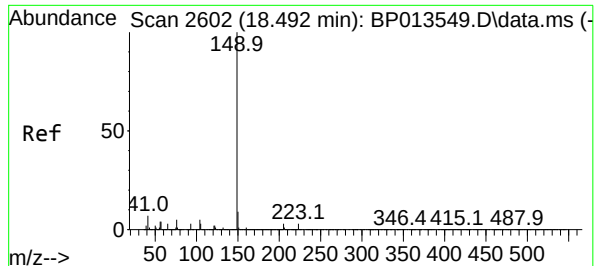
Reviewed By :Christian Giraldo 01/24/2023
 Supervised By :Jagrut Upadhyay 01/24/2023



#73
 Carbazole
 Concen: 5.015 ng
 RT: 17.951 min Scan# 2510
 Delta R.T. -0.000 min
 Lab File: BP013546.D
 Acq: 23 Jan 2023 12:00

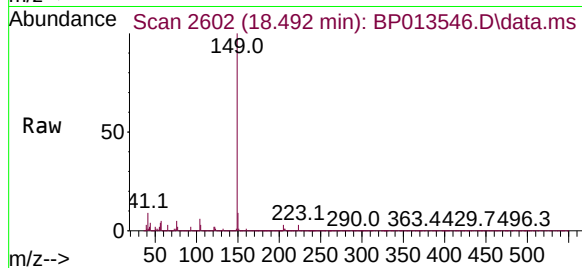
Tgt Ion:167 Resp: 402418
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 13.1 10.3 15.5





#74
Di-n-butylphthalate
Concen: 4.668 ng
RT: 18.492 min Scan# 2602
Delta R.T. -0.000 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

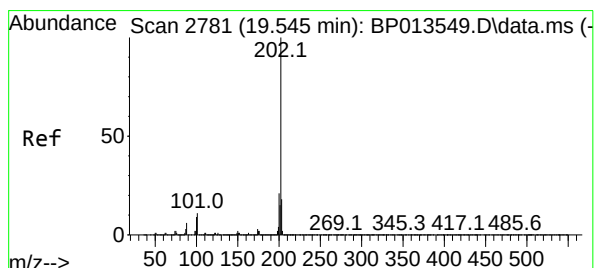
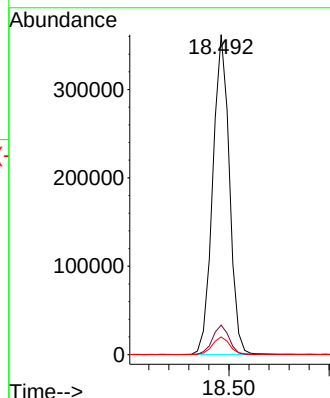
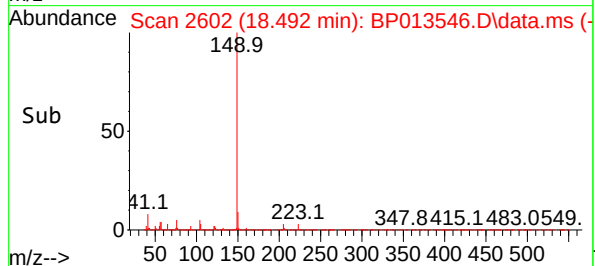
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:149 Resp: 416887
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 5.5 3.9 5.9

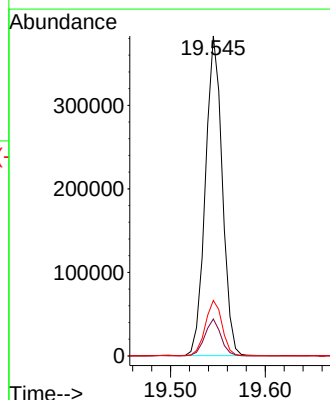
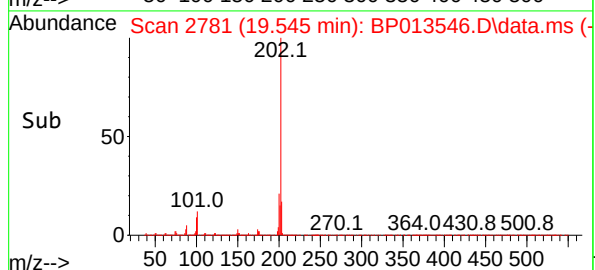
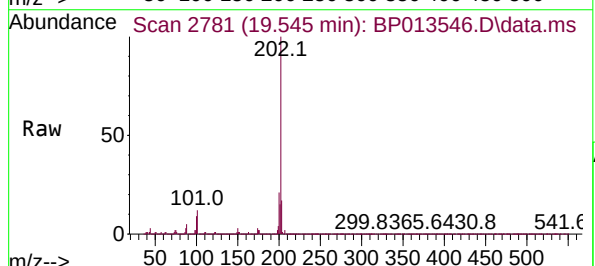
Manual Integrations
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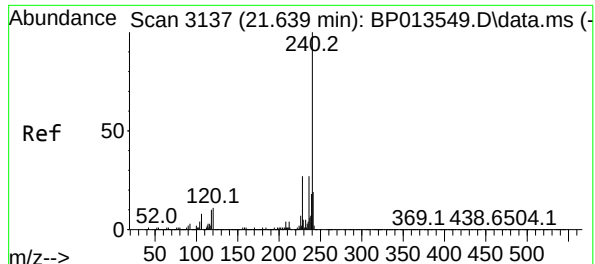
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#75
Fluoranthene
Concen: 5.070 ng
RT: 19.545 min Scan# 2781
Delta R.T. -0.000 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

Tgt Ion:202 Resp: 474307
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.4
203 17.3 0.0 37.9





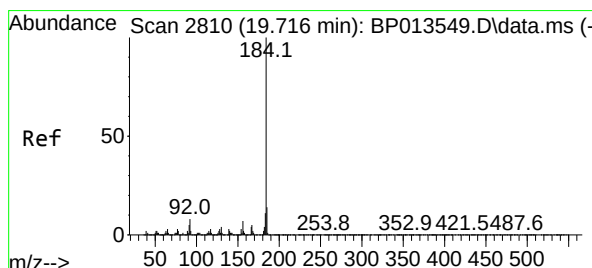
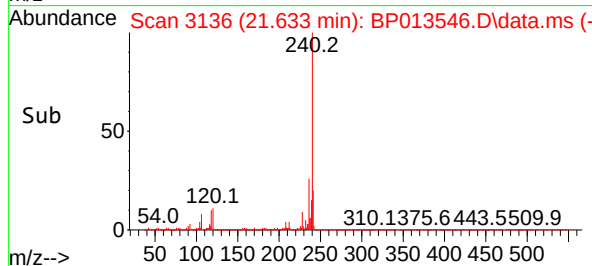
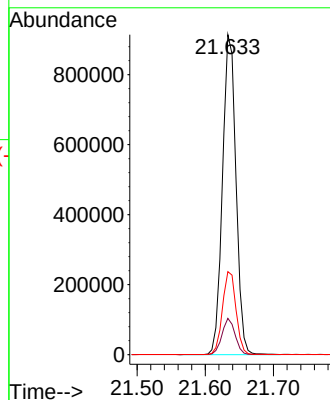
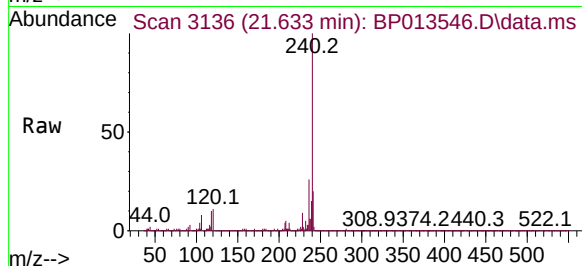
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.633 min Scan# 3137
Delta R.T. -0.006 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:240 Resp: 1245994
Ion Ratio Lower Upper
240 100
120 11.3 8.6 13.0
236 26.0 21.3 31.9

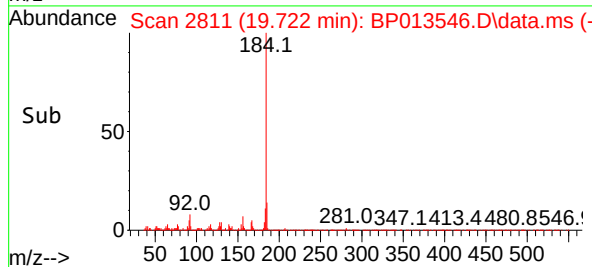
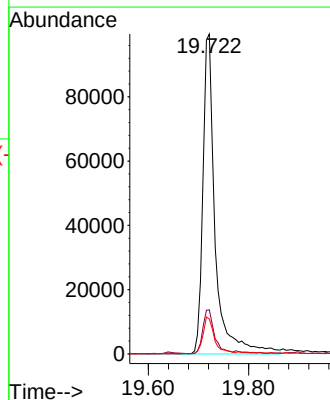
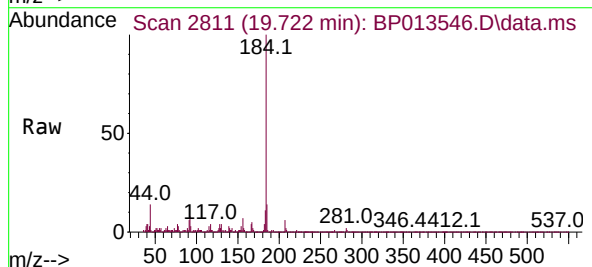
Manual Integrations
APPROVED

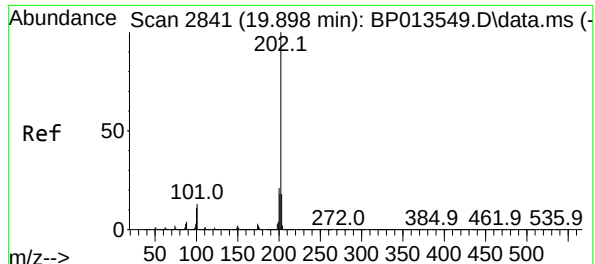
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#77
Benzidine
Concen: 5.427 ng
RT: 19.722 min Scan# 2811
Delta R.T. 0.006 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

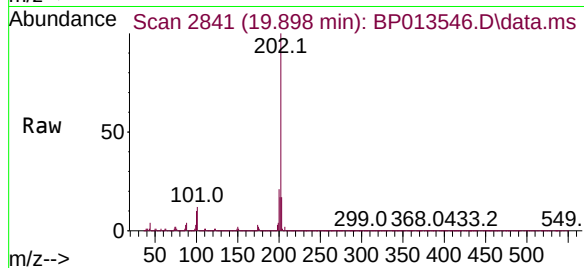
Tgt Ion:184 Resp: 170058
Ion Ratio Lower Upper
184 100
185 13.8 11.5 17.3
183 10.9 9.0 13.6





#78
Pyrene
Concen: 5.224 ng
RT: 19.898 min Scan# 2841
Delta R.T. -0.000 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

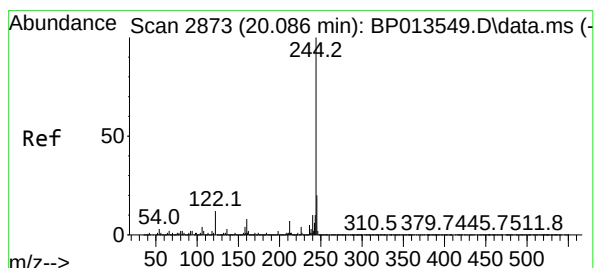
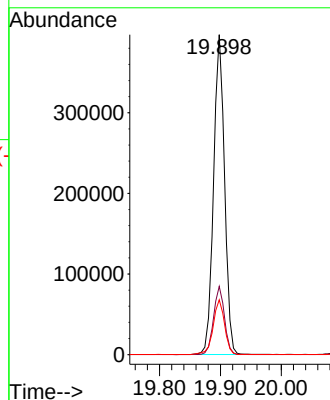
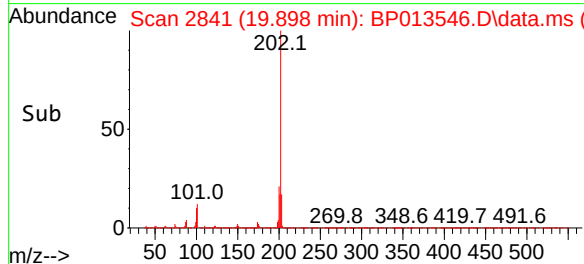
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 202 Resp: 497710
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.6
203 17.1 14.2 21.2

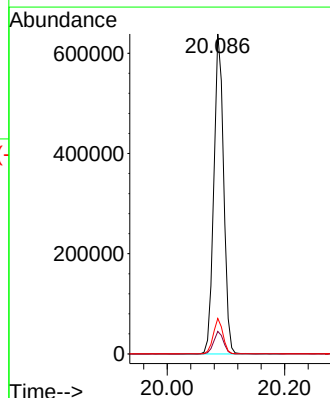
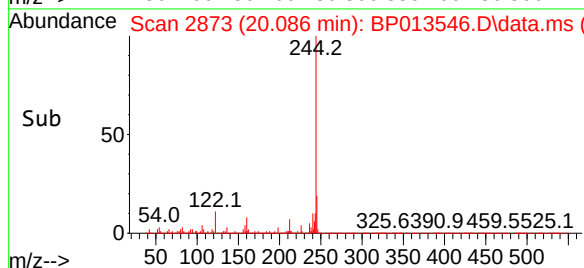
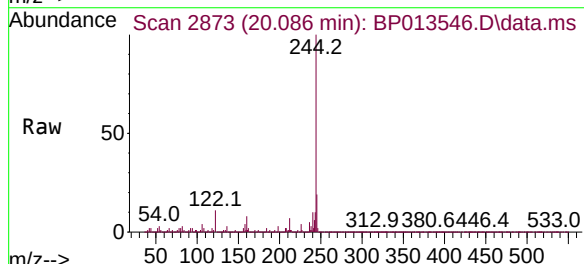
Manual Integrations
APPROVED

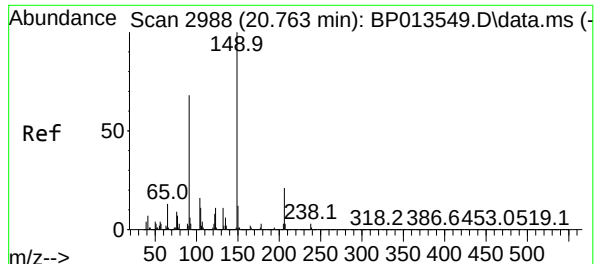
Reviewed By : Christian Giraldo 01/24/2023
Supervised By : Jagrut Upadhyay 01/24/2023



#79
Terphenyl-d14
Concen: 10.639 ng
RT: 20.086 min Scan# 2873
Delta R.T. -0.000 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

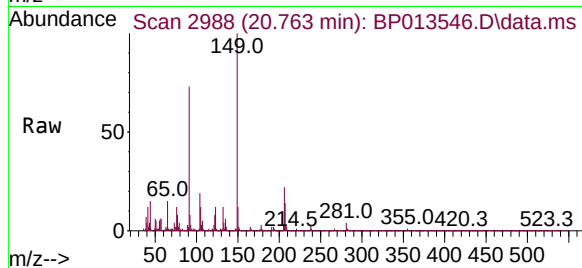
Tgt Ion: 244 Resp: 736879
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 11.1 9.2 13.8





#80
Butylbenzylphthalate
Concen: 4.006 ng
RT: 20.763 min Scan# 2988
Delta R.T. -0.000 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

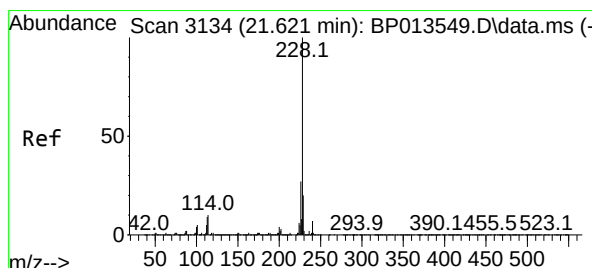
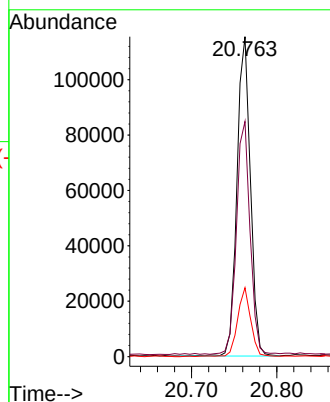
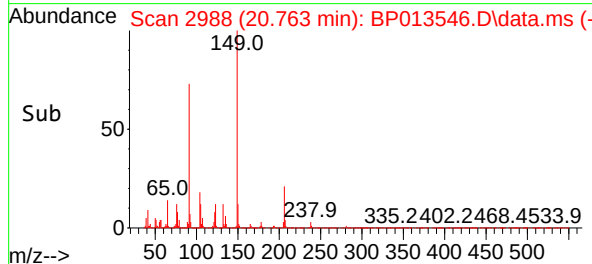
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:149 Resp: 125935
Ion Ratio Lower Upper
149 100
91 73.5 54.6 81.8
206 21.5 16.7 25.1

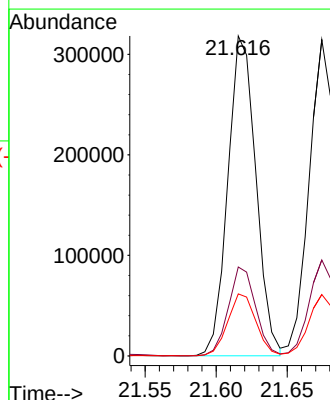
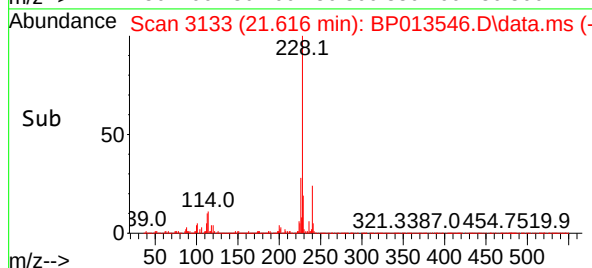
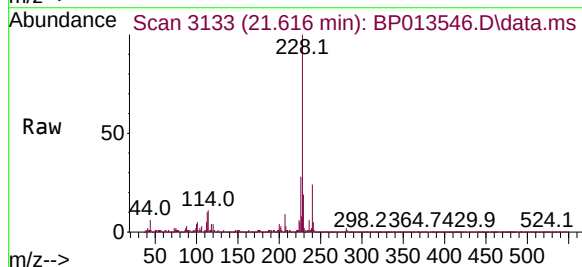
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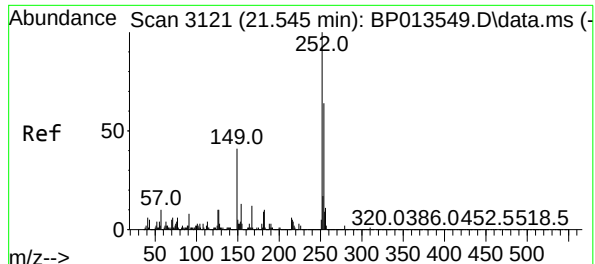
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#81
Benzo(a)anthracene
Concen: 5.035 ng
RT: 21.616 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

Tgt Ion:228 Resp: 437085
Ion Ratio Lower Upper
228 100
226 27.8 21.8 32.8
229 19.4 15.8 23.6





#82

3,3'-Dichlorobenzidine

Concen: 4.370 ng

RT: 21.539 min Scan# 3121

Delta R.T. -0.006 min

Lab File: BP013546.D

Acq: 23 Jan 2023 12:00

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:252 Resp: 122212

Ion Ratio Lower Upper

252 100

254 64.3 51.4 77.0

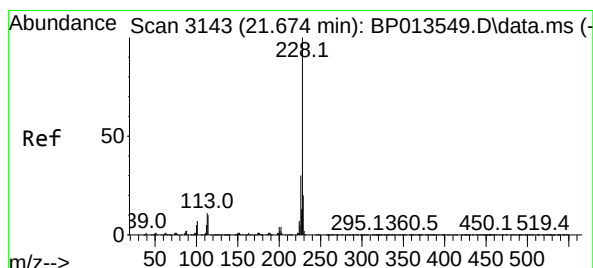
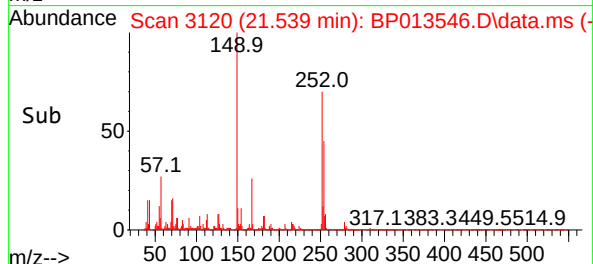
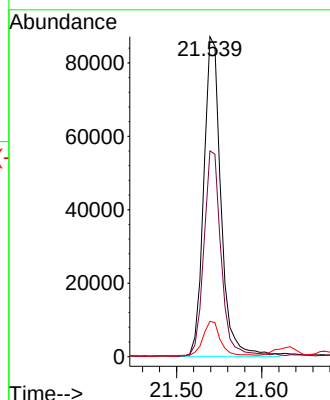
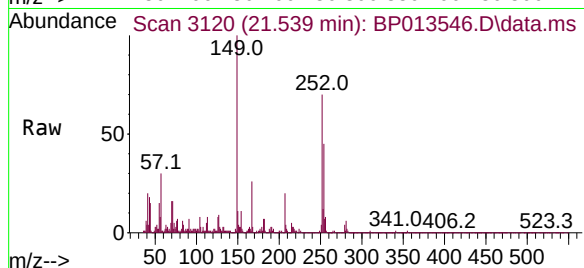
126 11.0 8.3 12.5

Manual Integrations

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Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#83

Chrysene

Concen: 5.015 ng

RT: 21.674 min Scan# 3143

Delta R.T. -0.000 min

Lab File: BP013546.D

Acq: 23 Jan 2023 12:00

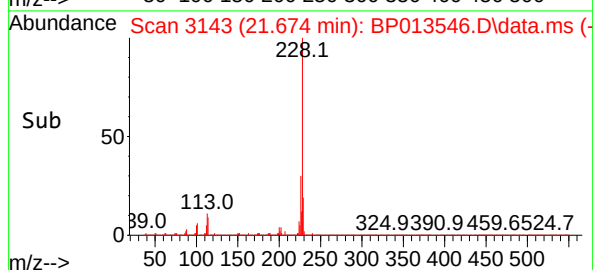
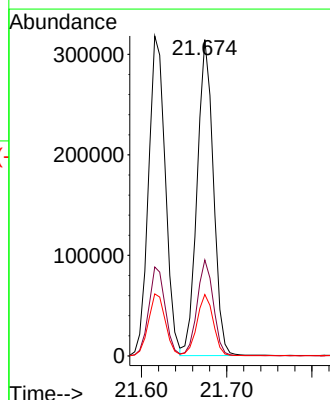
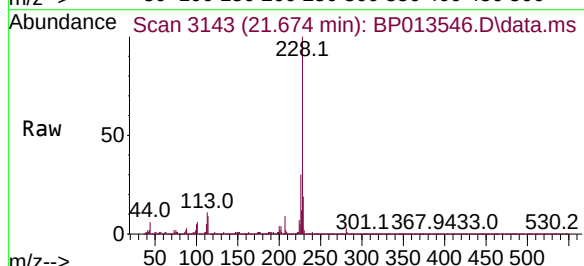
Tgt Ion:228 Resp: 416374

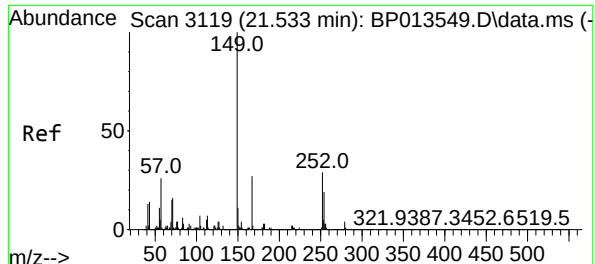
Ion Ratio Lower Upper

228 100

226 30.3 24.1 36.1

229 19.4 16.2 24.2





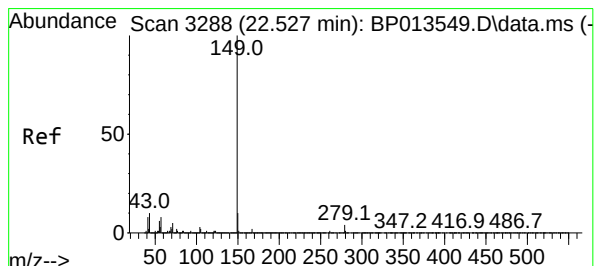
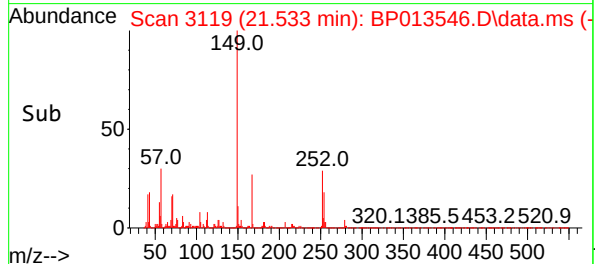
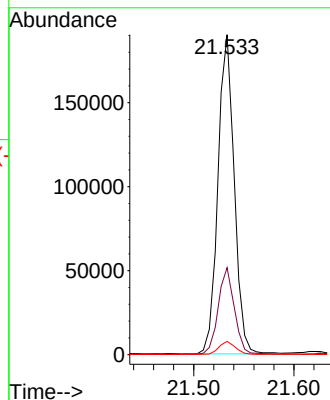
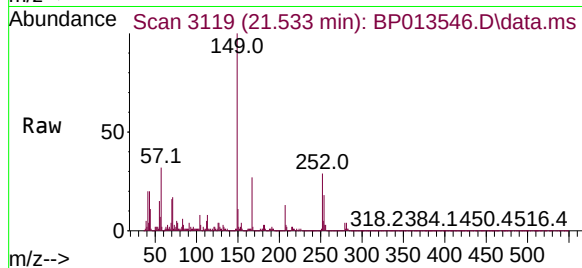
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.434 ng
RT: 21.533 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 215278
Ion Ratio Lower Upper
149 100
167 27.2 22.0 33.0
279 4.2 3.5 5.3

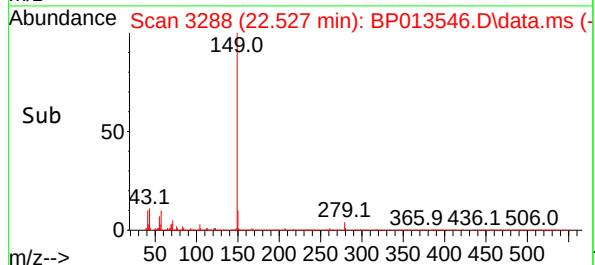
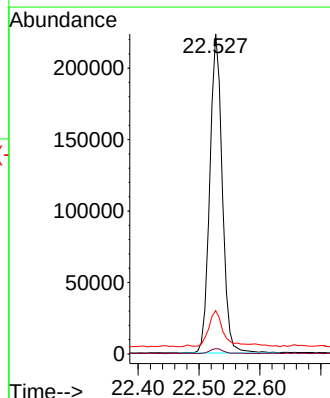
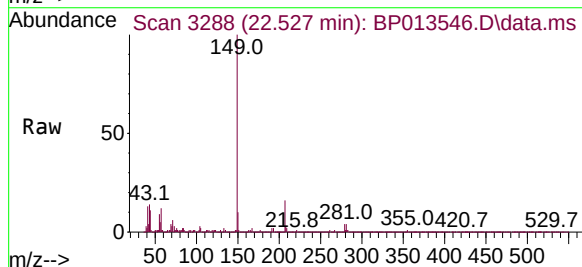
Manual Integrations
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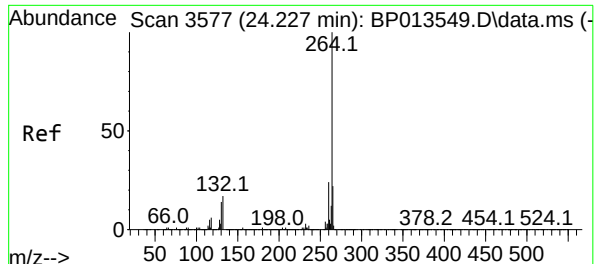
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#85
Di-n-octyl phthalate
Concen: 4.066 ng
RT: 22.527 min Scan# 3288
Delta R.T. -0.000 min
Lab File: BP013546.D
Acq: 23 Jan 2023 12:00

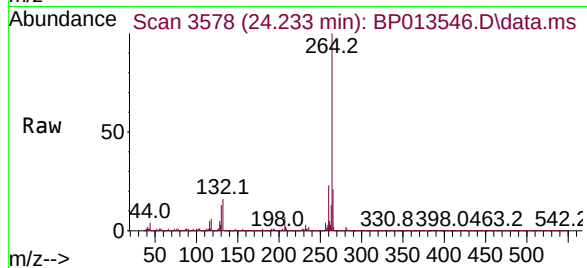
Tgt Ion:149 Resp: 318212
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 12.7 8.2 12.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.233 min Scan# 3577
 Delta R.T. 0.006 min
 Lab File: BP013546.D
 Acq: 23 Jan 2023 12:00

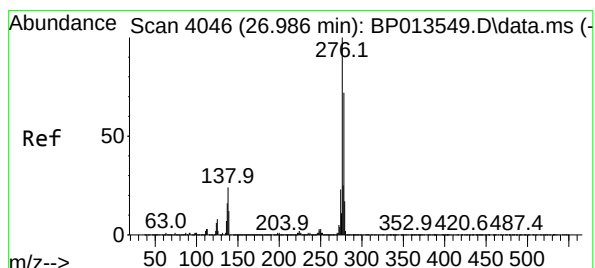
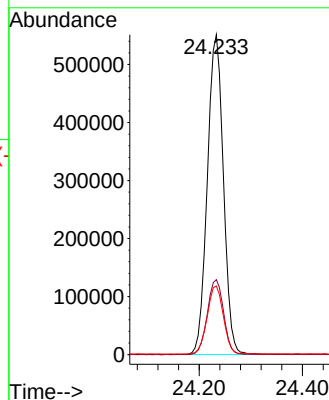
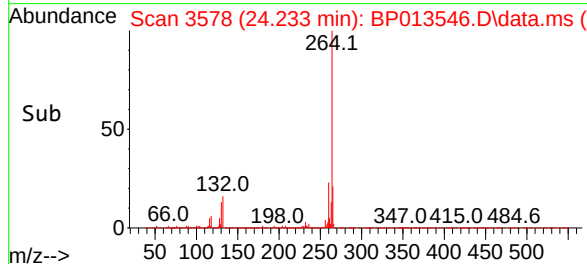
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005



Tgt Ion:264 Resp: 1189200
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.8 28.2
 265 21.4 17.4 26.2

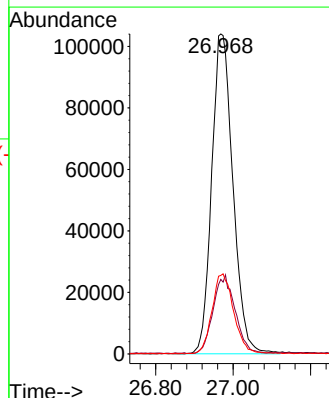
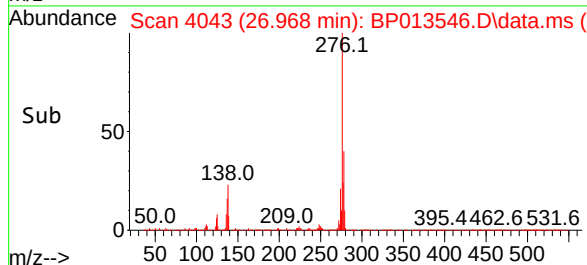
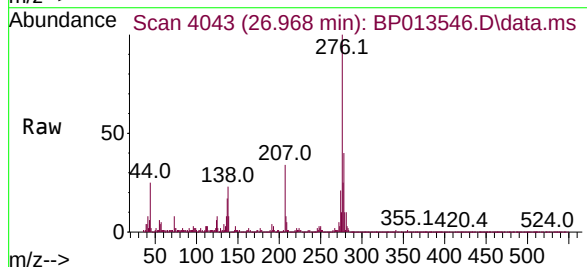
Manual Integrations
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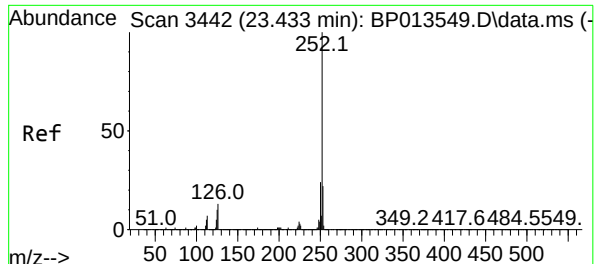
Reviewed By :Christian Giraldo 01/24/2023
 Supervised By :Jagrut Upadhyay 01/24/2023



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.522 ng
 RT: 26.968 min Scan# 4043
 Delta R.T. -0.018 min
 Lab File: BP013546.D
 Acq: 23 Jan 2023 12:00

Tgt Ion:276 Resp: 396104
 Ion Ratio Lower Upper
 276 100
 138 25.1 19.8 29.6
 277 25.4 20.2 30.4



#88
Benzo(b)fluoranthene

Concen: 4.888 ng

RT: 23.433 min Scan# 3442

Delta R.T. -0.000 min

Lab File: BP013546.D

Acq: 23 Jan 2023 12:00

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:252 Resp: 357560

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

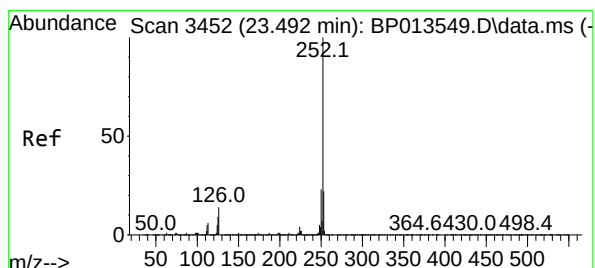
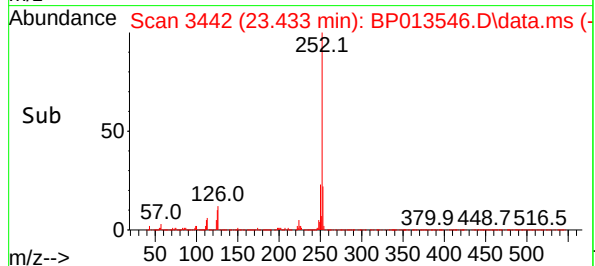
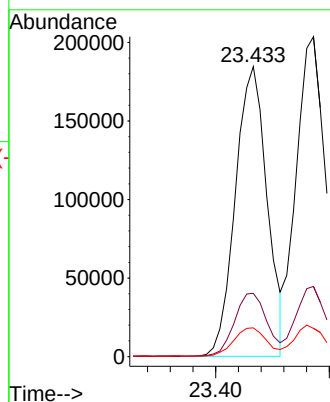
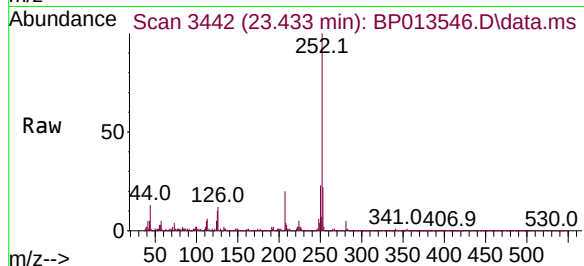
125 9.9 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#89

Benzo(k)fluoranthene

Concen: 4.979 ng

RT: 23.486 min Scan# 3451

Delta R.T. -0.006 min

Lab File: BP013546.D

Acq: 23 Jan 2023 12:00

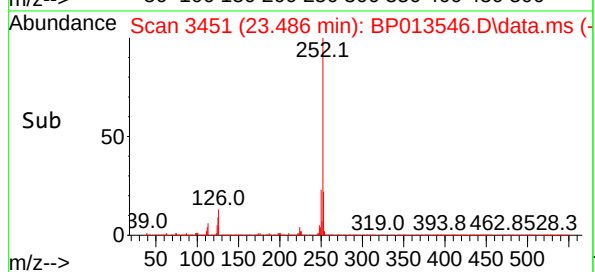
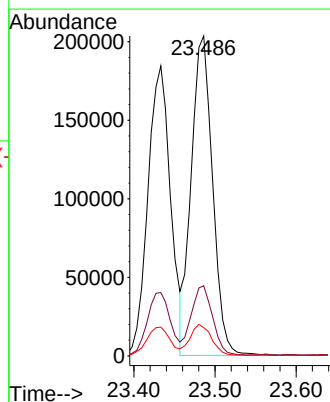
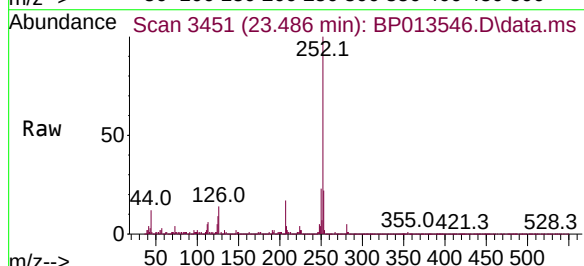
Tgt Ion:252 Resp: 371518

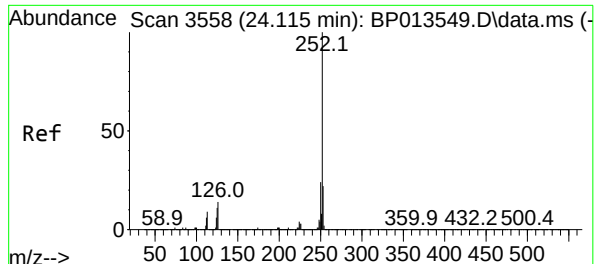
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 8.8 7.5 11.3





#90

Benzo(a)pyrene

Concen: 4.833 ng

RT: 24.115 min Scan# 3558

Delta R.T. -0.000 min

Lab File: BP013546.D

Acq: 23 Jan 2023 12:00

Instrument :

BNA_P

ClientSampleId :

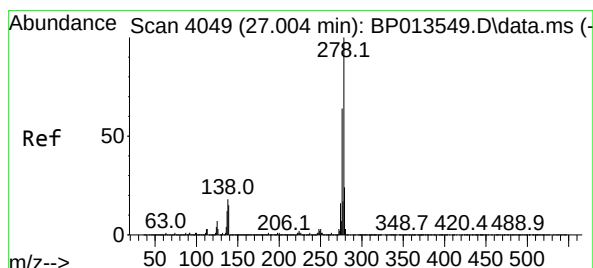
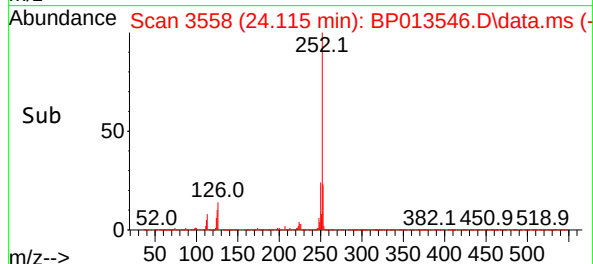
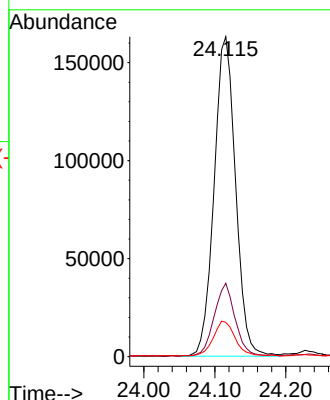
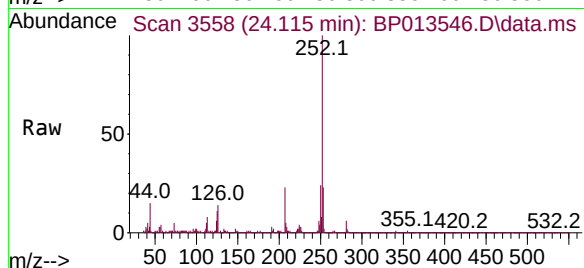
SSTDICC005

Tgt Ion:	252	Resp:	343013
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.7	26.5
125	10.7	8.9	13.3

Manual Integrations

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Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#91

Dibenzo(a,h)anthracene

Concen: 4.454 ng

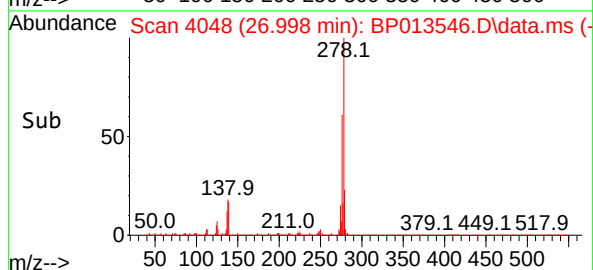
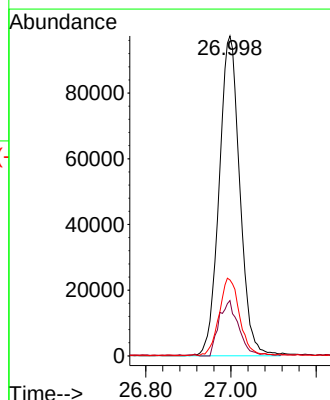
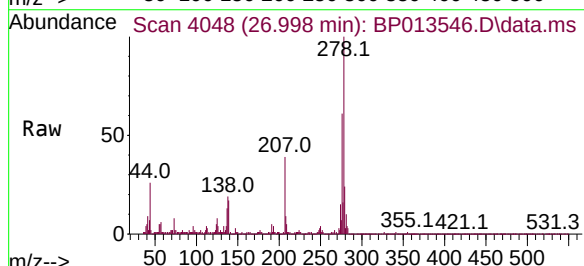
RT: 26.998 min Scan# 4048

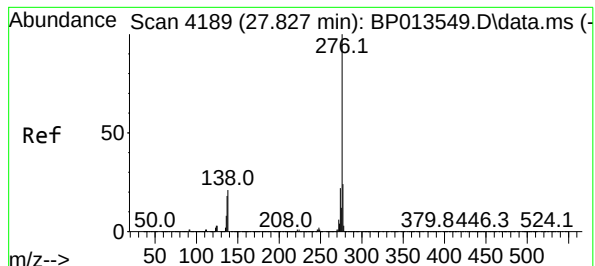
Delta R.T. -0.006 min

Lab File: BP013546.D

Acq: 23 Jan 2023 12:00

Tgt Ion:	278	Resp:	327215
Ion Ratio	Lower	Upper	
278	100		
139	17.3	12.3	18.5
279	23.7	19.0	28.6





#92

Benzo(g,h,i)perylene

Concen: 3.724 ng

RT: 27.809 min Scan# 41

Delta R.T. -0.018 min

Lab File: BP013546.D

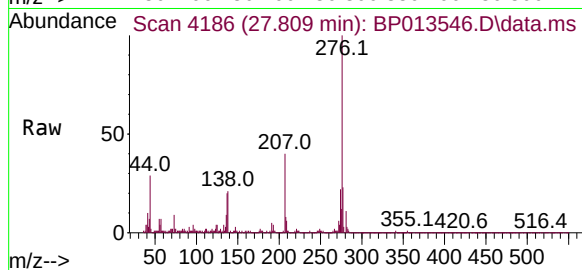
Acq: 23 Jan 2023 12:00

Instrument :

BNA_P

ClientSampleId :

SSTDICC005



Tgt Ion: 276 Resp: 326222

Ion Ratio Lower Upper

276 100

277 23.2 19.0 28.6

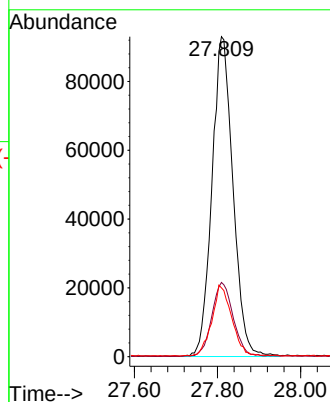
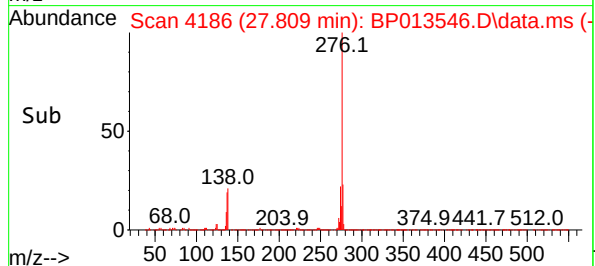
138 21.5 16.6 25.0

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 01/24/2023

Supervised By : Jagrut Upadhyay 01/24/2023



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
 Data File : BP013547.D
 Acq On : 23 Jan 2023 12:34
 Operator : CG/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC010

Manual Integrations
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Reviewed By : Christian Giraldo 01/24/2023
 Supervised By : Jagrut Upadhyay 01/24/2023

Quant Time: Jan 24 03:03:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 03:01:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.163	152	298822	20.000	ng	0.00
21) Naphthalene-d8	10.999	136	1247030	20.000	ng	0.00
39) Acenaphthene-d10	14.804	164	733503	20.000	ng	0.00
64) Phenanthrene-d10	17.557	188	1433151	20.000	ng	0.00
76) Chrysene-d12	21.633	240	1056785	20.000	ng	0.00
86) Perylene-d12	24.233	264	1104363	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	338366	19.401	ng	0.00
7) Phenol-d6	7.299	99	452892	19.294	ng	0.00
23) Nitrobenzene-d5	9.334	82	317907	16.830	ng	0.00
42) 2,4,6-Tribromophenol	16.286	330	125860	16.458	ng	0.00
45) 2-Fluorobiphenyl	13.428	172	1062261	19.879	ng	0.00
79) Terphenyl-d14	20.086	244	1188105	20.225	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.534	88	72336	10.288	ng	99
3) Pyridine	3.940	79	204973	9.850	ng	98
4) n-Nitrosodimethylamine	3.852	42	95476	10.117	ng	# 93
6) Aniline	7.475	93	311786	9.888	ng	100
8) 2-Chlorophenol	7.722	128	186351	9.683	ng	100
9) Benzaldehyde	7.287	77	158529	12.460	ng	96
10) Phenol	7.328	94	237242	9.755	ng	97
11) bis(2-Chloroethyl)ether	7.575	93	198264	9.970	ng	99
12) 1,3-Dichlorobenzene	8.052	146	212352	9.978	ng	98
13) 1,4-Dichlorobenzene	8.199	146	218466	10.124	ng	98
14) 1,2-Dichlorobenzene	8.522	146	211459	10.120	ng	99
15) Benzyl Alcohol	8.399	79	159546	9.513	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.693	45	278442	10.212	ng	99
17) 2-Methylphenol	8.599	107	172111	9.745	ng	99
18) Hexachloroethane	9.263	117	69931	9.695	ng	97
19) n-Nitroso-di-n-propyla...	8.969	70	156954	10.381	ng	96
20) 3+4-Methylphenols	8.928	107	223676	9.622	ng	96
22) Acetophenone	8.993	105	312818	9.778	ng	# 98
24) Nitrobenzene	9.375	77	177682	8.748	ng	97
25) Isophorone	9.904	82	436475	9.742	ng	100
26) 2-Nitrophenol	10.093	139	39693	6.268	ng	99
27) 2,4-Dimethylphenol	10.146	122	182345	9.232	ng	99
28) bis(2-Chloroethoxy)met...	10.393	93	259280	9.603	ng	98
29) 2,4-Dichlorophenol	10.628	162	161812	9.095	ng	100
30) 1,2,4-Trichlorobenzene	10.851	180	194140	9.562	ng	99
31) Naphthalene	11.046	128	650711	9.706	ng	100
32) Benzoic acid	10.204	122	48058	5.567	ng	95
33) 4-Chloroaniline	11.146	127	284553	9.592	ng	98
34) Hexachlorobutadiene	11.334	225	113982	9.647	ng	99
35) Caprolactam	11.893	113	50372	8.765	ng	97
36) 4-Chloro-3-methylphenol	12.251	107	175182	9.042	ng	99
37) 2-Methylnaphthalene	12.640	142	464090	9.739	ng	99
38) 1-Methylnaphthalene	12.857	142	437204	9.764	ng	100
40) 1,2,4,5-Tetrachloroben...	13.004	216	216644	9.593	ng	99
41) Hexachlorocyclopentadiene	12.987	237	80077	7.533	ng	95
43) 2,4,6-Trichlorophenol	13.234	196	113601	8.595	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
 Data File : BP013547.D
 Acq On : 23 Jan 2023 12:34
 Operator : CG/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 01/24/2023
 Supervised By : Jagrut Upadhyay 01/24/2023

Quant Time: Jan 24 03:03:27 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jan 24 03:01:10 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.304	196	135447	8.673	ng	99
46) 1,1'-Biphenyl	13.640	154	574308	9.749	ng	99
47) 2-Chloronaphthalene	13.681	162	429374	9.729	ng	99
48) 2-Nitroaniline	13.875	65	55566	6.293	ng	99
49) Acenaphthylene	14.528	152	697120	9.659	ng	100
50) Dimethylphthalate	14.245	163	524089	9.612	ng	99
51) 2,6-Dinitrotoluene	14.363	165	60503	6.872	ng	# 84
52) Acenaphthene	14.863	154	427245	9.583	ng	98
53) 3-Nitroaniline	14.692	138	71299	7.064	ng	# 86
54) 2,4-Dinitrophenol	14.892	184	13822	5.152	ng	# 63
55) Dibenzofuran	15.198	168	671763	9.826	ng	99
56) 4-Nitrophenol	14.981	139	53210	6.462	ng	87
57) 2,4-Dinitrotoluene	15.151	165	64262	6.071	ng	96
58) Fluorene	15.851	166	529954	9.753	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.416	232	104236m	8.692	ng	
60) Diethylphthalate	15.610	149	507345	9.527	ng	100
61) 4-Chlorophenyl-phenyle...	15.839	204	258614	9.679	ng	99
62) 4-Nitroaniline	15.851	138	72632	7.053	ng	# 84
63) Azobenzene	16.134	77	509151	9.839	ng	99
65) 4,6-Dinitro-2-methylph...	15.910	198	19099	4.611	ng	92
66) n-Nitrosodiphenylamine	16.051	169	452272	9.677	ng	99
67) 4-Bromophenyl-phenylether	16.739	248	150227	9.463	ng	99
68) Hexachlorobenzene	16.851	284	162523	9.478	ng	96
69) Atrazine	16.998	200	122657	9.172	ng	98
70) Pentachlorophenol	17.198	266	71173	7.127	ng	97
71) Phenanthrene	17.598	178	770165	9.659	ng	99
72) Anthracene	17.686	178	777509	9.607	ng	99
73) Carbazole	17.951	167	689355	9.478	ng	100
74) Di-n-butylphthalate	18.492	149	713660	8.816	ng	99
75) Fluoranthene	19.545	202	780916	9.209	ng	100
77) Benzidine	19.716	184	276295	10.395	ng	100
78) Pyrene	19.898	202	810530	10.031	ng	99
80) Butylbenzylphthalate	20.763	149	215067	8.066	ng	98
81) Benzo(a)anthracene	21.622	228	705747	9.586	ng	100
82) 3,3'-Dichlorobenzidine	21.539	252	206292	8.697	ng	98
83) Chrysene	21.674	228	683609	9.708	ng	100
84) Bis(2-ethylhexyl)phtha...	21.533	149	357723	8.688	ng	100
85) Di-n-octyl phthalate	22.527	149	550012	8.285	ng	97
87) Indeno(1,2,3-cd)pyrene	26.974	276	770586	9.473	ng	100
88) Benzo(b)fluoranthene	23.433	252	634029	9.333	ng	99
89) Benzo(k)fluoranthene	23.486	252	661387	9.545	ng	100
90) Benzo(a)pyrene	24.115	252	617546	9.370	ng	99
91) Dibenzo(a,h)anthracene	26.992	278	646475	9.475	ng	99
92) Benzo(g,h,i)perylene	27.815	276	641478	7.886	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

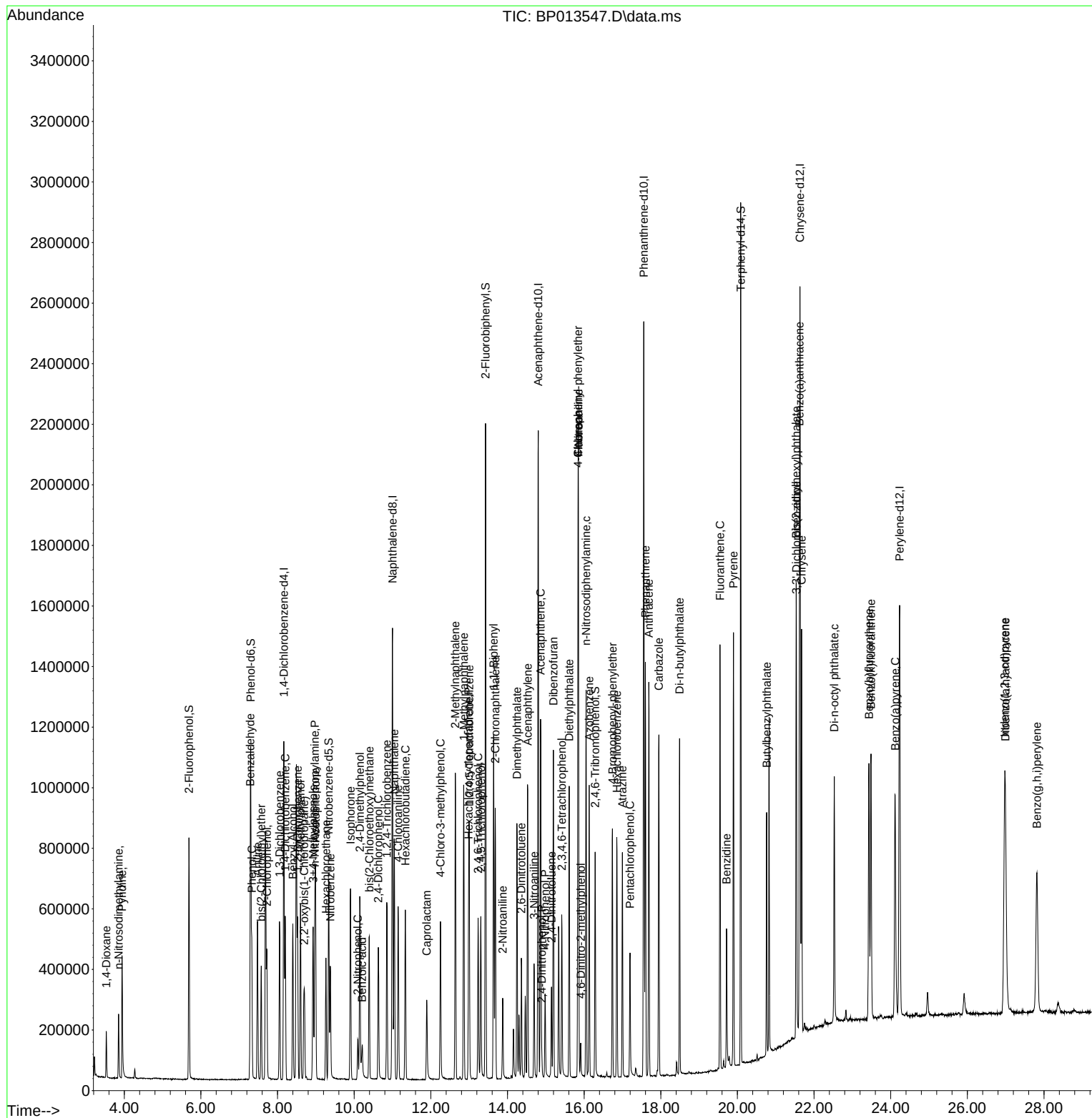
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 Acq On : 23 Jan 2023 12:34
 Operator : CG/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

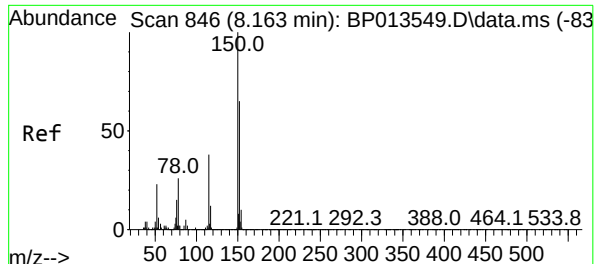
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC010

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 01/24/2023
 Supervised By : Jagrut Upadhyay 01/24/2023

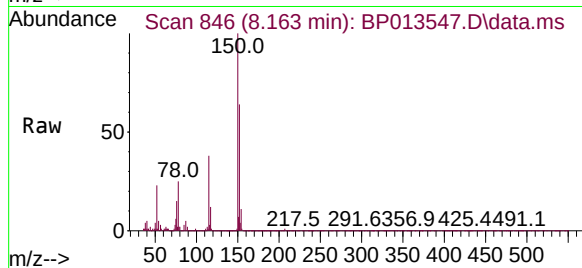
Quant Time: Jan 24 03:03:27 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 03:01:10 2023
 Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.163 min Scan# 846
Delta R.T. 0.000 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34

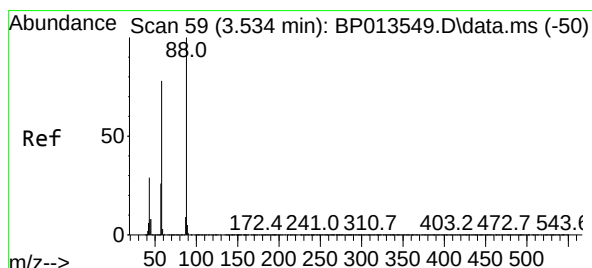
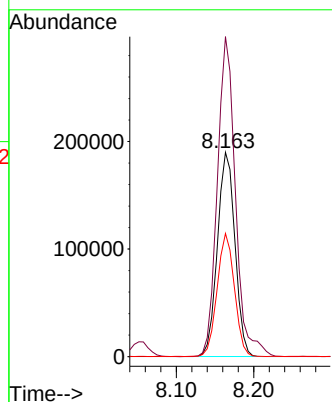
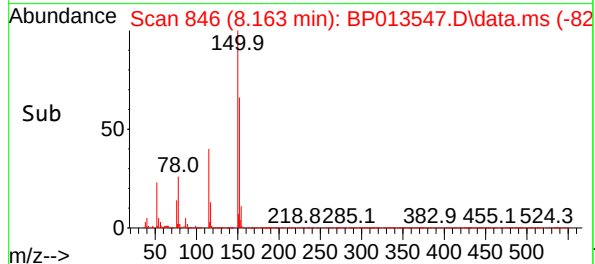
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 152 Resp: 298822
Ion Ratio Lower Upper
152 100
150 156.7 122.4 183.6
115 60.3 46.1 69.1

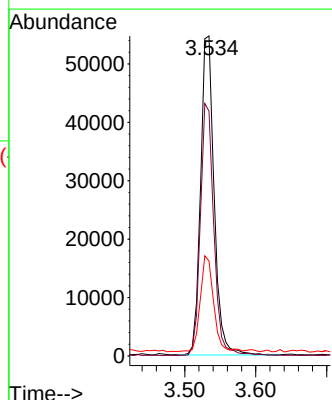
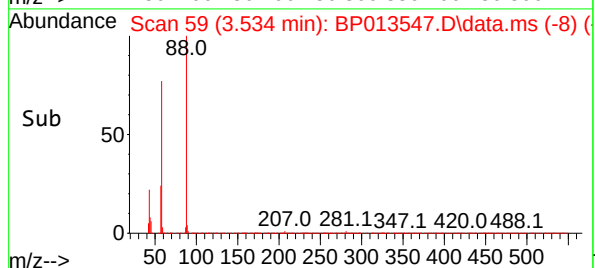
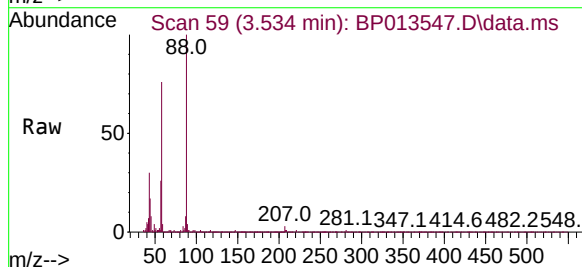
Manual Integrations
APPROVED

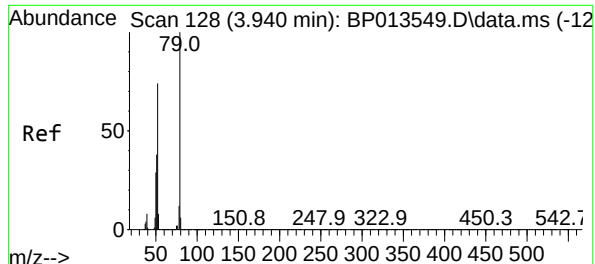
Reviewed By : Christian Giraldo 01/24/2023
Supervised By : Jagrut Upadhyay 01/24/2023



#2
1,4-Dioxane
Concen: 10.288 ng
RT: 3.534 min Scan# 59
Delta R.T. 0.000 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34

Tgt Ion: 88 Resp: 72336
Ion Ratio Lower Upper
88 100
58 78.3 63.6 95.4
43 29.4 24.2 36.2





#3

Pyridine

Concen: 9.850 ng

RT: 3.940 min Scan# 112

Delta R.T. 0.000 min

Lab File: BP013547.D

Acq: 23 Jan 2023 12:34

Instrument :

BNA_P

ClientSampleId :

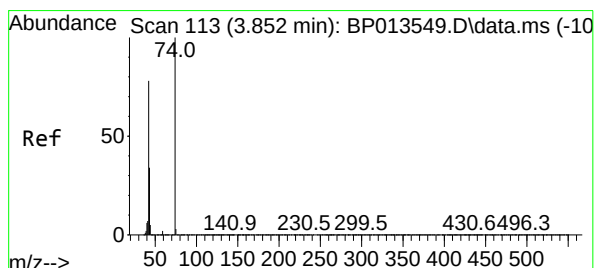
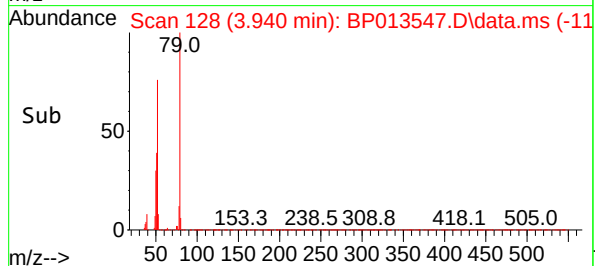
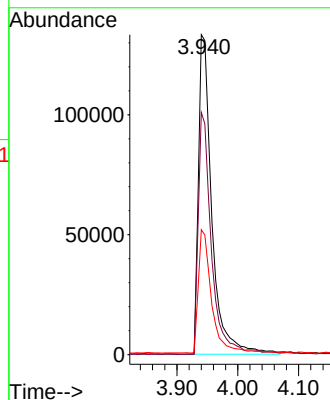
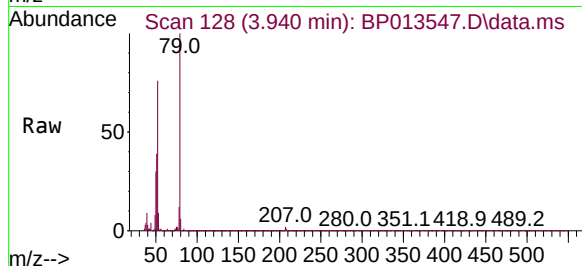
SSTDICC010

Tgt Ion:	79	Resp:	204973
Ion	Ratio	Lower	Upper
79	100		
52	75.7	59.4	89.2
51	39.0	30.6	45.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#4

n-Nitrosodimethylamine

Concen: 10.117 ng

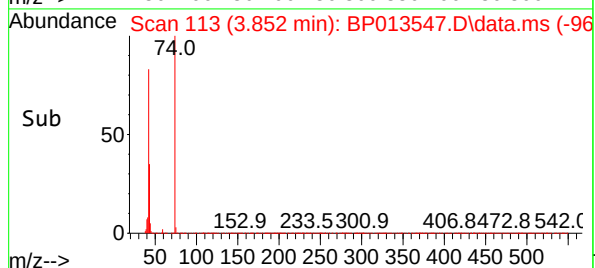
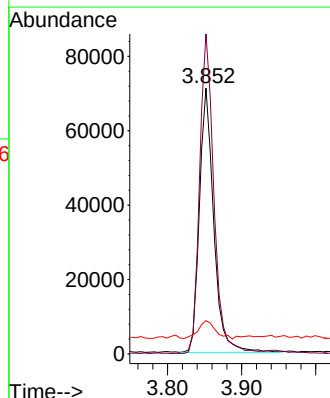
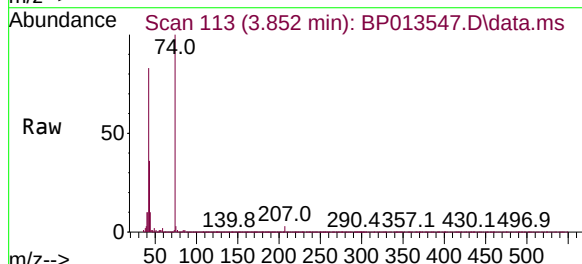
RT: 3.852 min Scan# 113

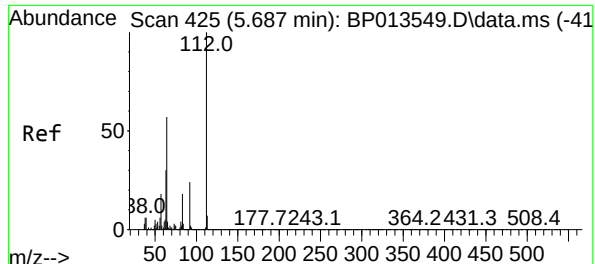
Delta R.T. 0.000 min

Lab File: BP013547.D

Acq: 23 Jan 2023 12:34

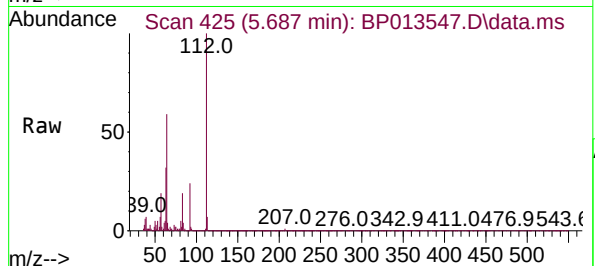
Tgt Ion:	42	Resp:	95476
Ion	Ratio	Lower	Upper
42	100		
74	120.4	102.3	153.5
44	12.5	6.2	9.2





#5
2-Fluorophenol
Concen: 19.401 ng
RT: 5.687 min Scan# 425
Delta R.T. 0.000 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34

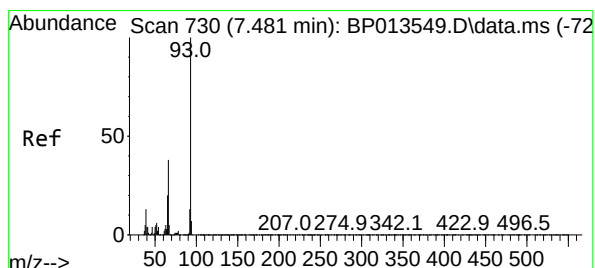
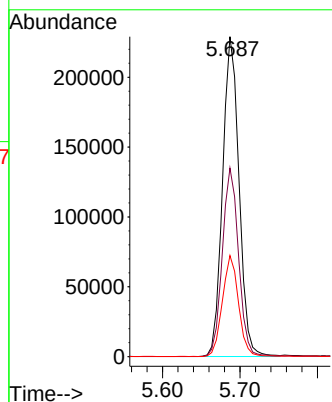
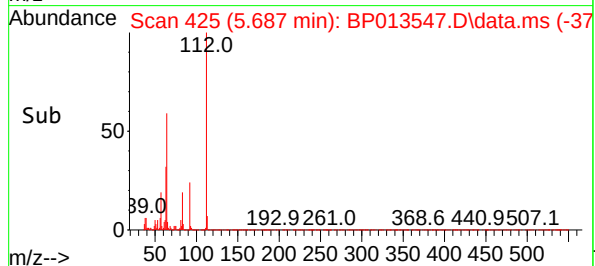
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 112 Resp: 338366
Ion Ratio Lower Upper
112 100
64 58.9 45.4 68.0
63 31.6 24.1 36.1

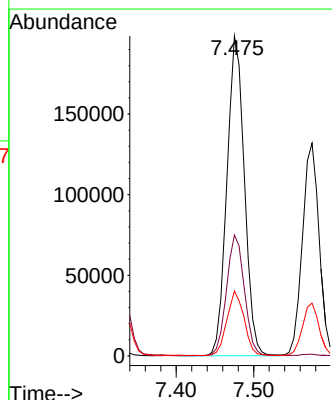
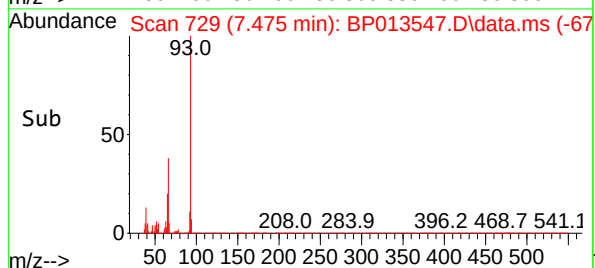
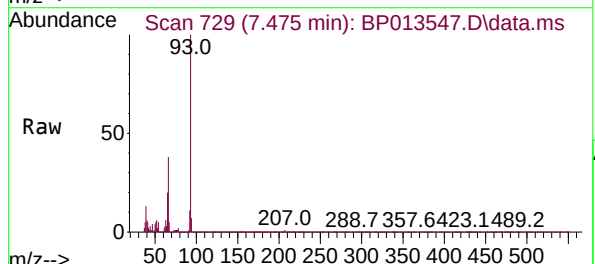
Manual Integrations
APPROVED

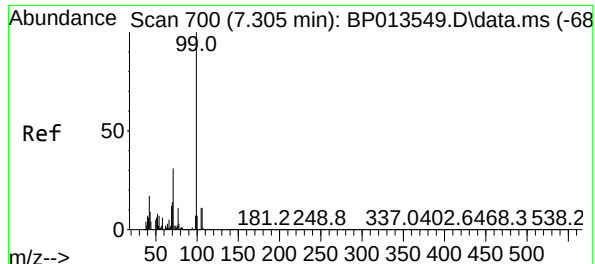
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#6
Aniline
Concen: 9.888 ng
RT: 7.475 min Scan# 729
Delta R.T. -0.006 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34

Tgt Ion: 93 Resp: 311786
Ion Ratio Lower Upper
93 100
66 37.8 30.3 45.5
65 20.3 15.9 23.9





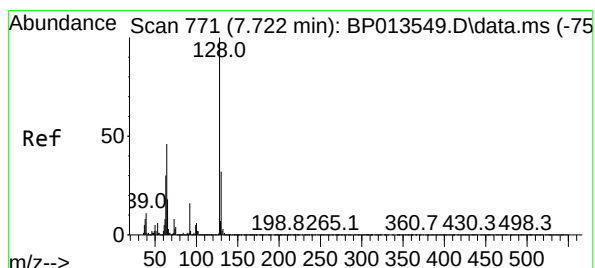
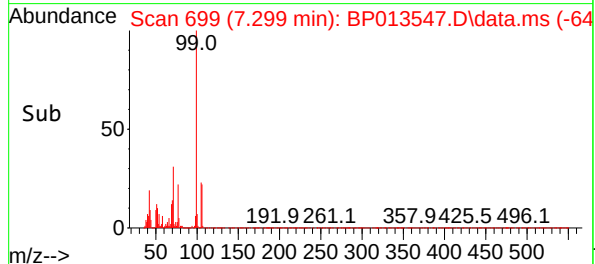
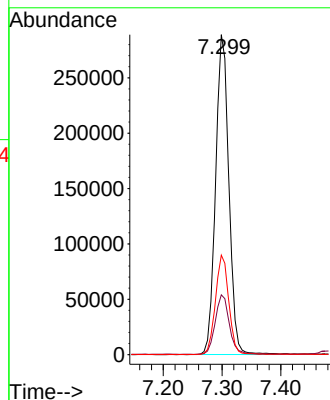
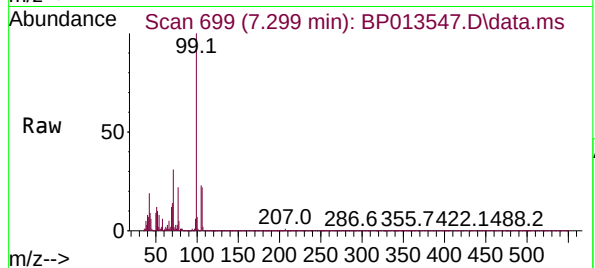
#7
Phenol-d6
Concen: 19.294 ng
RT: 7.299 min Scan# 699
Delta R.T. -0.006 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 452892
Ion Ratio Lower Upper
99 100
42 18.7 14.0 21.0
71 31.1 24.7 37.1

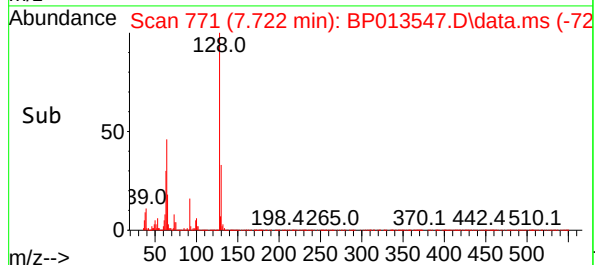
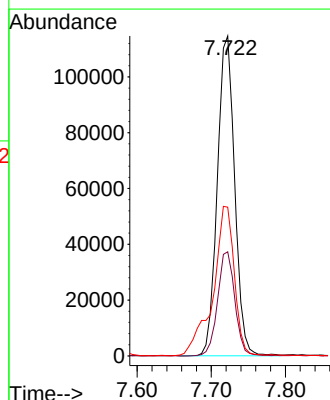
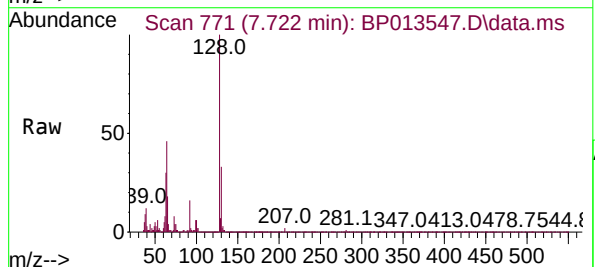
Manual Integrations
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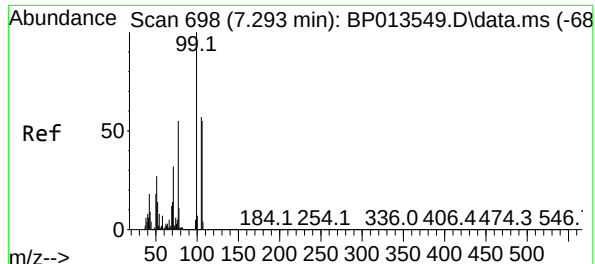
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#8
2-Chlorophenol
Concen: 9.683 ng
RT: 7.722 min Scan# 771
Delta R.T. 0.000 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34

Tgt Ion:128 Resp: 186351
Ion Ratio Lower Upper
128 100
130 32.5 12.4 52.4
64 46.5 26.2 66.2





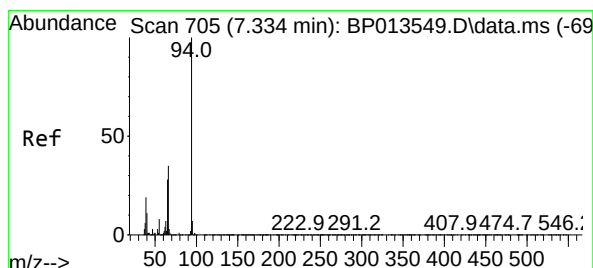
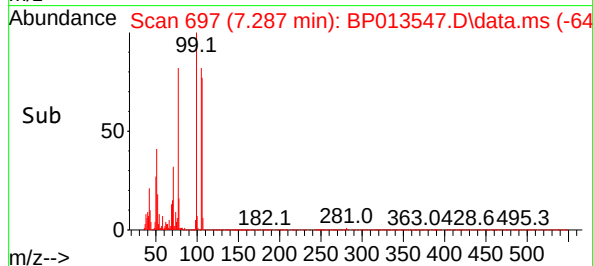
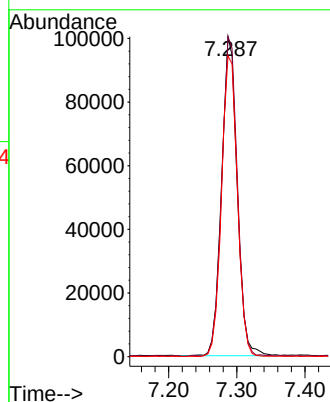
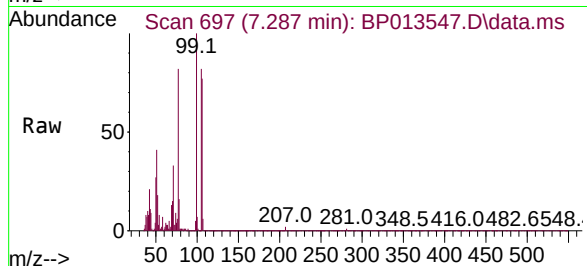
#9
Benzaldehyde
Concen: 12.460 ng
RT: 7.287 min Scan# 69
Delta R.T. -0.006 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34

Instrument :
BNA_P
Client Sample Id :
SSTDICC010

Tgt Ion: 77 Resp: 158529
Ion Ratio Lower Upper
77 100
105 99.9 82.6 122.6
106 94.1 78.9 118.9

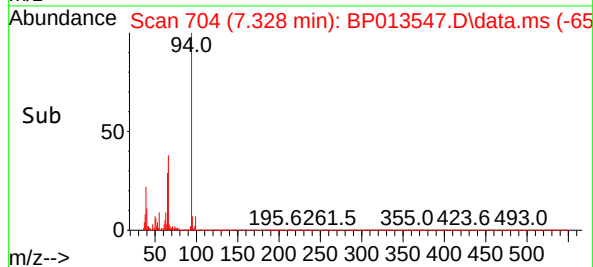
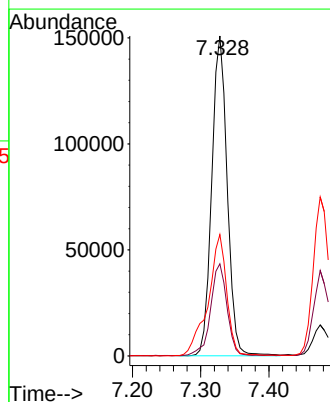
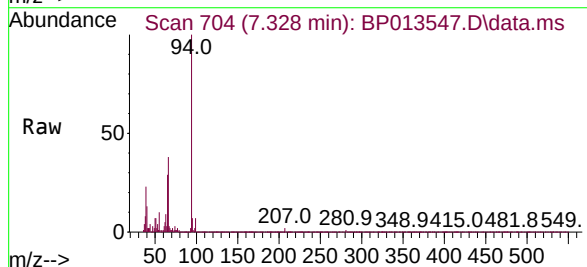
Manual Integrations
APPROVED

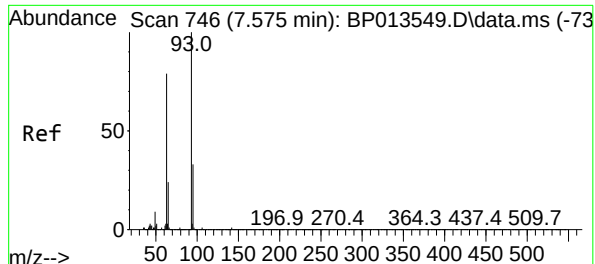
Reviewed By : Christian Giraldo 01/24/2023
Supervised By : Jagrut Upadhyay 01/24/2023



#10
Phenol
Concen: 9.755 ng
RT: 7.328 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34

Tgt Ion: 94 Resp: 237242
Ion Ratio Lower Upper
94 100
65 28.8 7.8 47.8
66 37.9 15.5 55.5





#11

bis(2-Chloroethyl)ether

Concen: 9.970 ng

RT: 7.575 min Scan# 746

Delta R.T. 0.000 min

Lab File: BP013547.D

Acq: 23 Jan 2023 12:34

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 93 Resp: 198264

Ion Ratio Lower Upper

93 100

63 79.1 58.7 98.7

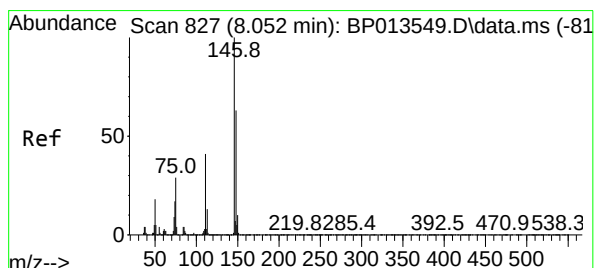
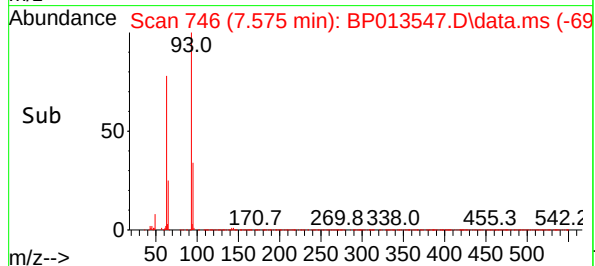
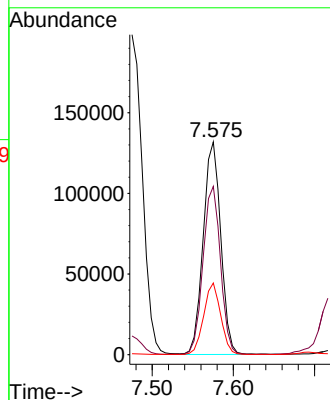
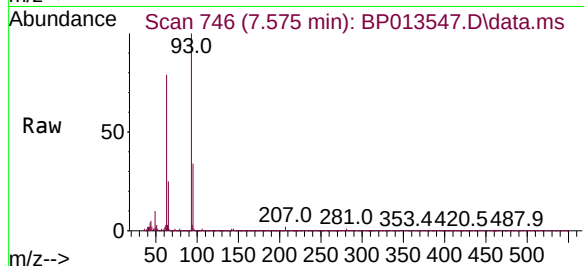
95 33.6 12.8 52.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#12

1,3-Dichlorobenzene

Concen: 9.978 ng

RT: 8.052 min Scan# 827

Delta R.T. 0.000 min

Lab File: BP013547.D

Acq: 23 Jan 2023 12:34

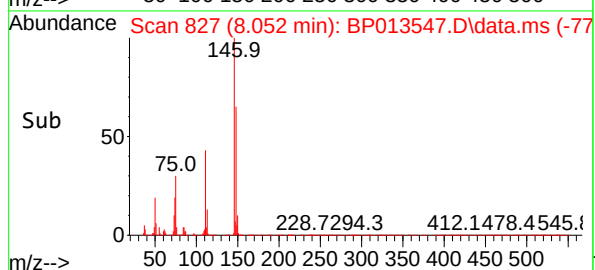
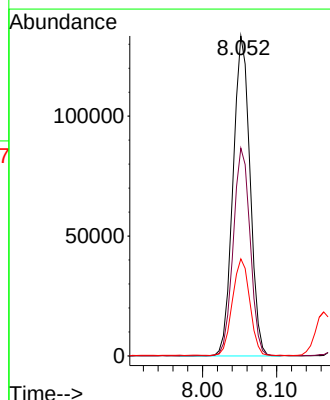
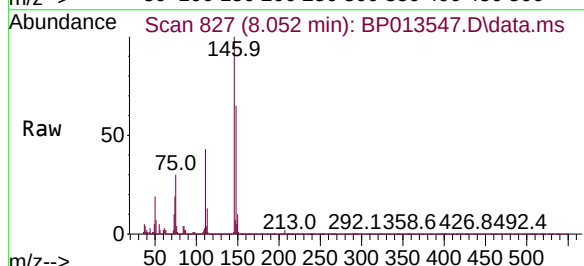
Tgt Ion:146 Resp: 212352

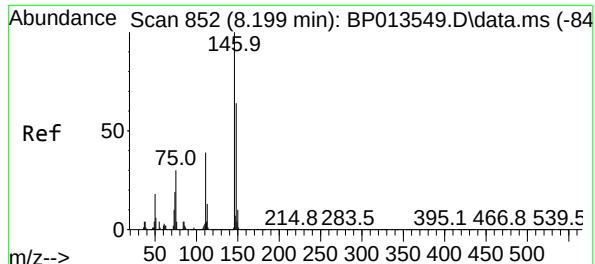
Ion Ratio Lower Upper

146 100

148 64.9 50.7 76.1

75 30.4 23.4 35.2





#13

1,4-Dichlorobenzene

Concen: 10.124 ng

RT: 8.199 min Scan# 852

Delta R.T. 0.000 min

Lab File: BP013547.D

Acq: 23 Jan 2023 12:34

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:146 Resp: 218466

Ion Ratio Lower Upper

146 100

148 63.2 51.4 77.0

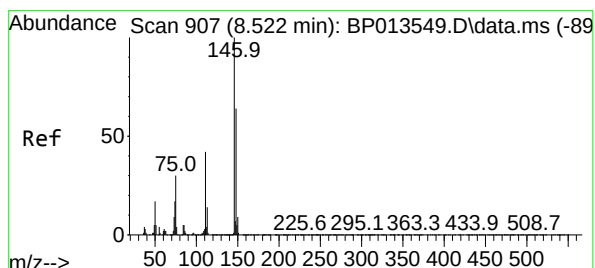
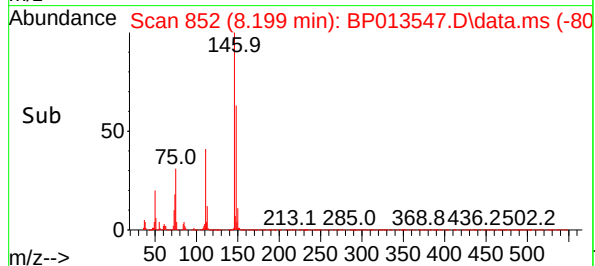
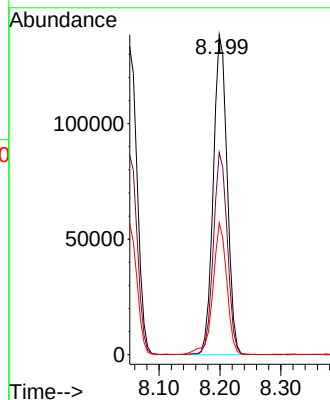
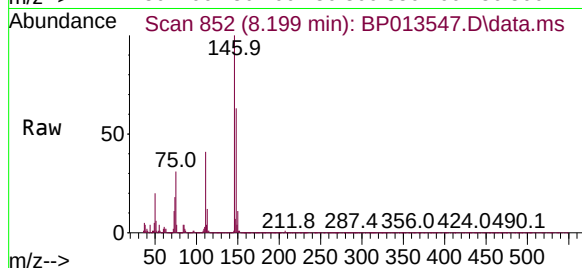
111 41.2 31.4 47.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#14

1,2-Dichlorobenzene

Concen: 10.120 ng

RT: 8.522 min Scan# 907

Delta R.T. 0.000 min

Lab File: BP013547.D

Acq: 23 Jan 2023 12:34

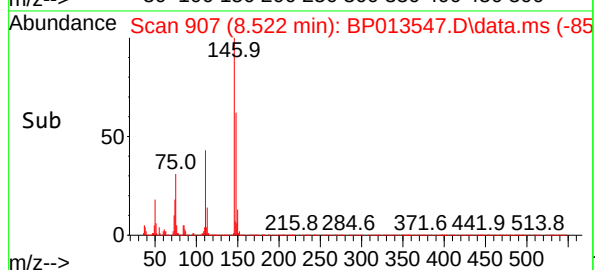
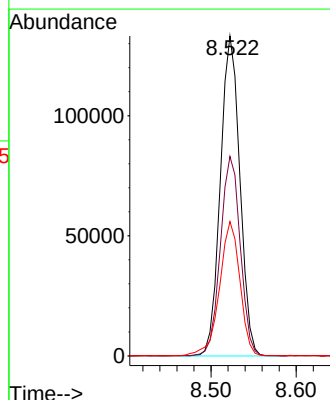
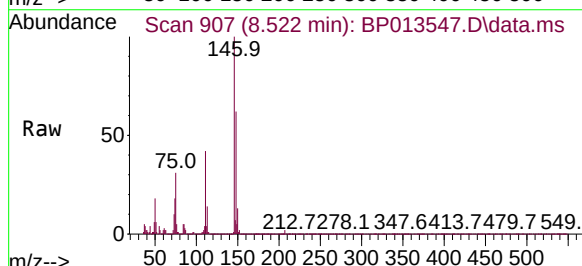
Tgt Ion:146 Resp: 211459

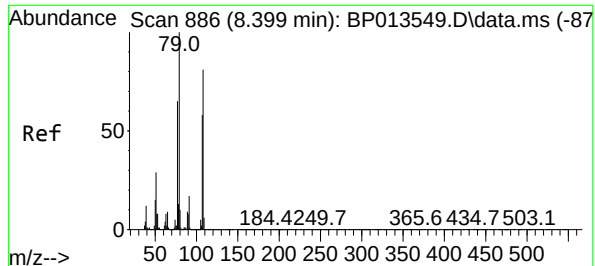
Ion Ratio Lower Upper

146 100

148 62.3 50.8 76.2

111 42.0 33.4 50.2





#15

Benzyl Alcohol

Concen: 9.513 ng

RT: 8.399 min Scan# 886

Delta R.T. 0.000 min

Lab File: BP013547.D

Acq: 23 Jan 2023 12:34

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 79 Resp: 159546

Ion Ratio Lower Upper

79 100

108 81.9 65.2 97.8

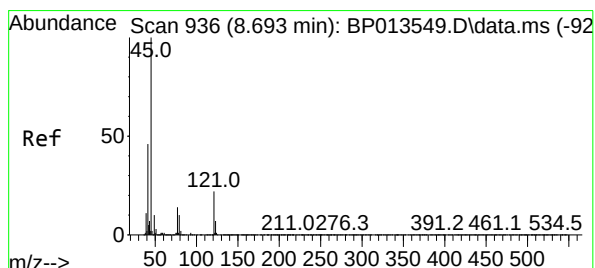
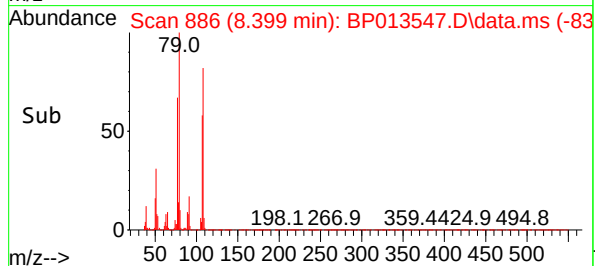
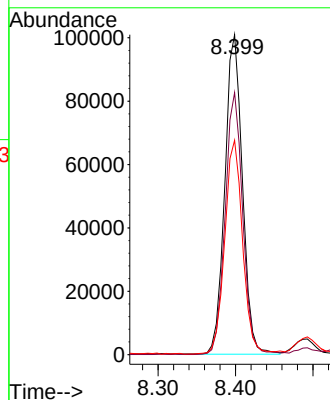
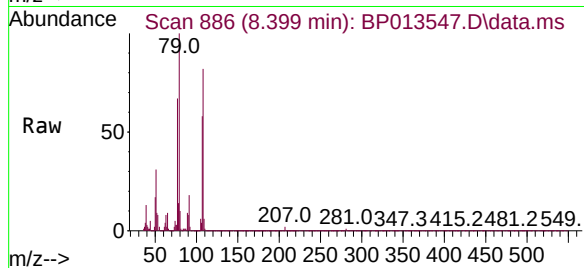
77 67.0 52.3 78.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.212 ng

RT: 8.693 min Scan# 936

Delta R.T. 0.000 min

Lab File: BP013547.D

Acq: 23 Jan 2023 12:34

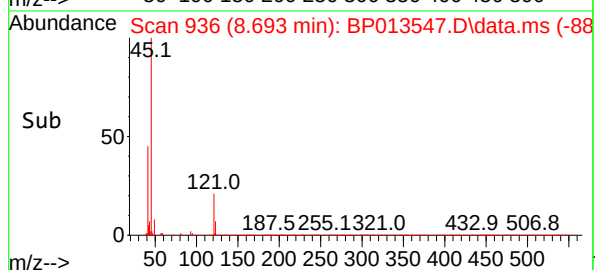
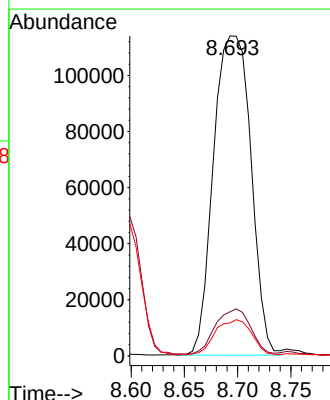
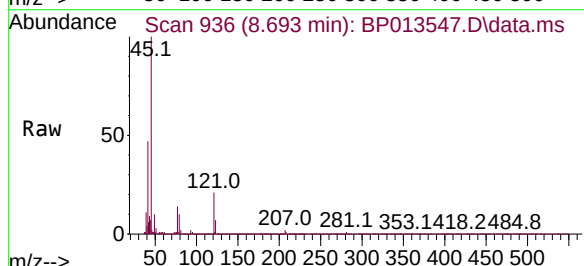
Tgt Ion: 45 Resp: 278442

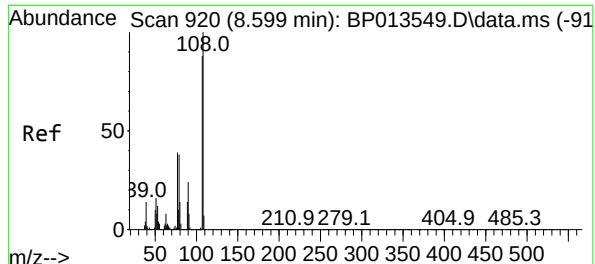
Ion Ratio Lower Upper

45 100

77 13.8 0.0 34.2

79 10.3 0.0 30.4





#17

2-Methylphenol

Concen: 9.745 ng

RT: 8.599 min Scan# 91

Delta R.T. 0.000 min

Lab File: BP013547.D

Acq: 23 Jan 2023 12:34

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:107 Resp: 17211

Ion Ratio Lower Upper

107 100

108 110.9 90.5 135.7

77 44.5 35.4 53.2

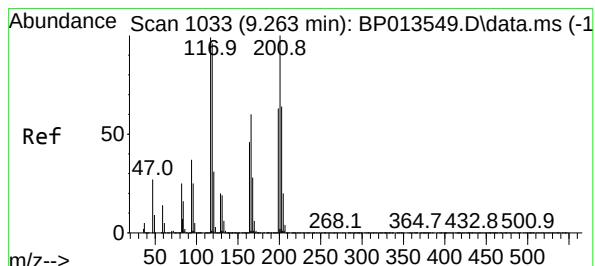
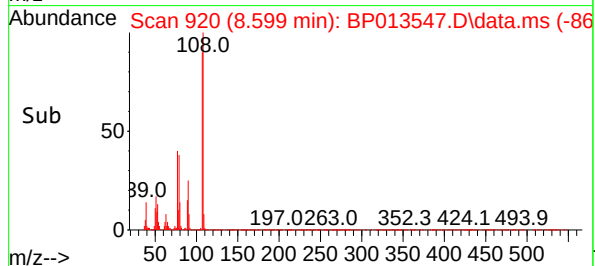
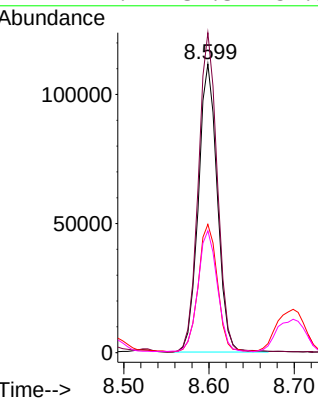
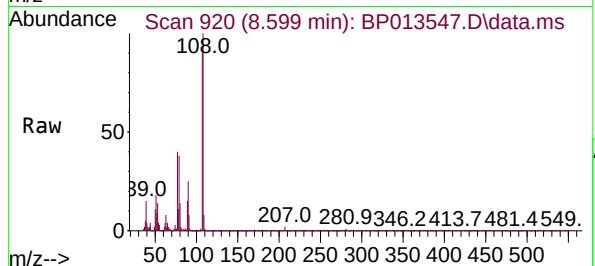
79 42.2 34.3 51.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#18

Hexachloroethane

Concen: 9.695 ng

RT: 9.263 min Scan# 1033

Delta R.T. 0.000 min

Lab File: BP013547.D

Acq: 23 Jan 2023 12:34

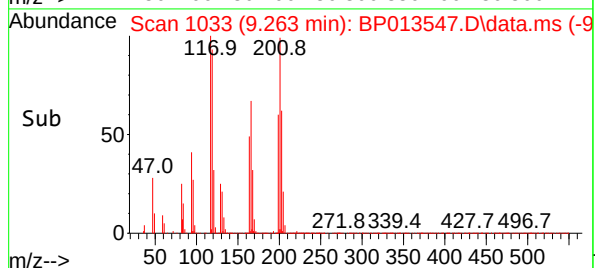
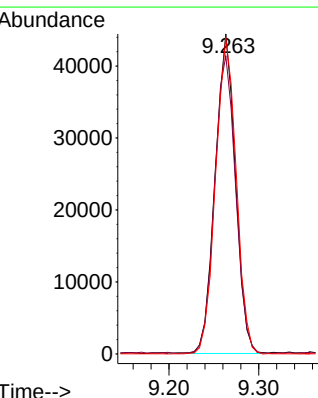
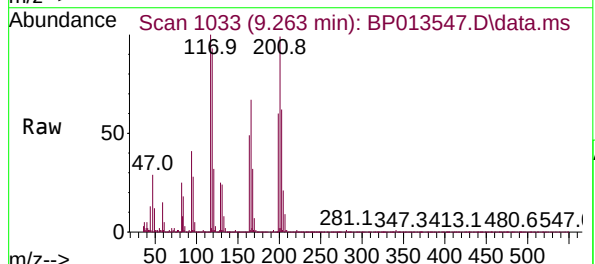
Tgt Ion:117 Resp: 69931

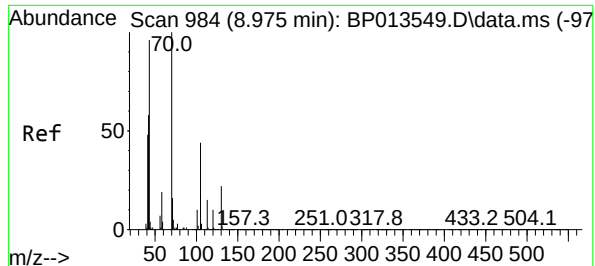
Ion Ratio Lower Upper

117 100

119 93.1 77.0 115.6

201 98.7 80.6 120.8





#19

n-Nitroso-di-n-propylamine

Concen: 10.381 ng

RT: 8.969 min Scan# 984

Delta R.T. -0.006 min

Lab File: BP013547.D

Acq: 23 Jan 2023 12:34

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 156954

Ion Ratio Lower Upper

70 100

42 62.3 47.2 70.8

101 9.5 8.0 12.0

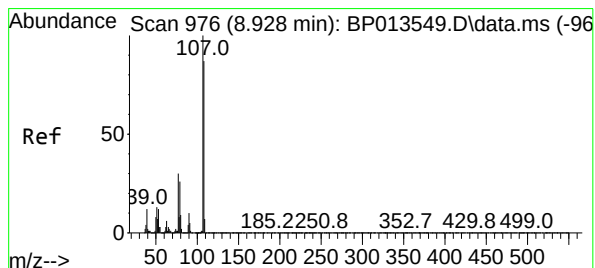
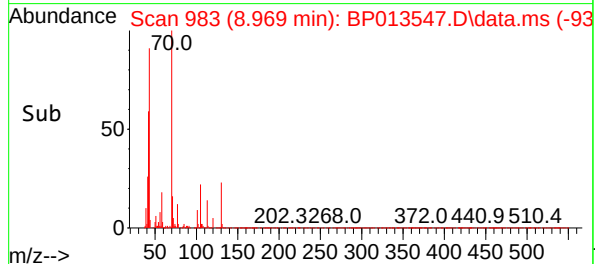
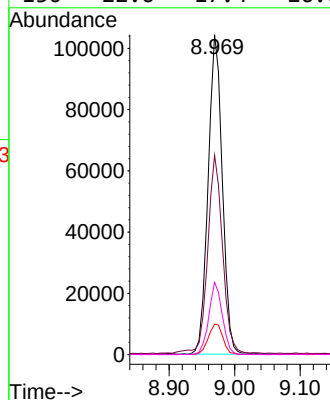
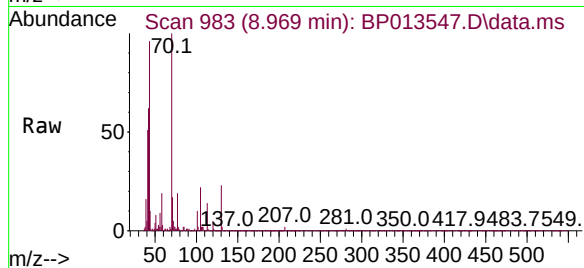
130 22.6 17.4 26.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#20

3+4-Methylphenols

Concen: 9.622 ng

RT: 8.928 min Scan# 976

Delta R.T. 0.000 min

Lab File: BP013547.D

Acq: 23 Jan 2023 12:34

Tgt Ion:107 Resp: 223676

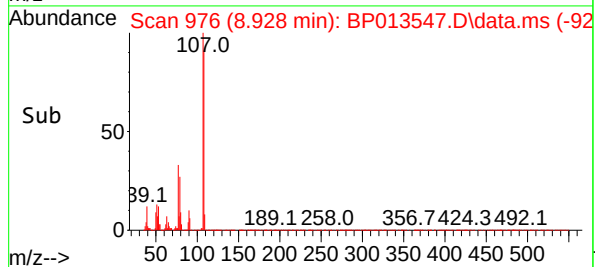
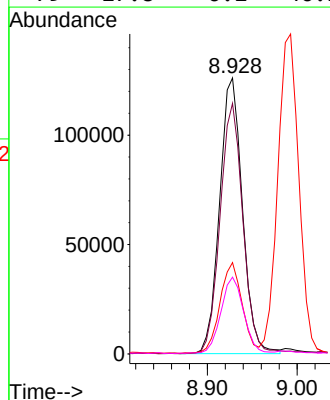
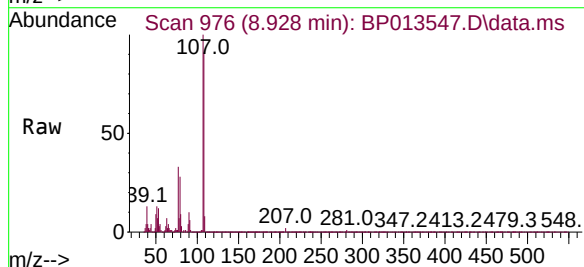
Ion Ratio Lower Upper

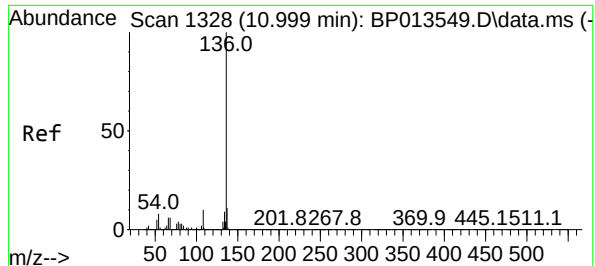
107 100

108 90.8 67.5 107.5

77 33.1 10.5 50.5

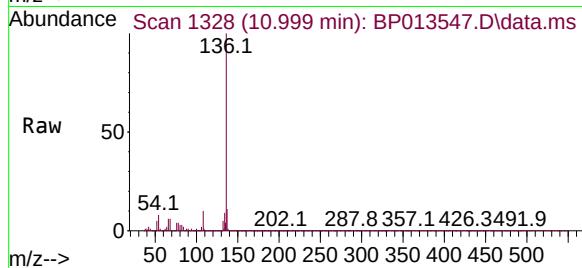
79 27.8 6.2 46.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.999 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34

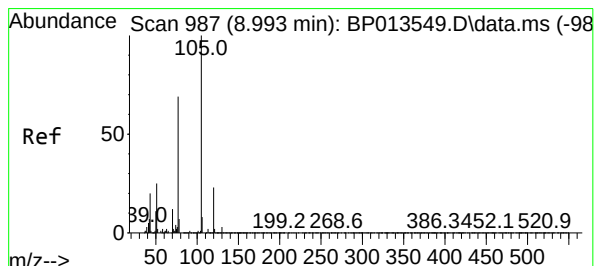
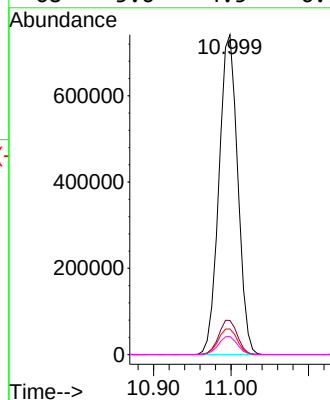
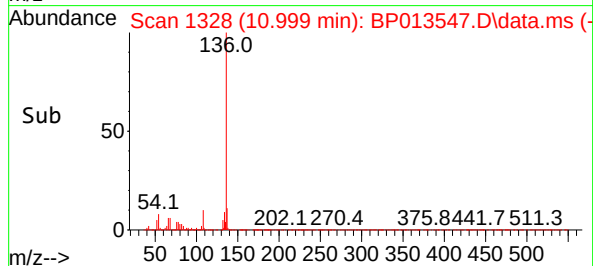
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:136 Resp: 1247036
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 8.0 6.6 9.8
68 5.6 4.5 6.7

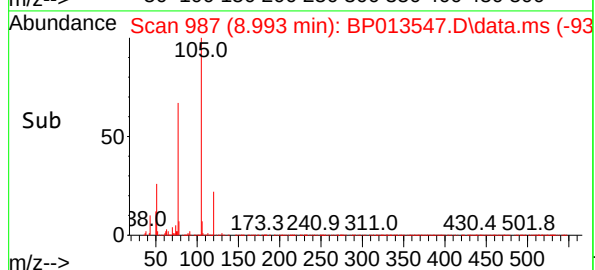
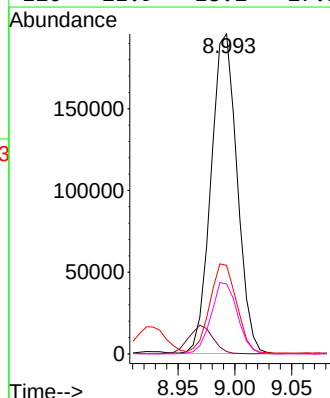
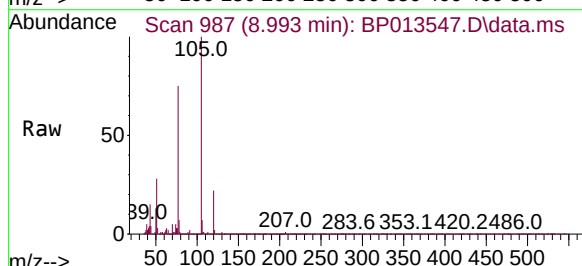
Manual Integrations
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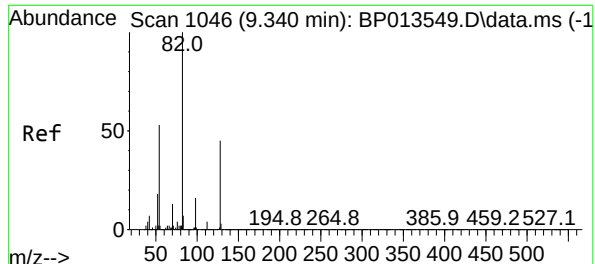
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#22
Acetophenone
Concen: 9.778 ng
RT: 8.993 min Scan# 987
Delta R.T. 0.000 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34

Tgt Ion:105 Resp: 312818
Ion Ratio Lower Upper
105 100
71 0.7 1.8 2.8#
51 27.7 21.1 31.7
120 21.9 18.2 27.2





#23

Nitrobenzene-d5

Concen: 16.830 ng

RT: 9.334 min Scan# 1045

Delta R.T. -0.006 min

Lab File: BP013547.D

Acq: 23 Jan 2023 12:34

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 82 Resp: 31790

Ion Ratio Lower Upper

82 100

128 40.8 35.8 53.6

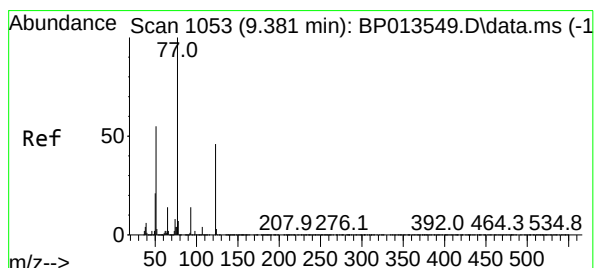
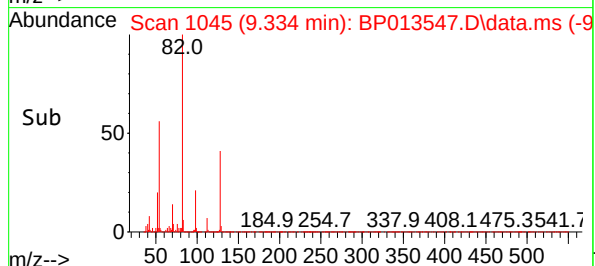
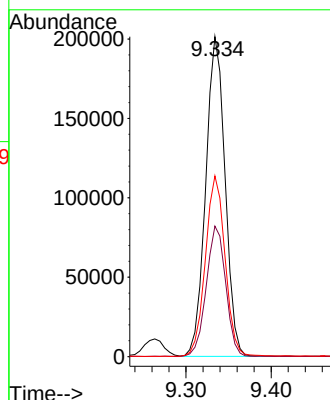
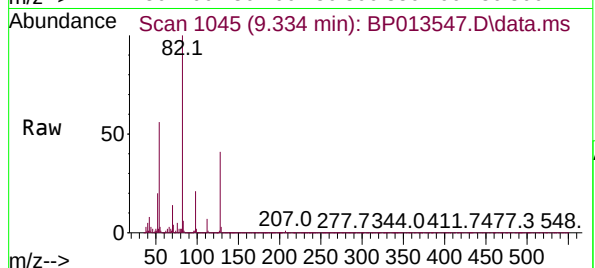
54 56.5 42.6 64.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#24

Nitrobenzene

Concen: 8.748 ng

RT: 9.375 min Scan# 1052

Delta R.T. -0.006 min

Lab File: BP013547.D

Acq: 23 Jan 2023 12:34

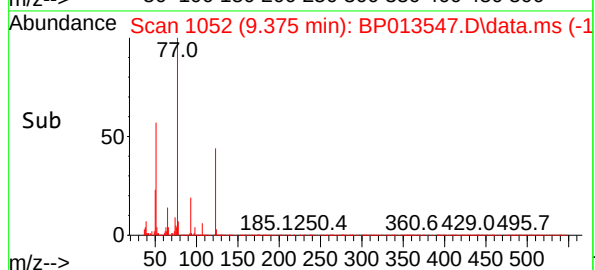
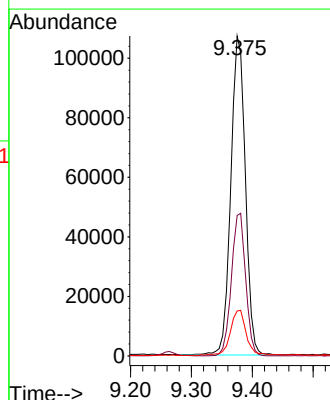
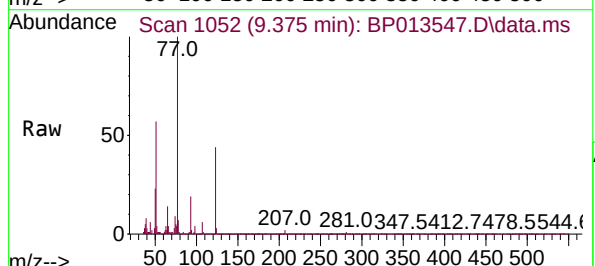
Tgt Ion: 77 Resp: 177682

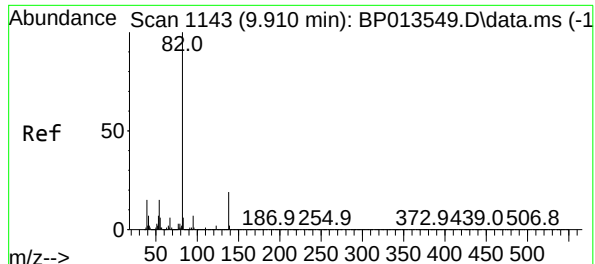
Ion Ratio Lower Upper

77 100

123 43.9 37.2 55.8

65 14.0 11.1 16.7





#25

Isophorone

Concen: 9.742 ng

RT: 9.904 min Scan# 1143

Delta R.T. -0.006 min

Lab File: BP013547.D

Acq: 23 Jan 2023 12:34

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 82 Resp: 436475

Ion Ratio Lower Upper

82 100

95 7.3 5.8 8.8

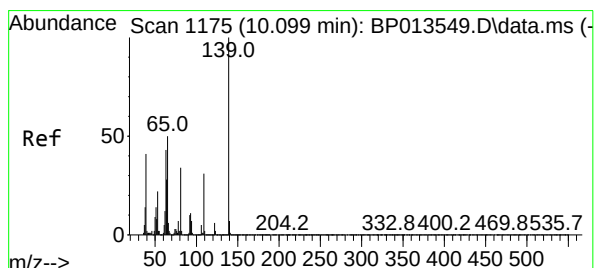
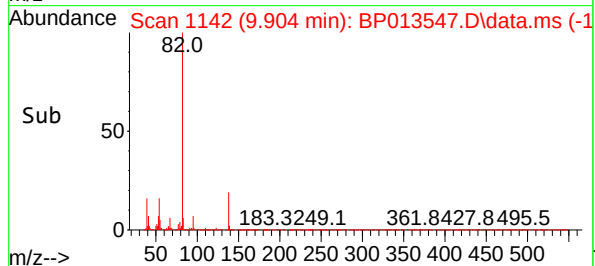
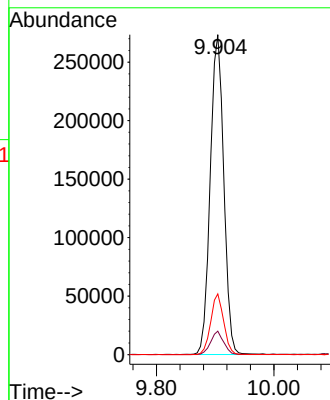
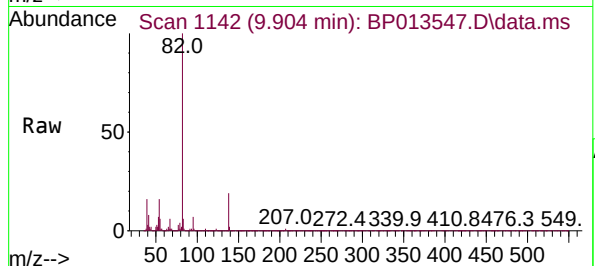
138 19.0 15.1 22.7

Manual Integrations

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Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#26

2-Nitrophenol

Concen: 6.268 ng

RT: 10.093 min Scan# 1174

Delta R.T. -0.006 min

Lab File: BP013547.D

Acq: 23 Jan 2023 12:34

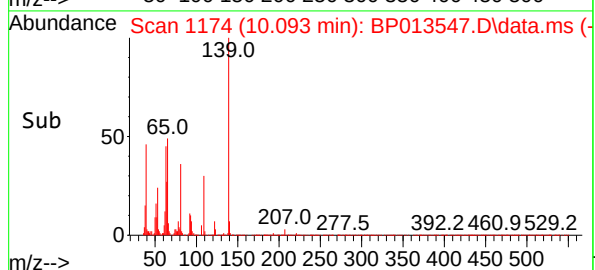
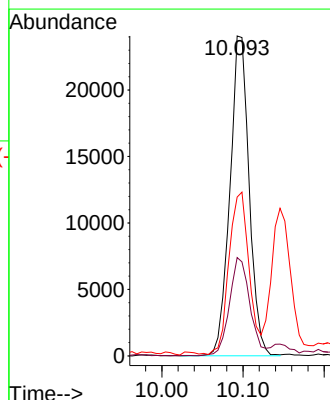
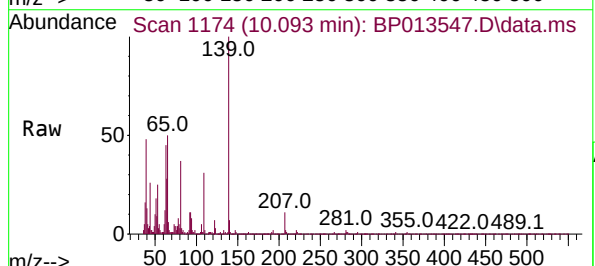
Tgt Ion:139 Resp: 39693

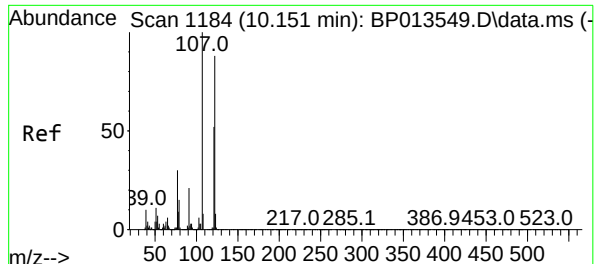
Ion Ratio Lower Upper

139 100

109 30.7 25.1 37.7

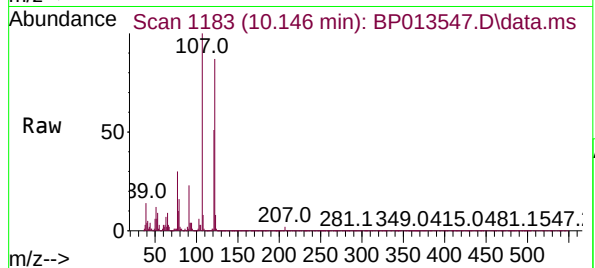
65 49.6 40.1 60.1





#27
2,4-Dimethylphenol
Concen: 9.232 ng
RT: 10.146 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34

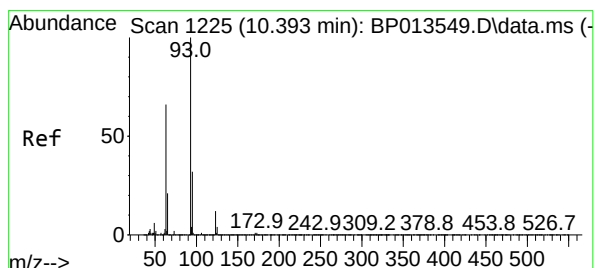
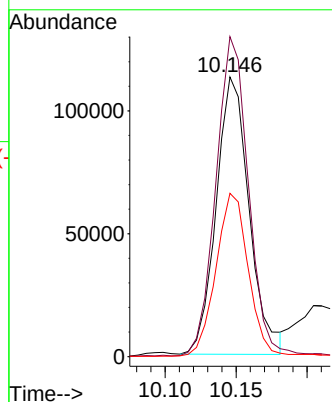
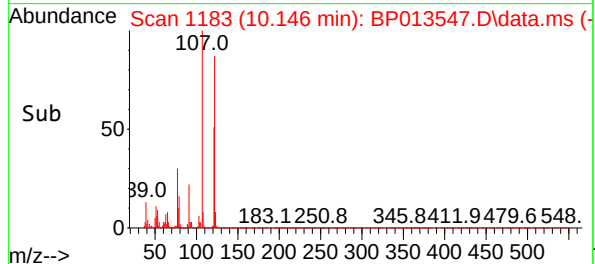
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 122 Resp: 182345
Ion Ratio Lower Upper
122 100
107 114.4 90.7 136.1
121 58.4 47.0 70.4

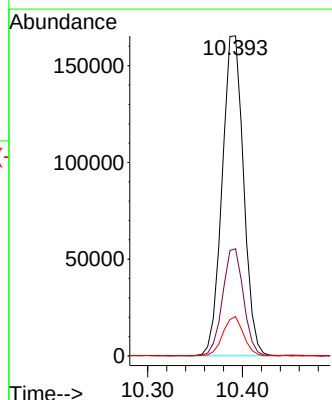
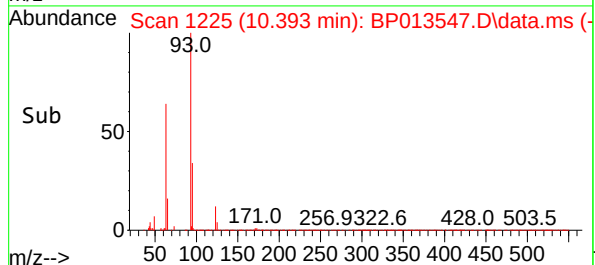
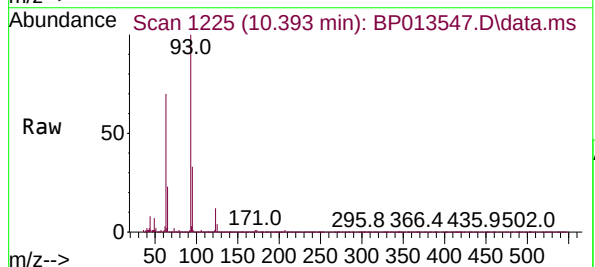
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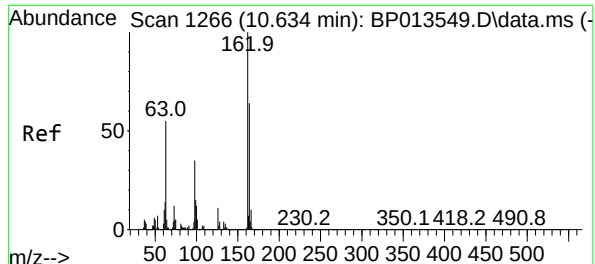
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#28
bis(2-Chloroethoxy)methane
Concen: 9.603 ng
RT: 10.393 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34

Tgt Ion: 93 Resp: 259280
Ion Ratio Lower Upper
93 100
95 33.5 25.8 38.8
123 12.3 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 9.095 ng

RT: 10.628 min Scan# 1265

Delta R.T. -0.006 min

Lab File: BP013547.D

Acq: 23 Jan 2023 12:34

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:162 Resp: 16181

Ion Ratio Lower Upper

162 100

164 64.0 44.3 84.3

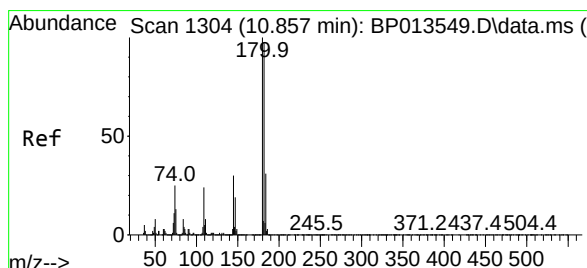
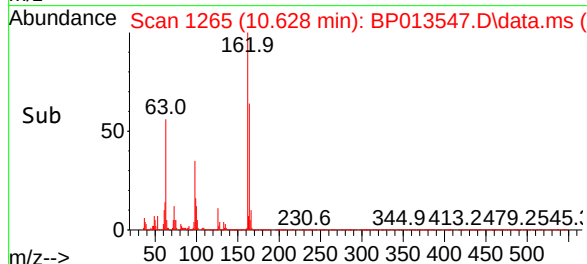
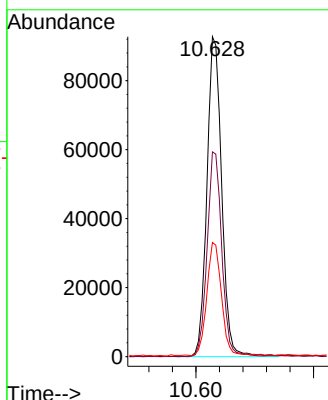
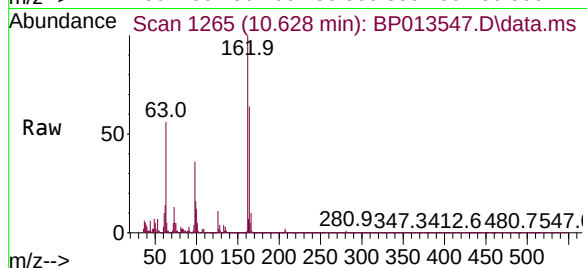
98 35.7 15.3 55.3

Manual Integrations

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Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#30

1,2,4-Trichlorobenzene

Concen: 9.562 ng

RT: 10.851 min Scan# 1303

Delta R.T. -0.006 min

Lab File: BP013547.D

Acq: 23 Jan 2023 12:34

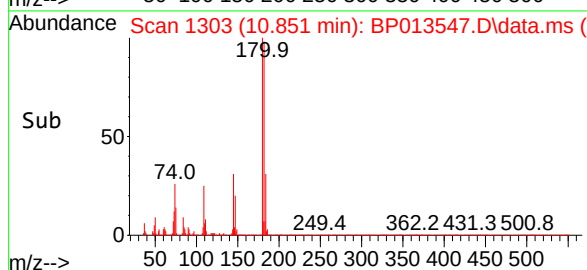
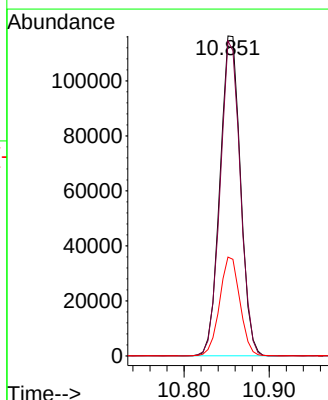
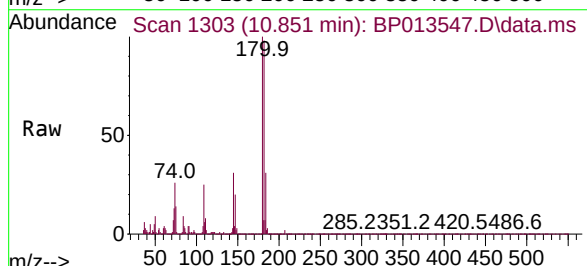
Tgt Ion:180 Resp: 194140

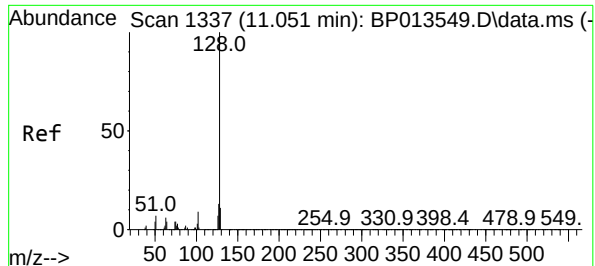
Ion Ratio Lower Upper

180 100

182 98.4 77.9 116.9

145 30.9 24.0 36.0





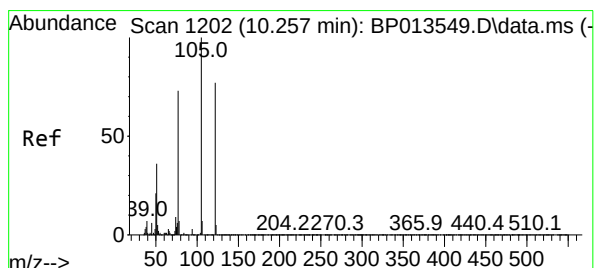
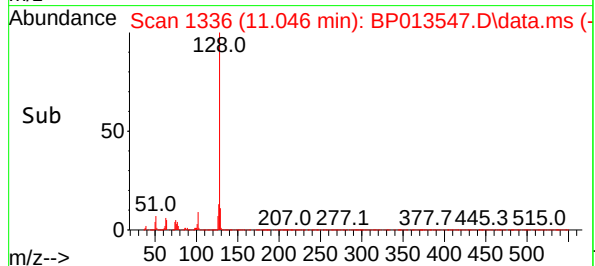
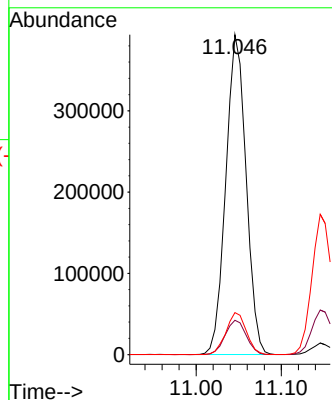
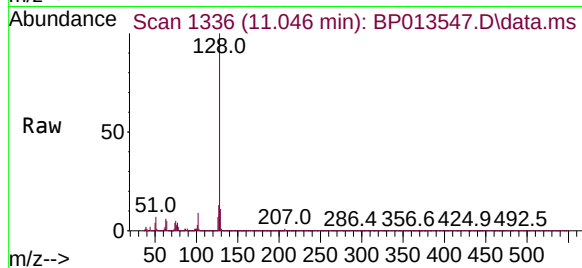
#31
Naphthalene
Concen: 9.706 ng
RT: 11.046 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 650711
Ion Ratio Lower Upper
128 100
129 10.7 8.5 12.7
127 13.1 10.6 16.0

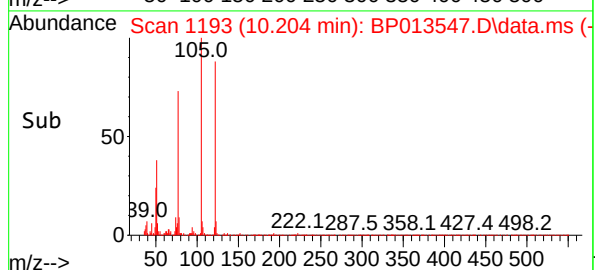
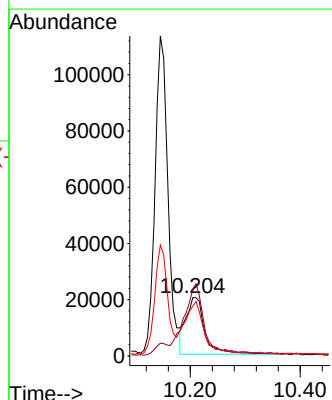
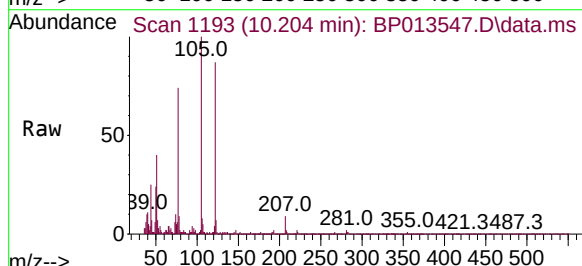
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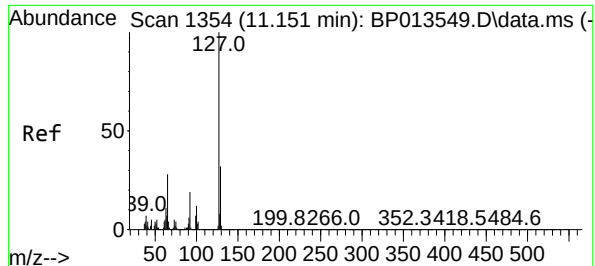
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#32
Benzoic acid
Concen: 5.567 ng
RT: 10.204 min Scan# 1193
Delta R.T. -0.053 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34

Tgt Ion:122 Resp: 48058
Ion Ratio Lower Upper
122 100
105 114.9 100.5 140.5
77 85.2 70.9 110.9





#33

4-Chloroaniline

Concen: 9.592 ng

RT: 11.146 min Scan# 1353

Delta R.T. -0.006 min

Lab File: BP013547.D

Acq: 23 Jan 2023 12:34

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:127 Resp: 284553

Ion Ratio Lower Upper

127 100

129 31.7 25.7 38.5

65 30.6 22.7 34.1

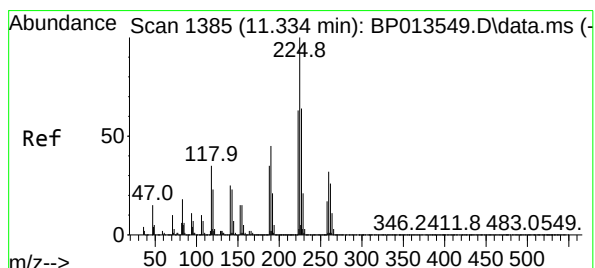
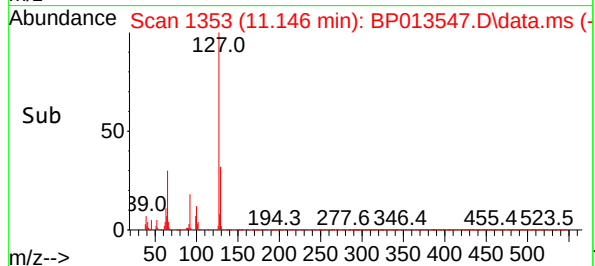
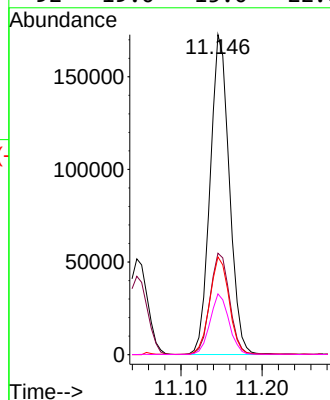
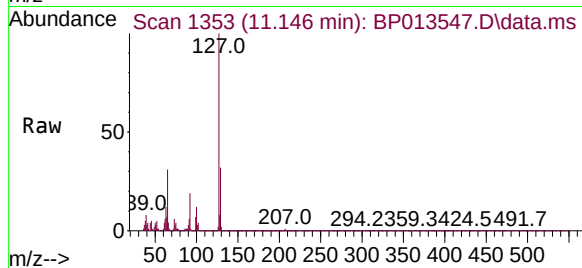
92 19.0 15.0 22.6

Manual Integrations

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Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#34

Hexachlorobutadiene

Concen: 9.647 ng

RT: 11.334 min Scan# 1385

Delta R.T. 0.000 min

Lab File: BP013547.D

Acq: 23 Jan 2023 12:34

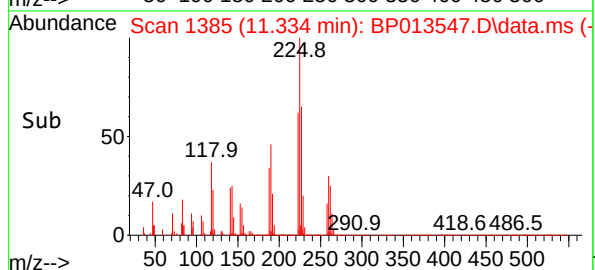
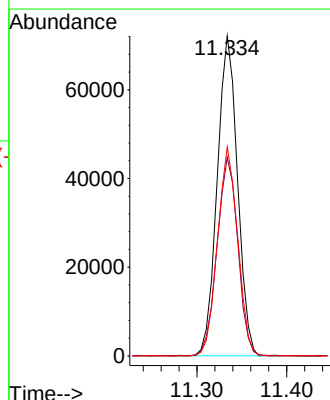
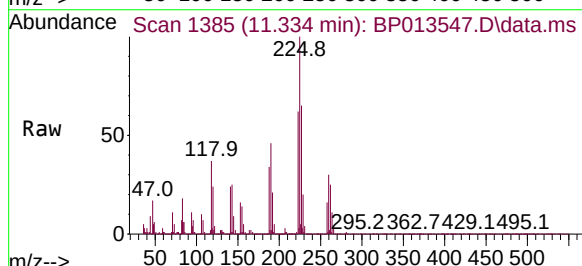
Tgt Ion:225 Resp: 113982

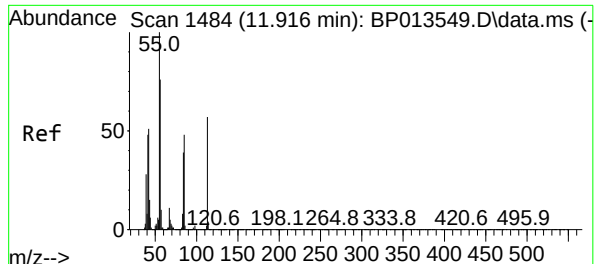
Ion Ratio Lower Upper

225 100

223 62.0 50.2 75.2

227 65.3 51.4 77.2





#35

Caprolactam

Concen: 8.765 ng

RT: 11.893 min Scan# 1480

Delta R.T. -0.024 min

Lab File: BP013547.D

Acq: 23 Jan 2023 12:34

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:113 Resp: 50372

Ion Ratio Lower Upper

113 100

55 180.6 156.5 196.5

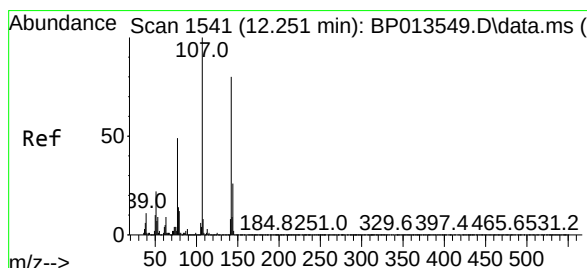
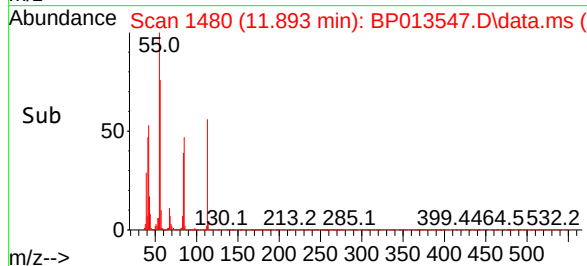
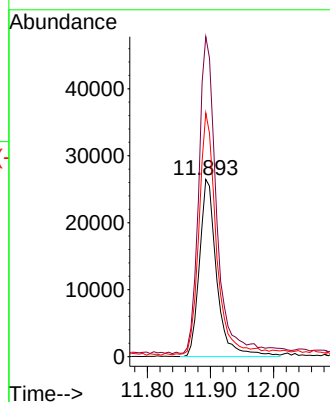
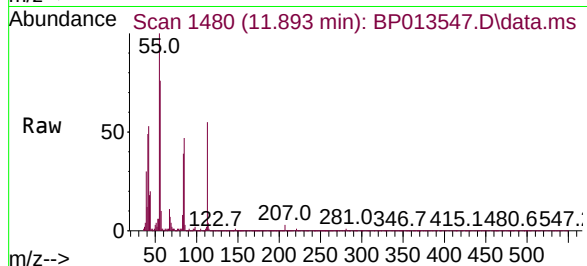
56 137.6 113.5 153.5

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Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#36

4-Chloro-3-methylphenol

Concen: 9.042 ng

RT: 12.251 min Scan# 1541

Delta R.T. 0.000 min

Lab File: BP013547.D

Acq: 23 Jan 2023 12:34

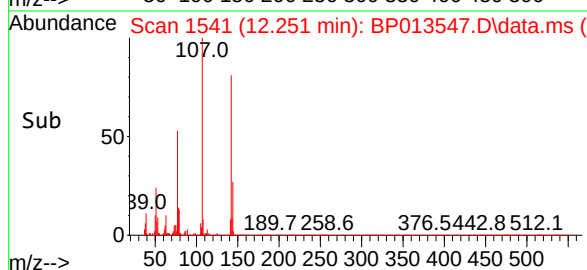
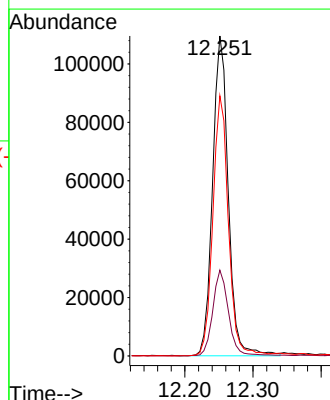
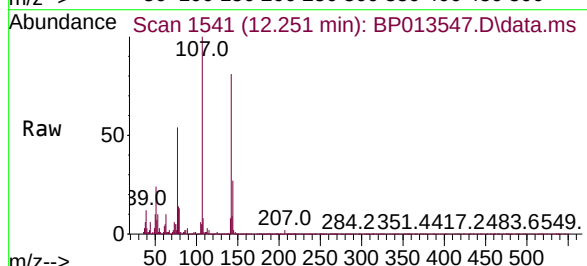
Tgt Ion:107 Resp: 175182

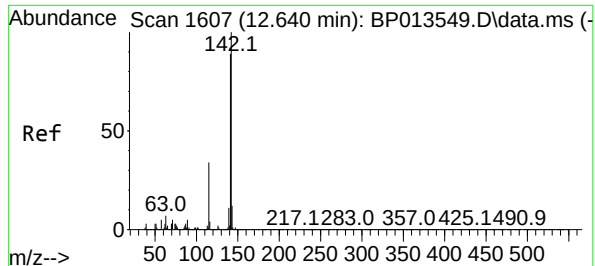
Ion Ratio Lower Upper

107 100

144 26.8 21.1 31.7

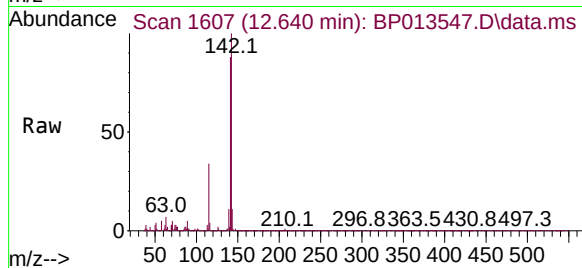
142 81.3 64.0 96.0





#37
2-Methylnaphthalene
Concen: 9.739 ng
RT: 12.640 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34

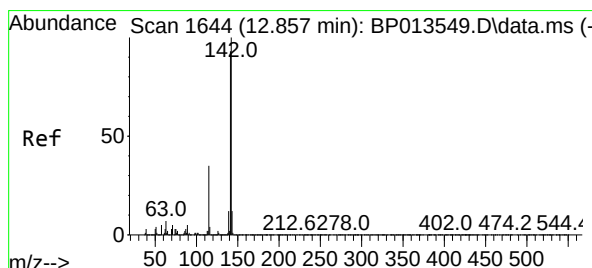
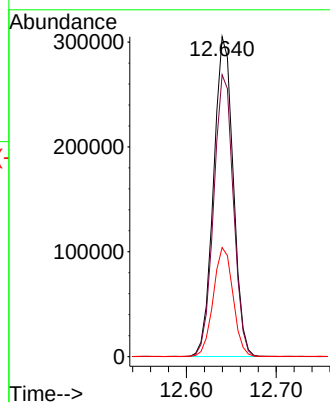
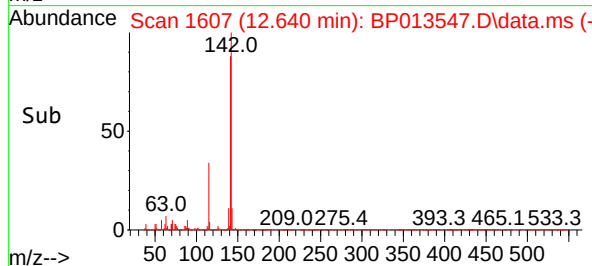
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



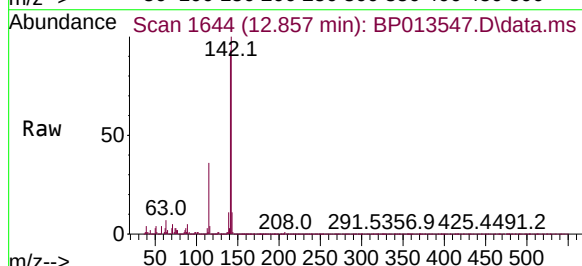
Tgt Ion:142 Resp: 464090
Ion Ratio Lower Upper
142 100
141 88.1 71.4 107.2
115 34.1 27.4 41.2

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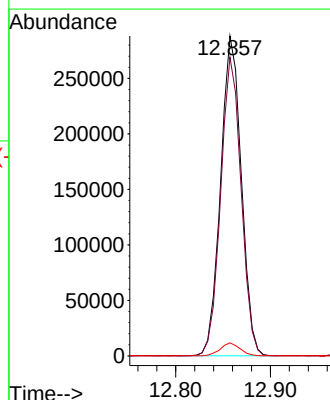
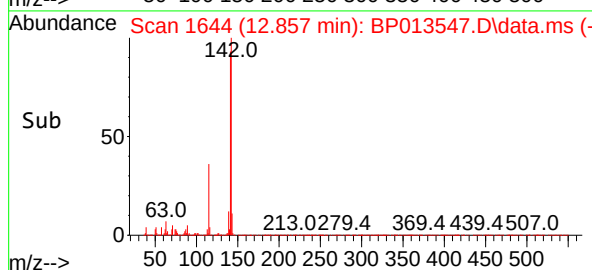
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

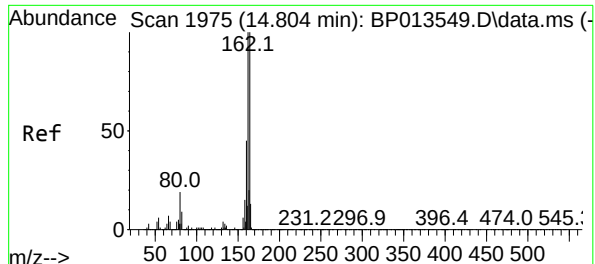


#38
1-Methylnaphthalene
Concen: 9.764 ng
RT: 12.857 min Scan# 1644
Delta R.T. 0.000 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34



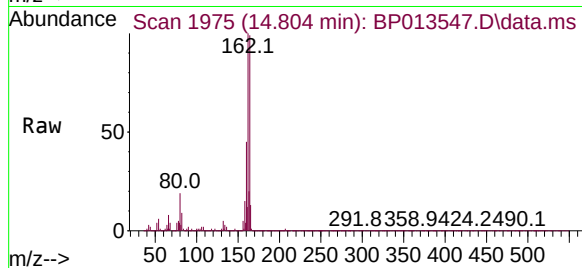
Tgt Ion:142 Resp: 437204
Ion Ratio Lower Upper
142 100
141 93.4 74.3 111.5
116 4.1 3.0 4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.804 min Scan# 1975
Delta R.T. 0.000 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34

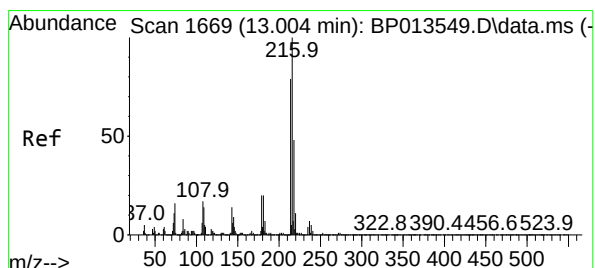
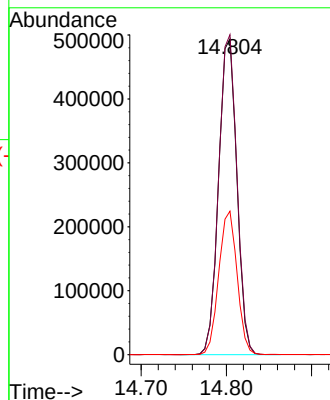
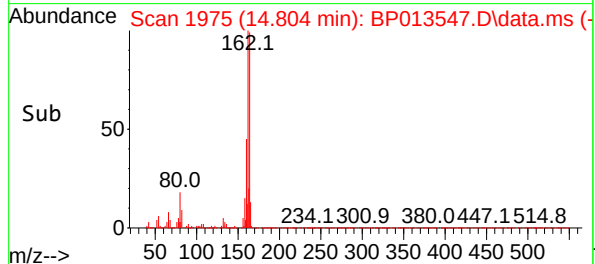
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



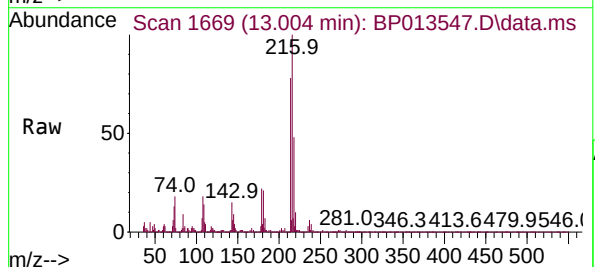
Tgt Ion:164 Resp: 733503
Ion Ratio Lower Upper
164 100
162 101.4 80.1 120.1
160 45.4 35.9 53.9

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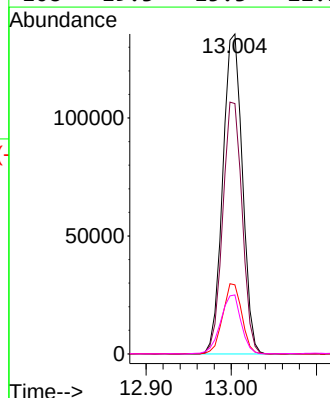
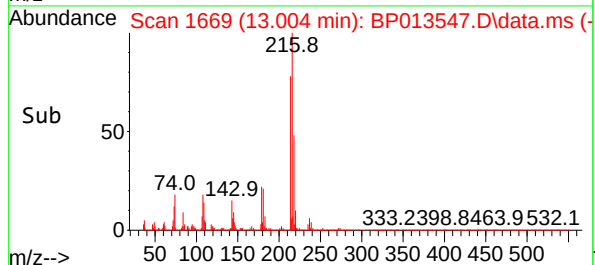
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

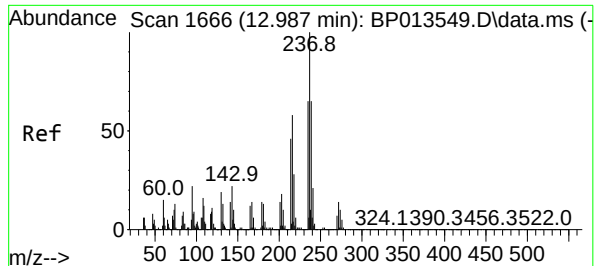


#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.593 ng
RT: 13.004 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34



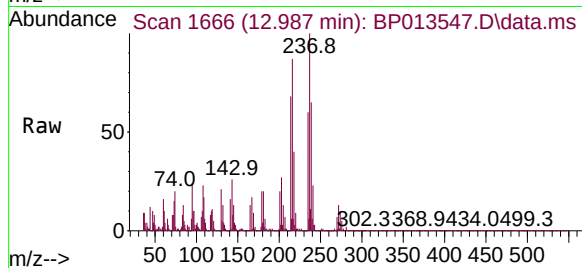
Tgt Ion:216 Resp: 216644
Ion Ratio Lower Upper
216 100
214 77.7 62.9 94.3
179 21.3 16.6 24.8
108 19.3 15.3 22.9





#41
Hexachlorocyclopentadiene
Concen: 7.533 ng
RT: 12.987 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34

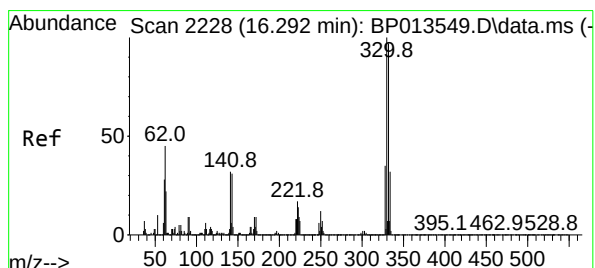
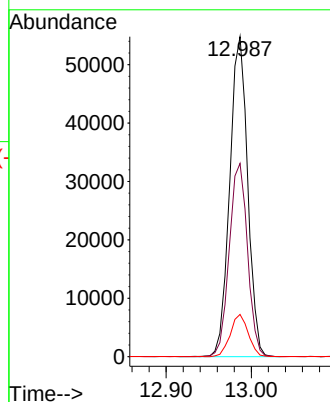
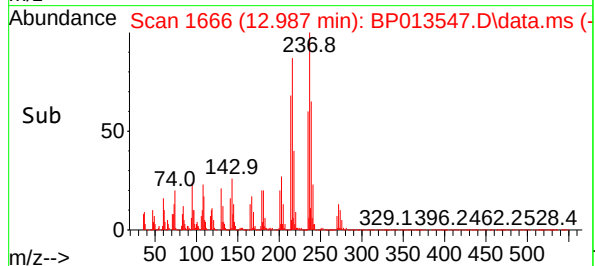
Instrument :
BNA_P
Client Sample Id :
SSTDICC010



Tgt Ion: 237 Resp: 80072
Ion Ratio Lower Upper
237 100
235 60.4 44.6 84.6
272 13.2 0.0 33.9

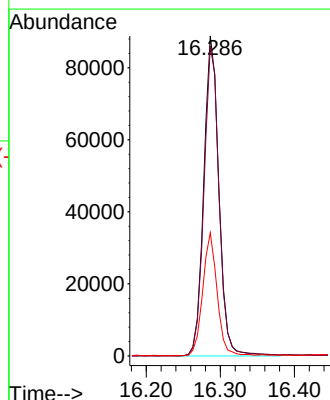
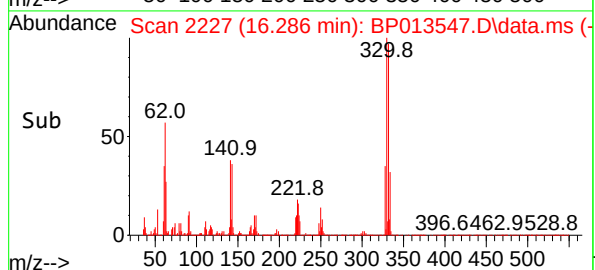
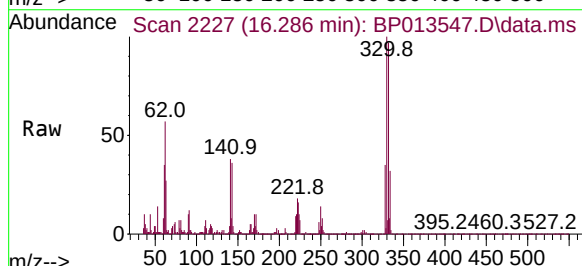
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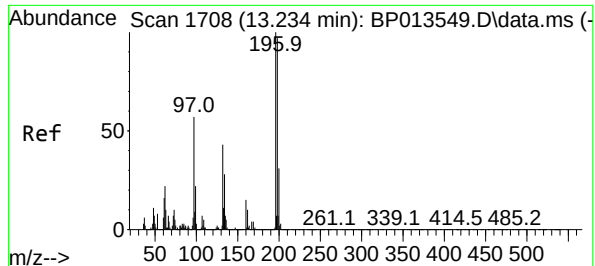
Reviewed By : Christian Giraldo 01/24/2023
Supervised By : Jagrut Upadhyay 01/24/2023



#42
2,4,6-Tribromophenol
Concen: 16.458 ng
RT: 16.286 min Scan# 2227
Delta R.T. -0.006 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34

Tgt Ion: 330 Resp: 125860
Ion Ratio Lower Upper
330 100
332 97.2 77.4 116.2
141 36.5 27.6 41.4





#43

2,4,6-Trichlorophenol

Concen: 8.595 ng

RT: 13.234 min Scan# 1708

Delta R.T. 0.000 min

Lab File: BP013547.D

Acq: 23 Jan 2023 12:34

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:196 Resp: 113601

Ion Ratio Lower Upper

196 100

198 94.9 77.3 115.9

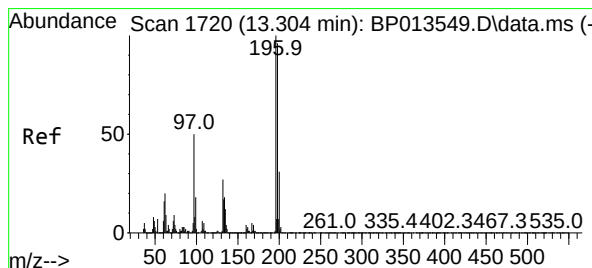
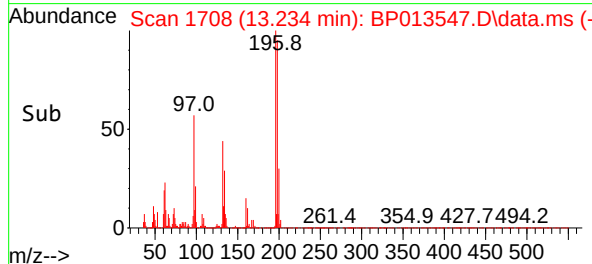
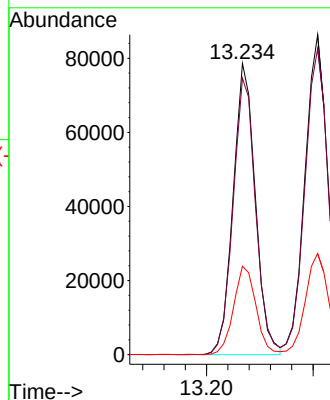
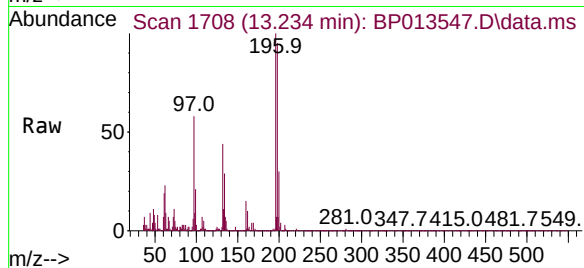
200 30.4 24.6 36.8

Manual Integrations

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Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#44

2,4,5-Trichlorophenol

Concen: 8.673 ng

RT: 13.304 min Scan# 1720

Delta R.T. 0.000 min

Lab File: BP013547.D

Acq: 23 Jan 2023 12:34

Tgt Ion:196 Resp: 135447

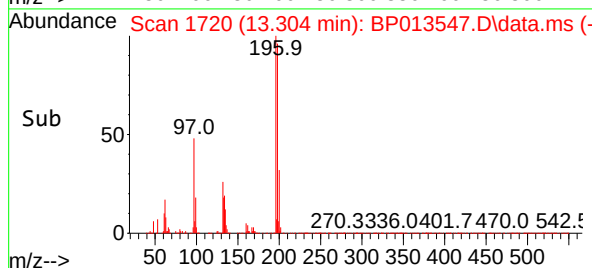
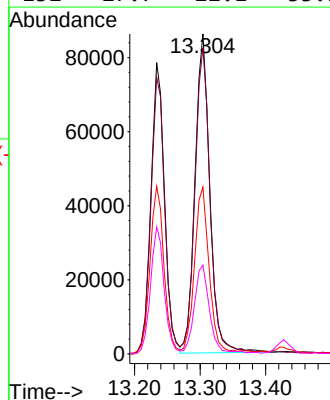
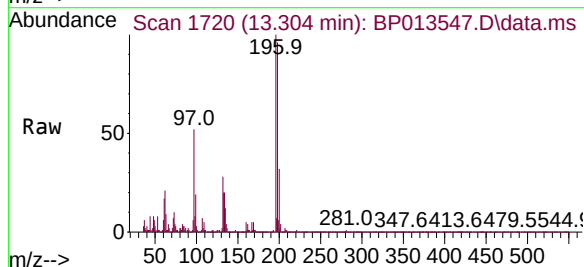
Ion Ratio Lower Upper

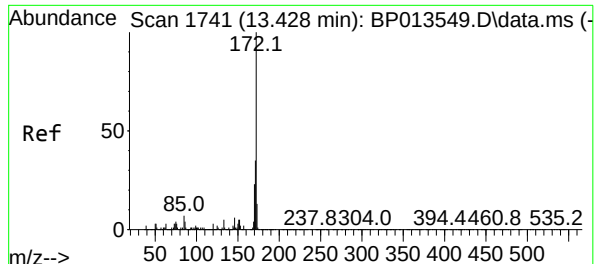
196 100

198 95.7 76.7 115.1

97 52.1 40.0 60.0

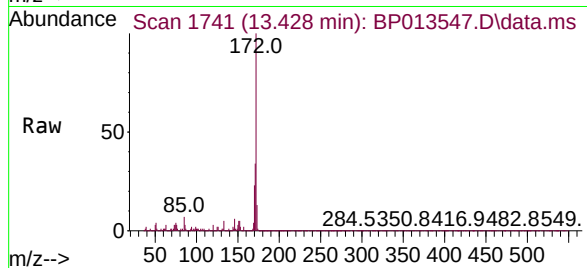
132 27.7 22.1 33.1





#45
2-Fluorobiphenyl
Concen: 19.879 ng
RT: 13.428 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34

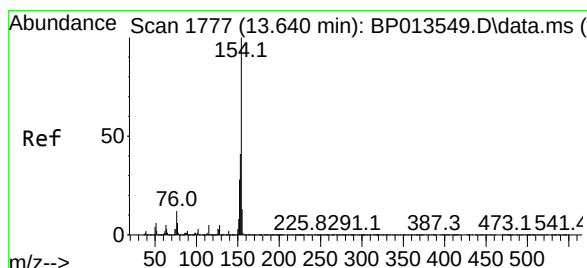
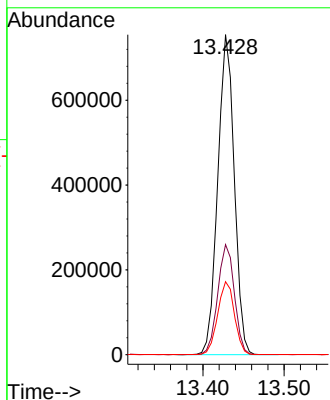
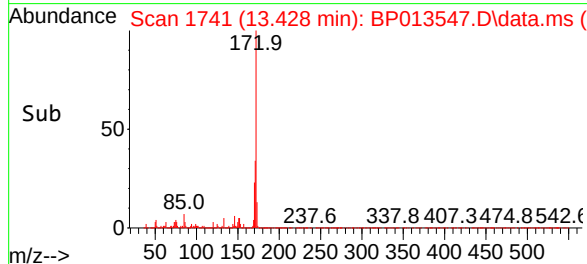
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



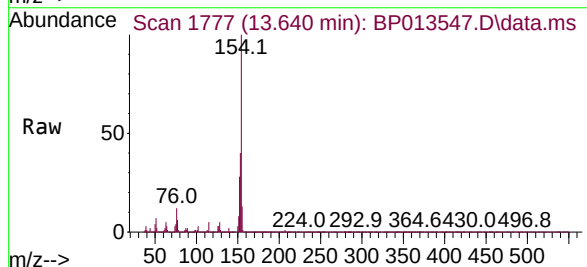
Tgt Ion:172 Resp: 106226
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.8
170 22.8 18.6 27.8

Manual Integrations
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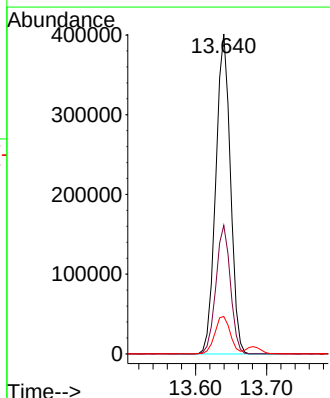
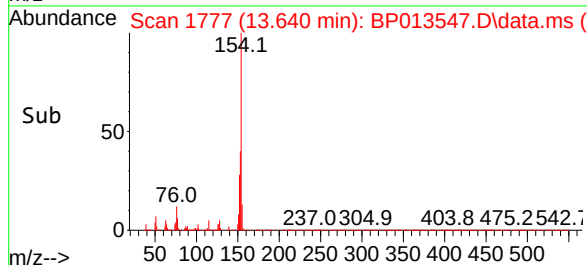
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

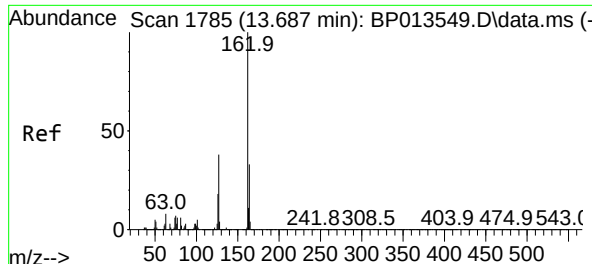


#46
1,1'-Biphenyl
Concen: 9.749 ng
RT: 13.640 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34



Tgt Ion:154 Resp: 574308
Ion Ratio Lower Upper
154 100
153 40.2 20.5 60.5
76 11.7 0.0 32.1





#47

2-Chloronaphthalene

Concen: 9.729 ng

RT: 13.681 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP013547.D

Acq: 23 Jan 2023 12:34

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:162 Resp: 429374

Ion Ratio Lower Upper

162 100

127 38.9 30.8 46.2

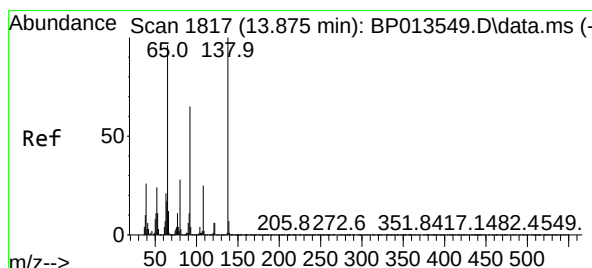
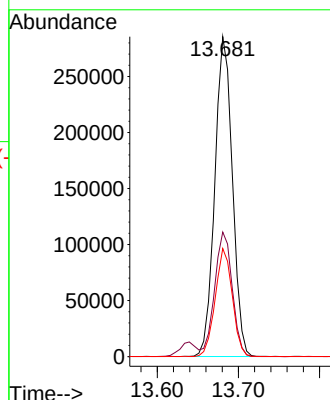
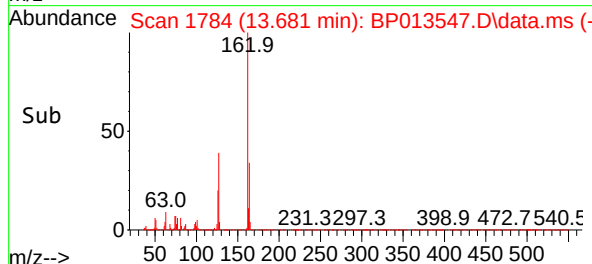
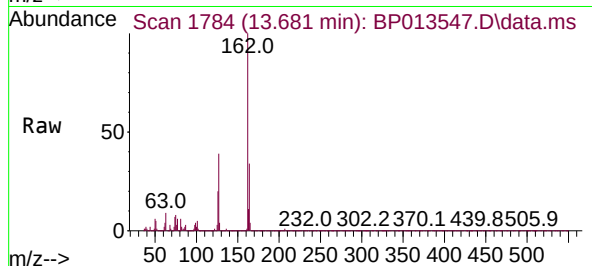
164 33.8 26.2 39.2

Manual Integrations

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Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#48

2-Nitroaniline

Concen: 6.293 ng

RT: 13.875 min Scan# 1817

Delta R.T. 0.000 min

Lab File: BP013547.D

Acq: 23 Jan 2023 12:34

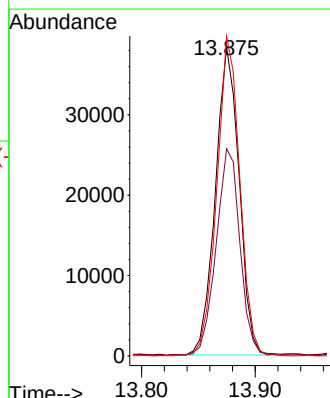
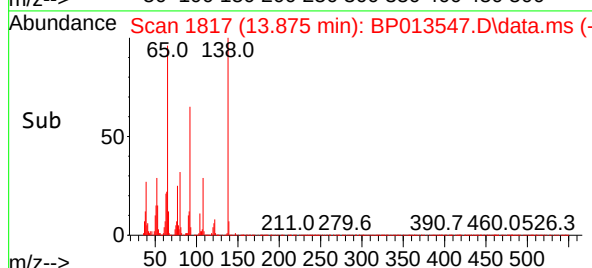
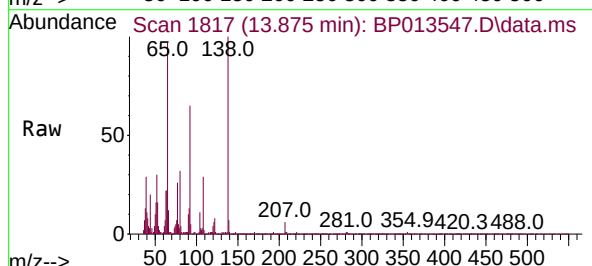
Tgt Ion: 65 Resp: 55566

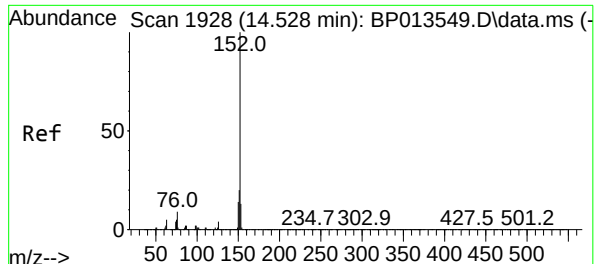
Ion Ratio Lower Upper

65 100

92 67.1 54.1 81.1

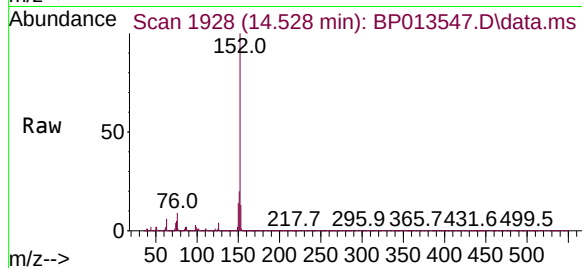
138 103.6 83.6 125.4





#49
Acenaphthylene
Concen: 9.659 ng
RT: 14.528 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34

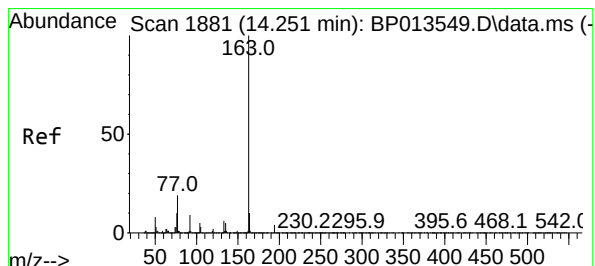
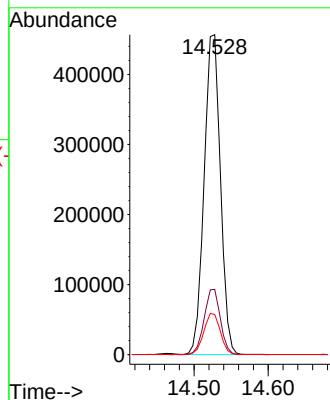
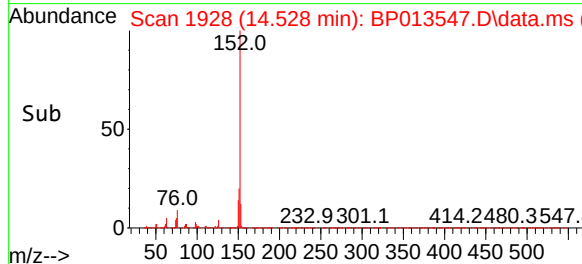
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



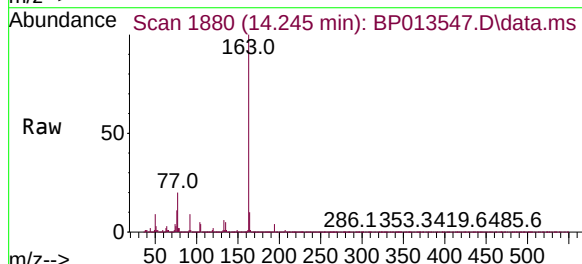
Tgt Ion:152 Resp: 697120
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1
153 12.5 10.1 15.1

Manual Integrations
APPROVED

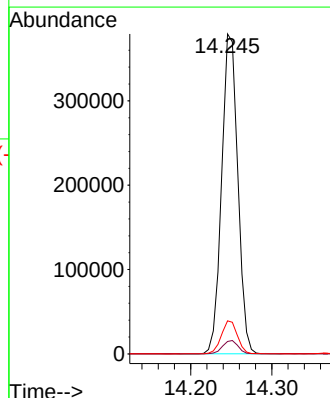
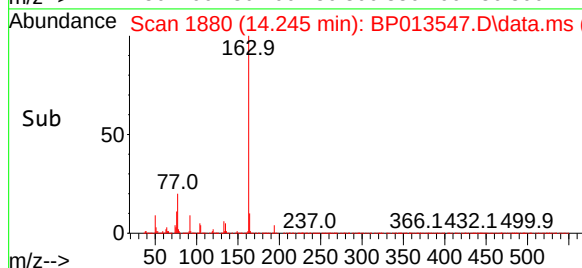
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

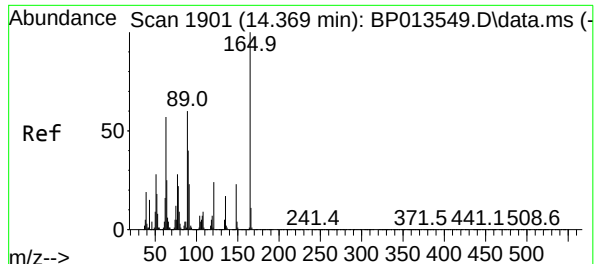


#50
Dimethylphthalate
Concen: 9.612 ng
RT: 14.245 min Scan# 1880
Delta R.T. -0.006 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34



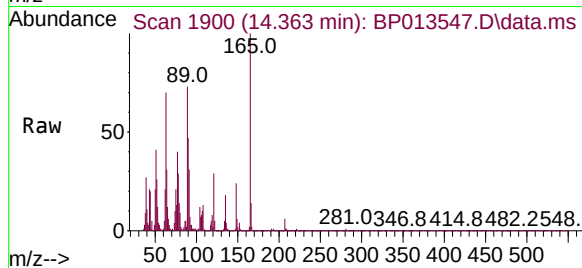
Tgt Ion:163 Resp: 524089
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.3 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 6.872 ng
RT: 14.363 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34

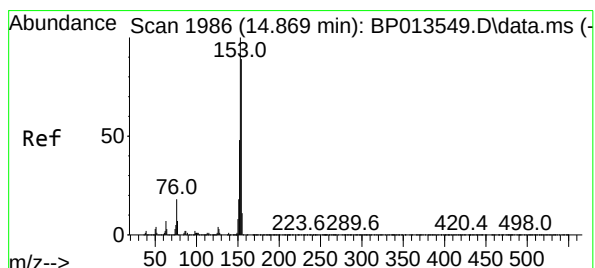
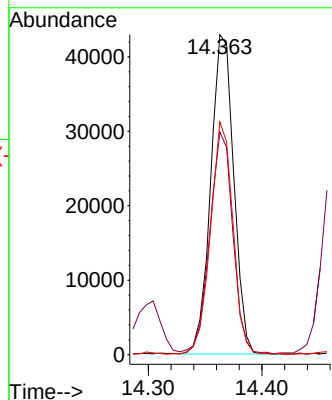
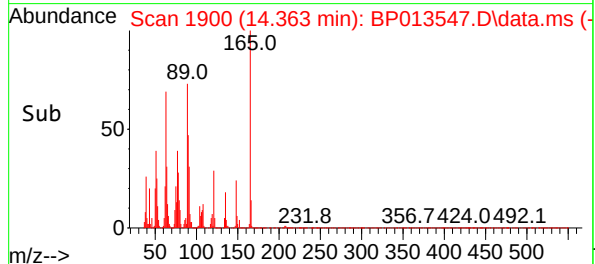
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:165 Resp: 60503
Ion Ratio Lower Upper
165 100
63 69.6 47.2 70.8
89 72.7 47.8 71.6

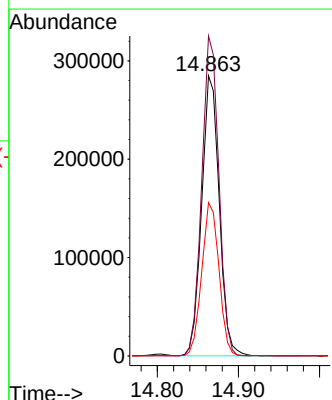
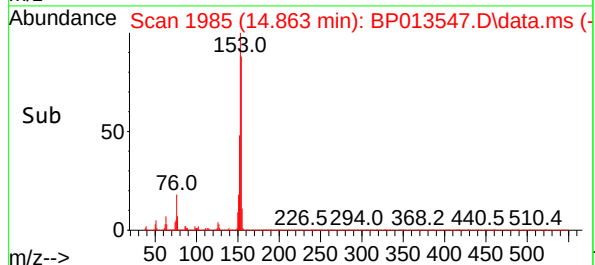
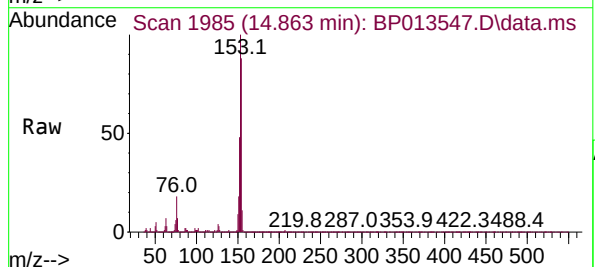
Manual Integrations
APPROVED

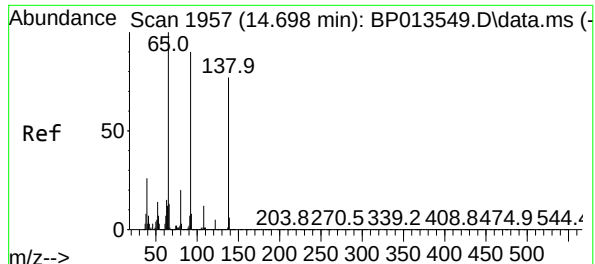
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#52
Acenaphthene
Concen: 9.583 ng
RT: 14.863 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34

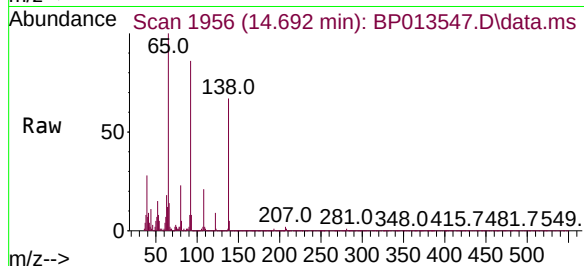
Tgt Ion:154 Resp: 427245
Ion Ratio Lower Upper
154 100
153 114.3 89.4 134.0
152 54.8 42.7 64.1





#53
3-Nitroaniline
Concen: 7.064 ng
RT: 14.692 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34

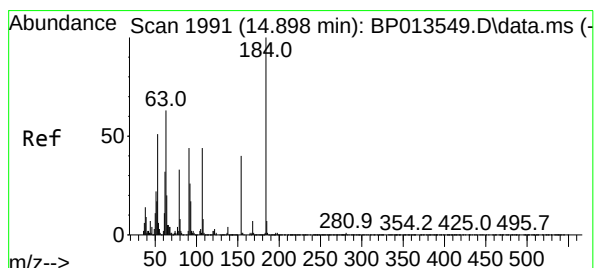
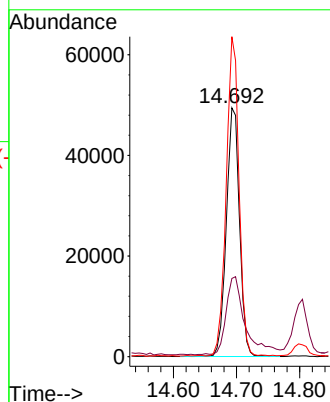
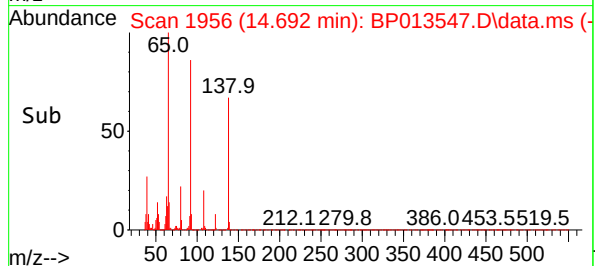
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:138 Resp: 71299
Ion Ratio Lower Upper
138 100
108 31.4 12.8 19.2#
92 128.7 93.3 139.9

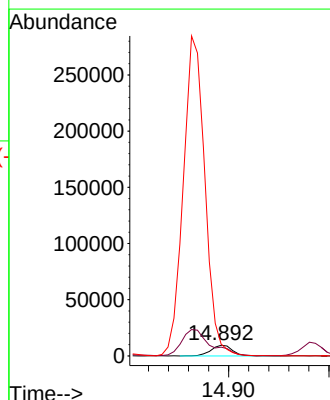
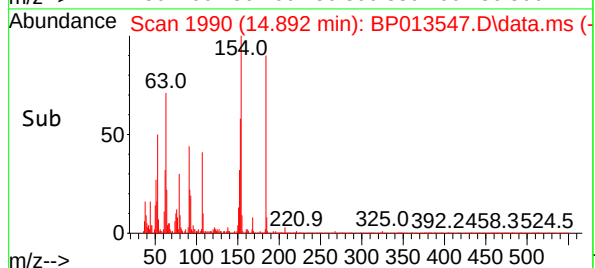
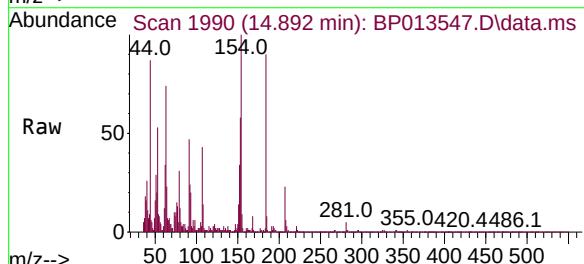
Manual Integrations
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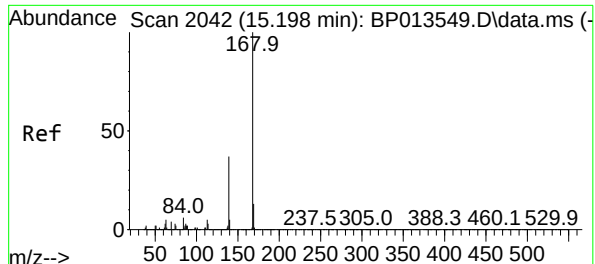
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#54
2,4-Dinitrophenol
Concen: 5.152 ng
RT: 14.892 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34

Tgt Ion:184 Resp: 13822
Ion Ratio Lower Upper
184 100
63 82.1 53.2 79.8#
154 111.5 54.4 81.6#





#55

Dibenzofuran

Concen: 9.826 ng

RT: 15.198 min Scan# 2042

Delta R.T. 0.000 min

Lab File: BP013547.D

Acq: 23 Jan 2023 12:34

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:168 Resp: 671763

Ion Ratio Lower Upper

168 100

139 37.2 29.9 44.9

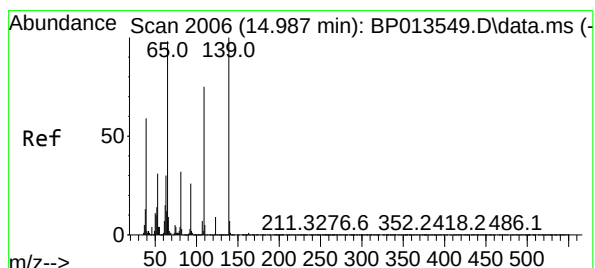
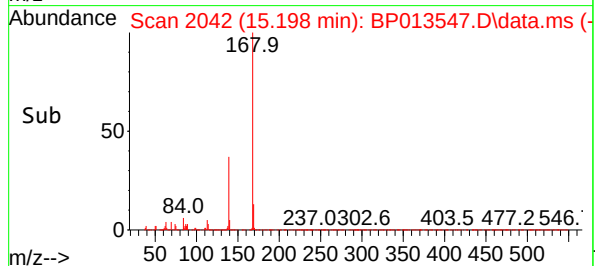
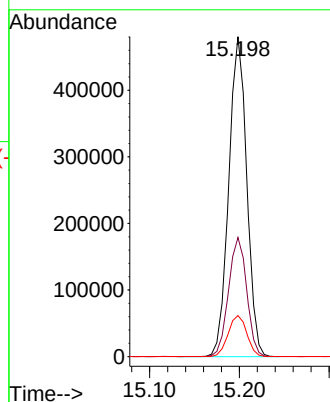
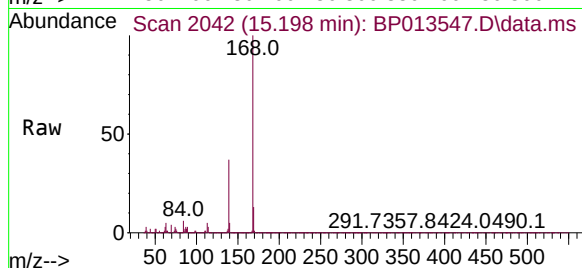
169 12.8 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#56

4-Nitrophenol

Concen: 6.462 ng

RT: 14.981 min Scan# 2005

Delta R.T. -0.006 min

Lab File: BP013547.D

Acq: 23 Jan 2023 12:34

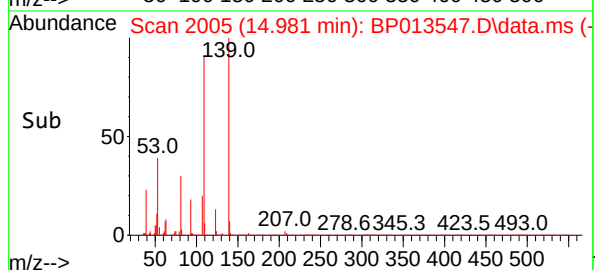
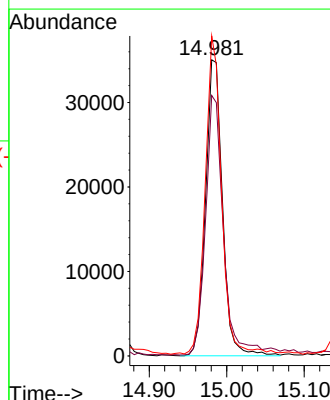
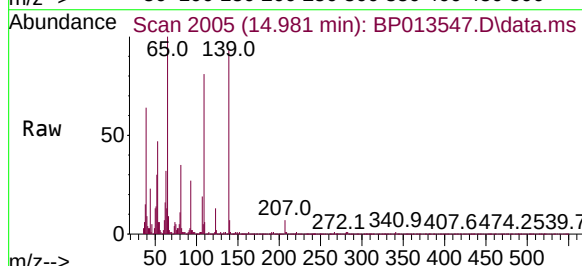
Tgt Ion:139 Resp: 53210

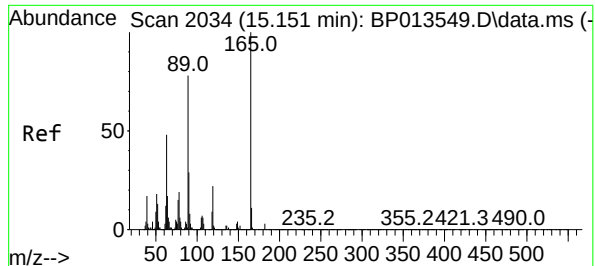
Ion Ratio Lower Upper

139 100

109 87.9 55.0 95.0

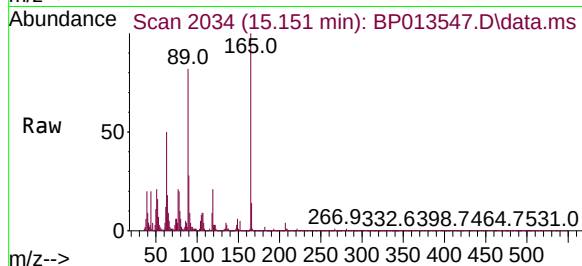
65 108.1 77.7 117.7





#57
2,4-Dinitrotoluene
Concen: 6.071 ng
RT: 15.151 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34

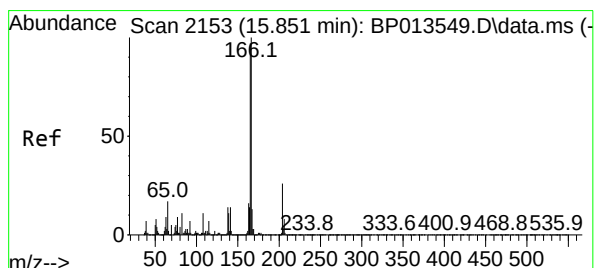
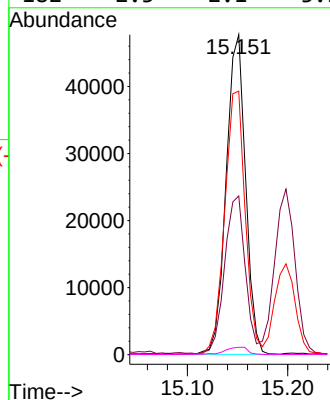
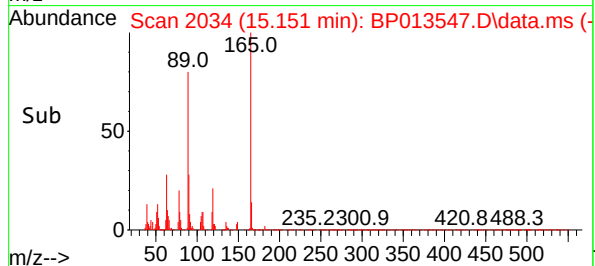
Instrument :
BNA_P
Client Sample Id :
SSTDICC010



Tgt Ion:165 Resp: 64262
Ion Ratio Lower Upper
165 100
63 49.6 38.3 57.5
89 82.3 62.1 93.1
182 2.3 2.1 3.1

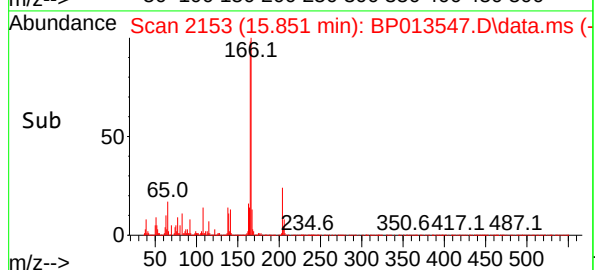
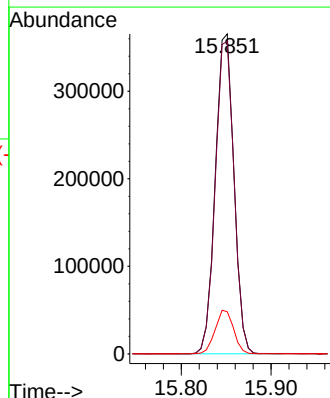
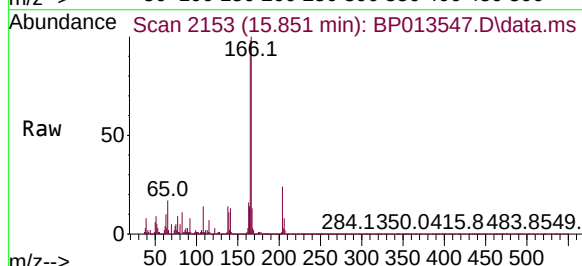
Manual Integrations
APPROVED

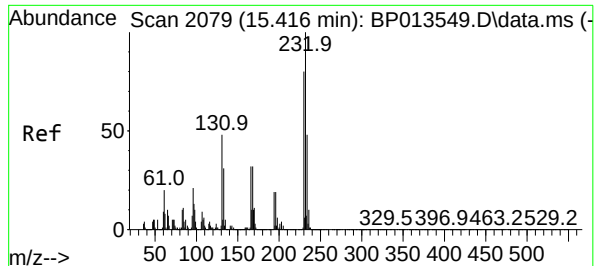
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#58
Fluorene
Concen: 9.753 ng
RT: 15.851 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34

Tgt Ion:166 Resp: 529954
Ion Ratio Lower Upper
166 100
165 97.7 77.8 116.8
167 13.2 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 8.692 ng m

RT: 15.416 min Scan# 2079

Delta R.T. 0.000 min

Lab File: BP013547.D

Acq: 23 Jan 2023 12:34

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:232 Resp: 104236

Ion Ratio Lower Upper

232 100

131 40.1 37.1 55.7

130 2.6 1.9 2.9

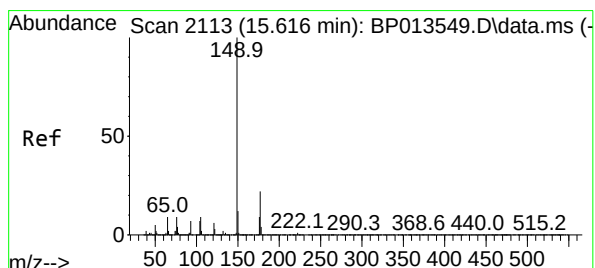
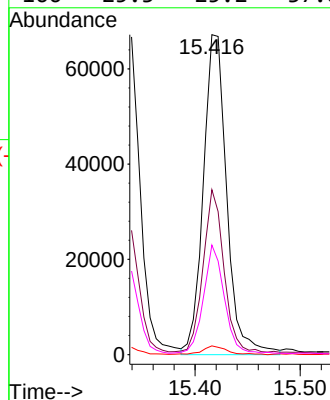
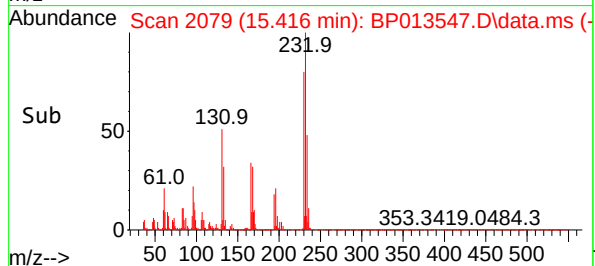
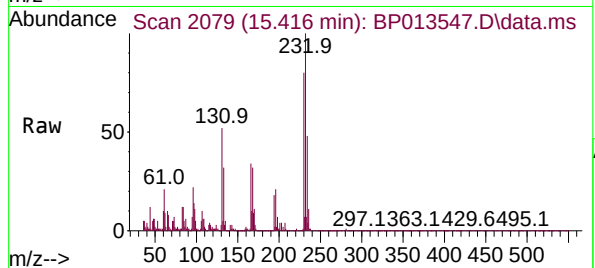
166 25.3 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#60

Diethylphthalate

Concen: 9.527 ng

RT: 15.610 min Scan# 2112

Delta R.T. -0.006 min

Lab File: BP013547.D

Acq: 23 Jan 2023 12:34

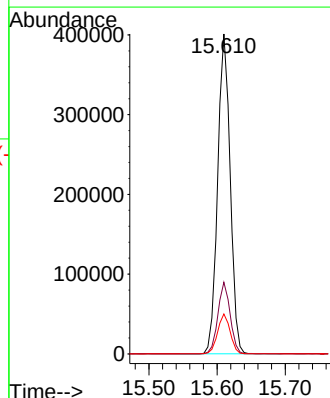
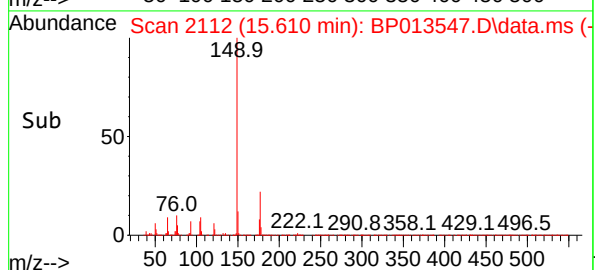
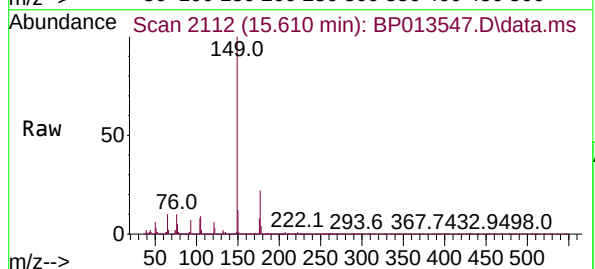
Tgt Ion:149 Resp: 507345

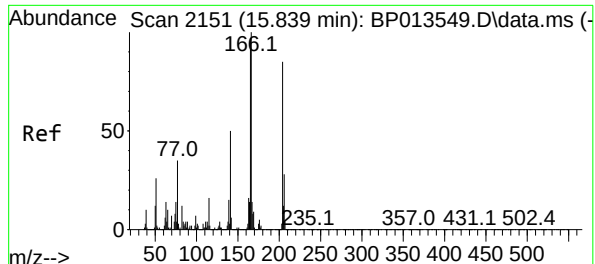
Ion Ratio Lower Upper

149 100

177 22.4 17.8 26.6

150 12.5 9.8 14.6





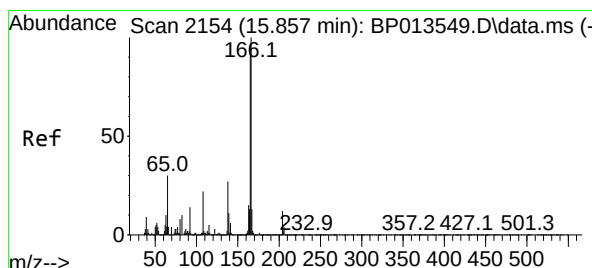
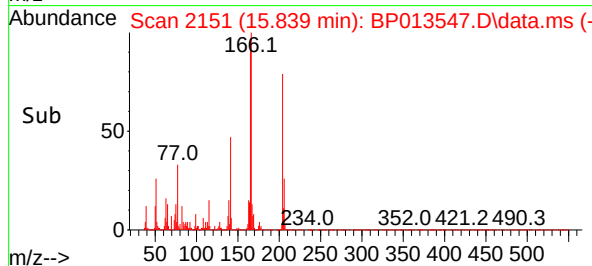
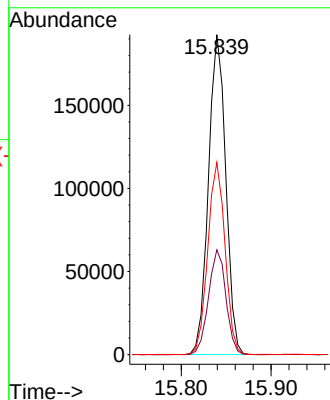
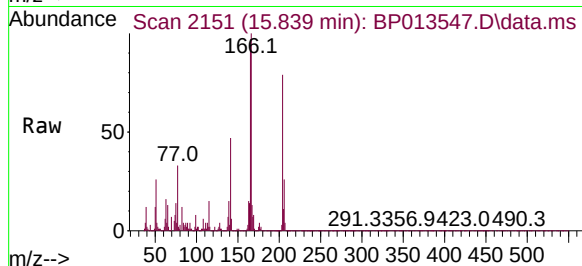
#61
4-Chlorophenyl-phenylether
Concen: 9.679 ng
RT: 15.839 min Scan# 2151
Delta R.T. 0.000 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:204 Resp: 258614
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 60.0 47.0 70.4

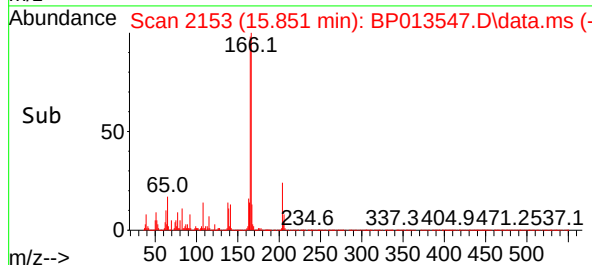
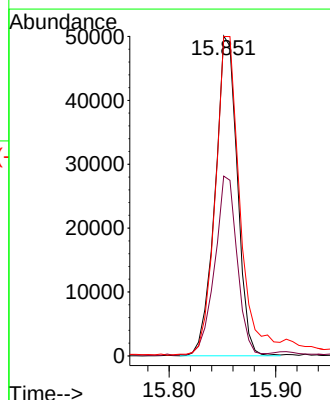
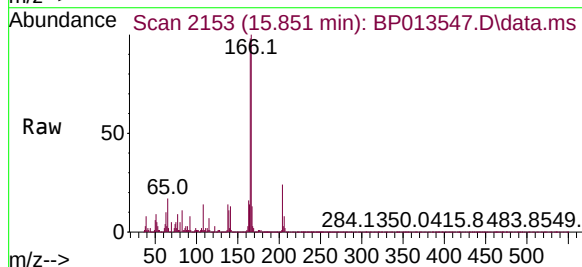
Manual Integrations
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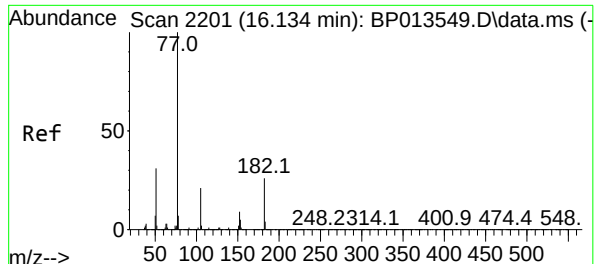
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#62
4-Nitroaniline
Concen: 7.053 ng
RT: 15.851 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34

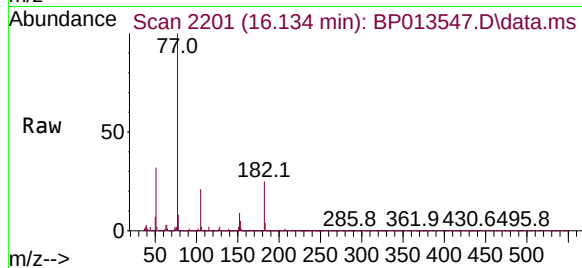
Tgt Ion:138 Resp: 72632
Ion Ratio Lower Upper
138 100
92 56.2 32.3 72.3
108 99.8 59.2 99.2#





#63
Azobenzene
Concen: 9.839 ng
RT: 16.134 min Scan# 2201
Delta R.T. 0.000 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34

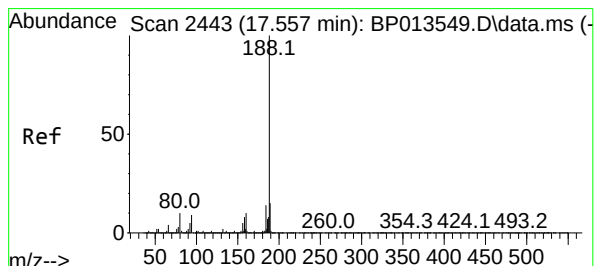
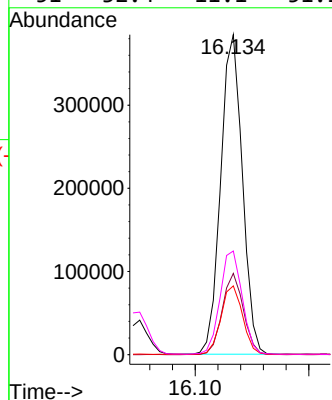
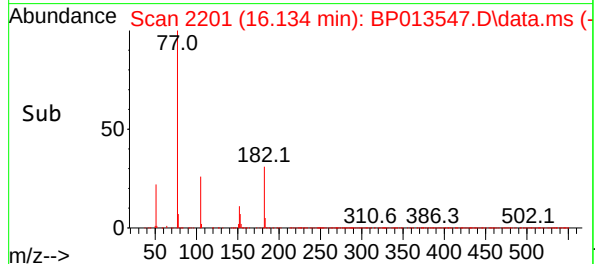
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 77 Resp: 509151
Ion Ratio Lower Upper
77 100
182 25.4 5.5 45.5
105 21.5 1.4 41.4
51 32.4 11.1 51.1

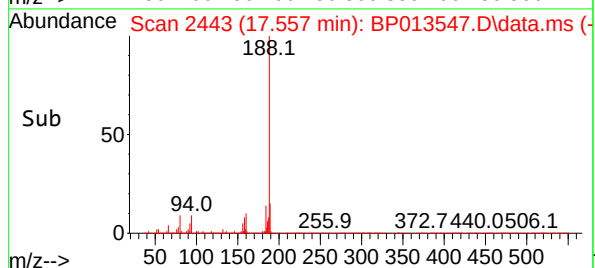
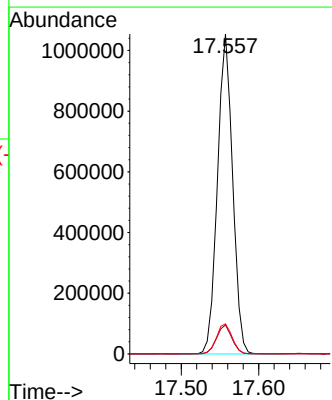
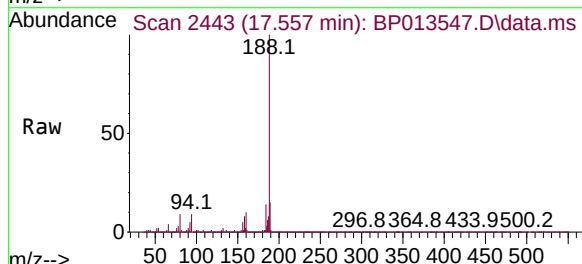
Manual Integrations
APPROVED

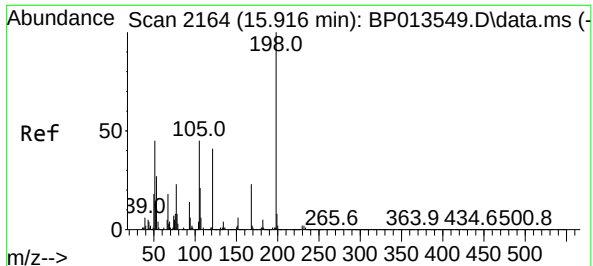
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.557 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34

Tgt Ion:188 Resp: 1433151
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 9.4 8.2 12.2





#65

4,6-Dinitro-2-methylphenol

Concen: 4.611 ng

RT: 15.910 min Scan# 2164

Delta R.T. -0.006 min

Lab File: BP013547.D

Acq: 23 Jan 2023 12:34

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:198 Resp: 19099

Ion Ratio Lower Upper

198 100

51 57.8 30.4 70.4

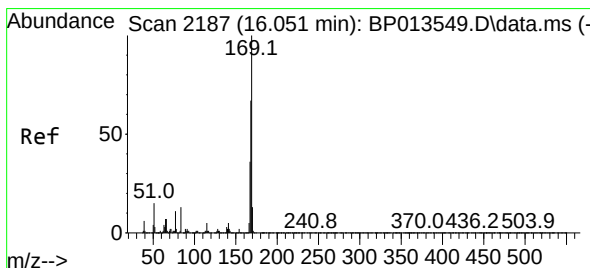
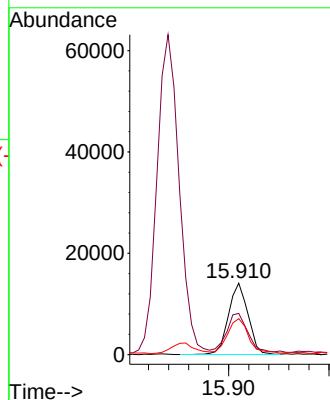
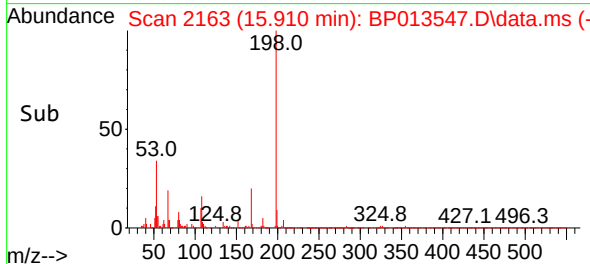
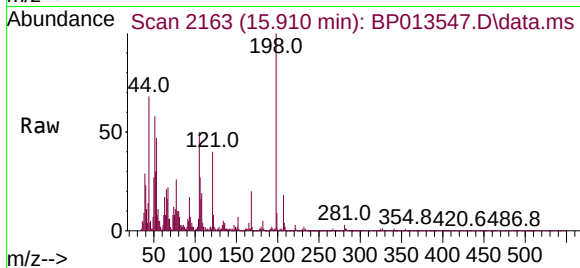
105 50.4 26.4 66.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#66

n-Nitrosodiphenylamine

Concen: 9.677 ng

RT: 16.051 min Scan# 2187

Delta R.T. 0.000 min

Lab File: BP013547.D

Acq: 23 Jan 2023 12:34

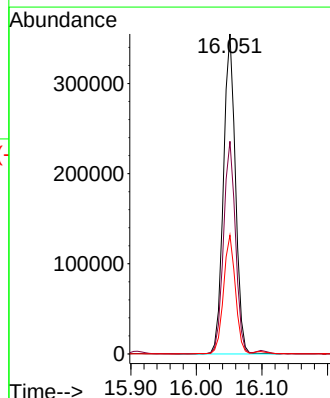
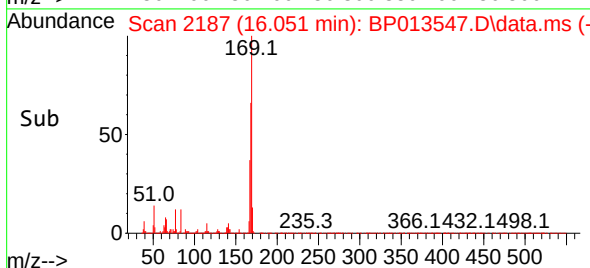
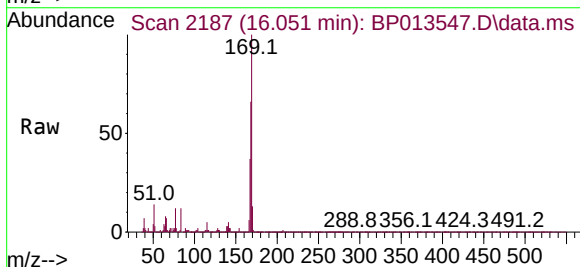
Tgt Ion:169 Resp: 452272

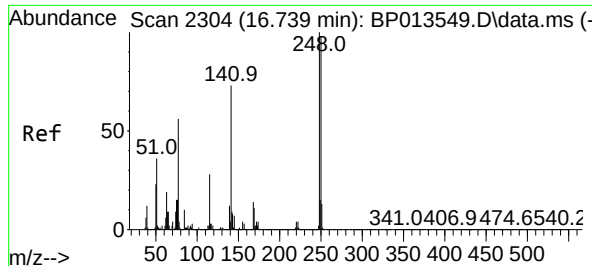
Ion Ratio Lower Upper

169 100

168 66.4 54.0 81.0

167 37.1 29.0 43.6





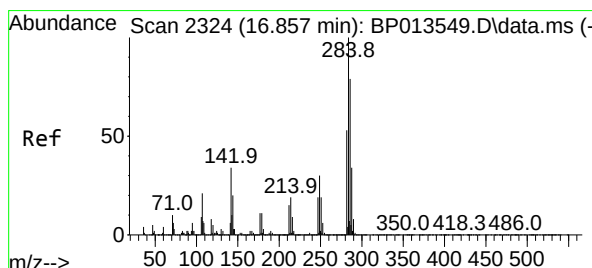
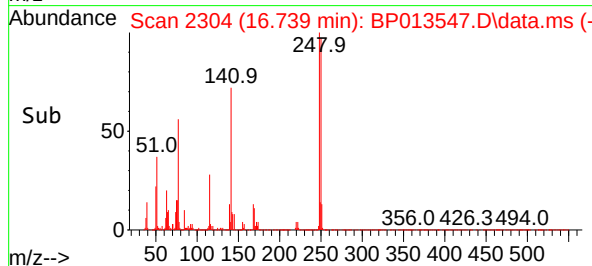
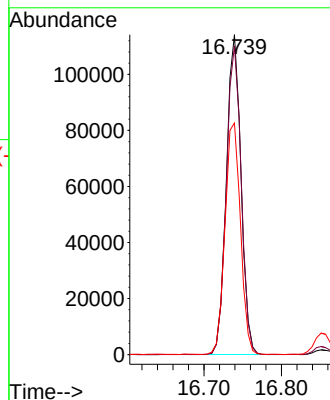
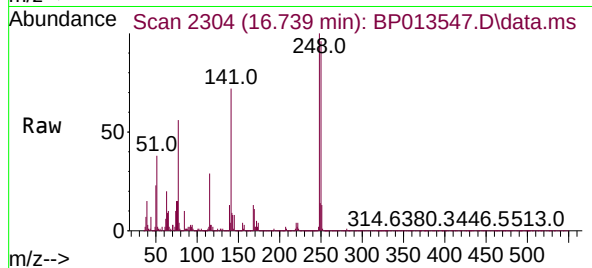
#67
4-Bromophenyl-phenylether
Concen: 9.463 ng
RT: 16.739 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:248 Resp: 150227
Ion Ratio Lower Upper
248 100
250 96.5 78.1 117.1
141 72.4 58.1 87.1

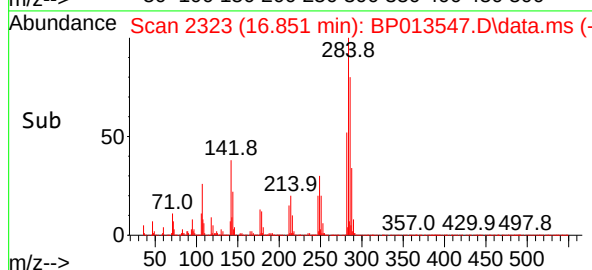
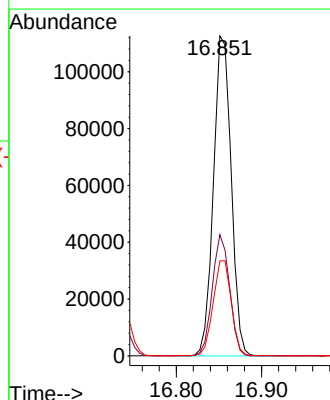
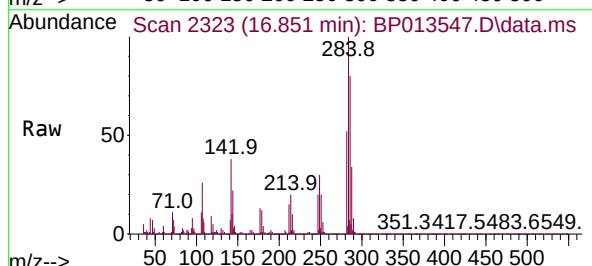
Manual Integrations
APPROVED

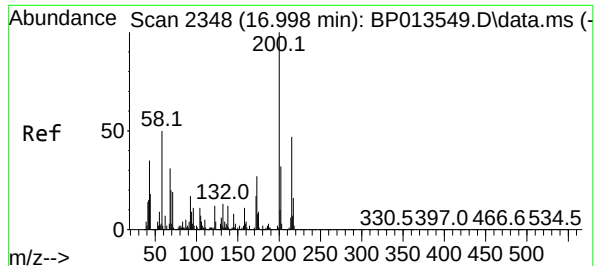
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#68
Hexachlorobenzene
Concen: 9.478 ng
RT: 16.851 min Scan# 2323
Delta R.T. -0.006 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34

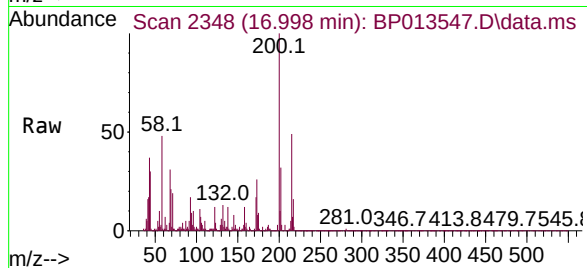
Tgt Ion:284 Resp: 162523
Ion Ratio Lower Upper
284 100
142 37.9 27.3 40.9
249 29.7 24.0 36.0





#69
Atrazine
Concen: 9.172 ng
RT: 16.998 min Scan# 2348
Delta R.T. 0.000 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34

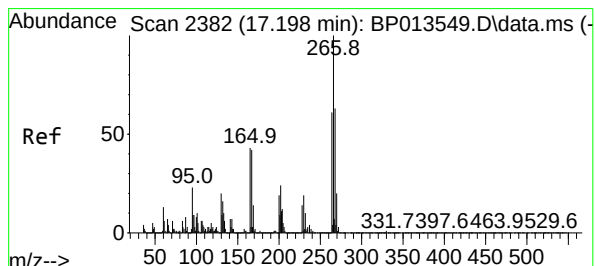
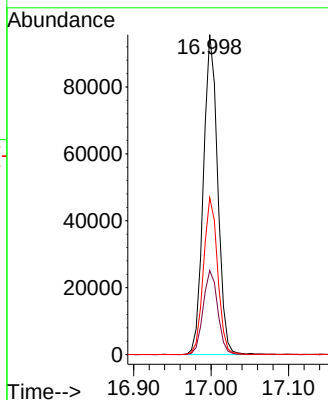
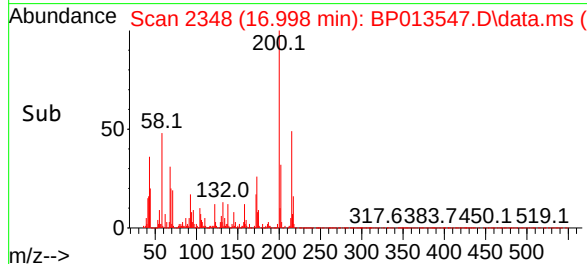
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 200 Resp: 12265
Ion Ratio Lower Upper
200 100
173 26.3 7.2 47.2
215 49.0 27.3 67.3

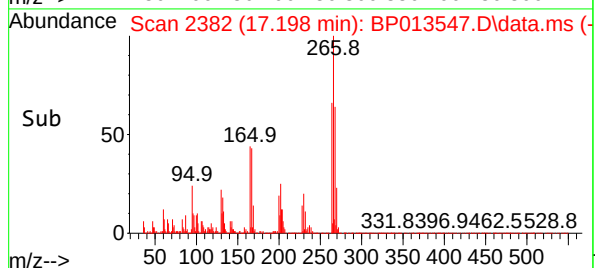
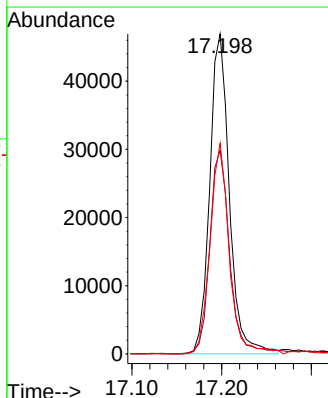
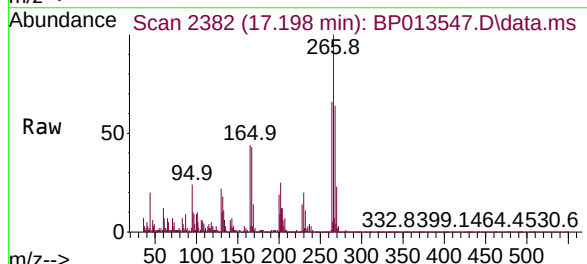
Manual Integrations
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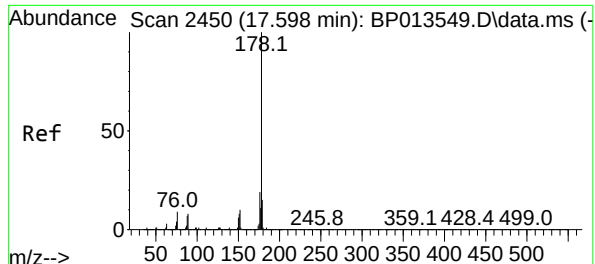
Reviewed By : Christian Giraldo 01/24/2023
Supervised By : Jagrut Upadhyay 01/24/2023



#70
Pentachlorophenol
Concen: 7.127 ng
RT: 17.198 min Scan# 2382
Delta R.T. 0.000 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34

Tgt Ion: 266 Resp: 71173
Ion Ratio Lower Upper
266 100
268 63.6 50.7 76.1
264 65.8 48.9 73.3





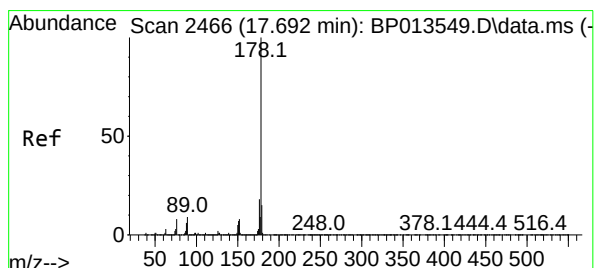
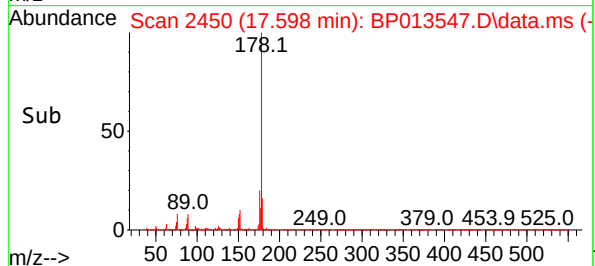
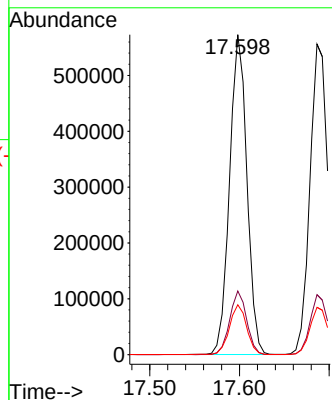
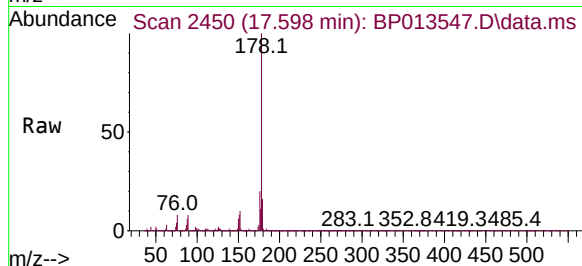
#71
Phenanthrene
Concen: 9.659 ng
RT: 17.598 min Scan# 2450
Delta R.T. 0.000 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 770165
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 15.6 12.2 18.4

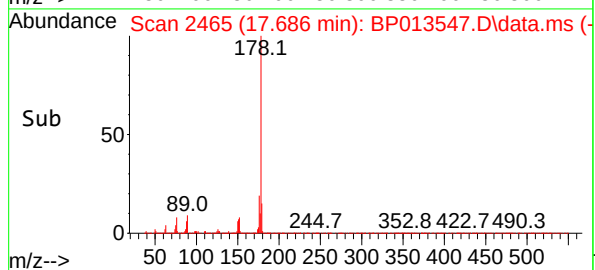
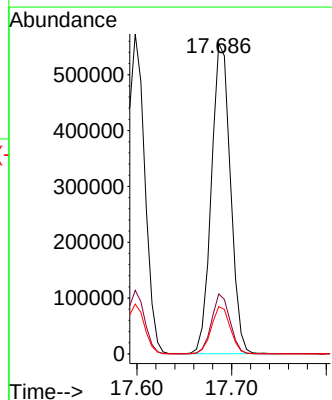
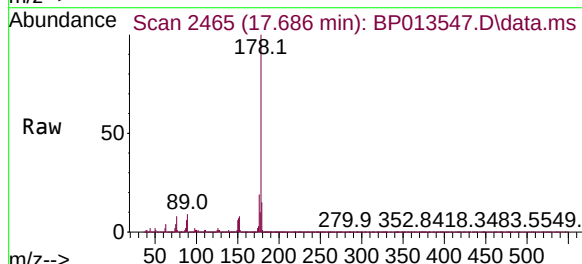
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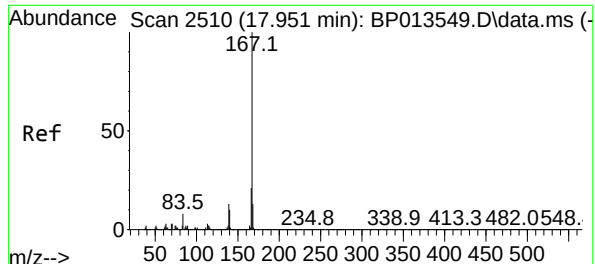
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#72
Anthracene
Concen: 9.607 ng
RT: 17.686 min Scan# 2465
Delta R.T. -0.006 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34

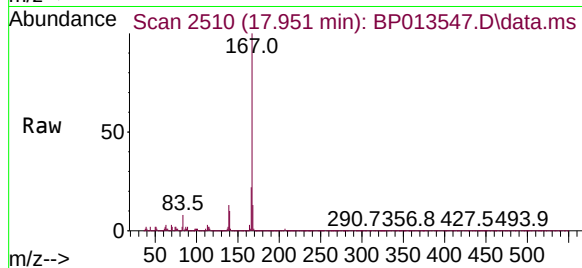
Tgt Ion:178 Resp: 777509
Ion Ratio Lower Upper
178 100
176 19.3 14.6 22.0
179 15.2 12.3 18.5





#73
 Carbazole
 Concen: 9.478 ng
 RT: 17.951 min Scan# 2510
 Delta R.T. 0.000 min
 Lab File: BP013547.D
 Acq: 23 Jan 2023 12:34

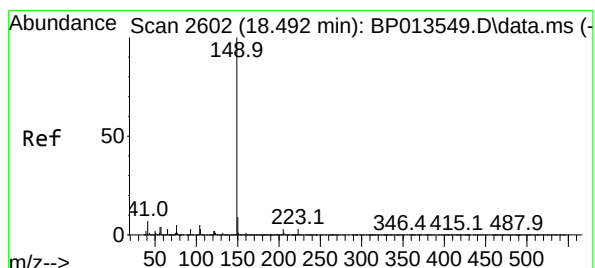
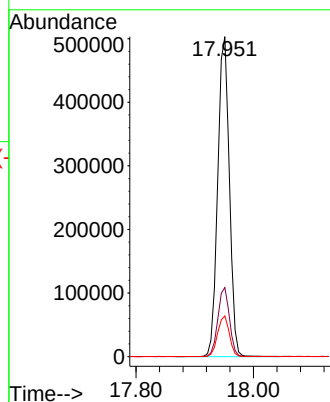
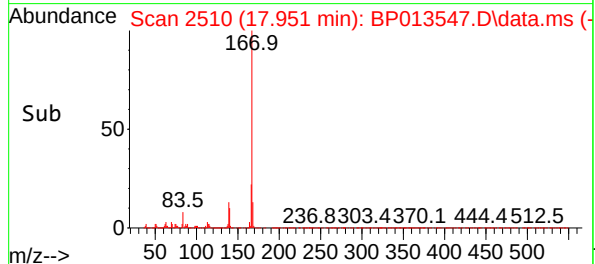
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC010



Tgt Ion:167 Resp: 68935
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 12.7 10.3 15.5

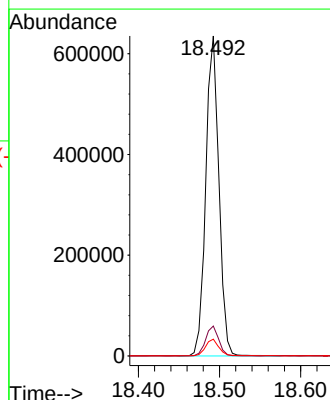
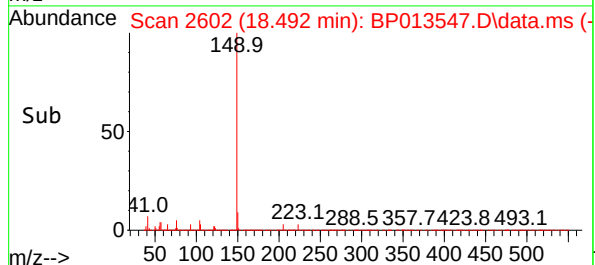
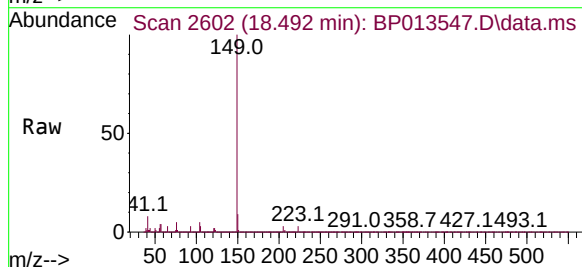
Manual Integrations
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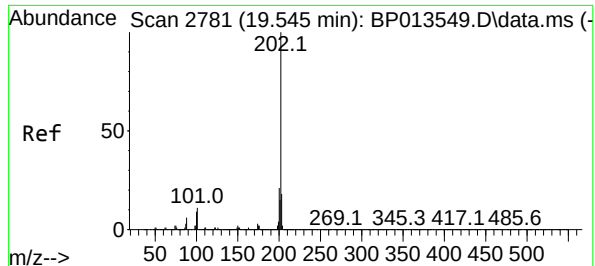
Reviewed By :Christian Giraldo 01/24/2023
 Supervised By :Jagrut Upadhyay 01/24/2023



#74
 Di-n-butylphthalate
 Concen: 8.816 ng
 RT: 18.492 min Scan# 2602
 Delta R.T. 0.000 min
 Lab File: BP013547.D
 Acq: 23 Jan 2023 12:34

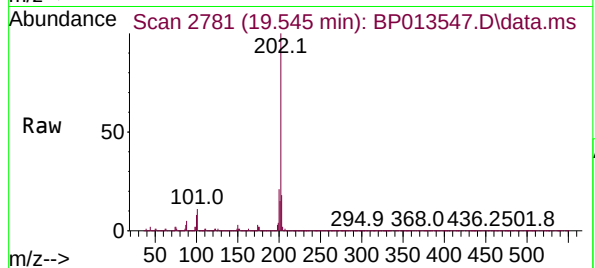
Tgt Ion:149 Resp: 713660
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.2 3.9 5.9





#75
Fluoranthene
Concen: 9.209 ng
RT: 19.545 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34

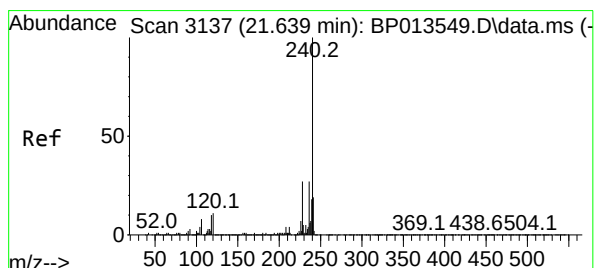
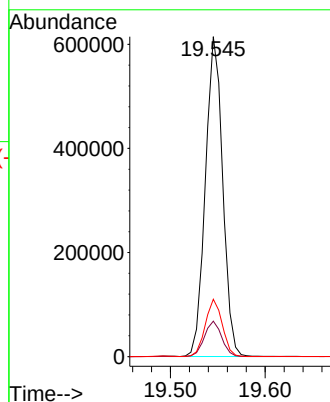
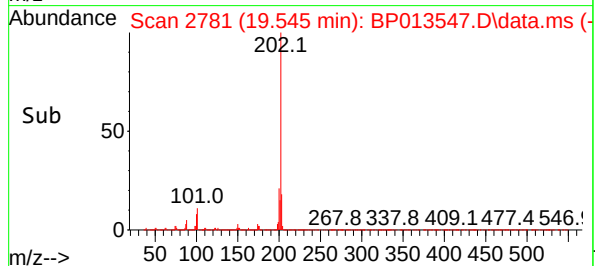
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:202 Resp: 780916
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.4
203 17.9 0.0 37.9

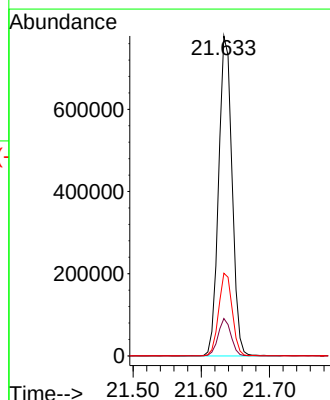
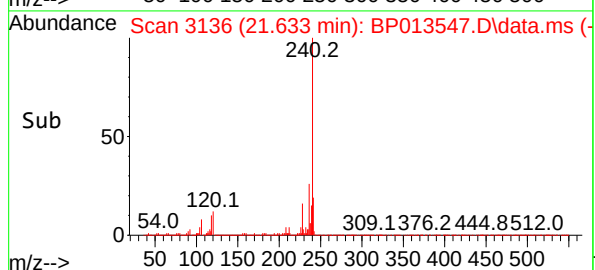
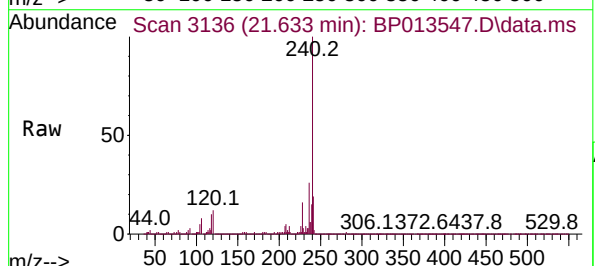
Manual Integrations
APPROVED

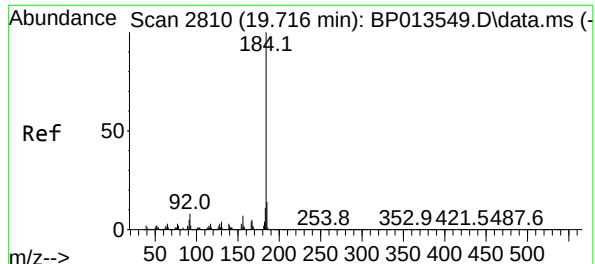
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.633 min Scan# 3136
Delta R.T. -0.006 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34

Tgt Ion:240 Resp: 1056785
Ion Ratio Lower Upper
240 100
120 11.7 8.6 13.0
236 25.8 21.3 31.9





#77

Benzidine

Concen: 10.395 ng

RT: 19.716 min Scan# 2810

Delta R.T. 0.000 min

Lab File: BP013547.D

Acq: 23 Jan 2023 12:34

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:184 Resp: 276295

Ion Ratio Lower Upper

184 100

185 14.4 11.5 17.3

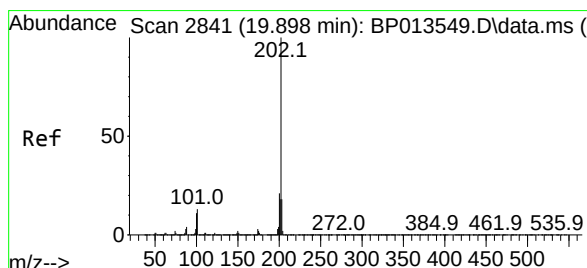
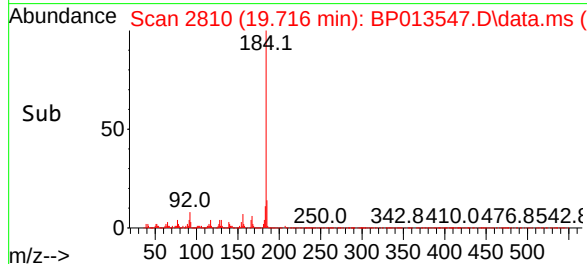
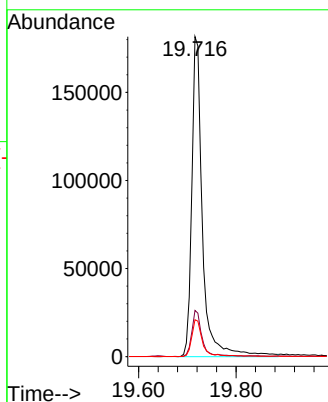
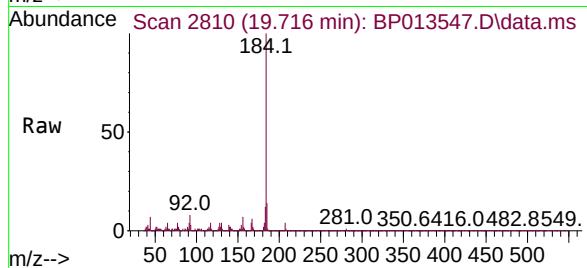
183 11.5 9.0 13.6

Manual Integrations

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Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#78

Pyrene

Concen: 10.031 ng

RT: 19.898 min Scan# 2841

Delta R.T. 0.000 min

Lab File: BP013547.D

Acq: 23 Jan 2023 12:34

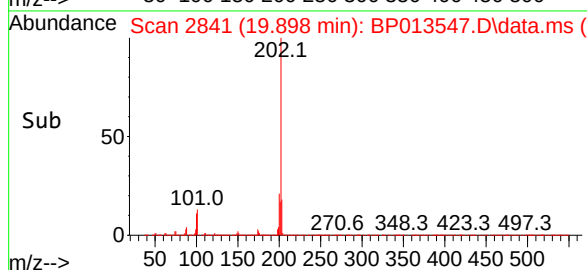
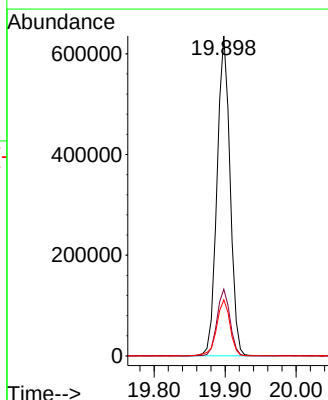
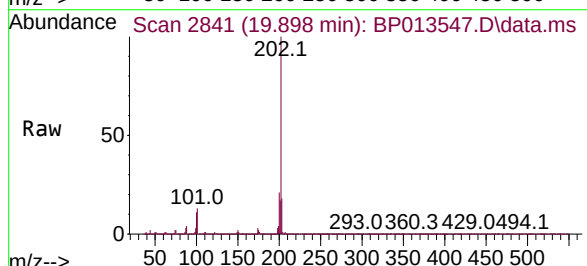
Tgt Ion:202 Resp: 810530

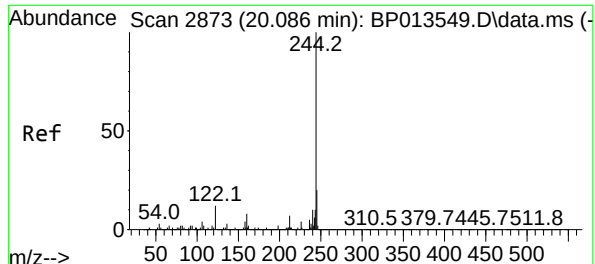
Ion Ratio Lower Upper

202 100

200 20.8 17.0 25.6

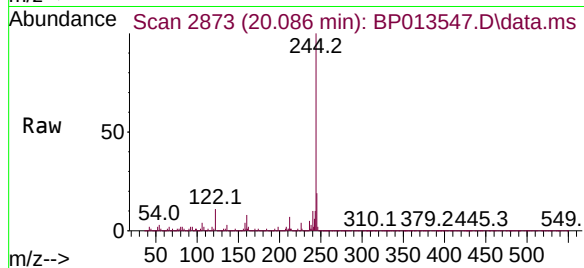
203 17.5 14.2 21.2





#79
 Terphenyl-d14
 Concen: 20.225 ng
 RT: 20.086 min Scan# 2873
 Delta R.T. 0.000 min
 Lab File: BP013547.D
 Acq: 23 Jan 2023 12:34

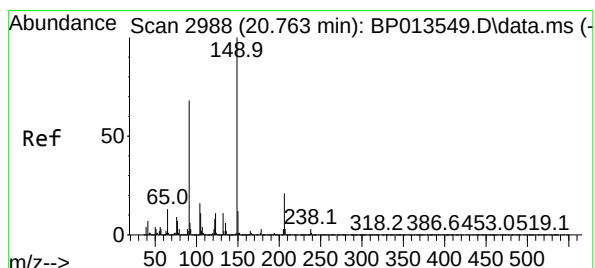
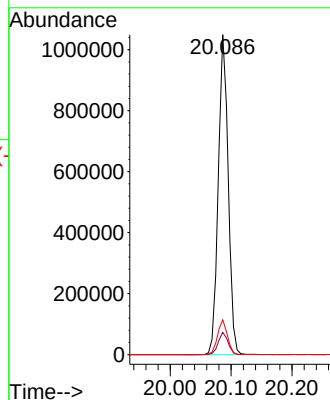
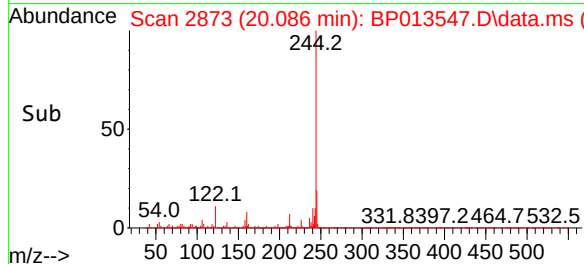
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC010



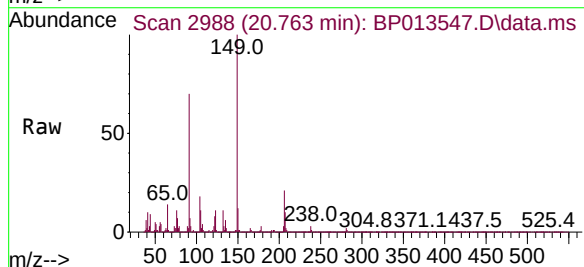
Tgt Ion:244 Resp: 1188105
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 10.9 9.2 13.8

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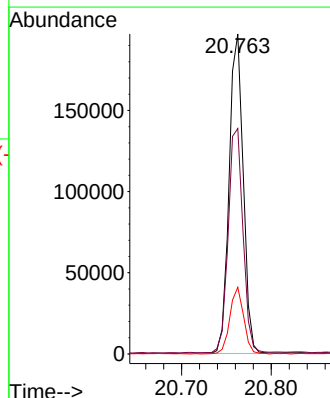
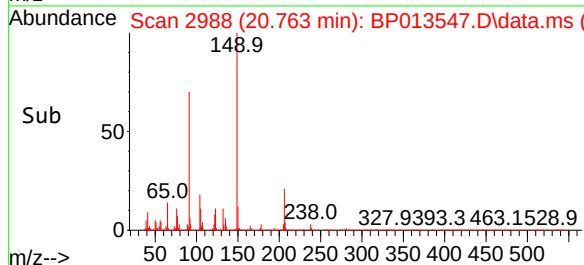
Reviewed By :Christian Giraldo 01/24/2023
 Supervised By :Jagrut Upadhyay 01/24/2023

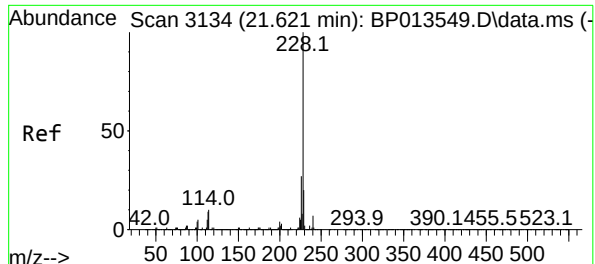


#80
 Butylbenzylphthalate
 Concen: 8.066 ng
 RT: 20.763 min Scan# 2988
 Delta R.T. 0.000 min
 Lab File: BP013547.D
 Acq: 23 Jan 2023 12:34



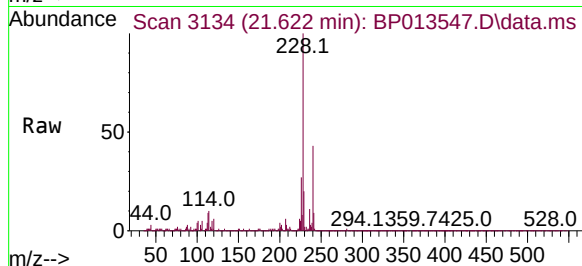
Tgt Ion:149 Resp: 215067
 Ion Ratio Lower Upper
 149 100
 91 70.4 54.6 81.8
 206 20.8 16.7 25.1





#81
Benzo(a)anthracene
Concen: 9.586 ng
RT: 21.622 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34

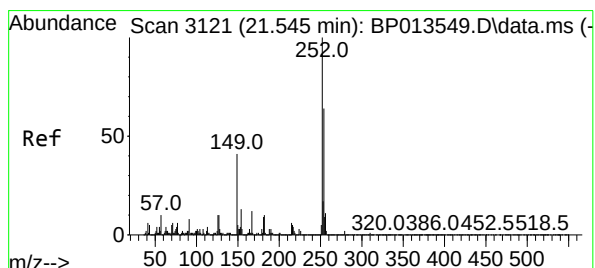
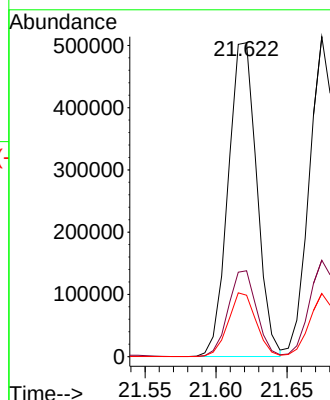
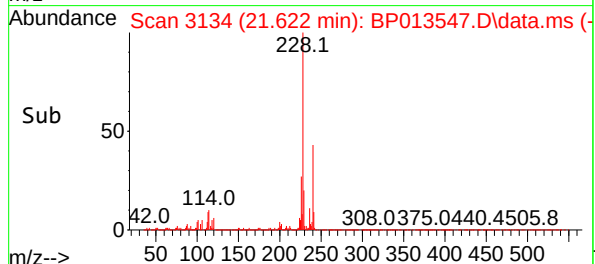
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:228 Resp: 70574
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.6 15.8 23.6

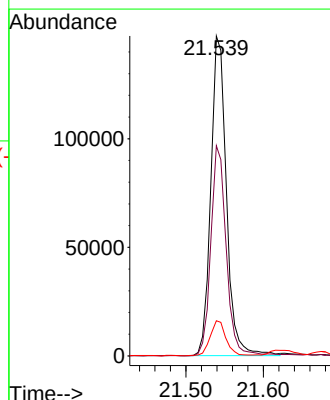
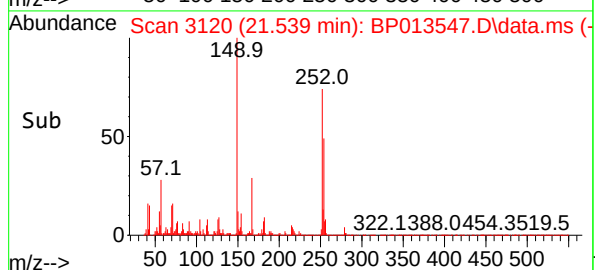
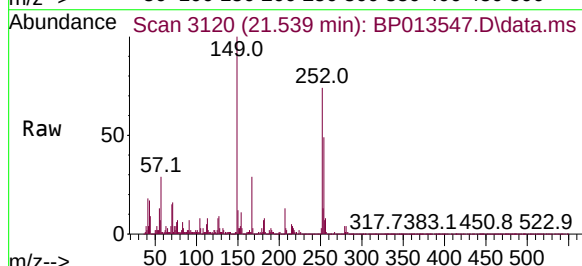
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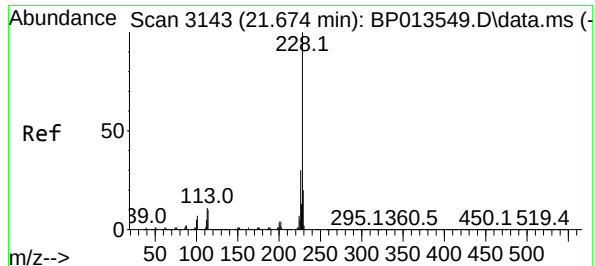
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#82
3,3'-Dichlorobenzidine
Concen: 8.697 ng
RT: 21.539 min Scan# 3120
Delta R.T. -0.006 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34

Tgt Ion:252 Resp: 206292
Ion Ratio Lower Upper
252 100
254 65.7 51.4 77.0
126 11.0 8.3 12.5





#83

Chrysene

Concen: 9.708 ng

RT: 21.674 min Scan# 3143

Delta R.T. 0.000 min

Lab File: BP013547.D

Acq: 23 Jan 2023 12:34

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:228 Resp: 683609

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

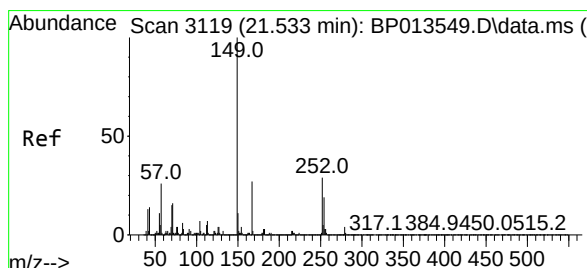
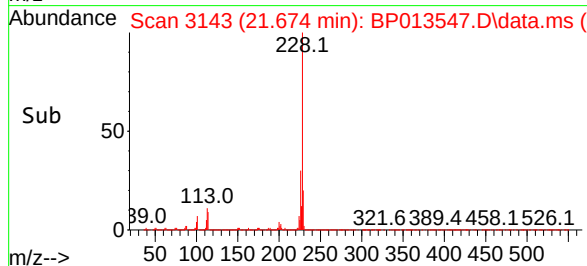
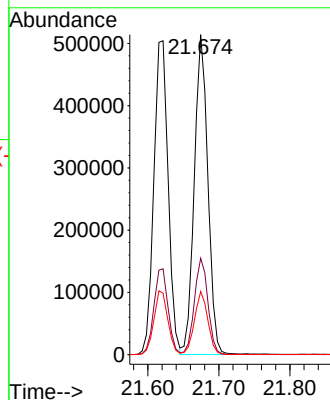
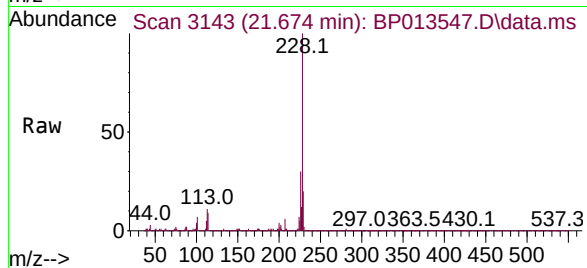
229 19.7 16.2 24.2

Manual Integrations

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Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.688 ng

RT: 21.533 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BP013547.D

Acq: 23 Jan 2023 12:34

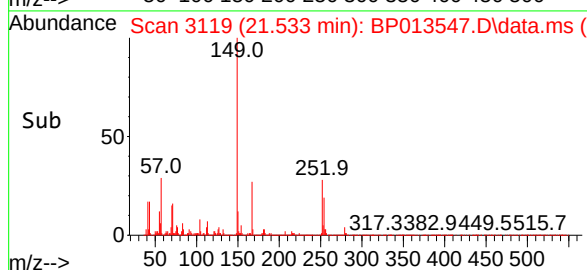
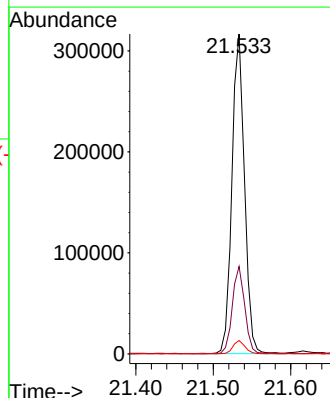
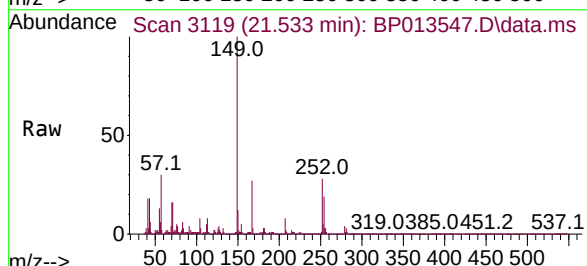
Tgt Ion:149 Resp: 357723

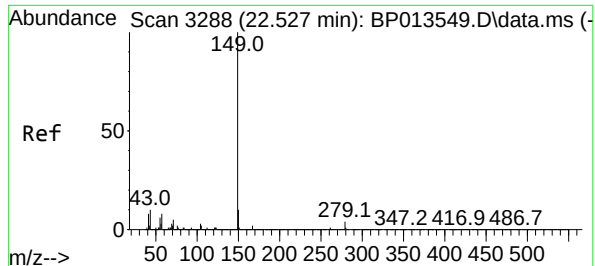
Ion Ratio Lower Upper

149 100

167 27.3 22.0 33.0

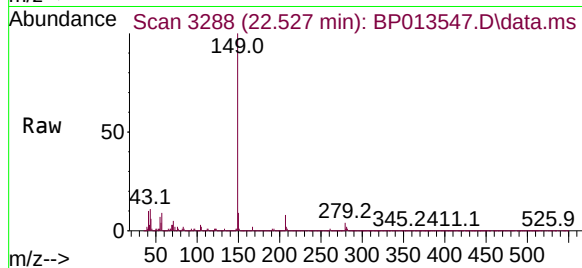
279 4.2 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 8.285 ng
RT: 22.527 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34

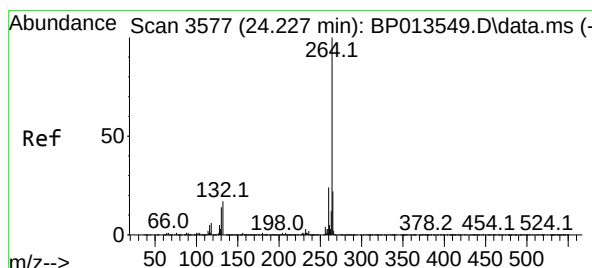
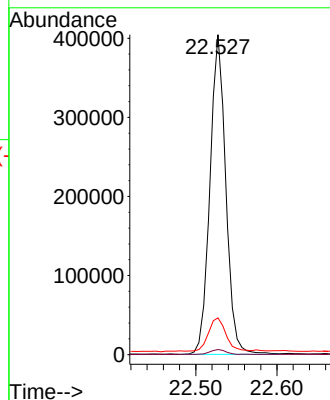
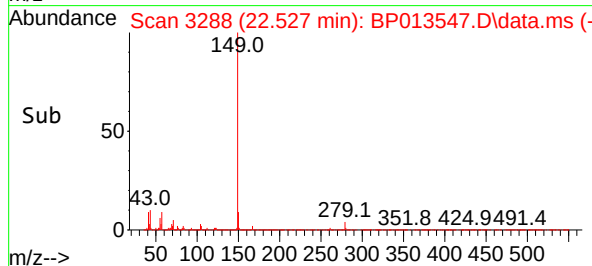
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:149 Resp: 550012
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 11.5 8.2 12.4

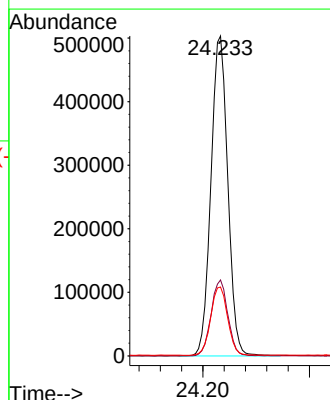
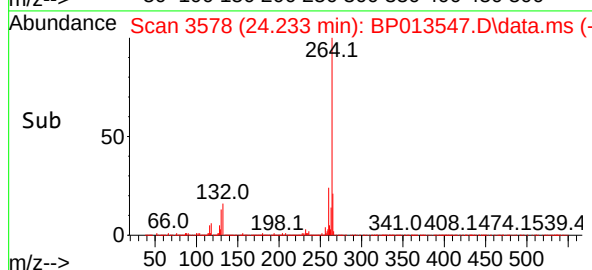
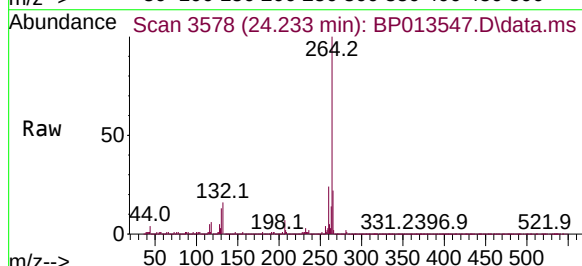
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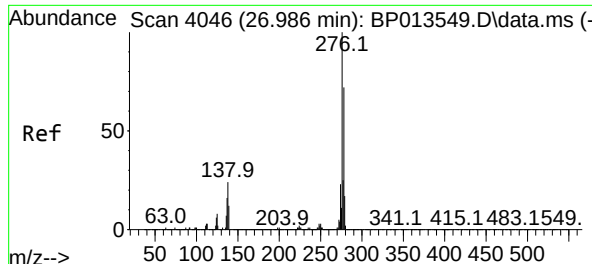
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.233 min Scan# 3578
Delta R.T. 0.006 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34

Tgt Ion:264 Resp: 1104363
Ion Ratio Lower Upper
264 100
260 23.7 18.8 28.2
265 21.5 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.473 ng

RT: 26.974 min Scan# 4046

Delta R.T. -0.012 min

Lab File: BP013547.D

Acq: 23 Jan 2023 12:34

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:276 Resp: 770586

Ion Ratio Lower Upper

276 100

138 24.9 19.8 29.6

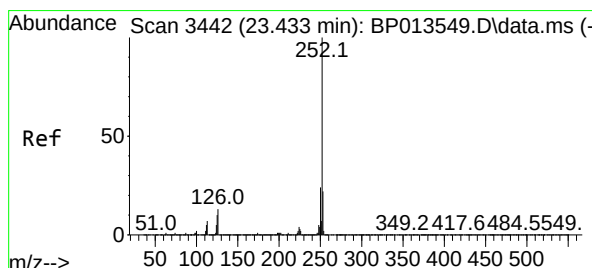
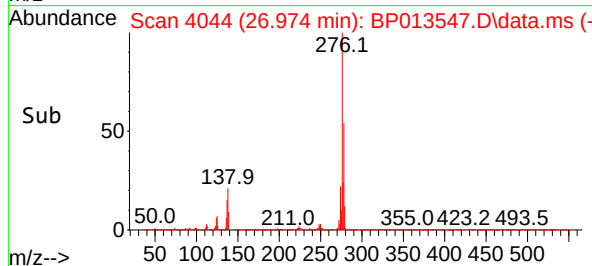
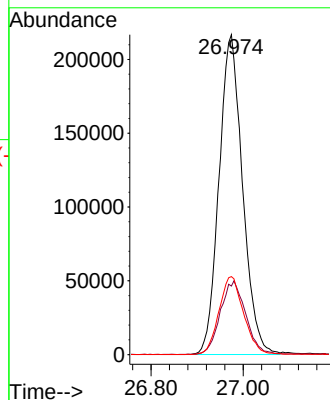
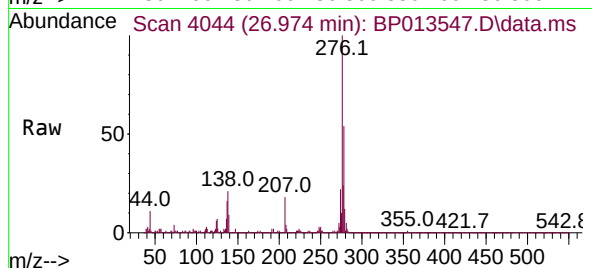
277 25.5 20.2 30.4

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Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#88

Benzo(b)fluoranthene

Concen: 9.333 ng

RT: 23.433 min Scan# 3442

Delta R.T. 0.000 min

Lab File: BP013547.D

Acq: 23 Jan 2023 12:34

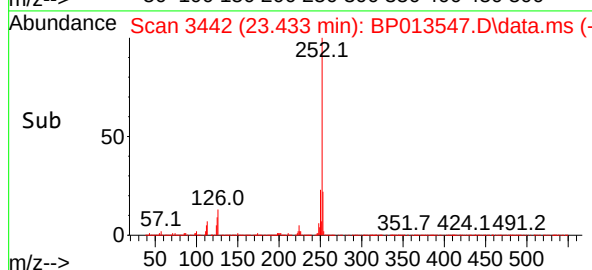
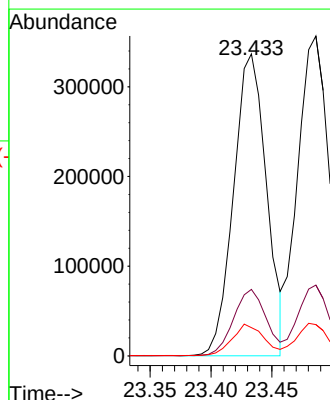
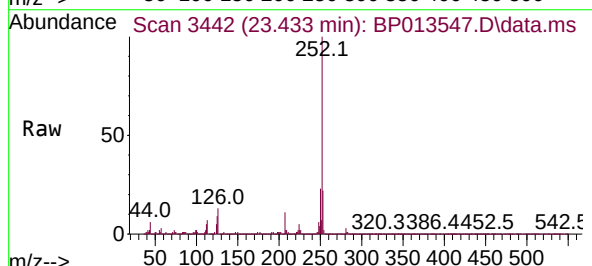
Tgt Ion:252 Resp: 634029

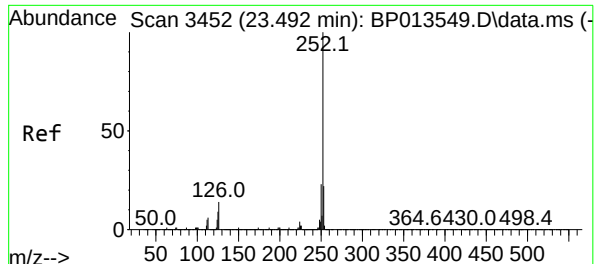
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.4 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 9.545 ng

RT: 23.486 min Scan# 3452

Delta R.T. -0.006 min

Lab File: BP013547.D

Acq: 23 Jan 2023 12:34

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:252 Resp: 66138

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

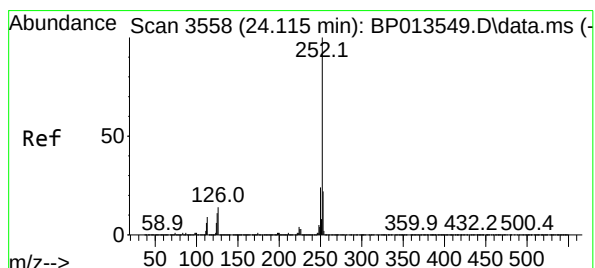
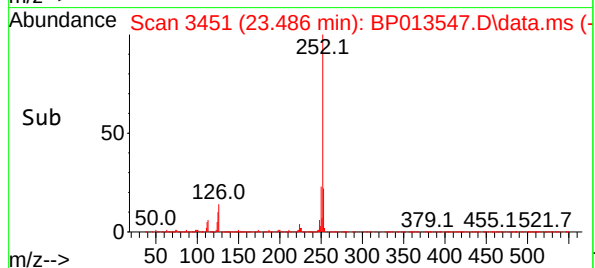
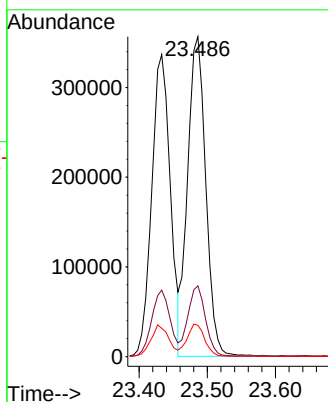
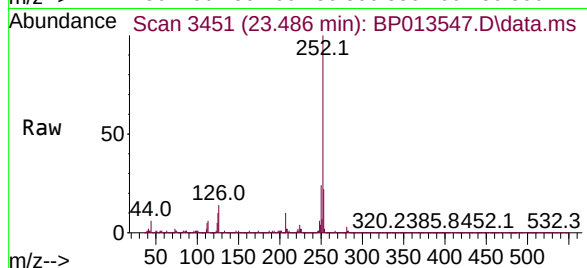
125 9.8 7.5 11.3

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Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#90

Benzo(a)pyrene

Concen: 9.370 ng

RT: 24.115 min Scan# 3558

Delta R.T. 0.000 min

Lab File: BP013547.D

Acq: 23 Jan 2023 12:34

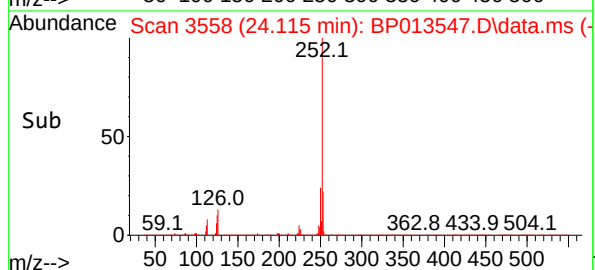
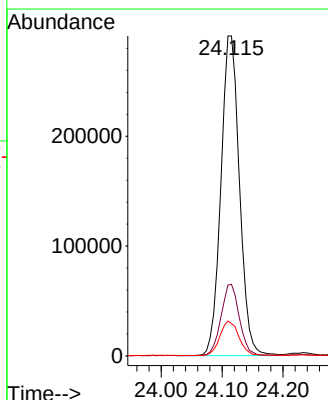
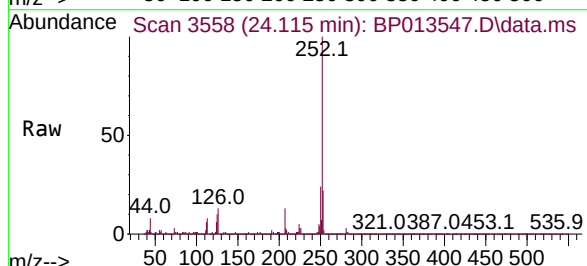
Tgt Ion:252 Resp: 617546

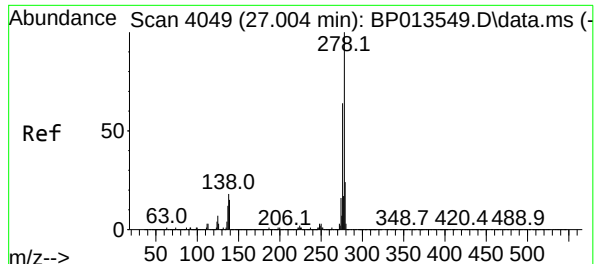
Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 10.1 8.9 13.3





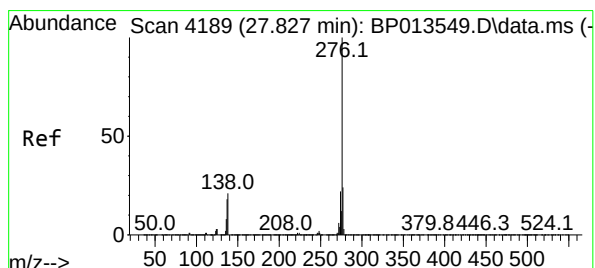
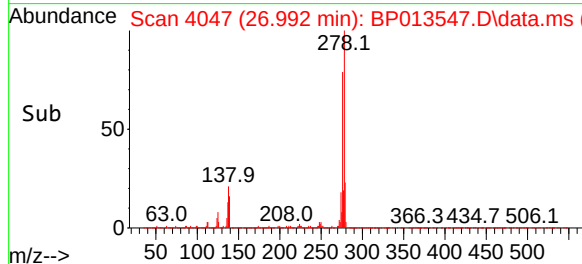
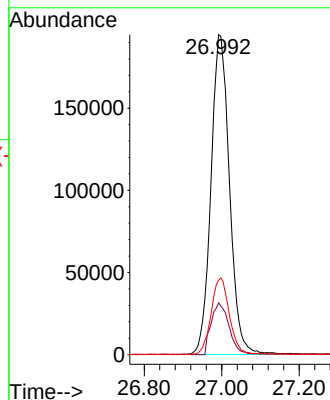
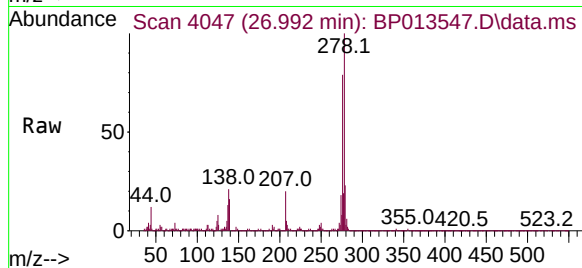
#91
Dibenzo(a,h)anthracene
Concen: 9.475 ng
RT: 26.992 min Scan# 4049
Delta R.T. -0.012 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 278 Resp: 646475
Ion Ratio Lower Upper
278 100
139 16.2 12.3 18.5
279 23.2 19.0 28.6

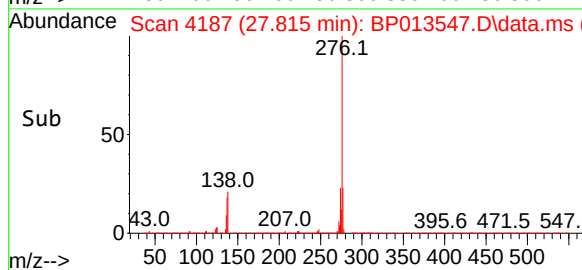
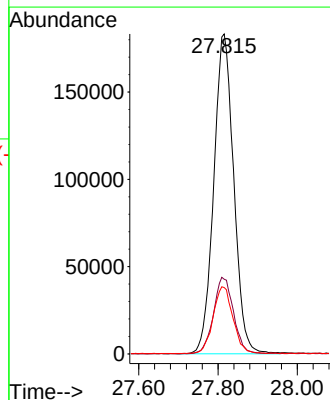
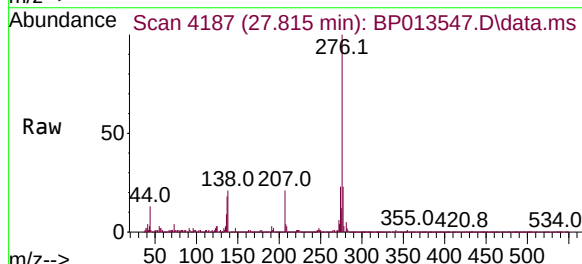
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Reviewed By : Christian Giraldo 01/24/2023
Supervised By : Jagrut Upadhyay 01/24/2023



#92
Benzo(g,h,i)perylene
Concen: 7.886 ng
RT: 27.815 min Scan# 4187
Delta R.T. -0.012 min
Lab File: BP013547.D
Acq: 23 Jan 2023 12:34

Tgt Ion: 276 Resp: 641478
Ion Ratio Lower Upper
276 100
277 23.3 19.0 28.6
138 20.7 16.6 25.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
 Data File : BP013548.D
 Acq On : 23 Jan 2023 13:08
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

Quant Time: Jan 24 03:04:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 03:01:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.163	152	310495	20.000	ng	0.00
21) Naphthalene-d8	10.999	136	1289531	20.000	ng	0.00
39) Acenaphthene-d10	14.804	164	765762	20.000	ng	0.00
64) Phenanthrene-d10	17.557	188	1482437	20.000	ng	0.00
76) Chrysene-d12	21.633	240	1062938	20.000	ng	0.00
86) Perylene-d12	24.233	264	1109780	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	724581	39.983	ng	0.00
7) Phenol-d6	7.305	99	985886	40.422	ng	0.00
23) Nitrobenzene-d5	9.334	82	765516	39.190	ng	0.00
42) 2,4,6-Tribromophenol	16.287	330	304633	38.157	ng	0.00
45) 2-Fluorobiphenyl	13.428	172	2247954	40.295	ng	0.00
79) Terphenyl-d14	20.086	244	2559411	43.317	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.534	88	148191	20.285	ng	98
3) Pyridine	3.940	79	420982	19.470	ng	99
4) n-Nitrosodimethylamine	3.852	42	200479	20.445	ng	# 97
6) Aniline	7.475	93	667222	20.364	ng	100
8) 2-Chlorophenol	7.722	128	407224	20.364	ng	100
9) Benzaldehyde	7.293	77	315072	23.832	ng	99
10) Phenol	7.328	94	512008	20.262	ng	99
11) bis(2-Chloroethyl)ether	7.575	93	421835	20.416	ng	99
12) 1,3-Dichlorobenzene	8.052	146	451468	20.415	ng	100
13) 1,4-Dichlorobenzene	8.199	146	453715	20.234	ng	99
14) 1,2-Dichlorobenzene	8.522	146	442139	20.364	ng	100
15) Benzyl Alcohol	8.399	79	352412	20.224	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.699	45	586266	20.694	ng	99
17) 2-Methylphenol	8.599	107	375801	20.478	ng	99
18) Hexachloroethane	9.263	117	150520	20.083	ng	99
19) n-Nitroso-di-n-propyla...	8.975	70	336670	21.431	ng	99
20) 3+4-Methylphenols	8.928	107	488803	20.236	ng	98
22) Acetophenone	8.993	105	670438	20.266	ng	# 98
24) Nitrobenzene	9.381	77	417316	19.870	ng	97
25) Isophorone	9.905	82	937764	20.240	ng	99
26) 2-Nitrophenol	10.099	139	109894	16.780	ng	99
27) 2,4-Dimethylphenol	10.146	122	402570	19.711	ng	98
28) bis(2-Chloroethoxy)met...	10.393	93	563840	20.194	ng	99
29) 2,4-Dichlorophenol	10.634	162	363440	19.755	ng	99
30) 1,2,4-Trichlorobenzene	10.857	180	417340	19.878	ng	98
31) Naphthalene	11.046	128	1389473	20.042	ng	99
32) Benzoic acid	10.240	122	136659	15.309	ng	99
33) 4-Chloroaniline	11.152	127	613471	19.999	ng	99
34) Hexachlorobutadiene	11.334	225	243095	19.897	ng	99
35) Caprolactam	11.910	113	117254	19.731	ng	96
36) 4-Chloro-3-methylphenol	12.252	107	405762	20.252	ng	98
37) 2-Methylnaphthalene	12.640	142	991061	20.112	ng	100
38) 1-Methylnaphthalene	12.857	142	936860	20.233	ng	98
40) 1,2,4,5-Tetrachloroben...	13.004	216	462647	19.624	ng	100
41) Hexachlorocyclopentadiene	12.987	237	193321	17.419	ng	97
43) 2,4,6-Trichlorophenol	13.234	196	268823	19.483	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
 Data File : BP013548.D
 Acq On : 23 Jan 2023 13:08
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

Quant Time: Jan 24 03:04:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 03:01:10 2023
 Response via : Initial Calibration

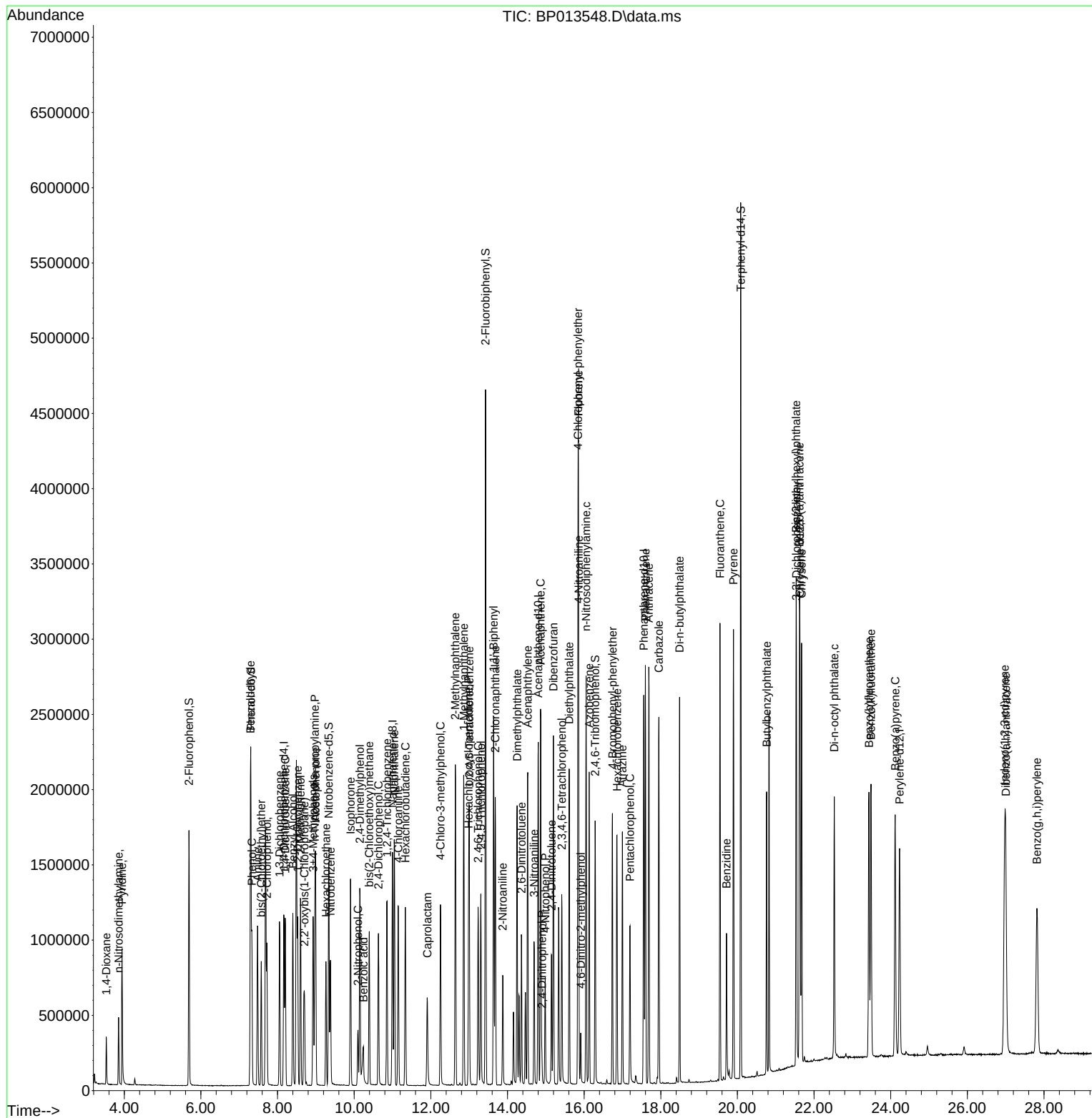
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.304	196	318128	19.511	ng	100
46) 1,1'-Biphenyl	13.640	154	1222446	19.877	ng	100
47) 2-Chloronaphthalene	13.681	162	919670	19.961	ng	100
48) 2-Nitroaniline	13.875	65	162900	17.671	ng	99
49) Acenaphthylene	14.528	152	1510172	20.043	ng	99
50) Dimethylphthalate	14.251	163	1138352	19.998	ng	100
51) 2,6-Dinitrotoluene	14.369	165	178646	19.437	ng	99
52) Acenaphthene	14.863	154	919035	19.746	ng	99
53) 3-Nitroaniline	14.693	138	198963	18.881	ng	# 95
54) 2,4-Dinitrophenol	14.898	184	38672	13.807	ng	97
55) Dibenzofuran	15.198	168	1426506	19.987	ng	100
56) 4-Nitrophenol	14.987	139	149577	17.401	ng	98
57) 2,4-Dinitrotoluene	15.151	165	201021	18.192	ng	99
58) Fluorene	15.851	166	1151233	20.294	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.416	232	243570	19.455	ng	100
60) Diethylphthalate	15.610	149	1117789	20.105	ng	99
61) 4-Chlorophenyl-phenyle...	15.840	204	560550	20.096	ng	99
62) 4-Nitroaniline	15.857	138	204332	19.005	ng	94
63) Azobenzene	16.134	77	1096745	20.301	ng	99
65) 4,6-Dinitro-2-methylph...	15.910	198	59559	13.902	ng	95
66) n-Nitrosodiphenylamine	16.051	169	983168	20.337	ng	98
67) 4-Bromophenyl-phenylether	16.740	248	325519	19.823	ng	99
68) Hexachlorobenzene	16.857	284	351590	19.822	ng	99
69) Atrazine	16.998	200	279574	20.212	ng	99
70) Pentachlorophenol	17.198	266	188500	18.247	ng	99
71) Phenanthrene	17.598	178	1646406	19.961	ng	100
72) Anthracene	17.687	178	1677461	20.038	ng	99
73) Carbazole	17.951	167	1483276	19.716	ng	99
74) Di-n-butylphthalate	18.492	149	1653769	19.751	ng	100
75) Fluoranthene	19.545	202	1680928	19.164	ng	100
77) Benzidine	19.716	184	534092	19.978	ng	99
78) Pyrene	19.898	202	1738516	21.390	ng	99
80) Butylbenzylphthalate	20.763	149	517872	19.310	ng	99
81) Benzo(a)anthracene	21.622	228	1475726	19.929	ng	99
82) 3,3'-Dichlorobenzidine	21.539	252	466122	19.536	ng	99
83) Chrysene	21.675	228	1427169	20.150	ng	100
84) Bis(2-ethylhexyl)phtha...	21.533	149	798437	19.279	ng	100
85) Di-n-octyl phthalate	22.527	149	1216262	18.216	ng	98
87) Indeno(1,2,3-cd)pyrene	26.974	276	1643812	20.109	ng	100
88) Benzo(b)fluoranthene	23.433	252	1330945	19.495	ng	100
89) Benzo(k)fluoranthene	23.486	252	1387146	19.921	ng	99
90) Benzo(a)pyrene	24.116	252	1306496	19.728	ng	99
91) Dibenzo(a,h)anthracene	27.004	278	1375881	20.067	ng	100
92) Benzo(g,h,i)perylene	27.815	276	1352598	16.547	ng	100

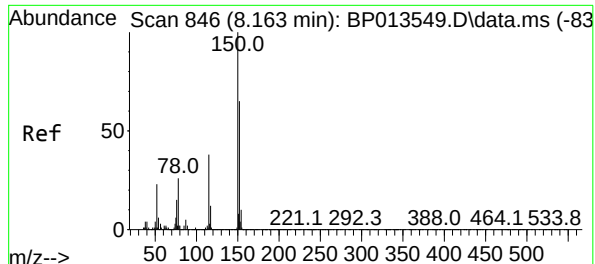
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
Data File : BP013548.D
Acq On : 23 Jan 2023 13:08
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: Jan 24 03:04:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 03:01:10 2023
Response via : Initial Calibration

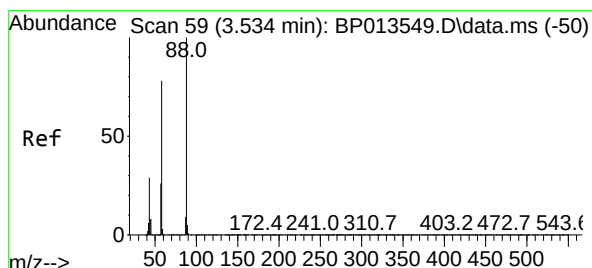
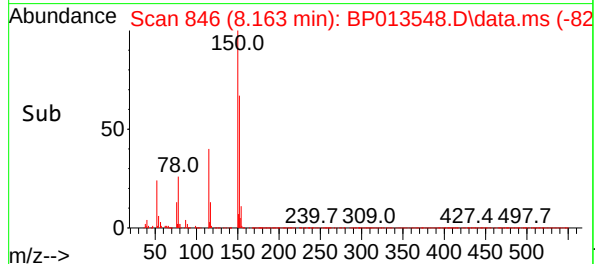
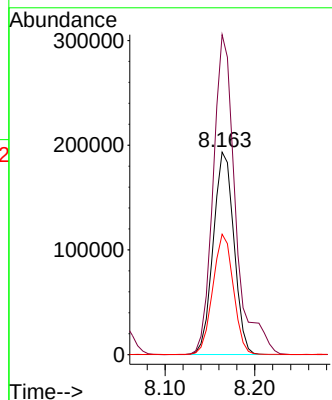
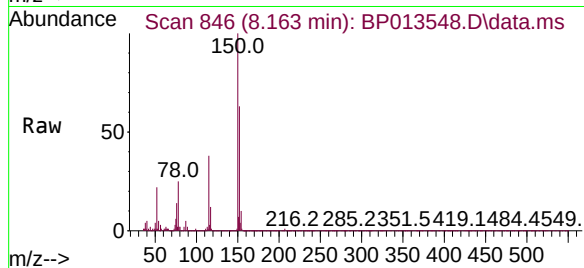




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.163 min Scan# 846
Delta R.T. 0.000 min
Lab File: BP013548.D
Acq: 23 Jan 2023 13:08

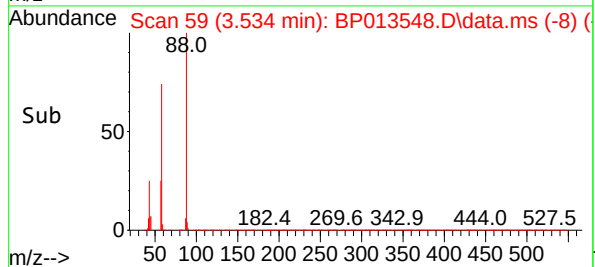
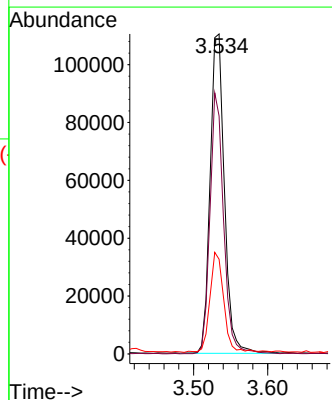
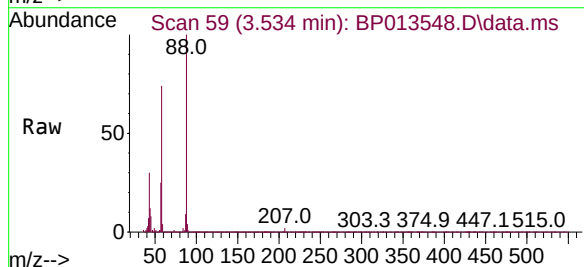
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

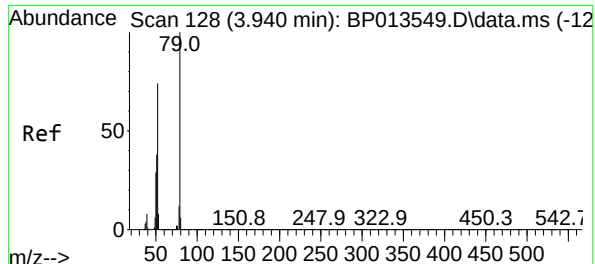
Tgt Ion:152 Resp: 310495
Ion Ratio Lower Upper
152 100
150 158.0 122.4 183.6
115 59.5 46.1 69.1



#2
1,4-Dioxane
Concen: 20.285 ng
RT: 3.534 min Scan# 59
Delta R.T. 0.000 min
Lab File: BP013548.D
Acq: 23 Jan 2023 13:08

Tgt Ion: 88 Resp: 148191
Ion Ratio Lower Upper
88 100
58 77.6 63.6 95.4
43 30.3 24.2 36.2

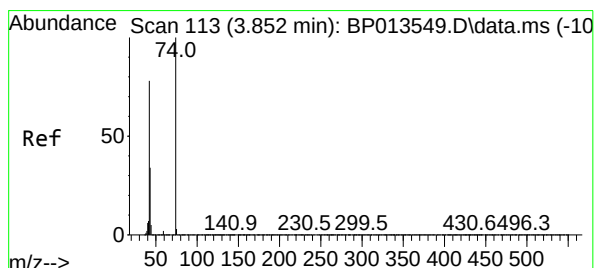
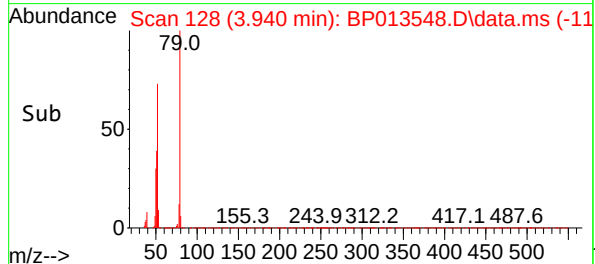
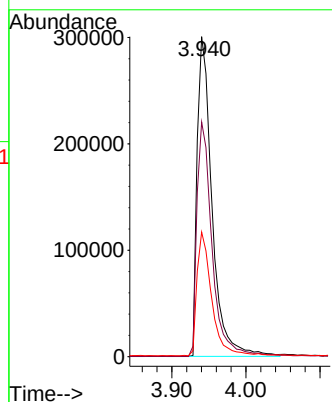
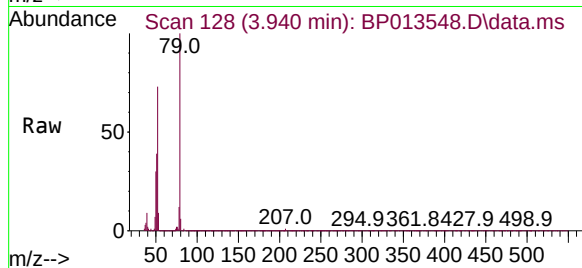




#3
Pyridine
Concen: 19.470 ng
RT: 3.940 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP013548.D
Acq: 23 Jan 2023 13:08

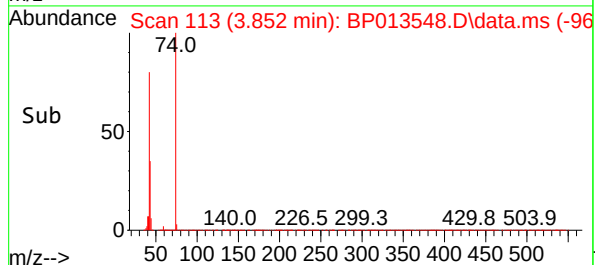
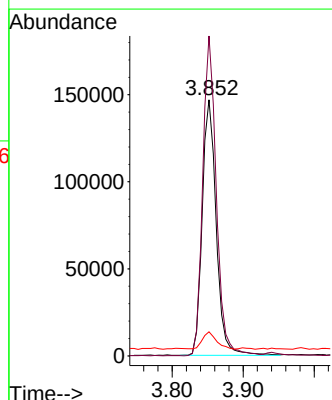
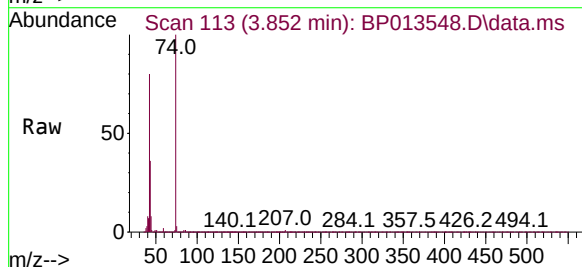
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

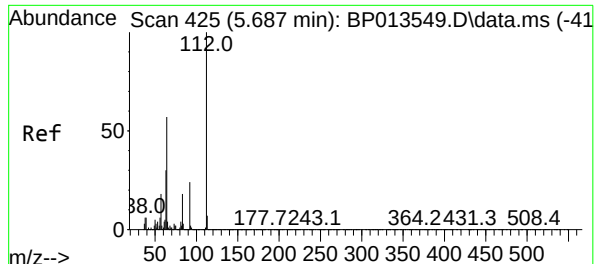
Tgt Ion: 79 Resp: 420982
Ion Ratio Lower Upper
79 100
52 73.3 59.4 89.2
51 38.9 30.6 45.8



#4
n-Nitrosodimethylamine
Concen: 20.445 ng
RT: 3.852 min Scan# 113
Delta R.T. 0.000 min
Lab File: BP013548.D
Acq: 23 Jan 2023 13:08

Tgt Ion: 42 Resp: 200479
Ion Ratio Lower Upper
42 100
74 125.0 102.3 153.5
44 9.4 6.2 9.2#

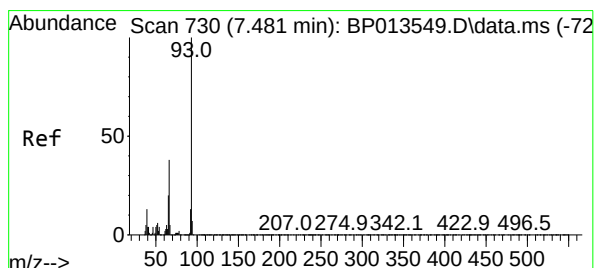
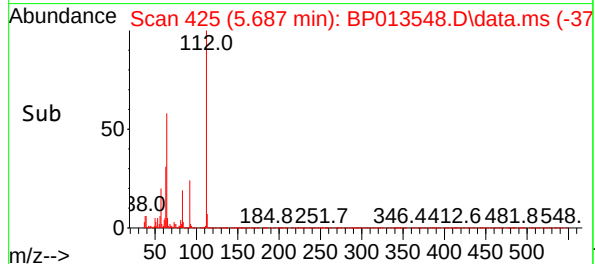
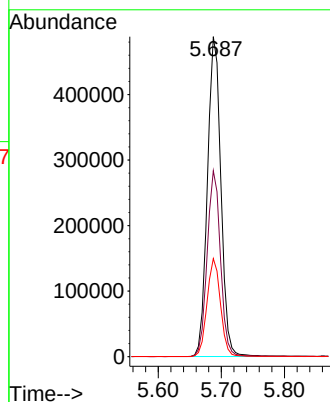
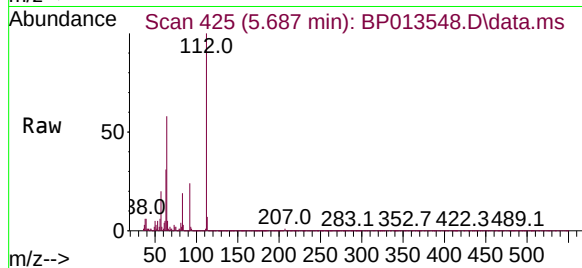




#5
2-Fluorophenol
Concen: 39.983 ng
RT: 5.687 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP013548.D
Acq: 23 Jan 2023 13:08

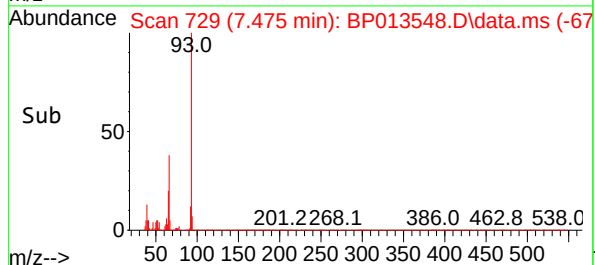
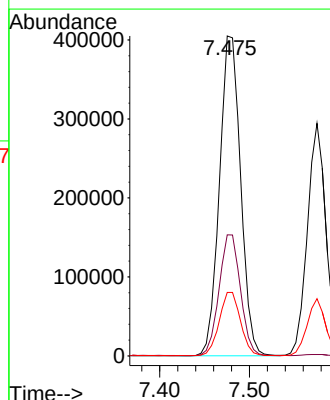
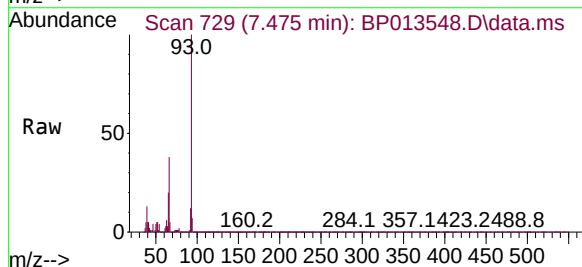
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

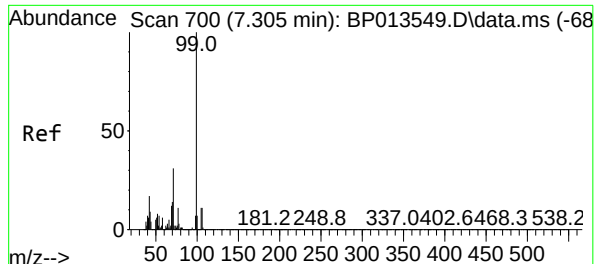
Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	45.4	68.0
63	30.6	24.1	36.1



#6
Aniline
Concen: 20.364 ng
RT: 7.475 min Scan# 729
Delta R.T. -0.006 min
Lab File: BP013548.D
Acq: 23 Jan 2023 13:08

Tgt Ion	Ratio	Lower	Upper
93	100		
66	37.8	30.3	45.5
65	19.8	15.9	23.9

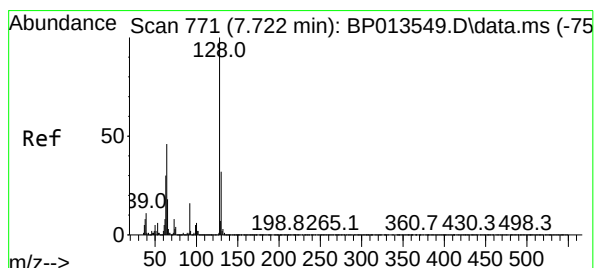
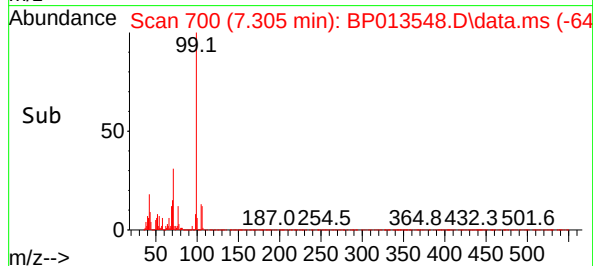
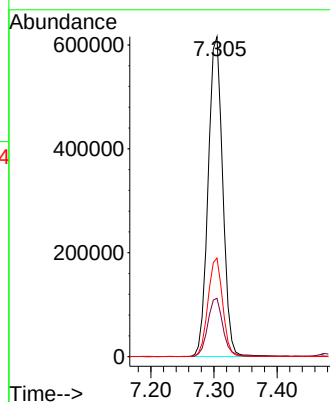
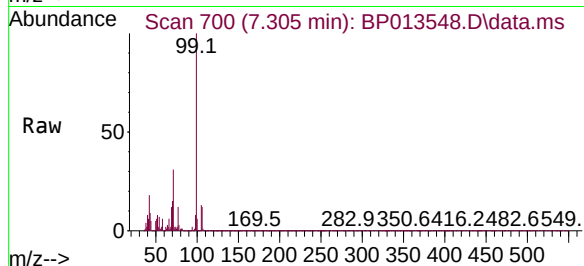




#7
Phenol-d6
Concen: 40.422 ng
RT: 7.305 min Scan# 700
Delta R.T. 0.000 min
Lab File: BP013548.D
Acq: 23 Jan 2023 13:08

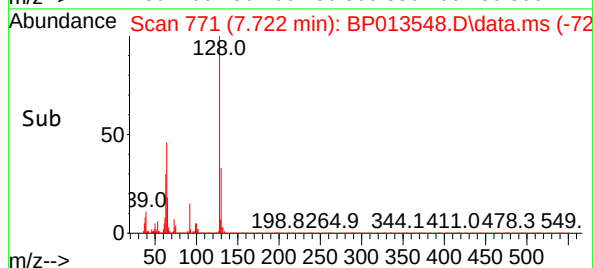
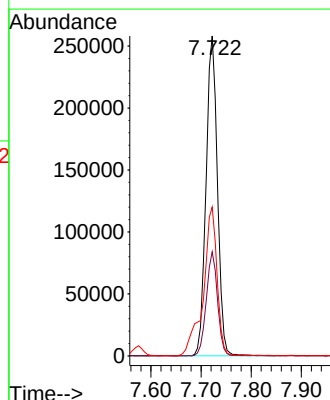
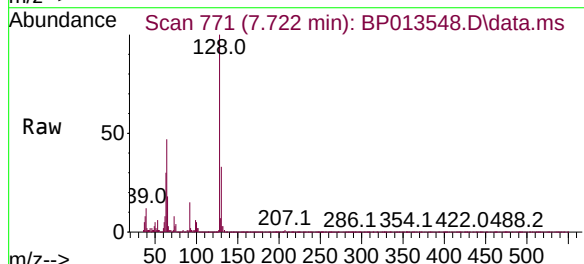
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

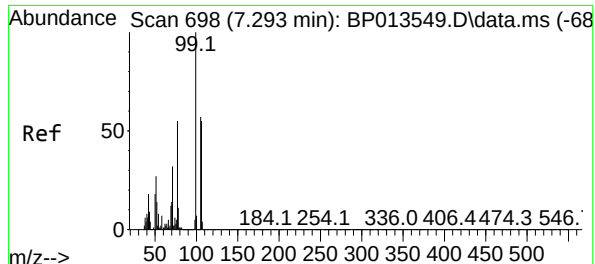
Tgt Ion: 99 Resp: 985886
Ion Ratio Lower Upper
99 100
42 18.2 14.0 21.0
71 30.8 24.7 37.1



#8
2-Chlorophenol
Concen: 20.364 ng
RT: 7.722 min Scan# 771
Delta R.T. 0.000 min
Lab File: BP013548.D
Acq: 23 Jan 2023 13:08

Tgt Ion: 128 Resp: 407224
Ion Ratio Lower Upper
128 100
130 32.5 12.4 52.4
64 46.5 26.2 66.2

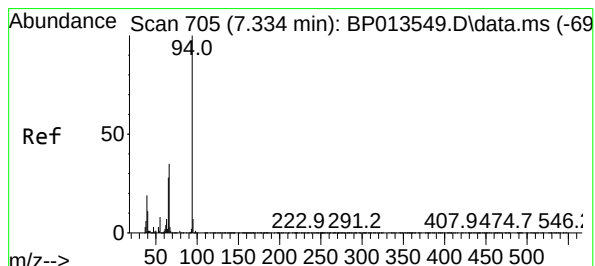
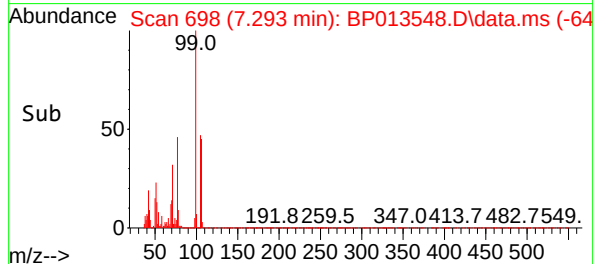
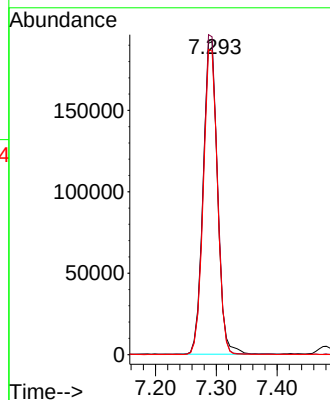
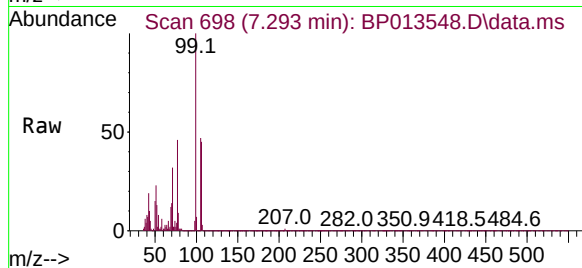




#9
Benzaldehyde
Concen: 23.832 ng
RT: 7.293 min Scan# 69
Delta R.T. 0.000 min
Lab File: BP013548.D
Acq: 23 Jan 2023 13:08

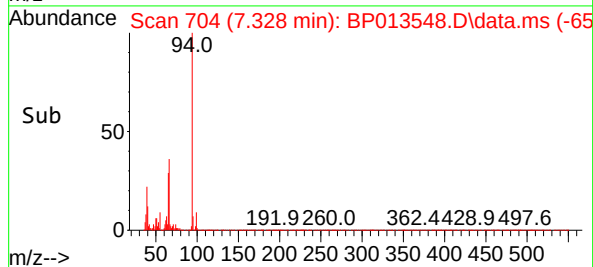
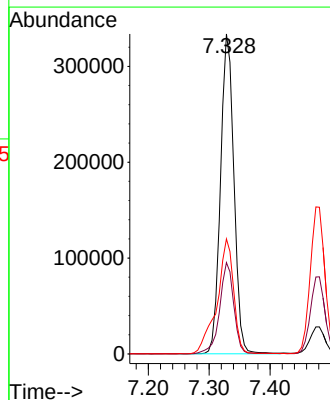
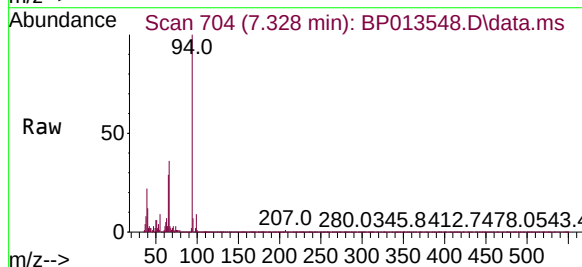
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

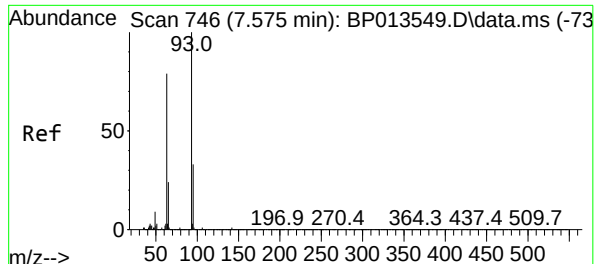
Tgt Ion: 77 Resp: 315072
Ion Ratio Lower Upper
77 100
105 101.5 82.6 122.6
106 97.0 78.9 118.9



#10
Phenol
Concen: 20.262 ng
RT: 7.328 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP013548.D
Acq: 23 Jan 2023 13:08

Tgt Ion: 94 Resp: 512008
Ion Ratio Lower Upper
94 100
65 28.5 7.8 47.8
66 35.9 15.5 55.5





#11

bis(2-Chloroethyl)ether

Concen: 20.416 ng

RT: 7.575 min Scan# 746

Delta R.T. 0.000 min

Lab File: BP013548.D

Acq: 23 Jan 2023 13:08

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

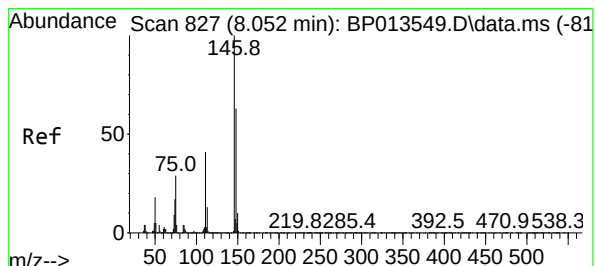
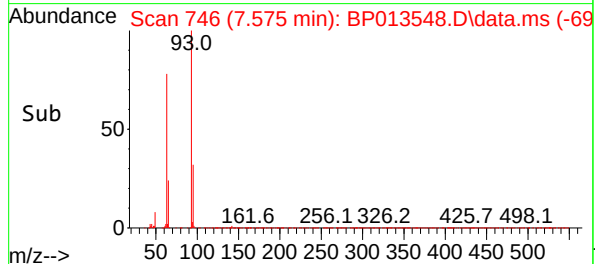
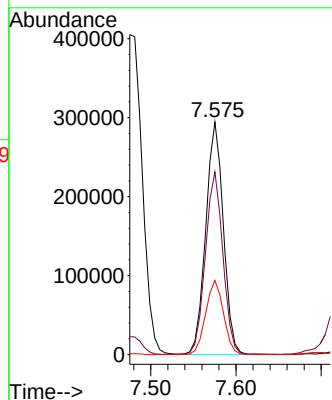
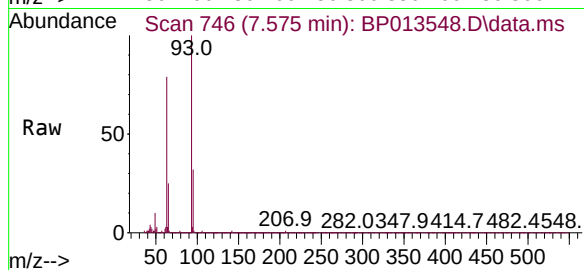
Tgt Ion: 93 Resp: 421835

Ion Ratio Lower Upper

93 100

63 78.5 58.7 98.7

95 31.9 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 20.415 ng

RT: 8.052 min Scan# 827

Delta R.T. 0.000 min

Lab File: BP013548.D

Acq: 23 Jan 2023 13:08

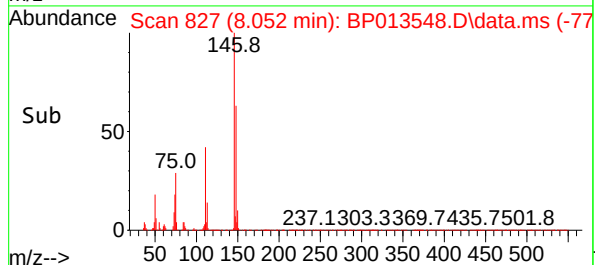
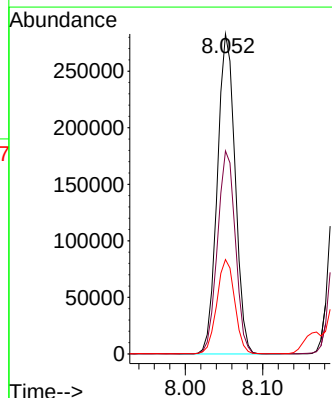
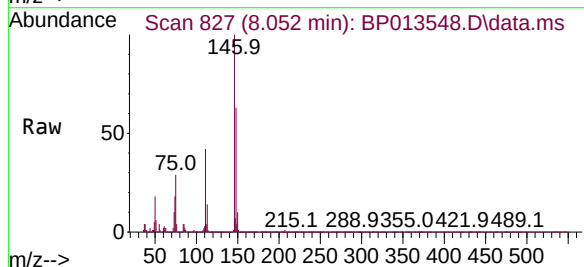
Tgt Ion: 146 Resp: 451468

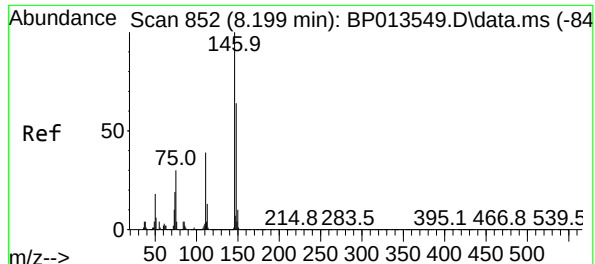
Ion Ratio Lower Upper

146 100

148 63.4 50.7 76.1

75 29.5 23.4 35.2





#13

1,4-Dichlorobenzene

Concen: 20.234 ng

RT: 8.199 min Scan# 852

Delta R.T. 0.000 min

Lab File: BP013548.D

Acq: 23 Jan 2023 13:08

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

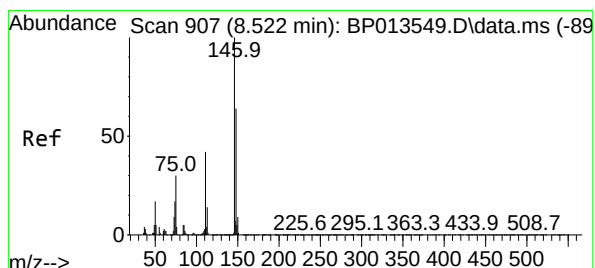
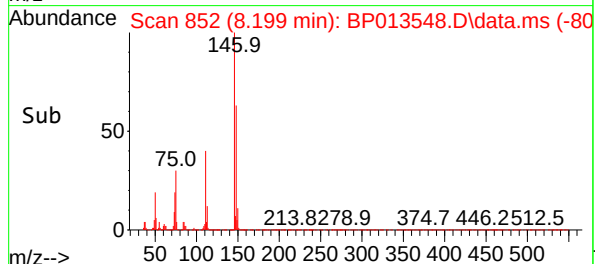
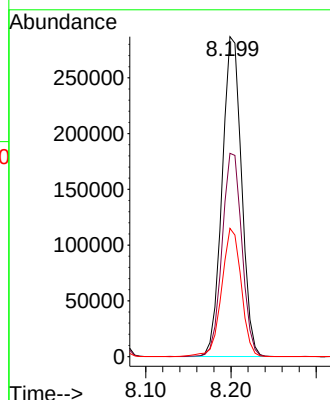
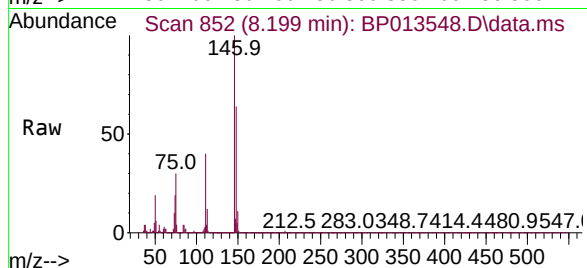
Tgt Ion:146 Resp: 453715

Ion Ratio Lower Upper

146 100

148 63.5 51.4 77.0

111 40.1 31.4 47.2



#14

1,2-Dichlorobenzene

Concen: 20.364 ng

RT: 8.522 min Scan# 907

Delta R.T. 0.000 min

Lab File: BP013548.D

Acq: 23 Jan 2023 13:08

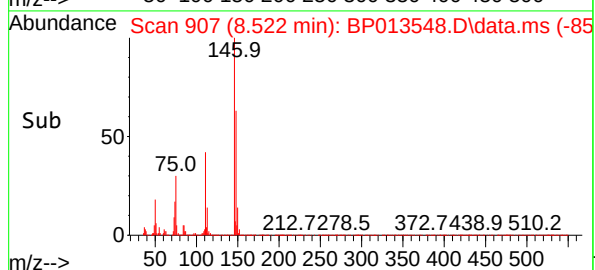
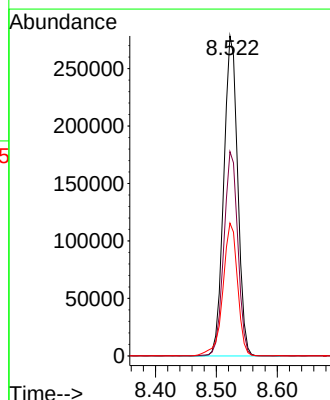
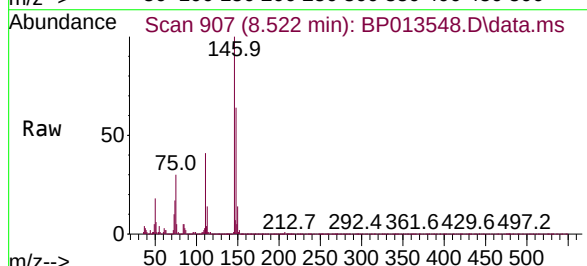
Tgt Ion:146 Resp: 442139

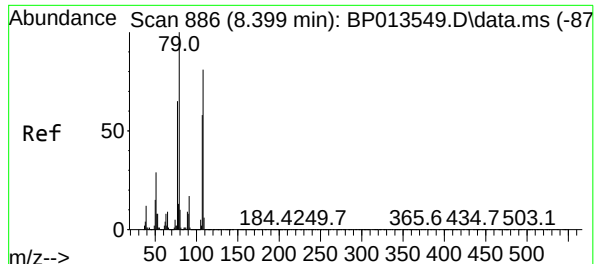
Ion Ratio Lower Upper

146 100

148 63.8 50.8 76.2

111 41.5 33.4 50.2





#15

Benzyl Alcohol

Concen: 20.224 ng

RT: 8.399 min Scan# 886

Delta R.T. 0.000 min

Lab File: BP013548.D

Acq: 23 Jan 2023 13:08

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

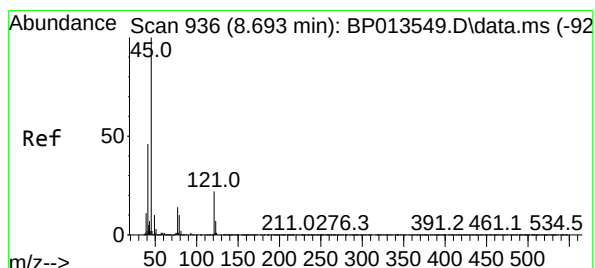
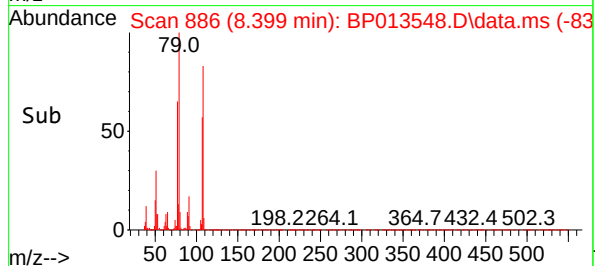
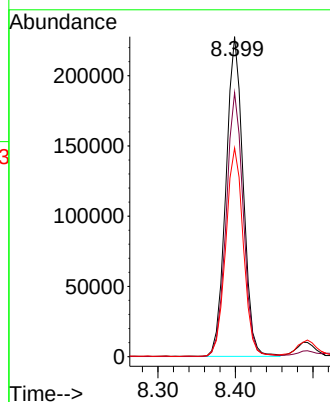
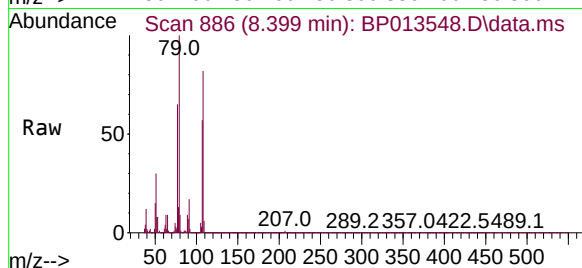
Tgt Ion: 79 Resp: 352412

Ion Ratio Lower Upper

79 100

108 82.5 65.2 97.8

77 65.2 52.3 78.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 20.694 ng

RT: 8.699 min Scan# 937

Delta R.T. 0.006 min

Lab File: BP013548.D

Acq: 23 Jan 2023 13:08

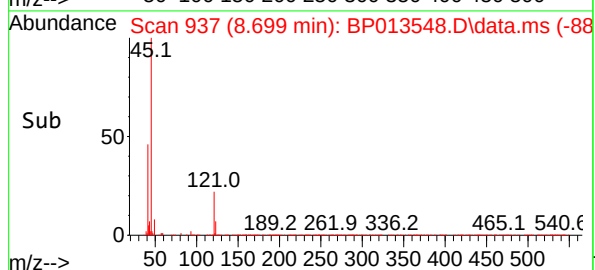
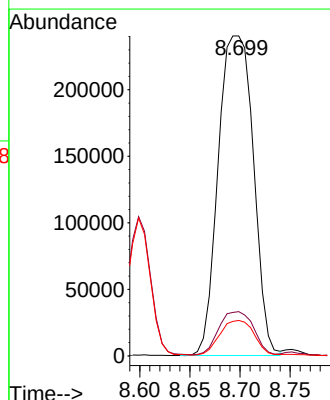
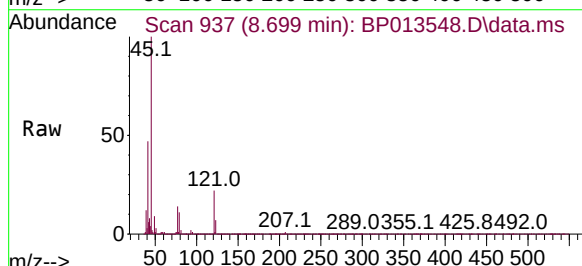
Tgt Ion: 45 Resp: 586266

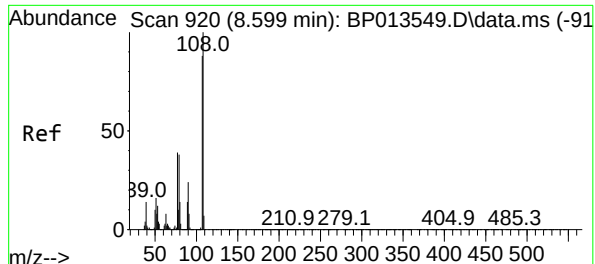
Ion Ratio Lower Upper

45 100

77 13.8 0.0 34.2

79 11.1 0.0 30.4





#17

2-Methylphenol

Concen: 20.478 ng

RT: 8.599 min Scan# 91

Delta R.T. 0.000 min

Lab File: BP013548.D

Acq: 23 Jan 2023 13:08

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:107 Resp: 375801

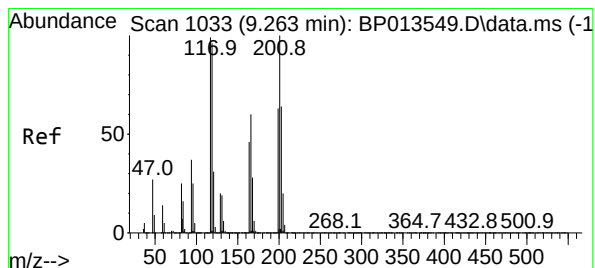
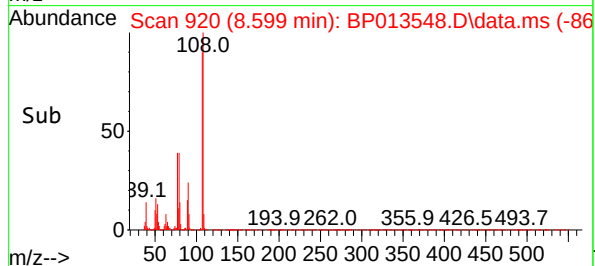
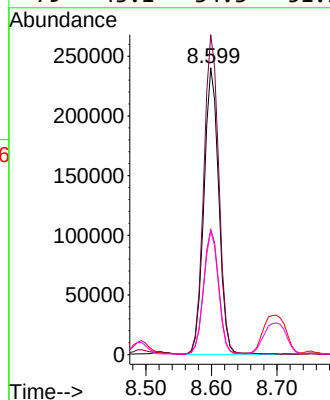
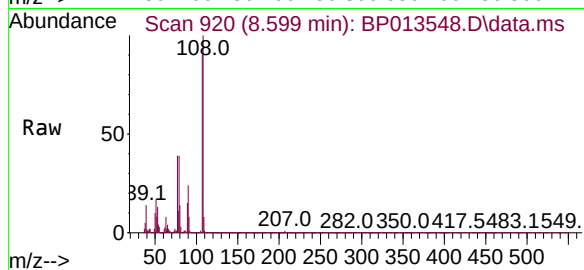
Ion Ratio Lower Upper

107 100

108 111.6 90.5 135.7

77 43.5 35.4 53.2

79 43.1 34.3 51.5



#18

Hexachloroethane

Concen: 20.083 ng

RT: 9.263 min Scan# 1033

Delta R.T. 0.000 min

Lab File: BP013548.D

Acq: 23 Jan 2023 13:08

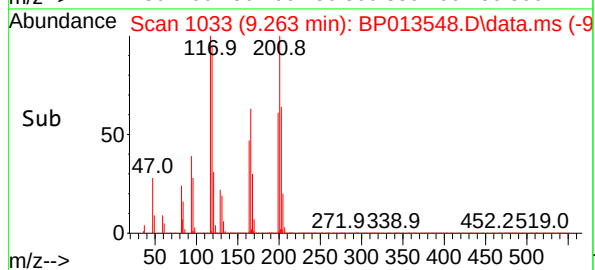
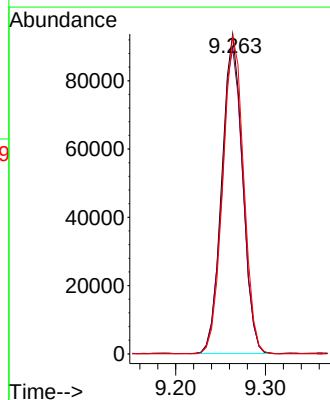
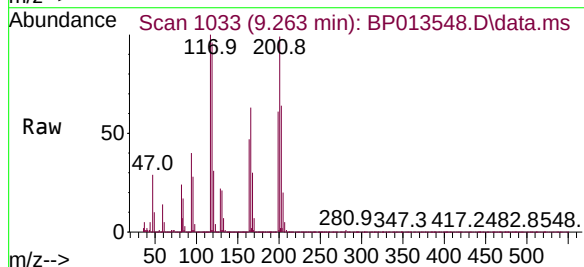
Tgt Ion:117 Resp: 150520

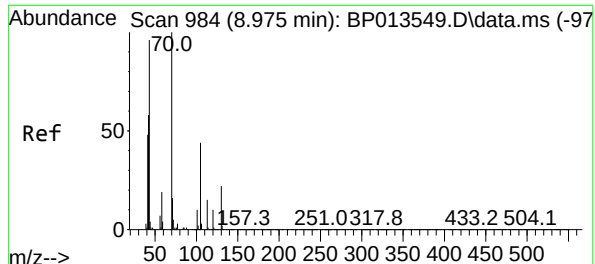
Ion Ratio Lower Upper

117 100

119 95.5 77.0 115.6

201 99.4 80.6 120.8





#19

n-Nitroso-di-n-propylamine

Concen: 21.431 ng

RT: 8.975 min Scan# 984

Delta R.T. 0.000 min

Lab File: BP013548.D

Acq: 23 Jan 2023 13:08

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 336670

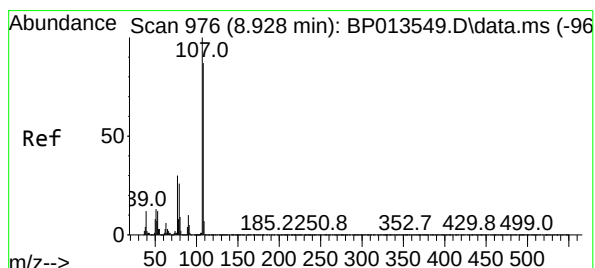
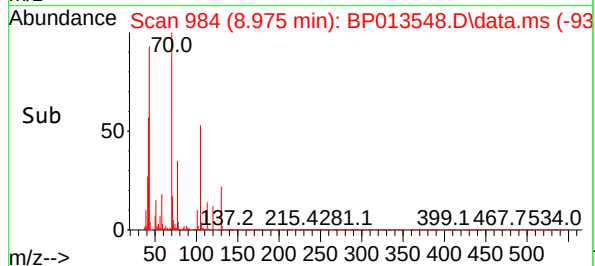
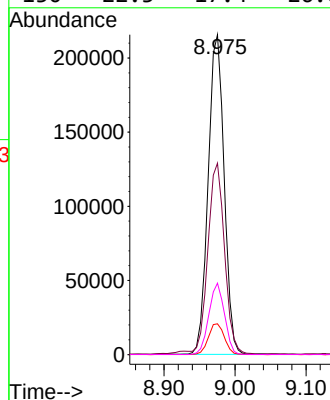
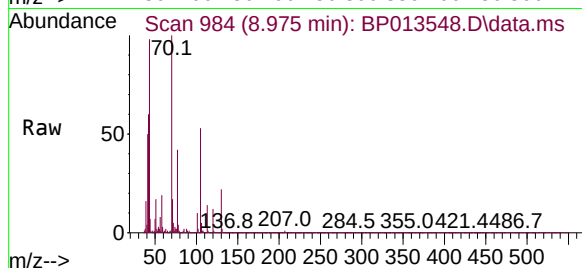
Ion Ratio Lower Upper

70 100

42 59.8 47.2 70.8

101 9.6 8.0 12.0

130 22.3 17.4 26.0



#20

3+4-Methylphenols

Concen: 20.236 ng

RT: 8.928 min Scan# 976

Delta R.T. 0.000 min

Lab File: BP013548.D

Acq: 23 Jan 2023 13:08

Tgt Ion: 107 Resp: 488803

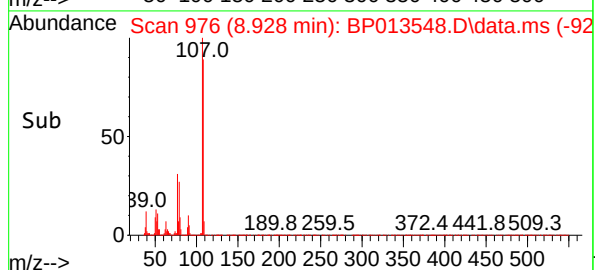
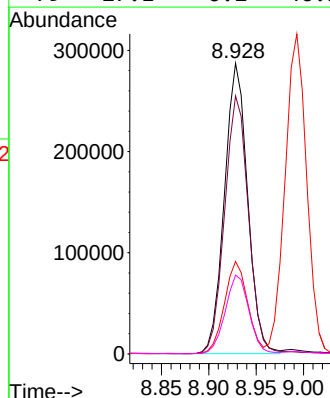
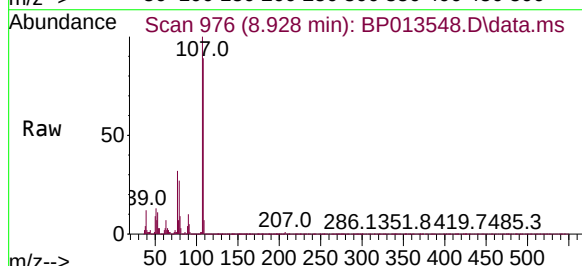
Ion Ratio Lower Upper

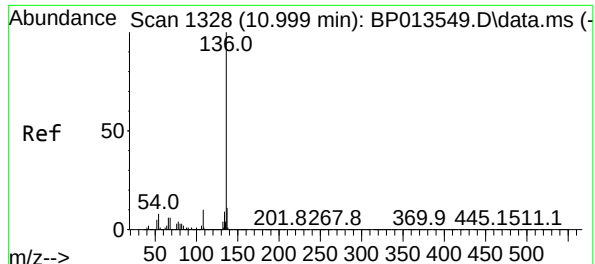
107 100

108 88.8 67.5 107.5

77 31.8 10.5 50.5

79 27.1 6.2 46.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.999 min Scan# 1328

Delta R.T. 0.000 min

Lab File: BP013548.D

Acq: 23 Jan 2023 13:08

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:136 Resp: 1289531

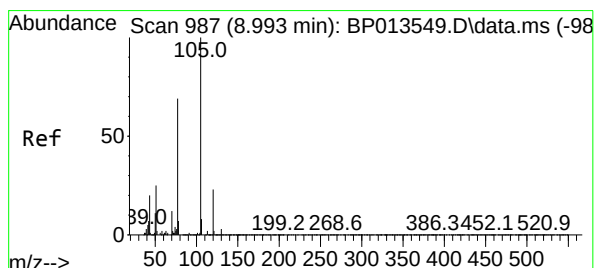
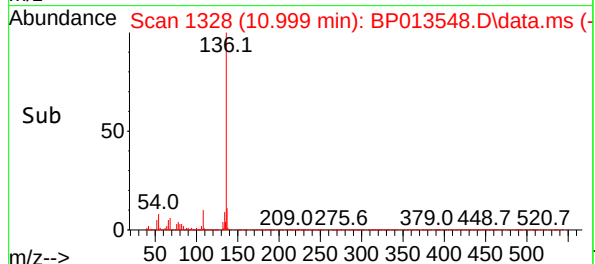
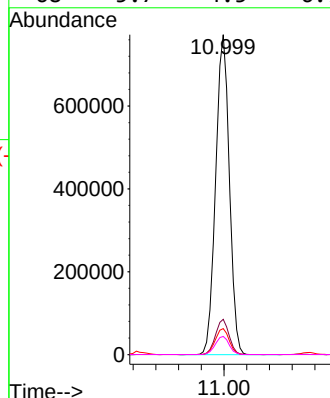
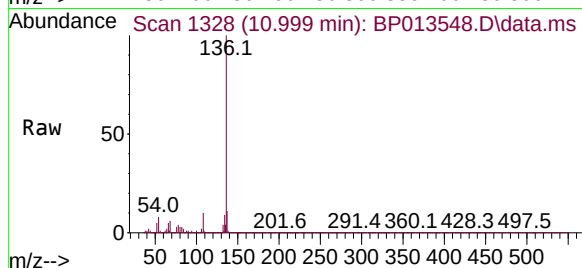
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 8.1 6.6 9.8

68 5.7 4.5 6.7



#22

Acetophenone

Concen: 20.266 ng

RT: 8.993 min Scan# 987

Delta R.T. 0.000 min

Lab File: BP013548.D

Acq: 23 Jan 2023 13:08

Tgt Ion:105 Resp: 670438

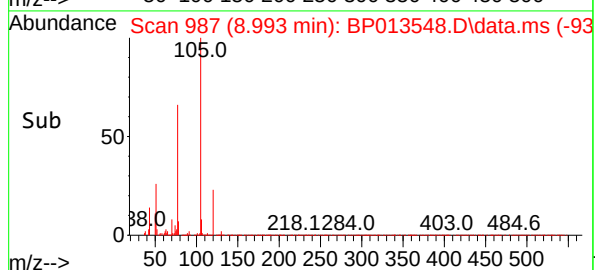
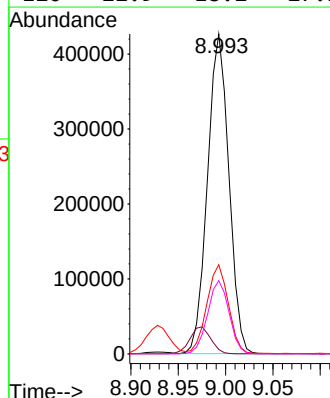
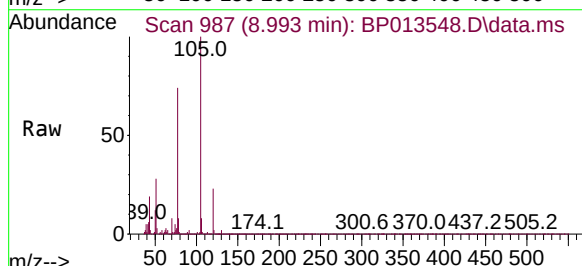
Ion Ratio Lower Upper

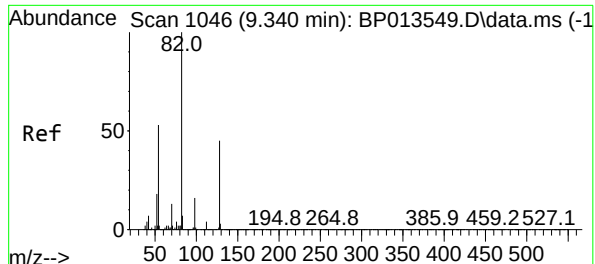
105 100

71 1.4 1.8 2.8#

51 27.9 21.1 31.7

120 22.9 18.2 27.2





#23

Nitrobenzene-d5

Concen: 39.190 ng

RT: 9.334 min Scan# 1045

Delta R.T. -0.006 min

Lab File: BP013548.D

Acq: 23 Jan 2023 13:08

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

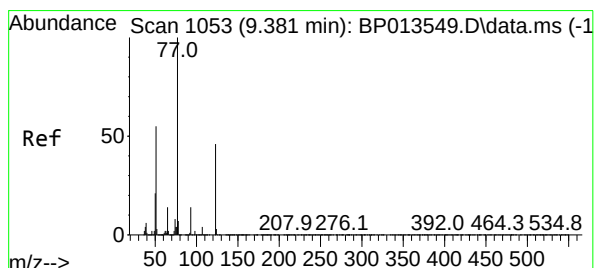
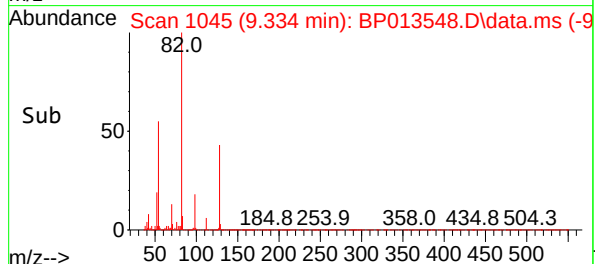
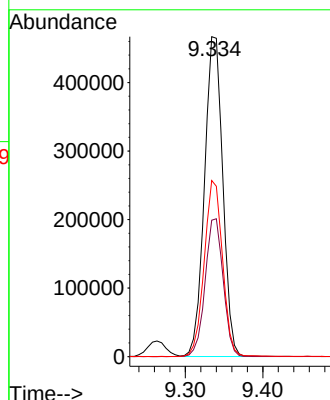
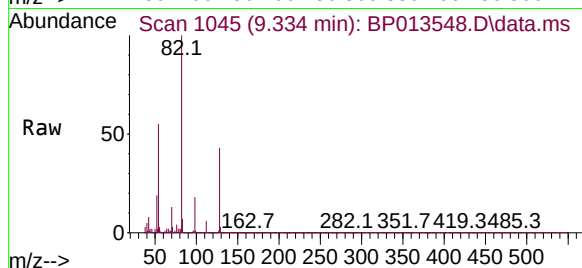
Tgt Ion: 82 Resp: 765516

Ion Ratio Lower Upper

82 100

128 42.6 35.8 53.6

54 55.0 42.6 64.0



#24

Nitrobenzene

Concen: 19.870 ng

RT: 9.381 min Scan# 1053

Delta R.T. 0.000 min

Lab File: BP013548.D

Acq: 23 Jan 2023 13:08

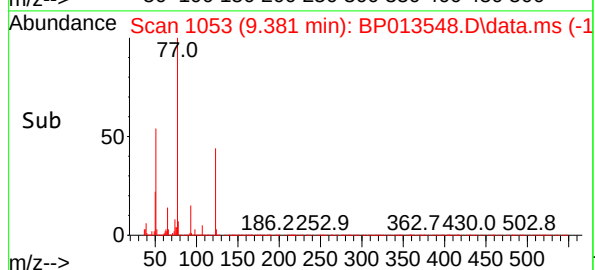
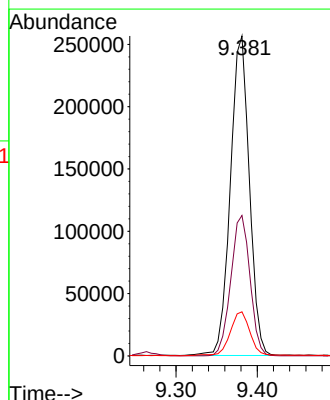
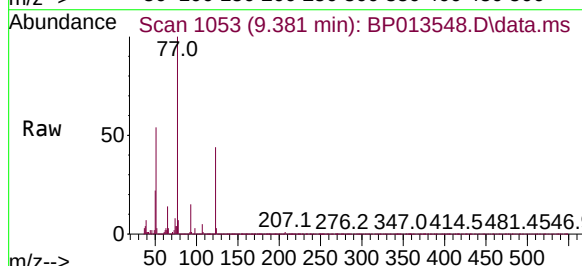
Tgt Ion: 77 Resp: 417316

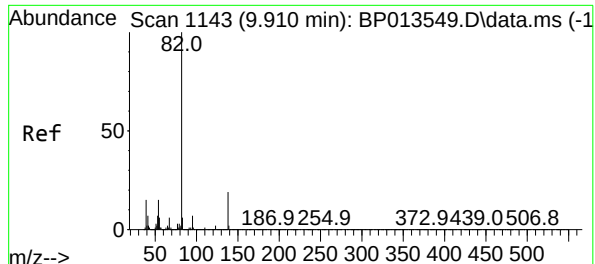
Ion Ratio Lower Upper

77 100

123 43.9 37.2 55.8

65 13.8 11.1 16.7

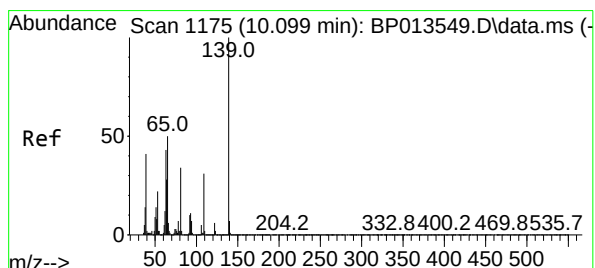
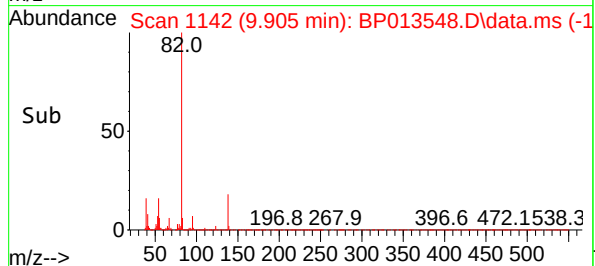
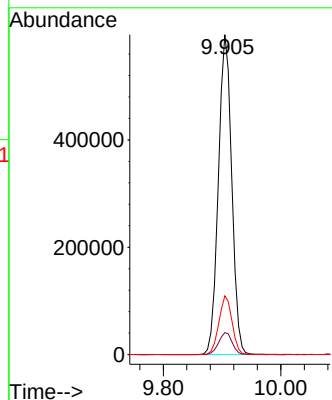
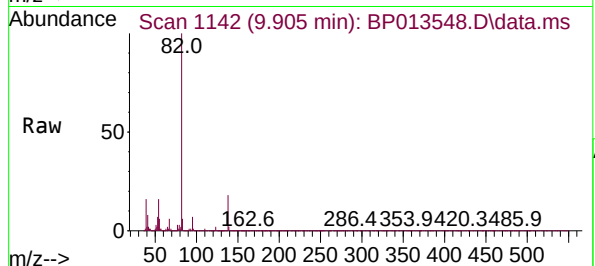




#25
Isophorone
Concen: 20.240 ng
RT: 9.905 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BP013548.D
Acq: 23 Jan 2023 13:08

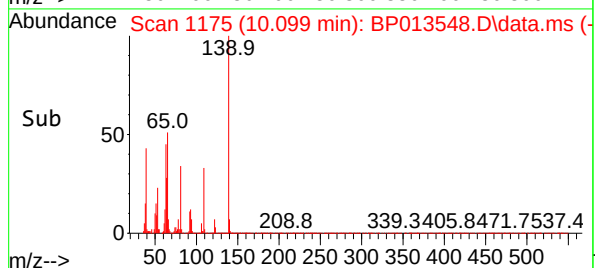
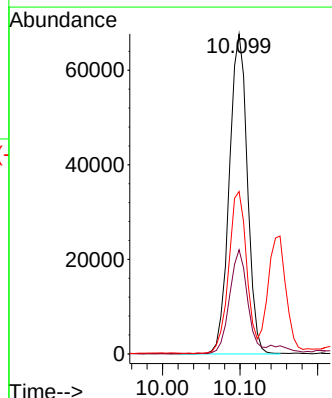
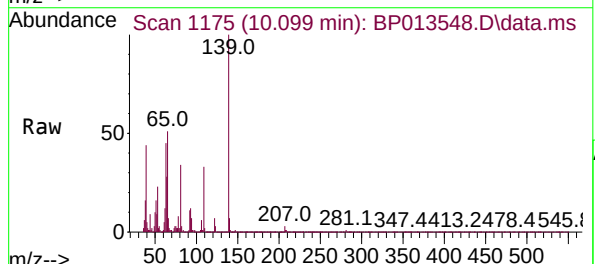
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

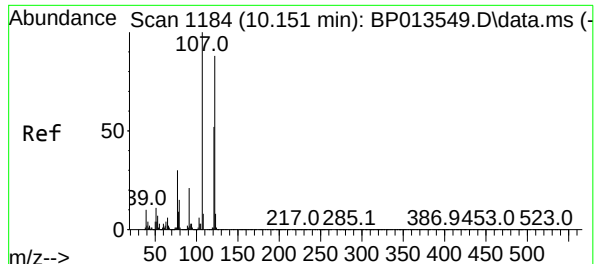
Tgt Ion: 82 Resp: 937764
Ion Ratio Lower Upper
82 100
95 6.9 5.8 8.8
138 18.4 15.1 22.7



#26
2-Nitrophenol
Concen: 16.780 ng
RT: 10.099 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BP013548.D
Acq: 23 Jan 2023 13:08

Tgt Ion: 139 Resp: 109894
Ion Ratio Lower Upper
139 100
109 32.5 25.1 37.7
65 50.8 40.1 60.1

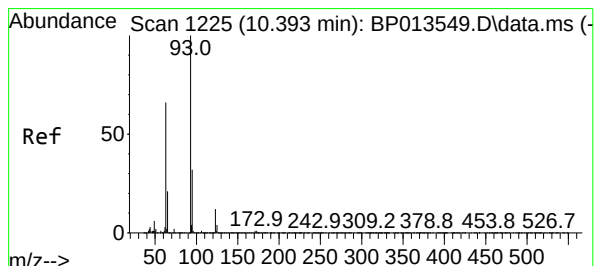
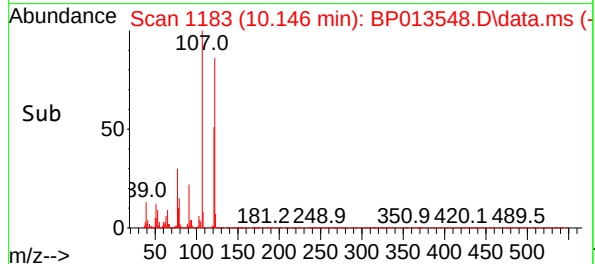
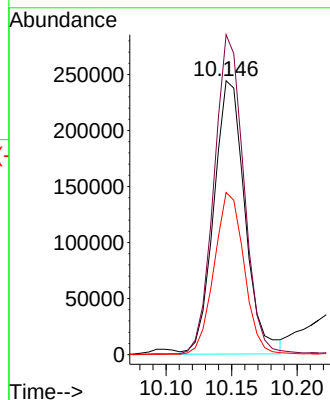
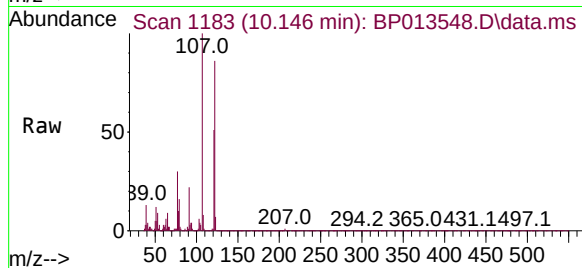




#27
2,4-Dimethylphenol
Concen: 19.711 ng
RT: 10.146 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BP013548.D
Acq: 23 Jan 2023 13:08

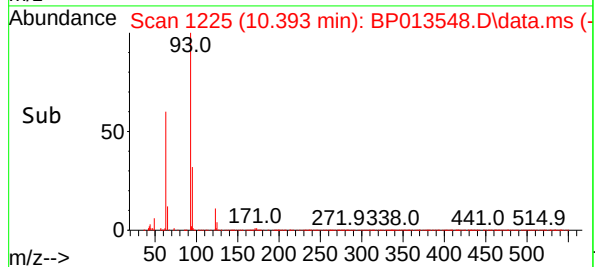
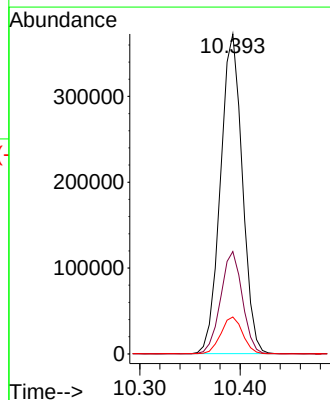
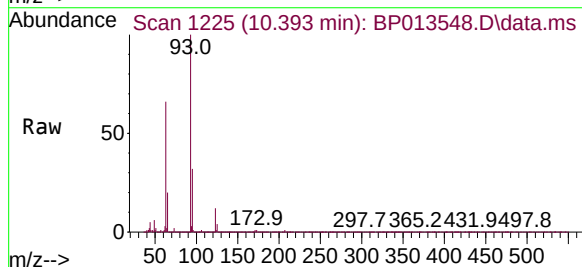
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

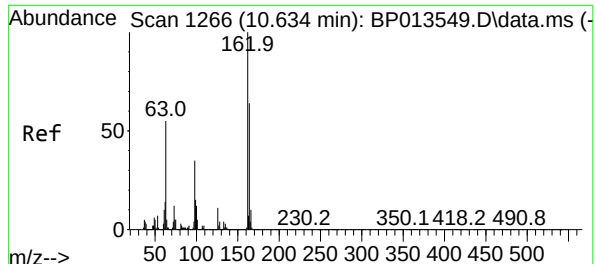
Tgt Ion:122 Resp: 402570
Ion Ratio Lower Upper
122 100
107 116.9 90.7 136.1
121 59.2 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 20.194 ng
RT: 10.393 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BP013548.D
Acq: 23 Jan 2023 13:08

Tgt Ion: 93 Resp: 563840
Ion Ratio Lower Upper
93 100
95 32.0 25.8 38.8
123 11.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 19.755 ng

RT: 10.634 min Scan# 1266

Delta R.T. 0.000 min

Lab File: BP013548.D

Acq: 23 Jan 2023 13:08

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

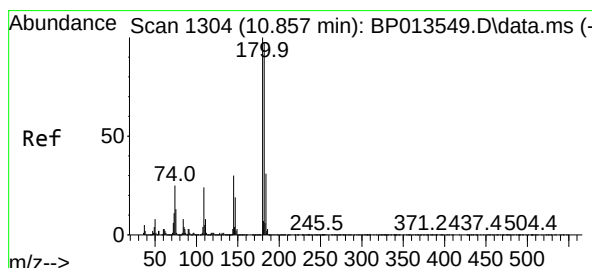
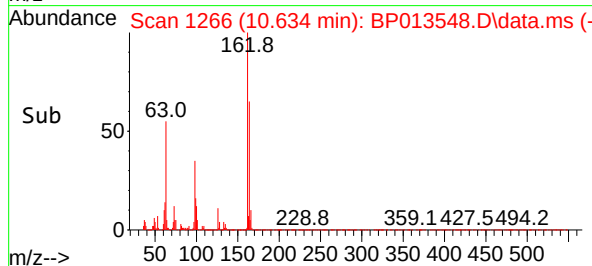
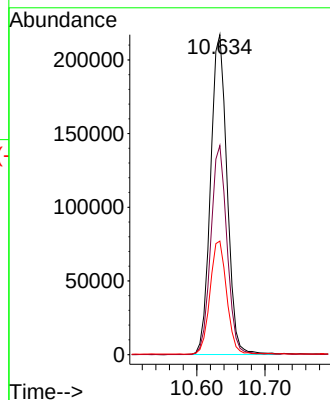
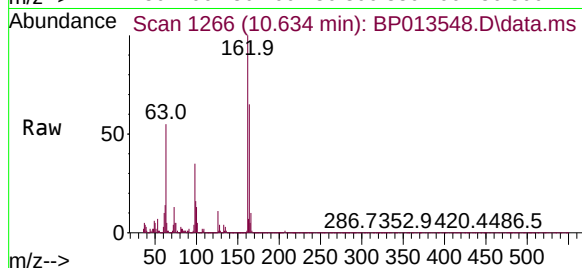
Tgt Ion:162 Resp: 363440

Ion Ratio Lower Upper

162 100

164 65.3 44.3 84.3

98 35.5 15.3 55.3



#30

1,2,4-Trichlorobenzene

Concen: 19.878 ng

RT: 10.857 min Scan# 1304

Delta R.T. 0.000 min

Lab File: BP013548.D

Acq: 23 Jan 2023 13:08

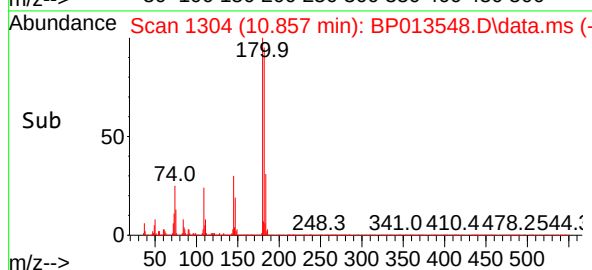
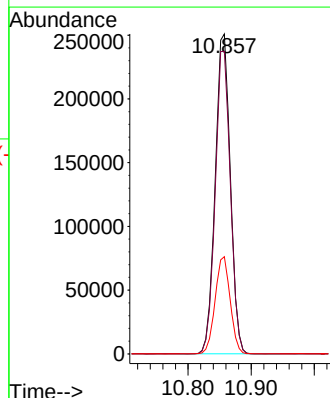
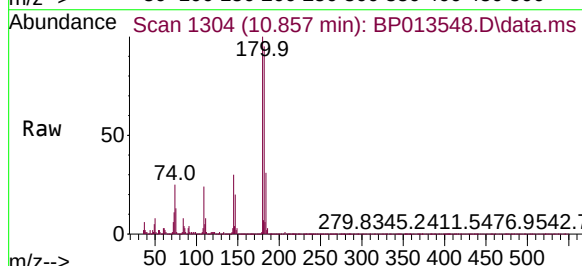
Tgt Ion:180 Resp: 417340

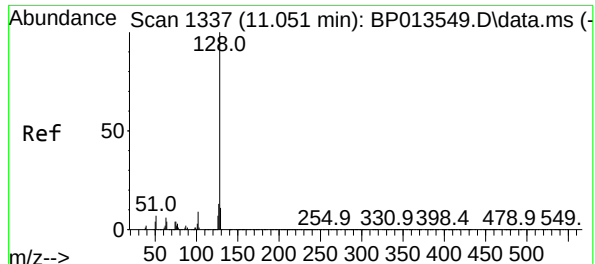
Ion Ratio Lower Upper

180 100

182 94.5 77.9 116.9

145 30.4 24.0 36.0





#31

Naphthalene

Concen: 20.042 ng

RT: 11.046 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP013548.D

Acq: 23 Jan 2023 13:08

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

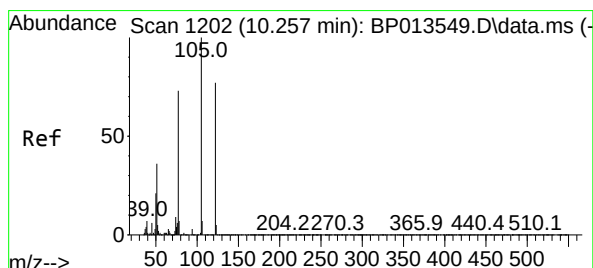
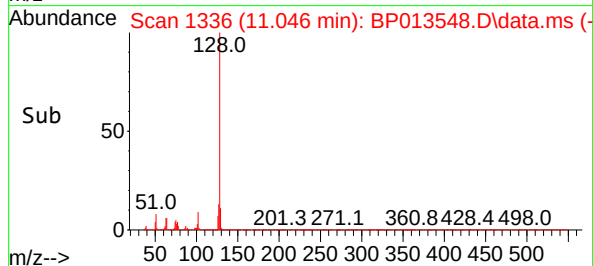
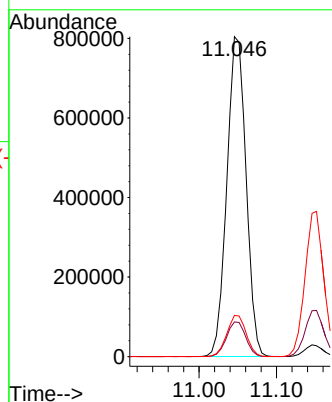
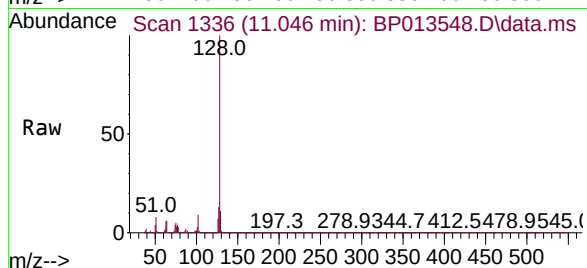
Tgt Ion:128 Resp: 1389473

Ion Ratio Lower Upper

128 100

129 10.8 8.5 12.7

127 12.9 10.6 16.0



#32

Benzoic acid

Concen: 15.309 ng

RT: 10.240 min Scan# 1199

Delta R.T. -0.018 min

Lab File: BP013548.D

Acq: 23 Jan 2023 13:08

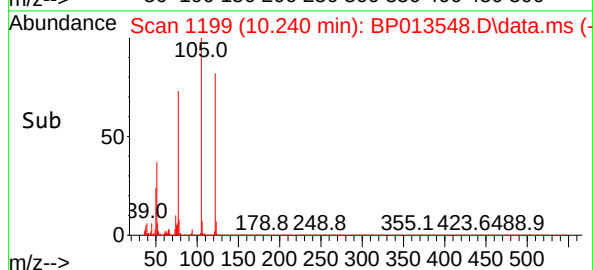
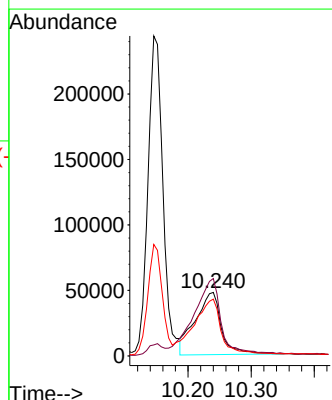
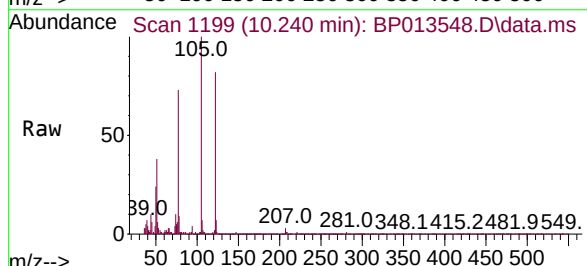
Tgt Ion:122 Resp: 136659

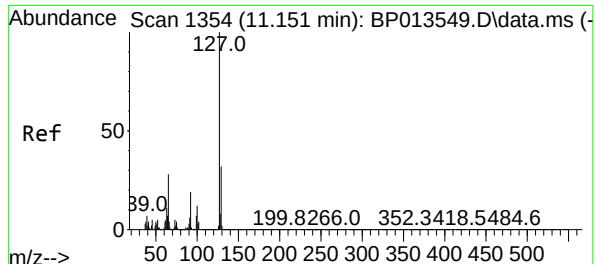
Ion Ratio Lower Upper

122 100

105 121.9 100.5 140.5

77 89.5 70.9 110.9

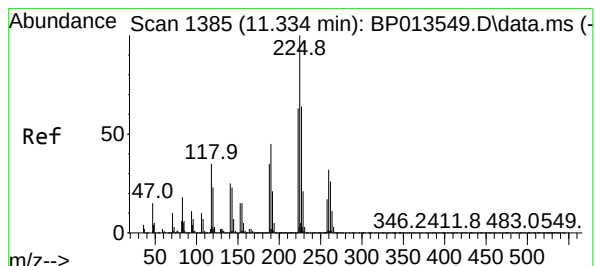
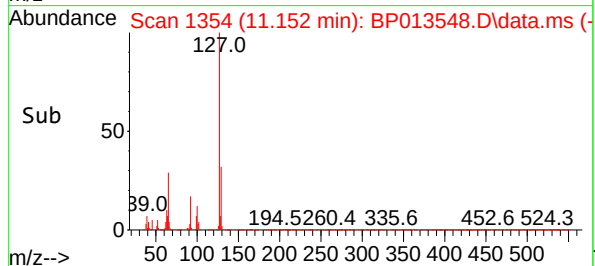
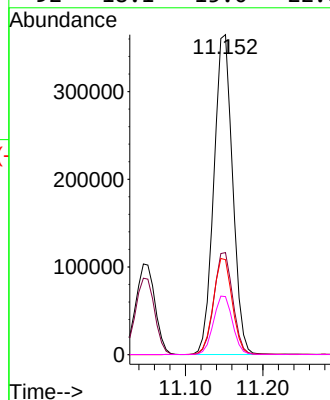
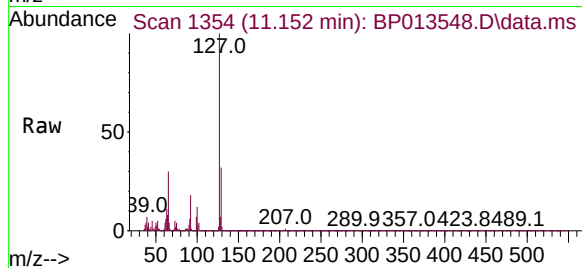




#33
4-Chloroaniline
Concen: 19.999 ng
RT: 11.152 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP013548.D
Acq: 23 Jan 2023 13:08

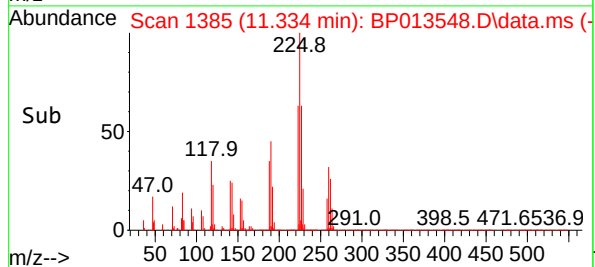
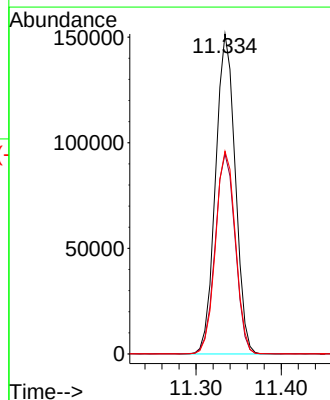
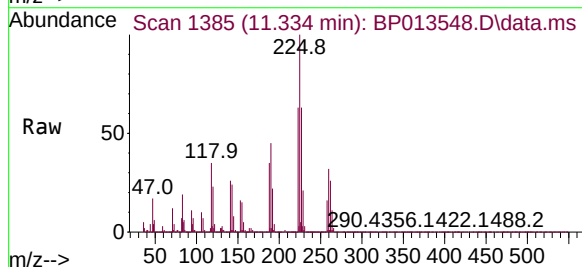
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

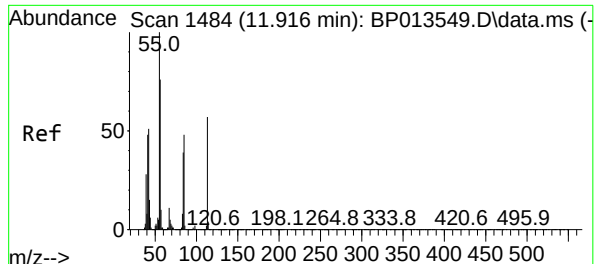
Tgt Ion:	127	Resp:	613471
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.7	38.5
65	29.7	22.7	34.1
92	18.1	15.0	22.6



#34
Hexachlorobutadiene
Concen: 19.897 ng
RT: 11.334 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BP013548.D
Acq: 23 Jan 2023 13:08

Tgt Ion:	225	Resp:	243095
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.2	75.2
227	63.3	51.4	77.2





#35

Caprolactam

Concen: 19.731 ng

RT: 11.910 min Scan# 1483

Delta R.T. -0.006 min

Lab File: BP013548.D

Acq: 23 Jan 2023 13:08

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

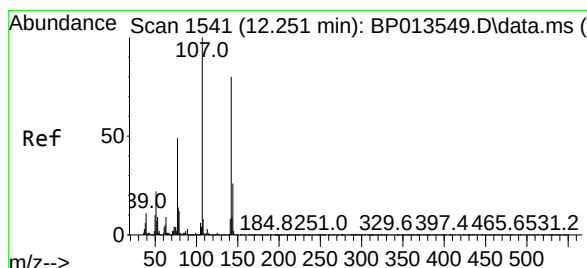
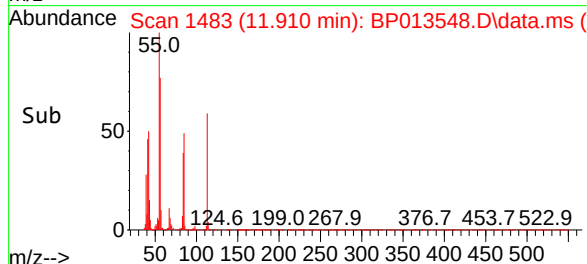
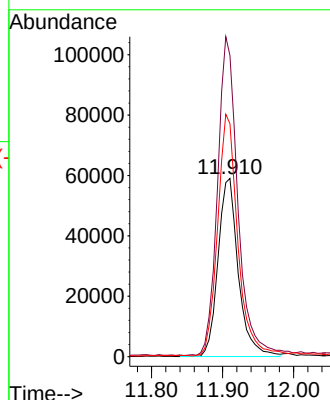
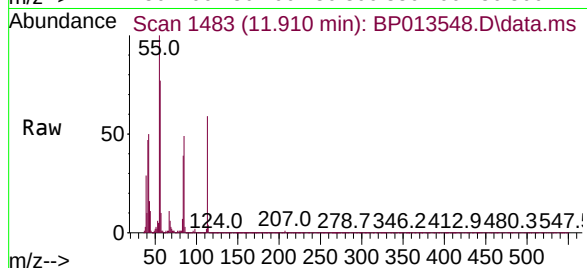
Tgt Ion:113 Resp: 117254

Ion Ratio Lower Upper

113 100

55 169.1 156.5 196.5

56 130.8 113.5 153.5



#36

4-Chloro-3-methylphenol

Concen: 20.252 ng

RT: 12.252 min Scan# 1541

Delta R.T. 0.000 min

Lab File: BP013548.D

Acq: 23 Jan 2023 13:08

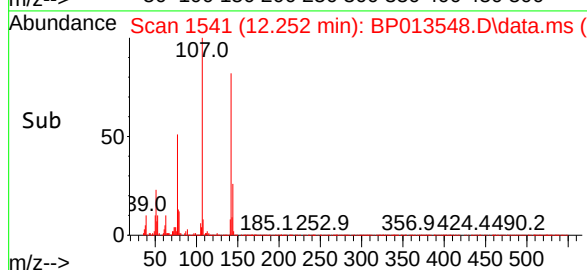
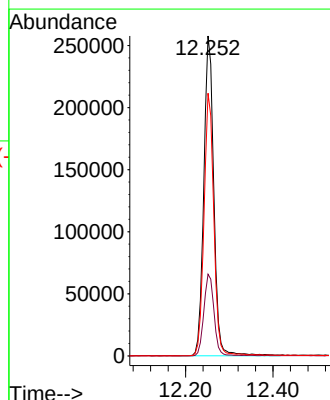
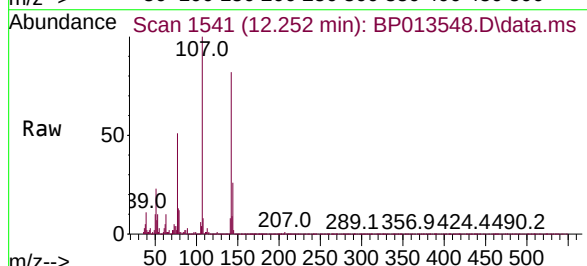
Tgt Ion:107 Resp: 405762

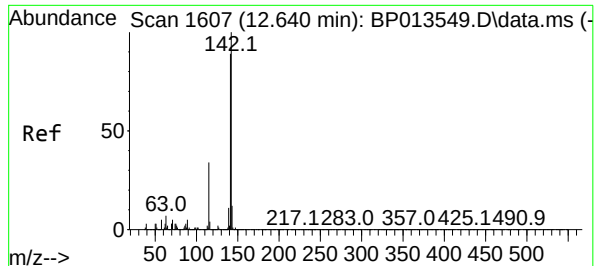
Ion Ratio Lower Upper

107 100

144 25.5 21.1 31.7

142 82.1 64.0 96.0

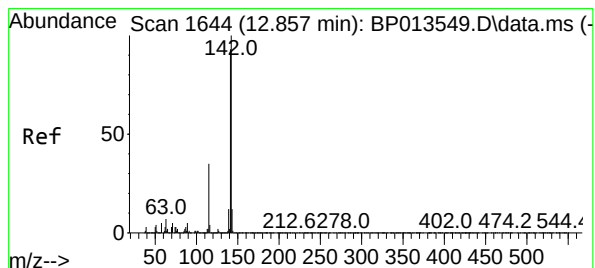
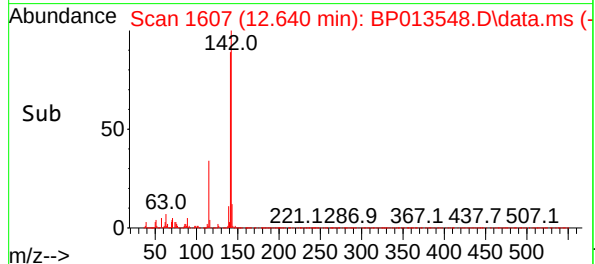
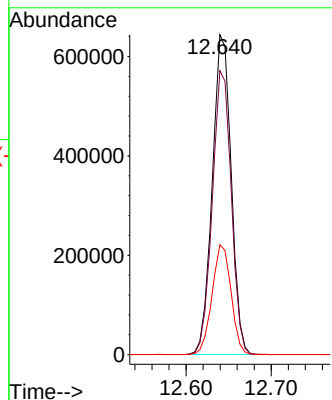
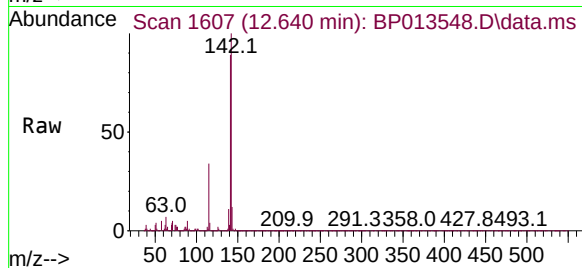




#37
2-Methylnaphthalene
Concen: 20.112 ng
RT: 12.640 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BP013548.D
Acq: 23 Jan 2023 13:08

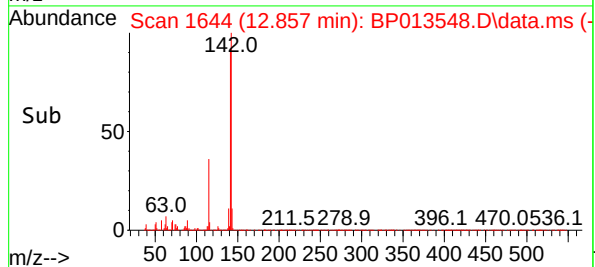
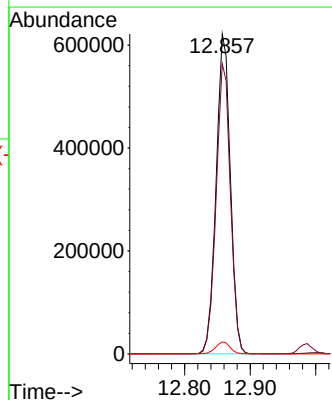
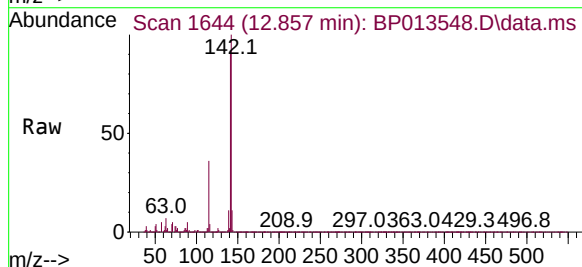
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

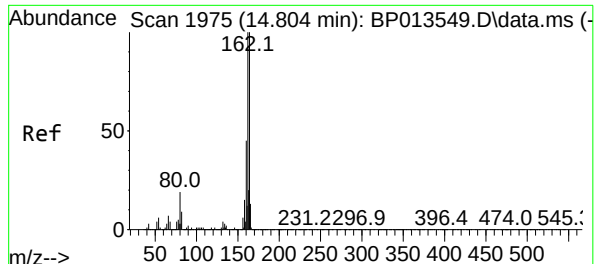
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.4	107.2
115	34.3	27.4	41.2



#38
1-Methylnaphthalene
Concen: 20.233 ng
RT: 12.857 min Scan# 1644
Delta R.T. 0.000 min
Lab File: BP013548.D
Acq: 23 Jan 2023 13:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	74.3	111.5
116	3.7	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.804 min Scan# 1975

Delta R.T. 0.000 min

Lab File: BP013548.D

Acq: 23 Jan 2023 13:08

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

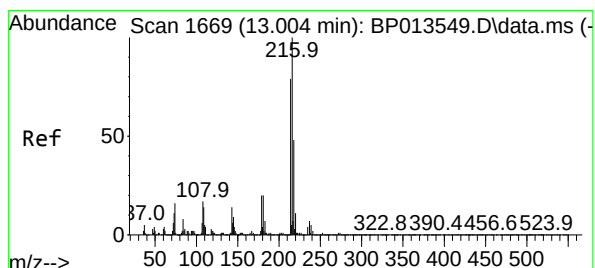
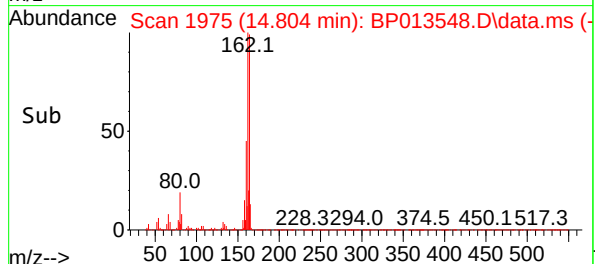
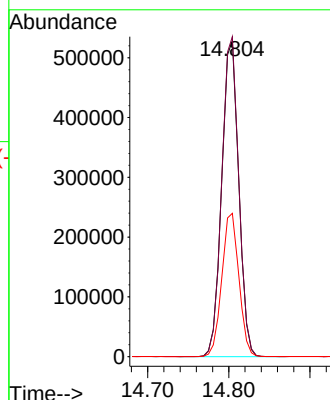
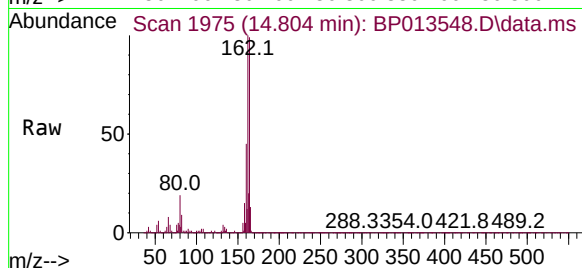
Tgt Ion:164 Resp: 765762

Ion Ratio Lower Upper

164 100

162 101.3 80.1 120.1

160 45.3 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 19.624 ng

RT: 13.004 min Scan# 1669

Delta R.T. 0.000 min

Lab File: BP013548.D

Acq: 23 Jan 2023 13:08

Tgt Ion:216 Resp: 462647

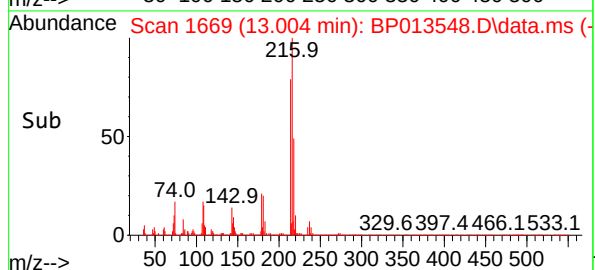
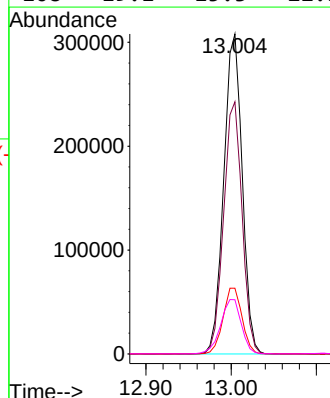
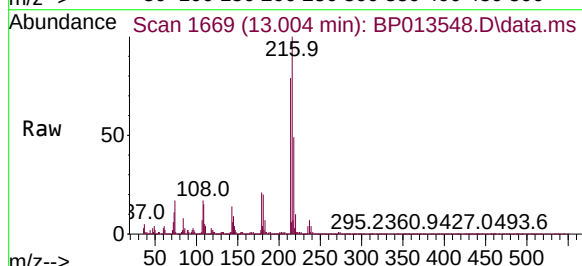
Ion Ratio Lower Upper

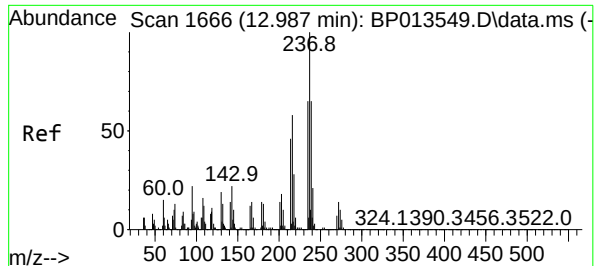
216 100

214 78.8 62.9 94.3

179 21.2 16.6 24.8

108 19.1 15.3 22.9

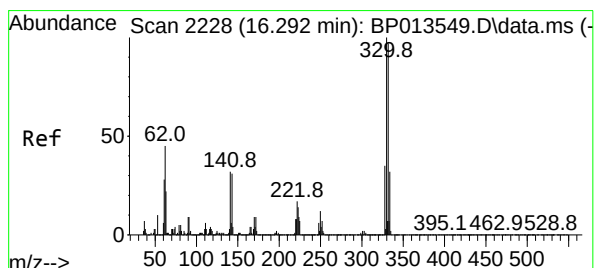
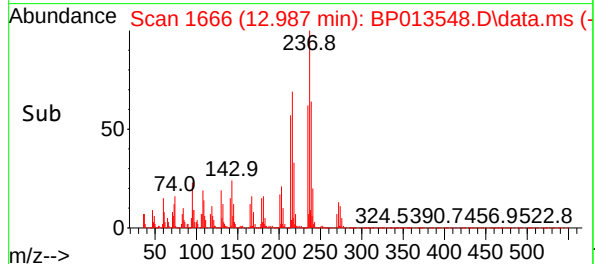
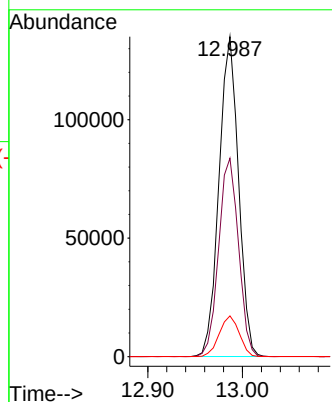
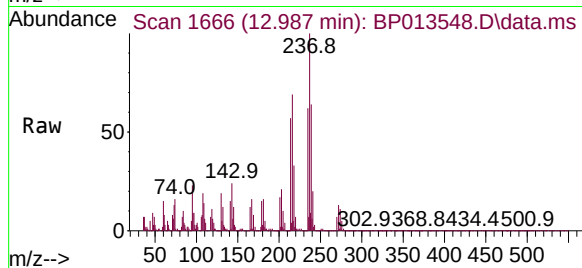




#41
Hexachlorocyclopentadiene
Concen: 17.419 ng
RT: 12.987 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BP013548.D
Acq: 23 Jan 2023 13:08

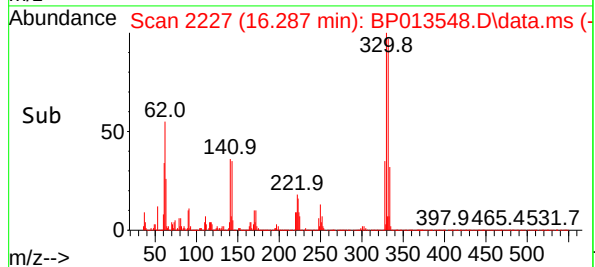
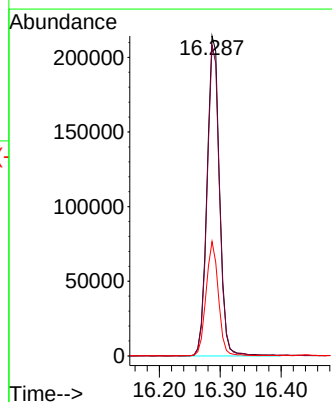
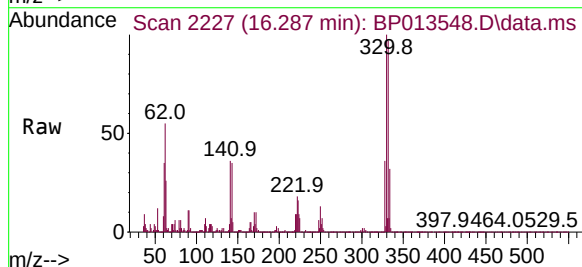
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

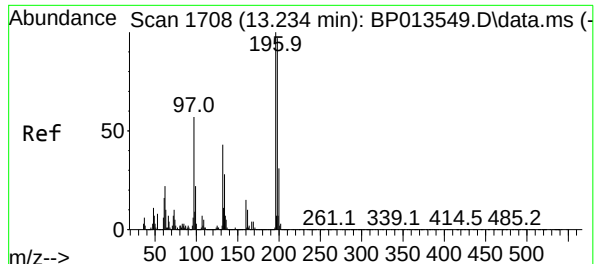
Tgt Ion: 237 Resp: 193321
Ion Ratio Lower Upper
237 100
235 62.0 44.6 84.6
272 12.7 0.0 33.9



#42
2,4,6-Tribromophenol
Concen: 38.157 ng
RT: 16.287 min Scan# 2227
Delta R.T. -0.006 min
Lab File: BP013548.D
Acq: 23 Jan 2023 13:08

Tgt Ion: 330 Resp: 304633
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.2
141 35.2 27.6 41.4





#43

2,4,6-Trichlorophenol

Concen: 19.483 ng

RT: 13.234 min Scan# 1708

Delta R.T. 0.000 min

Lab File: BP013548.D

Acq: 23 Jan 2023 13:08

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

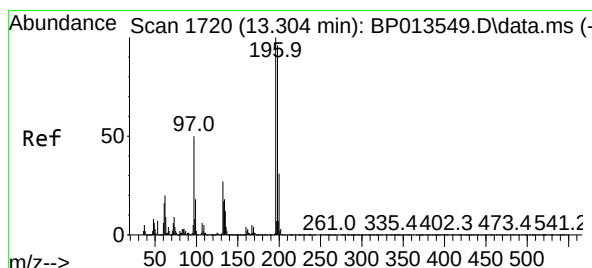
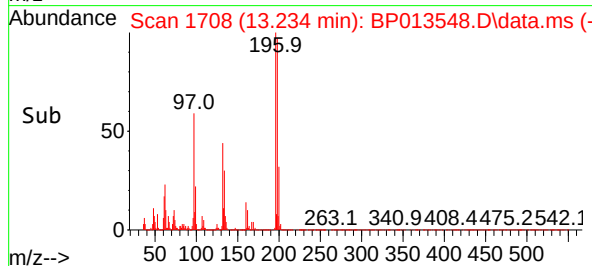
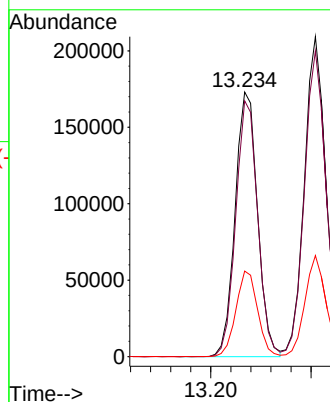
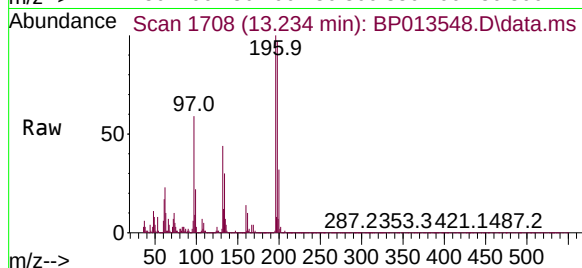
Tgt Ion:196 Resp: 268823

Ion Ratio Lower Upper

196 100

198 96.7 77.3 115.9

200 32.4 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 19.511 ng

RT: 13.304 min Scan# 1720

Delta R.T. 0.000 min

Lab File: BP013548.D

Acq: 23 Jan 2023 13:08

Tgt Ion:196 Resp: 318128

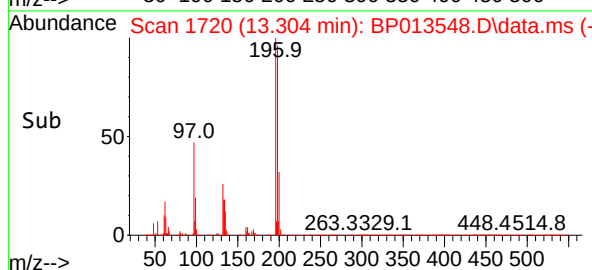
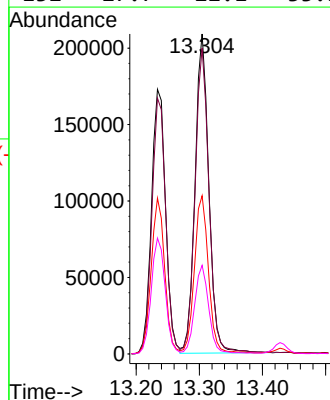
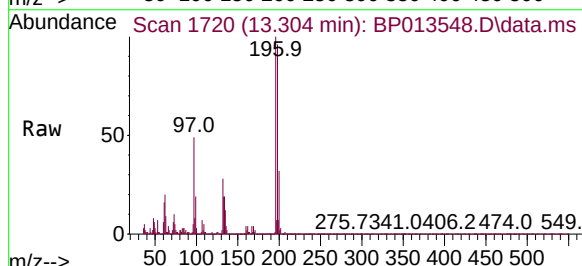
Ion Ratio Lower Upper

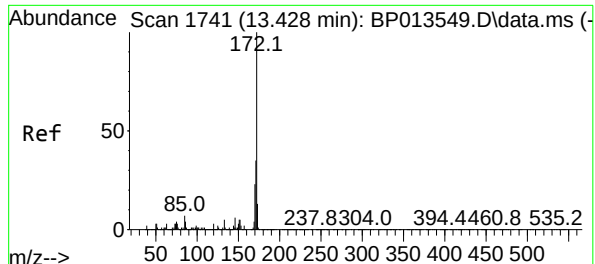
196 100

198 95.5 76.7 115.1

97 49.4 40.0 60.0

132 27.7 22.1 33.1

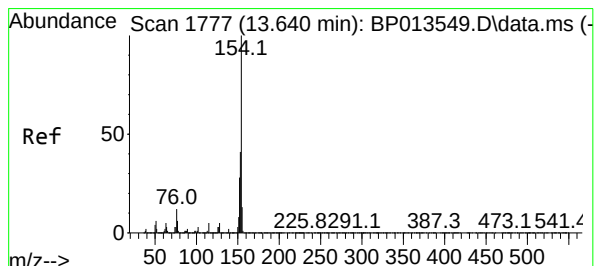
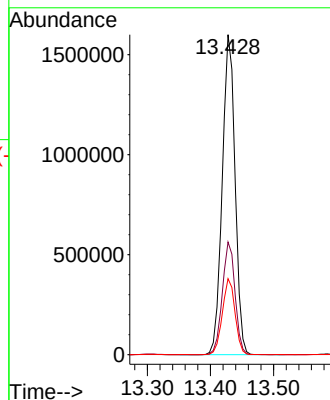
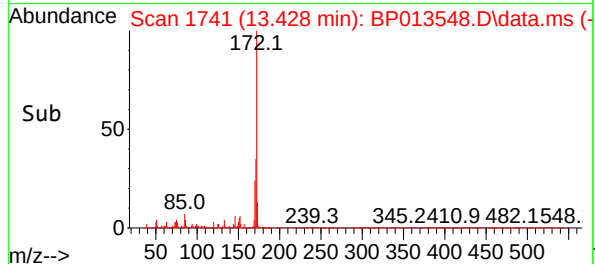
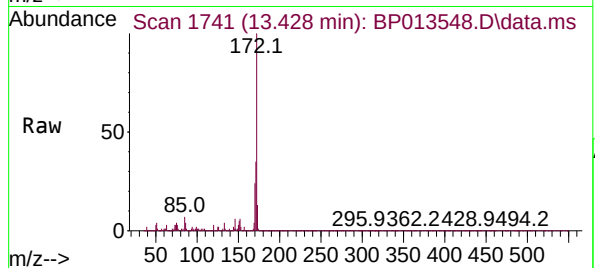




#45
2-Fluorobiphenyl
Concen: 40.295 ng
RT: 13.428 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BP013548.D
Acq: 23 Jan 2023 13:08

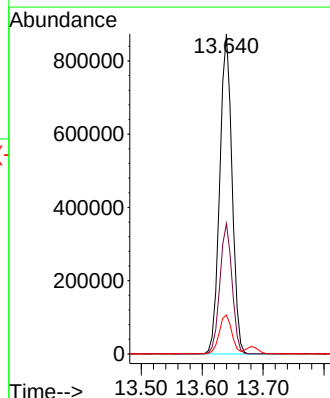
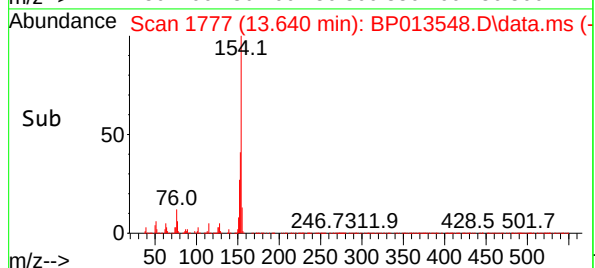
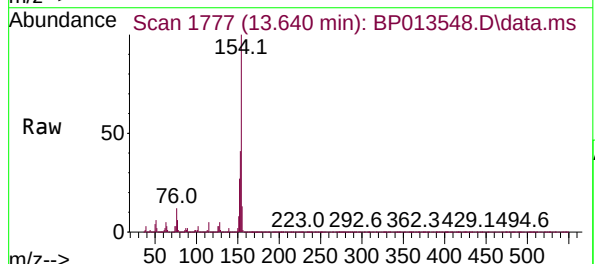
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

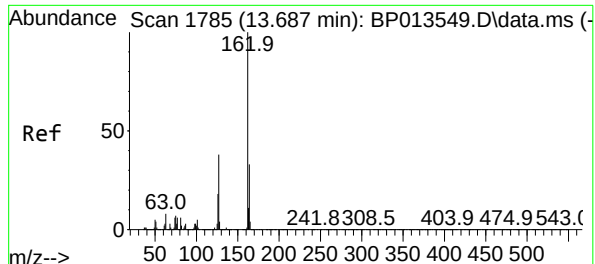
Tgt Ion:172 Resp: 2247954
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.8
170 23.7 18.6 27.8



#46
1,1'-Biphenyl
Concen: 19.877 ng
RT: 13.640 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BP013548.D
Acq: 23 Jan 2023 13:08

Tgt Ion:154 Resp: 1222446
Ion Ratio Lower Upper
154 100
153 40.7 20.5 60.5
76 12.1 0.0 32.1





#47

2-Chloronaphthalene

Concen: 19.961 ng

RT: 13.681 min Scan# 1785

Delta R.T. -0.006 min

Lab File: BP013548.D

Acq: 23 Jan 2023 13:08

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

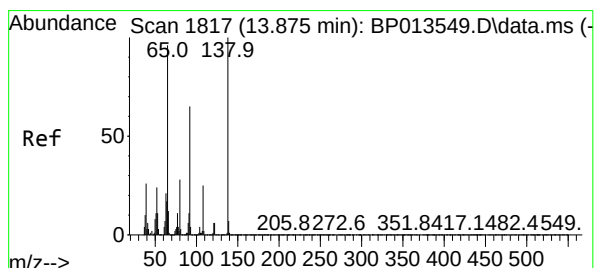
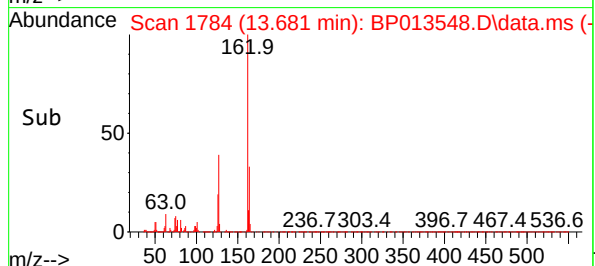
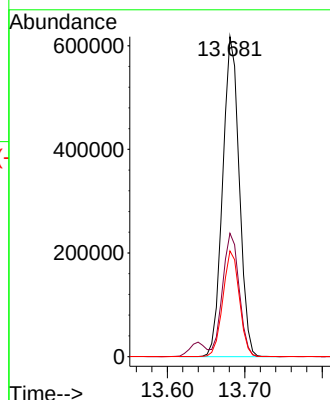
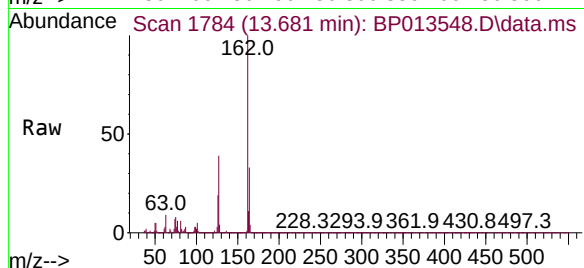
Tgt Ion:162 Resp: 919670

Ion Ratio Lower Upper

162 100

127 38.5 30.8 46.2

164 33.0 26.2 39.2



#48

2-Nitroaniline

Concen: 17.671 ng

RT: 13.875 min Scan# 1817

Delta R.T. 0.000 min

Lab File: BP013548.D

Acq: 23 Jan 2023 13:08

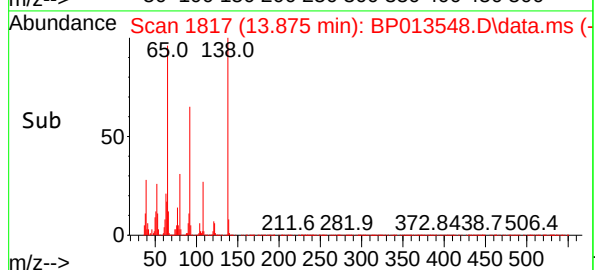
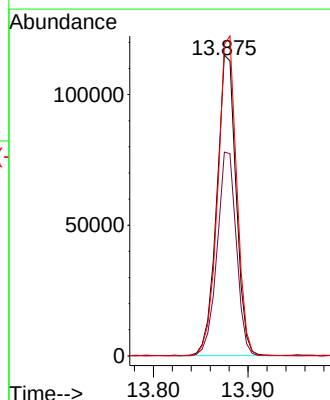
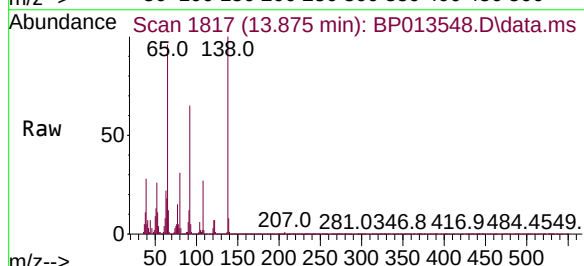
Tgt Ion: 65 Resp: 162900

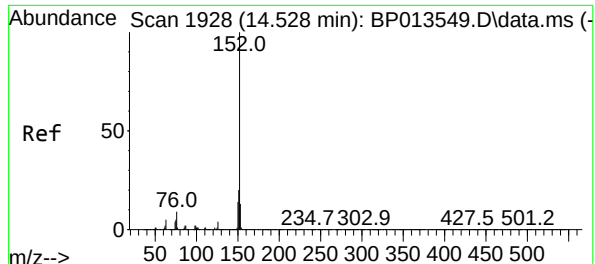
Ion Ratio Lower Upper

65 100

92 67.7 54.1 81.1

138 103.7 83.6 125.4





#49

Acenaphthylene

Concen: 20.043 ng

RT: 14.528 min Scan# 1928

Delta R.T. 0.000 min

Lab File: BP013548.D

Acq: 23 Jan 2023 13:08

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

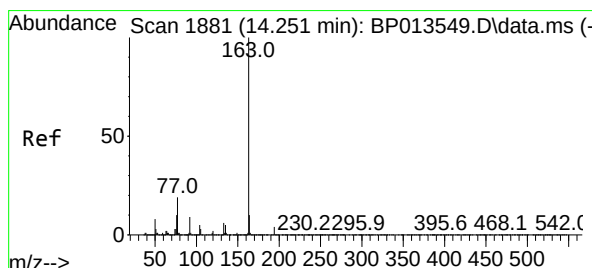
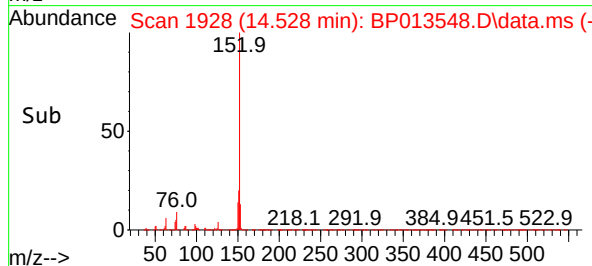
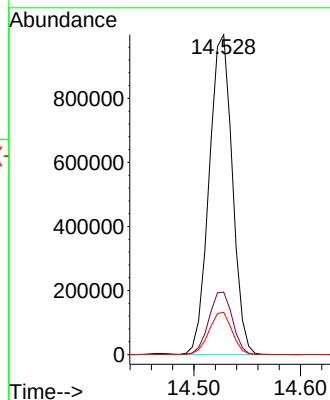
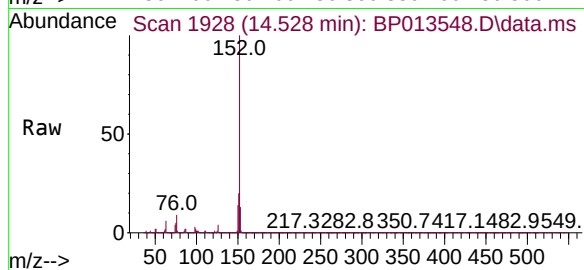
Tgt Ion:152 Resp: 1510172

Ion Ratio Lower Upper

152 100

151 19.5 16.1 24.1

153 13.2 10.1 15.1



#50

Dimethylphthalate

Concen: 19.998 ng

RT: 14.251 min Scan# 1881

Delta R.T. 0.000 min

Lab File: BP013548.D

Acq: 23 Jan 2023 13:08

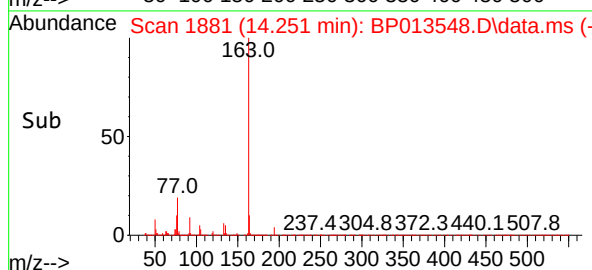
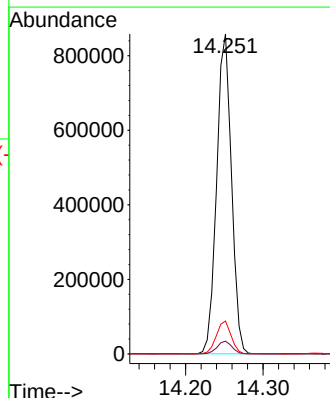
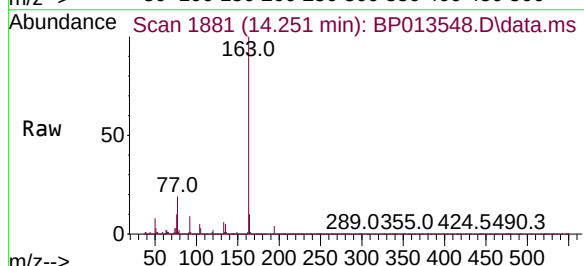
Tgt Ion:163 Resp: 1138352

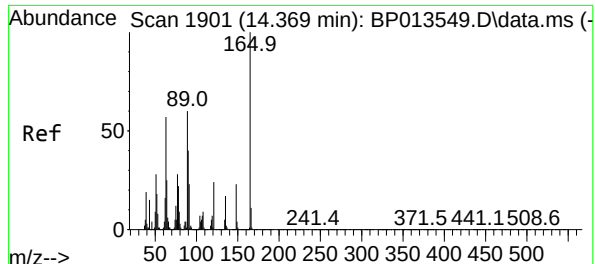
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.3 8.1 12.1

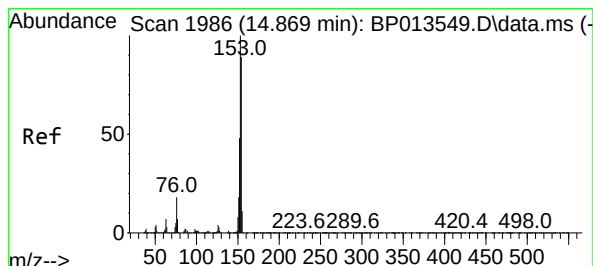
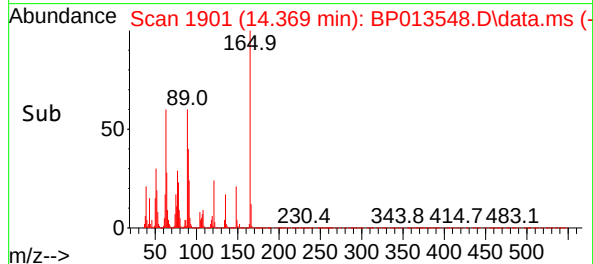
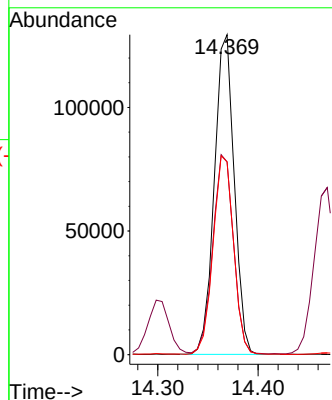
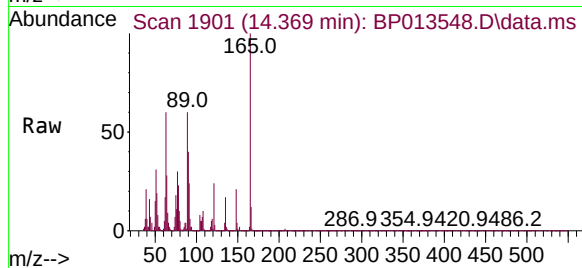




#51
2,6-Dinitrotoluene
Concen: 19.437 ng
RT: 14.369 min Scan# 1901
Delta R.T. 0.000 min
Lab File: BP013548.D
Acq: 23 Jan 2023 13:08

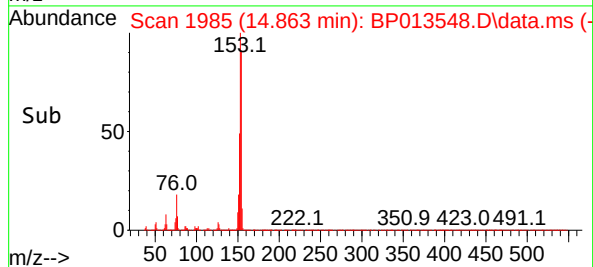
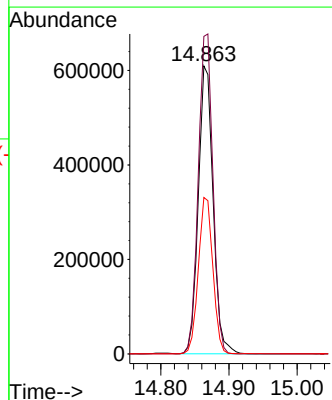
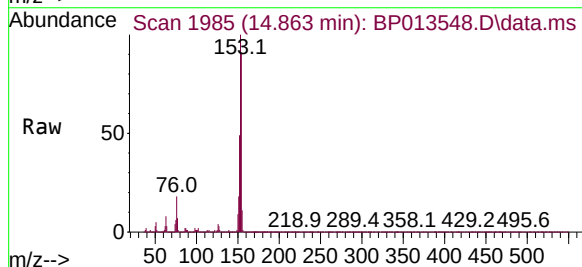
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

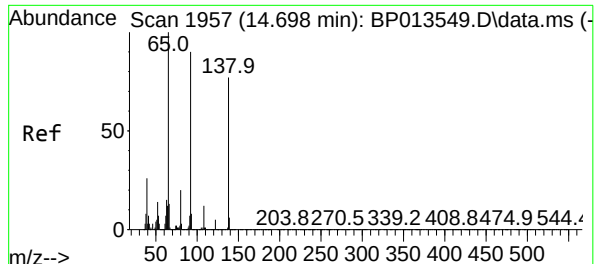
Tgt Ion:165 Resp: 178646
Ion Ratio Lower Upper
165 100
63 60.2 47.2 70.8
89 60.2 47.8 71.6



#52
Acenaphthene
Concen: 19.746 ng
RT: 14.863 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BP013548.D
Acq: 23 Jan 2023 13:08

Tgt Ion:154 Resp: 919035
Ion Ratio Lower Upper
154 100
153 110.3 89.4 134.0
152 54.3 42.7 64.1

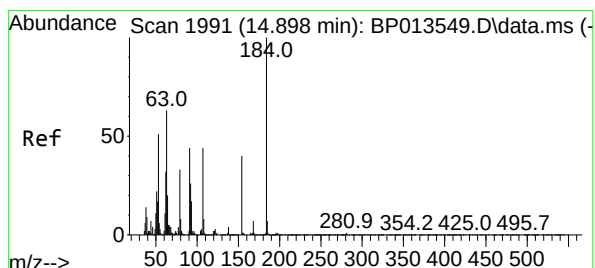
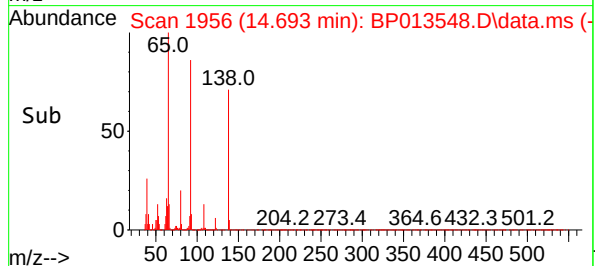
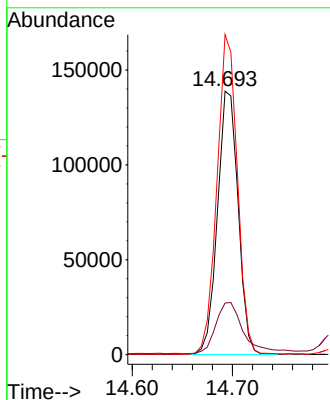
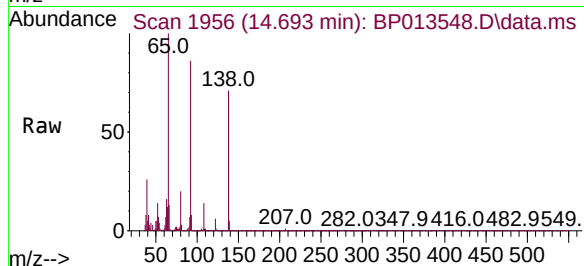




#53
3-Nitroaniline
Concen: 18.881 ng
RT: 14.693 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BP013548.D
Acq: 23 Jan 2023 13:08

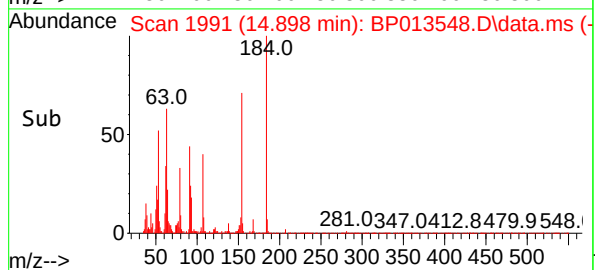
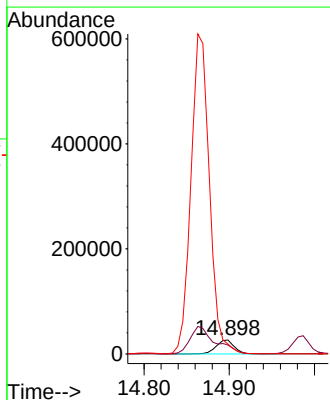
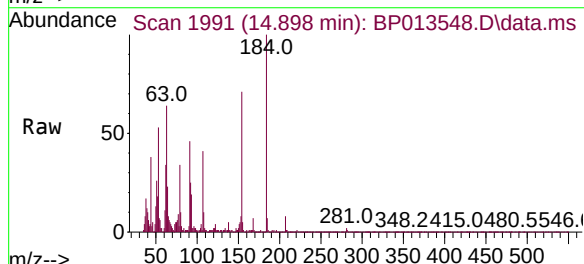
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

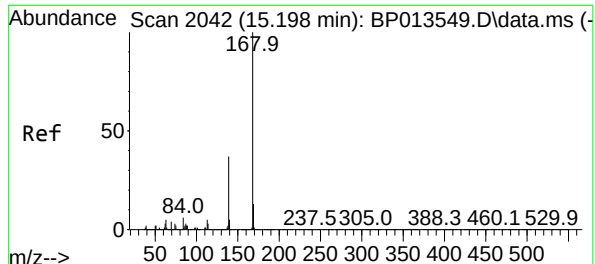
Tgt Ion:138 Resp: 198963
Ion Ratio Lower Upper
138 100
108 19.6 12.8 19.2#
92 121.5 93.3 139.9



#54
2,4-Dinitrophenol
Concen: 13.807 ng
RT: 14.898 min Scan# 1991
Delta R.T. 0.000 min
Lab File: BP013548.D
Acq: 23 Jan 2023 13:08

Tgt Ion:184 Resp: 38672
Ion Ratio Lower Upper
184 100
63 64.4 53.2 79.8
154 71.4 54.4 81.6





#55

Dibenzofuran

Concen: 19.987 ng

RT: 15.198 min Scan# 2042

Delta R.T. 0.000 min

Lab File: BP013548.D

Acq: 23 Jan 2023 13:08

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

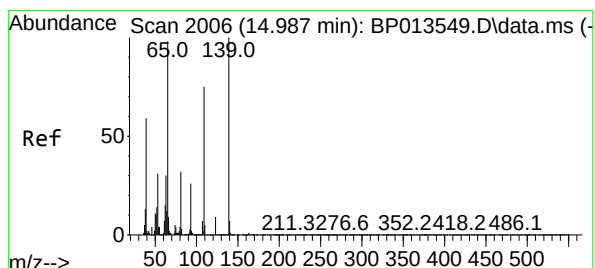
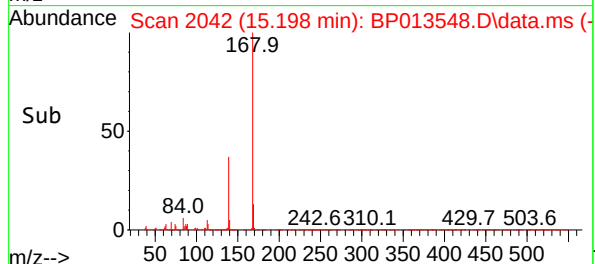
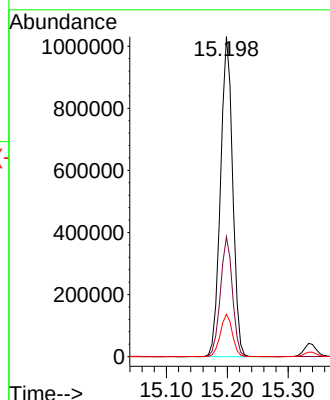
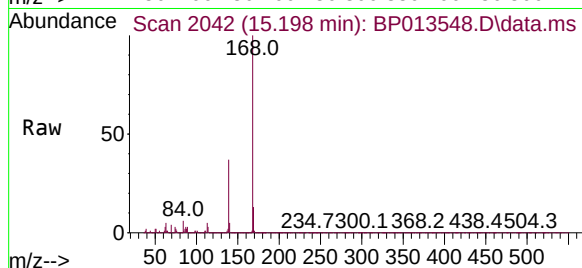
Tgt Ion:168 Resp: 1426506

Ion Ratio Lower Upper

168 100

139 37.4 29.9 44.9

169 13.2 10.7 16.1



#56

4-Nitrophenol

Concen: 17.401 ng

RT: 14.987 min Scan# 2006

Delta R.T. 0.000 min

Lab File: BP013548.D

Acq: 23 Jan 2023 13:08

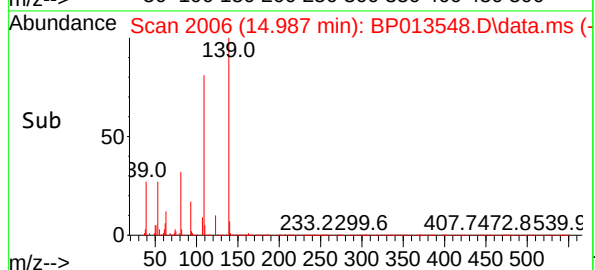
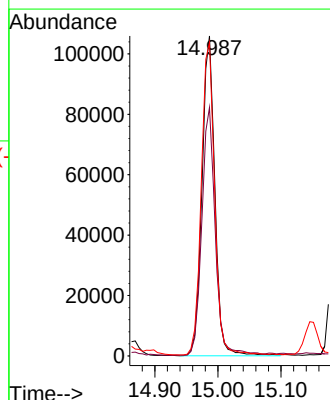
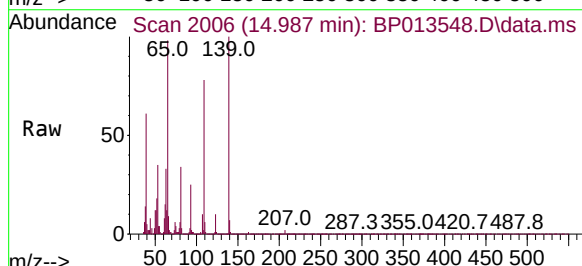
Tgt Ion:139 Resp: 149577

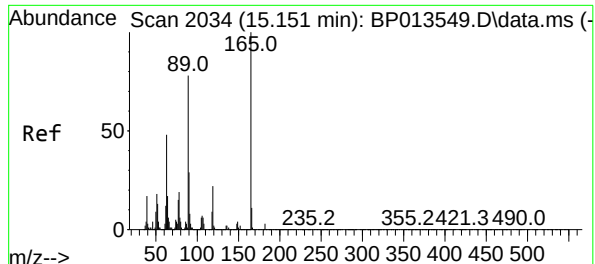
Ion Ratio Lower Upper

139 100

109 77.6 55.0 95.0

65 98.0 77.7 117.7

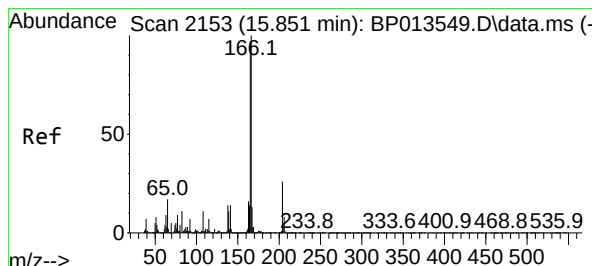
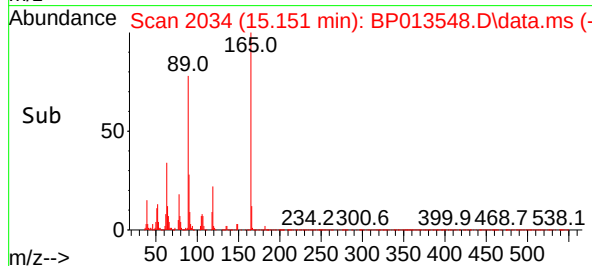
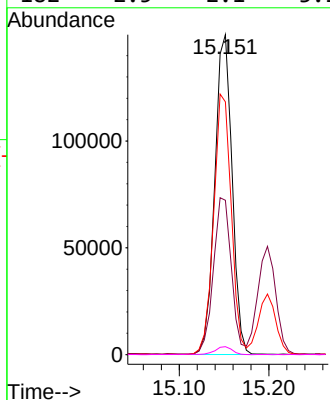
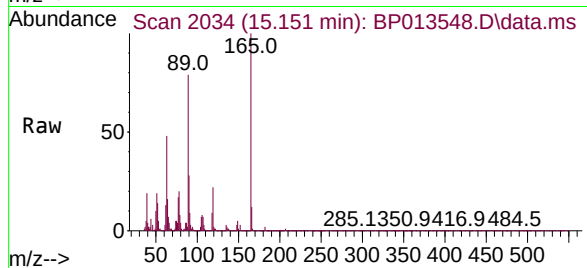




#57
2,4-Dinitrotoluene
Concen: 18.192 ng
RT: 15.151 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BP013548.D
Acq: 23 Jan 2023 13:08

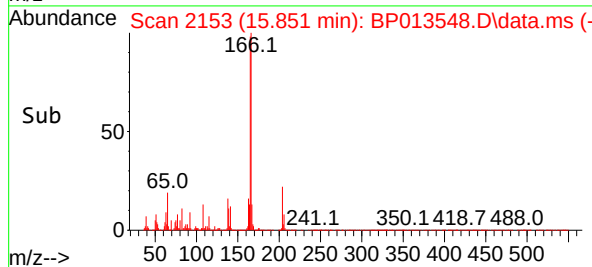
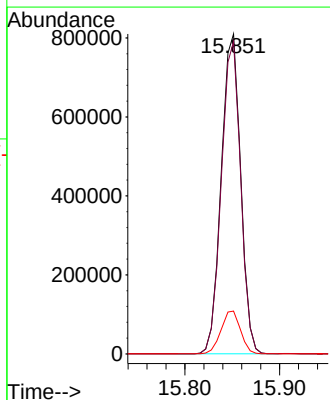
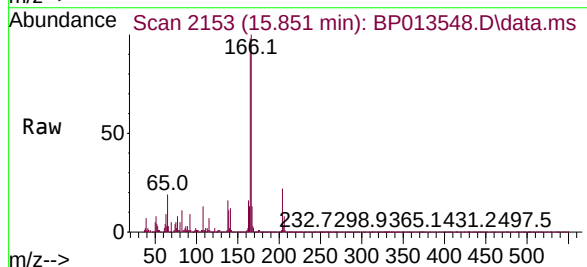
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

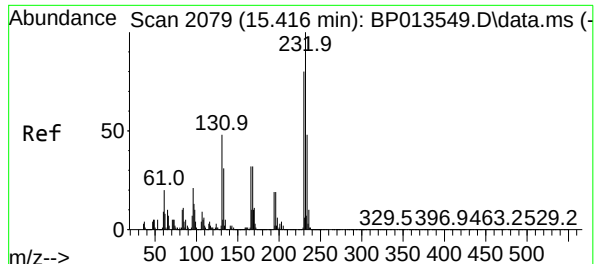
Tgt Ion:165 Resp: 201021
Ion Ratio Lower Upper
165 100
63 48.2 38.3 57.5
89 79.0 62.1 93.1
182 2.5 2.1 3.1



#58
Fluorene
Concen: 20.294 ng
RT: 15.851 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BP013548.D
Acq: 23 Jan 2023 13:08

Tgt Ion:166 Resp: 1151233
Ion Ratio Lower Upper
166 100
165 97.6 77.8 116.8
167 13.4 10.7 16.1

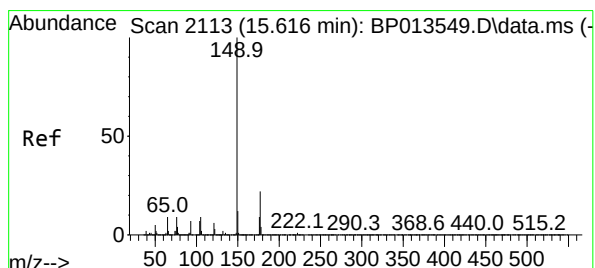
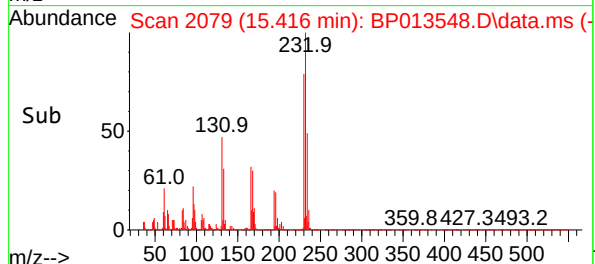
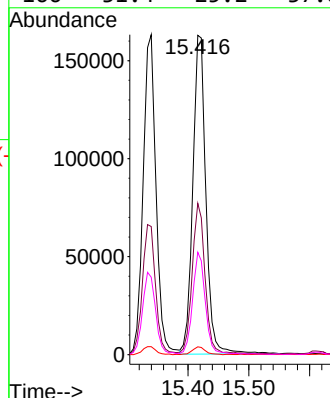
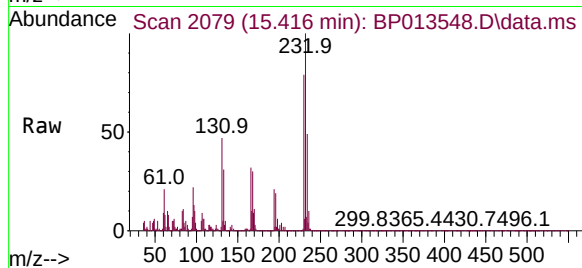




#59
2,3,4,6-Tetrachlorophenol
Concen: 19.455 ng
RT: 15.416 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BP013548.D
Acq: 23 Jan 2023 13:08

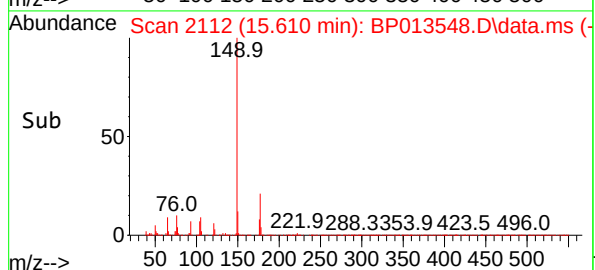
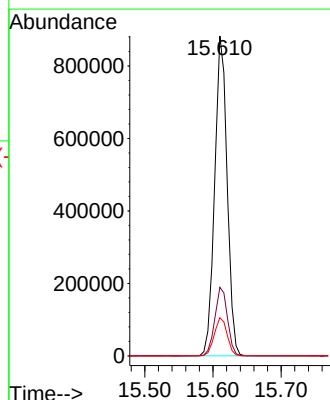
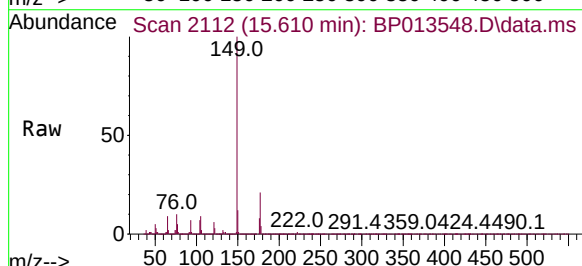
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

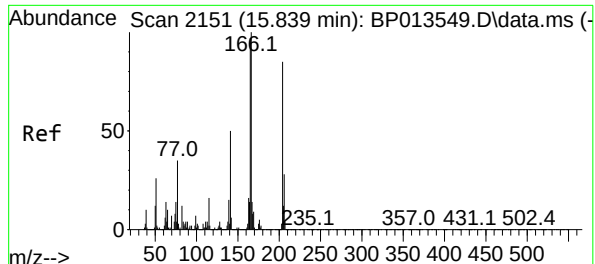
Tgt Ion:232 Resp: 243570
Ion Ratio Lower Upper
232 100
131 46.5 37.1 55.7
130 2.4 1.9 2.9
166 31.4 25.2 37.8



#60
Diethylphthalate
Concen: 20.105 ng
RT: 15.610 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP013548.D
Acq: 23 Jan 2023 13:08

Tgt Ion:149 Resp: 1117789
Ion Ratio Lower Upper
149 100
177 21.4 17.8 26.6
150 11.9 9.8 14.6

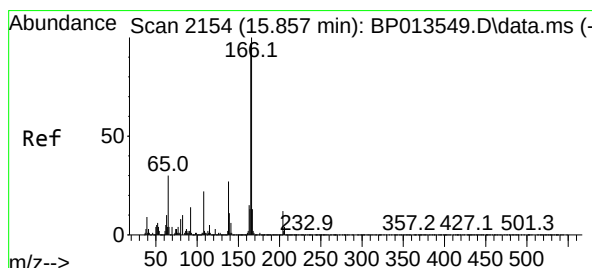
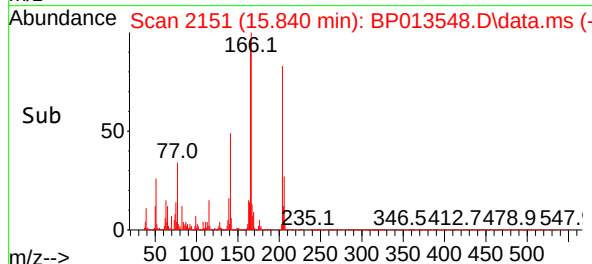
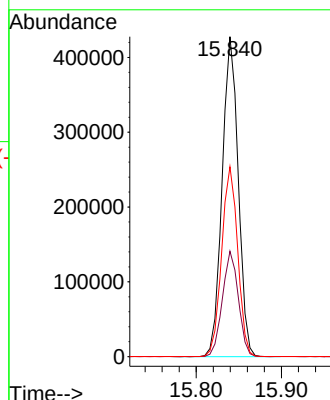
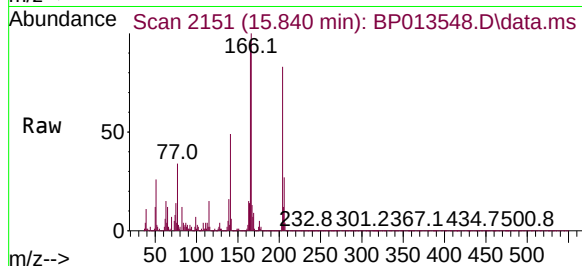




#61
4-Chlorophenyl-phenylether
Concen: 20.096 ng
RT: 15.840 min Scan# 2151
Delta R.T. 0.000 min
Lab File: BP013548.D
Acq: 23 Jan 2023 13:08

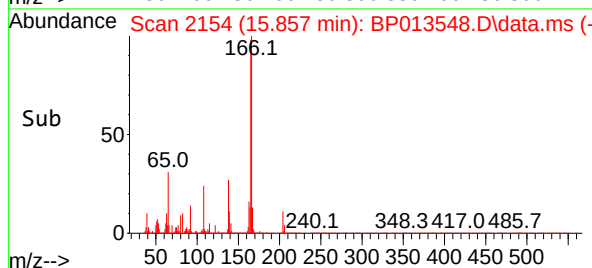
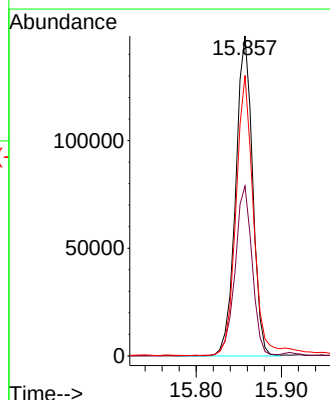
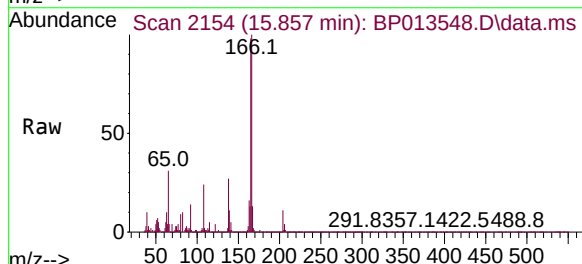
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

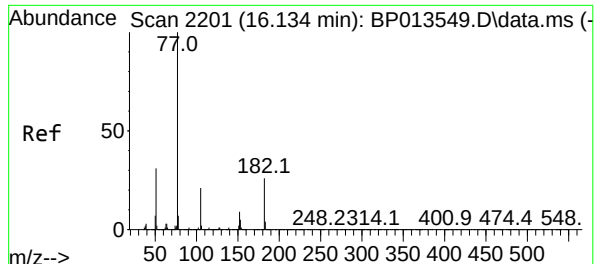
Tgt Ion:204 Resp: 560550
Ion Ratio Lower Upper
204 100
206 32.9 26.6 39.8
141 59.3 47.0 70.4



#62
4-Nitroaniline
Concen: 19.005 ng
RT: 15.857 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BP013548.D
Acq: 23 Jan 2023 13:08

Tgt Ion:138 Resp: 204332
Ion Ratio Lower Upper
138 100
92 53.1 32.3 72.3
108 87.6 59.2 99.2

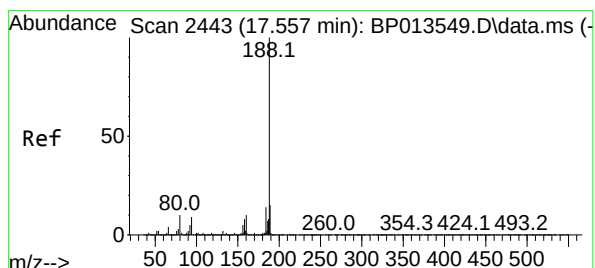
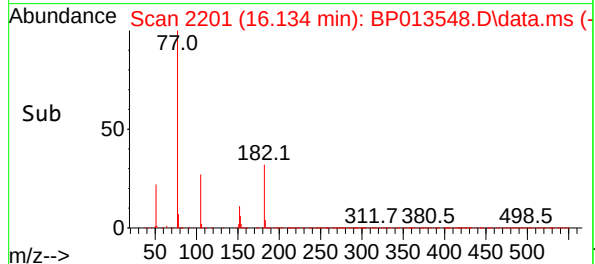
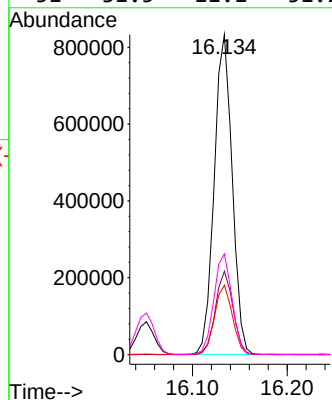
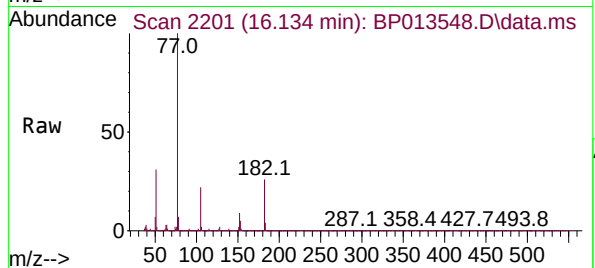




#63
Azobenzene
Concen: 20.301 ng
RT: 16.134 min Scan# 2201
Delta R.T. 0.000 min
Lab File: BP013548.D
Acq: 23 Jan 2023 13:08

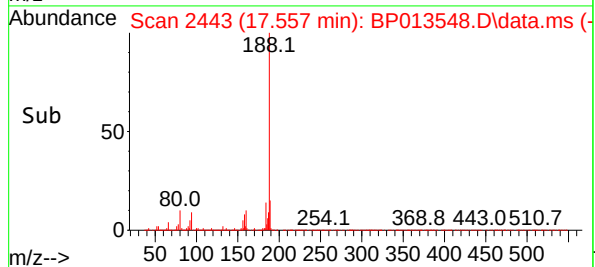
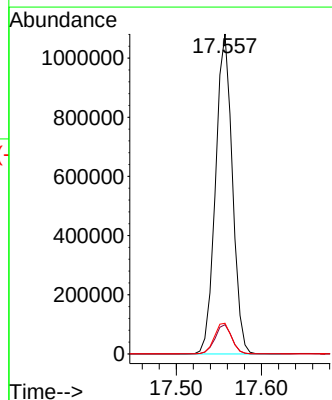
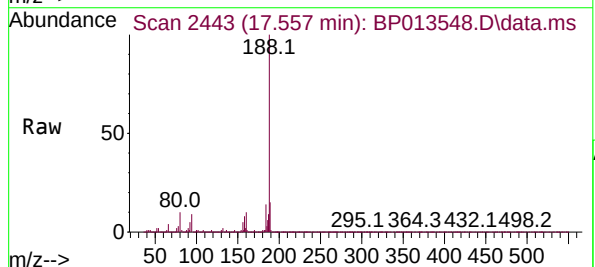
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

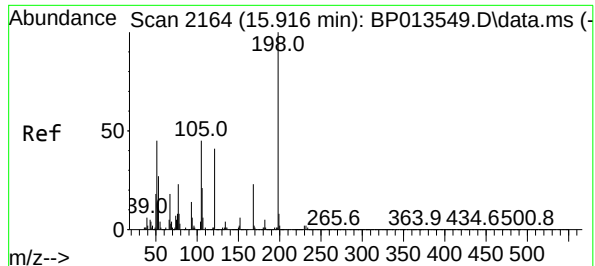
Tgt Ion: 77 Resp: 1096745
Ion Ratio Lower Upper
77 100
182 26.0 5.5 45.5
105 21.7 1.4 41.4
51 31.5 11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.557 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BP013548.D
Acq: 23 Jan 2023 13:08

Tgt Ion: 188 Resp: 1482437
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 9.6 8.2 12.2





#65

4,6-Dinitro-2-methylphenol

Concen: 13.902 ng

RT: 15.910 min Scan# 2164

Delta R.T. -0.006 min

Lab File: BP013548.D

Acq: 23 Jan 2023 13:08

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

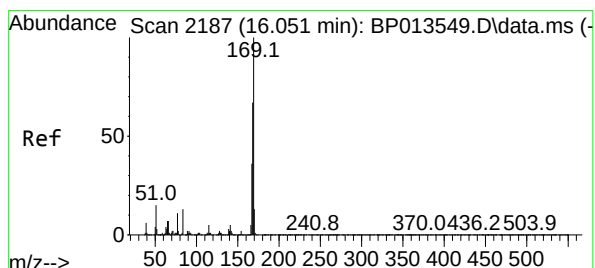
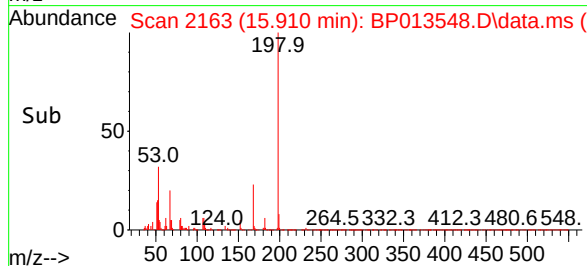
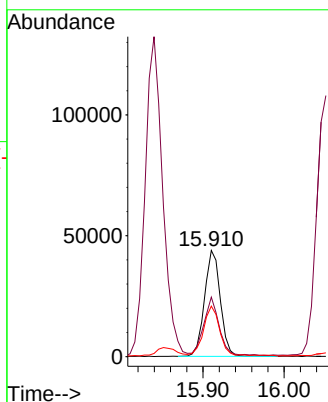
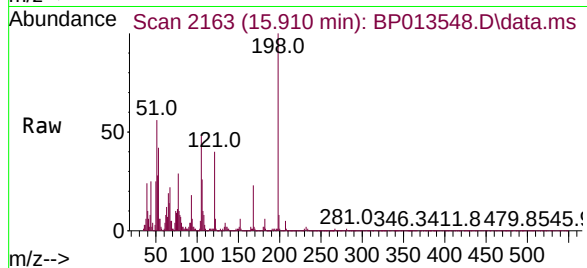
Tgt Ion:198 Resp: 59559

Ion Ratio Lower Upper

198 100

51 55.9 30.4 70.4

105 47.5 26.4 66.4



#66

n-Nitrosodiphenylamine

Concen: 20.337 ng

RT: 16.051 min Scan# 2187

Delta R.T. 0.000 min

Lab File: BP013548.D

Acq: 23 Jan 2023 13:08

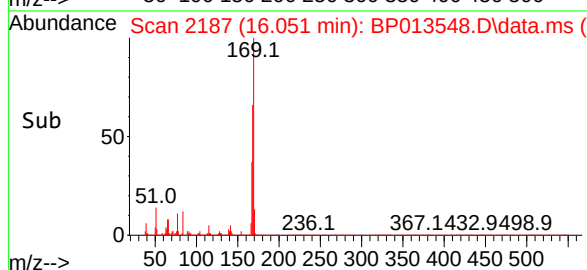
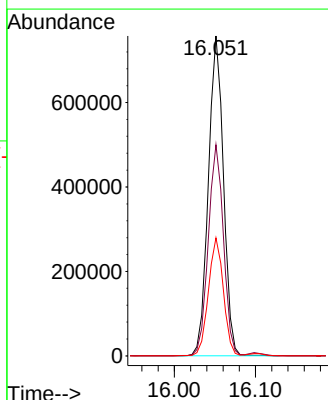
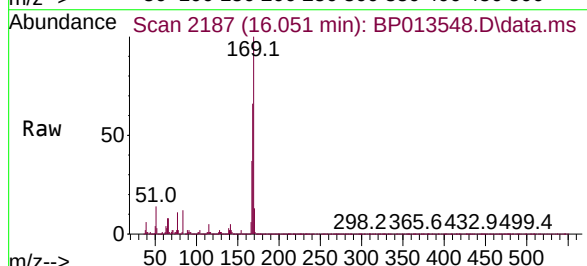
Tgt Ion:169 Resp: 983168

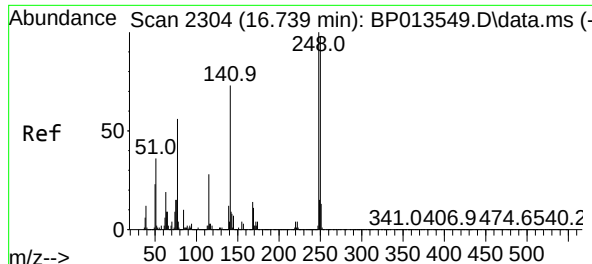
Ion Ratio Lower Upper

169 100

168 66.0 54.0 81.0

167 36.9 29.0 43.6





#67

4-Bromophenyl-phenylether

Concen: 19.823 ng

RT: 16.740 min Scan# 2304

Delta R.T. 0.000 min

Lab File: BP013548.D

Acq: 23 Jan 2023 13:08

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

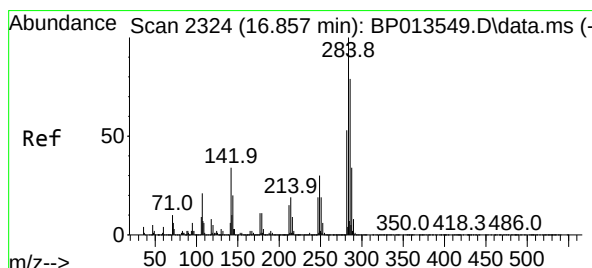
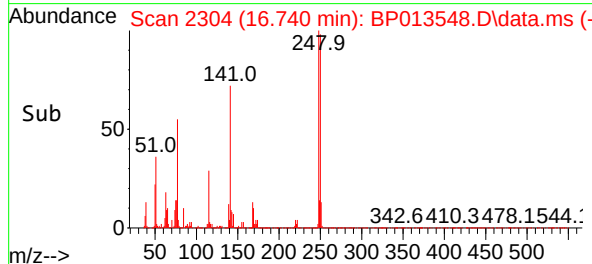
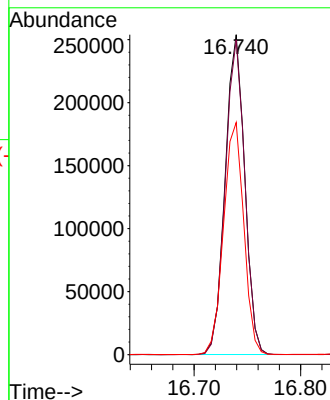
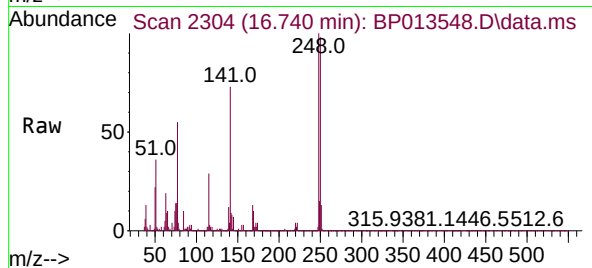
Tgt Ion:248 Resp: 325519

Ion Ratio Lower Upper

248 100

250 98.4 78.1 117.1

141 72.5 58.1 87.1



#68

Hexachlorobenzene

Concen: 19.822 ng

RT: 16.857 min Scan# 2324

Delta R.T. 0.000 min

Lab File: BP013548.D

Acq: 23 Jan 2023 13:08

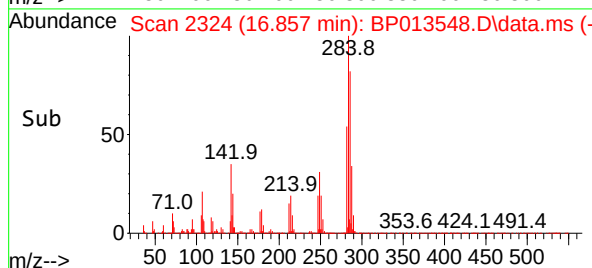
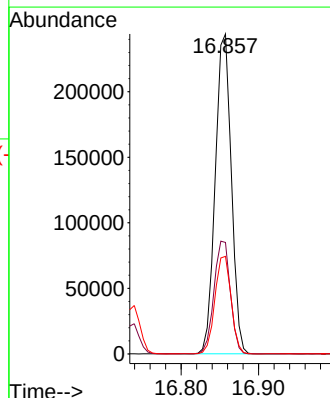
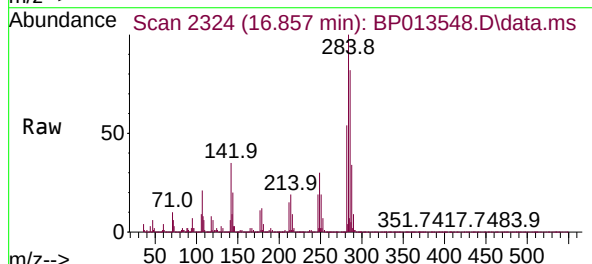
Tgt Ion:284 Resp: 351590

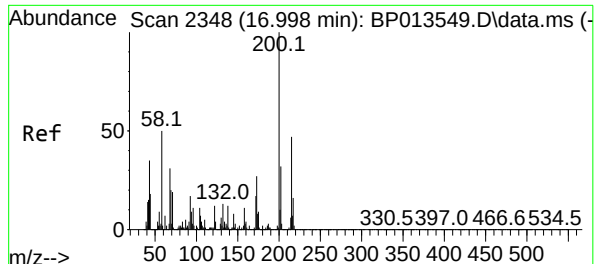
Ion Ratio Lower Upper

284 100

142 34.8 27.3 40.9

249 30.5 24.0 36.0

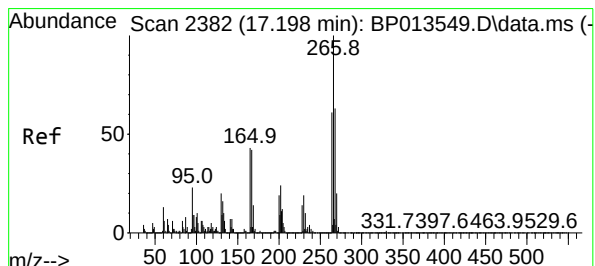
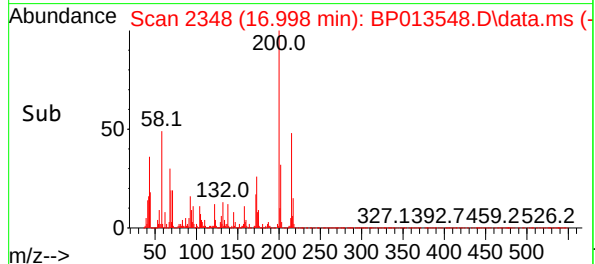
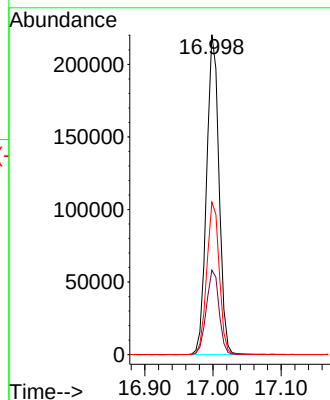
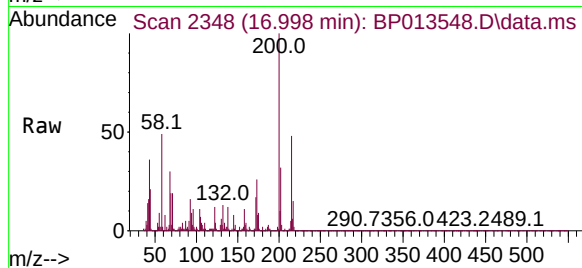




#69
Atrazine
Concen: 20.212 ng
RT: 16.998 min Scan# 2348
Delta R.T. 0.000 min
Lab File: BP013548.D
Acq: 23 Jan 2023 13:08

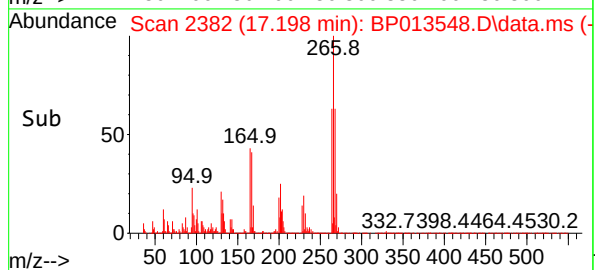
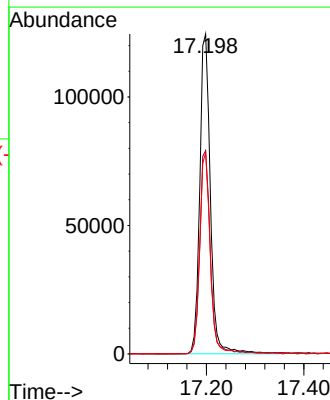
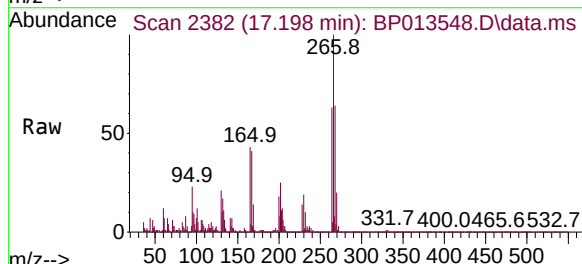
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

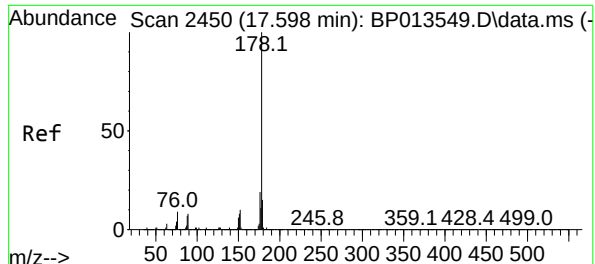
Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.4	7.2	47.2
215	47.6	27.3	67.3



#70
Pentachlorophenol
Concen: 18.247 ng
RT: 17.198 min Scan# 2382
Delta R.T. 0.000 min
Lab File: BP013548.D
Acq: 23 Jan 2023 13:08

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	50.7	76.1
264	63.0	48.9	73.3

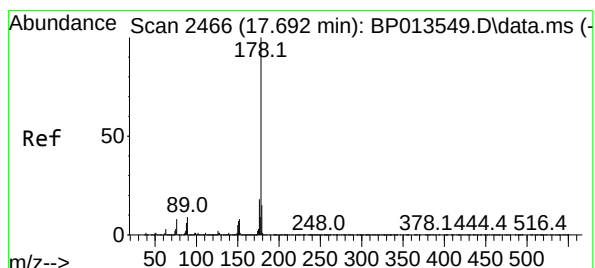
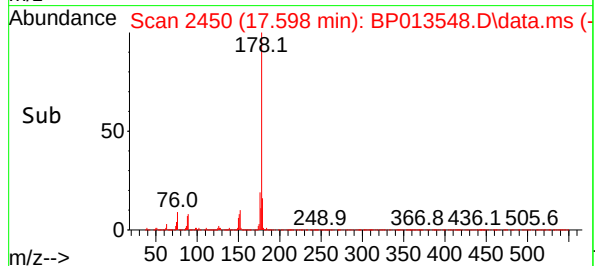
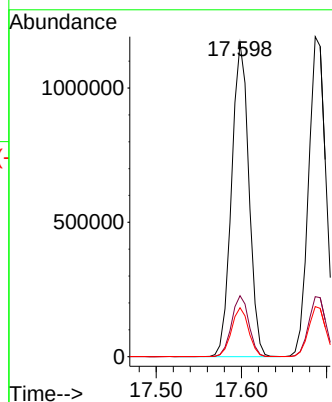
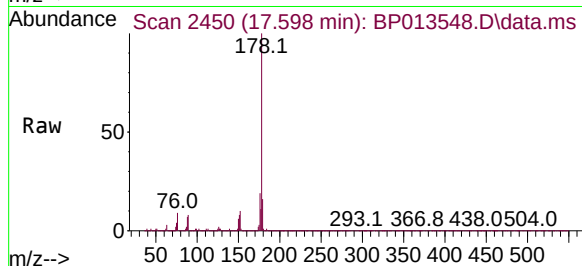




#71
Phenanthrene
Concen: 19.961 ng
RT: 17.598 min Scan# 2450
Delta R.T. 0.000 min
Lab File: BP013548.D
Acq: 23 Jan 2023 13:08

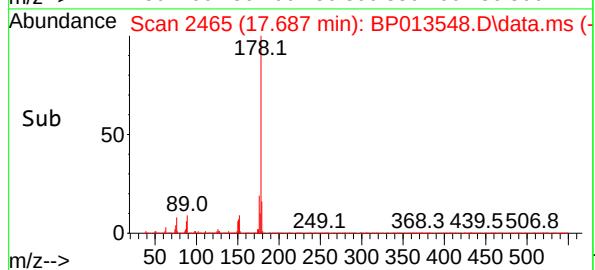
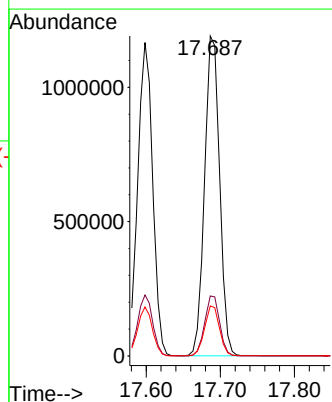
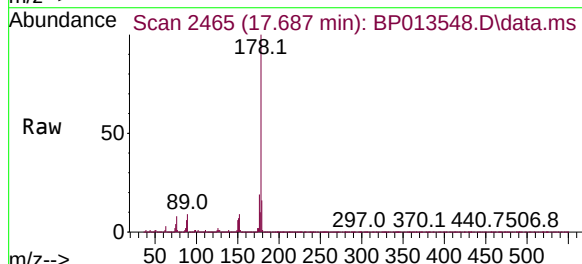
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

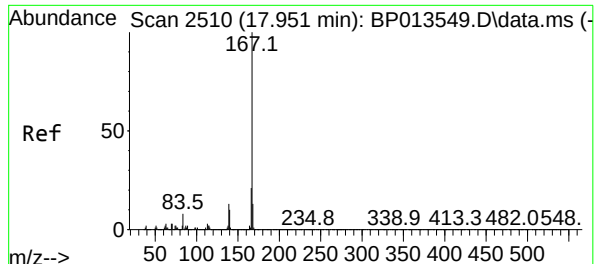
Tgt Ion:178 Resp: 1646406
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.6 12.2 18.4



#72
Anthracene
Concen: 20.038 ng
RT: 17.687 min Scan# 2465
Delta R.T. -0.006 min
Lab File: BP013548.D
Acq: 23 Jan 2023 13:08

Tgt Ion:178 Resp: 1677461
Ion Ratio Lower Upper
178 100
176 18.8 14.6 22.0
179 15.6 12.3 18.5



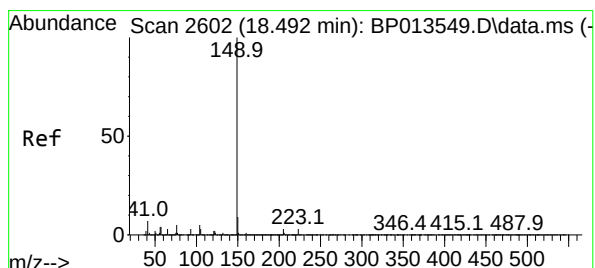
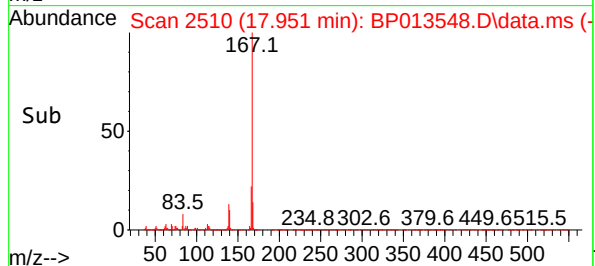
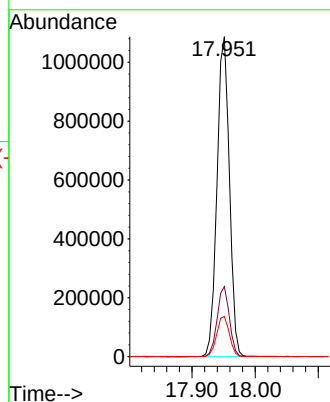
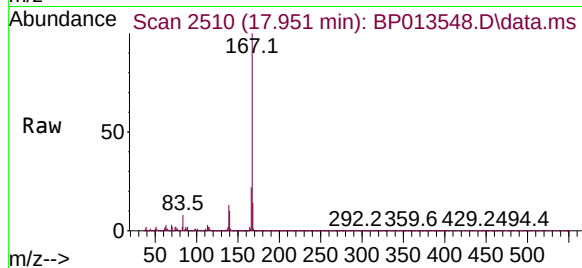


#73
 Carbazole
 Concen: 19.716 ng
 RT: 17.951 min Scan# 2510
 Delta R.T. 0.000 min
 Lab File: BP013548.D
 Acq: 23 Jan 2023 13:08

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

Tgt Ion:167 Resp: 1483276

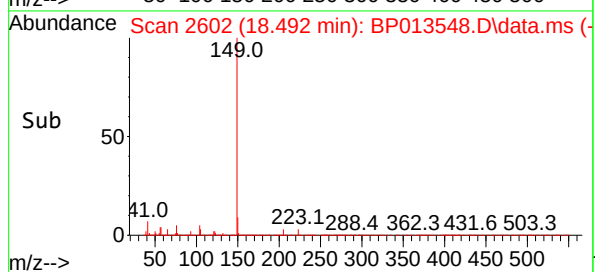
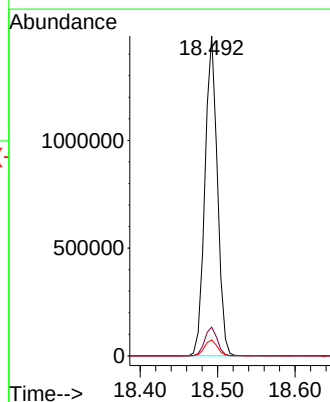
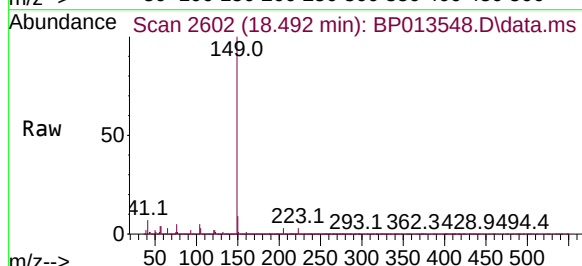
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.2	25.8
139	12.5	10.3	15.5

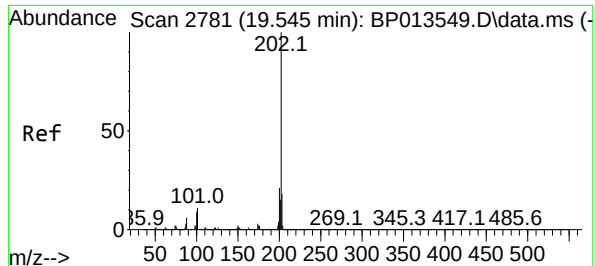


#74
 Di-n-butylphthalate
 Concen: 19.751 ng
 RT: 18.492 min Scan# 2602
 Delta R.T. 0.000 min
 Lab File: BP013548.D
 Acq: 23 Jan 2023 13:08

Tgt Ion:149 Resp: 1653769

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	5.0	3.9	5.9

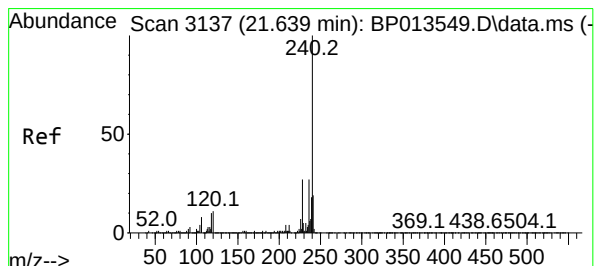
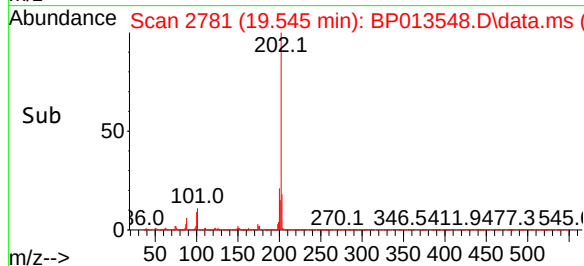
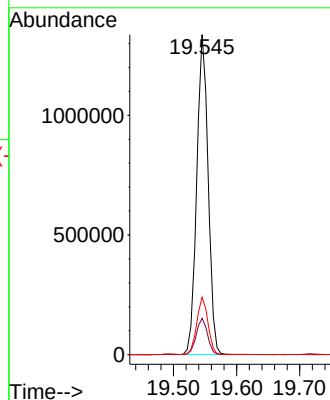
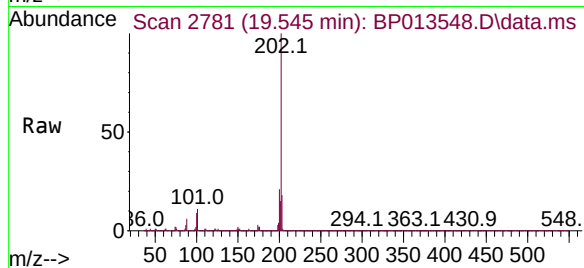




#75
Fluoranthene
Concen: 19.164 ng
RT: 19.545 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP013548.D
Acq: 23 Jan 2023 13:08

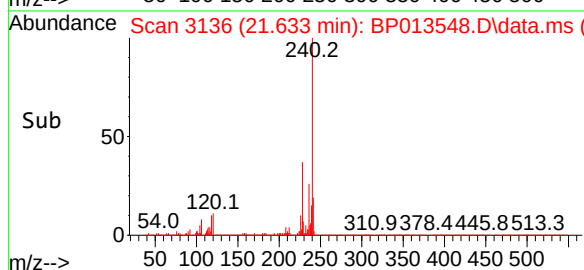
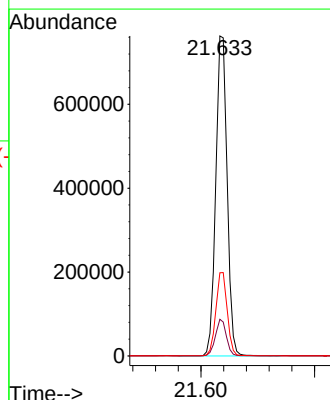
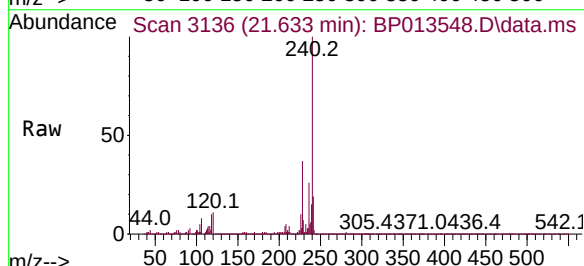
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

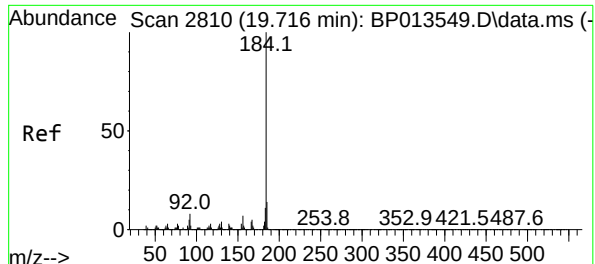
Tgt Ion:202 Resp: 1680928
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.4
203 17.9 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.633 min Scan# 3136
Delta R.T. -0.006 min
Lab File: BP013548.D
Acq: 23 Jan 2023 13:08

Tgt Ion:240 Resp: 1062938
Ion Ratio Lower Upper
240 100
120 11.5 8.6 13.0
236 26.0 21.3 31.9





#77

Benzidine

Concen: 19.978 ng

RT: 19.716 min Scan# 2810

Delta R.T. 0.000 min

Lab File: BP013548.D

Acq: 23 Jan 2023 13:08

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

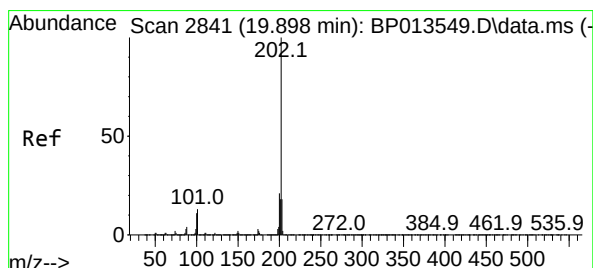
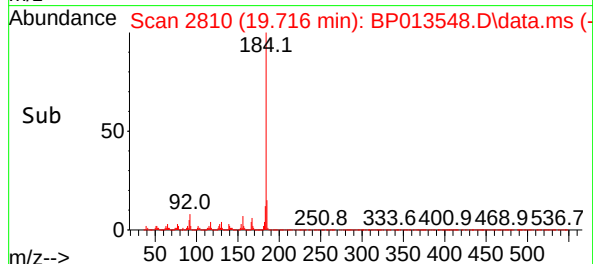
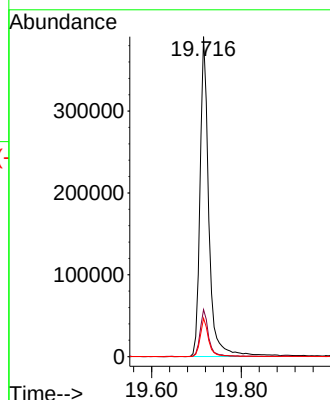
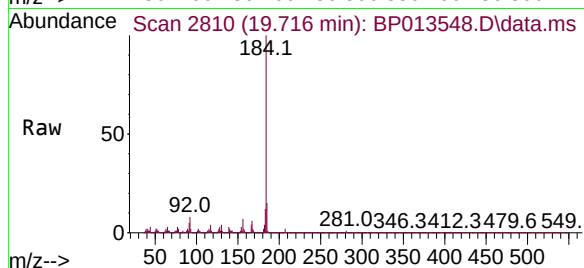
Tgt Ion:184 Resp: 534092

Ion Ratio Lower Upper

184 100

185 14.7 11.5 17.3

183 12.0 9.0 13.6



#78

Pyrene

Concen: 21.390 ng

RT: 19.898 min Scan# 2841

Delta R.T. 0.000 min

Lab File: BP013548.D

Acq: 23 Jan 2023 13:08

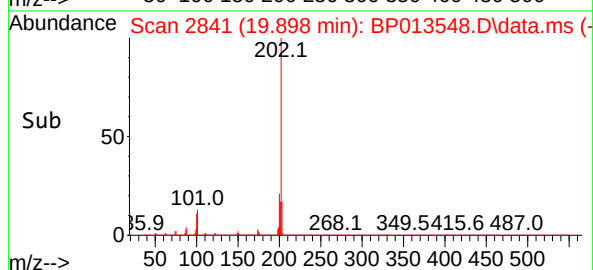
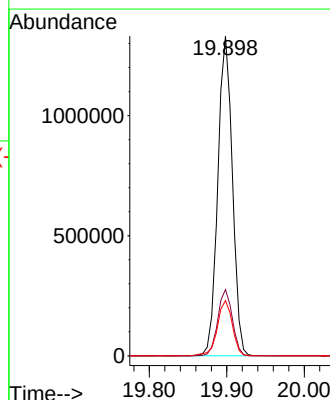
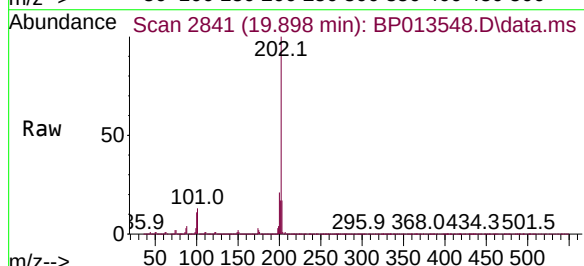
Tgt Ion:202 Resp: 1738516

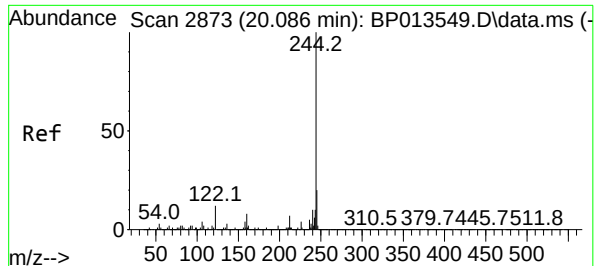
Ion Ratio Lower Upper

202 100

200 20.7 17.0 25.6

203 17.3 14.2 21.2





#79

Terphenyl-d14

Concen: 43.317 ng

RT: 20.086 min Scan# 2873

Delta R.T. 0.000 min

Lab File: BP013548.D

Acq: 23 Jan 2023 13:08

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

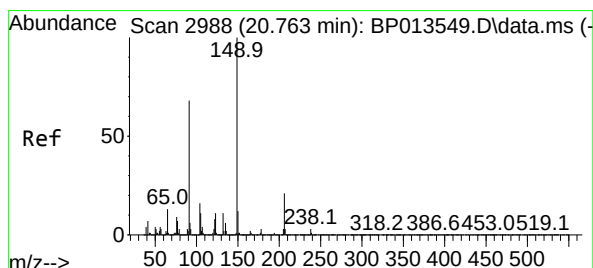
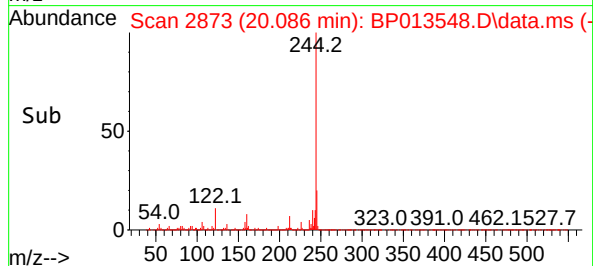
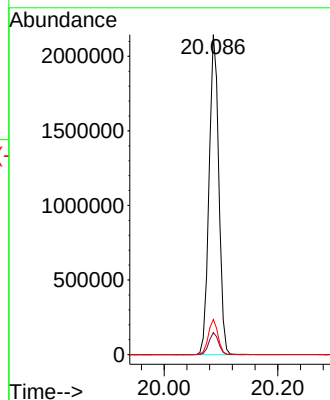
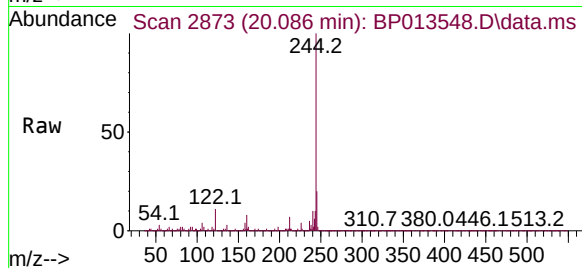
Tgt Ion:244 Resp: 2559411

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 11.0 9.2 13.8



#80

Butylbenzylphthalate

Concen: 19.310 ng

RT: 20.763 min Scan# 2988

Delta R.T. 0.000 min

Lab File: BP013548.D

Acq: 23 Jan 2023 13:08

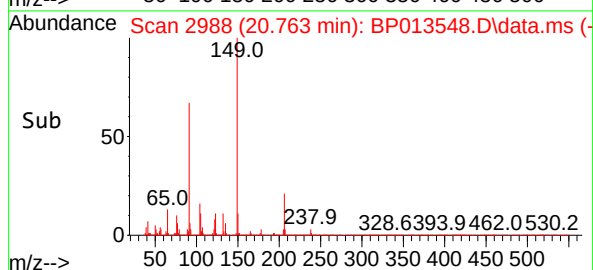
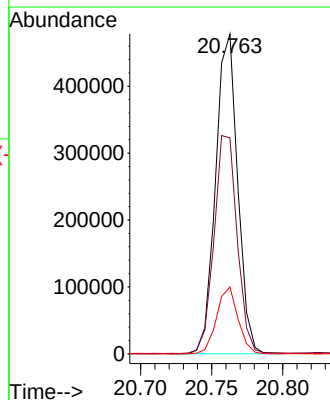
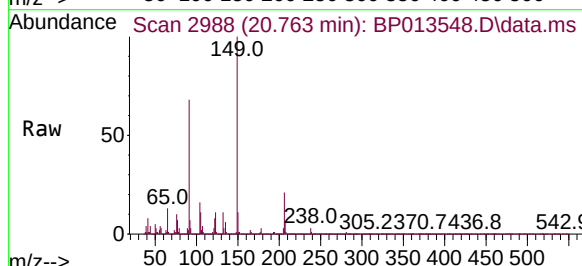
Tgt Ion:149 Resp: 517872

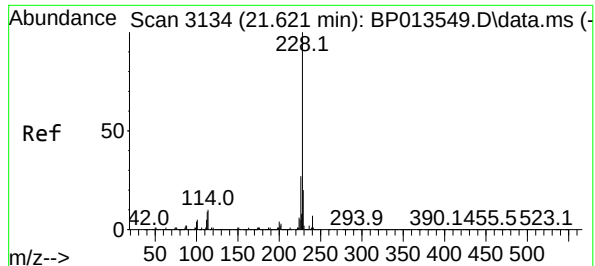
Ion Ratio Lower Upper

149 100

91 67.5 54.6 81.8

206 20.9 16.7 25.1

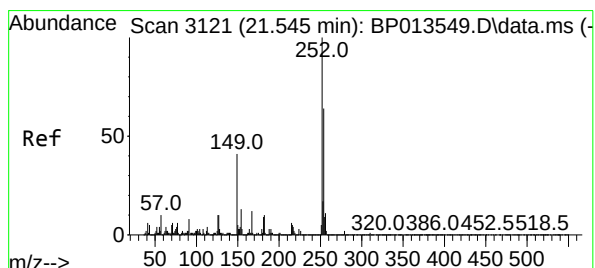
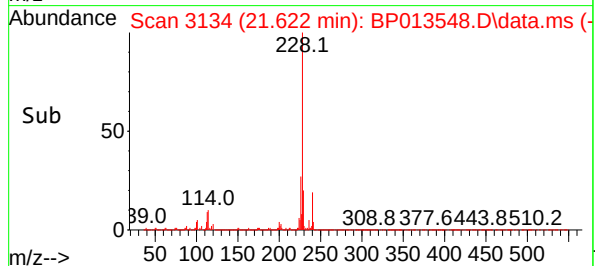
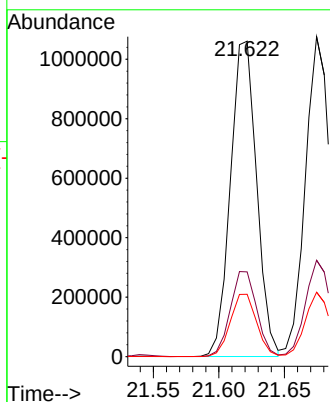
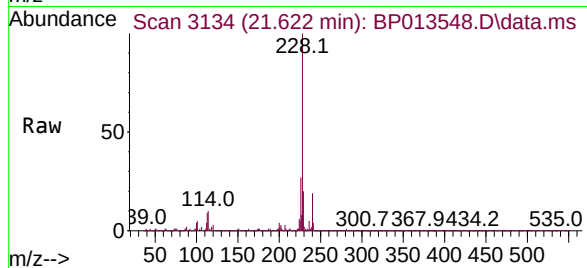




#81
Benzo(a)anthracene
Concen: 19.929 ng
RT: 21.622 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP013548.D
Acq: 23 Jan 2023 13:08

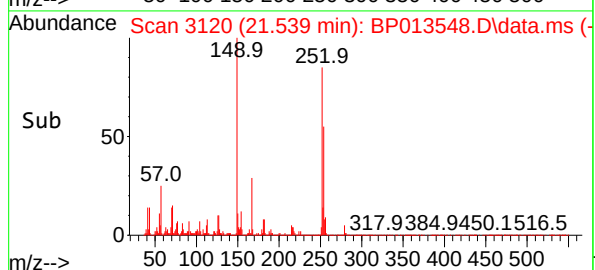
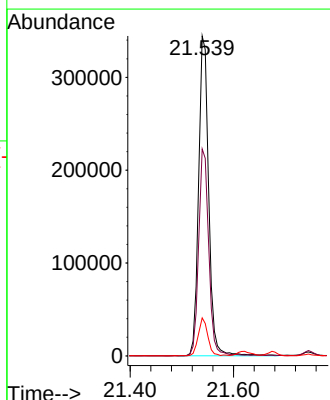
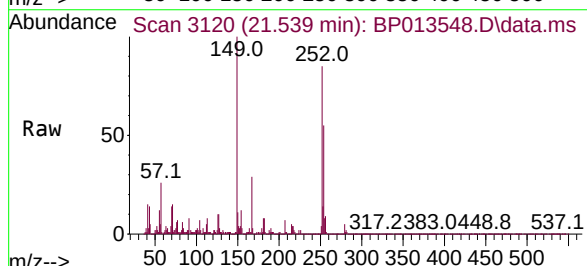
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

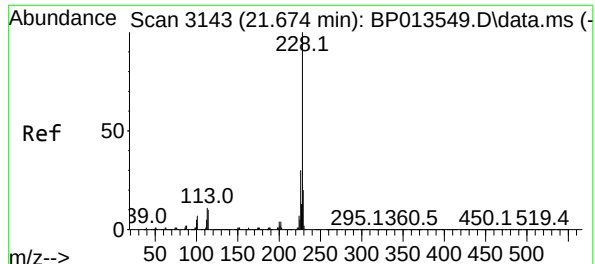
Tgt Ion:228 Resp: 1475726
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.8
229 19.8 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 19.536 ng
RT: 21.539 min Scan# 3120
Delta R.T. -0.006 min
Lab File: BP013548.D
Acq: 23 Jan 2023 13:08

Tgt Ion:252 Resp: 466122
Ion Ratio Lower Upper
252 100
254 64.7 51.4 77.0
126 11.9 8.3 12.5





#83

Chrysene

Concen: 20.150 ng

RT: 21.675 min Scan# 3143

Delta R.T. 0.000 min

Lab File: BP013548.D

Acq: 23 Jan 2023 13:08

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

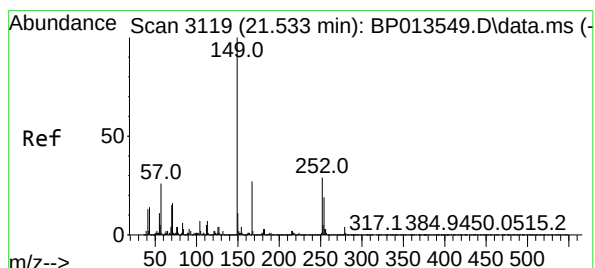
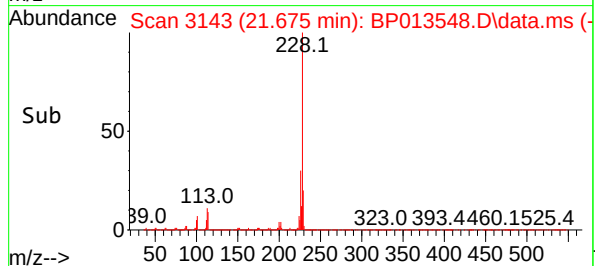
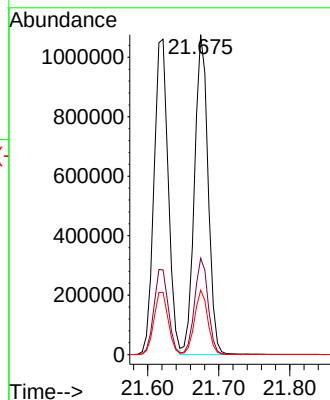
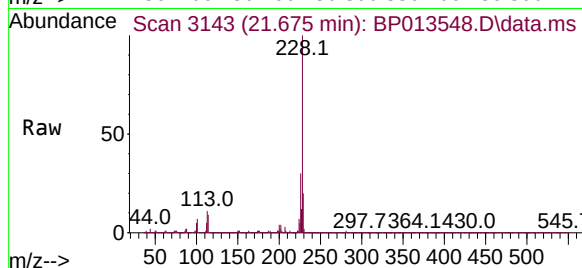
Tgt Ion:228 Resp: 1427169

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

229 20.1 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 19.279 ng

RT: 21.533 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BP013548.D

Acq: 23 Jan 2023 13:08

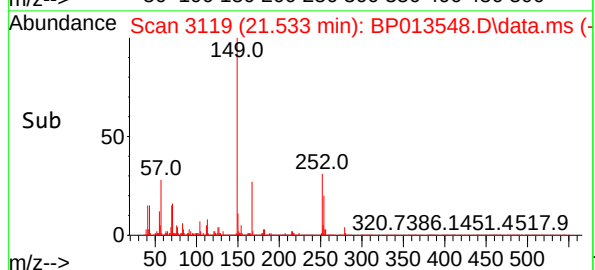
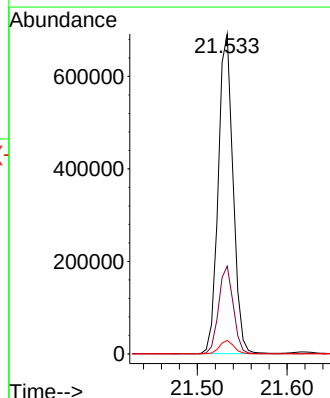
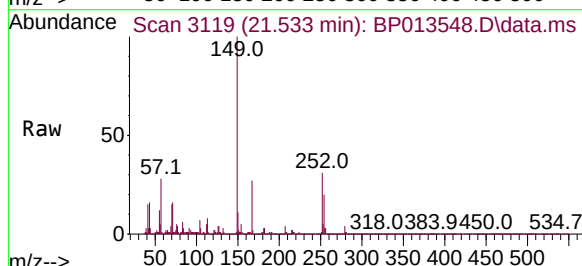
Tgt Ion:149 Resp: 798437

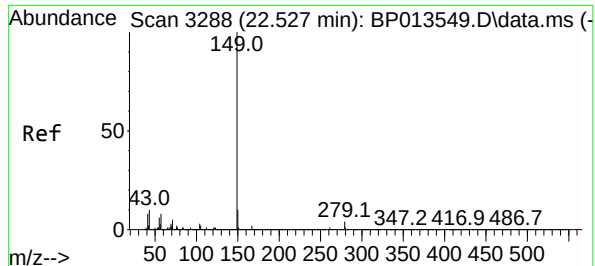
Ion Ratio Lower Upper

149 100

167 27.4 22.0 33.0

279 4.2 3.5 5.3

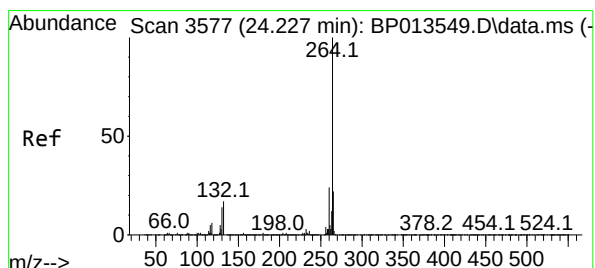
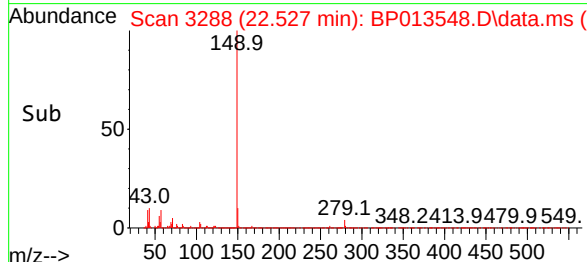
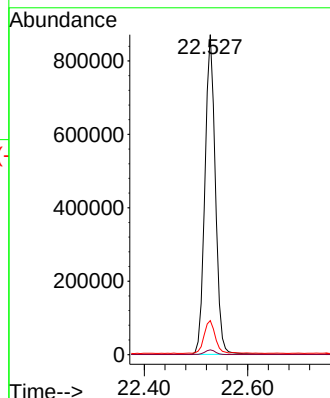
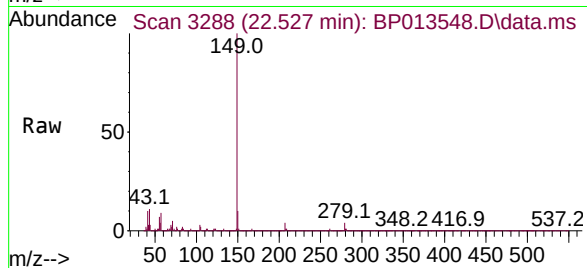




#85
Di-n-octyl phthalate
Concen: 18.216 ng
RT: 22.527 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP013548.D
Acq: 23 Jan 2023 13:08

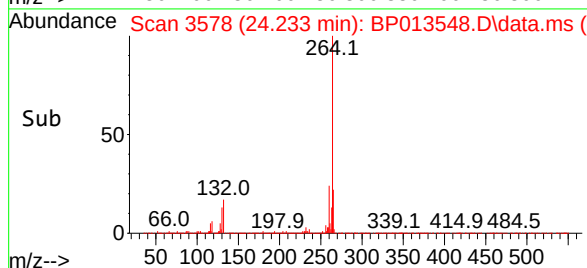
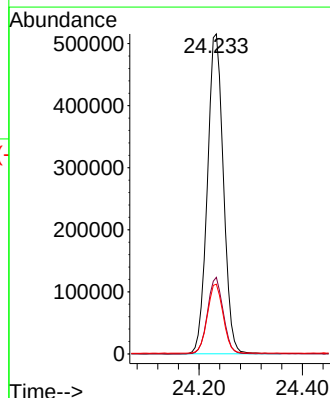
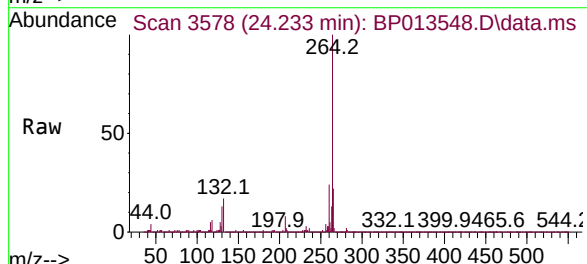
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

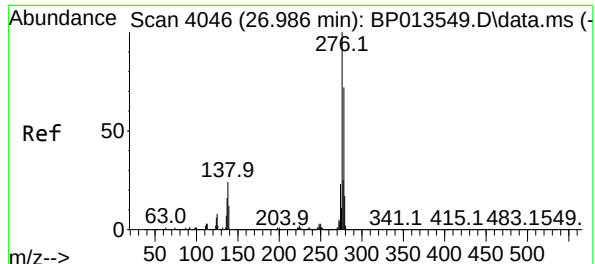
Tgt Ion:149 Resp: 1216262
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.0 8.2 12.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.233 min Scan# 3578
Delta R.T. 0.006 min
Lab File: BP013548.D
Acq: 23 Jan 2023 13:08

Tgt Ion:264 Resp: 1109780
Ion Ratio Lower Upper
264 100
260 23.9 18.8 28.2
265 21.8 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 20.109 ng

RT: 26.974 min Scan# 4046

Delta R.T. -0.012 min

Lab File: BP013548.D

Acq: 23 Jan 2023 13:08

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

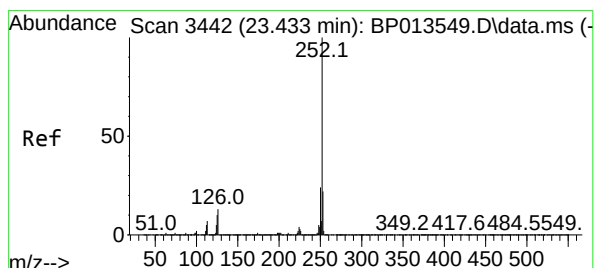
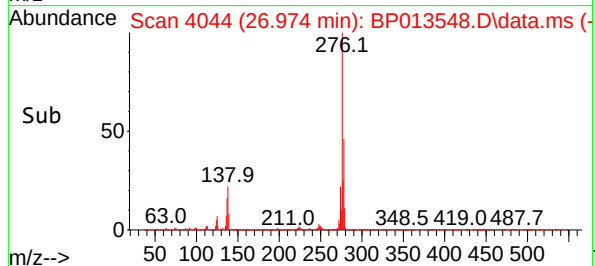
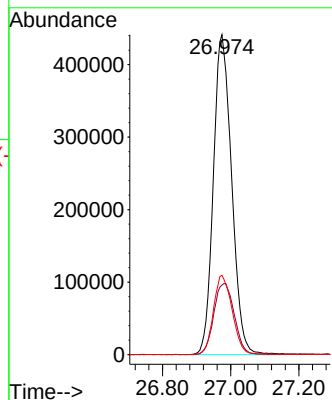
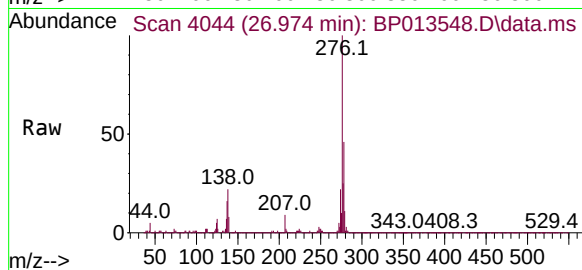
Tgt Ion:276 Resp: 1643812

Ion Ratio Lower Upper

276 100

138 24.7 19.8 29.6

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 19.495 ng

RT: 23.433 min Scan# 3442

Delta R.T. 0.000 min

Lab File: BP013548.D

Acq: 23 Jan 2023 13:08

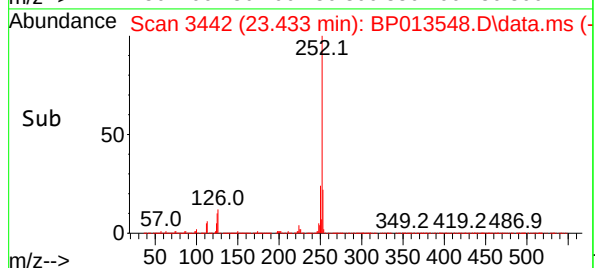
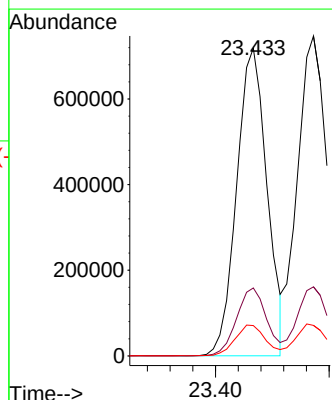
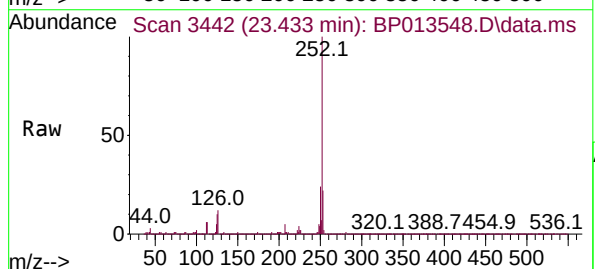
Tgt Ion:252 Resp: 1330945

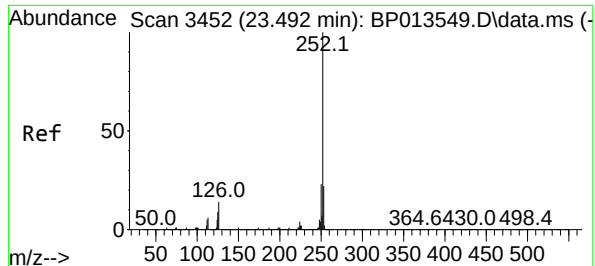
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.9 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 19.921 ng

RT: 23.486 min Scan# 34

Delta R.T. -0.006 min

Lab File: BP013548.D

Acq: 23 Jan 2023 13:08

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

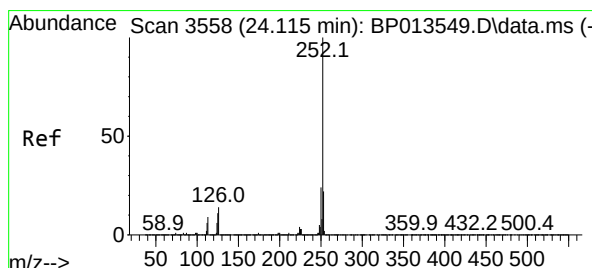
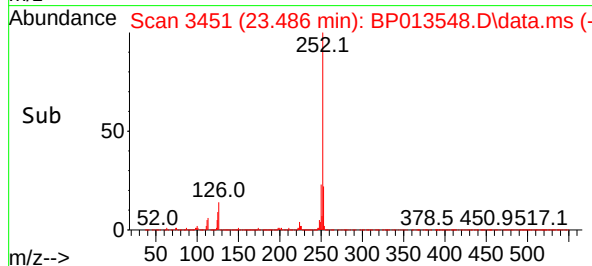
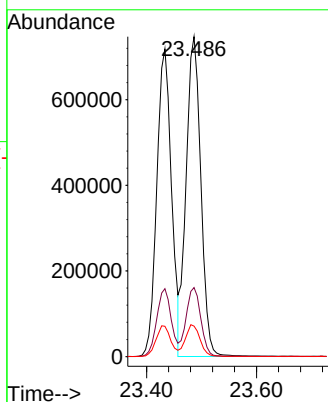
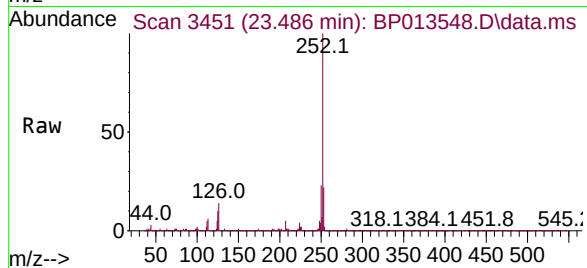
Tgt Ion:252 Resp: 1387146

Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 9.5 7.5 11.3



#90

Benzo(a)pyrene

Concen: 19.728 ng

RT: 24.116 min Scan# 3558

Delta R.T. 0.000 min

Lab File: BP013548.D

Acq: 23 Jan 2023 13:08

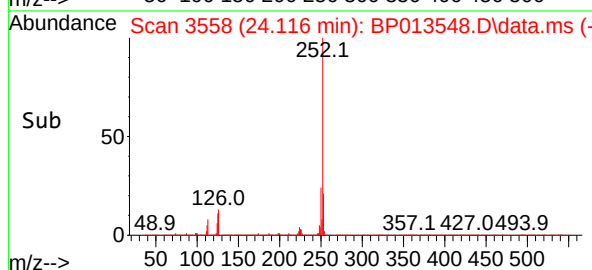
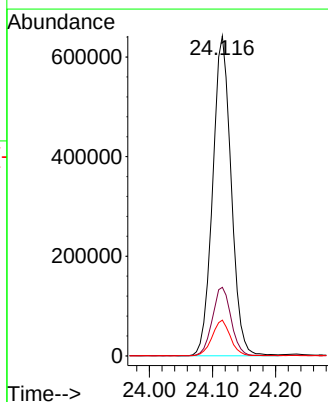
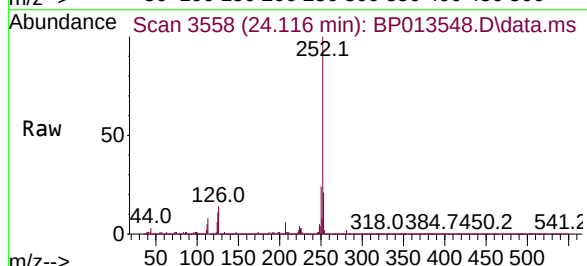
Tgt Ion:252 Resp: 1306496

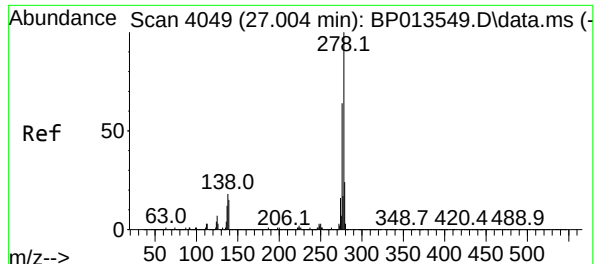
Ion Ratio Lower Upper

252 100

253 21.4 17.7 26.5

125 11.2 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 20.067 ng

RT: 27.004 min Scan# 4049

Delta R.T. 0.000 min

Lab File: BP013548.D

Acq: 23 Jan 2023 13:08

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

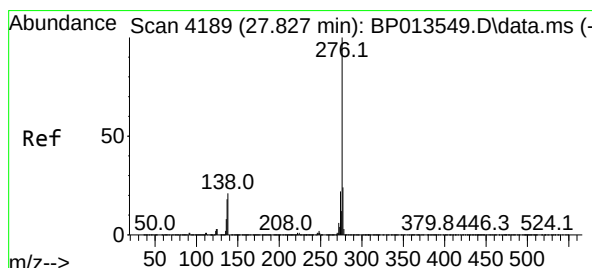
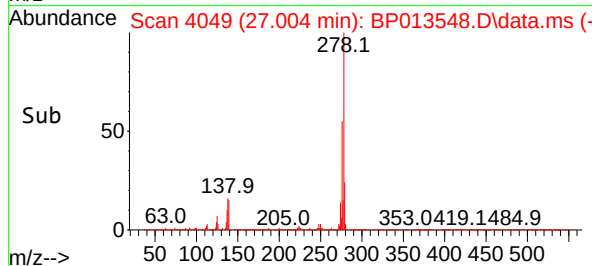
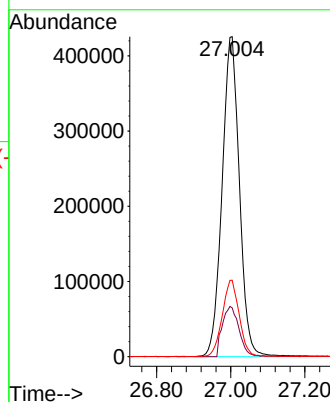
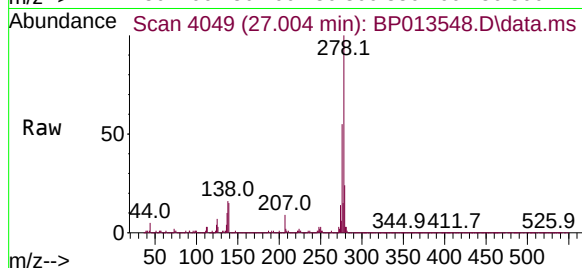
Tgt Ion:278 Resp: 1375881

Ion Ratio Lower Upper

278 100

139 15.2 12.3 18.5

279 23.9 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 16.547 ng

RT: 27.815 min Scan# 4187

Delta R.T. -0.012 min

Lab File: BP013548.D

Acq: 23 Jan 2023 13:08

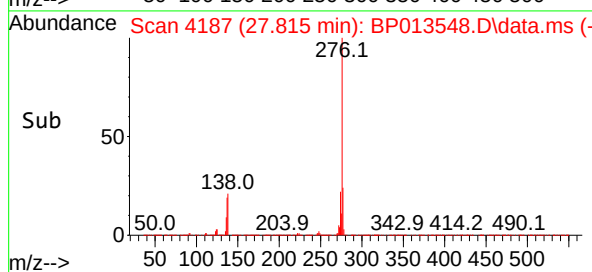
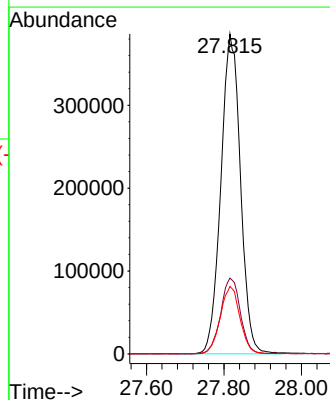
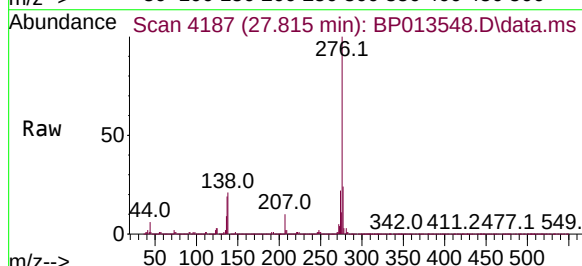
Tgt Ion:276 Resp: 1352598

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.6

138 21.1 16.6 25.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
 Data File : BP013549.D
 Acq On : 23 Jan 2023 13:42
 Operator : CG/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICCC040

Quant Time: Jan 24 03:04:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 03:01:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.163	152	266953	20.000	ng	0.00
21) Naphthalene-d8	10.999	136	1040534	20.000	ng	0.00
39) Acenaphthene-d10	14.804	164	576242	20.000	ng	0.00
64) Phenanthrene-d10	17.557	188	1099756	20.000	ng	0.00
76) Chrysene-d12	21.639	240	969658	20.000	ng	0.00
86) Perylene-d12	24.227	264	1100448	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1314005	84.335	ng	0.00
7) Phenol-d6	7.305	99	1736100	82.791	ng	0.00
23) Nitrobenzene-d5	9.340	82	1374858	87.228	ng	0.00
42) 2,4,6-Tribromophenol	16.292	330	491867	81.871	ng	0.00
45) 2-Fluorobiphenyl	13.428	172	3530648	84.103	ng	0.00
79) Terphenyl-d14	20.086	244	4311910	79.999	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.534	88	264139	42.053	ng	100
3) Pyridine	3.940	79	789787	42.484	ng	100
4) n-Nitrosodimethylamine	3.852	42	353275	41.904	ng	100
6) Aniline	7.481	93	1157358	41.085	ng	100
8) 2-Chlorophenol	7.722	128	712455	41.439	ng	100
9) Benzaldehyde	7.293	77	489132	43.033	ng	100
10) Phenol	7.334	94	896033	41.243	ng	100
11) bis(2-Chloroethyl)ether	7.575	93	725875	40.861	ng	100
12) 1,3-Dichlorobenzene	8.052	146	789544	41.527	ng	100
13) 1,4-Dichlorobenzene	8.199	146	798737	41.431	ng	100
14) 1,2-Dichlorobenzene	8.522	146	769058	41.198	ng	100
15) Benzyl Alcohol	8.399	79	608092	40.588	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.693	45	980585	40.258	ng	100
17) 2-Methylphenol	8.599	107	644739	40.862	ng	100
18) Hexachloroethane	9.263	117	270270	41.942	ng	100
19) n-Nitroso-di-n-propyla...	8.975	70	546198	40.440	ng	100
20) 3+4-Methylphenols	8.928	107	844588	40.668	ng	100
22) Acetophenone	8.993	105	1106543	41.453	ng	100
24) Nitrobenzene	9.381	77	730602	43.111	ng	100
25) Isophorone	9.910	82	1494081	39.964	ng	100
26) 2-Nitrophenol	10.099	139	220148	41.660	ng	100
27) 2,4-Dimethylphenol	10.151	122	668830	40.584	ng	100
28) bis(2-Chloroethoxy)met...	10.393	93	914245	40.580	ng	100
29) 2,4-Dichlorophenol	10.634	162	620231	41.781	ng	100
30) 1,2,4-Trichlorobenzene	10.857	180	698648	41.240	ng	100
31) Naphthalene	11.051	128	2306056	41.224	ng	100
32) Benzoic acid	10.257	122	271843	37.740	ng	100
33) 4-Chloroaniline	11.151	127	1003416	40.538	ng	100
34) Hexachlorobutadiene	11.334	225	411619	41.752	ng	100
35) Caprolactam	11.916	113	188887	39.392	ng	100
36) 4-Chloro-3-methylphenol	12.251	107	653008	40.392	ng	100
37) 2-Methylnaphthalene	12.640	142	1606734	40.408	ng	100
38) 1-Methylnaphthalene	12.857	142	1492546	39.947	ng	100
40) 1,2,4,5-Tetrachloroben...	13.004	216	751266	42.347	ng	100
41) Hexachlorocyclopentadiene	12.987	237	347517	41.612	ng	100
43) 2,4,6-Trichlorophenol	13.234	196	438753	42.256	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
 Data File : BP013549.D
 Acq On : 23 Jan 2023 13:42
 Operator : CG/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICCC040

Quant Time: Jan 24 03:04:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 03:01:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.304	196	522474	42.583	ng	100
46) 1,1'-Biphenyl	13.640	154	1932828	41.765	ng	100
47) 2-Chloronaphthalene	13.687	162	1444139	41.653	ng	100
48) 2-Nitroaniline	13.875	65	303548	43.758	ng	100
49) Acenaphthylene	14.528	152	2349294	41.434	ng	100
50) Dimethylphthalate	14.251	163	1727890	40.338	ng	100
51) 2,6-Dinitrotoluene	14.369	165	304657	44.049	ng	100
52) Acenaphthene	14.869	154	1441675	41.162	ng	100
53) 3-Nitroaniline	14.698	138	347445	43.815	ng	100
54) 2,4-Dinitrophenol	14.898	184	74434	35.316	ng	100
55) Dibenzofuran	15.198	168	2191547	40.806	ng	100
56) 4-Nitrophenol	14.987	139	263829	40.786	ng	100
57) 2,4-Dinitrotoluene	15.151	165	360630	43.369	ng	100
58) Fluorene	15.851	166	1739565	40.752	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.416	232	388377	41.224	ng	100
60) Diethylphthalate	15.616	149	1670982	39.941	ng	100
61) 4-Chlorophenyl-phenyle...	15.839	204	848108	40.406	ng	100
62) 4-Nitroaniline	15.857	138	358025	44.253	ng	100
63) Azobenzene	16.134	77	1636697	40.260	ng	100
65) 4,6-Dinitro-2-methylph...	15.916	198	117049	36.827	ng	100
66) n-Nitrosodiphenylamine	16.051	169	1485470	41.419	ng	100
67) 4-Bromophenyl-phenylether	16.739	248	497757	40.860	ng	100
68) Hexachlorobenzene	16.857	284	534487	40.619	ng	100
69) Atrazine	16.998	200	437218	42.607	ng	100
70) Pentachlorophenol	17.198	266	314263	41.008	ng	100
71) Phenanthrene	17.598	178	2530902	41.362	ng	100
72) Anthracene	17.692	178	2598557	41.843	ng	100
73) Carbazole	17.951	167	2345474	42.026	ng	100
74) Di-n-butylphthalate	18.492	149	2608944	42.002	ng	100
75) Fluoranthene	19.545	202	2760809	42.428	ng	100
77) Benzidine	19.716	184	1024493	42.009	ng	100
78) Pyrene	19.898	202	2873475	38.756	ng	100
80) Butylbenzylphthalate	20.763	149	1021435	41.751	ng	100
81) Benzo(a)anthracene	21.621	228	2775984	41.094	ng	100
82) 3,3'-Dichlorobenzidine	21.545	252	934127	42.918	ng	100
83) Chrysene	21.674	228	2669312	41.314	ng	100
84) Bis(2-ethylhexyl)phtha...	21.533	149	1578132	41.772	ng	100
85) Di-n-octyl phthalate	22.527	149	2640501	43.351	ng	100
87) Indeno(1,2,3-cd)pyrene	26.986	276	3496727	43.139	ng	100
88) Benzo(b)fluoranthene	23.433	252	2791072	41.229	ng	100
89) Benzo(k)fluoranthene	23.492	252	2780108	40.264	ng	100
90) Benzo(a)pyrene	24.115	252	2728136	41.543	ng	100
91) Dibenzo(a,h)anthracene	27.004	278	2929191	43.083	ng	100
92) Benzo(g,h,i)perylene	27.827	276	2854720	35.219	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

TIC: BP013549.D\data.ms

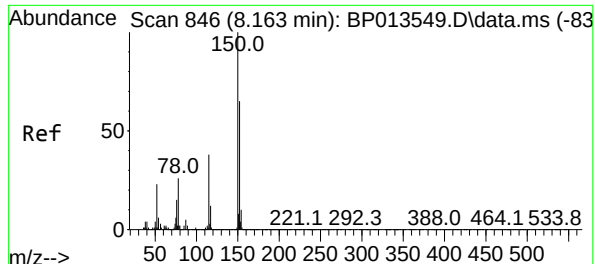
Abundance

Time-->

1.4-Dioxane
2-Nitrosodimethylamine, C

2-Fluorophenol, S

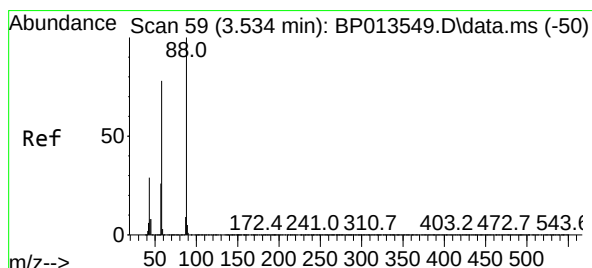
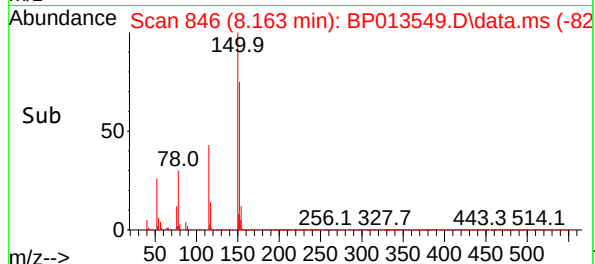
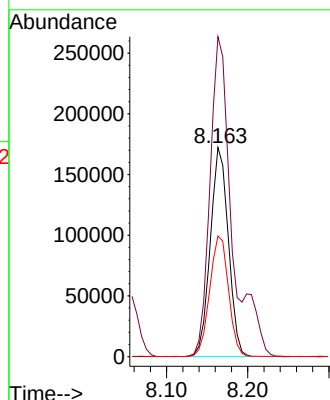
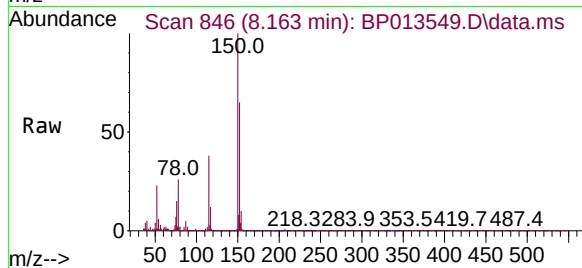
Benzaldehyde, C
bis(2-chlorophenyl) ether
2,4-Dichlorobenzene, C
2,4,6-Trichlorobenzene
2,2'-oxybis(1-chlorophenyl), P
Nitrobenzene
Nitrobenzene-d5, S
Isophorone
2-Nitrophenol, C
bis(2-chloroethoxy)methane
2,4-Dichlorophenol, C
Naphthalene
4-Trichlorobenzene
Hexachlorobutadiene, C
Caprolactam
4-Chloro-3-methylphenol, C
2-Methylnaphthalene
2-Nitroaniline
2-Chloronaphthalene, 1'-Biphenyl
2,4,6-Trichlorobenzene
2,6-Dinitrotoluene
Dimethylphthalate
Acenaphthylene
Acenaphthene, C
Dibenzo(furan)
Dibenzophthalate
2,3,4,6-Tetrachlorophenol
Diethylphthalate
4,6-Dinitro-2-methylphenol
2,4,6-Tribromophenol, S
4,4'-Bis(2-chlorophenyl)phenylether
Azobenzene
Pentachlorophenol, C
Phenanthrene, d10,1
Carbazole
Di-n-butylphthalate
Fluoranthene, C
Pyrene
Terphenyl, d14, S
Butylbenzylphthalate
Chrysene, d12,1
3,3'-Dichlorobenzidine
Bis(2-ethylhexyl)phthalate
Di-n-octyl phthalate, C
Benzo(a)pyrene
Benzo(a)fluoranthene
Benzo(a)pyrene, C
Perylene, d12,1
Benzo(g,h,i)perylene
Dibenz(a,h)anthracene, d12,12a,3-acetylene



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.163 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: BP013549.D
 Acq: 23 Jan 2023 13:42

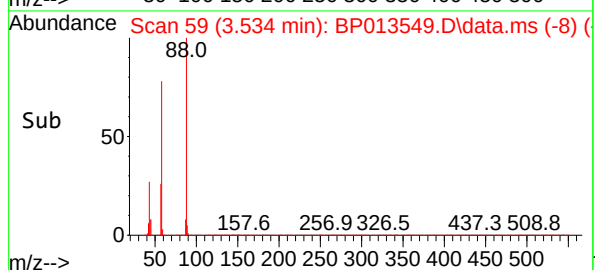
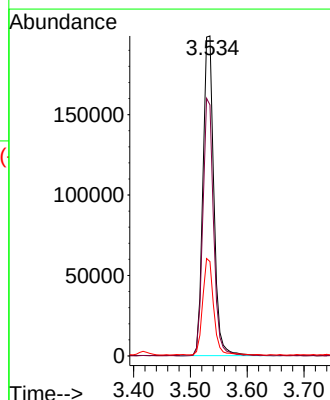
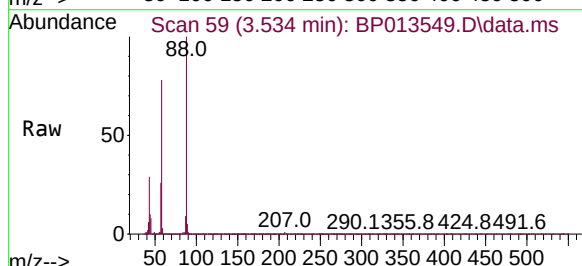
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICCC040

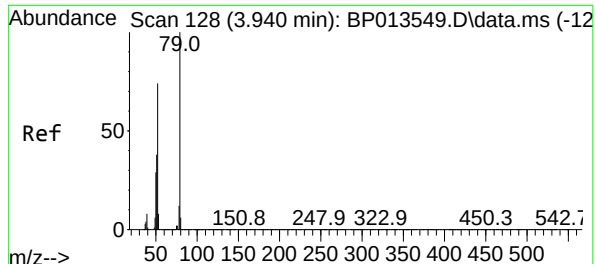
Tgt Ion:152 Resp: 266953
 Ion Ratio Lower Upper
 152 100
 150 153.0 122.4 183.6
 115 57.6 46.1 69.1



#2
 1,4-Dioxane
 Concen: 42.053 ng
 RT: 3.534 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: BP013549.D
 Acq: 23 Jan 2023 13:42

Tgt Ion: 88 Resp: 264139
 Ion Ratio Lower Upper
 88 100
 58 79.5 63.6 95.4
 43 30.2 24.2 36.2

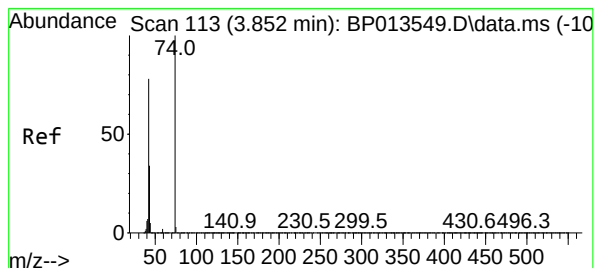
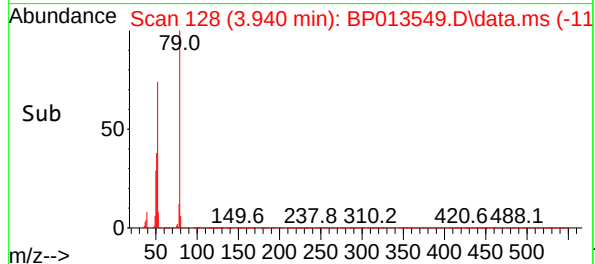
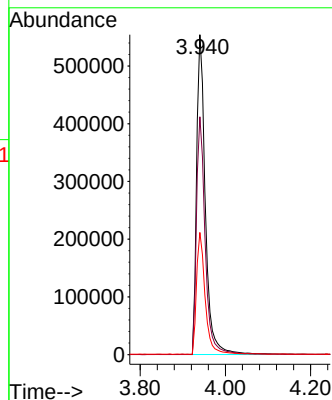
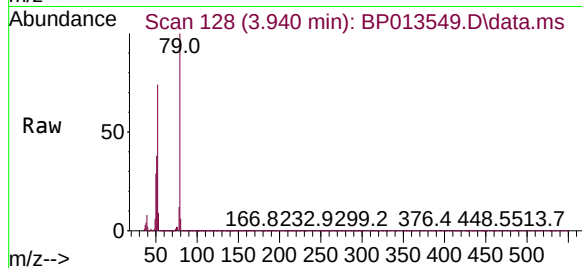




#3
Pyridine
Concen: 42.484 ng
RT: 3.940 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP013549.D
Acq: 23 Jan 2023 13:42

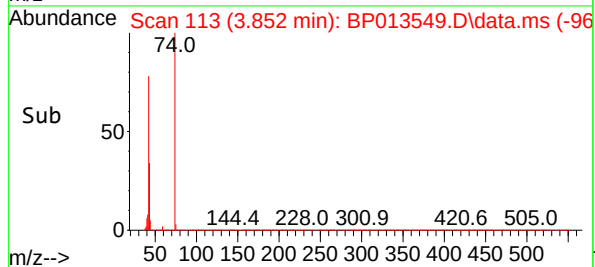
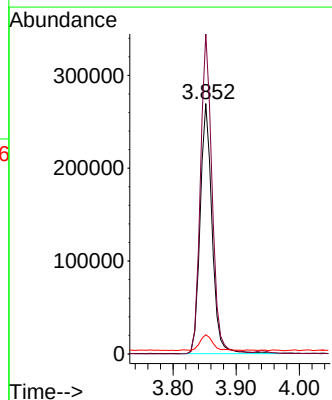
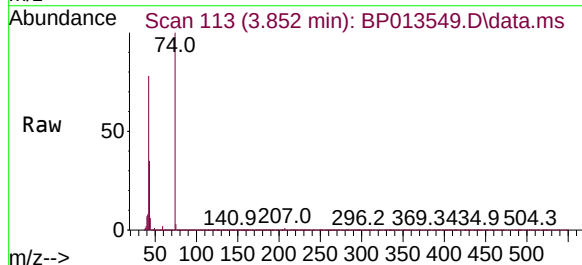
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

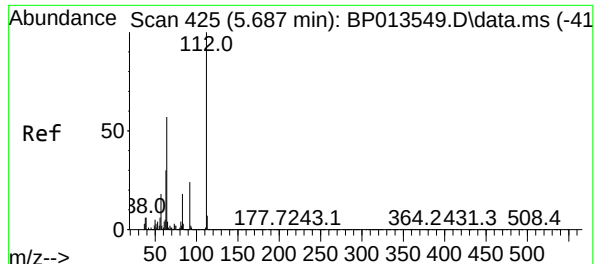
Tgt Ion: 79 Resp: 789787
Ion Ratio Lower Upper
79 100
52 74.3 59.4 89.2
51 38.2 30.6 45.8



#4
n-Nitrosodimethylamine
Concen: 41.904 ng
RT: 3.852 min Scan# 113
Delta R.T. 0.000 min
Lab File: BP013549.D
Acq: 23 Jan 2023 13:42

Tgt Ion: 42 Resp: 353275
Ion Ratio Lower Upper
42 100
74 127.9 102.3 153.5
44 7.7 6.2 9.2

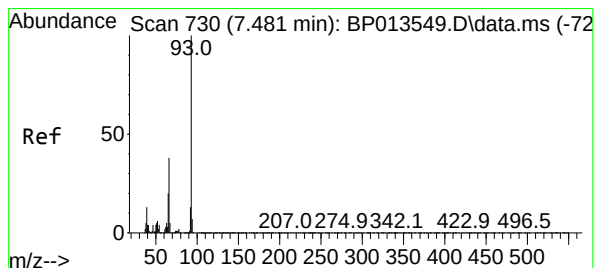
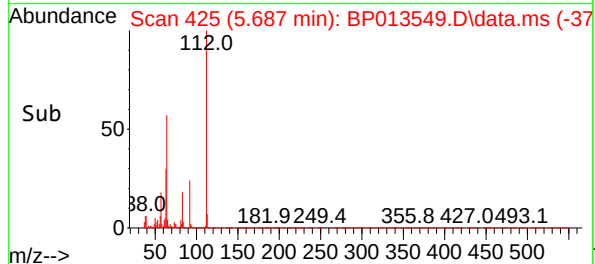
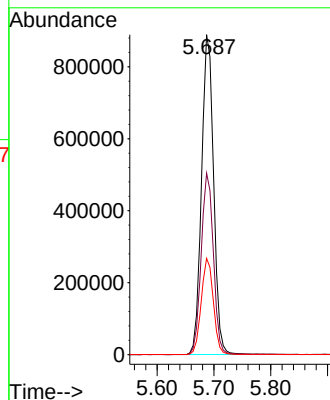
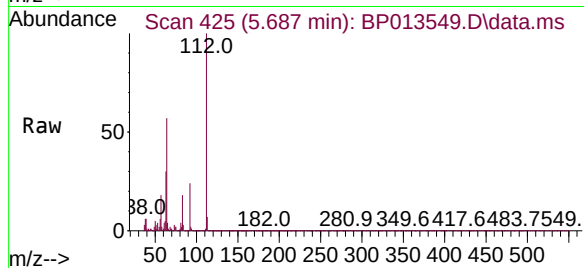




#5
2-Fluorophenol
Concen: 84.335 ng
RT: 5.687 min Scan# 425
Delta R.T. 0.000 min
Lab File: BP013549.D
Acq: 23 Jan 2023 13:42

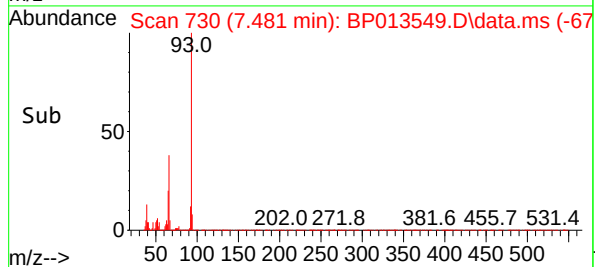
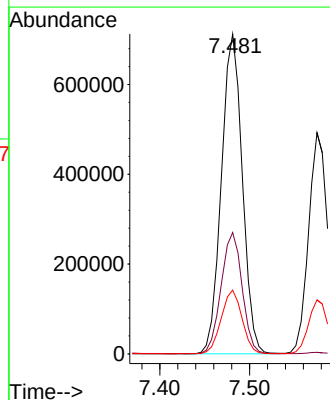
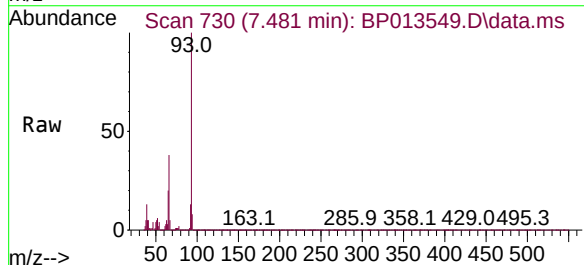
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

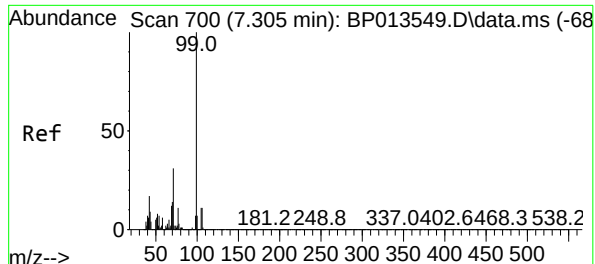
Tgt Ion:112 Resp: 1314005
Ion Ratio Lower Upper
112 100
64 56.7 45.4 68.0
63 30.1 24.1 36.1



#6
Aniline
Concen: 41.085 ng
RT: 7.481 min Scan# 730
Delta R.T. 0.000 min
Lab File: BP013549.D
Acq: 23 Jan 2023 13:42

Tgt Ion: 93 Resp: 1157358
Ion Ratio Lower Upper
93 100
66 37.9 30.3 45.5
65 19.9 15.9 23.9

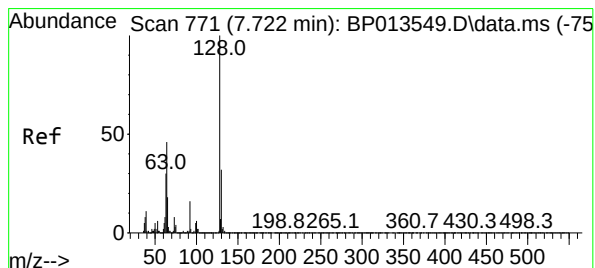
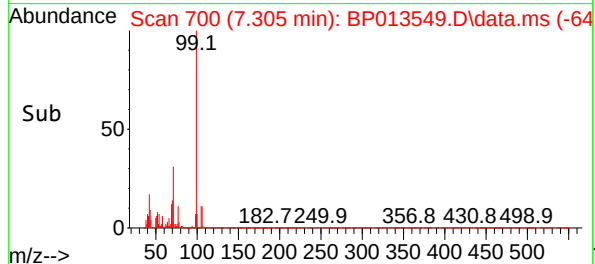
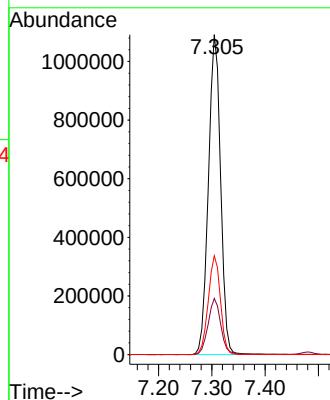
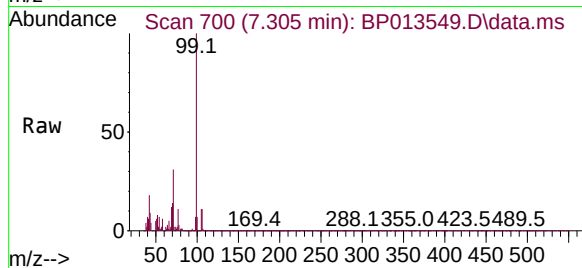




#7
Phenol-d6
Concen: 82.791 ng
RT: 7.305 min Scan# 700
Delta R.T. 0.000 min
Lab File: BP013549.D
Acq: 23 Jan 2023 13:42

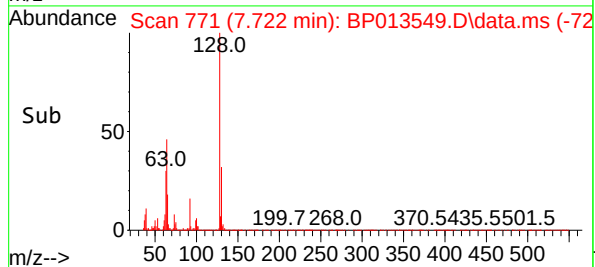
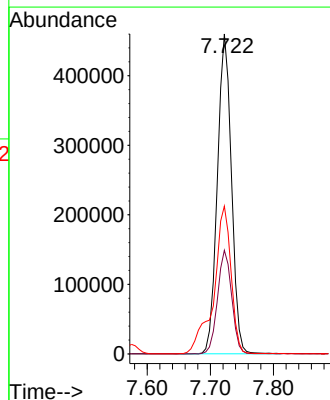
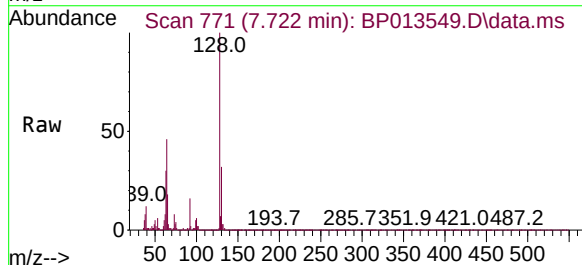
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

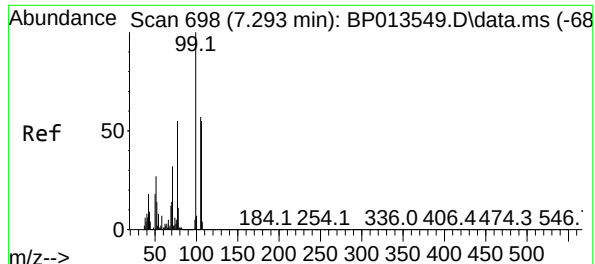
Tgt Ion: 99 Resp: 1736100
Ion Ratio Lower Upper
99 100
42 17.5 14.0 21.0
71 30.9 24.7 37.1



#8
2-Chlorophenol
Concen: 41.439 ng
RT: 7.722 min Scan# 771
Delta R.T. 0.000 min
Lab File: BP013549.D
Acq: 23 Jan 2023 13:42

Tgt Ion: 128 Resp: 712455
Ion Ratio Lower Upper
128 100
130 32.4 12.4 52.4
64 46.2 26.2 66.2

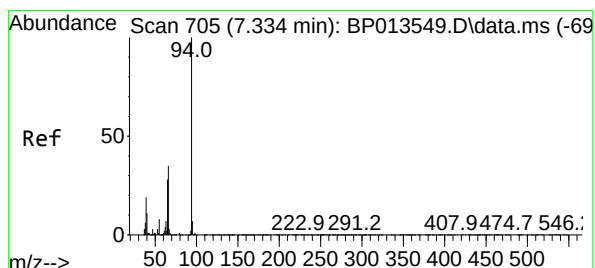
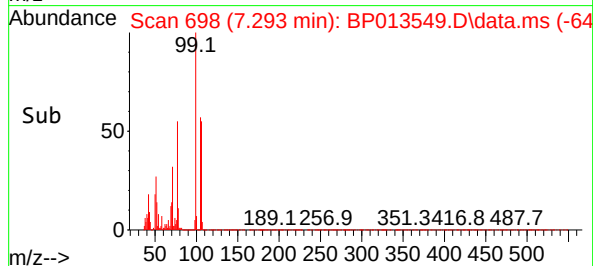
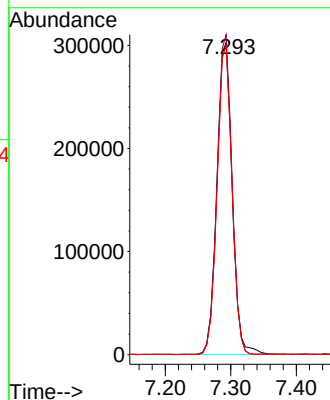
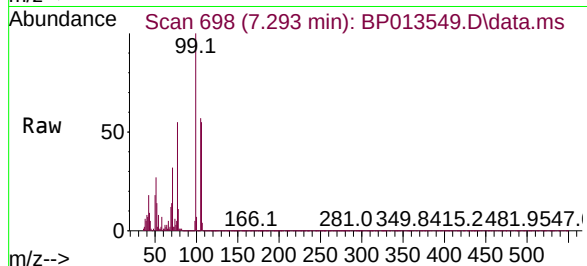




#9
Benzaldehyde
Concen: 43.033 ng
RT: 7.293 min Scan# 698
Delta R.T. 0.000 min
Lab File: BP013549.D
Acq: 23 Jan 2023 13:42

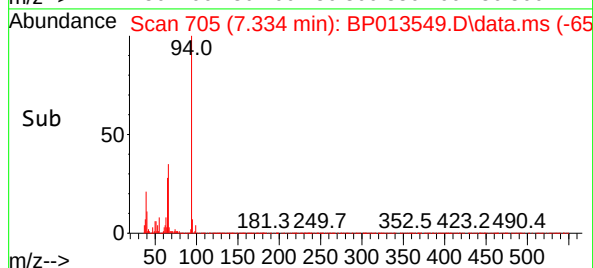
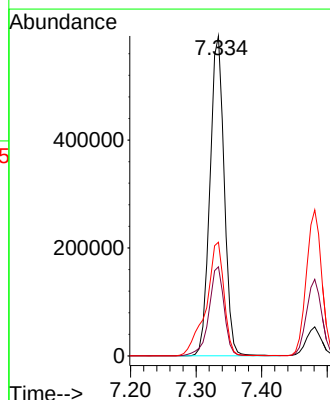
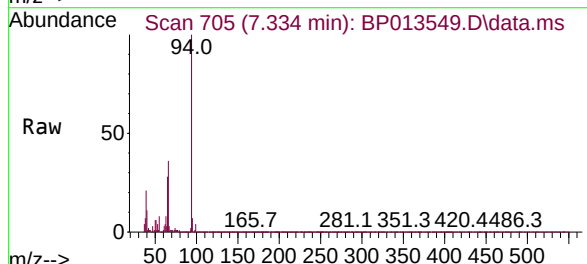
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

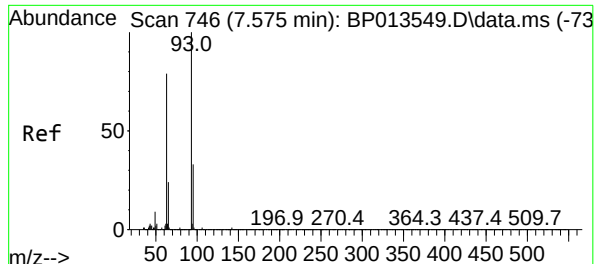
Tgt Ion: 77 Resp: 489132
Ion Ratio Lower Upper
77 100
105 102.6 82.6 122.6
106 98.9 78.9 118.9



#10
Phenol
Concen: 41.243 ng
RT: 7.334 min Scan# 705
Delta R.T. 0.000 min
Lab File: BP013549.D
Acq: 23 Jan 2023 13:42

Tgt Ion: 94 Resp: 896033
Ion Ratio Lower Upper
94 100
65 27.8 7.8 47.8
66 35.5 15.5 55.5





#11

bis(2-Chloroethyl)ether

Concen: 40.861 ng

RT: 7.575 min Scan# 746

Delta R.T. 0.000 min

Lab File: BP013549.D

Acq: 23 Jan 2023 13:42

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

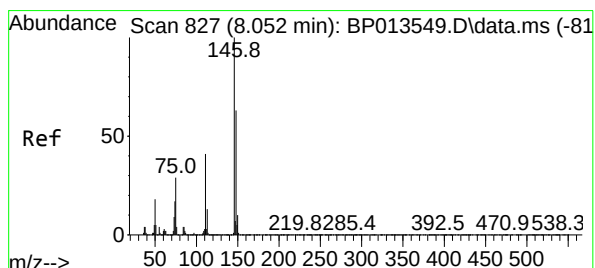
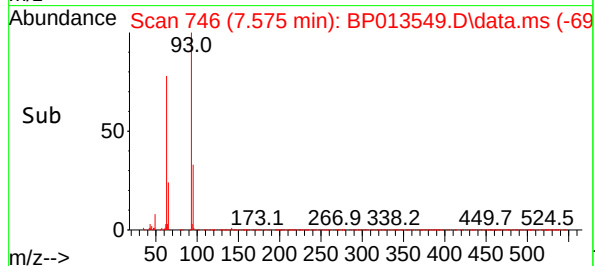
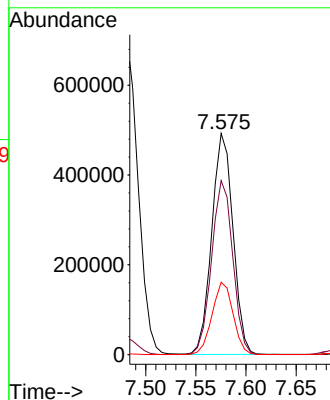
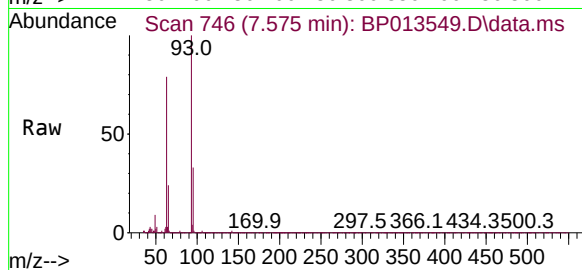
Tgt Ion: 93 Resp: 725875

Ion Ratio Lower Upper

93 100

63 78.7 58.7 98.7

95 32.8 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 41.527 ng

RT: 8.052 min Scan# 827

Delta R.T. 0.000 min

Lab File: BP013549.D

Acq: 23 Jan 2023 13:42

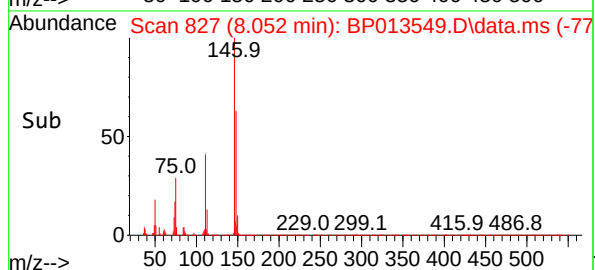
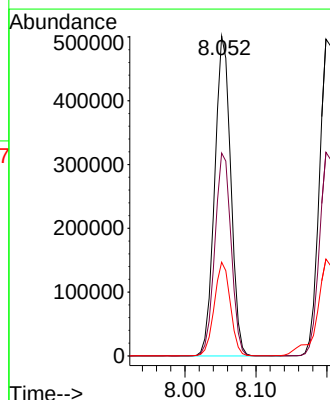
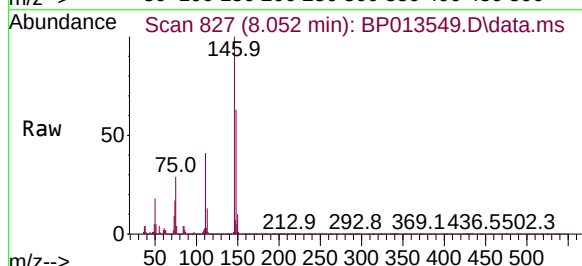
Tgt Ion: 146 Resp: 789544

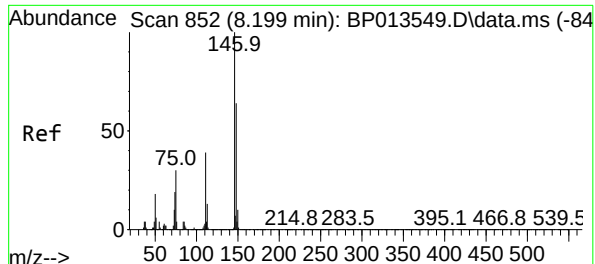
Ion Ratio Lower Upper

146 100

148 63.4 50.7 76.1

75 29.3 23.4 35.2





#13

1,4-Dichlorobenzene

Concen: 41.431 ng

RT: 8.199 min Scan# 852

Delta R.T. 0.000 min

Lab File: BP013549.D

Acq: 23 Jan 2023 13:42

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

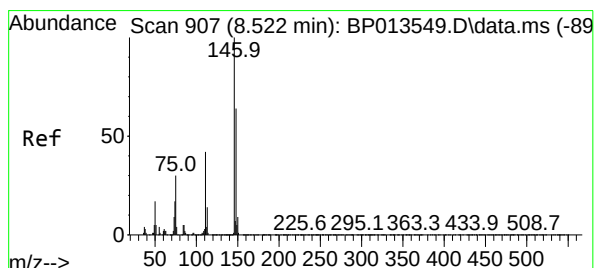
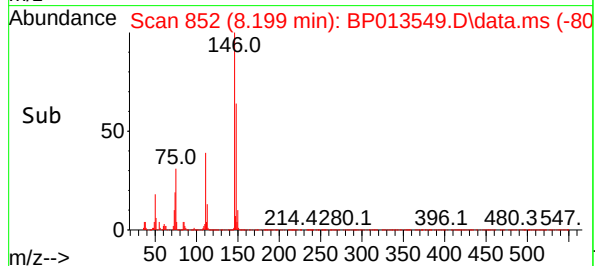
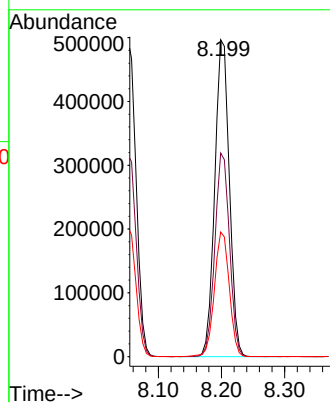
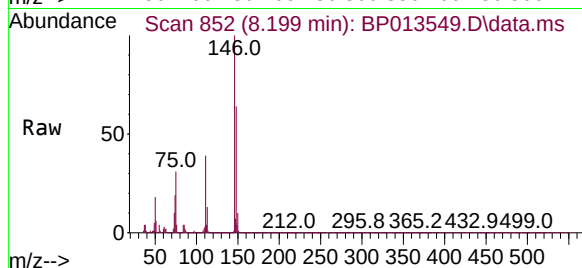
Tgt Ion:146 Resp: 798737

Ion Ratio Lower Upper

146 100

148 64.2 51.4 77.0

111 39.3 31.4 47.2



#14

1,2-Dichlorobenzene

Concen: 41.198 ng

RT: 8.522 min Scan# 907

Delta R.T. 0.000 min

Lab File: BP013549.D

Acq: 23 Jan 2023 13:42

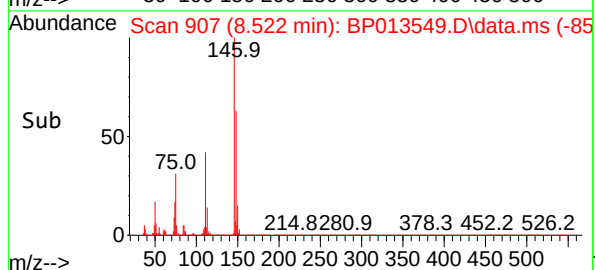
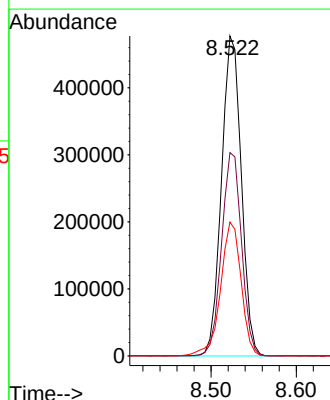
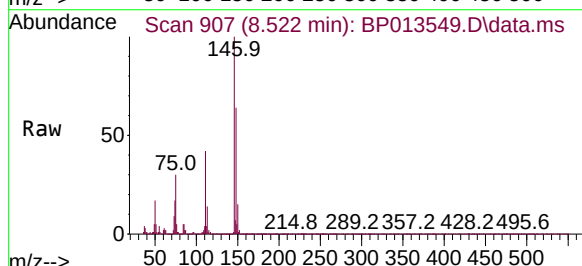
Tgt Ion:146 Resp: 769058

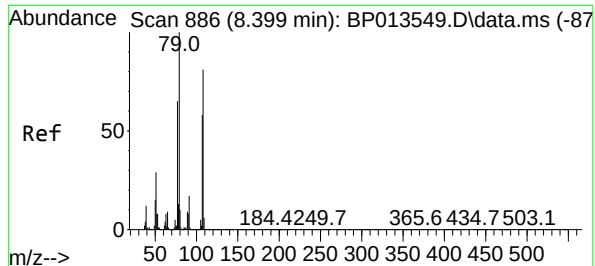
Ion Ratio Lower Upper

146 100

148 63.5 50.8 76.2

111 41.8 33.4 50.2





#15

Benzyl Alcohol

Concen: 40.588 ng

RT: 8.399 min Scan# 886

Delta R.T. 0.000 min

Lab File: BP013549.D

Acq: 23 Jan 2023 13:42

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

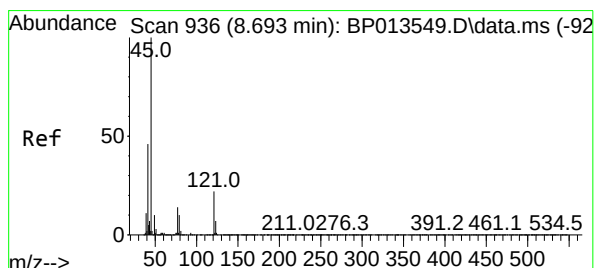
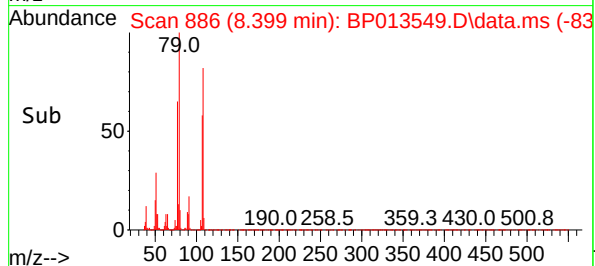
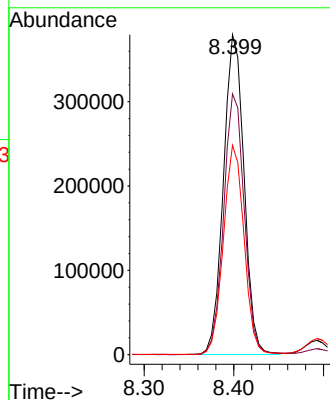
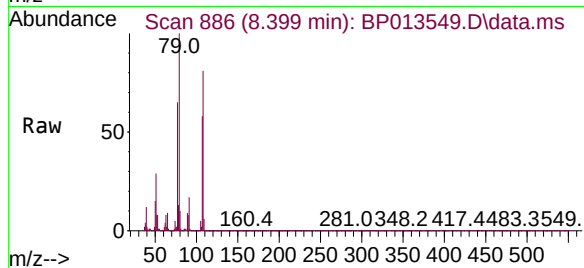
Tgt Ion: 79 Resp: 608092

Ion Ratio Lower Upper

79 100

108 81.5 65.2 97.8

77 65.4 52.3 78.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.258 ng

RT: 8.693 min Scan# 936

Delta R.T. 0.000 min

Lab File: BP013549.D

Acq: 23 Jan 2023 13:42

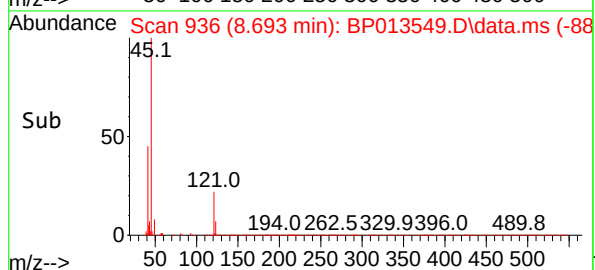
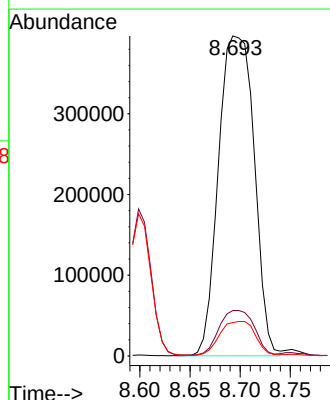
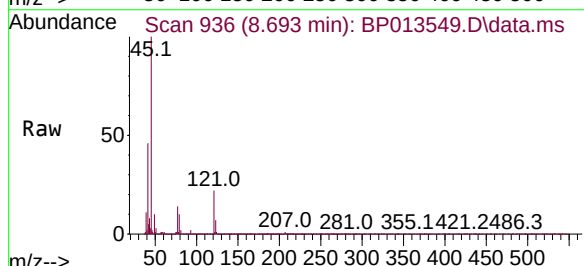
Tgt Ion: 45 Resp: 980585

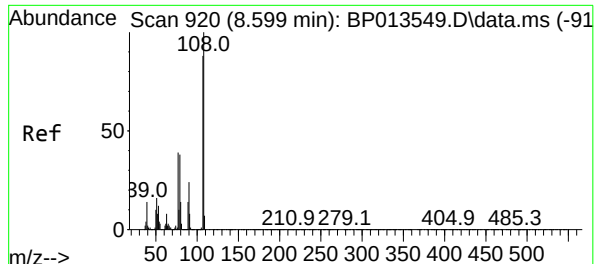
Ion Ratio Lower Upper

45 100

77 14.2 0.0 34.2

79 10.4 0.0 30.4





#17

2-Methylphenol

Concen: 40.862 ng

RT: 8.599 min Scan# 91

Delta R.T. 0.000 min

Lab File: BP013549.D

Acq: 23 Jan 2023 13:42

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:107 Resp: 644739

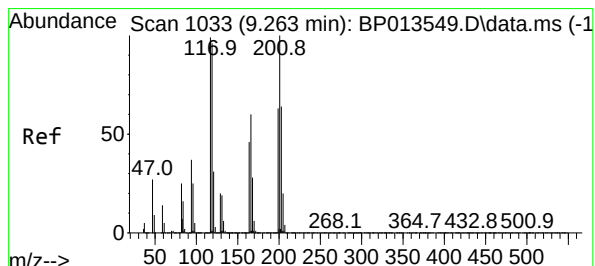
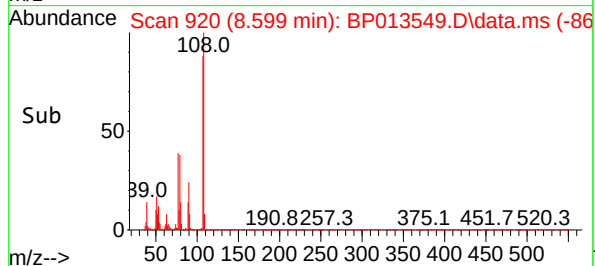
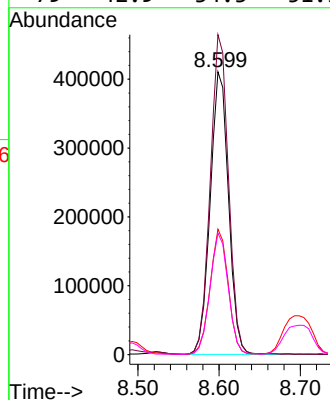
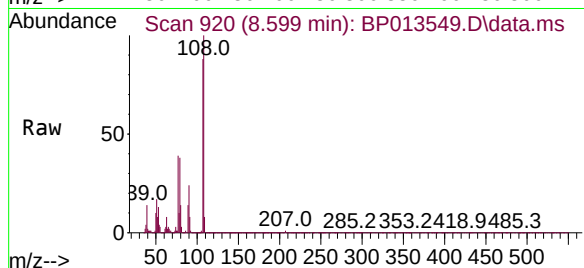
Ion Ratio Lower Upper

107 100

108 113.1 90.5 135.7

77 44.3 35.4 53.2

79 42.9 34.3 51.5



#18

Hexachloroethane

Concen: 41.942 ng

RT: 9.263 min Scan# 1033

Delta R.T. 0.000 min

Lab File: BP013549.D

Acq: 23 Jan 2023 13:42

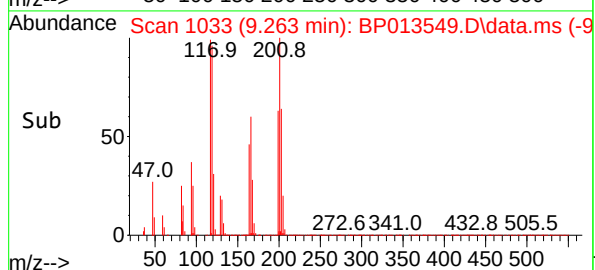
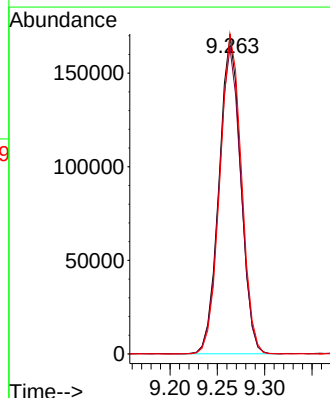
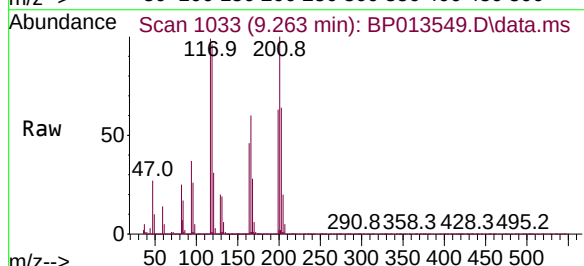
Tgt Ion:117 Resp: 270270

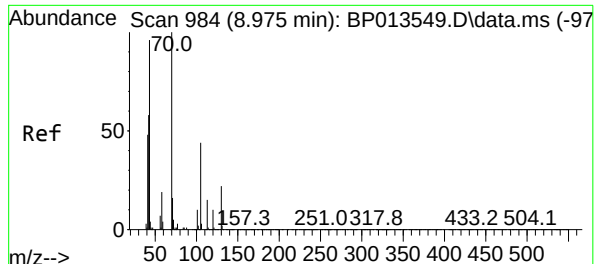
Ion Ratio Lower Upper

117 100

119 96.3 77.0 115.6

201 100.7 80.6 120.8





#19

n-Nitroso-di-n-propylamine

Concen: 40.440 ng

RT: 8.975 min Scan# 984

Delta R.T. 0.000 min

Lab File: BP013549.D

Acq: 23 Jan 2023 13:42

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 546198

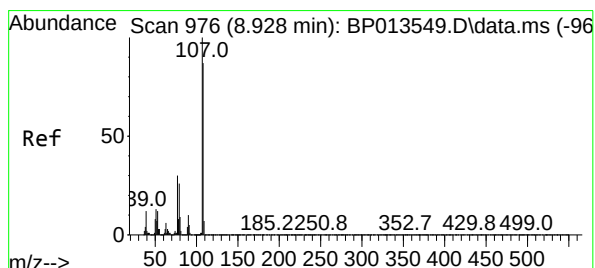
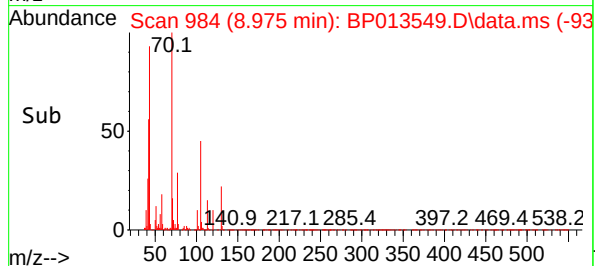
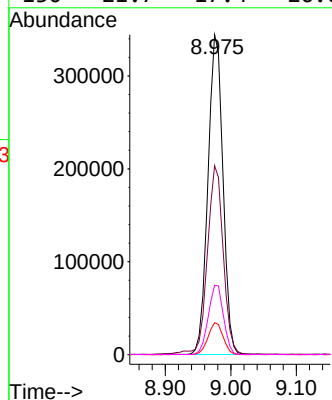
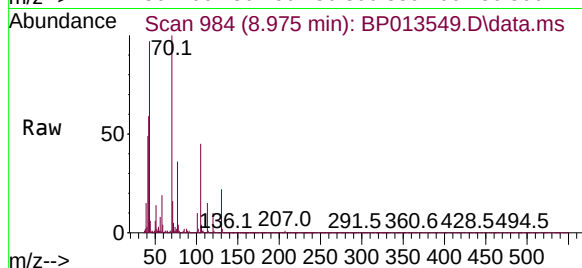
Ion Ratio Lower Upper

70 100

42 59.0 47.2 70.8

101 10.0 8.0 12.0

130 21.7 17.4 26.0



#20

3+4-Methylphenols

Concen: 40.668 ng

RT: 8.928 min Scan# 976

Delta R.T. 0.000 min

Lab File: BP013549.D

Acq: 23 Jan 2023 13:42

Tgt Ion: 107 Resp: 844588

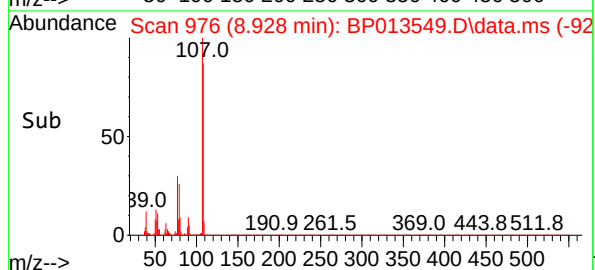
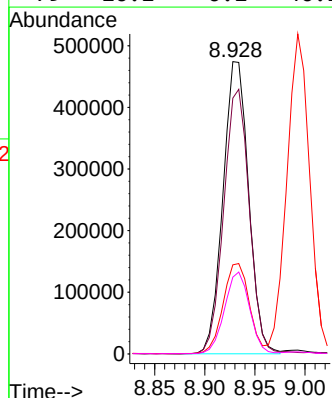
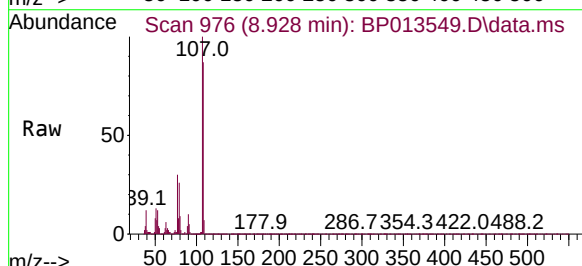
Ion Ratio Lower Upper

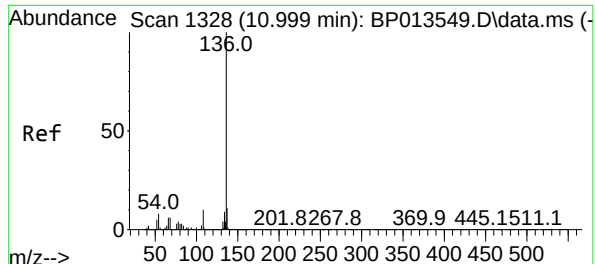
107 100

108 87.5 67.5 107.5

77 30.5 10.5 50.5

79 26.2 6.2 46.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.999 min Scan# 1328

Delta R.T. 0.000 min

Lab File: BP013549.D

Acq: 23 Jan 2023 13:42

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:136 Resp: 1040534

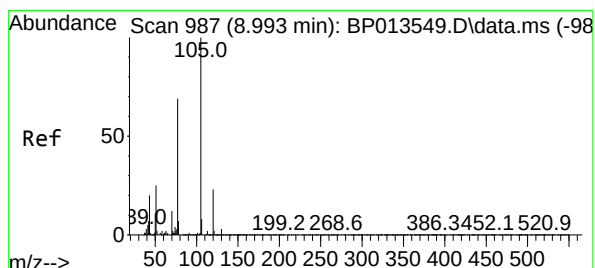
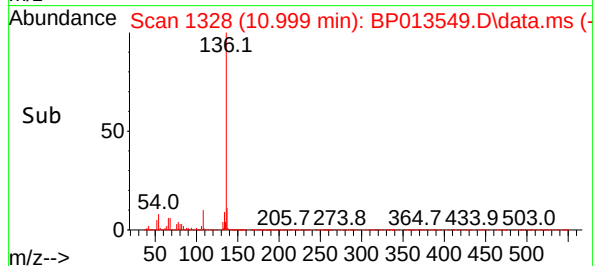
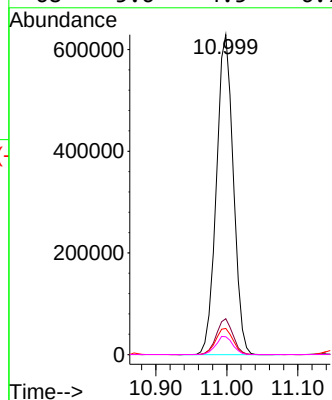
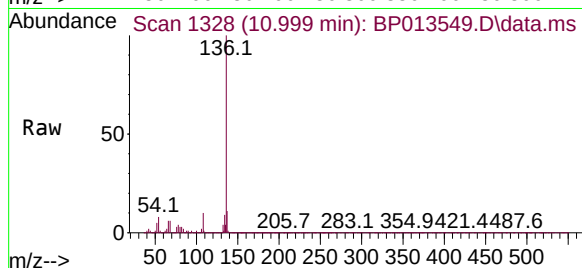
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 8.2 6.6 9.8

68 5.6 4.5 6.7



#22

Acetophenone

Concen: 41.453 ng

RT: 8.993 min Scan# 987

Delta R.T. 0.000 min

Lab File: BP013549.D

Acq: 23 Jan 2023 13:42

Tgt Ion:105 Resp: 1106543

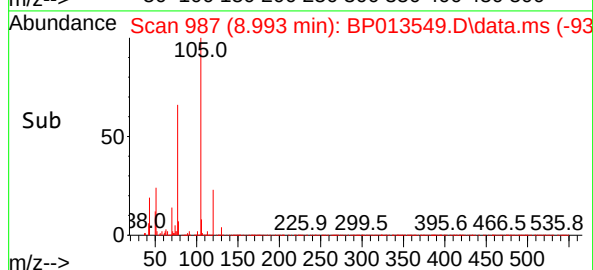
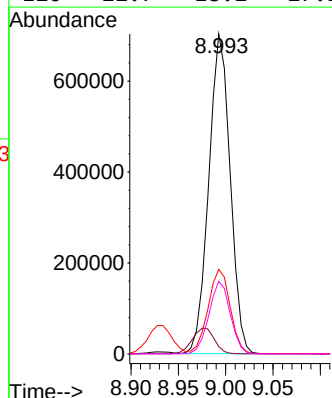
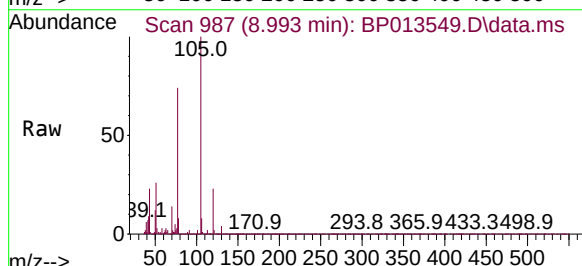
Ion Ratio Lower Upper

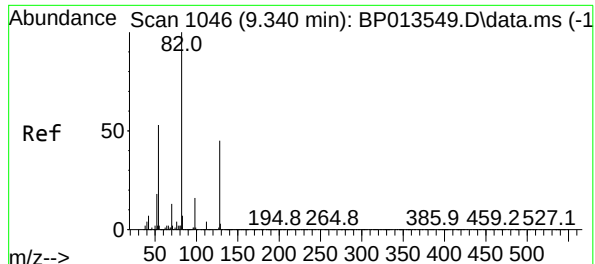
105 100

71 2.3 1.8 2.8

51 26.4 21.1 31.7

120 22.7 18.2 27.2





#23

Nitrobenzene-d5

Concen: 87.228 ng

RT: 9.340 min Scan# 1046

Delta R.T. 0.000 min

Lab File: BP013549.D

Acq: 23 Jan 2023 13:42

Instrument :

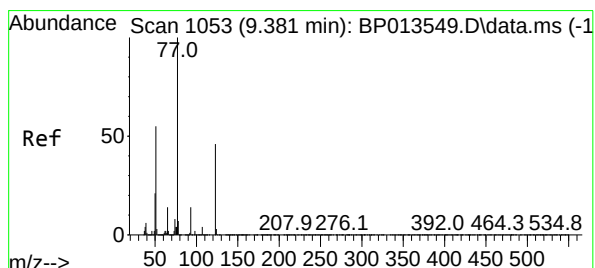
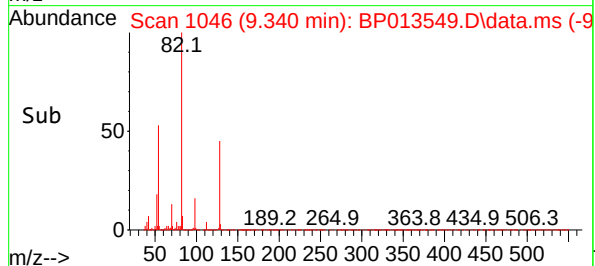
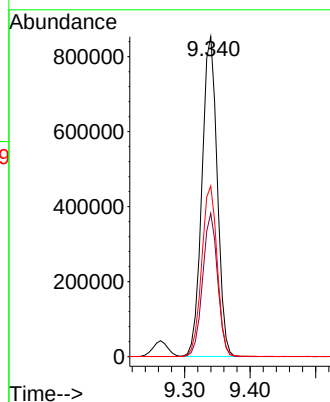
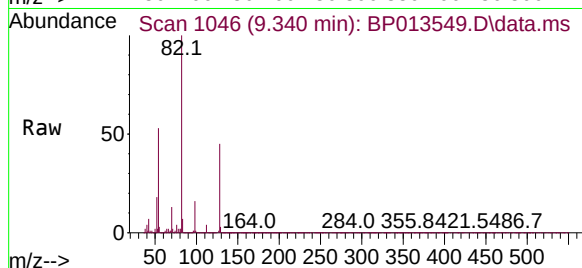
BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 1374858

Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.8	53.6
54	53.3	42.6	64.0



#24

Nitrobenzene

Concen: 43.111 ng

RT: 9.381 min Scan# 1053

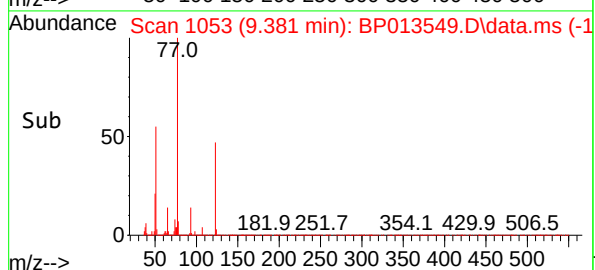
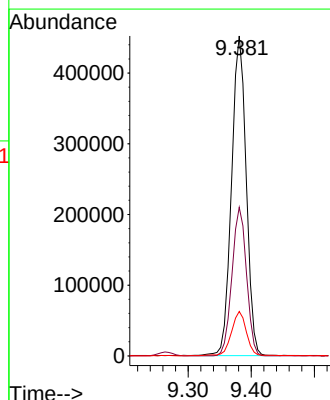
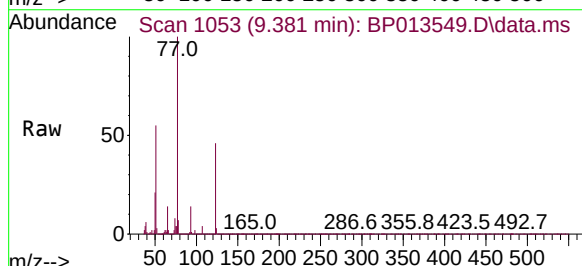
Delta R.T. 0.000 min

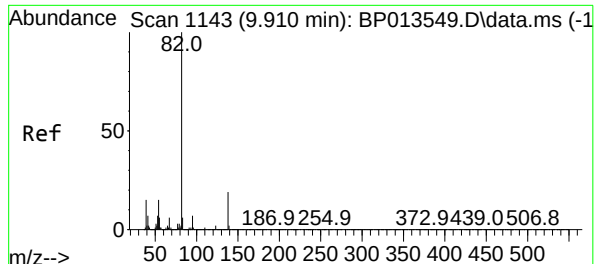
Lab File: BP013549.D

Acq: 23 Jan 2023 13:42

Tgt Ion: 77 Resp: 730602

Ion	Ratio	Lower	Upper
77	100		
123	46.5	37.2	55.8
65	13.9	11.1	16.7

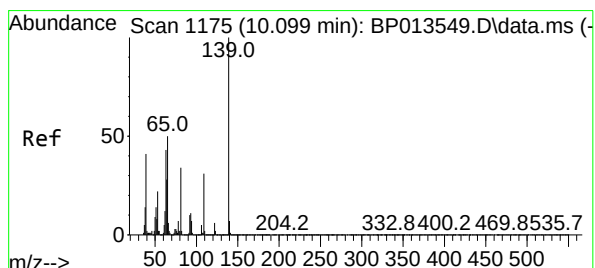
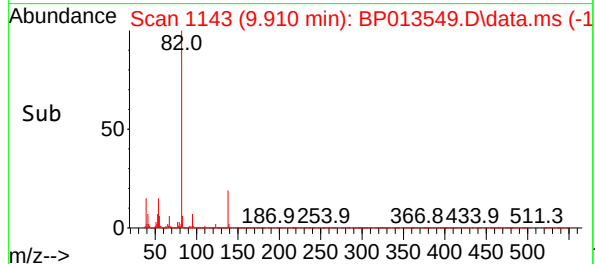
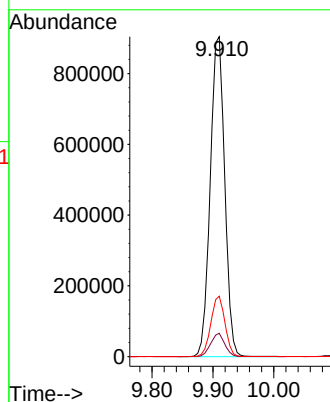
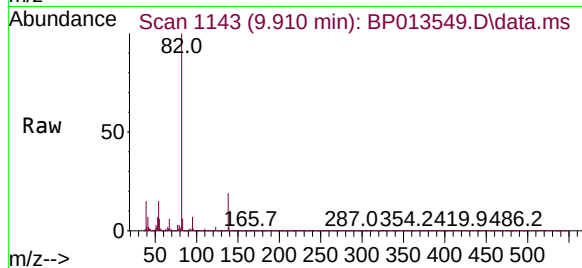




#25
Isophorone
Concen: 39.964 ng
RT: 9.910 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BP013549.D
Acq: 23 Jan 2023 13:42

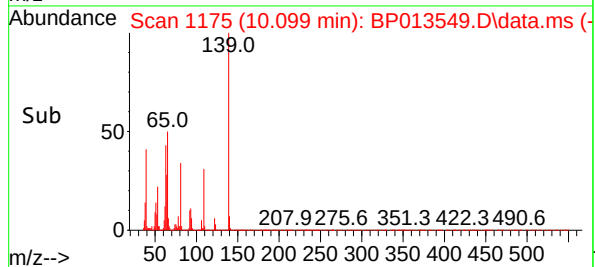
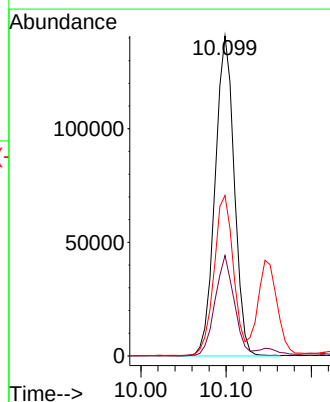
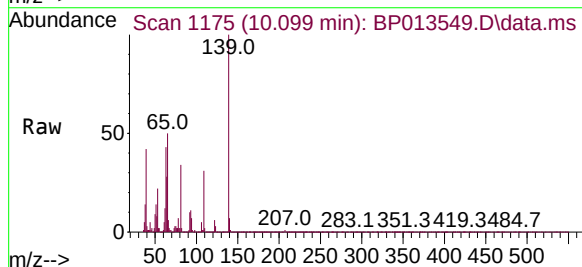
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

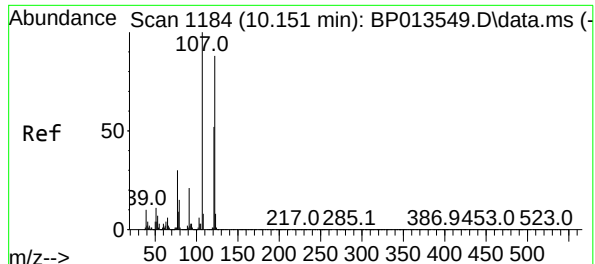
Tgt Ion: 82 Resp: 1494081
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 18.9 15.1 22.7



#26
2-Nitrophenol
Concen: 41.660 ng
RT: 10.099 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BP013549.D
Acq: 23 Jan 2023 13:42

Tgt Ion: 139 Resp: 220148
Ion Ratio Lower Upper
139 100
109 31.4 25.1 37.7
65 50.1 40.1 60.1





#27

2,4-Dimethylphenol

Concen: 40.584 ng

RT: 10.151 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BP013549.D

Acq: 23 Jan 2023 13:42

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

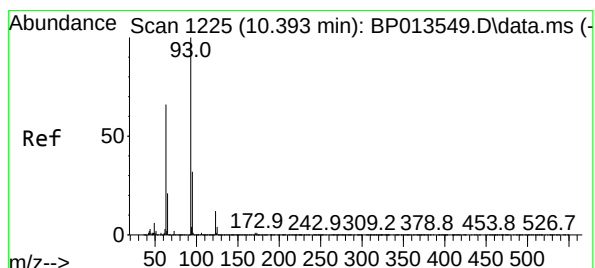
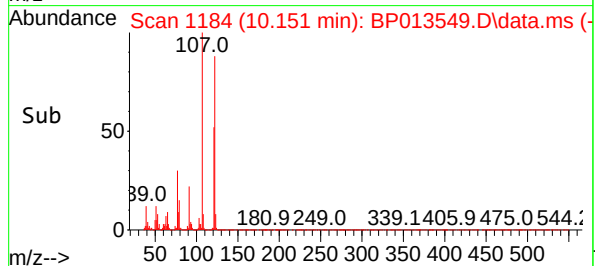
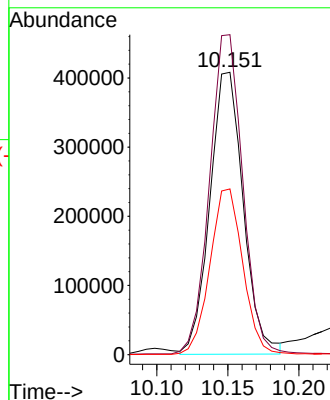
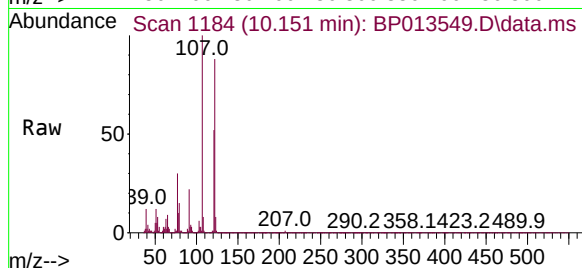
Tgt Ion:122 Resp: 668830

Ion Ratio Lower Upper

122 100

107 113.4 90.7 136.1

121 58.7 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 40.580 ng

RT: 10.393 min Scan# 1225

Delta R.T. 0.000 min

Lab File: BP013549.D

Acq: 23 Jan 2023 13:42

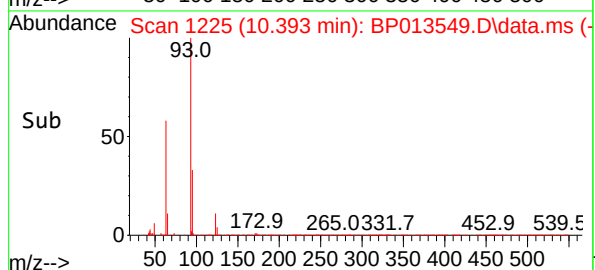
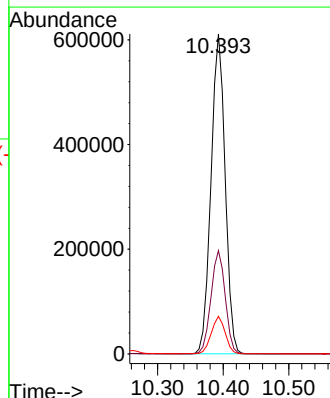
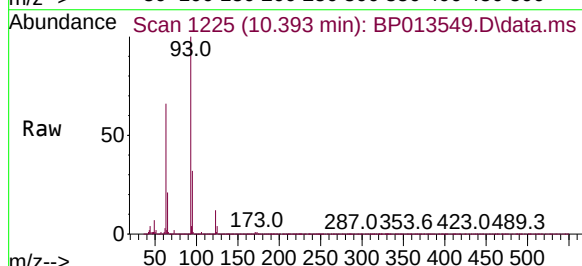
Tgt Ion: 93 Resp: 914245

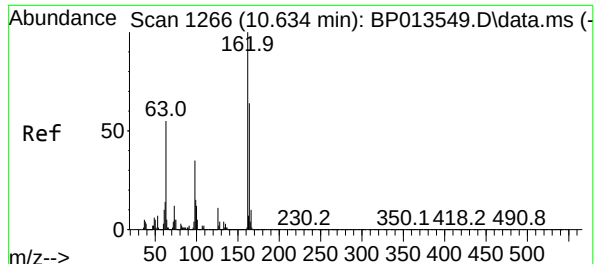
Ion Ratio Lower Upper

93 100

95 32.3 25.8 38.8

123 11.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 41.781 ng

RT: 10.634 min Scan# 1266

Delta R.T. 0.000 min

Lab File: BP013549.D

Acq: 23 Jan 2023 13:42

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

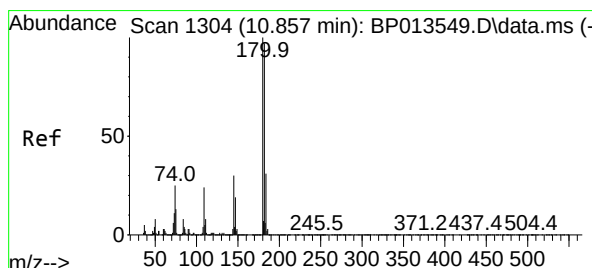
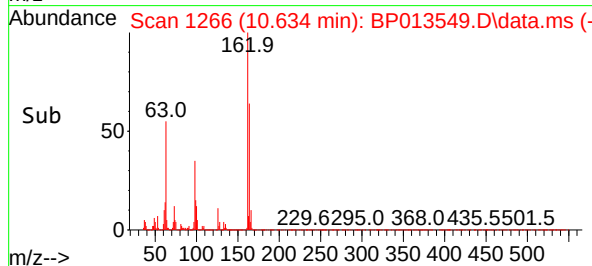
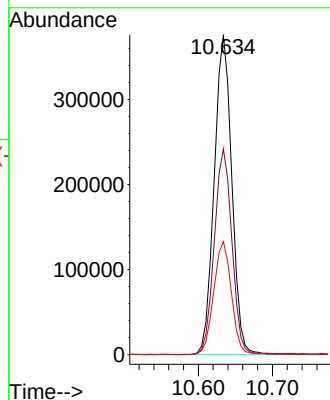
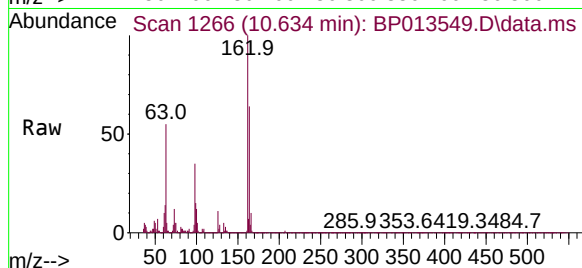
Tgt Ion:162 Resp: 620231

Ion Ratio Lower Upper

162 100

164 64.3 44.3 84.3

98 35.3 15.3 55.3



#30

1,2,4-Trichlorobenzene

Concen: 41.240 ng

RT: 10.857 min Scan# 1304

Delta R.T. 0.000 min

Lab File: BP013549.D

Acq: 23 Jan 2023 13:42

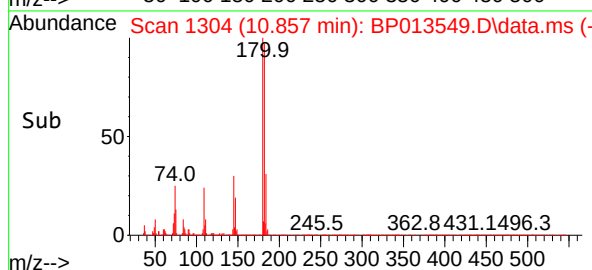
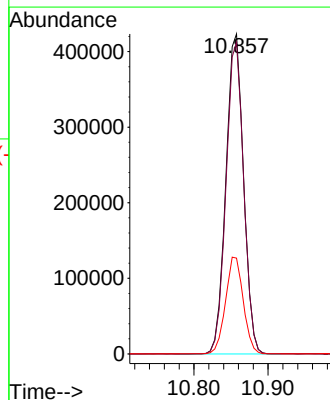
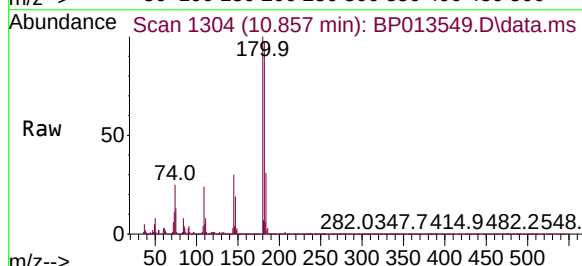
Tgt Ion:180 Resp: 698648

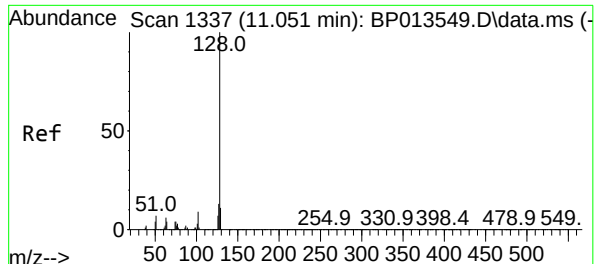
Ion Ratio Lower Upper

180 100

182 97.4 77.9 116.9

145 30.0 24.0 36.0





#31

Naphthalene

Concen: 41.224 ng

RT: 11.051 min Scan# 1337

Delta R.T. 0.000 min

Lab File: BP013549.D

Acq: 23 Jan 2023 13:42

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

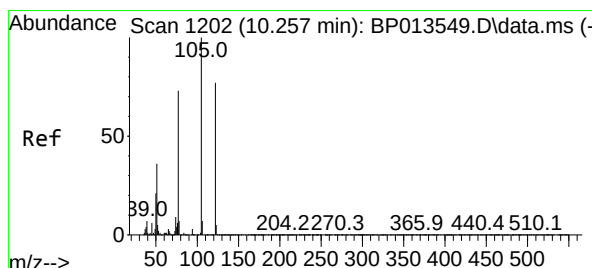
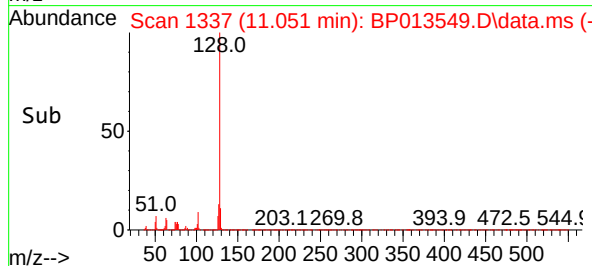
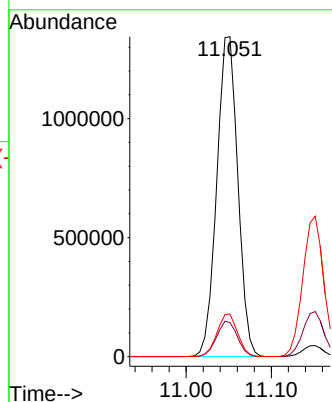
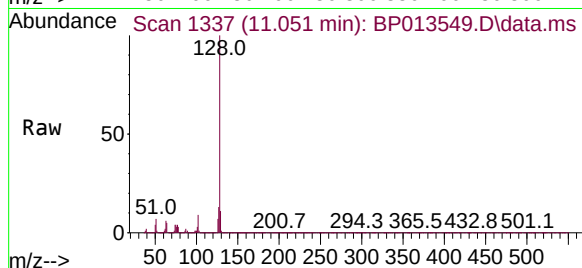
Tgt Ion:128 Resp: 2306056

Ion Ratio Lower Upper

128 100

129 10.6 8.5 12.7

127 13.3 10.6 16.0



#32

Benzoic acid

Concen: 37.740 ng

RT: 10.257 min Scan# 1202

Delta R.T. 0.000 min

Lab File: BP013549.D

Acq: 23 Jan 2023 13:42

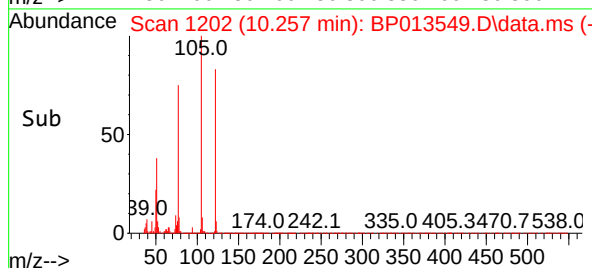
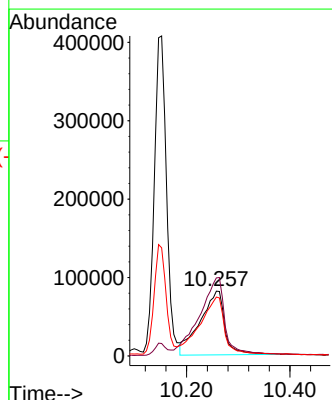
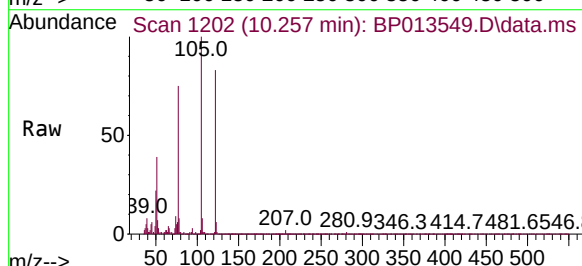
Tgt Ion:122 Resp: 271843

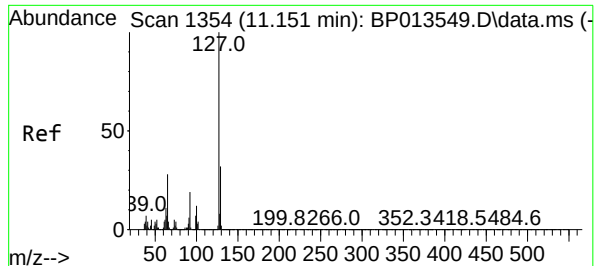
Ion Ratio Lower Upper

122 100

105 120.5 100.5 140.5

77 90.9 70.9 110.9





#33

4-Chloroaniline

Concen: 40.538 ng

RT: 11.151 min Scan# 1354

Delta R.T. 0.000 min

Lab File: BP013549.D

Acq: 23 Jan 2023 13:42

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:127 Resp: 1003416

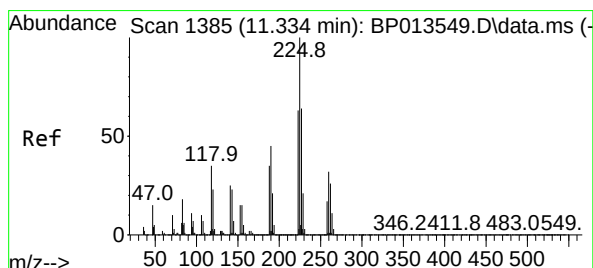
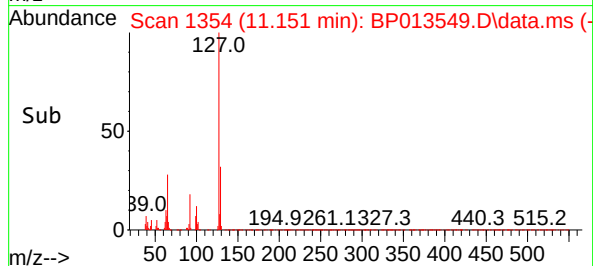
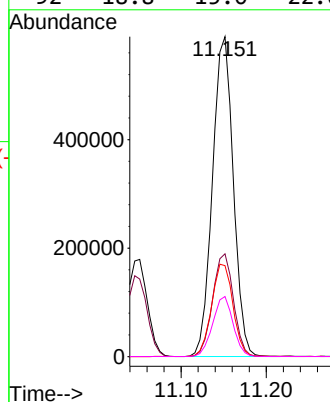
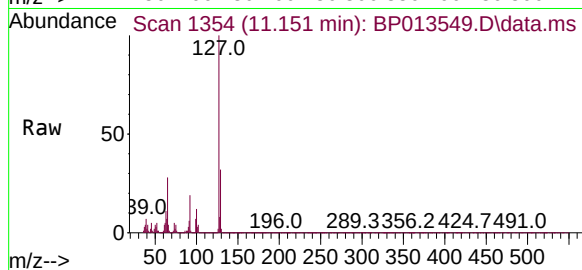
Ion Ratio Lower Upper

127 100

129 32.1 25.7 38.5

65 28.4 22.7 34.1

92 18.8 15.0 22.6



#34

Hexachlorobutadiene

Concen: 41.752 ng

RT: 11.334 min Scan# 1385

Delta R.T. 0.000 min

Lab File: BP013549.D

Acq: 23 Jan 2023 13:42

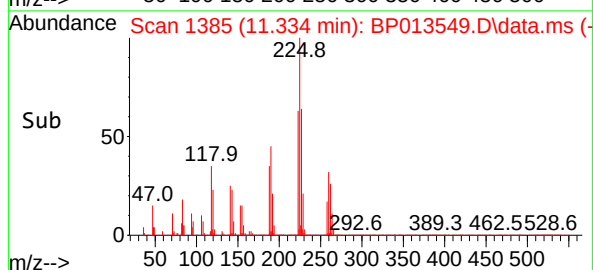
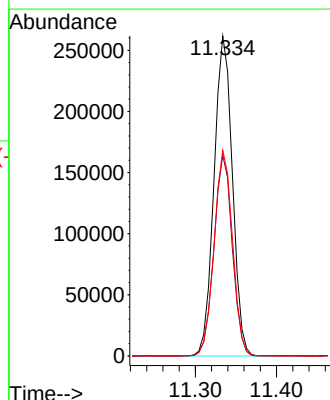
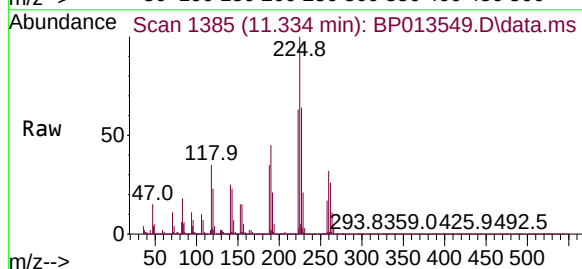
Tgt Ion:225 Resp: 411619

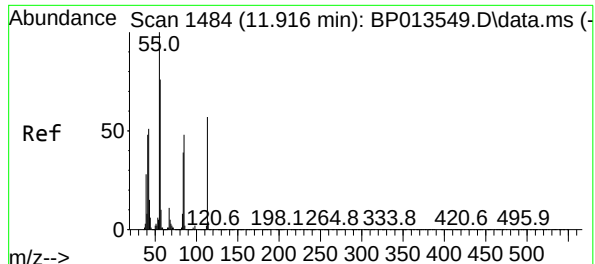
Ion Ratio Lower Upper

225 100

223 62.7 50.2 75.2

227 64.3 51.4 77.2





#35

Caprolactam

Concen: 39.392 ng

RT: 11.916 min Scan# 1484

Delta R.T. 0.000 min

Lab File: BP013549.D

Acq: 23 Jan 2023 13:42

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

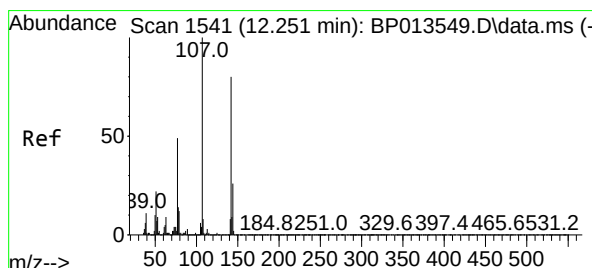
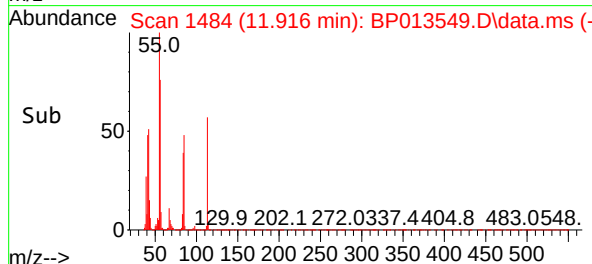
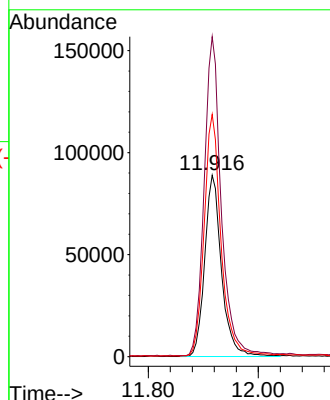
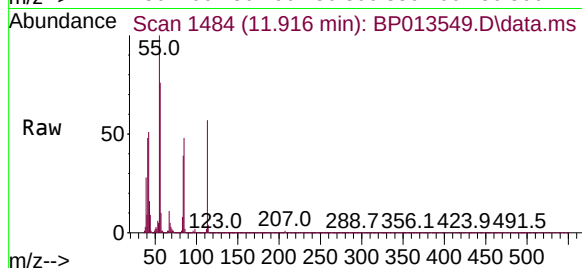
Tgt Ion:113 Resp: 188887

Ion Ratio Lower Upper

113 100

55 176.5 156.5 196.5

56 133.5 113.5 153.5



#36

4-Chloro-3-methylphenol

Concen: 40.392 ng

RT: 12.251 min Scan# 1541

Delta R.T. 0.000 min

Lab File: BP013549.D

Acq: 23 Jan 2023 13:42

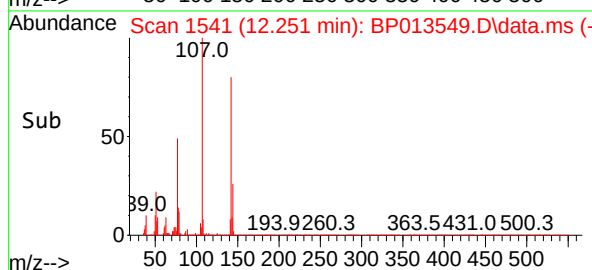
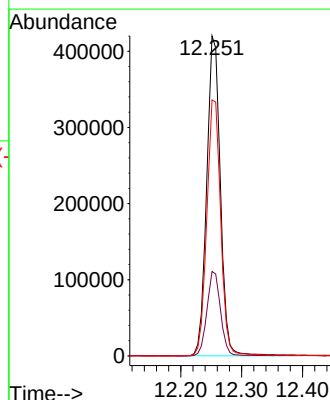
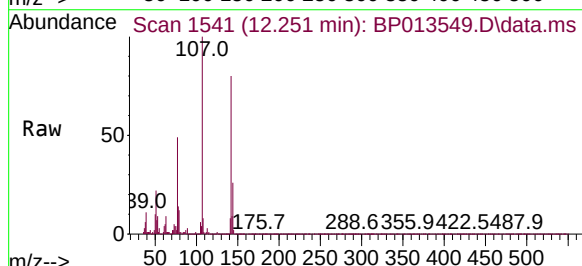
Tgt Ion:107 Resp: 653008

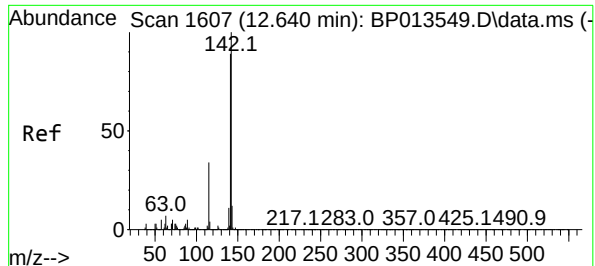
Ion Ratio Lower Upper

107 100

144 26.4 21.1 31.7

142 80.0 64.0 96.0

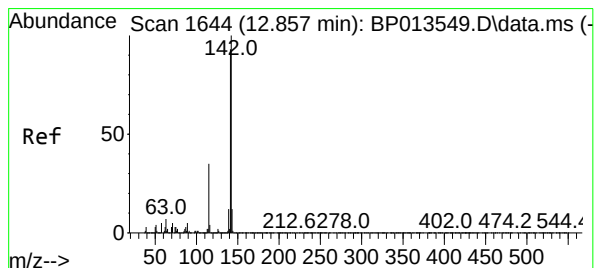
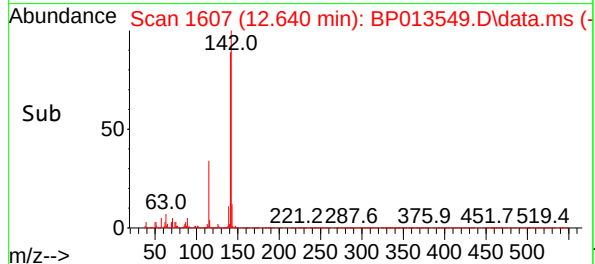
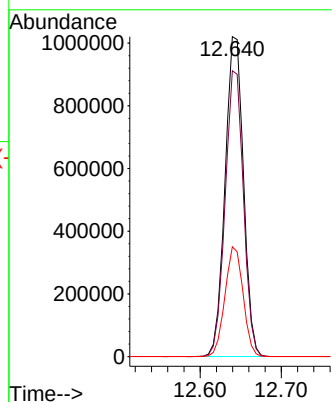
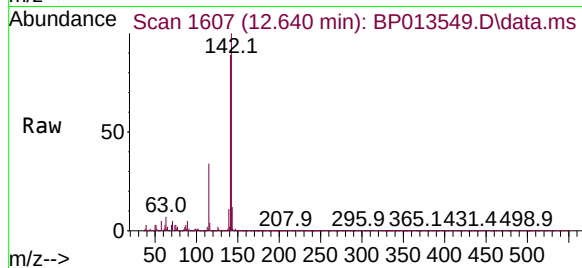




#37
2-Methylnaphthalene
Concen: 40.408 ng
RT: 12.640 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BP013549.D
Acq: 23 Jan 2023 13:42

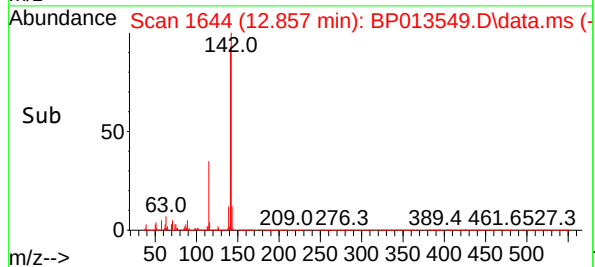
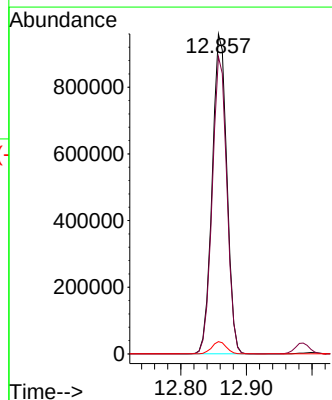
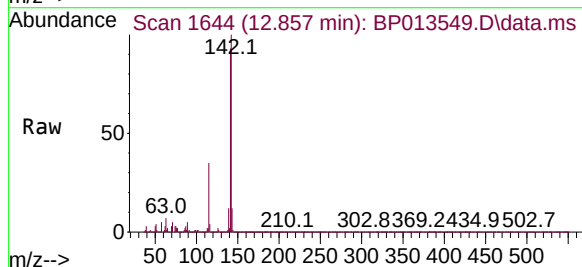
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

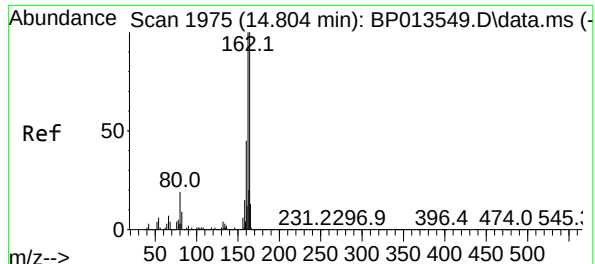
Tgt Ion:142 Resp: 1606734
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.2
115 34.3 27.4 41.2



#38
1-Methylnaphthalene
Concen: 39.947 ng
RT: 12.857 min Scan# 1644
Delta R.T. 0.000 min
Lab File: BP013549.D
Acq: 23 Jan 2023 13:42

Tgt Ion:142 Resp: 1492546
Ion Ratio Lower Upper
142 100
141 92.9 74.3 111.5
116 3.8 3.0 4.6

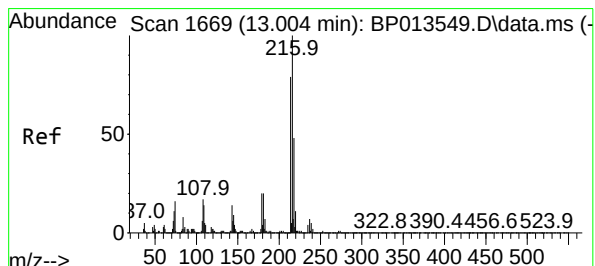
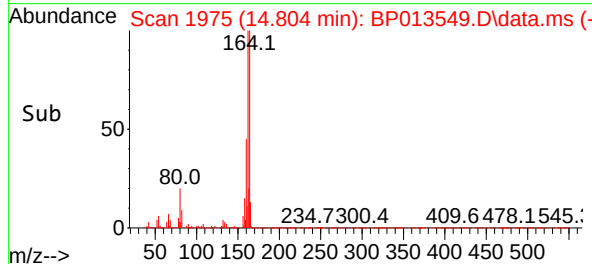
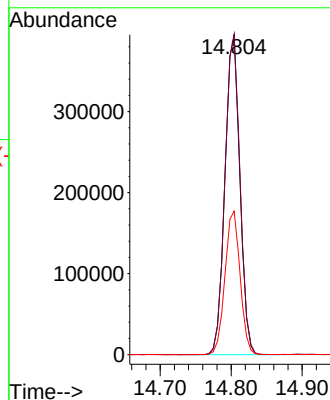
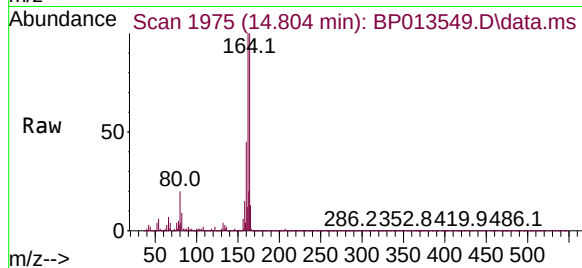




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.804 min Scan# 1975
Delta R.T. 0.000 min
Lab File: BP013549.D
Acq: 23 Jan 2023 13:42

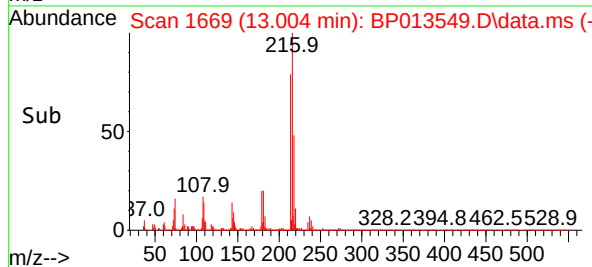
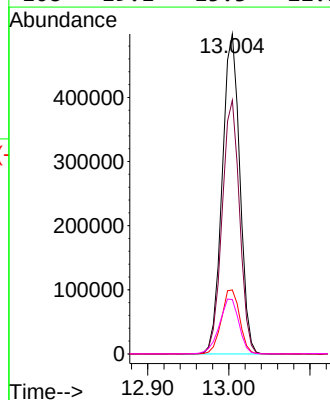
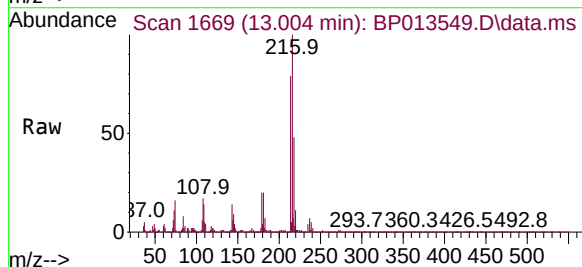
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

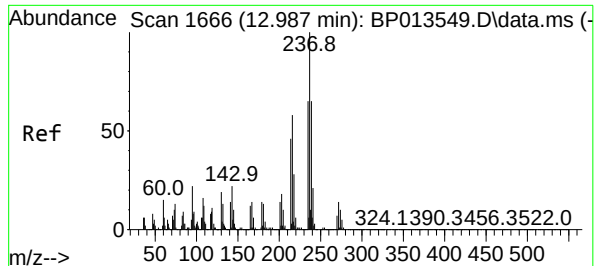
Tgt Ion:164 Resp: 576242
Ion Ratio Lower Upper
164 100
162 100.1 80.1 120.1
160 44.9 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.347 ng
RT: 13.004 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BP013549.D
Acq: 23 Jan 2023 13:42

Tgt Ion:216 Resp: 751266
Ion Ratio Lower Upper
216 100
214 78.6 62.9 94.3
179 20.7 16.6 24.8
108 19.1 15.3 22.9

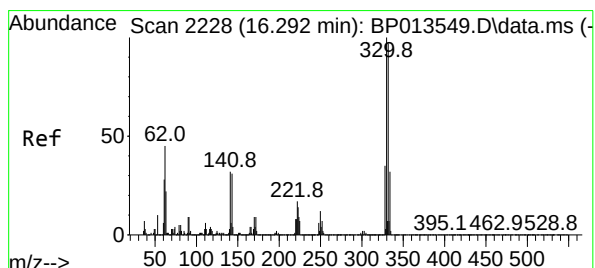
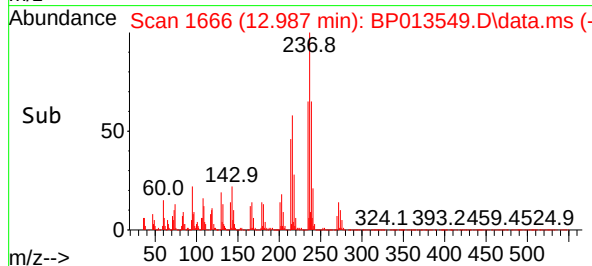
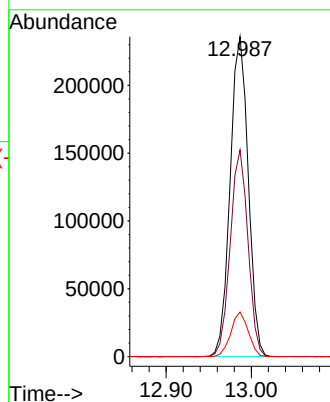
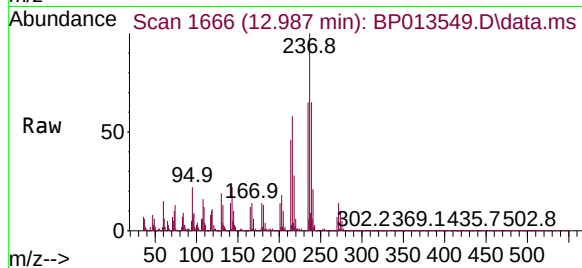




#41
Hexachlorocyclopentadiene
Concen: 41.612 ng
RT: 12.987 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BP013549.D
Acq: 23 Jan 2023 13:42

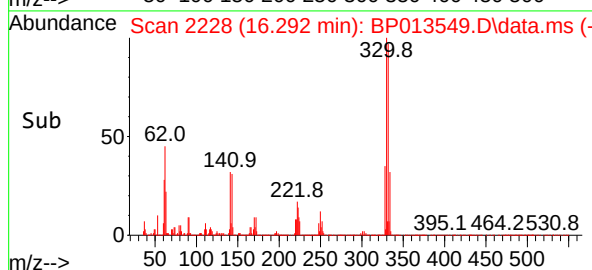
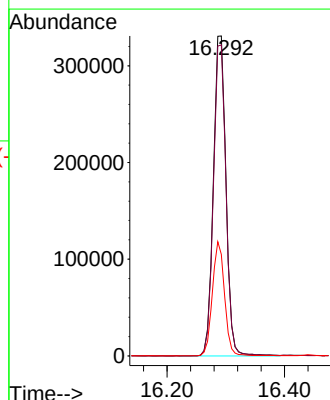
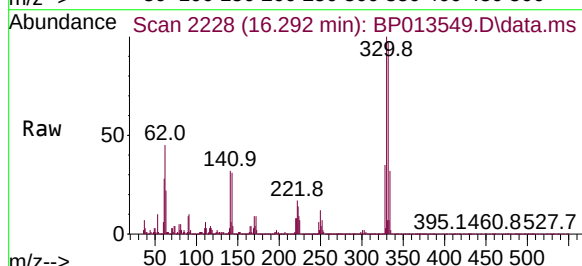
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

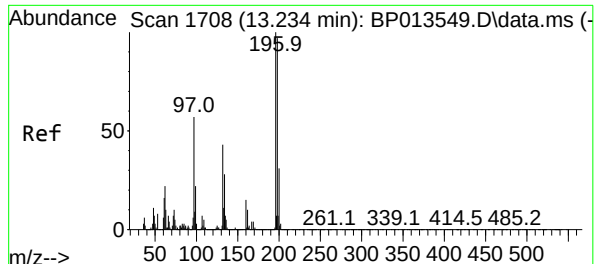
Tgt Ion:237 Resp: 347517
Ion Ratio Lower Upper
237 100
235 64.6 44.6 84.6
272 13.9 0.0 33.9



#42
2,4,6-Tribromophenol
Concen: 81.871 ng
RT: 16.292 min Scan# 2228
Delta R.T. 0.000 min
Lab File: BP013549.D
Acq: 23 Jan 2023 13:42

Tgt Ion:330 Resp: 491867
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.2
141 34.5 27.6 41.4

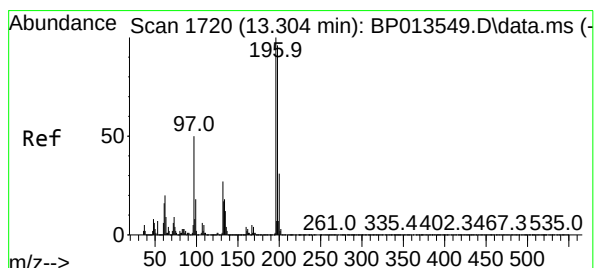
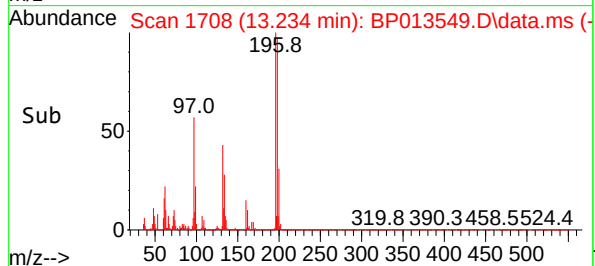
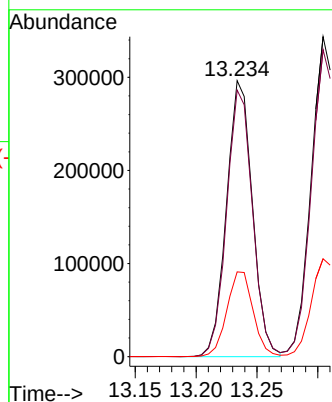
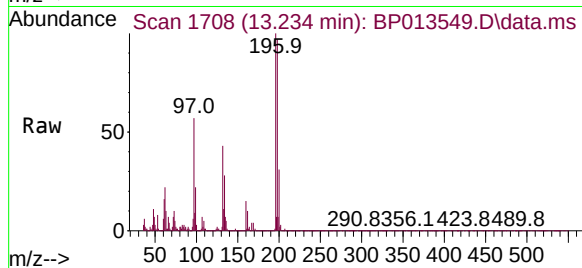




#43
2,4,6-Trichlorophenol
Concen: 42.256 ng
RT: 13.234 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BP013549.D
Acq: 23 Jan 2023 13:42

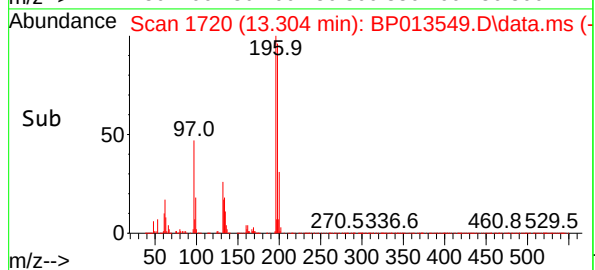
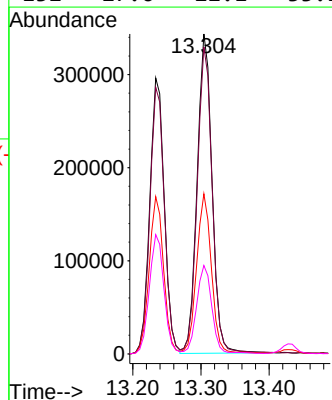
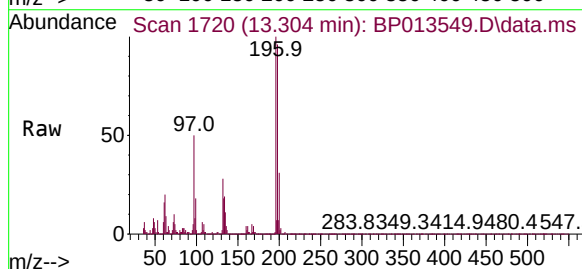
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

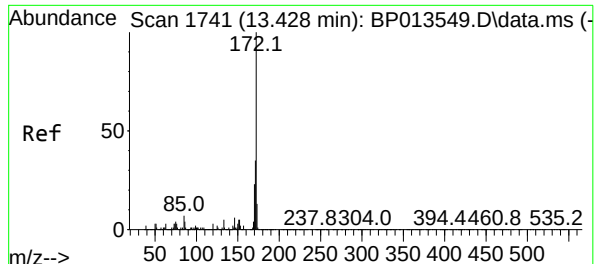
Tgt Ion:196 Resp: 438753
Ion Ratio Lower Upper
196 100
198 96.6 77.3 115.9
200 30.7 24.6 36.8



#44
2,4,5-Trichlorophenol
Concen: 42.583 ng
RT: 13.304 min Scan# 1720
Delta R.T. 0.000 min
Lab File: BP013549.D
Acq: 23 Jan 2023 13:42

Tgt Ion:196 Resp: 522474
Ion Ratio Lower Upper
196 100
198 95.9 76.7 115.1
97 50.0 40.0 60.0
132 27.6 22.1 33.1





#45

2-Fluorobiphenyl

Concen: 84.103 ng

RT: 13.428 min Scan# 1741

Delta R.T. 0.000 min

Lab File: BP013549.D

Acq: 23 Jan 2023 13:42

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

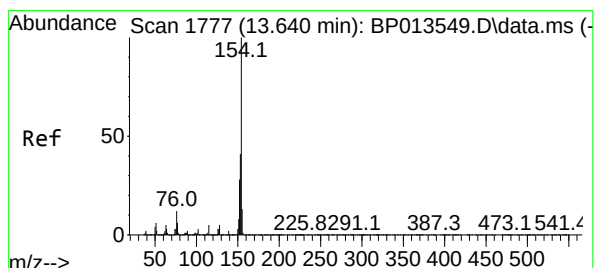
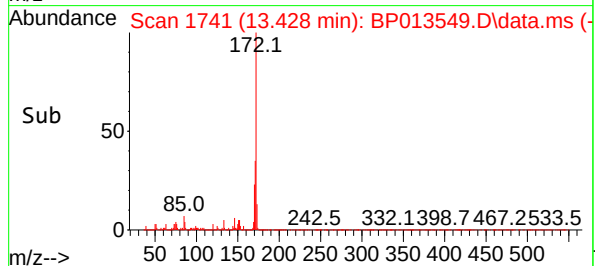
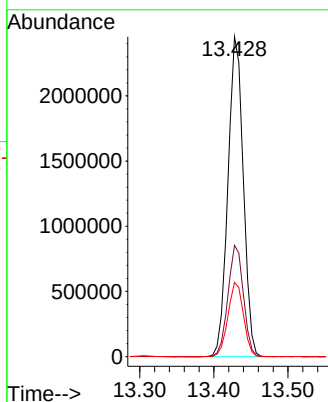
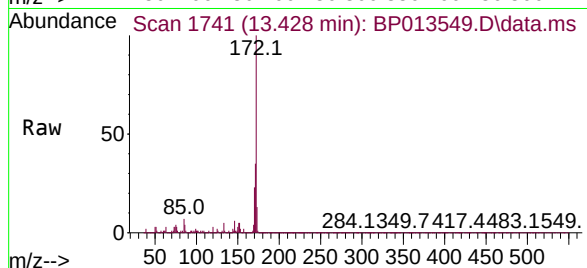
Tgt Ion:172 Resp: 3530648

Ion Ratio Lower Upper

172 100

171 34.8 27.8 41.8

170 23.2 18.6 27.8



#46

1,1'-Biphenyl

Concen: 41.765 ng

RT: 13.640 min Scan# 1777

Delta R.T. 0.000 min

Lab File: BP013549.D

Acq: 23 Jan 2023 13:42

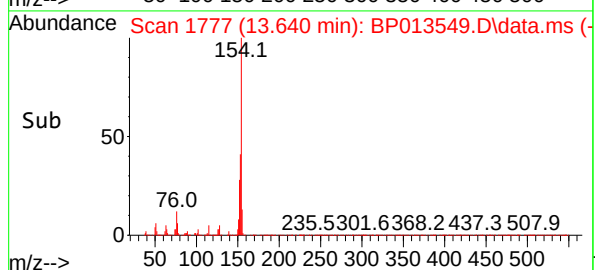
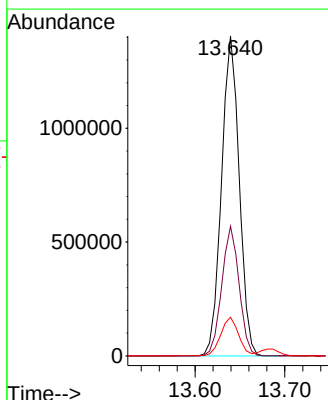
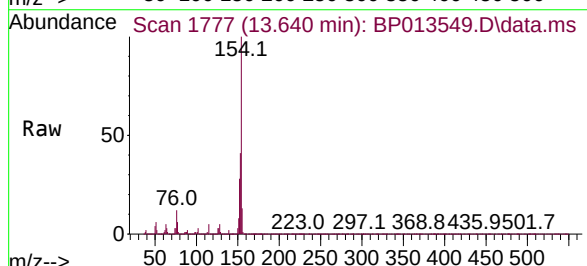
Tgt Ion:154 Resp: 1932828

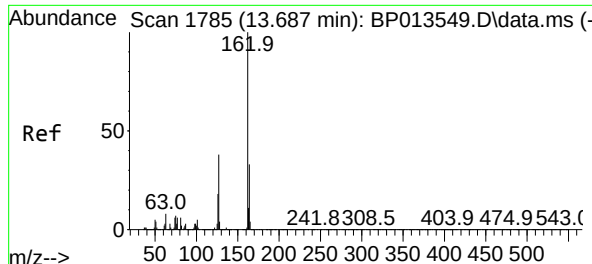
Ion Ratio Lower Upper

154 100

153 40.5 20.5 60.5

76 12.1 0.0 32.1





#47

2-Chloronaphthalene

Concen: 41.653 ng

RT: 13.687 min Scan# 1785

Delta R.T. 0.000 min

Lab File: BP013549.D

Acq: 23 Jan 2023 13:42

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

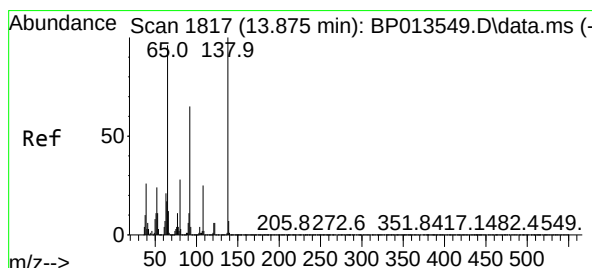
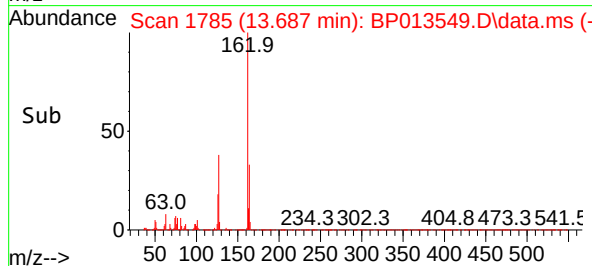
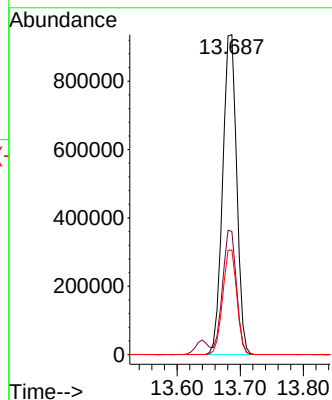
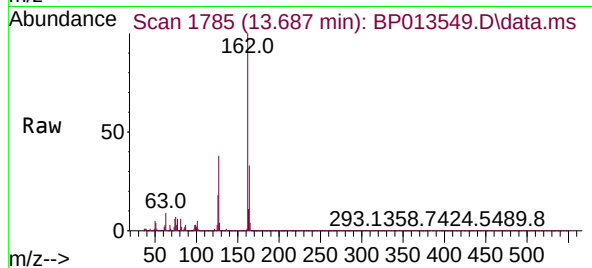
Tgt Ion:162 Resp: 1444139

Ion Ratio Lower Upper

162 100

127 38.5 30.8 46.2

164 32.7 26.2 39.2



#48

2-Nitroaniline

Concen: 43.758 ng

RT: 13.875 min Scan# 1817

Delta R.T. 0.000 min

Lab File: BP013549.D

Acq: 23 Jan 2023 13:42

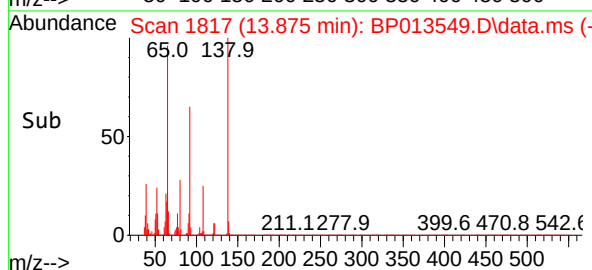
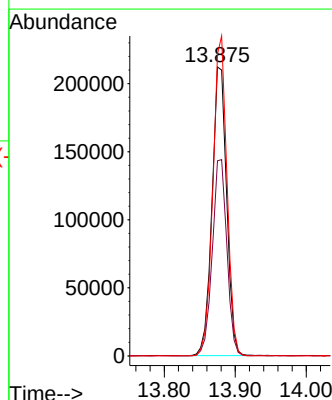
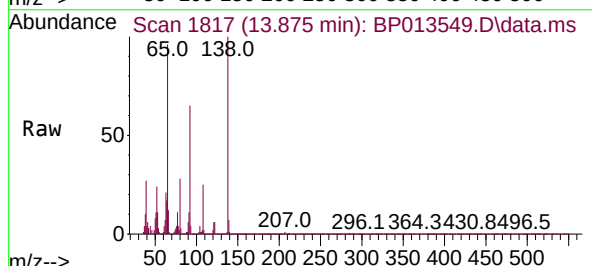
Tgt Ion: 65 Resp: 303548

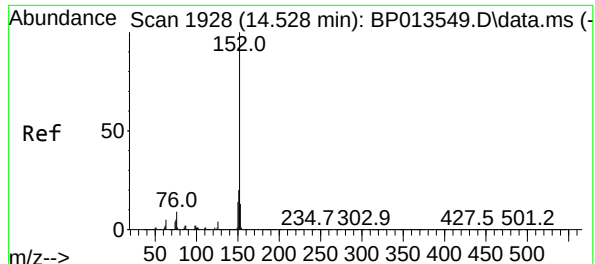
Ion Ratio Lower Upper

65 100

92 67.6 54.1 81.1

138 104.5 83.6 125.4





#49

Acenaphthylene

Concen: 41.434 ng

RT: 14.528 min Scan# 1928

Delta R.T. 0.000 min

Lab File: BP013549.D

Acq: 23 Jan 2023 13:42

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

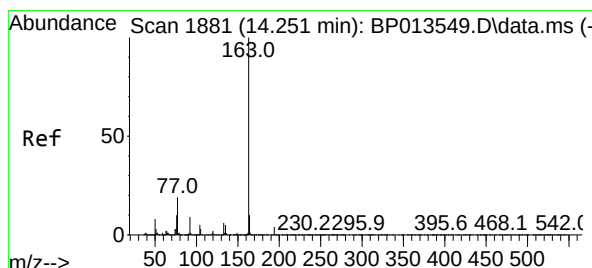
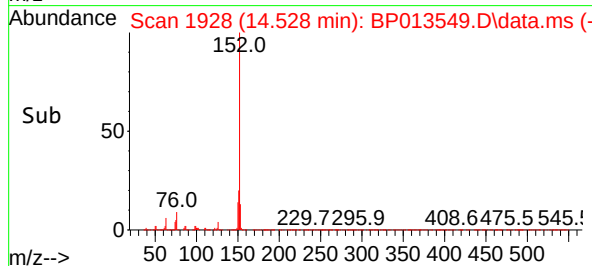
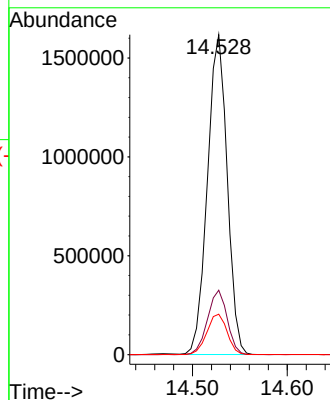
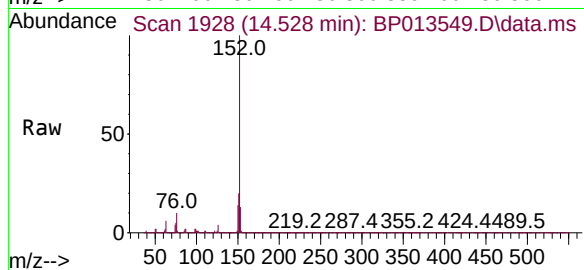
Tgt Ion:152 Resp: 2349294

Ion Ratio Lower Upper

152 100

151 20.1 16.1 24.1

153 12.6 10.1 15.1



#50

Dimethylphthalate

Concen: 40.338 ng

RT: 14.251 min Scan# 1881

Delta R.T. 0.000 min

Lab File: BP013549.D

Acq: 23 Jan 2023 13:42

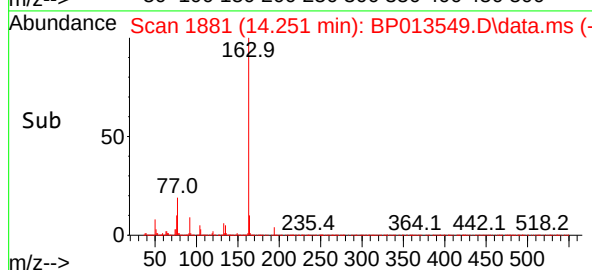
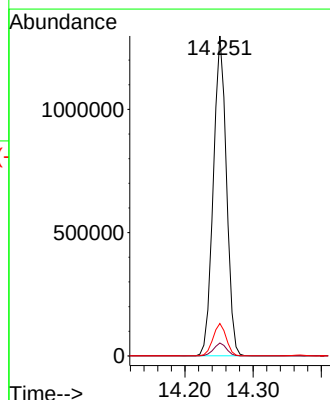
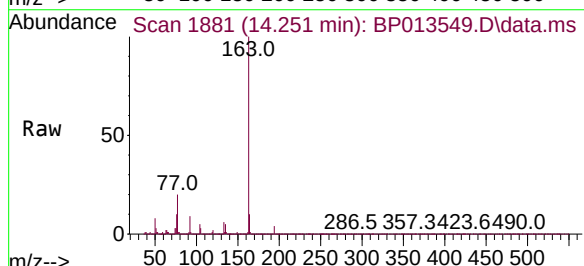
Tgt Ion:163 Resp: 1727890

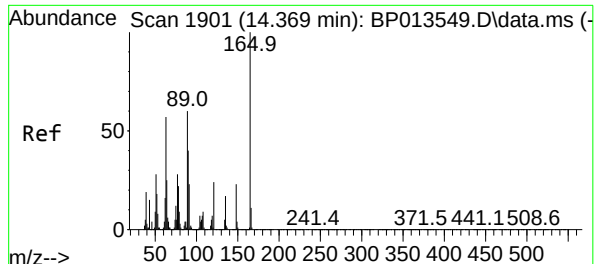
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.1 8.1 12.1

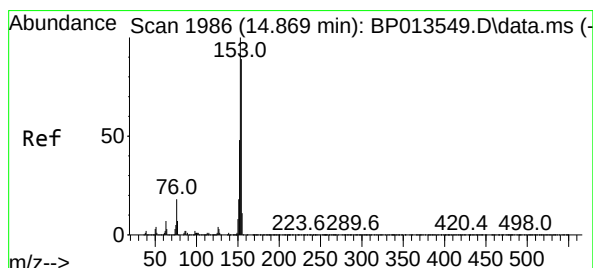
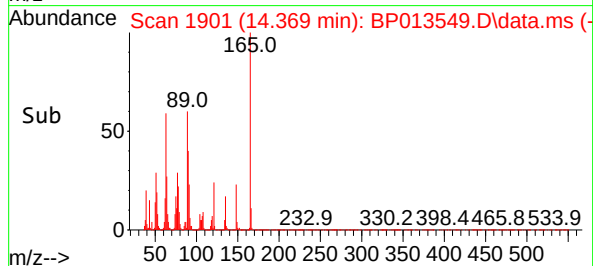
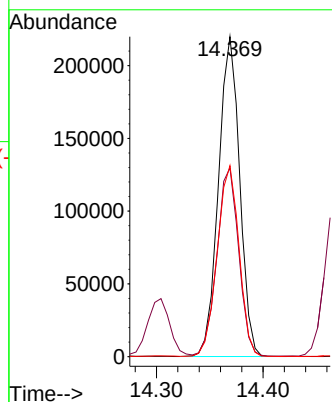
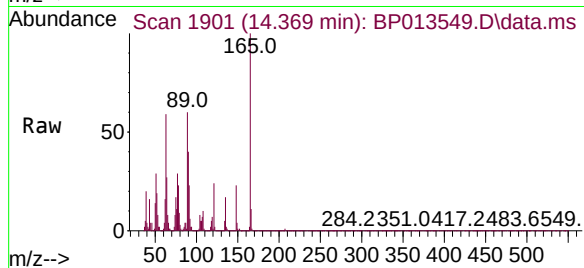




#51
2,6-Dinitrotoluene
Concen: 44.049 ng
RT: 14.369 min Scan# 1901
Delta R.T. 0.000 min
Lab File: BP013549.D
Acq: 23 Jan 2023 13:42

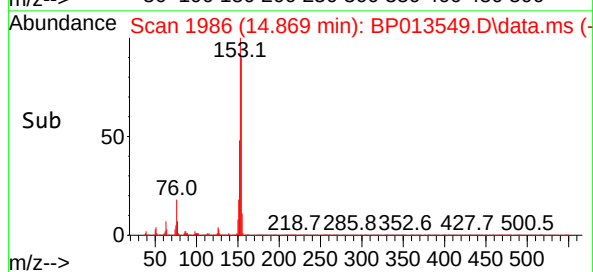
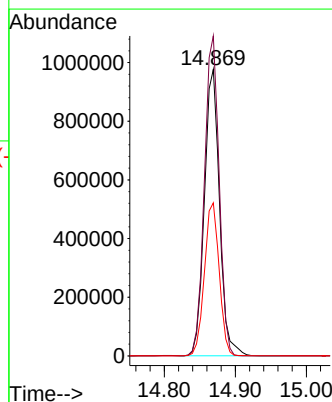
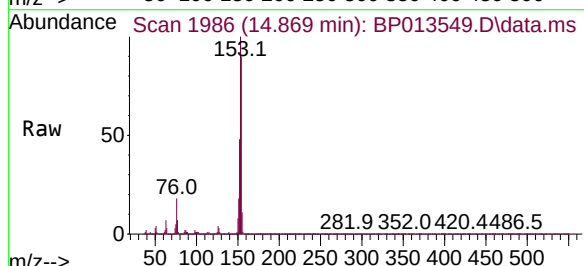
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

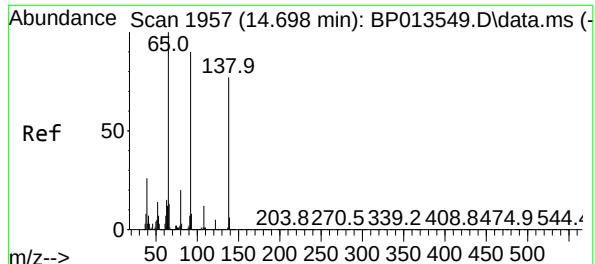
Tgt Ion:165 Resp: 304657
Ion Ratio Lower Upper
165 100
63 59.0 47.2 70.8
89 59.7 47.8 71.6



#52
Acenaphthene
Concen: 41.162 ng
RT: 14.869 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BP013549.D
Acq: 23 Jan 2023 13:42

Tgt Ion:154 Resp: 1441675
Ion Ratio Lower Upper
154 100
153 111.7 89.4 134.0
152 53.4 42.7 64.1

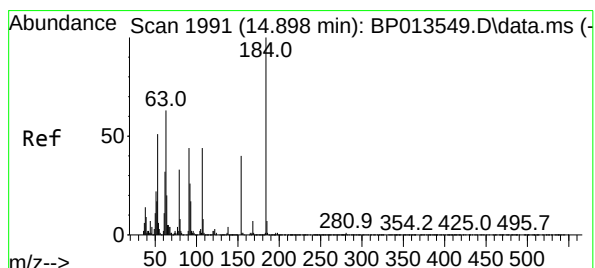
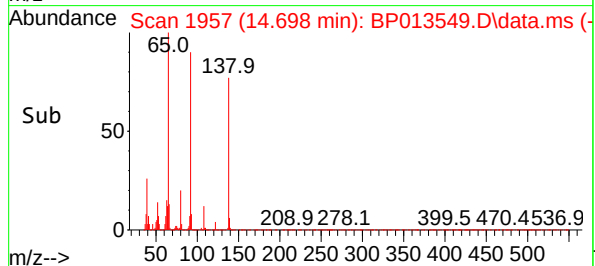
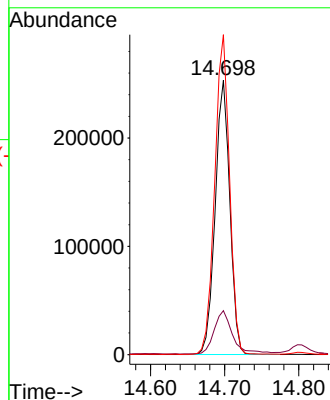
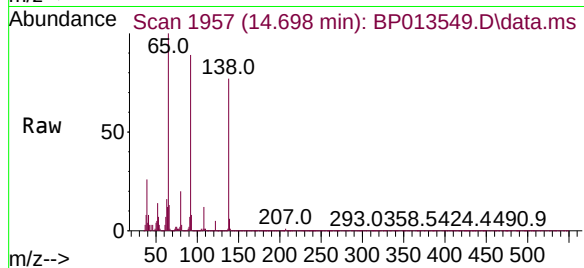




#53
3-Nitroaniline
Concen: 43.815 ng
RT: 14.698 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BP013549.D
Acq: 23 Jan 2023 13:42

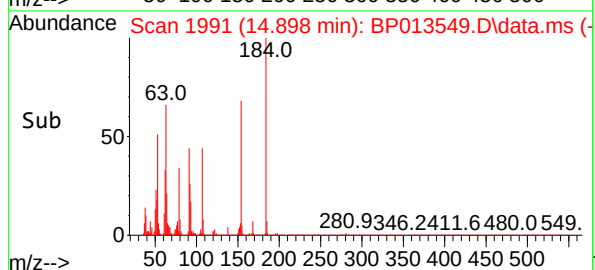
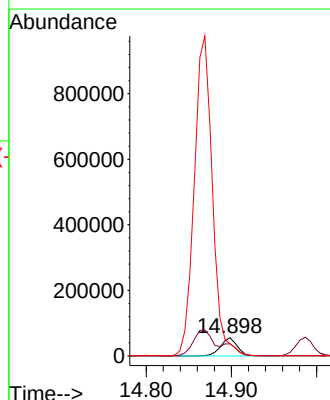
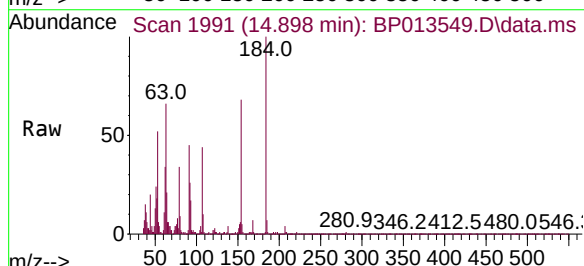
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

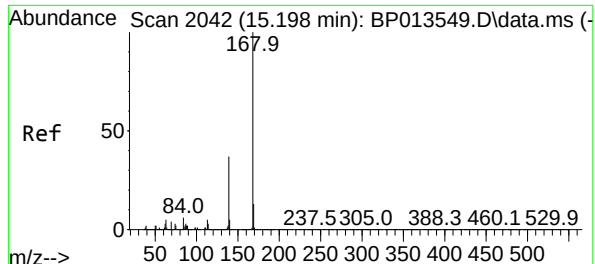
Tgt Ion:138 Resp: 347445
Ion Ratio Lower Upper
138 100
108 16.0 12.8 19.2
92 116.6 93.3 139.9



#54
2,4-Dinitrophenol
Concen: 35.316 ng
RT: 14.898 min Scan# 1991
Delta R.T. 0.000 min
Lab File: BP013549.D
Acq: 23 Jan 2023 13:42

Tgt Ion:184 Resp: 74434
Ion Ratio Lower Upper
184 100
63 66.5 53.2 79.8
154 68.0 54.4 81.6





#55

Dibenzofuran

Concen: 40.806 ng

RT: 15.198 min Scan# 2042

Delta R.T. 0.000 min

Lab File: BP013549.D

Acq: 23 Jan 2023 13:42

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

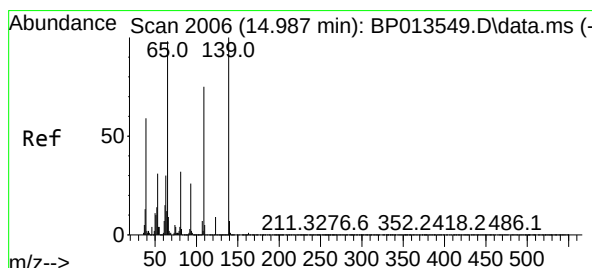
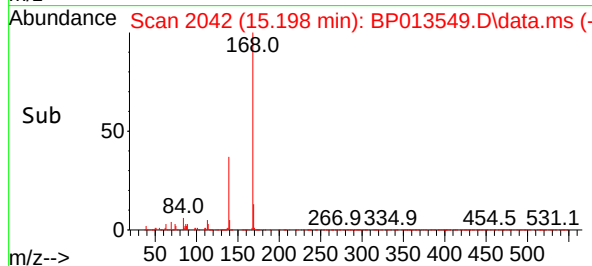
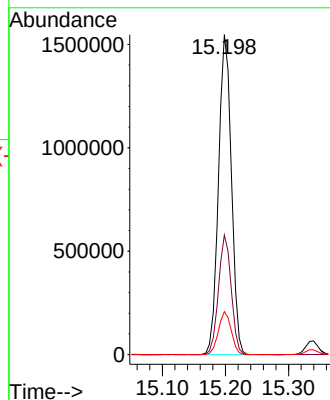
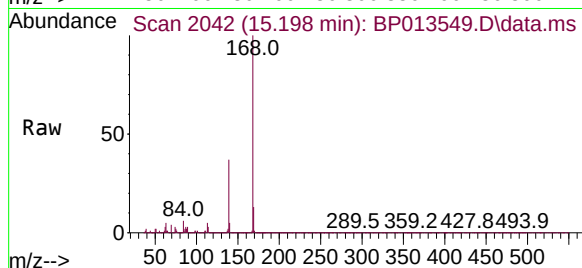
Tgt Ion:168 Resp: 2191547

Ion Ratio Lower Upper

168 100

139 37.4 29.9 44.9

169 13.4 10.7 16.1



#56

4-Nitrophenol

Concen: 40.786 ng

RT: 14.987 min Scan# 2006

Delta R.T. 0.000 min

Lab File: BP013549.D

Acq: 23 Jan 2023 13:42

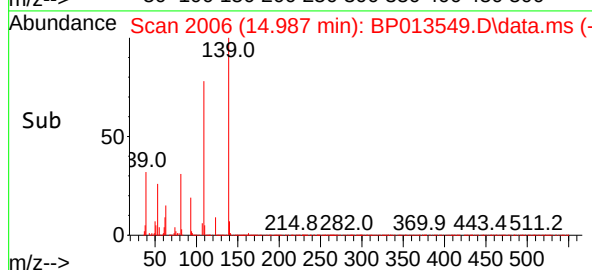
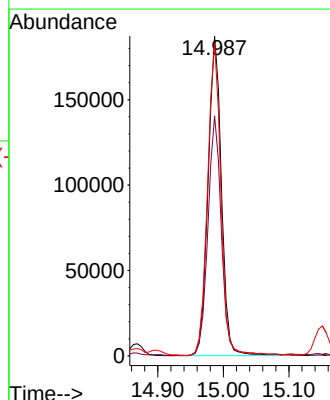
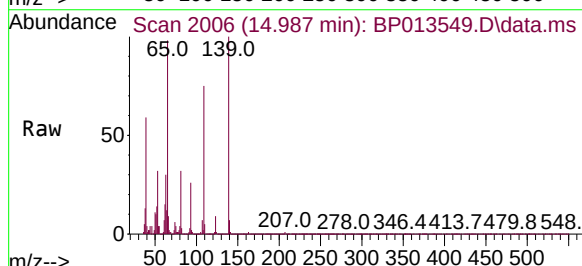
Tgt Ion:139 Resp: 263829

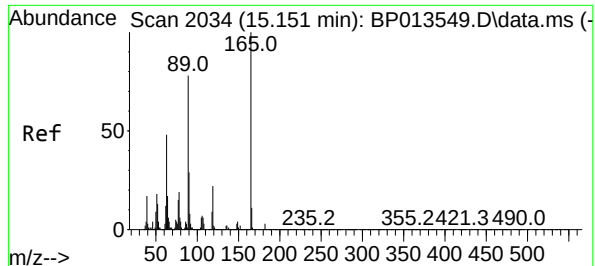
Ion Ratio Lower Upper

139 100

109 75.0 55.0 95.0

65 97.7 77.7 117.7

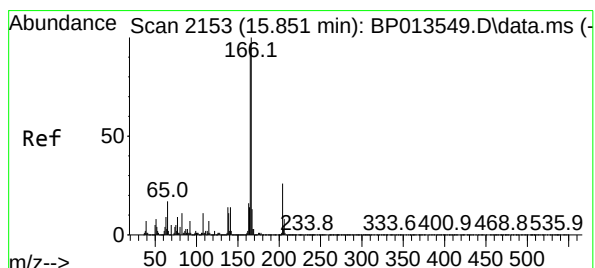
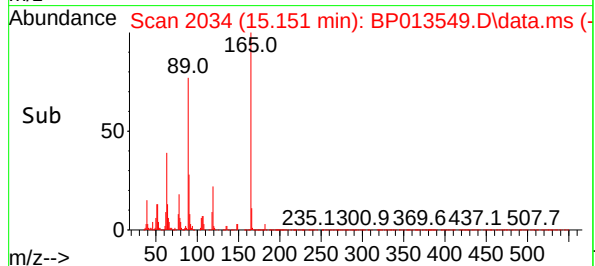
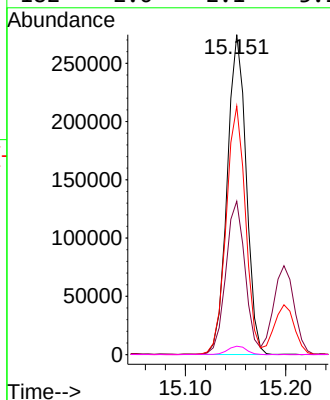
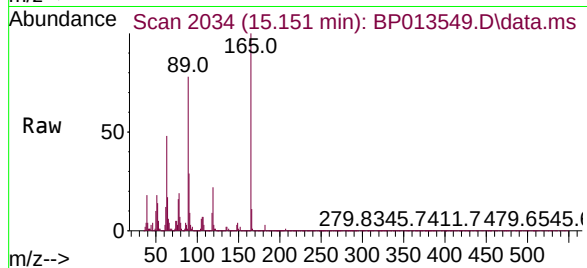




#57
2,4-Dinitrotoluene
Concen: 43.369 ng
RT: 15.151 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BP013549.D
Acq: 23 Jan 2023 13:42

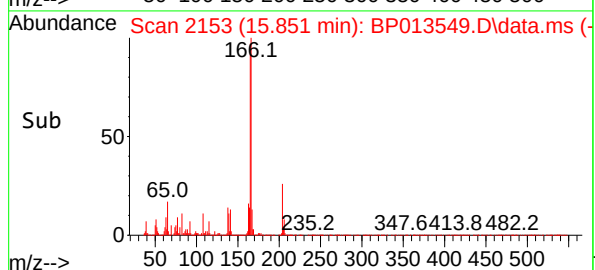
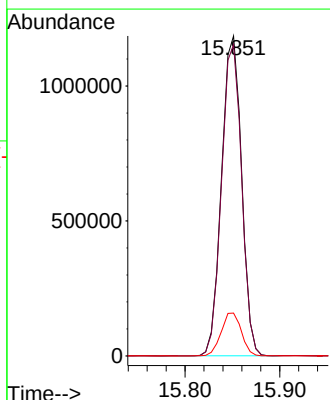
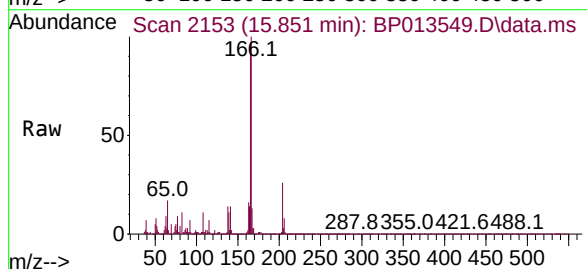
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

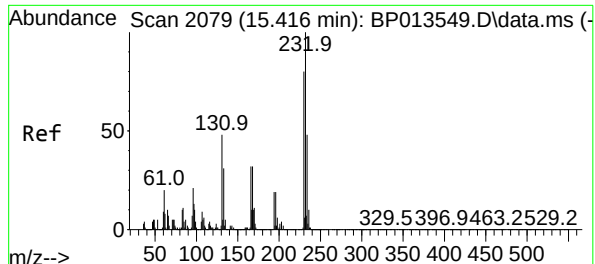
Tgt Ion:165 Resp: 360630
Ion Ratio Lower Upper
165 100
63 47.9 38.3 57.5
89 77.6 62.1 93.1
182 2.6 2.1 3.1



#58
Fluorene
Concen: 40.752 ng
RT: 15.851 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BP013549.D
Acq: 23 Jan 2023 13:42

Tgt Ion:166 Resp: 1739565
Ion Ratio Lower Upper
166 100
165 97.3 77.8 116.8
167 13.4 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.224 ng

RT: 15.416 min Scan# 2079

Delta R.T. 0.000 min

Lab File: BP013549.D

Acq: 23 Jan 2023 13:42

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:232 Resp: 388377

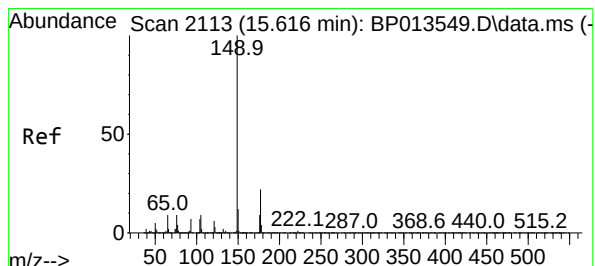
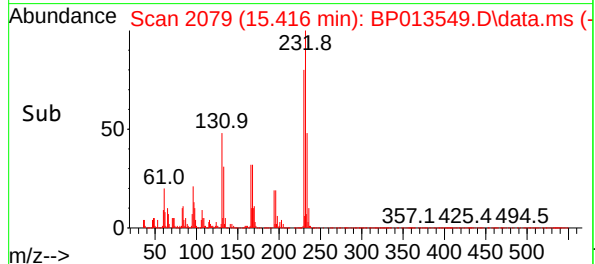
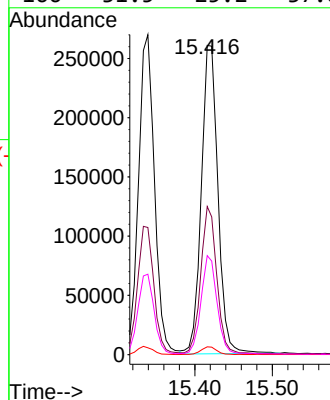
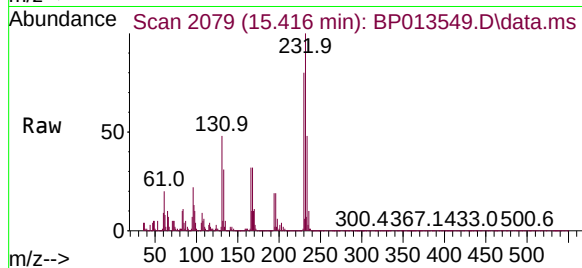
Ion Ratio Lower Upper

232 100

131 46.4 37.1 55.7

130 2.4 1.9 2.9

166 31.5 25.2 37.8



#60

Diethylphthalate

Concen: 39.941 ng

RT: 15.616 min Scan# 2113

Delta R.T. 0.000 min

Lab File: BP013549.D

Acq: 23 Jan 2023 13:42

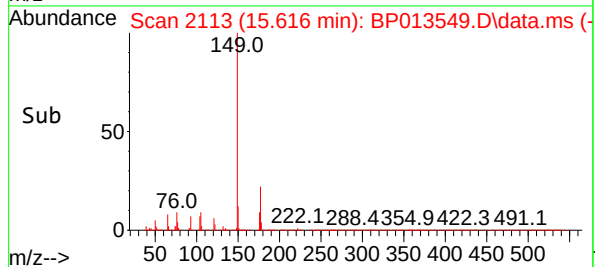
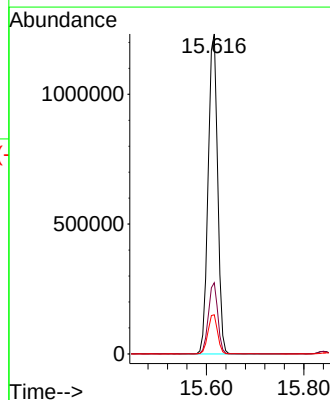
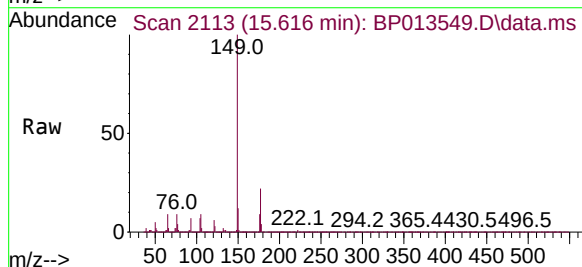
Tgt Ion:149 Resp: 1670982

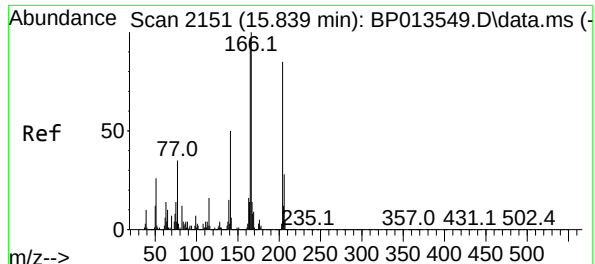
Ion Ratio Lower Upper

149 100

177 22.2 17.8 26.6

150 12.2 9.8 14.6

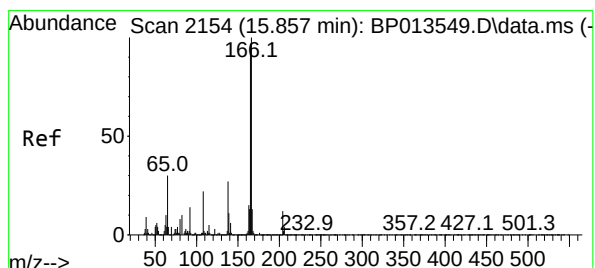
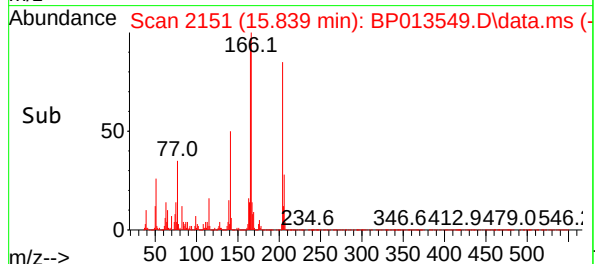
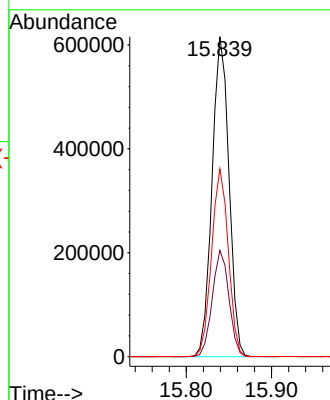
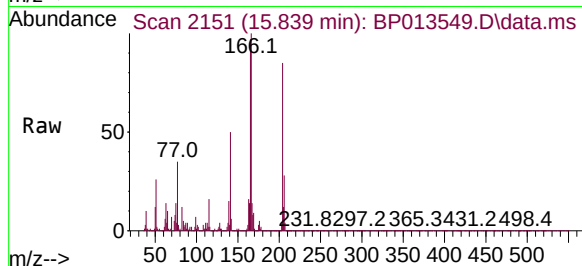




#61
4-Chlorophenyl-phenylether
Concen: 40.406 ng
RT: 15.839 min Scan# 2151
Delta R.T. 0.000 min
Lab File: BP013549.D
Acq: 23 Jan 2023 13:42

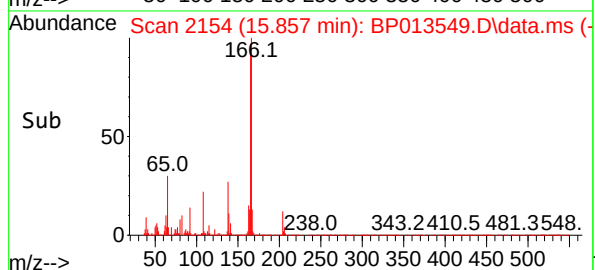
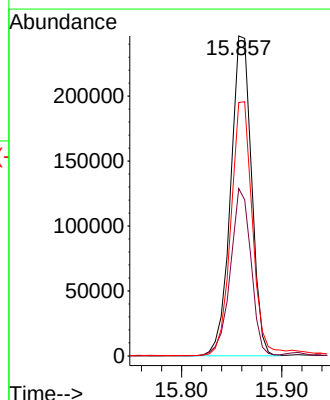
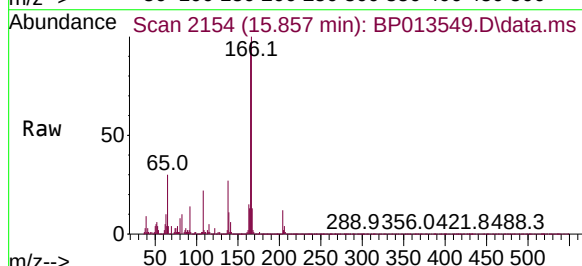
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

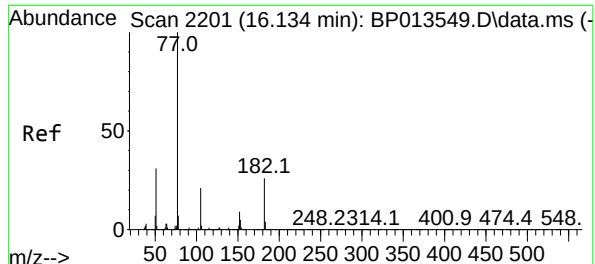
Tgt Ion:204 Resp: 848108
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 58.7 47.0 70.4



#62
4-Nitroaniline
Concen: 44.253 ng
RT: 15.857 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BP013549.D
Acq: 23 Jan 2023 13:42

Tgt Ion:138 Resp: 358025
Ion Ratio Lower Upper
138 100
92 52.3 32.3 72.3
108 79.2 59.2 99.2

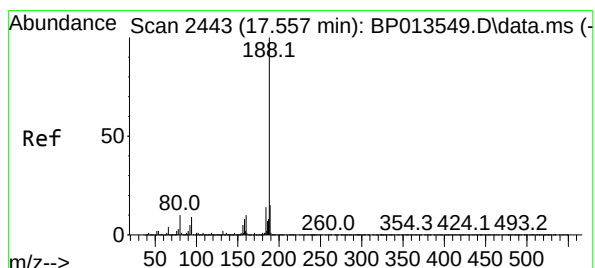
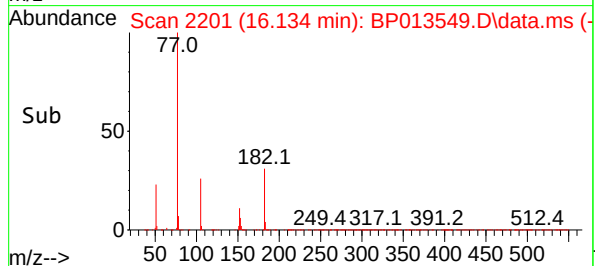
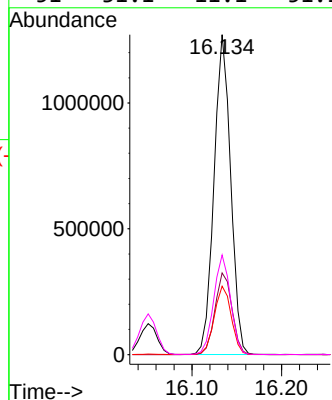
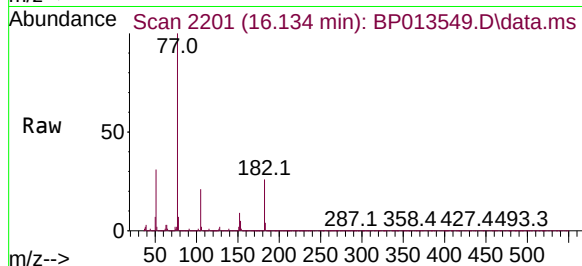




#63
Azobenzene
Concen: 40.260 ng
RT: 16.134 min Scan# 2201
Delta R.T. 0.000 min
Lab File: BP013549.D
Acq: 23 Jan 2023 13:42

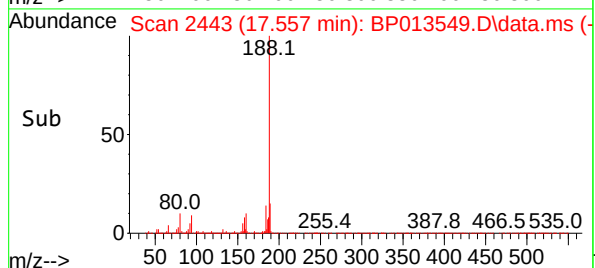
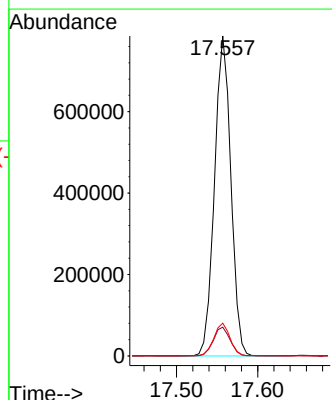
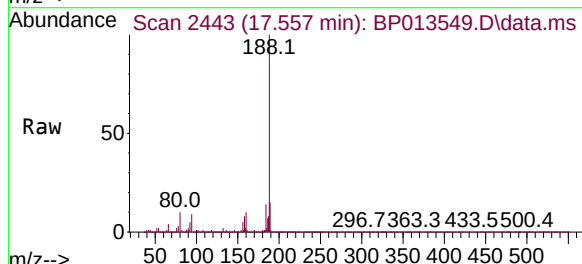
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

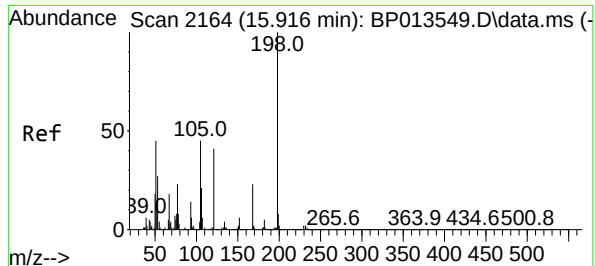
Tgt Ion: 77 Resp: 1636697
Ion Ratio Lower Upper
77 100
182 25.5 5.5 45.5
105 21.4 1.4 41.4
51 31.1 11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.557 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BP013549.D
Acq: 23 Jan 2023 13:42

Tgt Ion: 188 Resp: 1099756
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 10.2 8.2 12.2

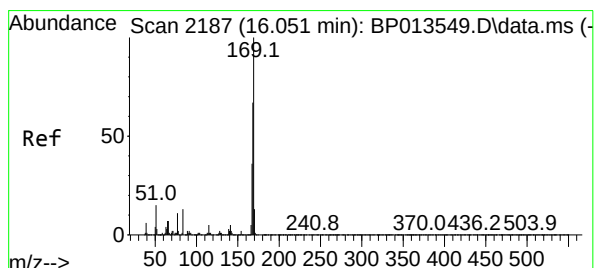
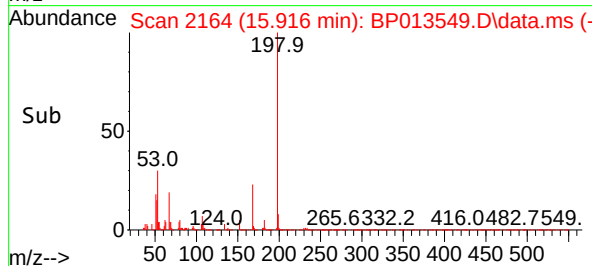
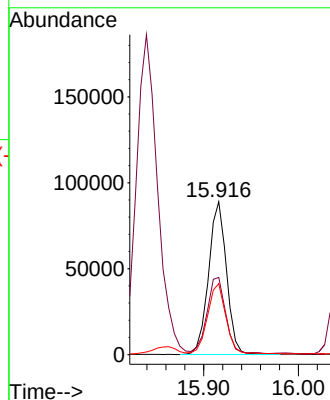
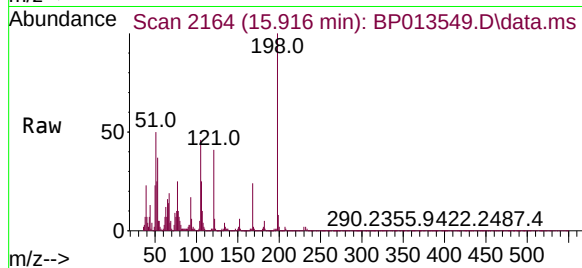




#65
4,6-Dinitro-2-methylphenol
Concen: 36.827 ng
RT: 15.916 min Scan# 2164
Delta R.T. 0.000 min
Lab File: BP013549.D
Acq: 23 Jan 2023 13:42

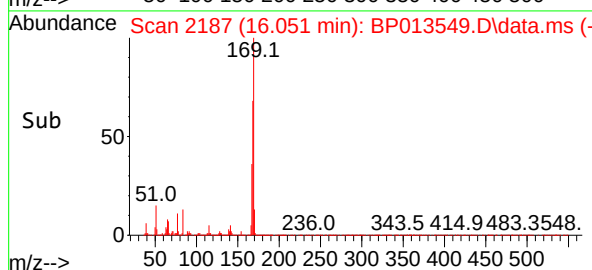
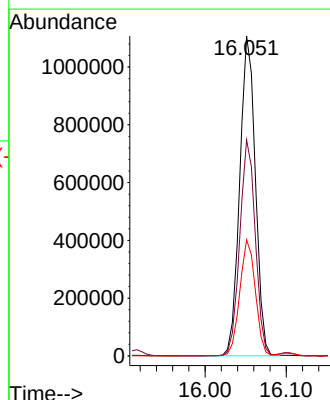
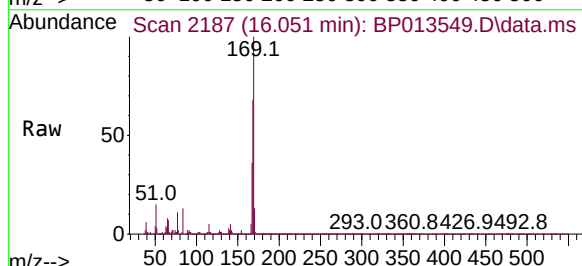
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

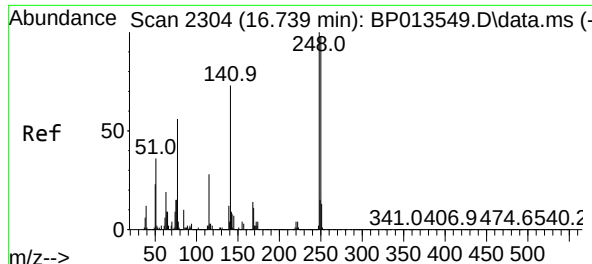
Tgt Ion:198 Resp: 117049
Ion Ratio Lower Upper
198 100
51 50.4 30.4 70.4
105 46.4 26.4 66.4



#66
n-Nitrosodiphenylamine
Concen: 41.419 ng
RT: 16.051 min Scan# 2187
Delta R.T. 0.000 min
Lab File: BP013549.D
Acq: 23 Jan 2023 13:42

Tgt Ion:169 Resp: 1485470
Ion Ratio Lower Upper
169 100
168 67.5 54.0 81.0
167 36.3 29.0 43.6

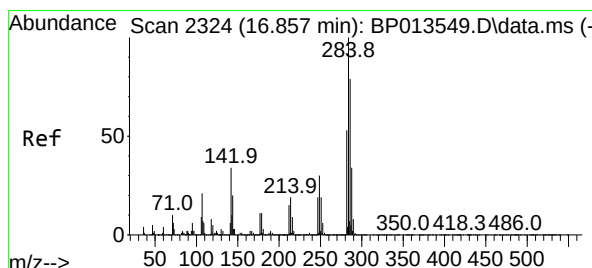
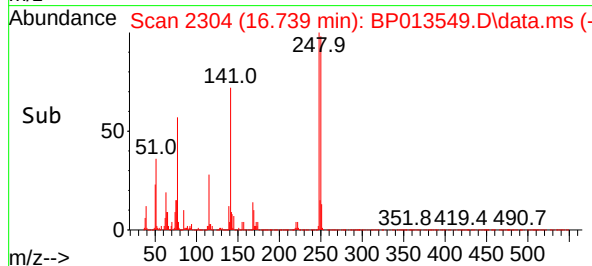
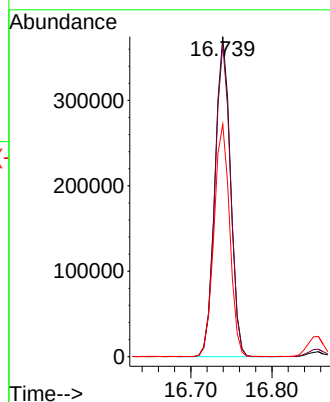
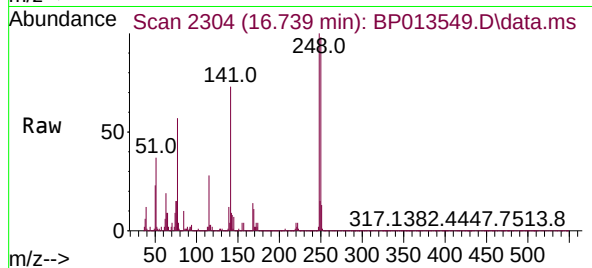




#67
4-Bromophenyl-phenylether
Concen: 40.860 ng
RT: 16.739 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BP013549.D
Acq: 23 Jan 2023 13:42

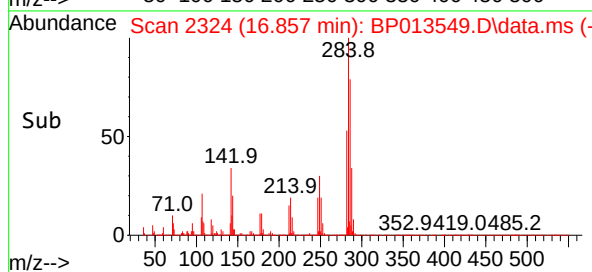
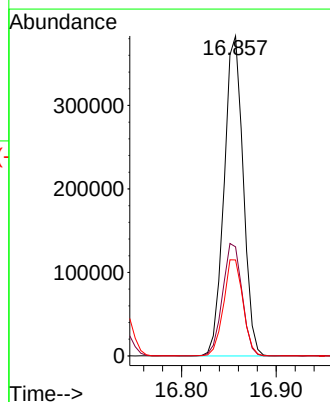
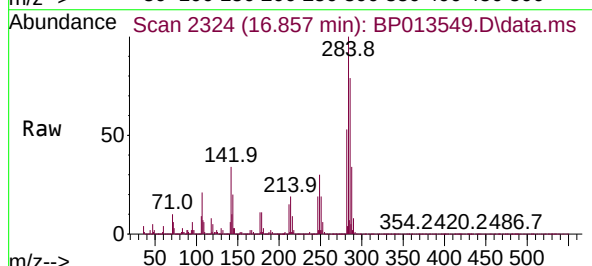
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

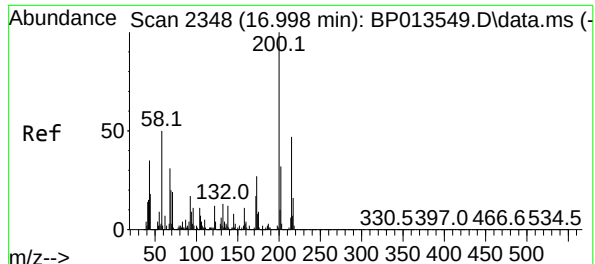
Tgt Ion:248 Resp: 497757
Ion Ratio Lower Upper
248 100
250 97.6 78.1 117.1
141 72.6 58.1 87.1



#68
Hexachlorobenzene
Concen: 40.619 ng
RT: 16.857 min Scan# 2324
Delta R.T. 0.000 min
Lab File: BP013549.D
Acq: 23 Jan 2023 13:42

Tgt Ion:284 Resp: 534487
Ion Ratio Lower Upper
284 100
142 34.1 27.3 40.9
249 30.0 24.0 36.0

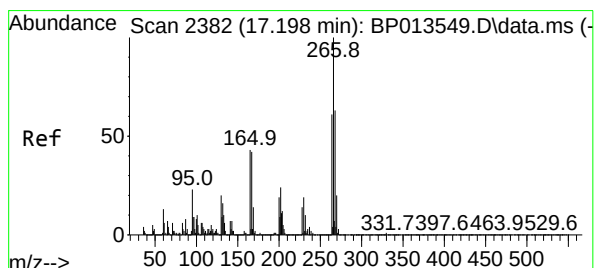
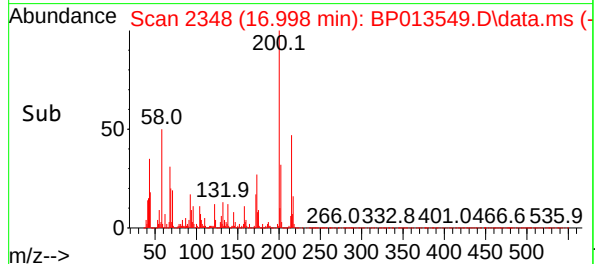
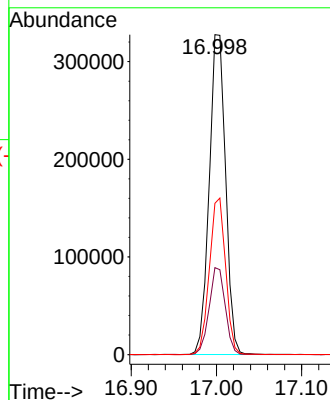
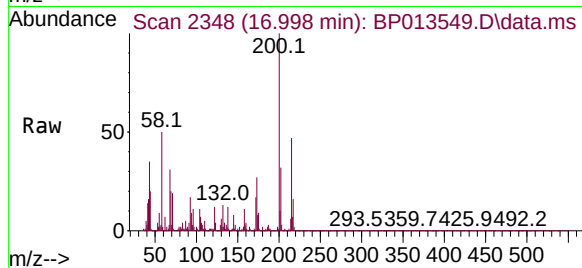




#69
Atrazine
Concen: 42.607 ng
RT: 16.998 min Scan# 2348
Delta R.T. 0.000 min
Lab File: BP013549.D
Acq: 23 Jan 2023 13:42

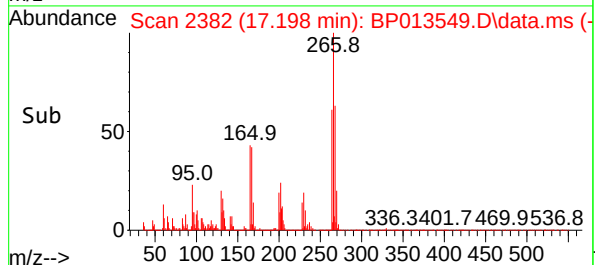
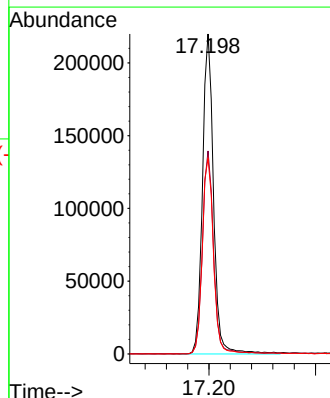
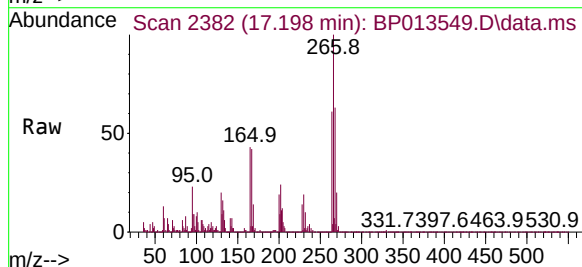
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

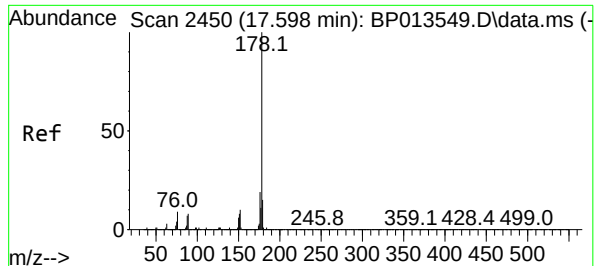
Tgt Ion:200 Resp: 437218
Ion Ratio Lower Upper
200 100
173 27.2 7.2 47.2
215 47.3 27.3 67.3



#70
Pentachlorophenol
Concen: 41.008 ng
RT: 17.198 min Scan# 2382
Delta R.T. 0.000 min
Lab File: BP013549.D
Acq: 23 Jan 2023 13:42

Tgt Ion:266 Resp: 314263
Ion Ratio Lower Upper
266 100
268 63.4 50.7 76.1
264 61.1 48.9 73.3

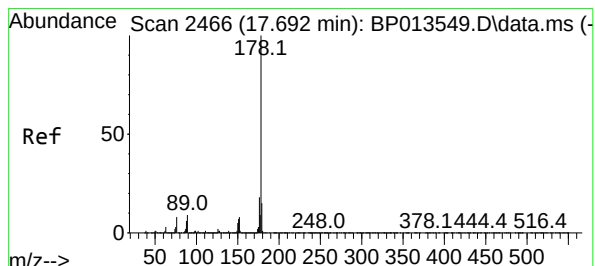
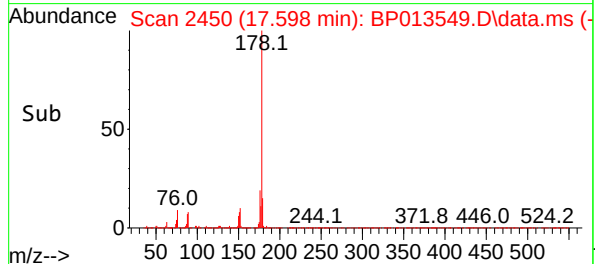
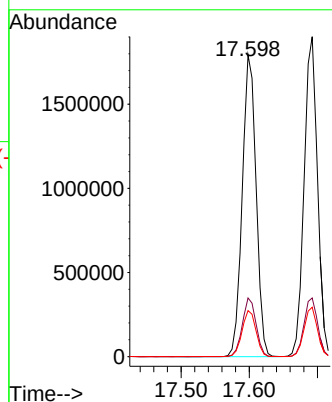
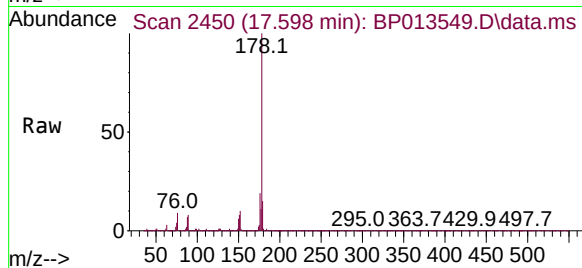




#71
Phenanthrene
Concen: 41.362 ng
RT: 17.598 min Scan# 2450
Delta R.T. 0.000 min
Lab File: BP013549.D
Acq: 23 Jan 2023 13:42

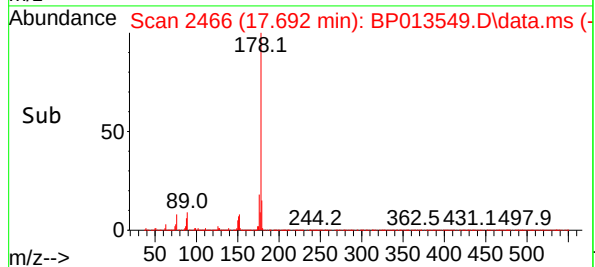
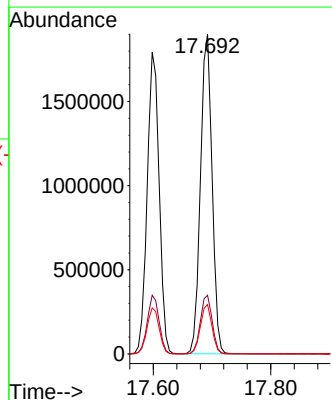
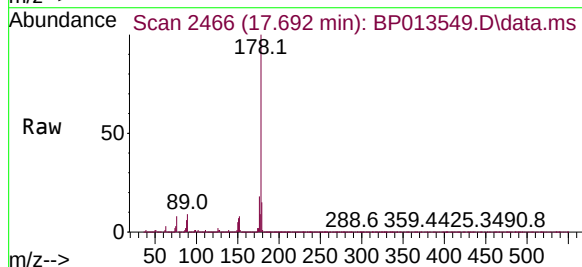
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

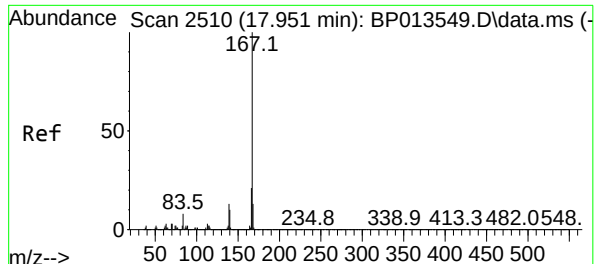
Tgt Ion:178 Resp: 2530902
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.3 12.2 18.4



#72
Anthracene
Concen: 41.843 ng
RT: 17.692 min Scan# 2466
Delta R.T. 0.000 min
Lab File: BP013549.D
Acq: 23 Jan 2023 13:42

Tgt Ion:178 Resp: 2598557
Ion Ratio Lower Upper
178 100
176 18.3 14.6 22.0
179 15.4 12.3 18.5

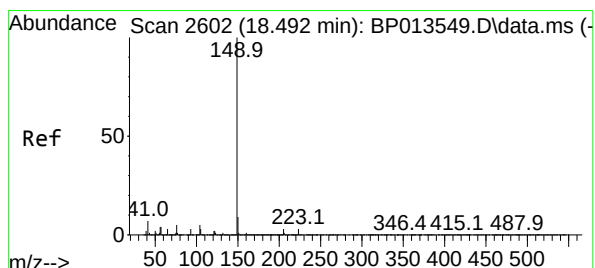
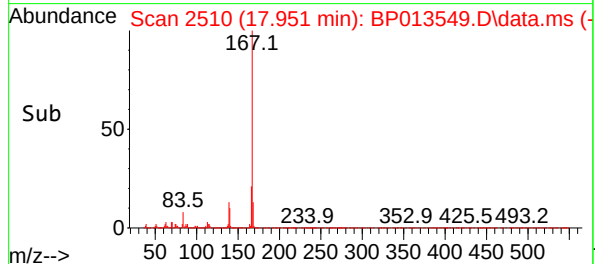
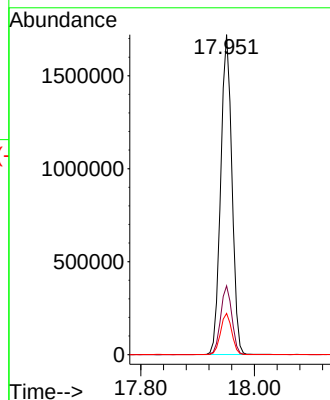
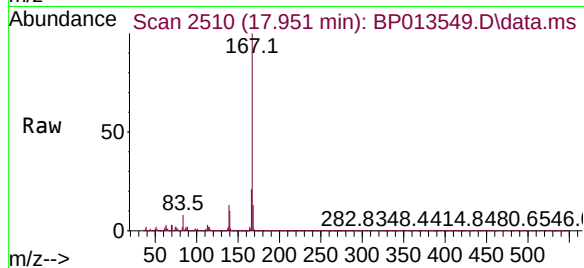




#73
Carbazole
Concen: 42.026 ng
RT: 17.951 min Scan# 2510
Delta R.T. 0.000 min
Lab File: BP013549.D
Acq: 23 Jan 2023 13:42

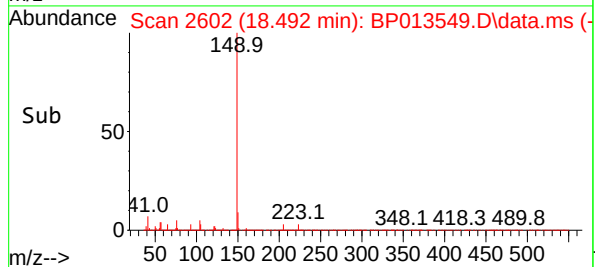
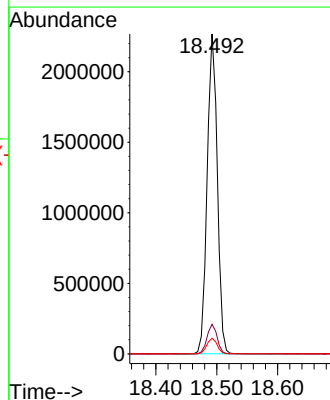
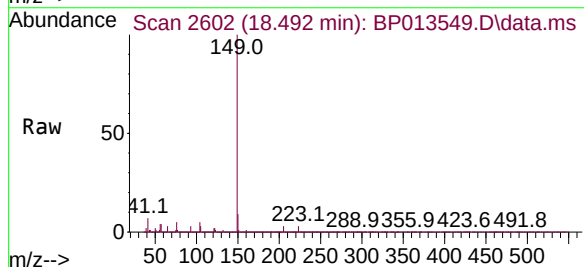
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

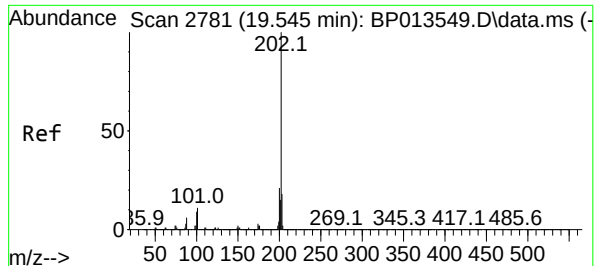
Tgt Ion:167 Resp: 2345474
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 12.9 10.3 15.5



#74
Di-n-butylphthalate
Concen: 42.002 ng
RT: 18.492 min Scan# 2602
Delta R.T. 0.000 min
Lab File: BP013549.D
Acq: 23 Jan 2023 13:42

Tgt Ion:149 Resp: 2608944
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 4.9 3.9 5.9

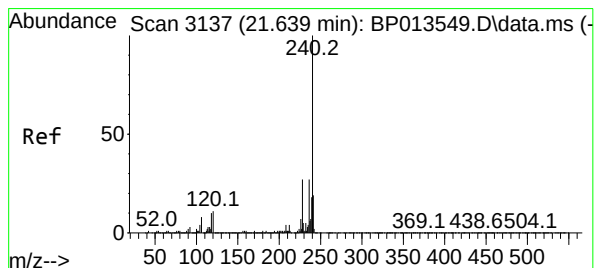
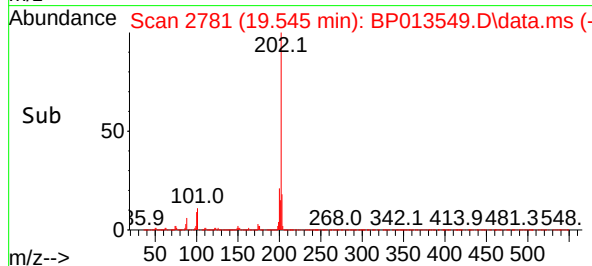
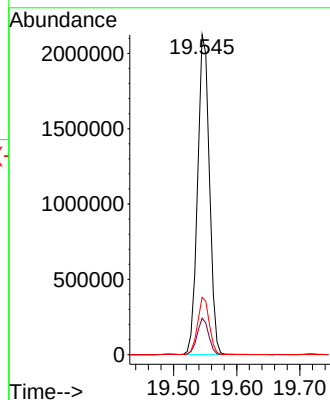
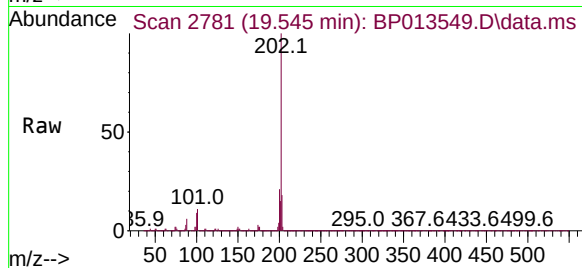




#75
Fluoranthene
Concen: 42.428 ng
RT: 19.545 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP013549.D
Acq: 23 Jan 2023 13:42

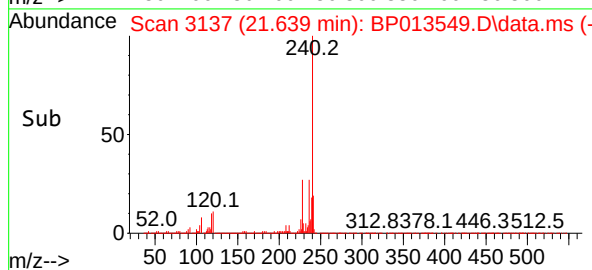
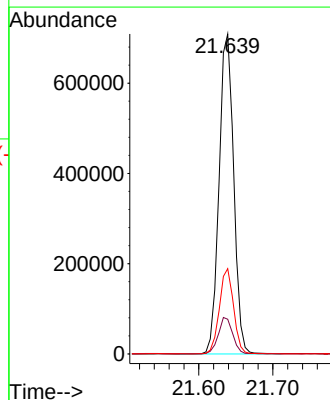
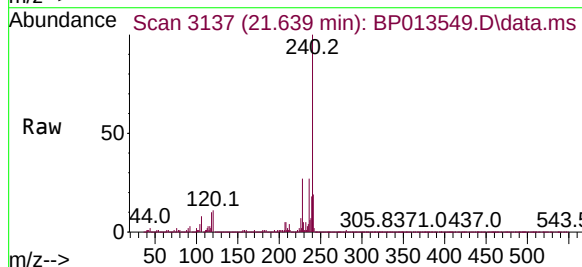
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

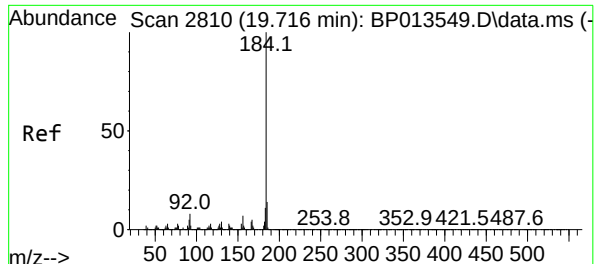
Tgt Ion:202 Resp: 2760809
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.4
203 17.9 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.639 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BP013549.D
Acq: 23 Jan 2023 13:42

Tgt Ion:240 Resp: 969658
Ion Ratio Lower Upper
240 100
120 10.8 8.6 13.0
236 26.6 21.3 31.9

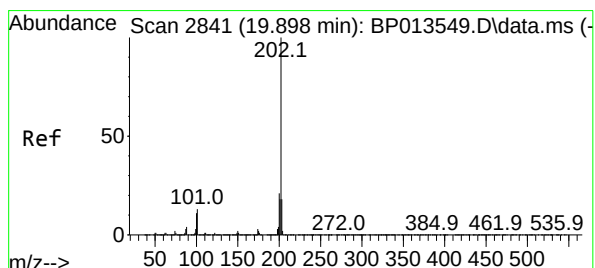
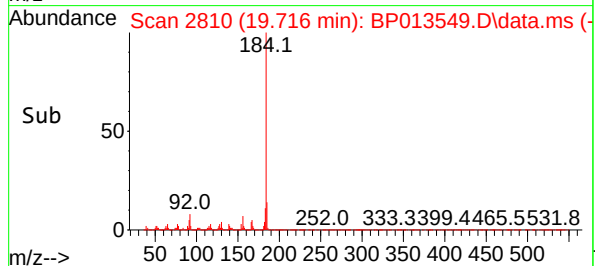
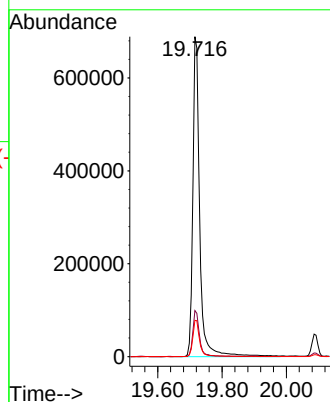
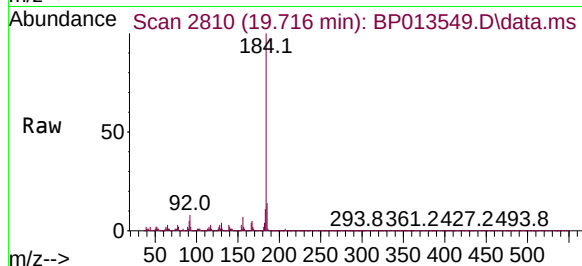




#77
Benzidine
Concen: 42.009 ng
RT: 19.716 min Scan# 2810
Delta R.T. 0.000 min
Lab File: BP013549.D
Acq: 23 Jan 2023 13:42

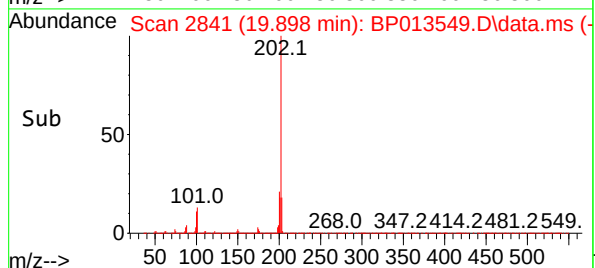
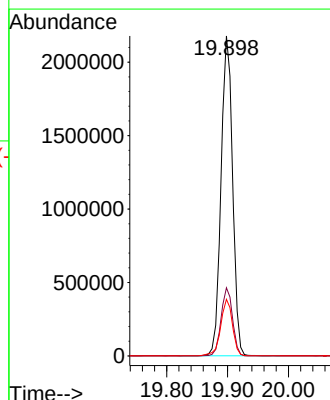
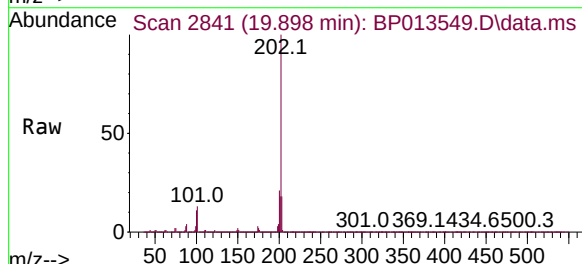
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

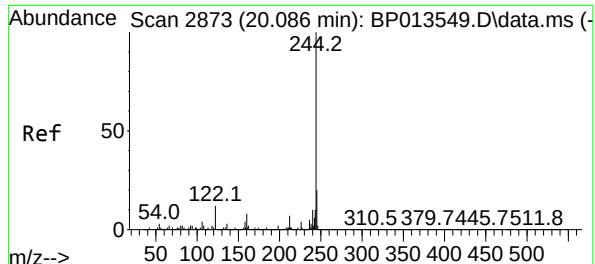
Tgt Ion:184 Resp: 1024493
Ion Ratio Lower Upper
184 100
185 14.4 11.5 17.3
183 11.3 9.0 13.6



#78
Pyrene
Concen: 38.756 ng
RT: 19.898 min Scan# 2841
Delta R.T. 0.000 min
Lab File: BP013549.D
Acq: 23 Jan 2023 13:42

Tgt Ion:202 Resp: 2873475
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.6
203 17.7 14.2 21.2





#79

Terphenyl-d14

Concen: 79.999 ng

RT: 20.086 min Scan# 2873

Delta R.T. 0.000 min

Lab File: BP013549.D

Acq: 23 Jan 2023 13:42

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

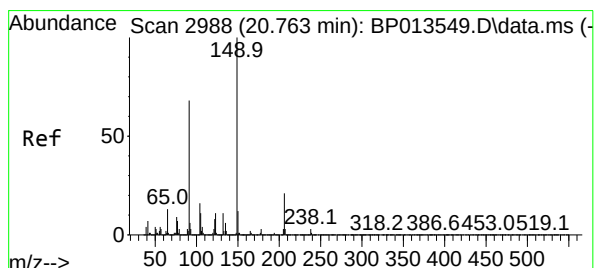
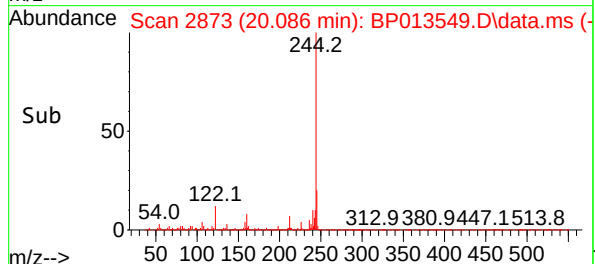
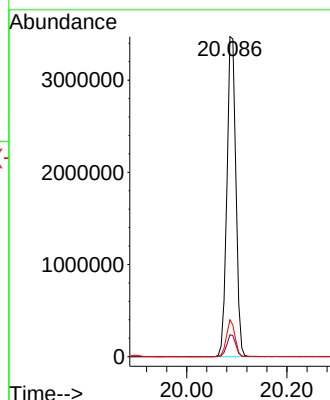
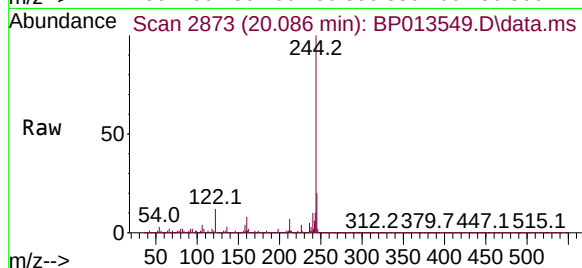
Tgt Ion:244 Resp: 4311910

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 11.5 9.2 13.8



#80

Butylbenzylphthalate

Concen: 41.751 ng

RT: 20.763 min Scan# 2988

Delta R.T. 0.000 min

Lab File: BP013549.D

Acq: 23 Jan 2023 13:42

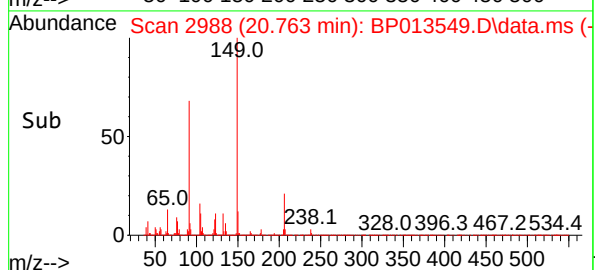
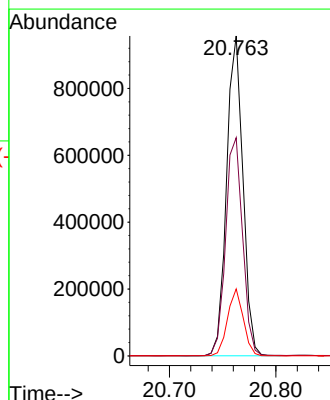
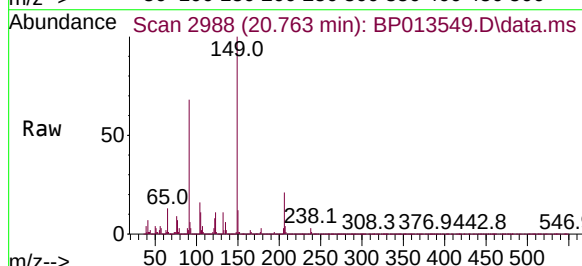
Tgt Ion:149 Resp: 1021435

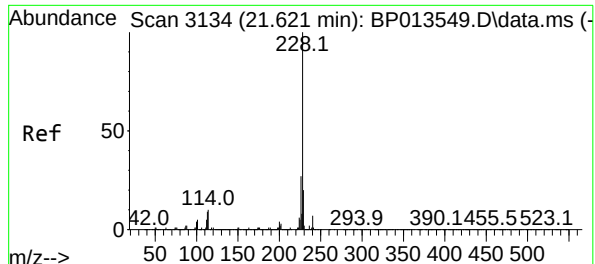
Ion Ratio Lower Upper

149 100

91 68.2 54.6 81.8

206 20.9 16.7 25.1

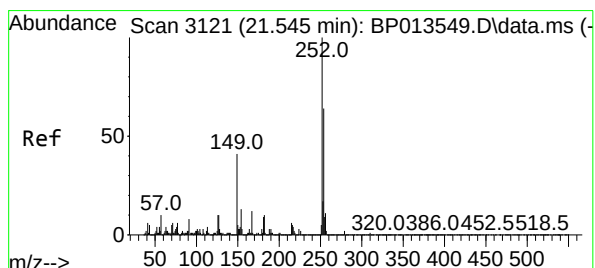
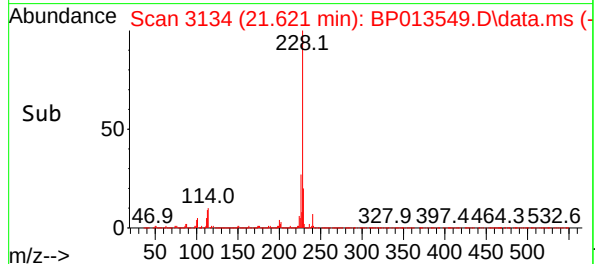
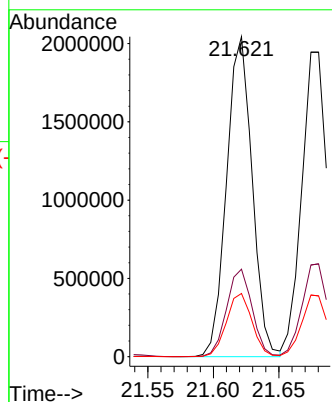
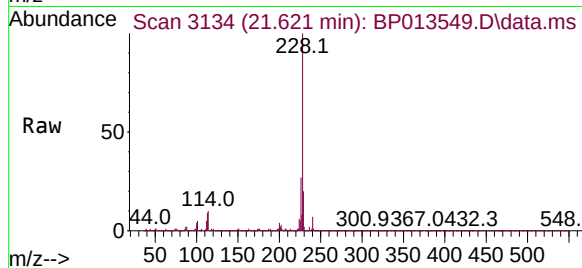




#81
Benzo(a)anthracene
Concen: 41.094 ng
RT: 21.621 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP013549.D
Acq: 23 Jan 2023 13:42

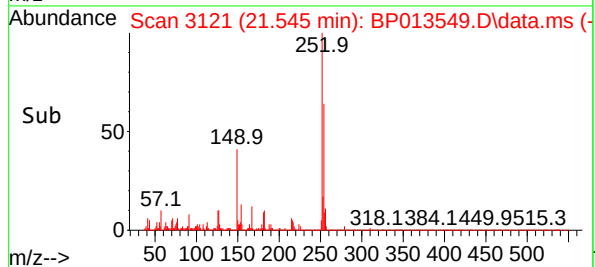
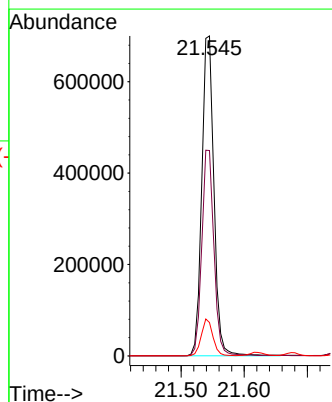
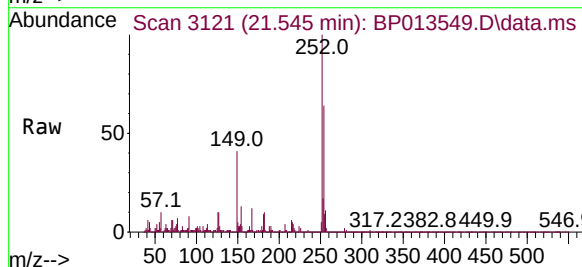
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

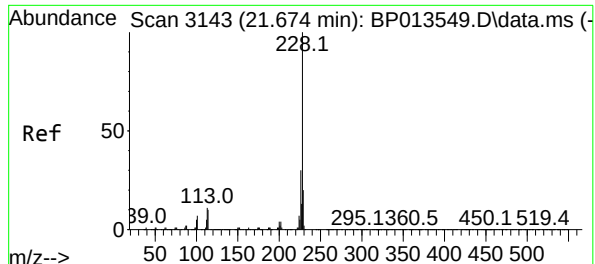
Tgt Ion:228 Resp: 2775984
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 42.918 ng
RT: 21.545 min Scan# 3121
Delta R.T. 0.000 min
Lab File: BP013549.D
Acq: 23 Jan 2023 13:42

Tgt Ion:252 Resp: 934127
Ion Ratio Lower Upper
252 100
254 64.2 51.4 77.0
126 10.4 8.3 12.5





#83

Chrysene

Concen: 41.314 ng

RT: 21.674 min Scan# 3143

Delta R.T. 0.000 min

Lab File: BP013549.D

Acq: 23 Jan 2023 13:42

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

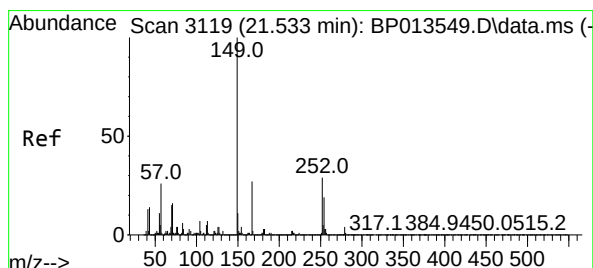
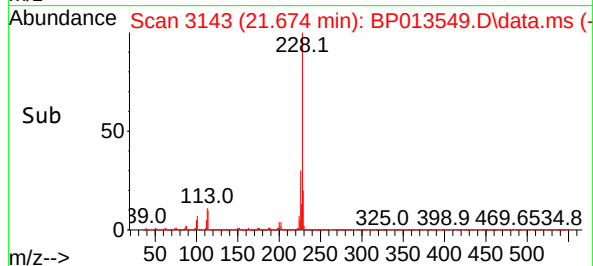
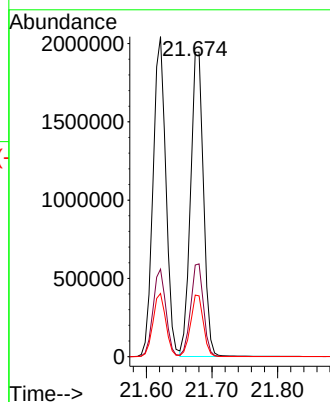
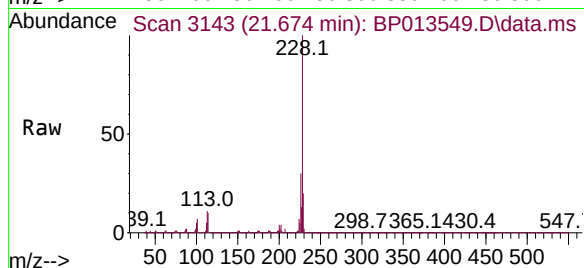
Tgt Ion:228 Resp: 2669312

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

229 20.2 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.772 ng

RT: 21.533 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BP013549.D

Acq: 23 Jan 2023 13:42

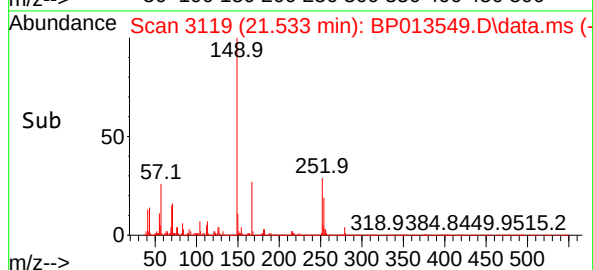
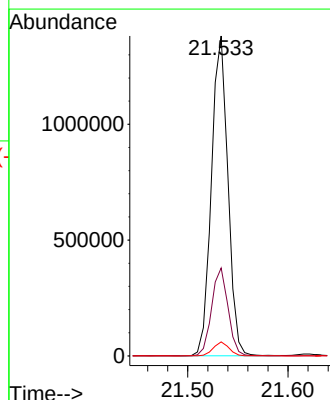
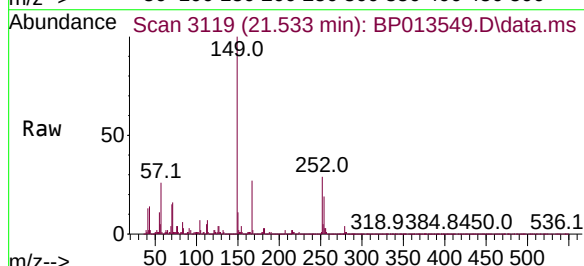
Tgt Ion:149 Resp: 1578132

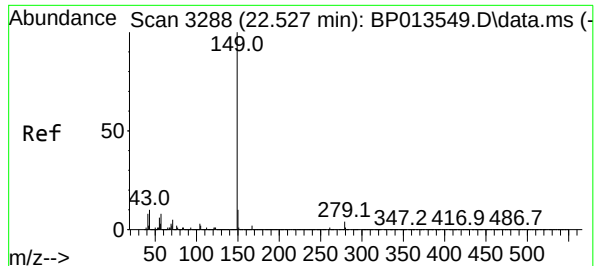
Ion Ratio Lower Upper

149 100

167 27.5 22.0 33.0

279 4.4 3.5 5.3

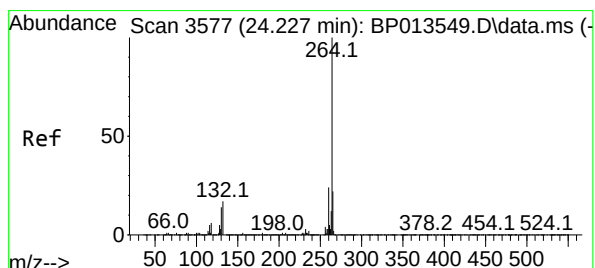
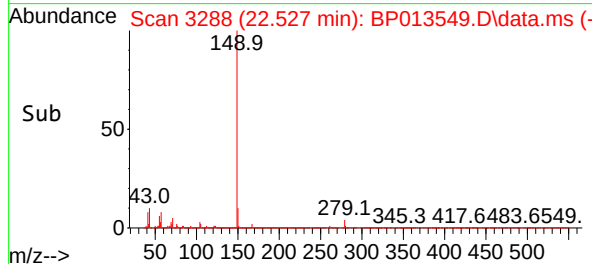
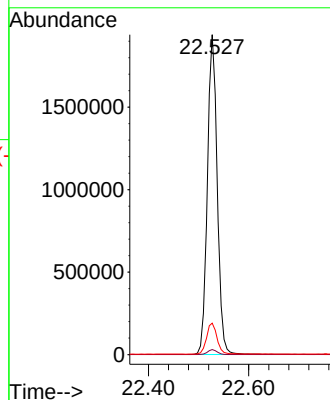
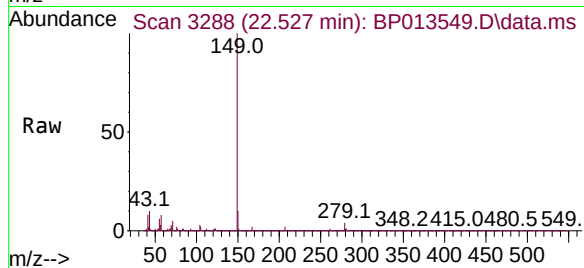




#85
Di-n-octyl phthalate
Concen: 43.351 ng
RT: 22.527 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP013549.D
Acq: 23 Jan 2023 13:42

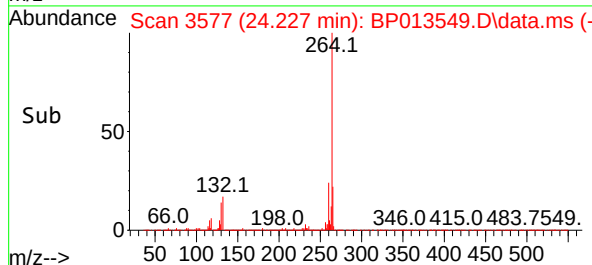
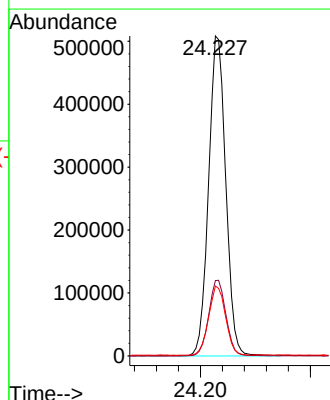
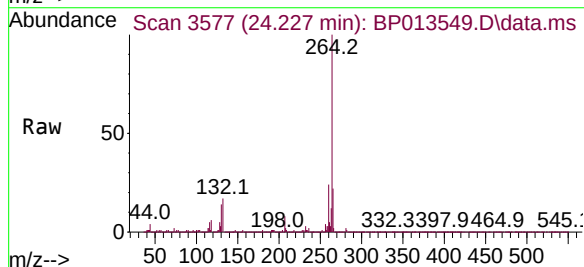
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

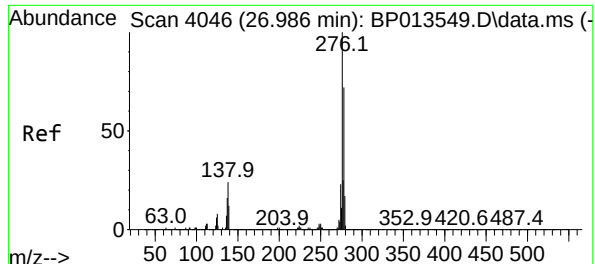
Tgt Ion:149 Resp: 2640501
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.3 8.2 12.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.227 min Scan# 3577
Delta R.T. 0.000 min
Lab File: BP013549.D
Acq: 23 Jan 2023 13:42

Tgt Ion:264 Resp: 1100448
Ion Ratio Lower Upper
264 100
260 23.5 18.8 28.2
265 21.8 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.139 ng

RT: 26.986 min Scan# 4046

Delta R.T. 0.000 min

Lab File: BP013549.D

Acq: 23 Jan 2023 13:42

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

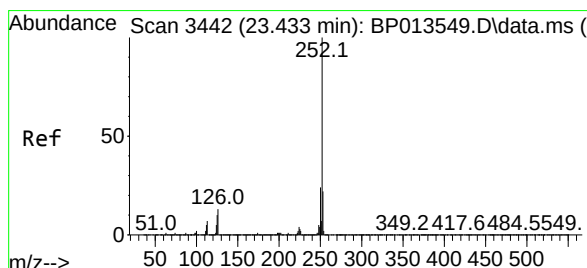
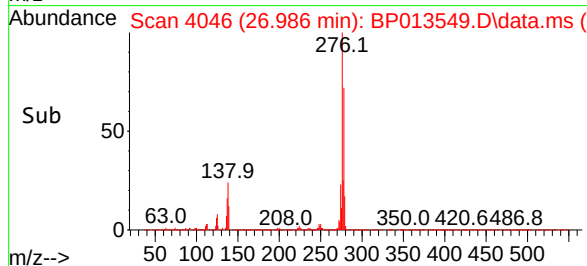
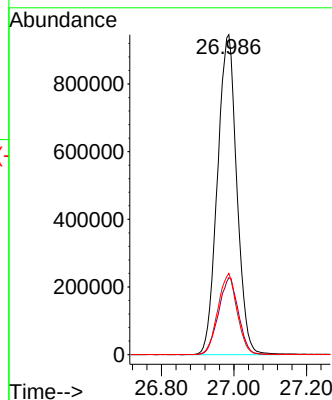
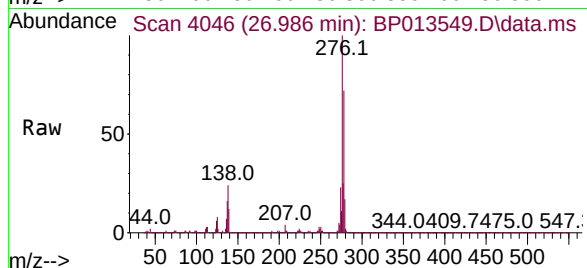
Tgt Ion:276 Resp: 3496727

Ion Ratio Lower Upper

276 100

138 24.7 19.8 29.6

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 41.229 ng

RT: 23.433 min Scan# 3442

Delta R.T. 0.000 min

Lab File: BP013549.D

Acq: 23 Jan 2023 13:42

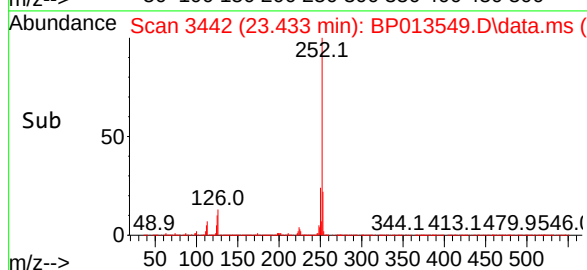
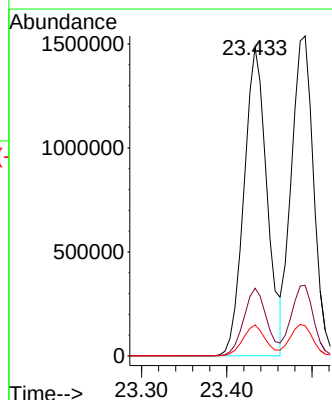
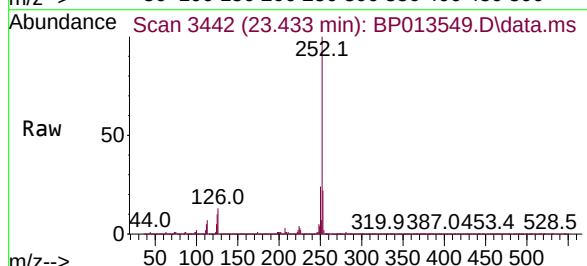
Tgt Ion:252 Resp: 2791072

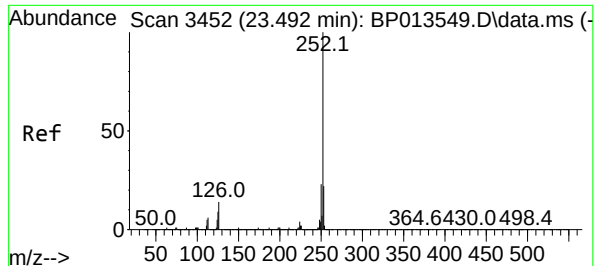
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 10.0 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 40.264 ng

RT: 23.492 min Scan# 3452

Delta R.T. 0.000 min

Lab File: BP013549.D

Acq: 23 Jan 2023 13:42

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

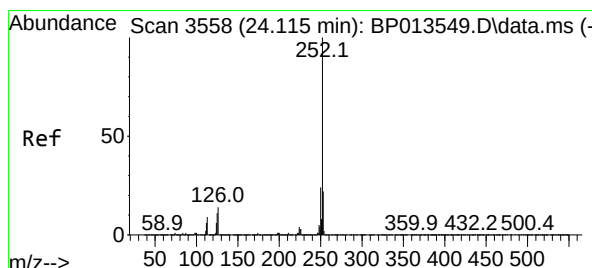
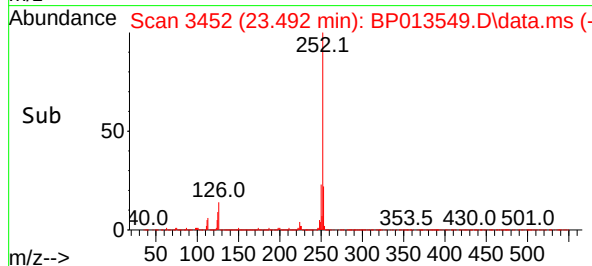
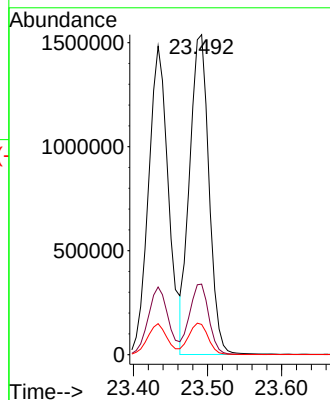
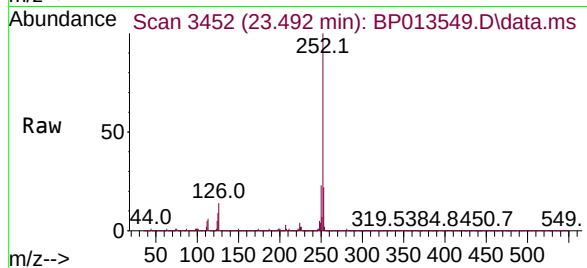
Tgt Ion:252 Resp: 2780108

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.4 7.5 11.3



#90

Benzo(a)pyrene

Concen: 41.543 ng

RT: 24.115 min Scan# 3558

Delta R.T. 0.000 min

Lab File: BP013549.D

Acq: 23 Jan 2023 13:42

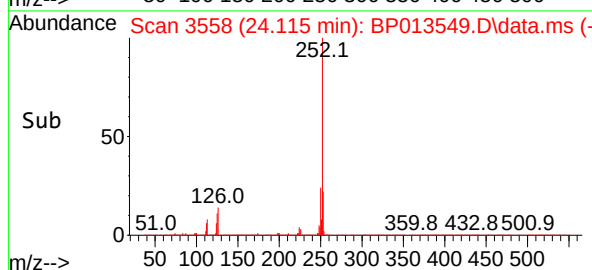
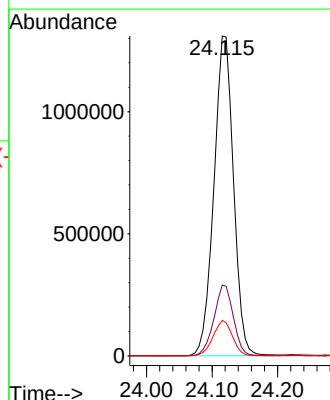
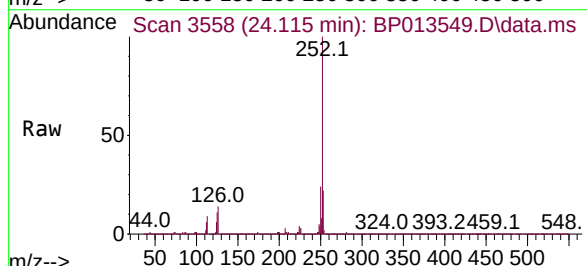
Tgt Ion:252 Resp: 2728136

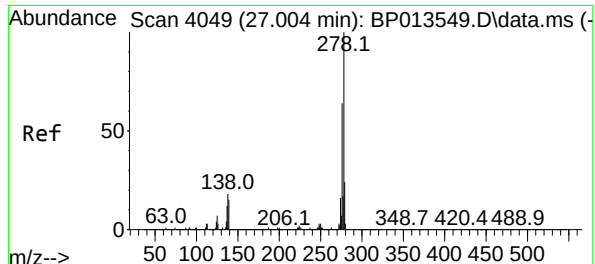
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 11.1 8.9 13.3



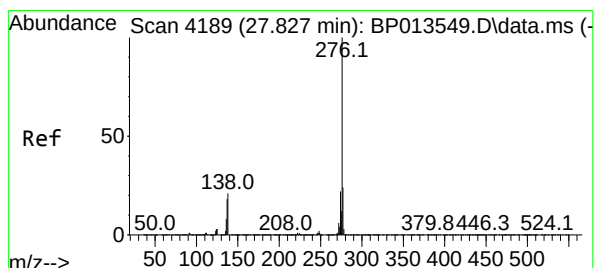
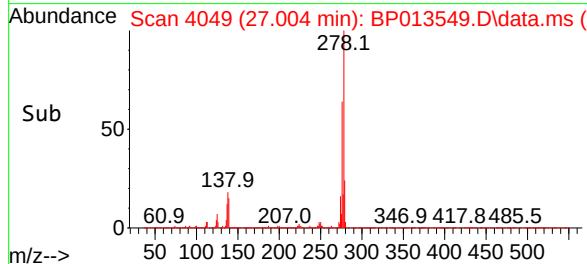
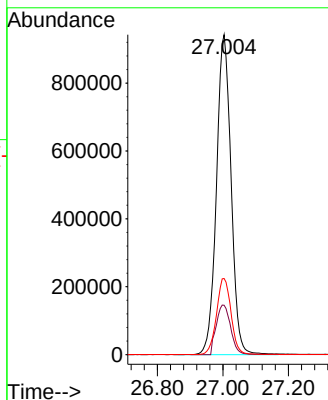
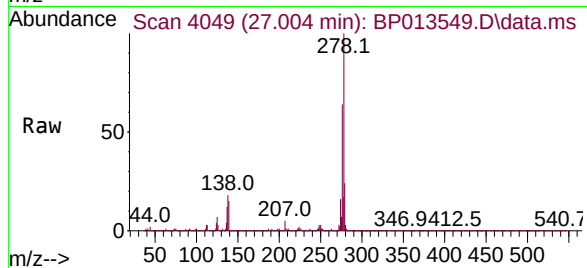


#91
 Dibenzo(a,h)anthracene
 Concen: 43.083 ng
 RT: 27.004 min Scan# 4049
 Delta R.T. 0.000 min
 Lab File: BP013549.D
 Acq: 23 Jan 2023 13:42

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC040

Tgt Ion: 278 Resp: 2929191

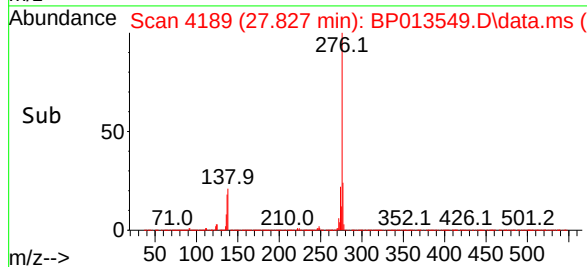
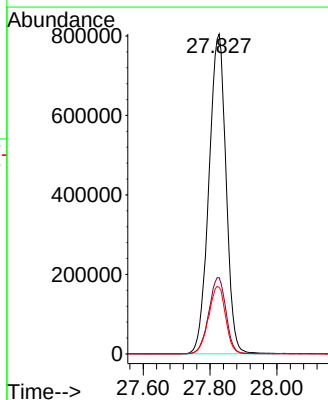
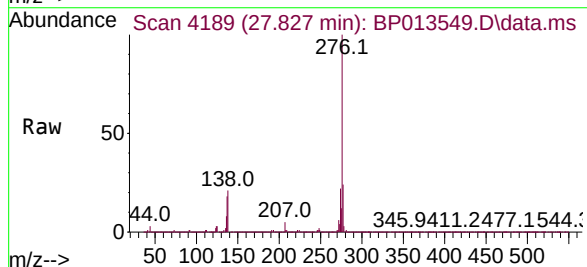
Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.3	18.5
279	23.8	19.0	28.6



#92
 Benzo(g,h,i)perylene
 Concen: 35.219 ng
 RT: 27.827 min Scan# 4189
 Delta R.T. 0.000 min
 Lab File: BP013549.D
 Acq: 23 Jan 2023 13:42

Tgt Ion: 276 Resp: 2854720

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.6
138	20.8	16.6	25.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
 Data File : BP013550.D
 Acq On : 23 Jan 2023 14:17
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

Quant Time: Jan 24 03:05:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 03:01:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.163	152	307149	20.000	ng	0.00
21) Naphthalene-d8	10.999	136	1192343	20.000	ng	0.00
39) Acenaphthene-d10	14.804	164	666536	20.000	ng	0.00
64) Phenanthrene-d10	17.557	188	1253307	20.000	ng	0.00
76) Chrysene-d12	21.639	240	1022072	20.000	ng	0.00
86) Perylene-d12	24.233	264	1160027	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1819154	101.477	ng	0.00
7) Phenol-d6	7.305	99	2442157	101.221	ng	0.00
23) Nitrobenzene-d5	9.340	82	2026427	112.198	ng	0.00
42) 2,4,6-Tribromophenol	16.292	330	754706	108.603	ng	0.00
45) 2-Fluorobiphenyl	13.434	172	5079236	104.601	ng	0.00
79) Terphenyl-d14	20.092	244	5754544	101.289	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.528	88	364378	50.420	ng	97
3) Pyridine	3.940	79	1094029	51.148	ng	99
4) n-Nitrosodimethylamine	3.852	42	486558	50.161	ng	100
6) Aniline	7.481	93	1628298	50.239	ng	99
8) 2-Chlorophenol	7.722	128	1007028	50.908	ng	99
9) Benzaldehyde	7.293	77	621585	47.529	ng	99
10) Phenol	7.334	94	1266910	50.682	ng	100
11) bis(2-Chloroethyl)ether	7.575	93	1019121	49.860	ng	98
12) 1,3-Dichlorobenzene	8.052	146	1089359	49.797	ng	99
13) 1,4-Dichlorobenzene	8.199	146	1101087	49.640	ng	99
14) 1,2-Dichlorobenzene	8.522	146	1063978	49.538	ng	99
15) Benzyl Alcohol	8.399	79	872703	50.627	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.699	45	1370980	48.920	ng	99
17) 2-Methylphenol	8.599	107	916548	50.487	ng	99
18) Hexachloroethane	9.263	117	380071	51.263	ng	100
19) n-Nitroso-di-n-propyla...	8.981	70	781018	50.258	ng	98
20) 3+4-Methylphenols	8.934	107	1218652	51.000	ng	98
22) Acetophenone	8.993	105	1561560	51.051	ng	# 99
24) Nitrobenzene	9.381	77	1062295	54.702	ng	99
25) Isophorone	9.910	82	2164290	50.520	ng	99
26) 2-Nitrophenol	10.099	139	364704	60.228	ng	98
27) 2,4-Dimethylphenol	10.152	122	964292	51.062	ng	100
28) bis(2-Chloroethoxy)met...	10.393	93	1319988	51.129	ng	100
29) 2,4-Dichlorophenol	10.634	162	904413	53.168	ng	99
30) 1,2,4-Trichlorobenzene	10.857	180	997891	51.405	ng	99
31) Naphthalene	11.052	128	3288111	51.295	ng	99
32) Benzoic acid	10.281	122	461601	55.925	ng	98
33) 4-Chloroaniline	11.152	127	1448908	51.084	ng	99
34) Hexachlorobutadiene	11.334	225	579624	51.308	ng	99
35) Caprolactam	11.928	113	280183	50.992	ng	98
36) 4-Chloro-3-methylphenol	12.257	107	969564	52.337	ng	98
37) 2-Methylnaphthalene	12.646	142	2317868	50.871	ng	99
38) 1-Methylnaphthalene	12.863	142	2170752	50.702	ng	98
40) 1,2,4,5-Tetrachloroben...	13.004	216	1087777	53.009	ng	100
41) Hexachlorocyclopentadiene	12.987	237	541403	56.046	ng	97
43) 2,4,6-Trichlorophenol	13.234	196	668351	55.649	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
 Data File : BP013550.D
 Acq On : 23 Jan 2023 14:17
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

Quant Time: Jan 24 03:05:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 03:01:10 2023
 Response via : Initial Calibration

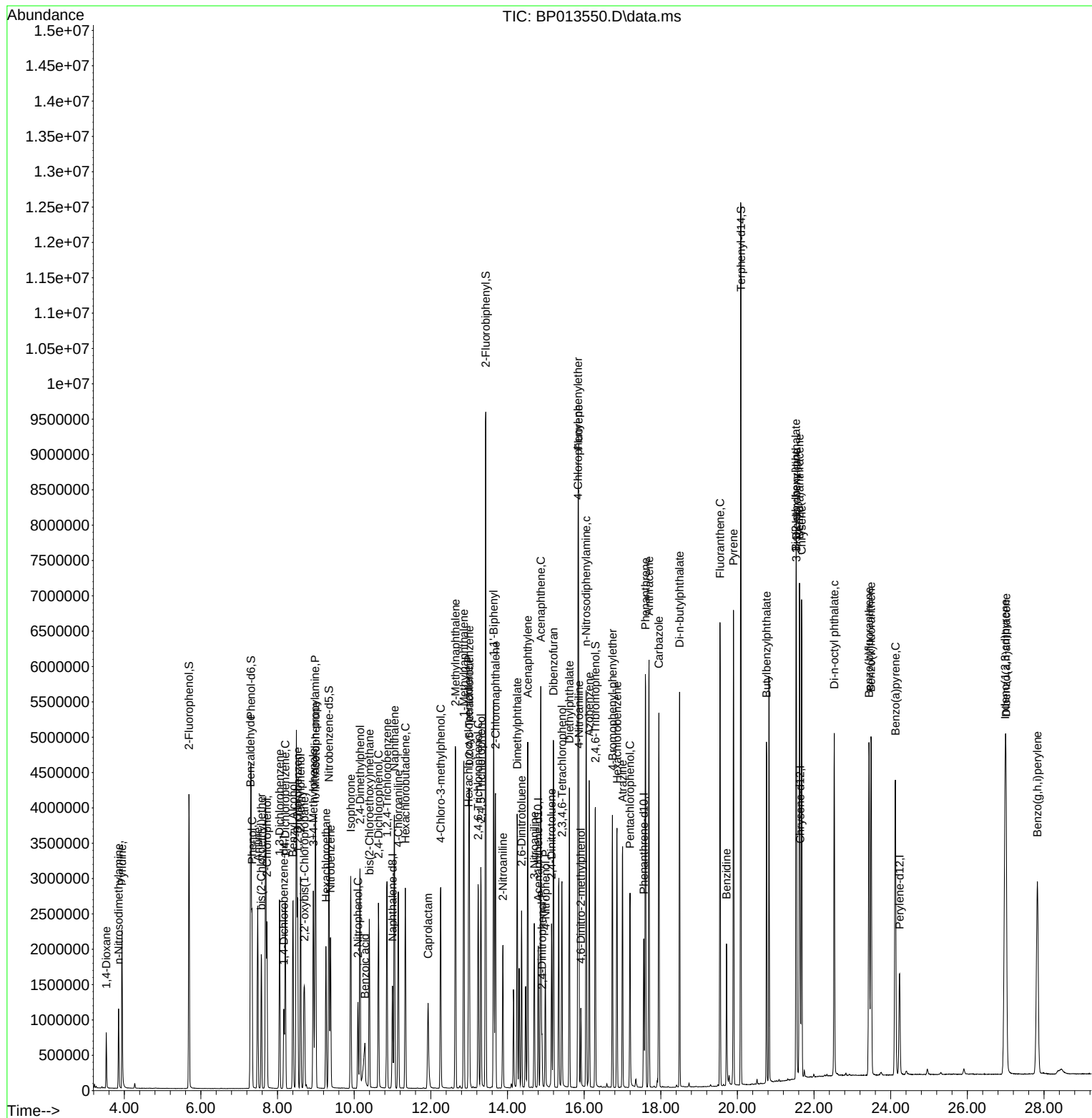
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.304	196	789102	55.602	ng	99
46) 1,1'-Biphenyl	13.640	154	2785653	52.039	ng	100
47) 2-Chloronaphthalene	13.687	162	2084939	51.989	ng	99
48) 2-Nitroaniline	13.881	65	491967	61.312	ng	96
49) Acenaphthylene	14.528	152	3401907	51.871	ng	99
50) Dimethylphthalate	14.251	163	2529035	51.043	ng	100
51) 2,6-Dinitrotoluene	14.369	165	477861	59.732	ng	98
52) Acenaphthene	14.869	154	2104645	51.951	ng	99
53) 3-Nitroaniline	14.698	138	537431	58.593	ng	97
54) 2,4-Dinitrophenol	14.898	184	130481	53.521	ng	96
55) Dibenzofuran	15.198	168	3183762	51.250	ng	100
56) 4-Nitrophenol	14.992	139	401431	53.652	ng	95
57) 2,4-Dinitrotoluene	15.151	165	584091	60.727	ng	95
58) Fluorene	15.851	166	2521774	51.073	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.422	232	580482	53.268	ng	99
60) Diethylphthalate	15.616	149	2430120	50.217	ng	100
61) 4-Chlorophenyl-phenyle...	15.839	204	1239146	51.039	ng	100
62) 4-Nitroaniline	15.863	138	537563	57.443	ng	99
63) Azobenzene	16.134	77	2361237	50.214	ng	98
65) 4,6-Dinitro-2-methylph...	15.916	198	204333	56.412	ng	96
66) n-Nitrosodiphenylamine	16.051	169	2148206	52.560	ng	99
67) 4-Bromophenyl-phenylether	16.739	248	728800	52.496	ng	99
68) Hexachlorobenzene	16.857	284	784574	52.320	ng	99
69) Atrazine	17.004	200	606877	51.895	ng	99
70) Pentachlorophenol	17.198	266	473242	54.187	ng	99
71) Phenanthrene	17.598	178	3587319	51.444	ng	100
72) Anthracene	17.692	178	3657338	51.676	ng	99
73) Carbazole	17.951	167	3263507	51.311	ng	100
74) Di-n-butylphthalate	18.492	149	3716073	52.496	ng	100
75) Fluoranthene	19.545	202	3780250	50.978	ng	100
77) Benzidine	19.716	184	1170897	45.550	ng	100
78) Pyrene	19.898	202	3933194	50.328	ng	100
80) Butylbenzylphthalate	20.757	149	1391457	53.959	ng	95
81) Benzo(a)anthracene	21.622	228	3654756	51.328	ng	99
82) 3,3'-Dichlorobenzidine	21.539	252	1243571	54.205	ng	99
83) Chrysene	21.674	228	3490763	51.257	ng	100
84) Bis(2-ethylhexyl)phtha...	21.527	149	2097331	52.668	ng	99
85) Di-n-octyl phthalate	22.527	149	3511834	54.700	ng	99
87) Indeno(1,2,3-cd)pyrene	26.986	276	4659916	54.537	ng	100
88) Benzo(b)fluoranthene	23.433	252	3674525	51.492	ng	99
89) Benzo(k)fluoranthene	23.486	252	3671979	50.449	ng	99
90) Benzo(a)pyrene	24.121	252	3601967	52.033	ng	99
91) Dibenzo(a,h)anthracene	27.009	278	3928886	54.819	ng	99
92) Benzo(g,h,i)perylene	27.827	276	3824151	44.756	ng	100

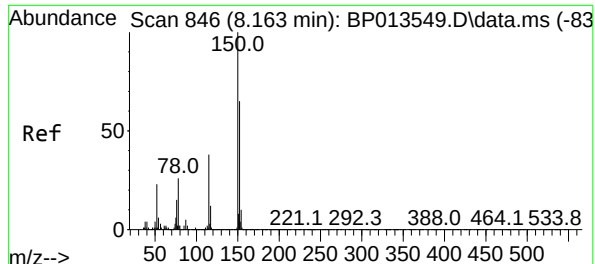
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
 Data File : BP013550.D
 Acq On : 23 Jan 2023 14:17
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

Quant Time: Jan 24 03:05:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 03:01:10 2023
 Response via : Initial Calibration

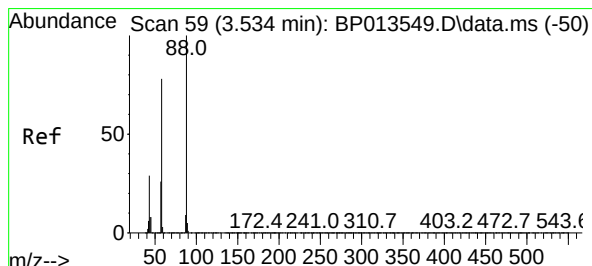
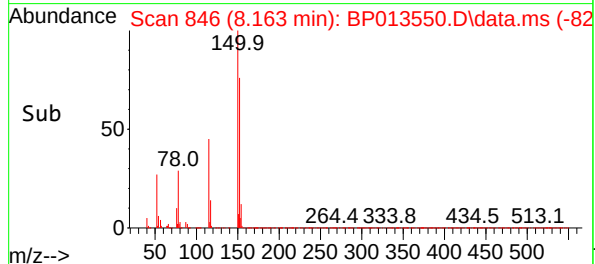
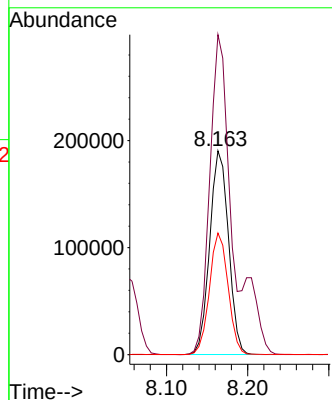
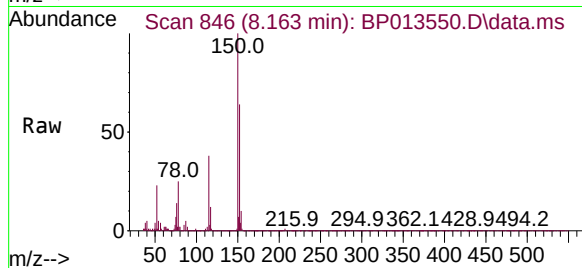




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.163 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP013550.D
Acq: 23 Jan 2023 14:17

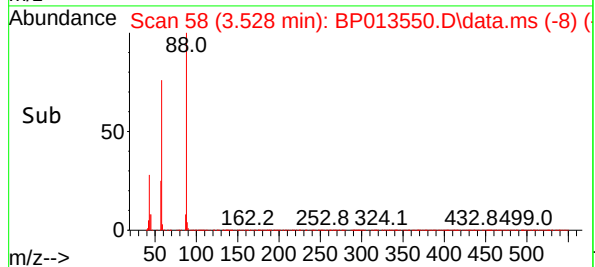
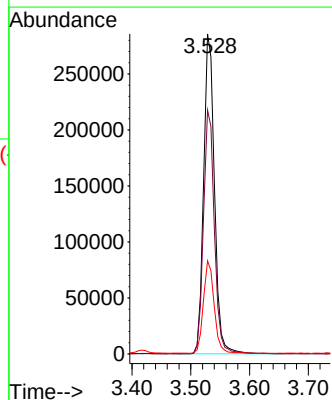
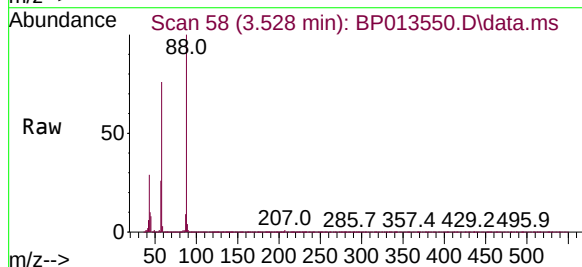
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

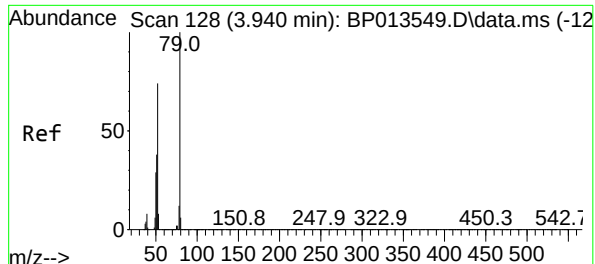
Tgt Ion:152 Resp: 307149
Ion Ratio Lower Upper
152 100
150 157.1 122.4 183.6
115 59.7 46.1 69.1



#2
1,4-Dioxane
Concen: 50.420 ng
RT: 3.528 min Scan# 58
Delta R.T. -0.006 min
Lab File: BP013550.D
Acq: 23 Jan 2023 14:17

Tgt Ion: 88 Resp: 364378
Ion Ratio Lower Upper
88 100
58 77.2 63.6 95.4
43 29.0 24.2 36.2

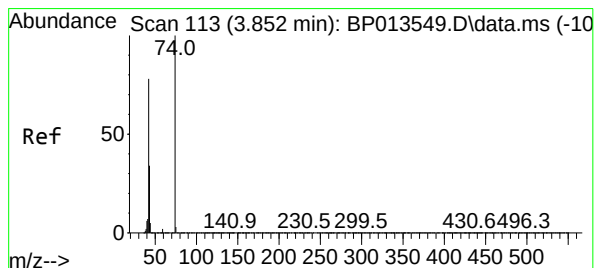
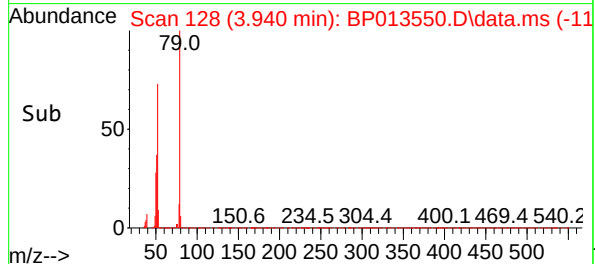
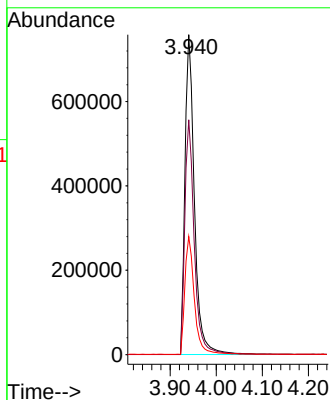
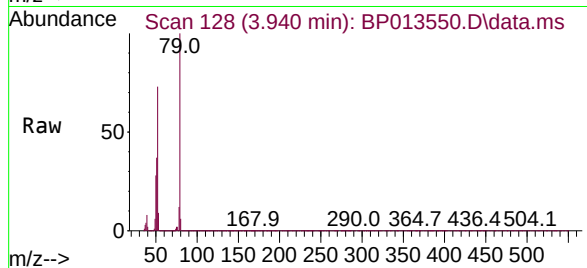




#3
Pyridine
Concen: 51.148 ng
RT: 3.940 min Scan# 113
Delta R.T. 0.000 min
Lab File: BP013550.D
Acq: 23 Jan 2023 14:17

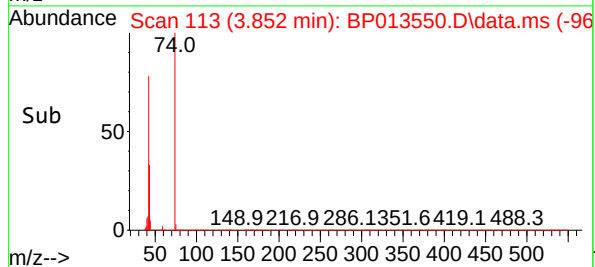
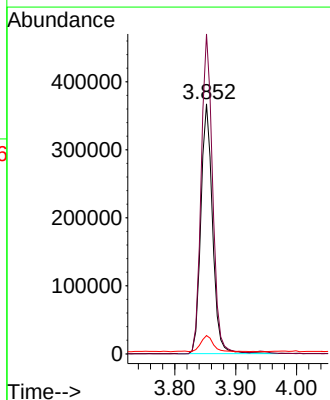
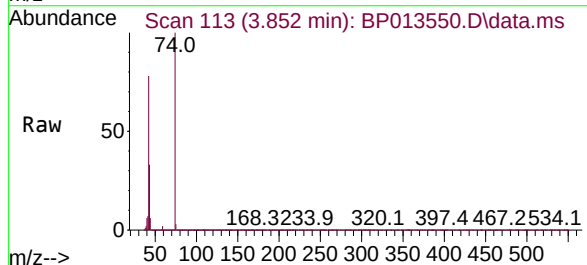
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

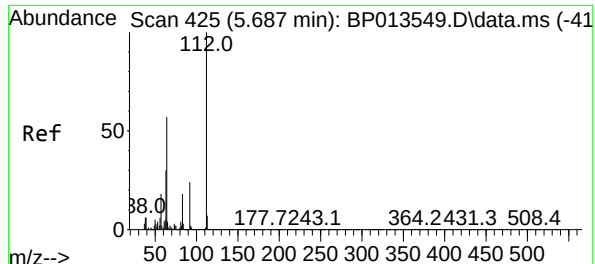
Tgt Ion: 79 Resp: 1094029
Ion Ratio Lower Upper
79 100
52 73.4 59.4 89.2
51 36.9 30.6 45.8



#4
n-Nitrosodimethylamine
Concen: 50.161 ng
RT: 3.852 min Scan# 113
Delta R.T. 0.000 min
Lab File: BP013550.D
Acq: 23 Jan 2023 14:17

Tgt Ion: 42 Resp: 486558
Ion Ratio Lower Upper
42 100
74 128.0 102.3 153.5
44 7.3 6.2 9.2

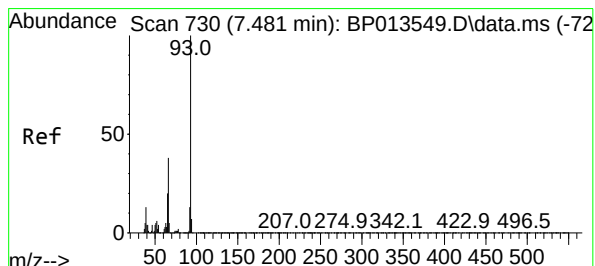
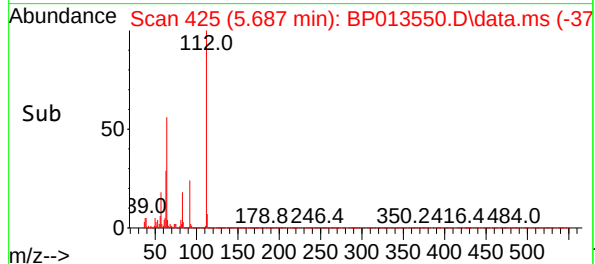
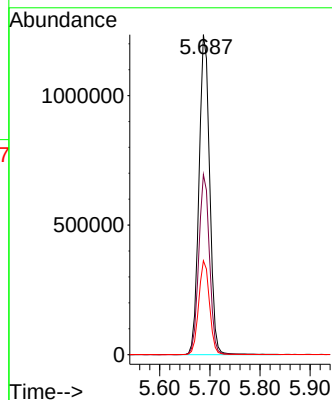
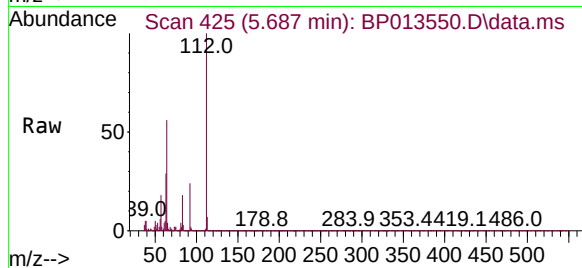




#5
2-Fluorophenol
Concen: 101.477 ng
RT: 5.687 min Scan# 425
Delta R.T. 0.000 min
Lab File: BP013550.D
Acq: 23 Jan 2023 14:17

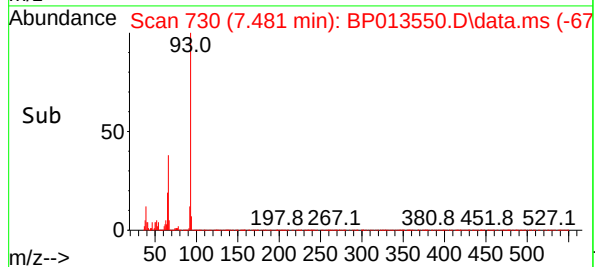
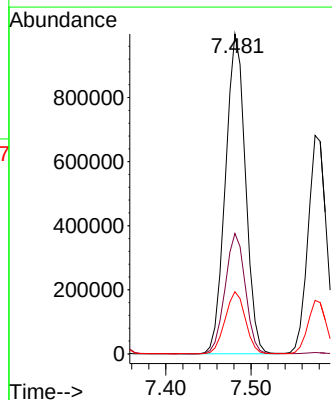
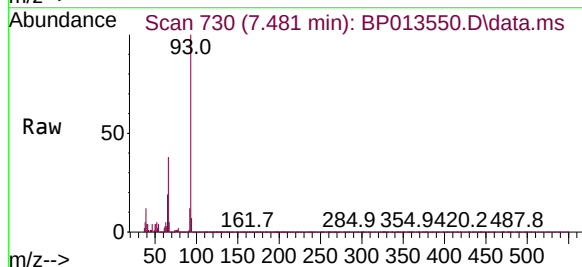
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

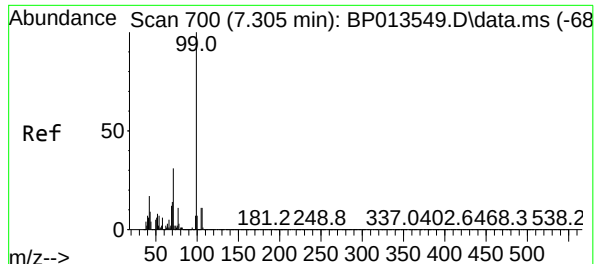
Tgt Ion:112 Resp: 1819154
Ion Ratio Lower Upper
112 100
64 56.3 45.4 68.0
63 29.3 24.1 36.1



#6
Aniline
Concen: 50.239 ng
RT: 7.481 min Scan# 730
Delta R.T. 0.000 min
Lab File: BP013550.D
Acq: 23 Jan 2023 14:17

Tgt Ion: 93 Resp: 1628298
Ion Ratio Lower Upper
93 100
66 37.6 30.3 45.5
65 19.4 15.9 23.9





#7

Phenol-d6

Concen: 101.221 ng

RT: 7.305 min Scan# 700

Delta R.T. 0.000 min

Lab File: BP013550.D

Acq: 23 Jan 2023 14:17

Instrument :

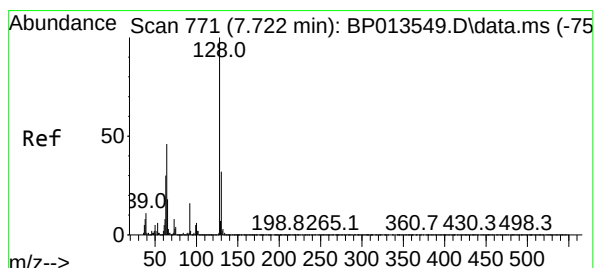
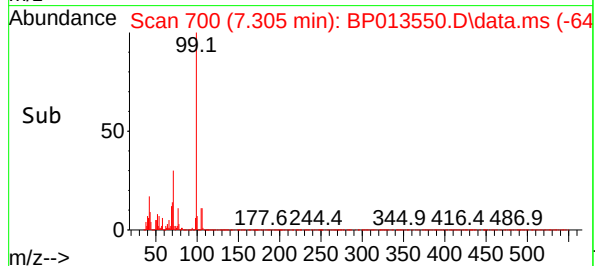
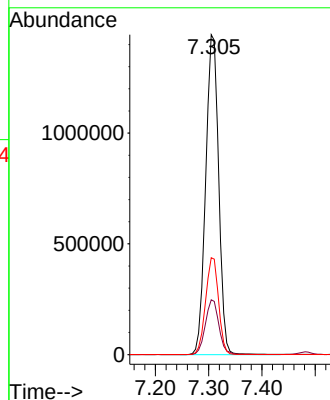
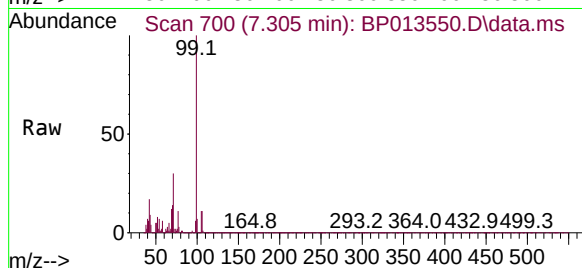
BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 99 Resp: 2442157

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.0	21.0
71	30.3	24.7	37.1



#8

2-Chlorophenol

Concen: 50.908 ng

RT: 7.722 min Scan# 771

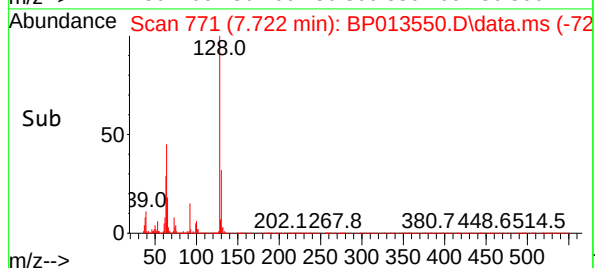
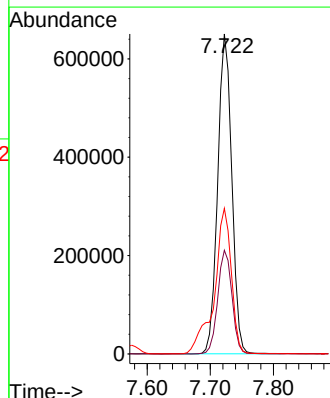
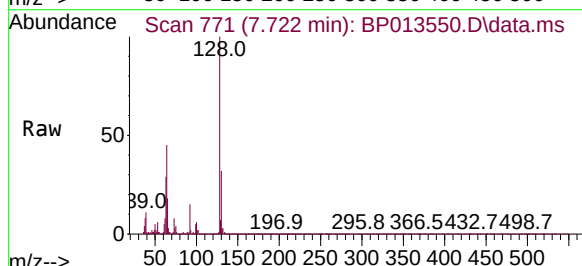
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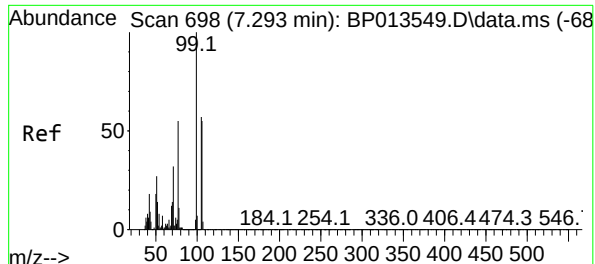
Lab File: BP013550.D

Acq: 23 Jan 2023 14:17

Tgt Ion: 128 Resp: 1007028

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.4	52.4
64	45.5	26.2	66.2

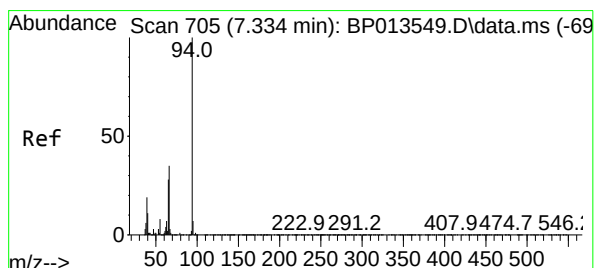
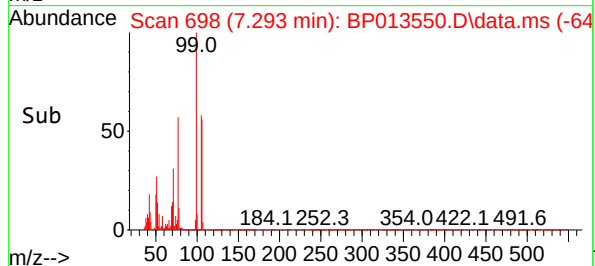
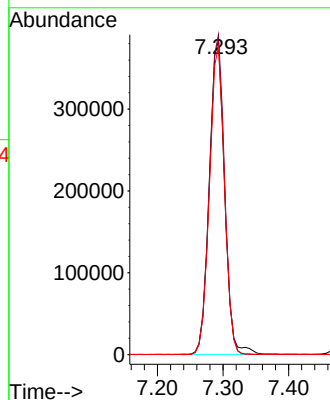
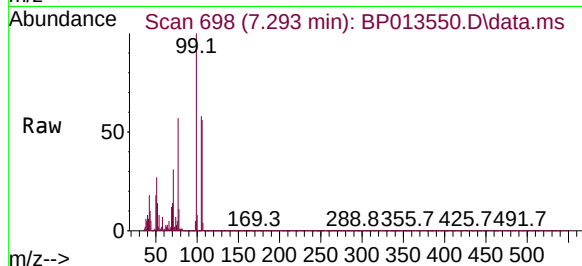




#9
Benzaldehyde
Concen: 47.529 ng
RT: 7.293 min Scan# 698
Delta R.T. 0.000 min
Lab File: BP013550.D
Acq: 23 Jan 2023 14:17

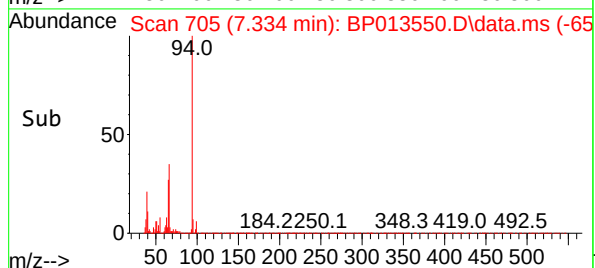
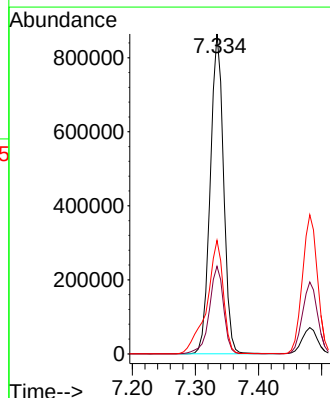
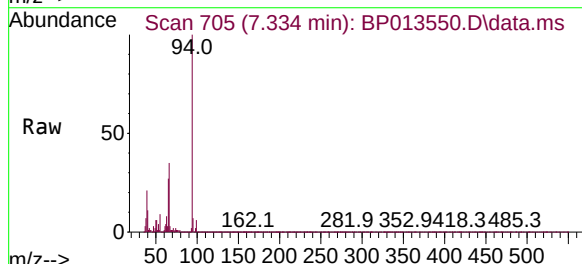
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

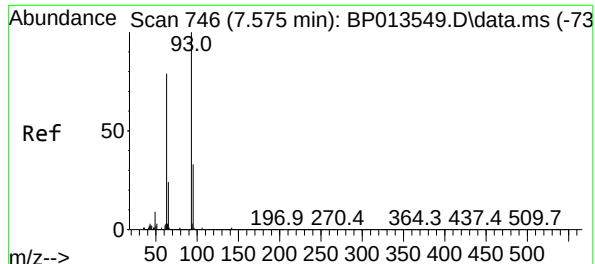
Tgt Ion: 77 Resp: 621585
Ion Ratio Lower Upper
77 100
105 101.9 82.6 122.6
106 98.1 78.9 118.9



#10
Phenol
Concen: 50.682 ng
RT: 7.334 min Scan# 705
Delta R.T. 0.000 min
Lab File: BP013550.D
Acq: 23 Jan 2023 14:17

Tgt Ion: 94 Resp: 1266910
Ion Ratio Lower Upper
94 100
65 27.4 7.8 47.8
66 35.5 15.5 55.5





#11

bis(2-Chloroethyl)ether

Concen: 49.860 ng

RT: 7.575 min Scan# 746

Delta R.T. 0.000 min

Lab File: BP013550.D

Acq: 23 Jan 2023 14:17

Instrument :

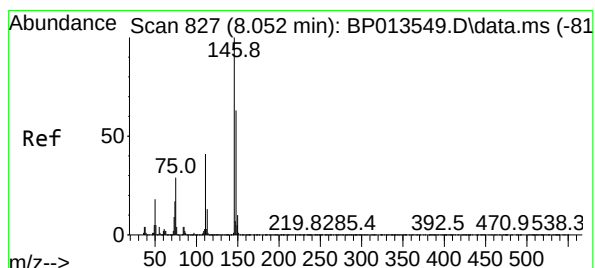
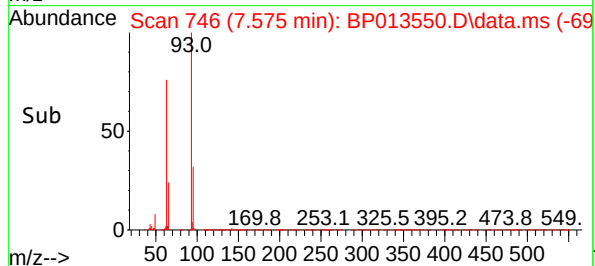
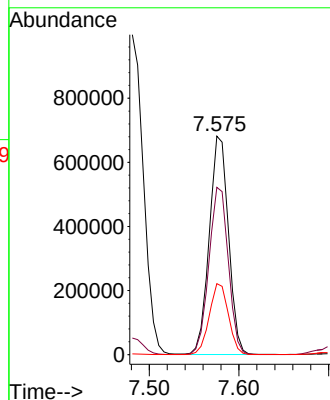
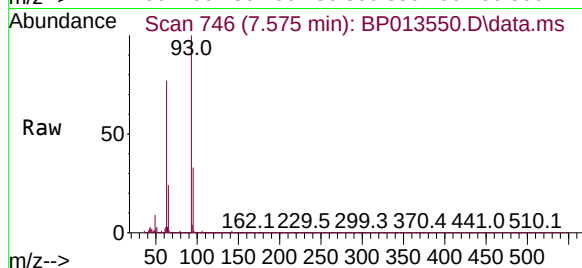
BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 93 Resp: 1019121

Ion	Ratio	Lower	Upper
93	100		
63	76.6	58.7	98.7
95	32.5	12.8	52.8



#12

1,3-Dichlorobenzene

Concen: 49.797 ng

RT: 8.052 min Scan# 827

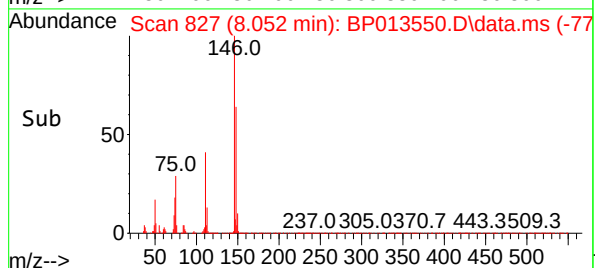
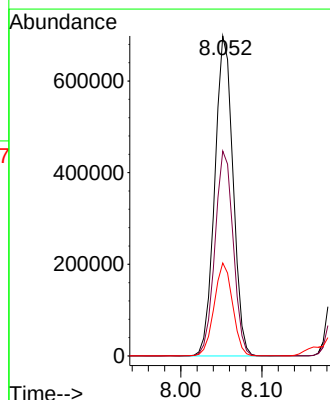
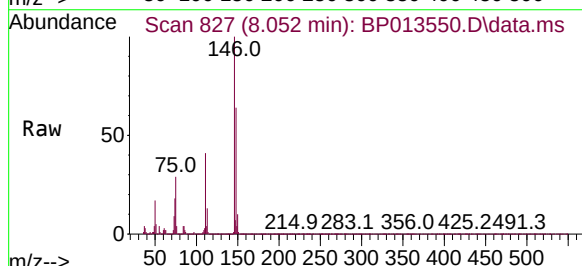
Delta R.T. 0.000 min

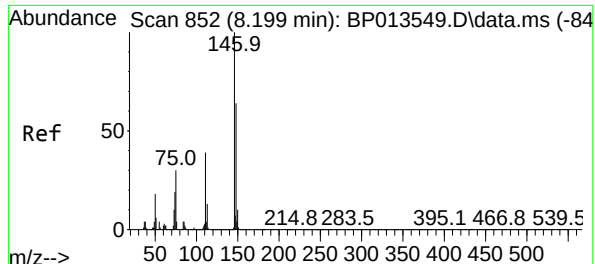
Lab File: BP013550.D

Acq: 23 Jan 2023 14:17

Tgt Ion: 146 Resp: 1089359

Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.7	76.1
75	29.0	23.4	35.2





#13

1,4-Dichlorobenzene

Concen: 49.640 ng

RT: 8.199 min Scan# 852

Delta R.T. 0.000 min

Lab File: BP013550.D

Acq: 23 Jan 2023 14:17

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

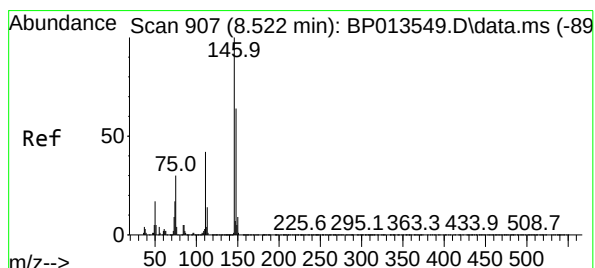
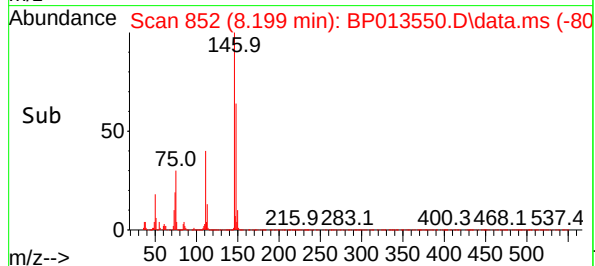
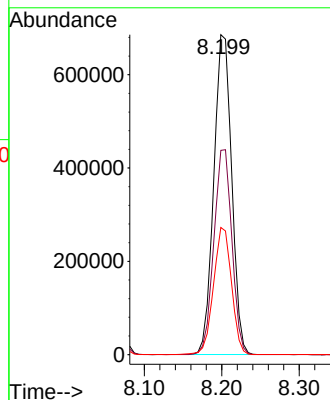
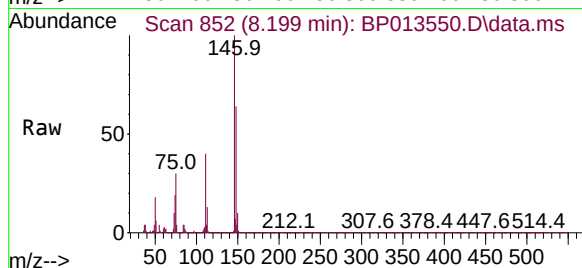
Tgt Ion:146 Resp: 1101087

Ion Ratio Lower Upper

146 100

148 63.8 51.4 77.0

111 39.7 31.4 47.2



#14

1,2-Dichlorobenzene

Concen: 49.538 ng

RT: 8.522 min Scan# 907

Delta R.T. 0.000 min

Lab File: BP013550.D

Acq: 23 Jan 2023 14:17

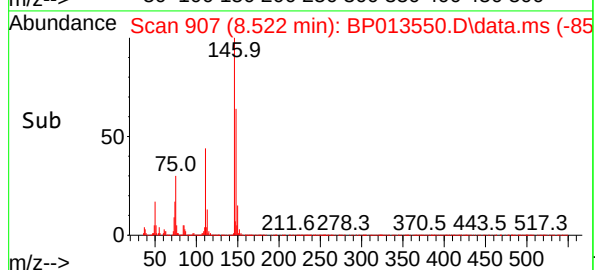
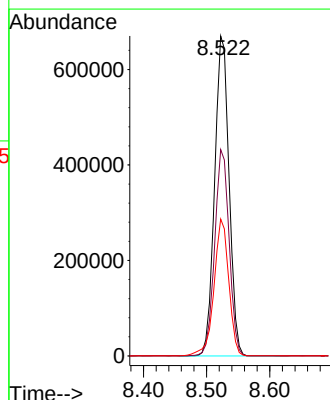
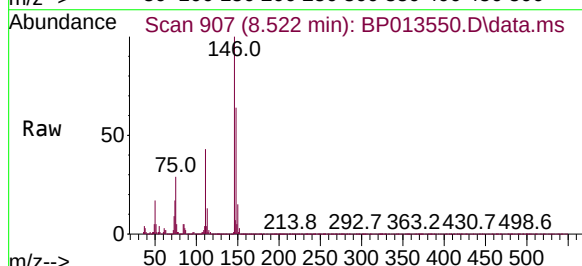
Tgt Ion:146 Resp: 1063978

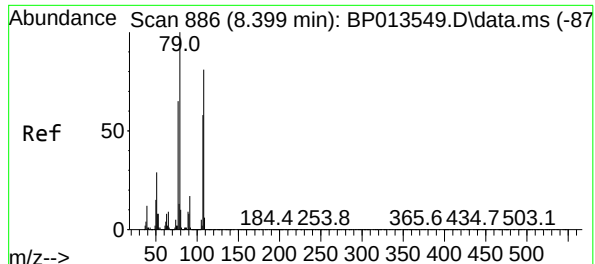
Ion Ratio Lower Upper

146 100

148 64.5 50.8 76.2

111 42.8 33.4 50.2





#15

Benzyl Alcohol

Concen: 50.627 ng

RT: 8.399 min Scan# 886

Delta R.T. 0.000 min

Lab File: BP013550.D

Acq: 23 Jan 2023 14:17

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

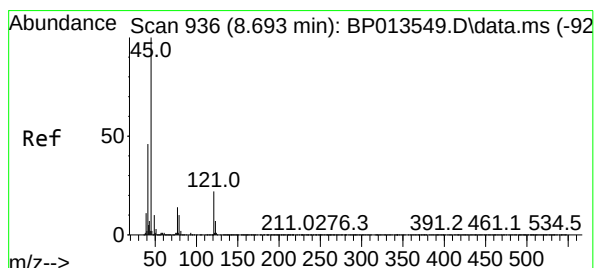
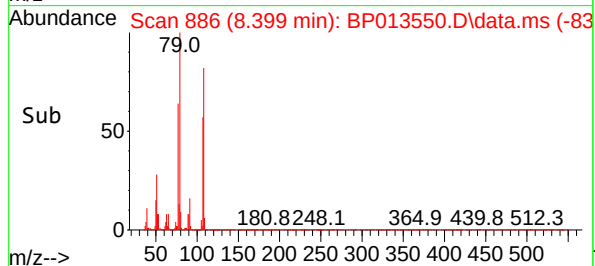
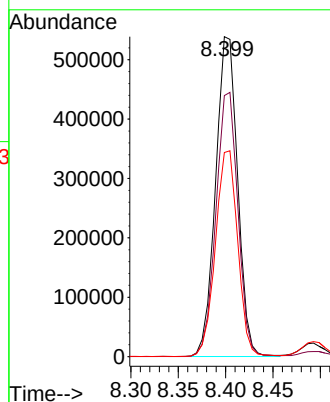
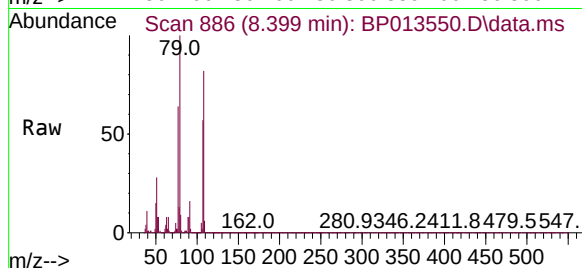
Tgt Ion: 79 Resp: 872703

Ion Ratio Lower Upper

79 100

108 81.6 65.2 97.8

77 63.8 52.3 78.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.920 ng

RT: 8.699 min Scan# 937

Delta R.T. 0.006 min

Lab File: BP013550.D

Acq: 23 Jan 2023 14:17

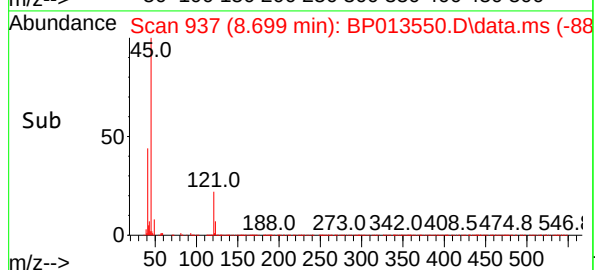
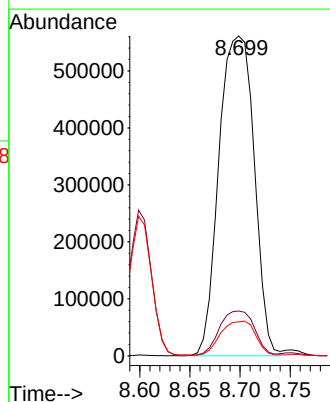
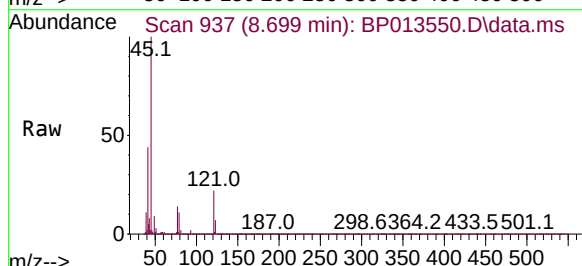
Tgt Ion: 45 Resp: 1370980

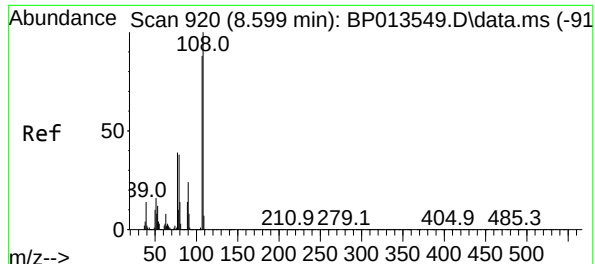
Ion Ratio Lower Upper

45 100

77 14.0 0.0 34.2

79 10.6 0.0 30.4





#17

2-Methylphenol

Concen: 50.487 ng

RT: 8.599 min Scan# 91

Delta R.T. 0.000 min

Lab File: BP013550.D

Acq: 23 Jan 2023 14:17

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:107 Resp: 916548

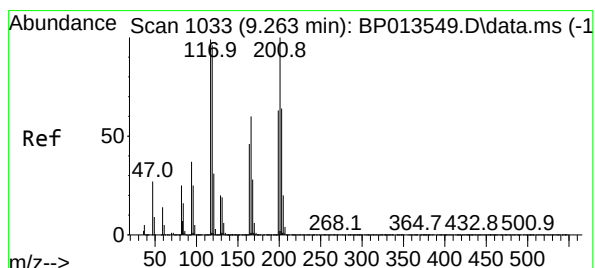
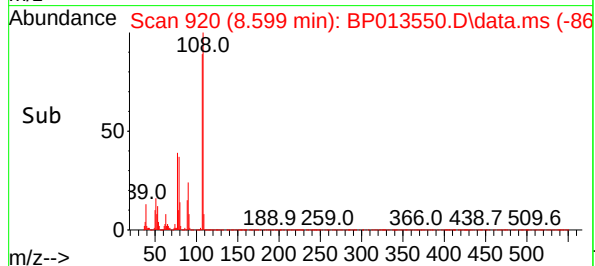
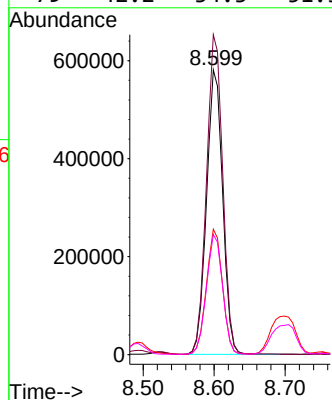
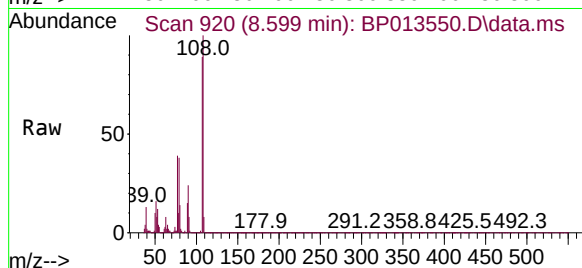
Ion Ratio Lower Upper

107 100

108 112.4 90.5 135.7

77 44.0 35.4 53.2

79 42.2 34.3 51.5



#18

Hexachloroethane

Concen: 51.263 ng

RT: 9.263 min Scan# 1033

Delta R.T. 0.000 min

Lab File: BP013550.D

Acq: 23 Jan 2023 14:17

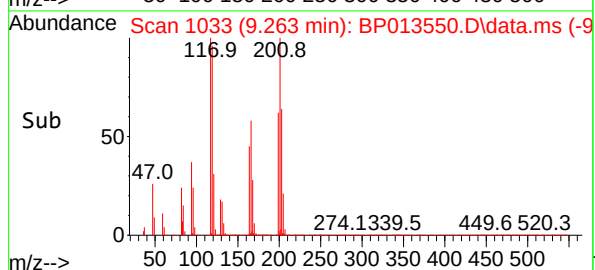
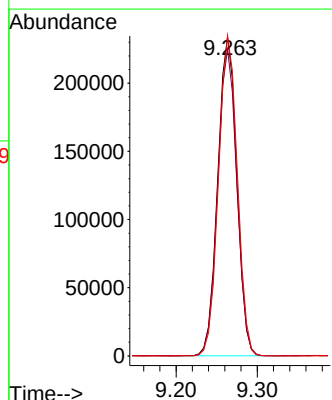
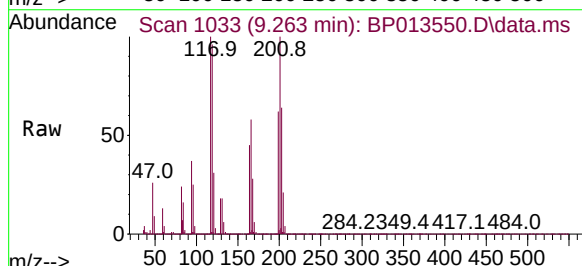
Tgt Ion:117 Resp: 380071

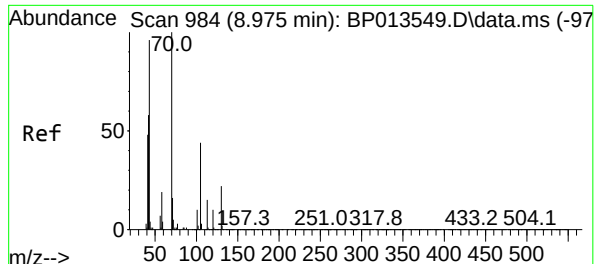
Ion Ratio Lower Upper

117 100

119 96.1 77.0 115.6

201 100.2 80.6 120.8





#19

n-Nitroso-di-n-propylamine

Concen: 50.258 ng

RT: 8.981 min Scan# 984

Delta R.T. 0.006 min

Lab File: BP013550.D

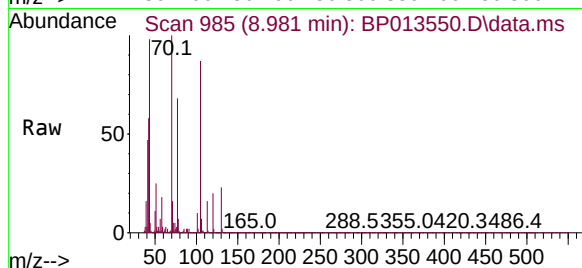
Acq: 23 Jan 2023 14:17

Instrument :

BNA_P

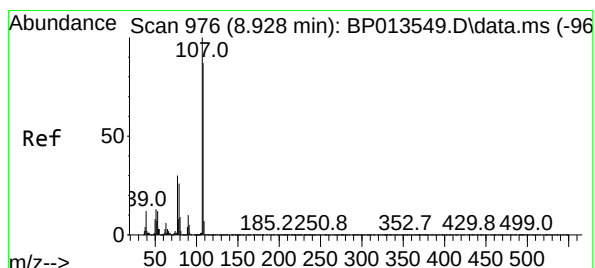
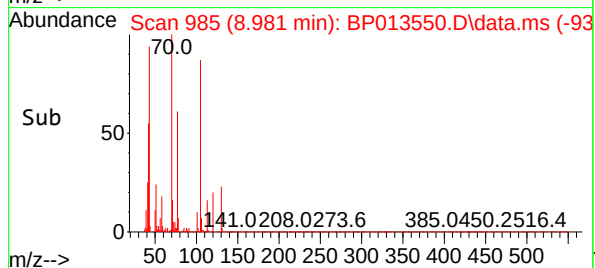
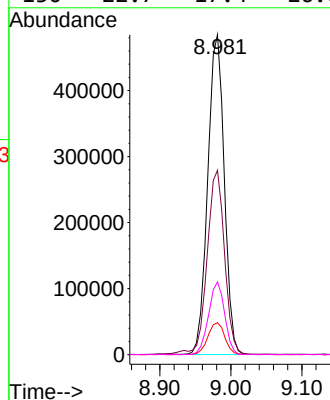
ClientSampleId :

SSTDICC050



Tgt Ion: 70 Resp: 781018

Ion	Ratio	Lower	Upper
70	100		
42	57.6	47.2	70.8
101	10.0	8.0	12.0
130	22.7	17.4	26.0



#20

3+4-Methylphenols

Concen: 51.000 ng

RT: 8.934 min Scan# 977

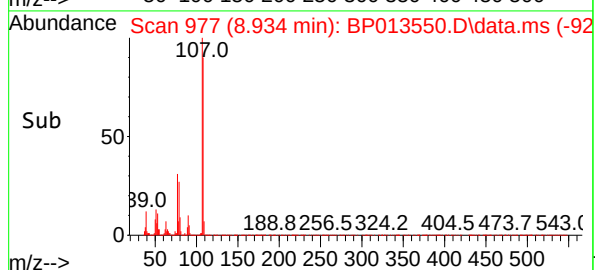
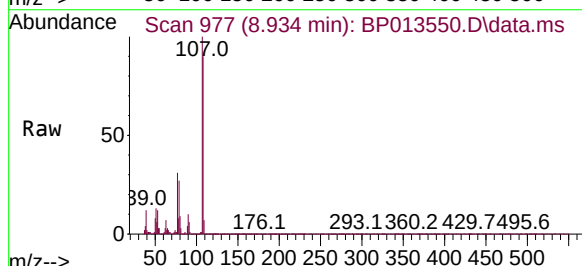
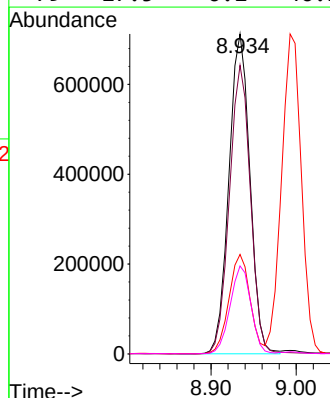
Delta R.T. 0.006 min

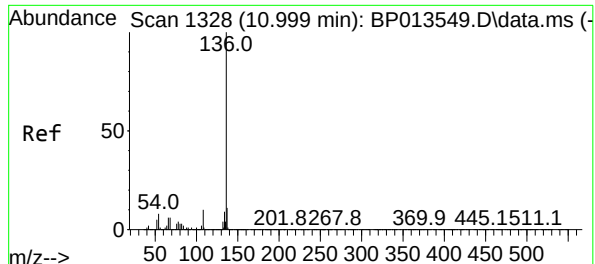
Lab File: BP013550.D

Acq: 23 Jan 2023 14:17

Tgt Ion: 107 Resp: 1218652

Ion	Ratio	Lower	Upper
107	100		
108	90.2	67.5	107.5
77	31.1	10.5	50.5
79	27.5	6.2	46.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.999 min Scan# 1328

Delta R.T. 0.000 min

Lab File: BP013550.D

Acq: 23 Jan 2023 14:17

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:136 Resp: 1192343

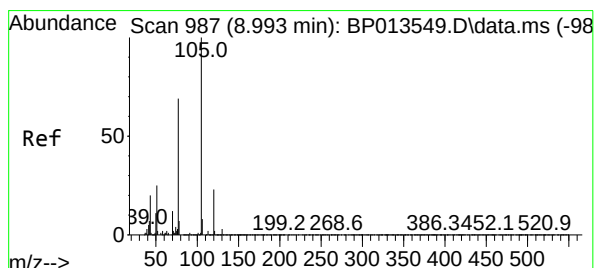
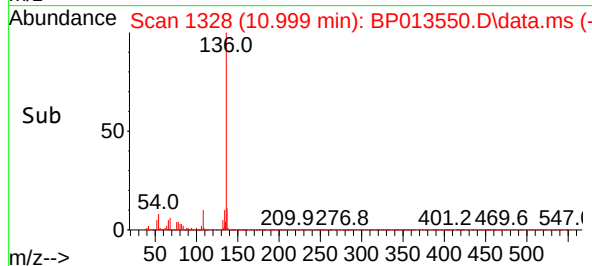
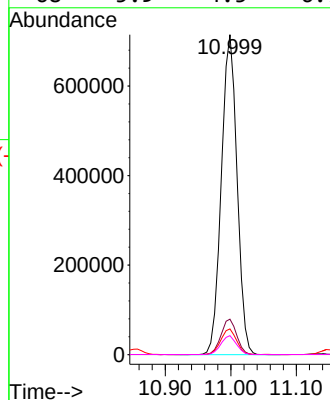
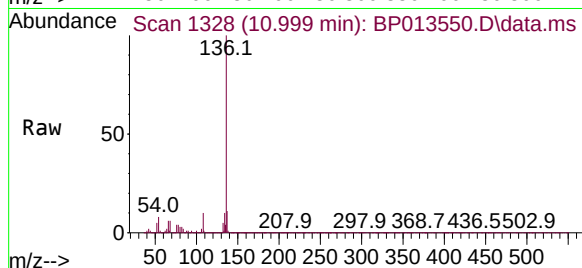
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 8.0 6.6 9.8

68 5.9 4.5 6.7



#22

Acetophenone

Concen: 51.051 ng

RT: 8.993 min Scan# 987

Delta R.T. 0.000 min

Lab File: BP013550.D

Acq: 23 Jan 2023 14:17

Tgt Ion:105 Resp: 1561560

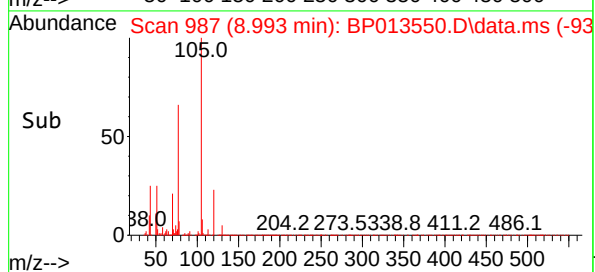
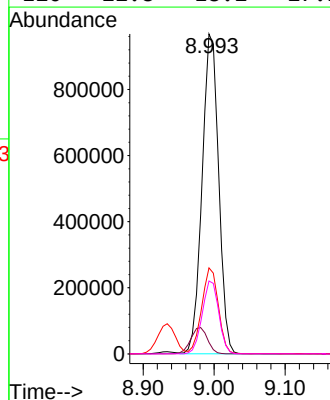
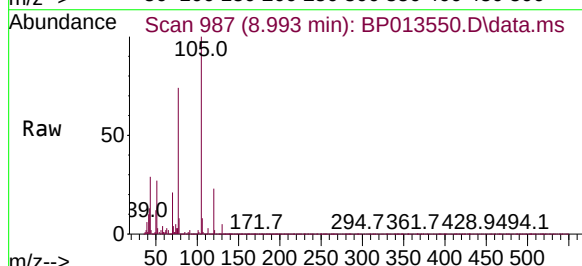
Ion Ratio Lower Upper

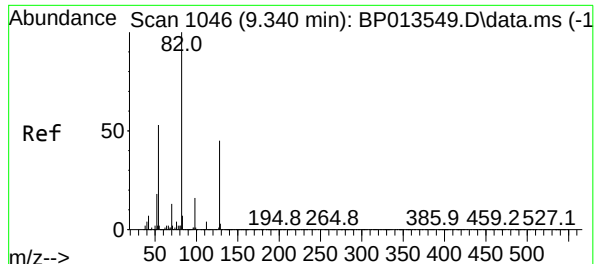
105 100

71 3.6 1.8 2.8

51 26.9 21.1 31.7

120 22.8 18.2 27.2





#23

Nitrobenzene-d5

Concen: 112.198 ng

RT: 9.340 min Scan# 1046

Delta R.T. 0.000 min

Lab File: BP013550.D

Acq: 23 Jan 2023 14:17

Instrument :

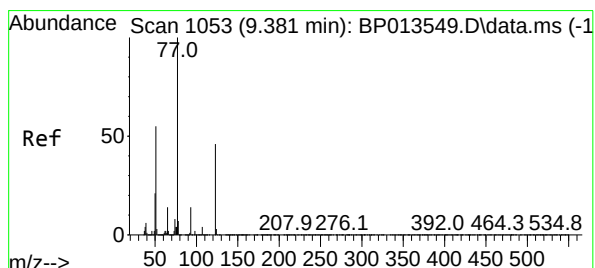
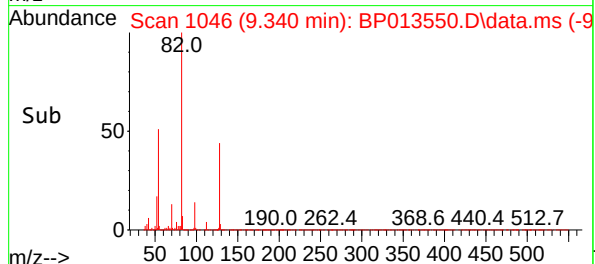
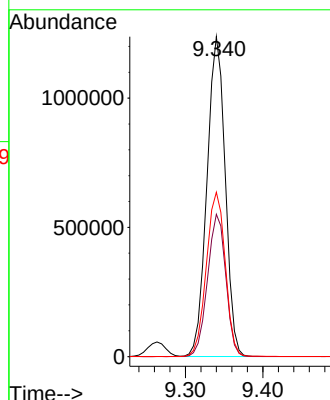
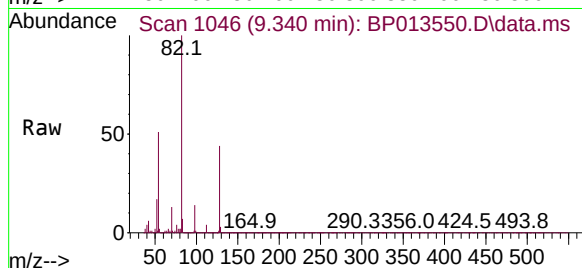
BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 2026427

Ion	Ratio	Lower	Upper
82	100		
128	44.5	35.8	53.6
54	51.4	42.6	64.0



#24

Nitrobenzene

Concen: 54.702 ng

RT: 9.381 min Scan# 1053

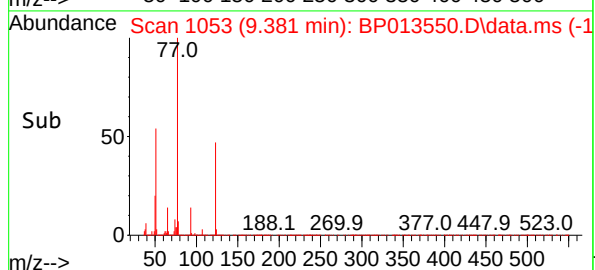
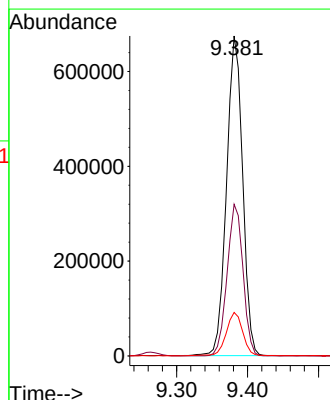
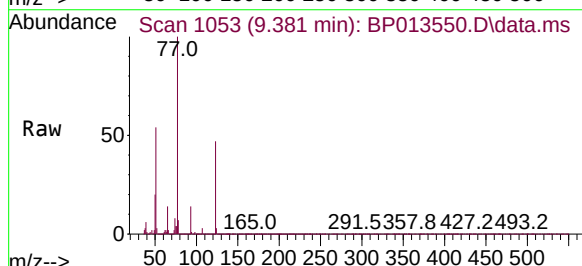
Delta R.T. 0.000 min

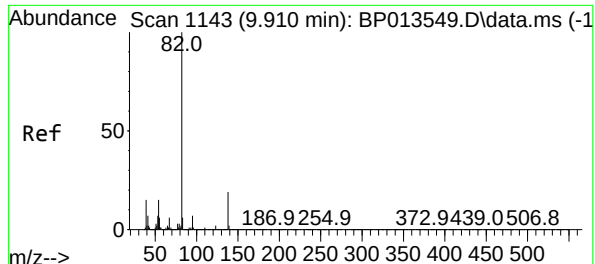
Lab File: BP013550.D

Acq: 23 Jan 2023 14:17

Tgt Ion: 77 Resp: 1062295

Ion	Ratio	Lower	Upper
77	100		
123	47.4	37.2	55.8
65	13.6	11.1	16.7





#25

Isophorone

Concen: 50.520 ng

RT: 9.910 min Scan# 1143

Delta R.T. 0.000 min

Lab File: BP013550.D

Acq: 23 Jan 2023 14:17

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

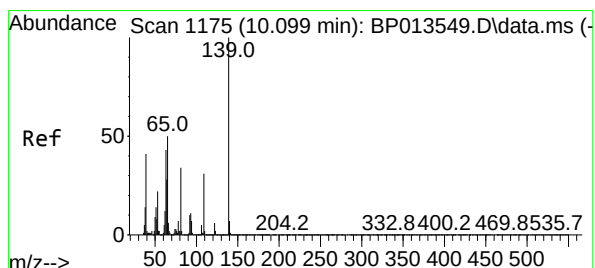
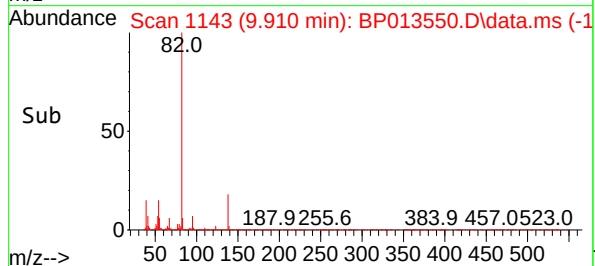
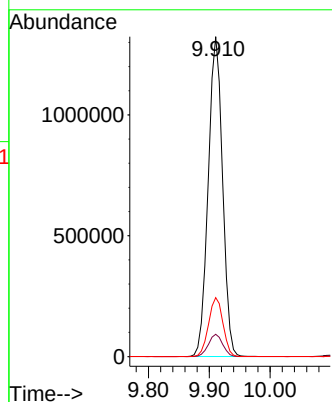
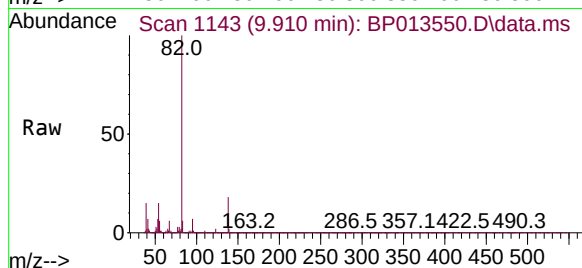
Tgt Ion: 82 Resp: 2164290

Ion Ratio Lower Upper

82 100

95 7.0 5.8 8.8

138 18.4 15.1 22.7



#26

2-Nitrophenol

Concen: 60.228 ng

RT: 10.099 min Scan# 1175

Delta R.T. 0.000 min

Lab File: BP013550.D

Acq: 23 Jan 2023 14:17

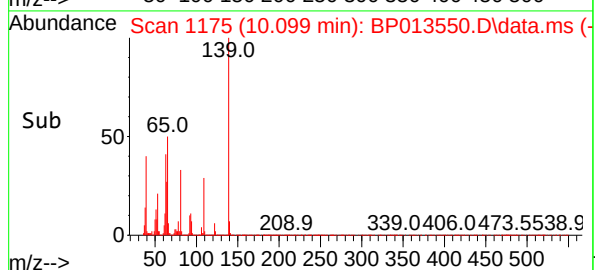
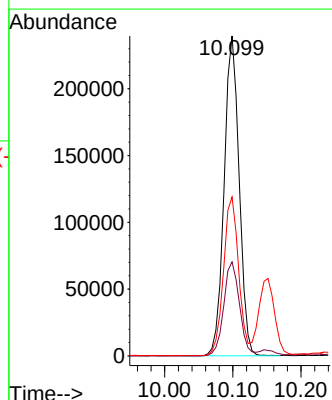
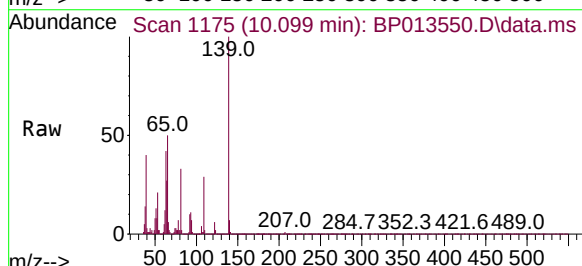
Tgt Ion:139 Resp: 364704

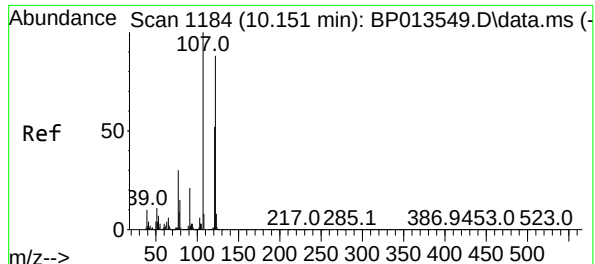
Ion Ratio Lower Upper

139 100

109 29.4 25.1 37.7

65 49.7 40.1 60.1

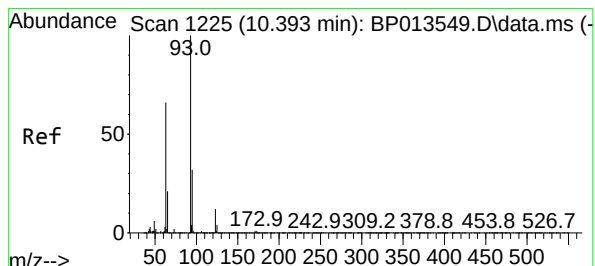
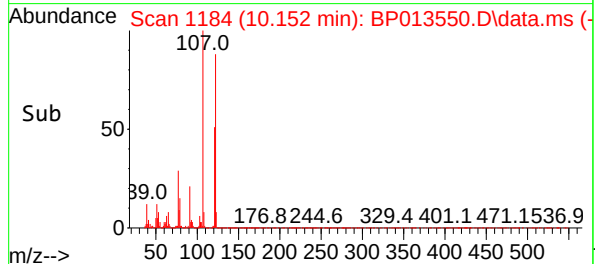
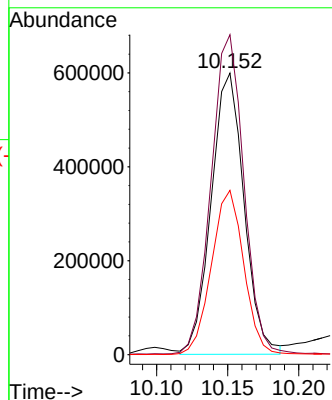
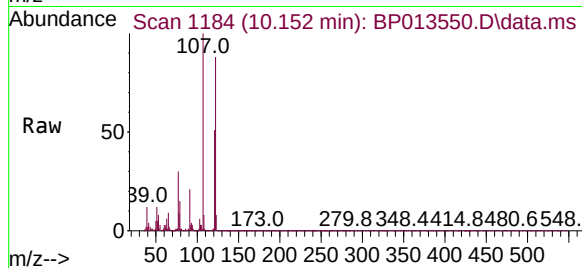




#27
2,4-Dimethylphenol
Concen: 51.062 ng
RT: 10.152 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BP013550.D
Acq: 23 Jan 2023 14:17

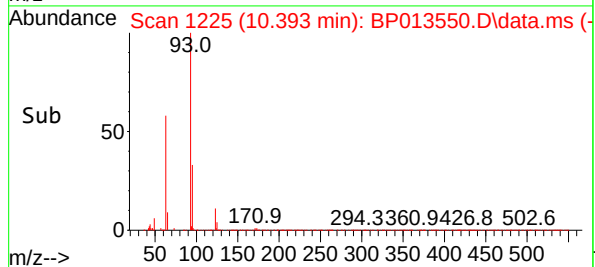
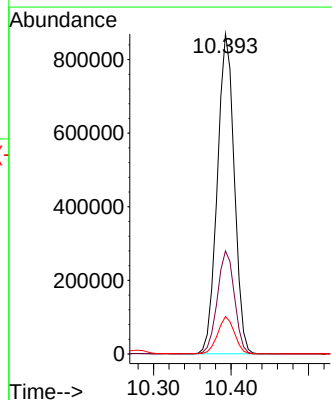
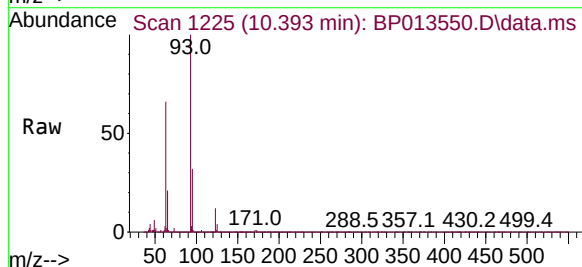
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

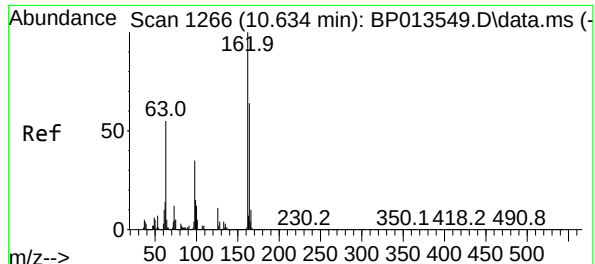
Tgt Ion:122 Resp: 964292
Ion Ratio Lower Upper
122 100
107 113.7 90.7 136.1
121 58.3 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 51.129 ng
RT: 10.393 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BP013550.D
Acq: 23 Jan 2023 14:17

Tgt Ion: 93 Resp: 1319988
Ion Ratio Lower Upper
93 100
95 32.2 25.8 38.8
123 11.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 53.168 ng

RT: 10.634 min Scan# 1266

Delta R.T. 0.000 min

Lab File: BP013550.D

Acq: 23 Jan 2023 14:17

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

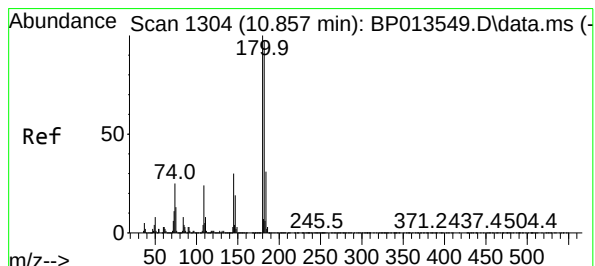
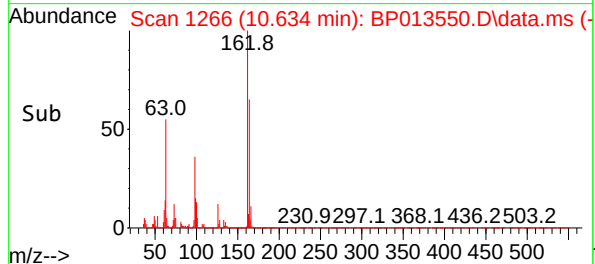
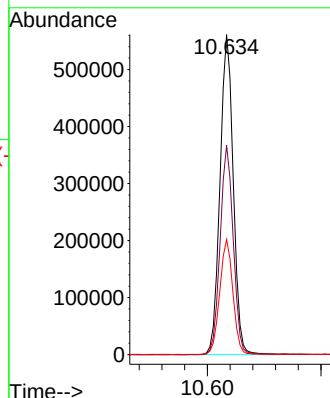
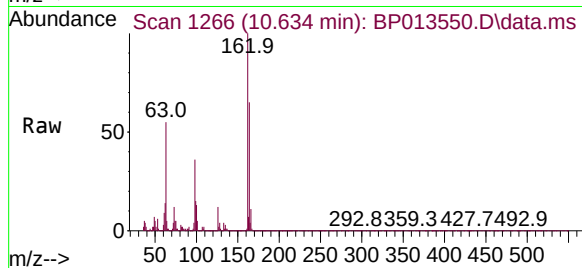
Tgt Ion:162 Resp: 904413

Ion Ratio Lower Upper

162 100

164 65.4 44.3 84.3

98 36.0 15.3 55.3



#30

1,2,4-Trichlorobenzene

Concen: 51.405 ng

RT: 10.857 min Scan# 1304

Delta R.T. 0.000 min

Lab File: BP013550.D

Acq: 23 Jan 2023 14:17

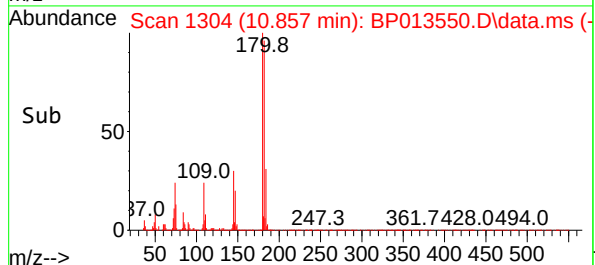
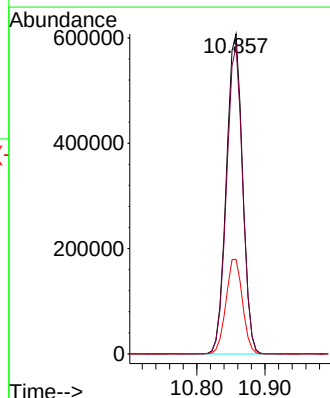
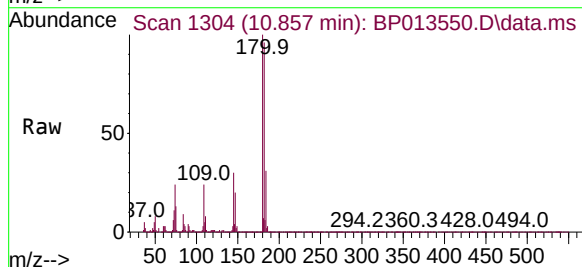
Tgt Ion:180 Resp: 997891

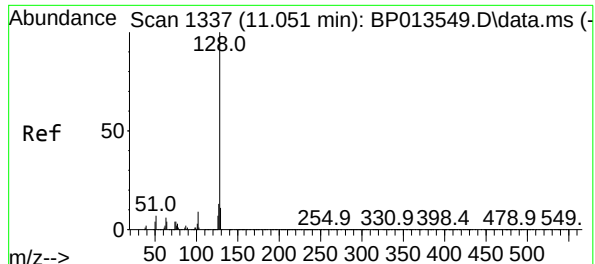
Ion Ratio Lower Upper

180 100

182 96.1 77.9 116.9

145 29.6 24.0 36.0





#31

Naphthalene

Concen: 51.295 ng

RT: 11.052 min Scan# 1337

Delta R.T. 0.000 min

Lab File: BP013550.D

Acq: 23 Jan 2023 14:17

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

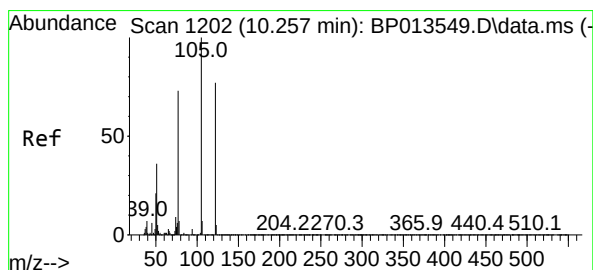
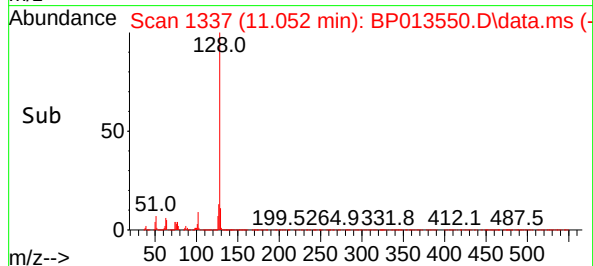
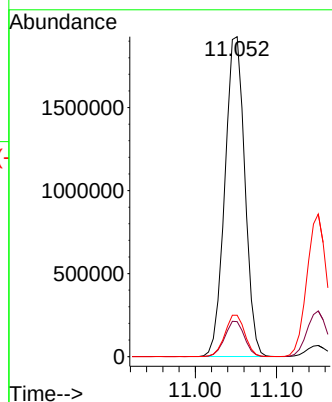
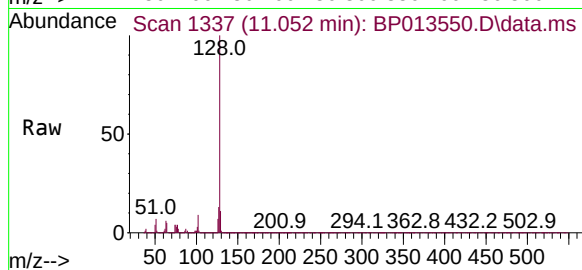
Tgt Ion:128 Resp: 3288111

Ion Ratio Lower Upper

128 100

129 10.9 8.5 12.7

127 12.9 10.6 16.0



#32

Benzoic acid

Concen: 55.925 ng

RT: 10.281 min Scan# 1206

Delta R.T. 0.024 min

Lab File: BP013550.D

Acq: 23 Jan 2023 14:17

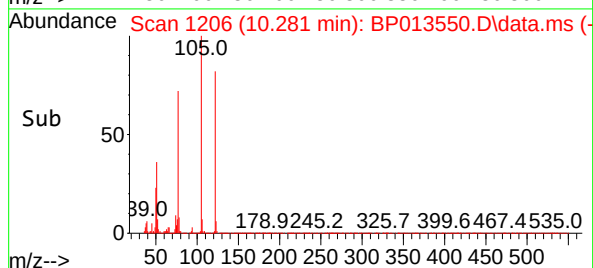
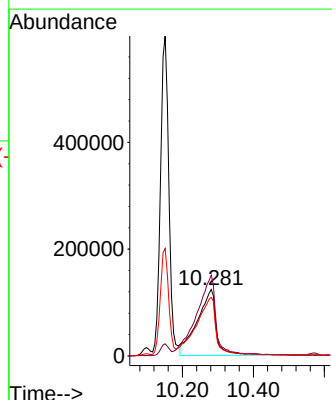
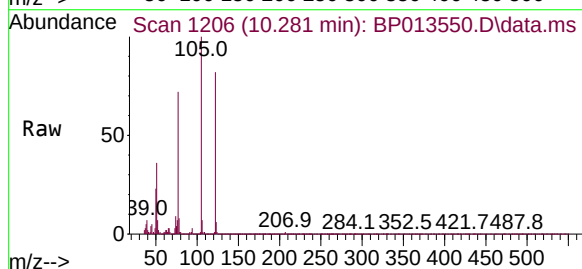
Tgt Ion:122 Resp: 461601

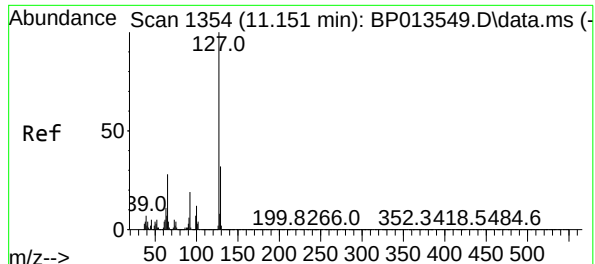
Ion Ratio Lower Upper

122 100

105 121.7 100.5 140.5

77 88.2 70.9 110.9



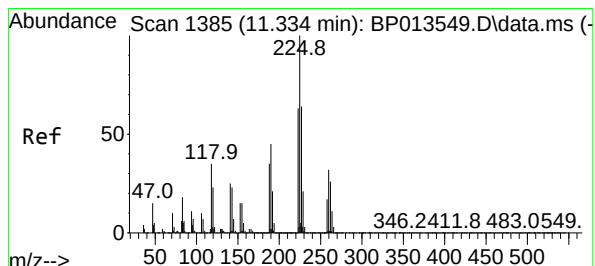
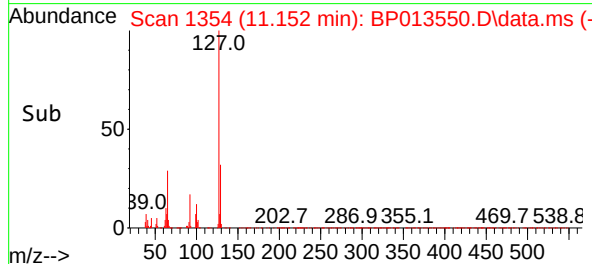
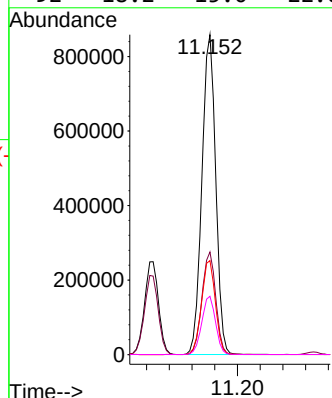
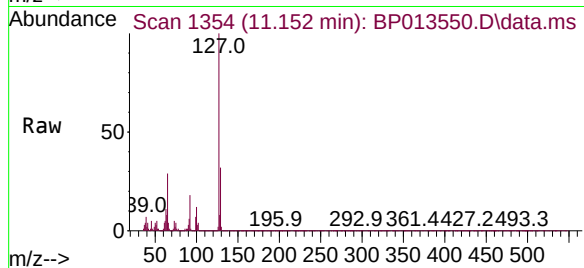


#33
4-Chloroaniline
Concen: 51.084 ng
RT: 11.152 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP013550.D
Acq: 23 Jan 2023 14:17

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:127 Resp: 1448908

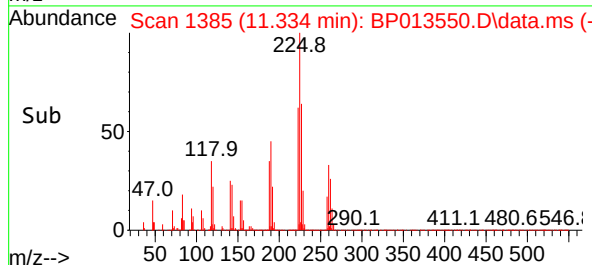
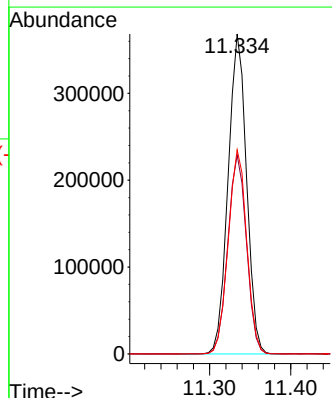
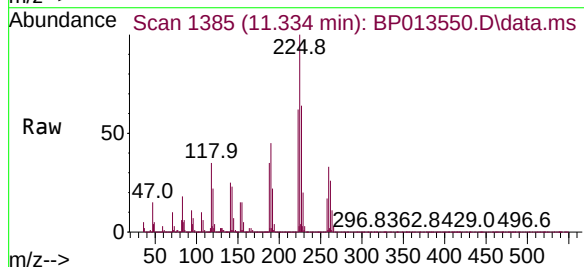
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.7	38.5
65	29.4	22.7	34.1
92	18.2	15.0	22.6

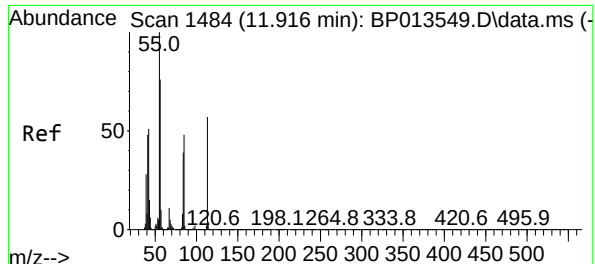


#34
Hexachlorobutadiene
Concen: 51.308 ng
RT: 11.334 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BP013550.D
Acq: 23 Jan 2023 14:17

Tgt Ion:225 Resp: 579624

Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.2	75.2
227	63.8	51.4	77.2





#35

Caprolactam

Concen: 50.992 ng

RT: 11.928 min Scan# 1484

Delta R.T. 0.012 min

Lab File: BP013550.D

Acq: 23 Jan 2023 14:17

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

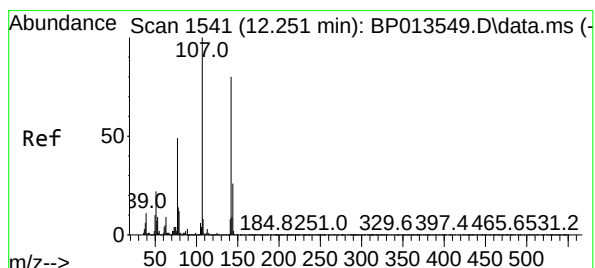
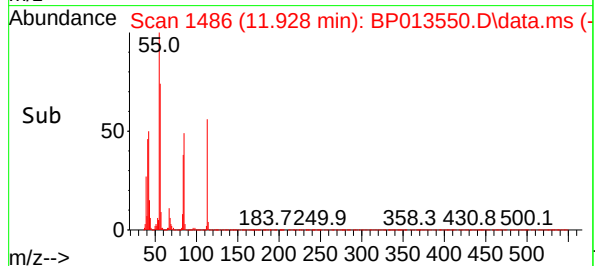
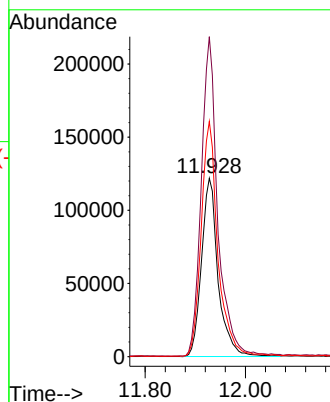
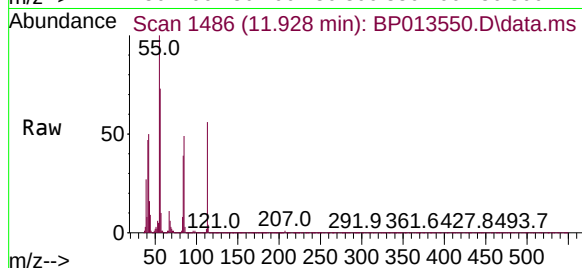
Tgt Ion:113 Resp: 280183

Ion Ratio Lower Upper

113 100

55 179.5 156.5 196.5

56 131.9 113.5 153.5



#36

4-Chloro-3-methylphenol

Concen: 52.337 ng

RT: 12.257 min Scan# 1542

Delta R.T. 0.006 min

Lab File: BP013550.D

Acq: 23 Jan 2023 14:17

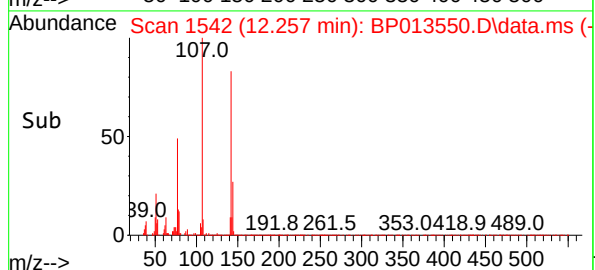
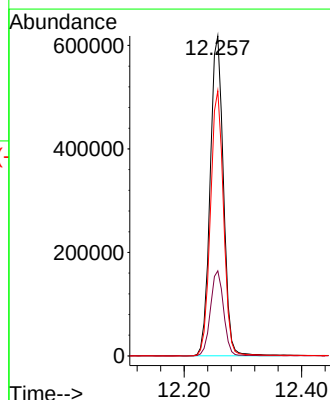
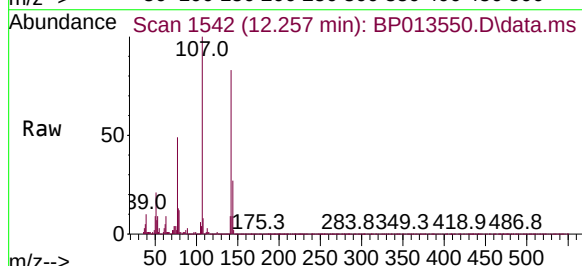
Tgt Ion:107 Resp: 969564

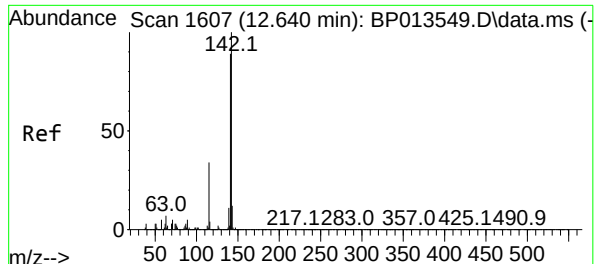
Ion Ratio Lower Upper

107 100

144 26.6 21.1 31.7

142 82.8 64.0 96.0

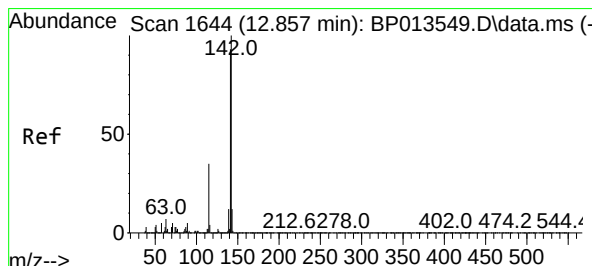
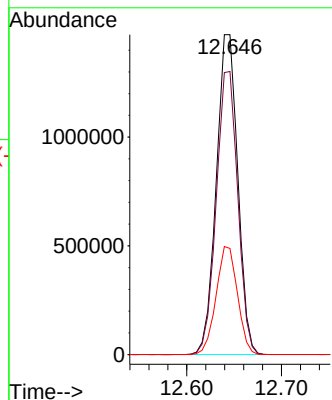
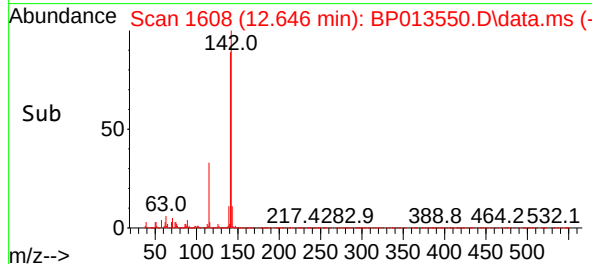
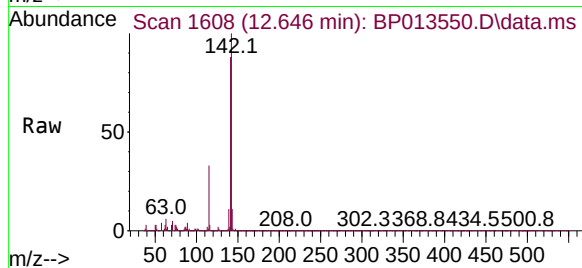




#37
2-Methylnaphthalene
Concen: 50.871 ng
RT: 12.646 min Scan# 1607
Delta R.T. 0.006 min
Lab File: BP013550.D
Acq: 23 Jan 2023 14:17

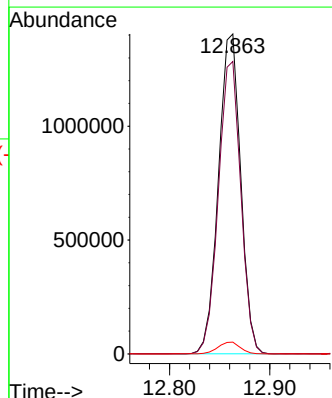
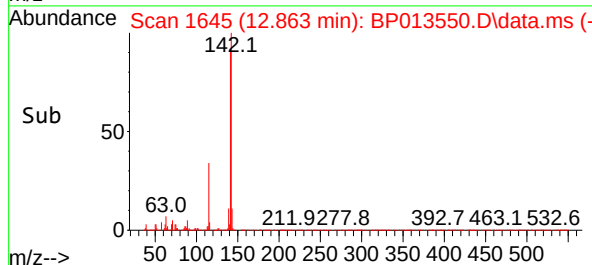
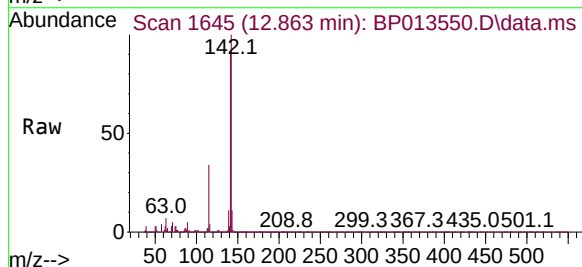
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

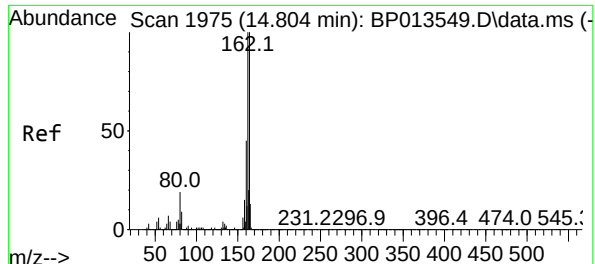
Tgt Ion:142 Resp: 2317868
Ion Ratio Lower Upper
142 100
141 88.5 71.4 107.2
115 33.2 27.4 41.2



#38
1-Methylnaphthalene
Concen: 50.702 ng
RT: 12.863 min Scan# 1645
Delta R.T. 0.006 min
Lab File: BP013550.D
Acq: 23 Jan 2023 14:17

Tgt Ion:142 Resp: 2170752
Ion Ratio Lower Upper
142 100
141 91.4 74.3 111.5
116 3.7 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.804 min Scan# 1975

Delta R.T. 0.000 min

Lab File: BP013550.D

Acq: 23 Jan 2023 14:17

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

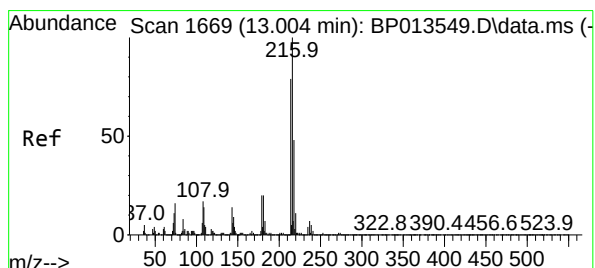
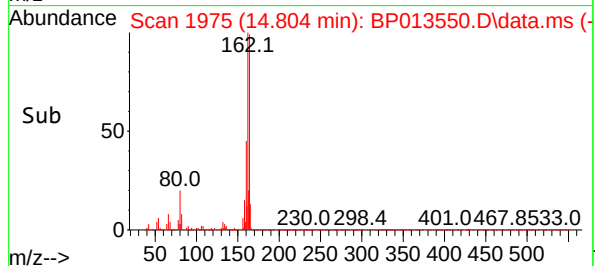
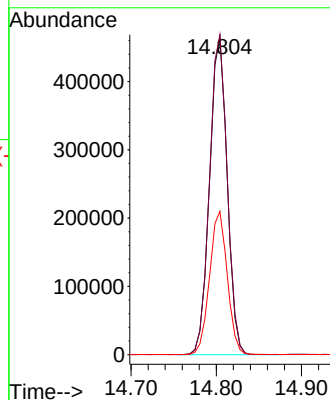
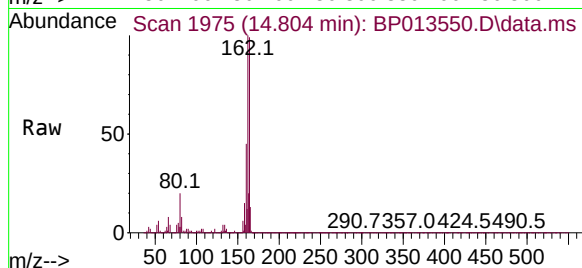
Tgt Ion:164 Resp: 666536

Ion Ratio Lower Upper

164 100

162 100.8 80.1 120.1

160 45.0 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.009 ng

RT: 13.004 min Scan# 1669

Delta R.T. 0.000 min

Lab File: BP013550.D

Acq: 23 Jan 2023 14:17

Tgt Ion:216 Resp: 1087777

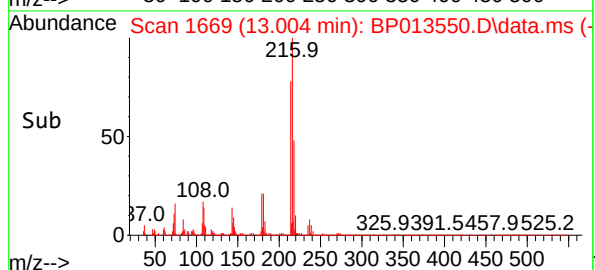
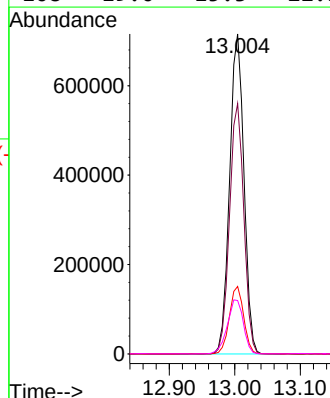
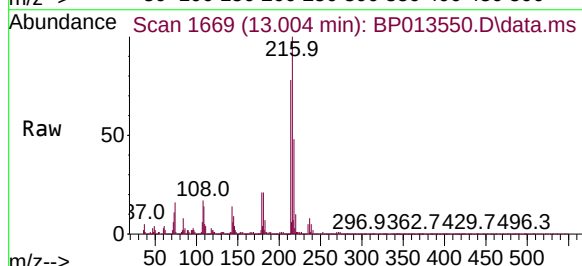
Ion Ratio Lower Upper

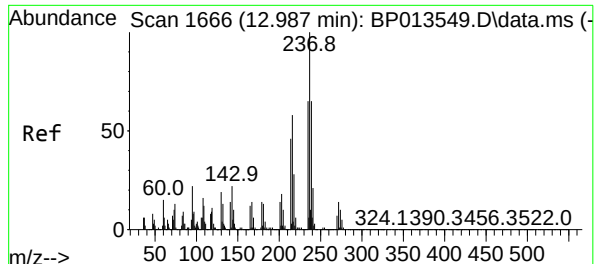
216 100

214 78.2 62.9 94.3

179 21.0 16.6 24.8

108 19.0 15.3 22.9





#41

Hexachlorocyclopentadiene

Concen: 56.046 ng

RT: 12.987 min Scan# 1666

Delta R.T. 0.000 min

Lab File: BP013550.D

Acq: 23 Jan 2023 14:17

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

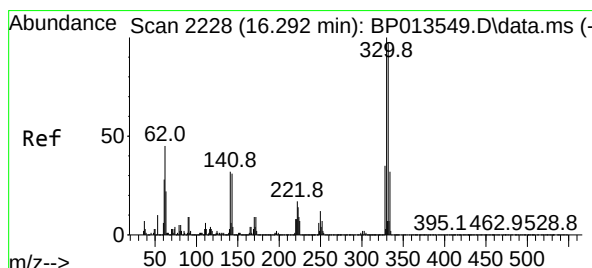
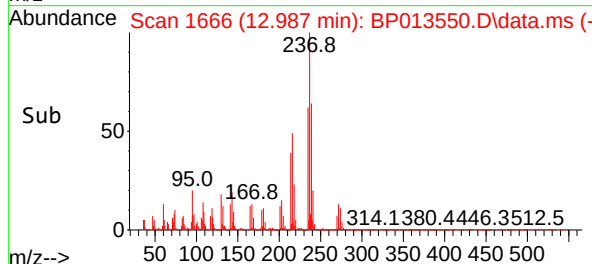
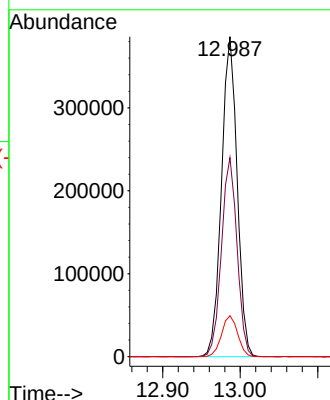
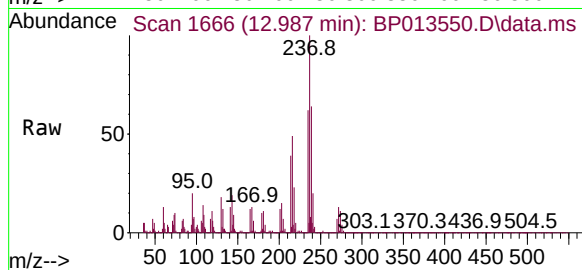
Tgt Ion:237 Resp: 541403

Ion Ratio Lower Upper

237 100

235 62.2 44.6 84.6

272 12.8 0.0 33.9



#42

2,4,6-Tribromophenol

Concen: 108.603 ng

RT: 16.292 min Scan# 2228

Delta R.T. 0.000 min

Lab File: BP013550.D

Acq: 23 Jan 2023 14:17

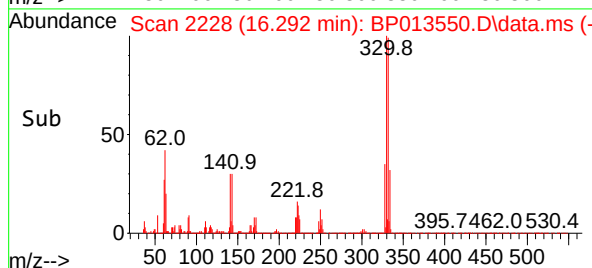
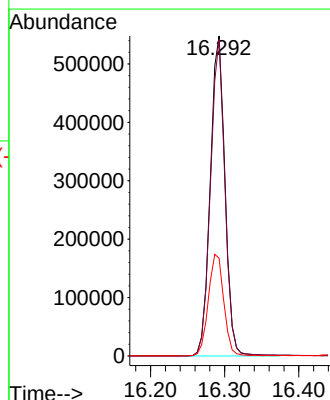
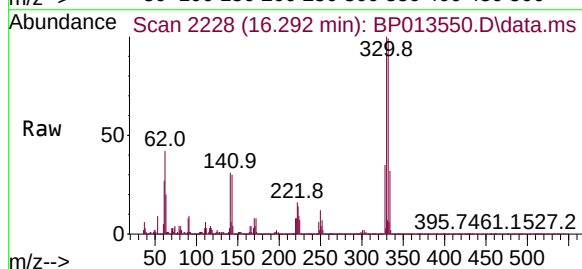
Tgt Ion:330 Resp: 754706

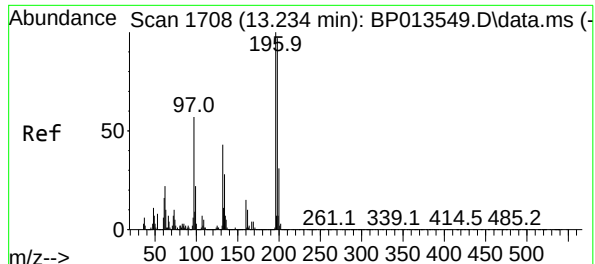
Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.2

141 33.4 27.6 41.4

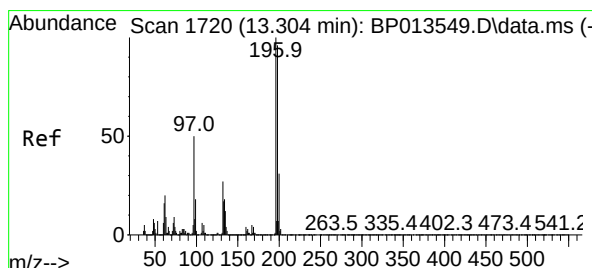
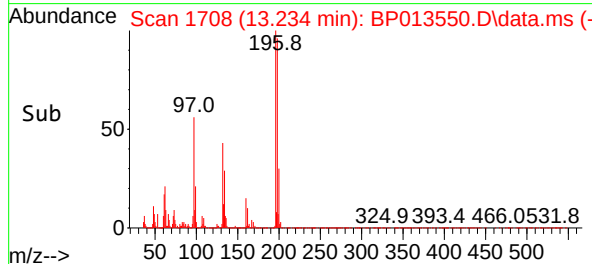
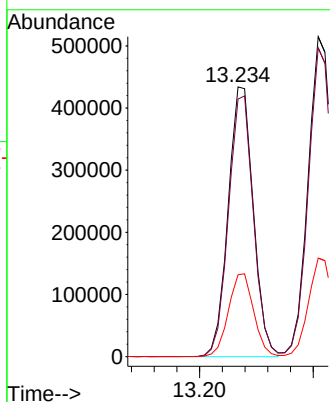
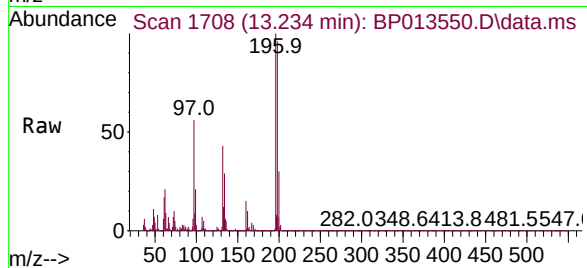




#43
2,4,6-Trichlorophenol
Concen: 55.649 ng
RT: 13.234 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BP013550.D
Acq: 23 Jan 2023 14:17

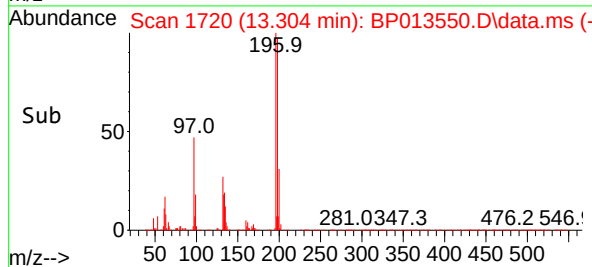
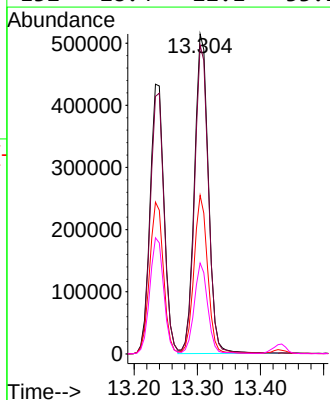
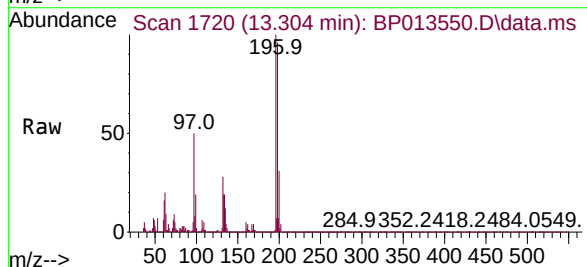
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

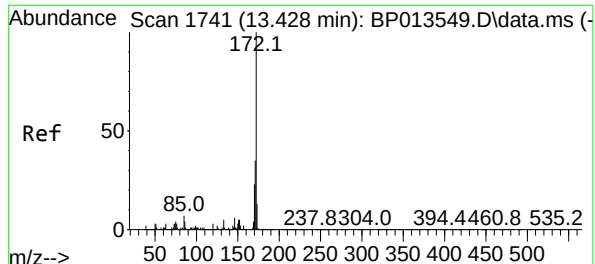
Tgt Ion:196 Resp: 668351
Ion Ratio Lower Upper
196 100
198 95.5 77.3 115.9
200 30.4 24.6 36.8



#44
2,4,5-Trichlorophenol
Concen: 55.602 ng
RT: 13.304 min Scan# 1720
Delta R.T. 0.000 min
Lab File: BP013550.D
Acq: 23 Jan 2023 14:17

Tgt Ion:196 Resp: 789102
Ion Ratio Lower Upper
196 100
198 96.5 76.7 115.1
97 49.5 40.0 60.0
132 28.4 22.1 33.1

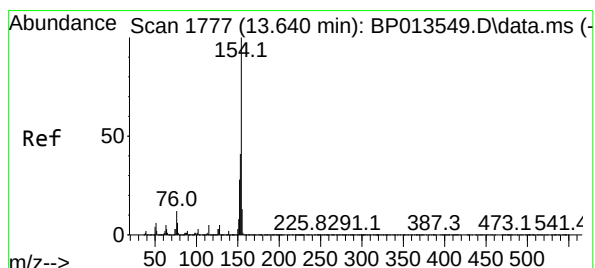
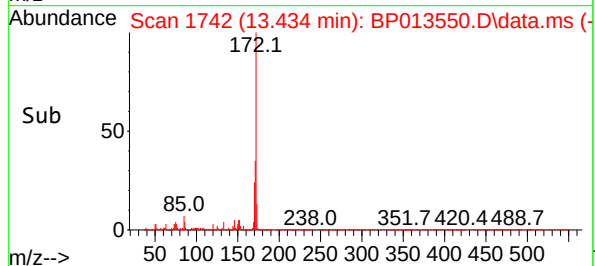
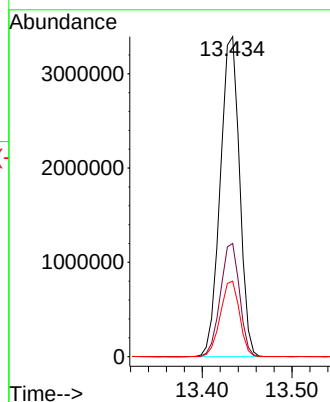
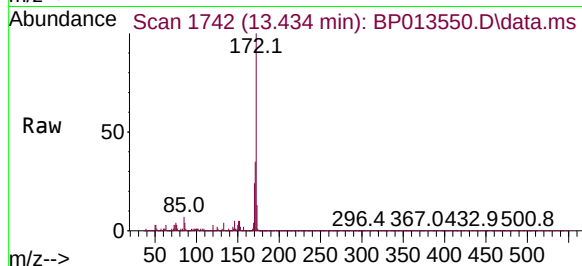




#45
2-Fluorobiphenyl
Concen: 104.601 ng
RT: 13.434 min Scan# 1741
Delta R.T. 0.006 min
Lab File: BP013550.D
Acq: 23 Jan 2023 14:17

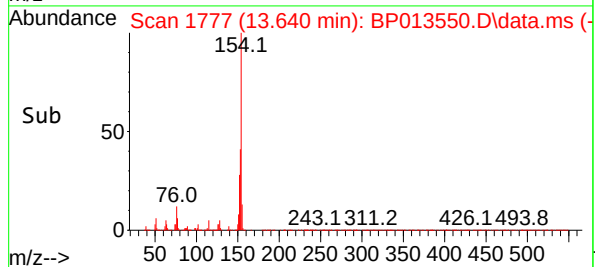
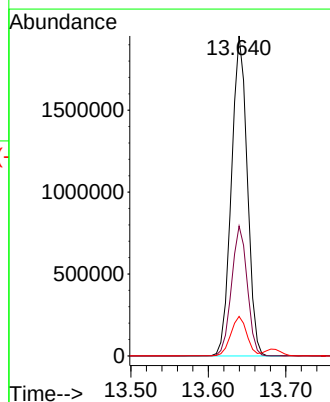
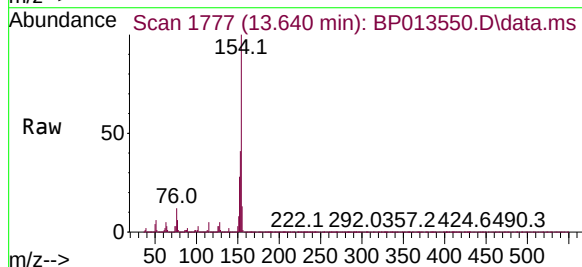
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

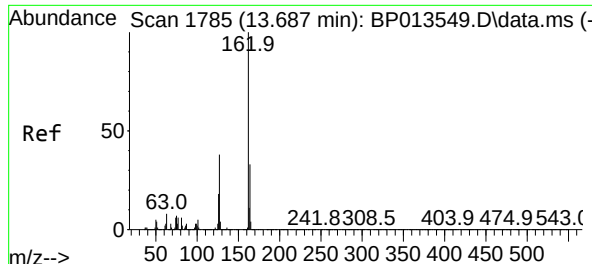
Tgt Ion:172 Resp: 5079236
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.8
170 23.6 18.6 27.8



#46
1,1'-Biphenyl
Concen: 52.039 ng
RT: 13.640 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BP013550.D
Acq: 23 Jan 2023 14:17

Tgt Ion:154 Resp: 2785653
Ion Ratio Lower Upper
154 100
153 40.6 20.5 60.5
76 12.3 0.0 32.1





#47

2-Chloronaphthalene

Concen: 51.989 ng

RT: 13.687 min Scan# 1785

Delta R.T. 0.000 min

Lab File: BP013550.D

Acq: 23 Jan 2023 14:17

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

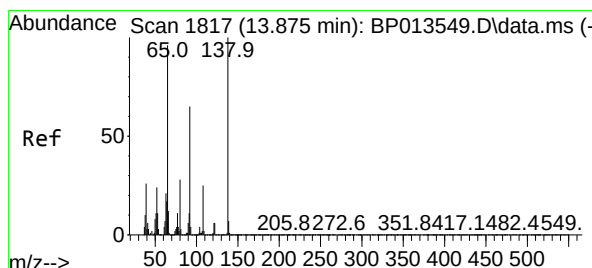
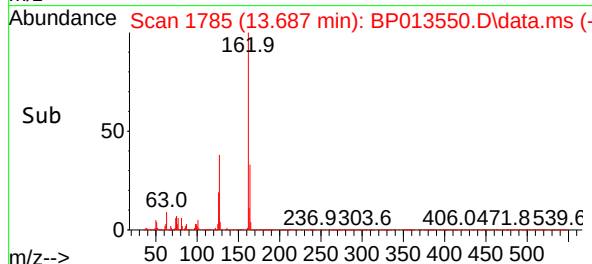
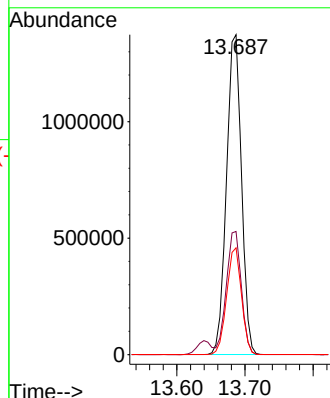
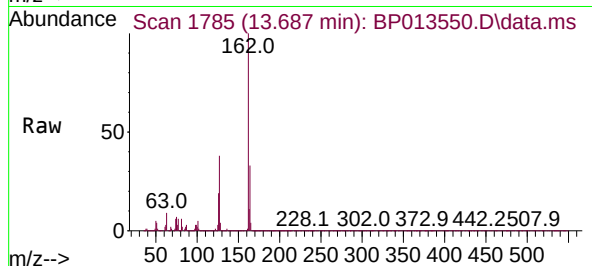
Tgt Ion:162 Resp: 2084939

Ion Ratio Lower Upper

162 100

127 38.5 30.8 46.2

164 33.4 26.2 39.2



#48

2-Nitroaniline

Concen: 61.312 ng

RT: 13.881 min Scan# 1818

Delta R.T. 0.006 min

Lab File: BP013550.D

Acq: 23 Jan 2023 14:17

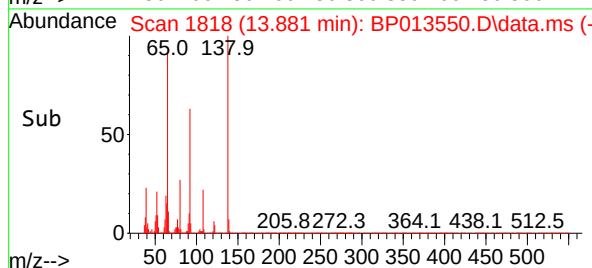
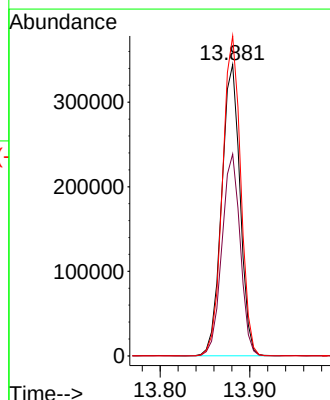
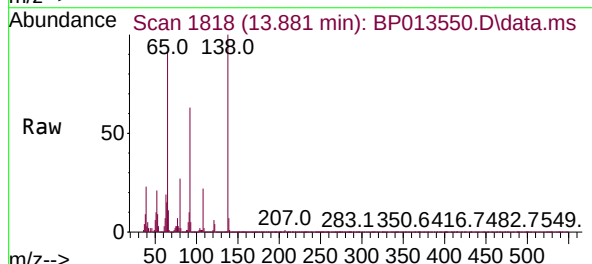
Tgt Ion: 65 Resp: 491967

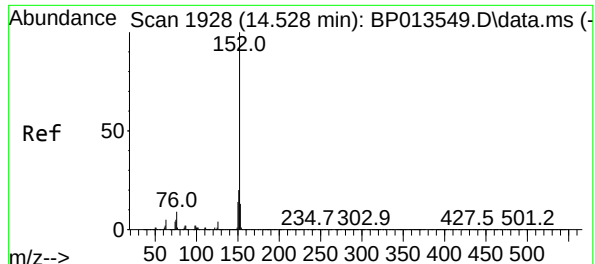
Ion Ratio Lower Upper

65 100

92 69.3 54.1 81.1

138 109.8 83.6 125.4





#49

Acenaphthylene

Concen: 51.871 ng

RT: 14.528 min Scan# 1928

Delta R.T. 0.000 min

Lab File: BP013550.D

Acq: 23 Jan 2023 14:17

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

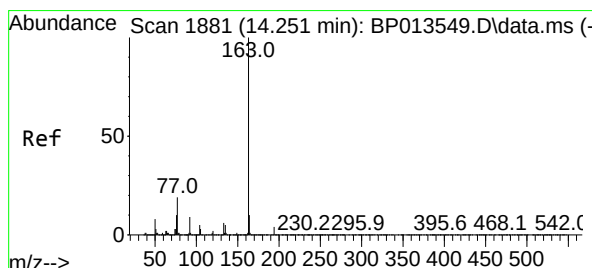
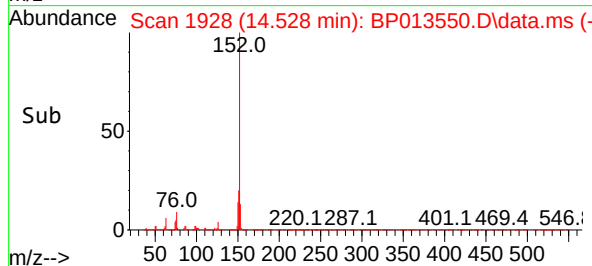
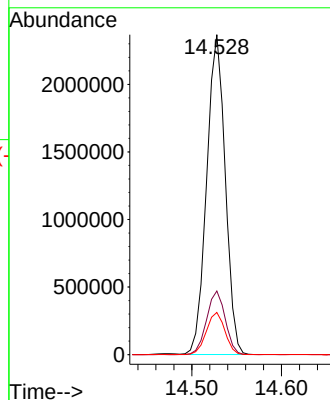
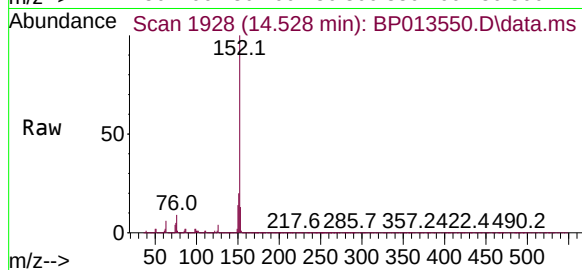
Tgt Ion:152 Resp: 3401907

Ion Ratio Lower Upper

152 100

151 19.9 16.1 24.1

153 13.2 10.1 15.1



#50

Dimethylphthalate

Concen: 51.043 ng

RT: 14.251 min Scan# 1881

Delta R.T. 0.000 min

Lab File: BP013550.D

Acq: 23 Jan 2023 14:17

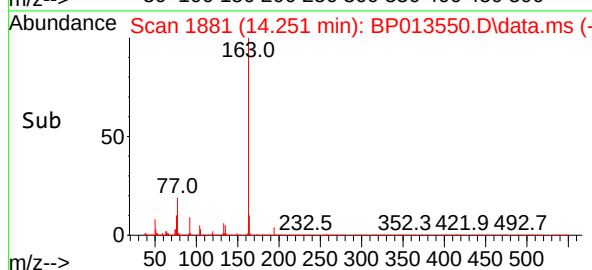
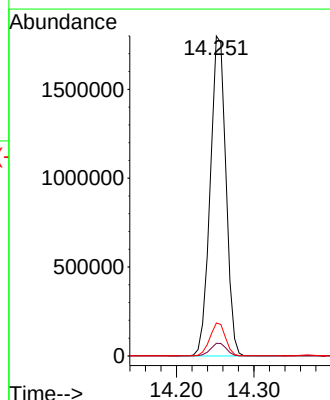
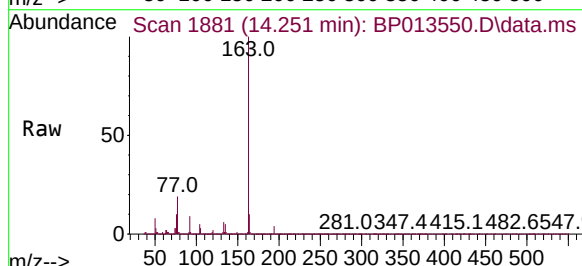
Tgt Ion:163 Resp: 2529035

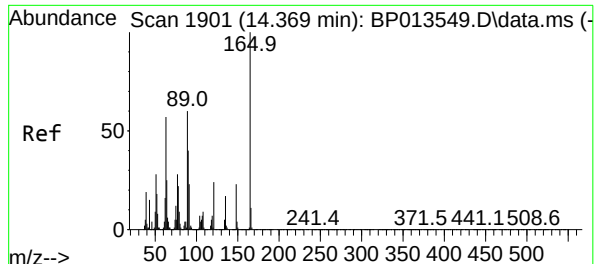
Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 10.3 8.1 12.1

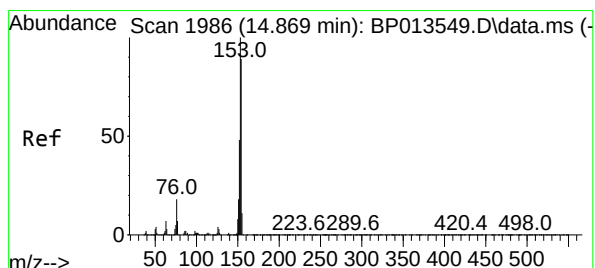
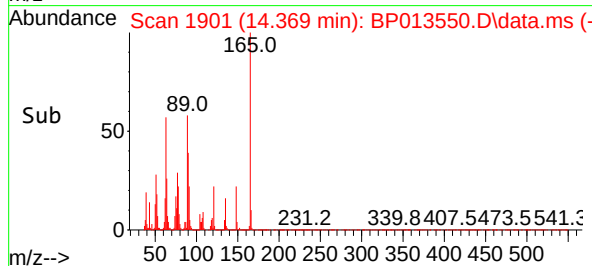
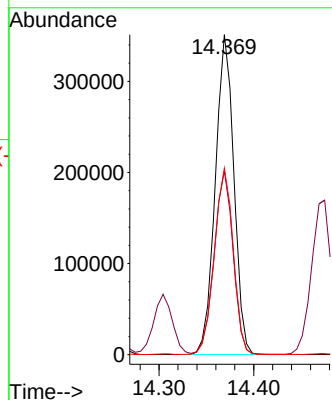
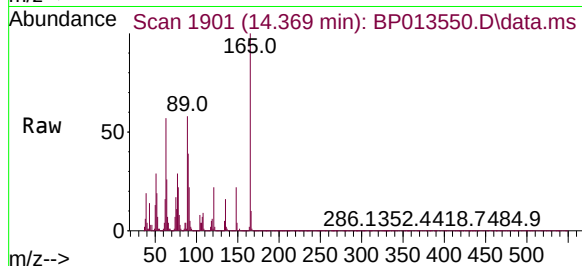




#51
2,6-Dinitrotoluene
Concen: 59.732 ng
RT: 14.369 min Scan# 1901
Delta R.T. 0.000 min
Lab File: BP013550.D
Acq: 23 Jan 2023 14:17

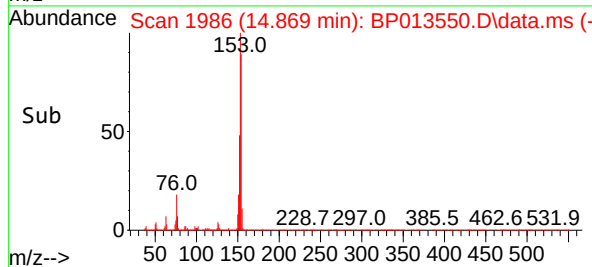
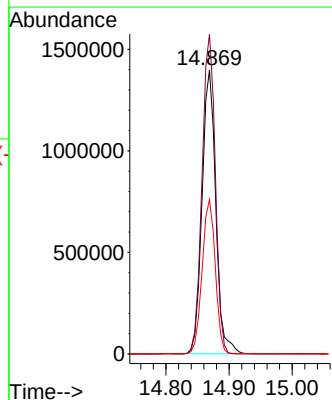
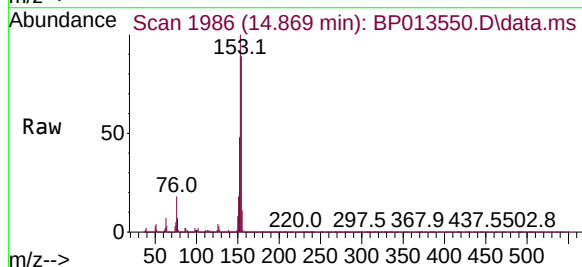
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

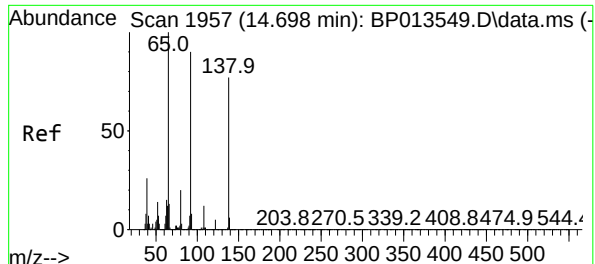
Tgt Ion:165 Resp: 477861
Ion Ratio Lower Upper
165 100
63 57.4 47.2 70.8
89 58.3 47.8 71.6



#52
Acenaphthene
Concen: 51.951 ng
RT: 14.869 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BP013550.D
Acq: 23 Jan 2023 14:17

Tgt Ion:154 Resp: 2104645
Ion Ratio Lower Upper
154 100
153 112.7 89.4 134.0
152 54.4 42.7 64.1

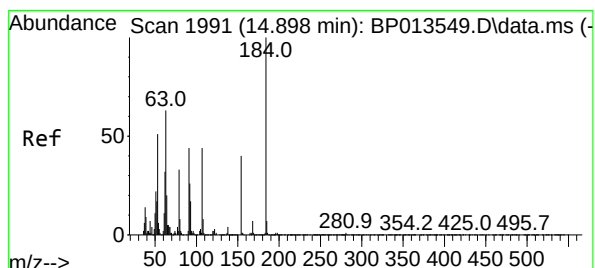
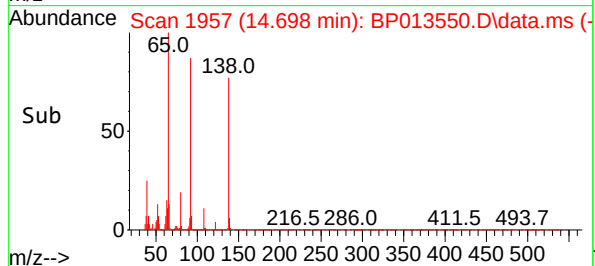
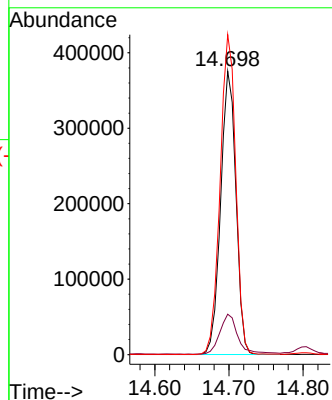
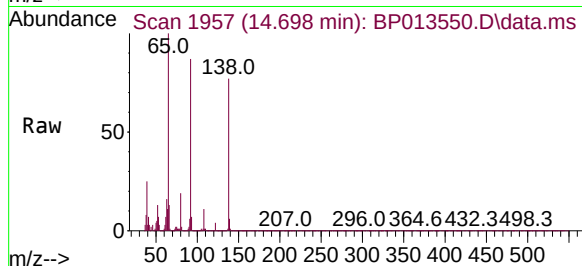




#53
3-Nitroaniline
Concen: 58.593 ng
RT: 14.698 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BP013550.D
Acq: 23 Jan 2023 14:17

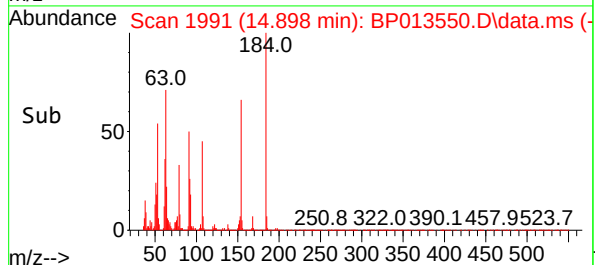
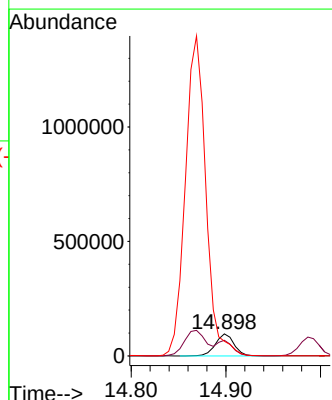
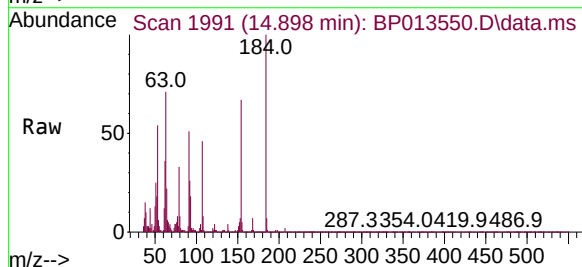
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

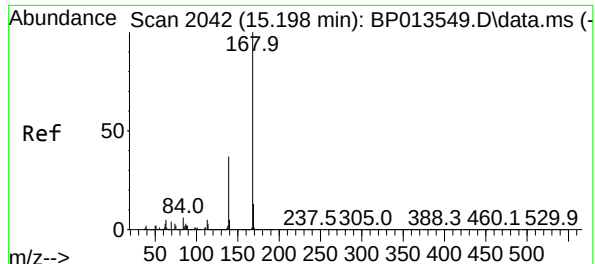
Tgt Ion	Ratio	Lower	Upper
138	100		
108	14.2	12.8	19.2
92	112.9	93.3	139.9



#54
2,4-Dinitrophenol
Concen: 53.521 ng
RT: 14.898 min Scan# 1991
Delta R.T. 0.000 min
Lab File: BP013550.D
Acq: 23 Jan 2023 14:17

Tgt Ion	Ratio	Lower	Upper
184	100		
63	71.0	53.2	79.8
154	66.5	54.4	81.6

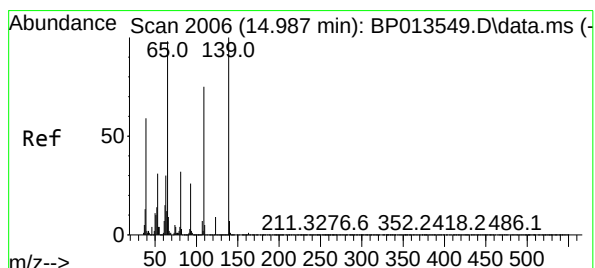
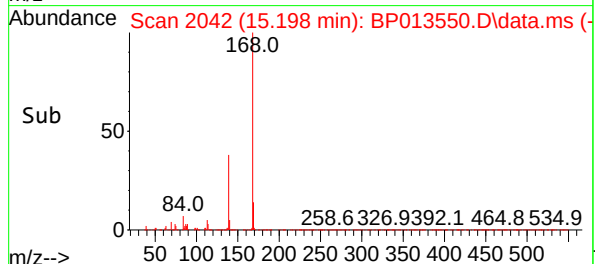
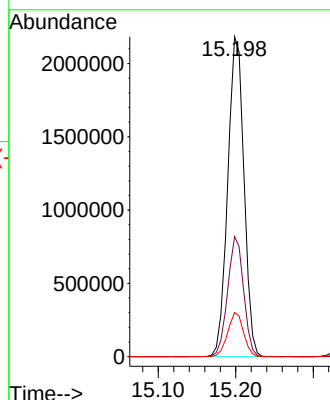
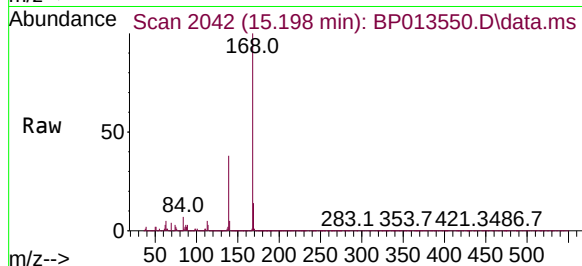




#55
Dibenzofuran
Concen: 51.250 ng
RT: 15.198 min Scan# 2042
Delta R.T. 0.000 min
Lab File: BP013550.D
Acq: 23 Jan 2023 14:17

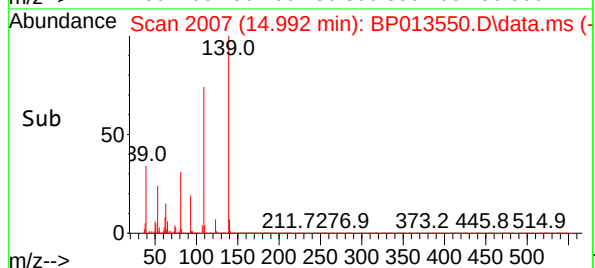
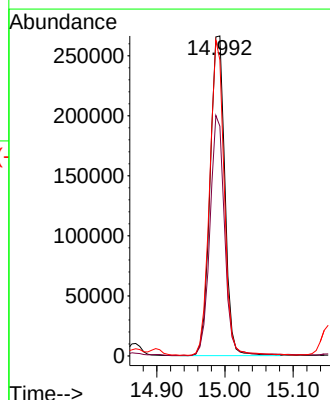
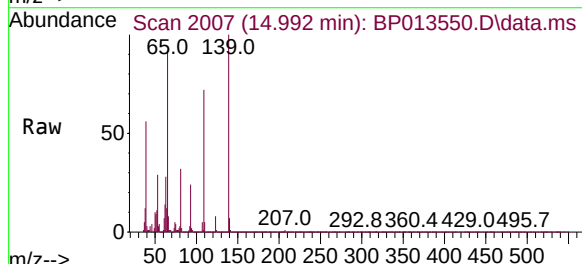
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

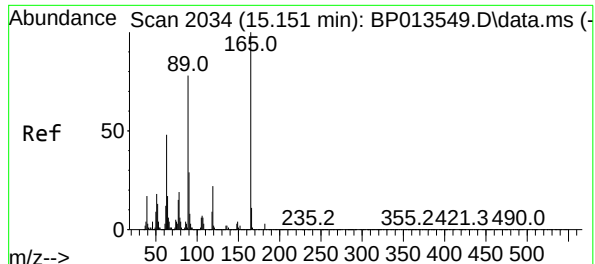
Tgt Ion:168 Resp: 3183762
Ion Ratio Lower Upper
168 100
139 37.5 29.9 44.9
169 13.8 10.7 16.1



#56
4-Nitrophenol
Concen: 53.652 ng
RT: 14.992 min Scan# 2007
Delta R.T. 0.006 min
Lab File: BP013550.D
Acq: 23 Jan 2023 14:17

Tgt Ion:139 Resp: 401431
Ion Ratio Lower Upper
139 100
109 71.8 55.0 95.0
65 92.5 77.7 117.7

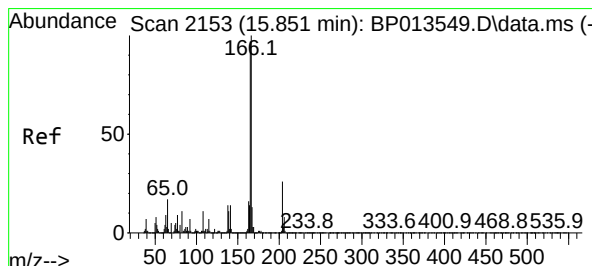
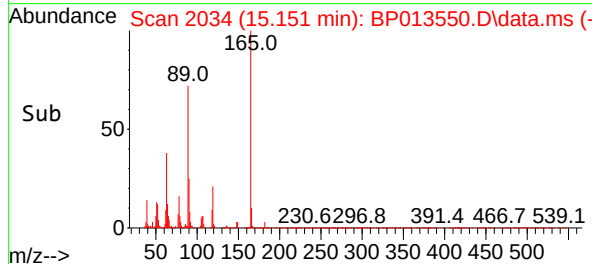
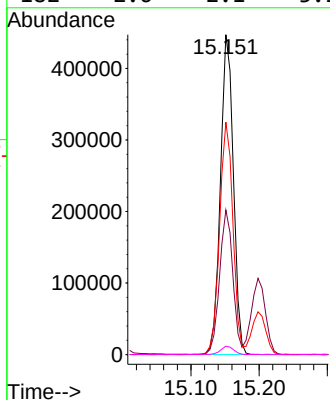
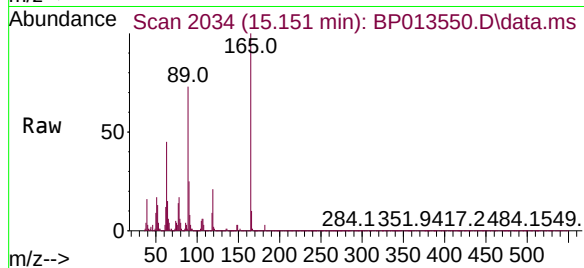




#57
2,4-Dinitrotoluene
Concen: 60.727 ng
RT: 15.151 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BP013550.D
Acq: 23 Jan 2023 14:17

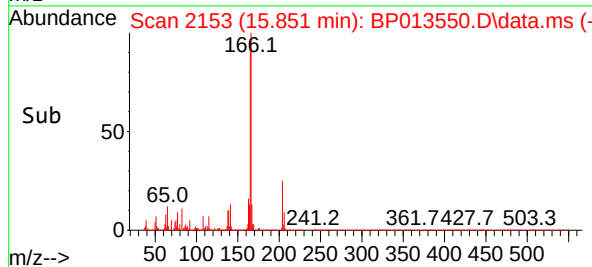
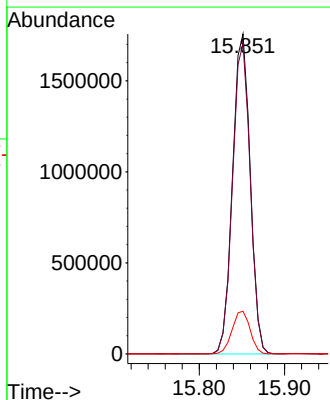
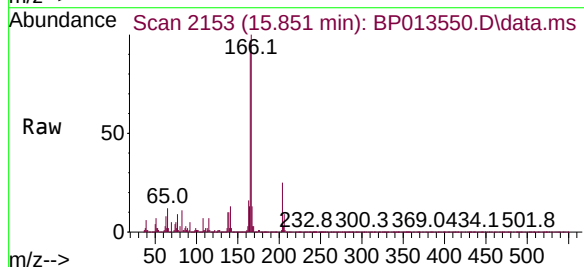
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

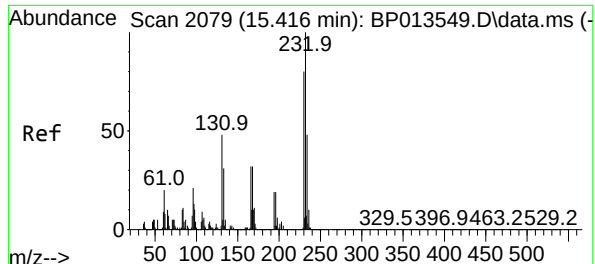
Tgt Ion:165 Resp: 584091
Ion Ratio Lower Upper
165 100
63 45.2 38.3 57.5
89 72.6 62.1 93.1
182 2.6 2.1 3.1



#58
Fluorene
Concen: 51.073 ng
RT: 15.851 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BP013550.D
Acq: 23 Jan 2023 14:17

Tgt Ion:166 Resp: 2521774
Ion Ratio Lower Upper
166 100
165 97.0 77.8 116.8
167 13.3 10.7 16.1

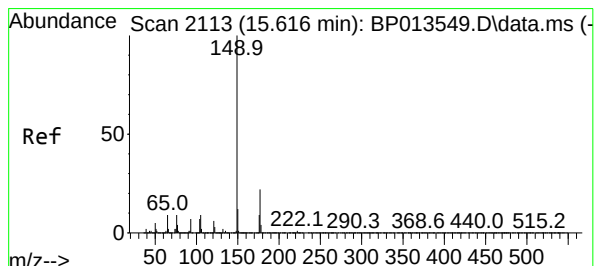
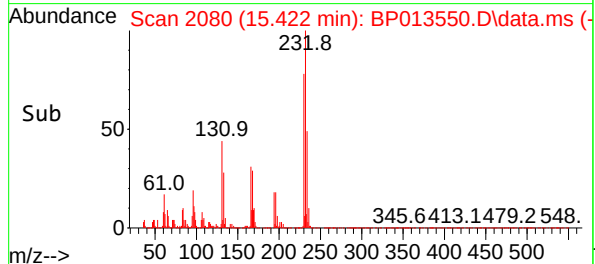
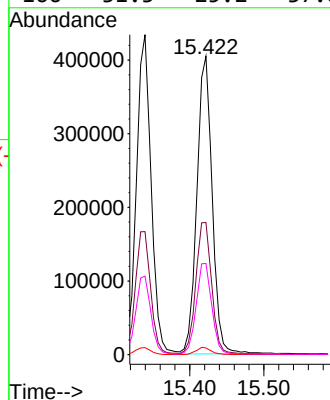
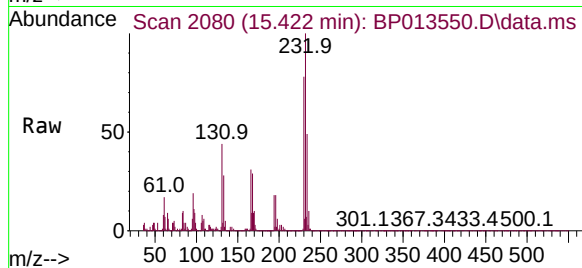




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.268 ng
RT: 15.422 min Scan# 2079
Delta R.T. 0.006 min
Lab File: BP013550.D
Acq: 23 Jan 2023 14:17

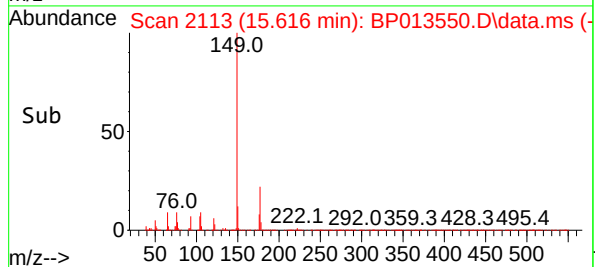
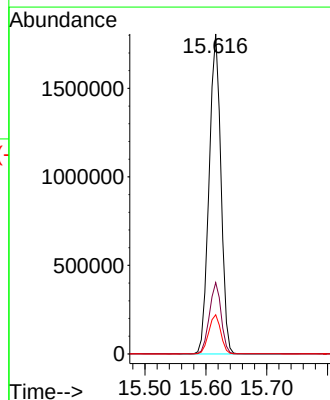
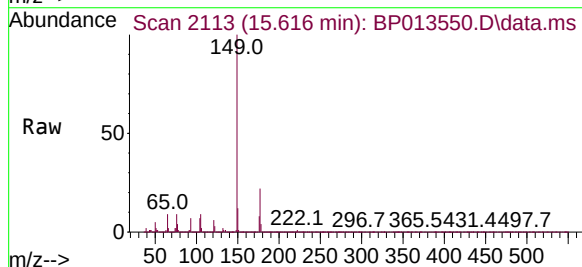
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

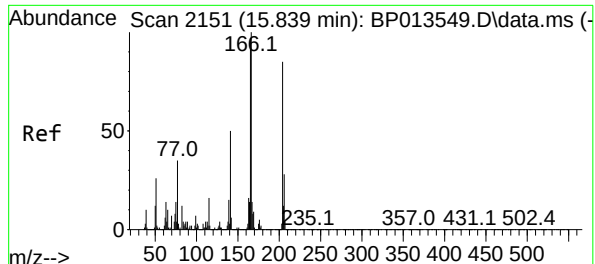
Tgt Ion:232 Resp: 580482
Ion Ratio Lower Upper
232 100
131 45.9 37.1 55.7
130 2.4 1.9 2.9
166 31.3 25.2 37.8



#60
Diethylphthalate
Concen: 50.217 ng
RT: 15.616 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BP013550.D
Acq: 23 Jan 2023 14:17

Tgt Ion:149 Resp: 2430120
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.6
150 12.2 9.8 14.6

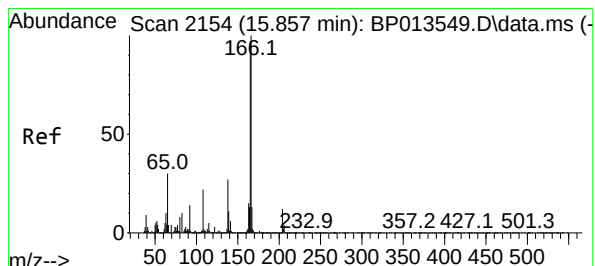
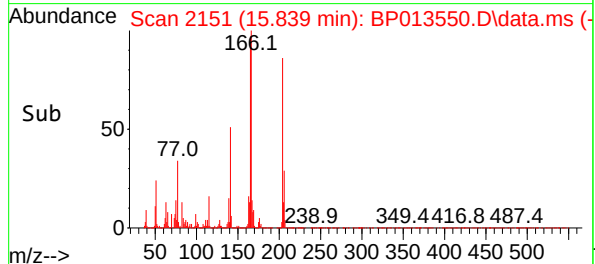
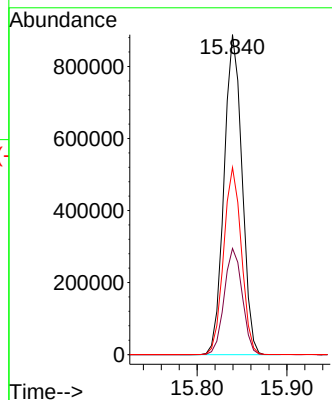
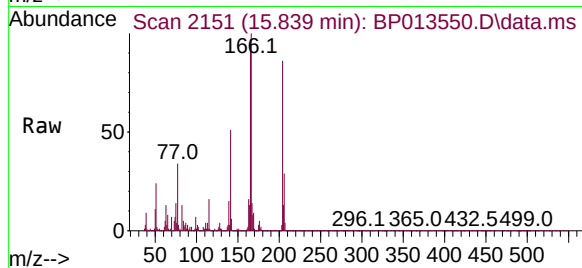




#61
4-Chlorophenyl-phenylether
Concen: 51.039 ng
RT: 15.839 min Scan# 2151
Delta R.T. 0.000 min
Lab File: BP013550.D
Acq: 23 Jan 2023 14:17

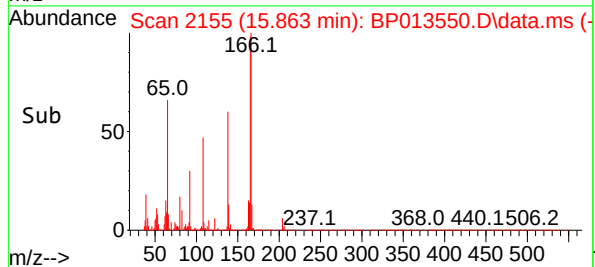
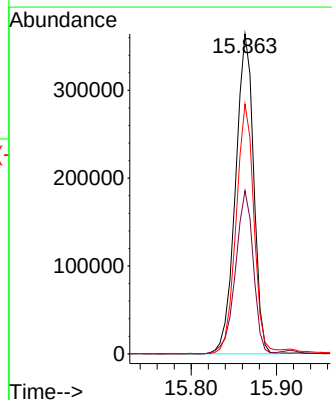
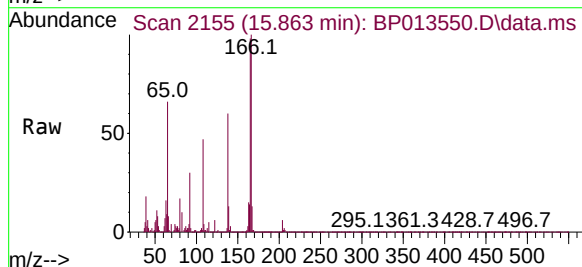
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

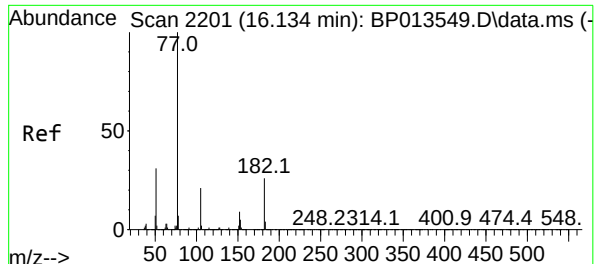
Tgt Ion:204 Resp: 1239146
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 58.5 47.0 70.4



#62
4-Nitroaniline
Concen: 57.443 ng
RT: 15.863 min Scan# 2155
Delta R.T. 0.006 min
Lab File: BP013550.D
Acq: 23 Jan 2023 14:17

Tgt Ion:138 Resp: 537563
Ion Ratio Lower Upper
138 100
92 51.0 32.3 72.3
108 78.1 59.2 99.2





#63

Azobenzene

Concen: 50.214 ng

RT: 16.134 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BP013550.D

Acq: 23 Jan 2023 14:17

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 77 Resp: 2361237

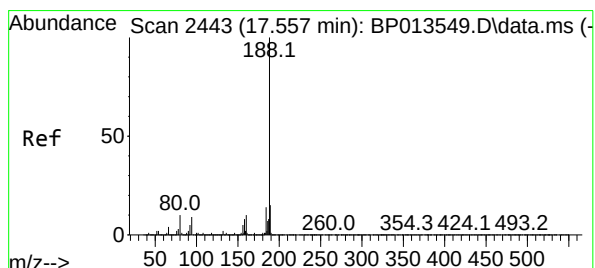
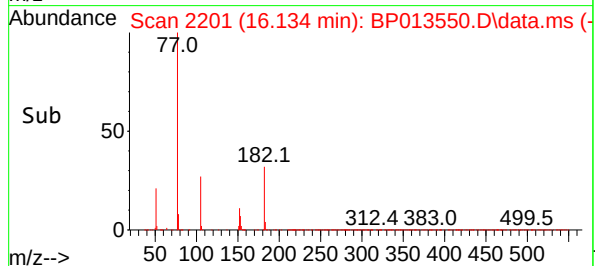
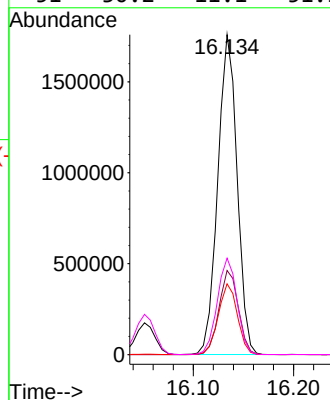
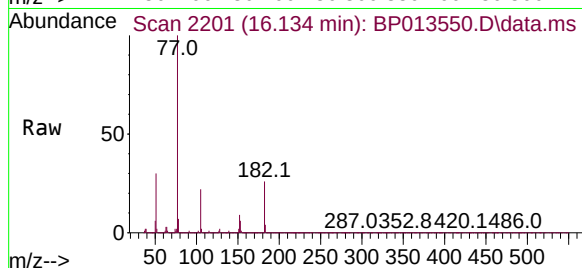
Ion Ratio Lower Upper

77 100

182 26.3 5.5 45.5

105 22.1 1.4 41.4

51 30.2 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.557 min Scan# 2443

Delta R.T. 0.000 min

Lab File: BP013550.D

Acq: 23 Jan 2023 14:17

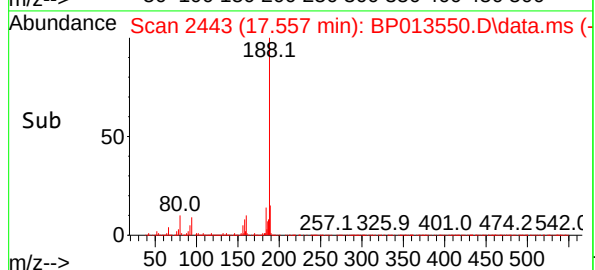
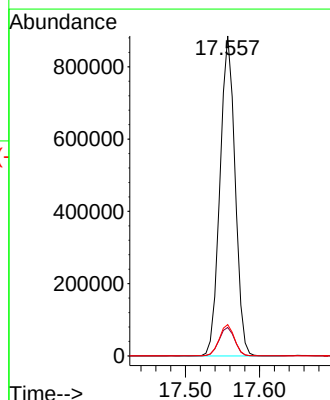
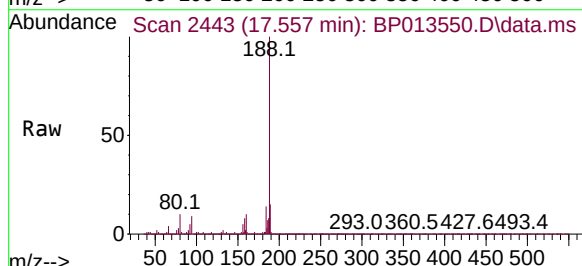
Tgt Ion:188 Resp: 1253307

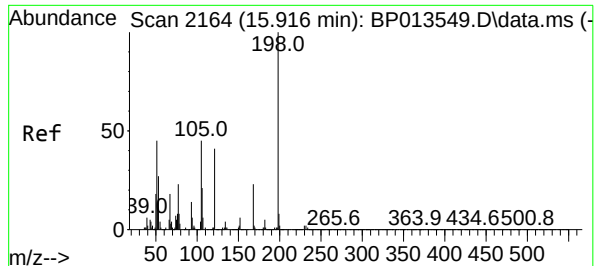
Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

80 9.8 8.2 12.2





#65

4,6-Dinitro-2-methylphenol

Concen: 56.412 ng

RT: 15.916 min Scan# 2164

Delta R.T. 0.000 min

Lab File: BP013550.D

Acq: 23 Jan 2023 14:17

Instrument :

BNA_P

ClientSampleId :

SSTDIC050

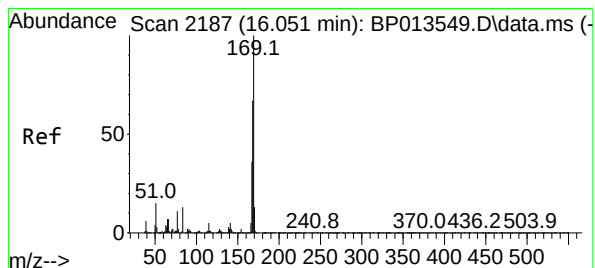
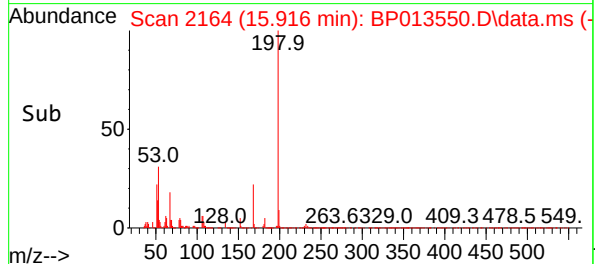
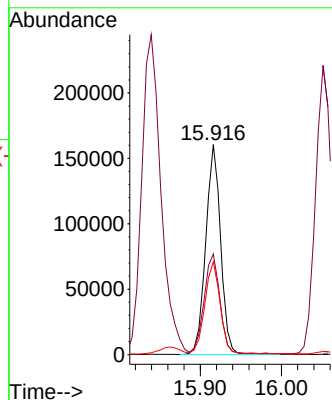
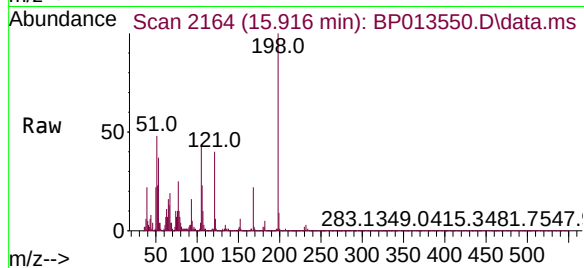
Tgt Ion:198 Resp: 204333

Ion Ratio Lower Upper

198 100

51 47.9 30.4 70.4

105 44.1 26.4 66.4



#66

n-Nitrosodiphenylamine

Concen: 52.560 ng

RT: 16.051 min Scan# 2187

Delta R.T. 0.000 min

Lab File: BP013550.D

Acq: 23 Jan 2023 14:17

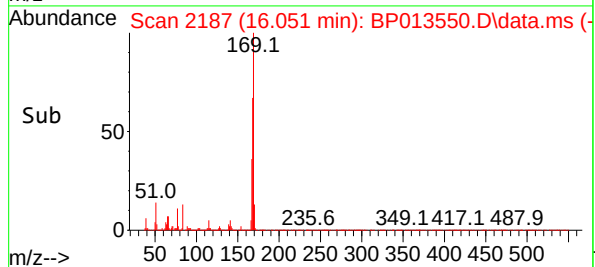
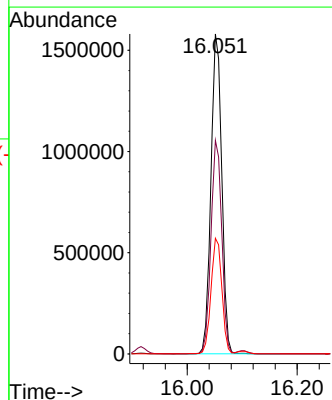
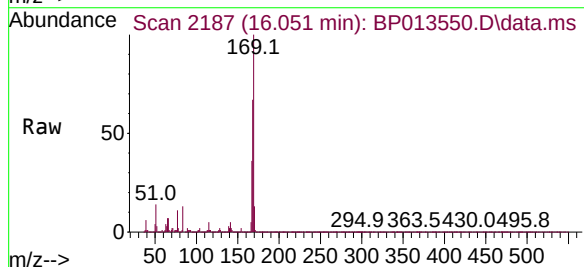
Tgt Ion:169 Resp: 2148206

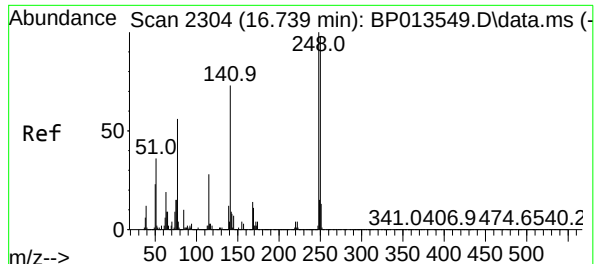
Ion Ratio Lower Upper

169 100

168 66.7 54.0 81.0

167 36.1 29.0 43.6

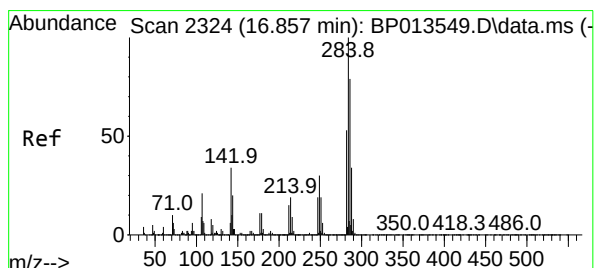
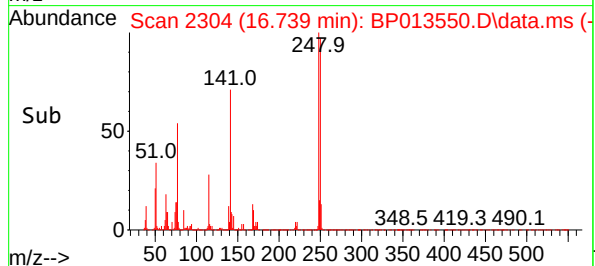
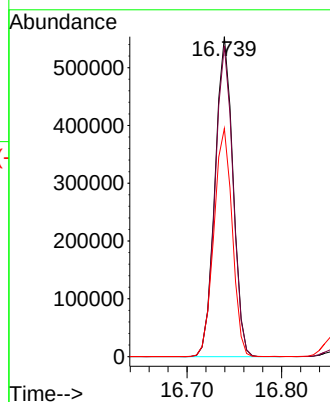
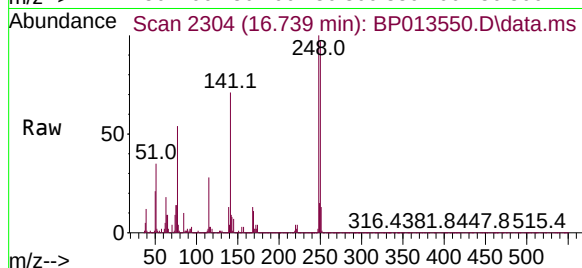




#67
4-Bromophenyl-phenylether
Concen: 52.496 ng
RT: 16.739 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BP013550.D
Acq: 23 Jan 2023 14:17

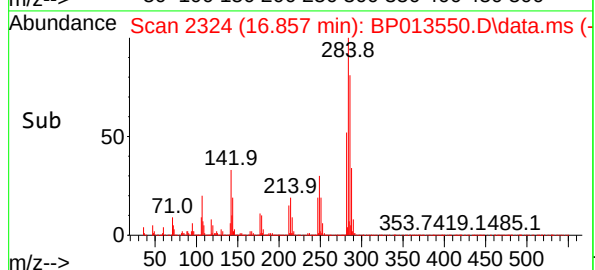
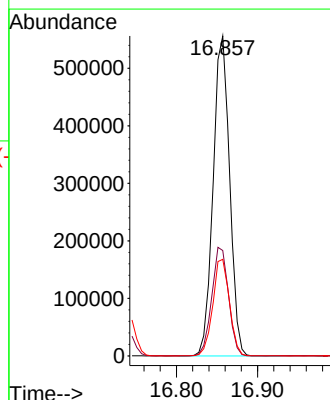
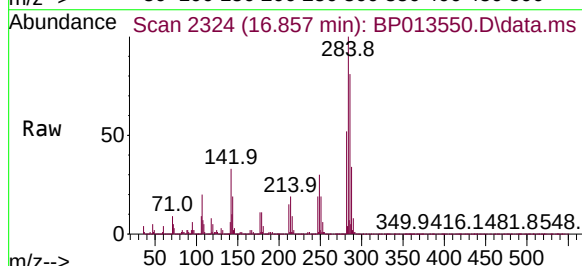
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

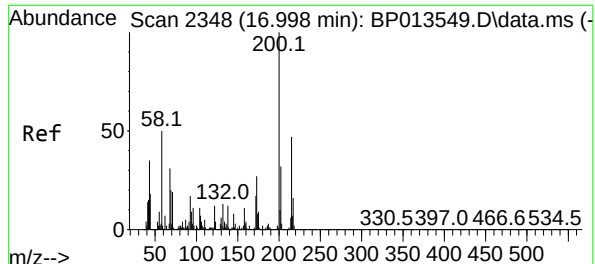
Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.1	78.1	117.1
141	71.3	58.1	87.1



#68
Hexachlorobenzene
Concen: 52.320 ng
RT: 16.857 min Scan# 2324
Delta R.T. 0.000 min
Lab File: BP013550.D
Acq: 23 Jan 2023 14:17

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.0	27.3	40.9
249	30.2	24.0	36.0

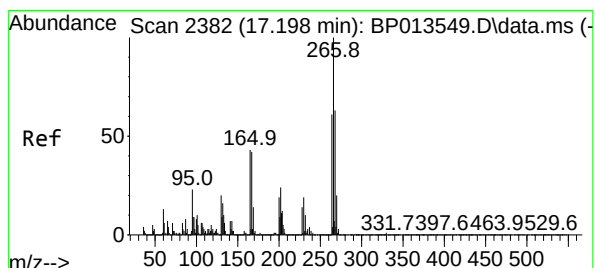
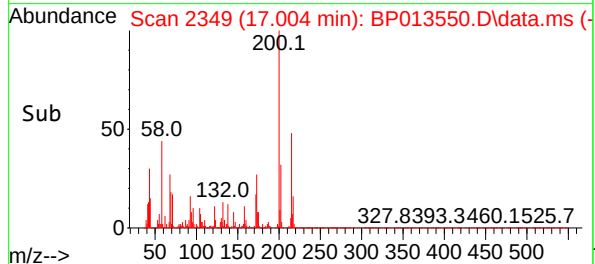
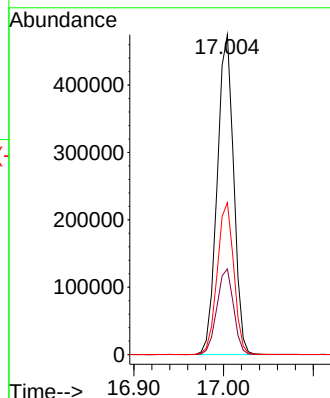
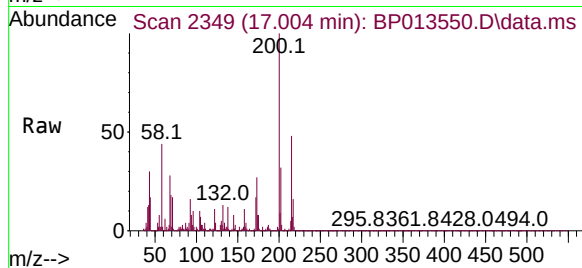




#69
Atrazine
Concen: 51.895 ng
RT: 17.004 min Scan# 2349
Delta R.T. 0.006 min
Lab File: BP013550.D
Acq: 23 Jan 2023 14:17

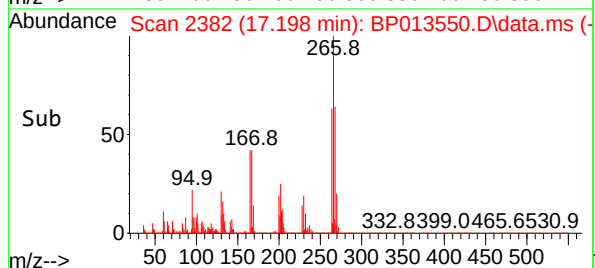
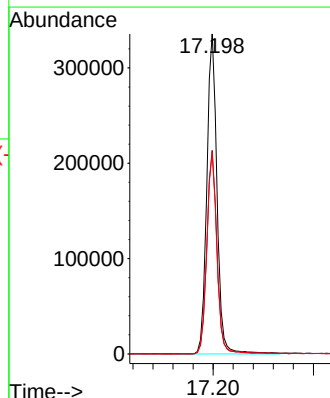
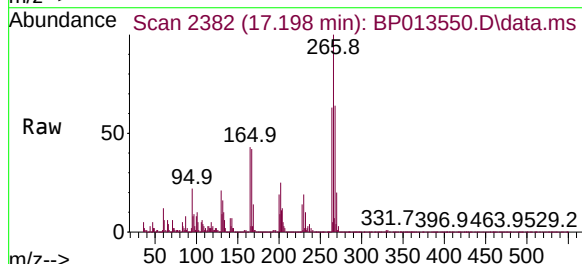
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

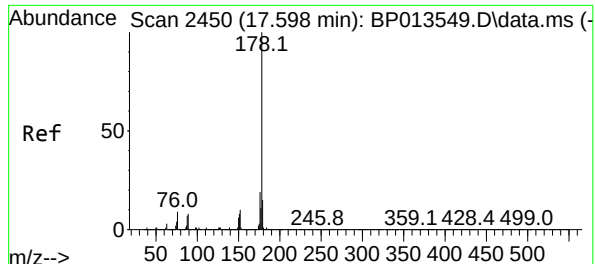
Tgt Ion:200 Resp: 606877
Ion Ratio Lower Upper
200 100
173 26.8 7.2 47.2
215 47.5 27.3 67.3



#70
Pentachlorophenol
Concen: 54.187 ng
RT: 17.198 min Scan# 2382
Delta R.T. 0.000 min
Lab File: BP013550.D
Acq: 23 Jan 2023 14:17

Tgt Ion:266 Resp: 473242
Ion Ratio Lower Upper
266 100
268 63.6 50.7 76.1
264 62.9 48.9 73.3

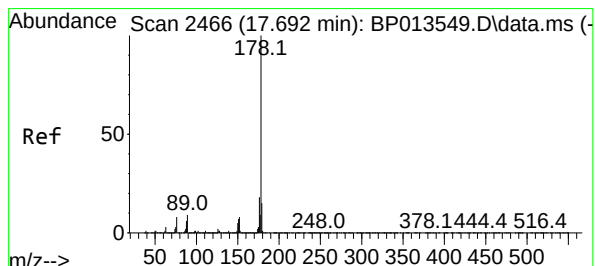
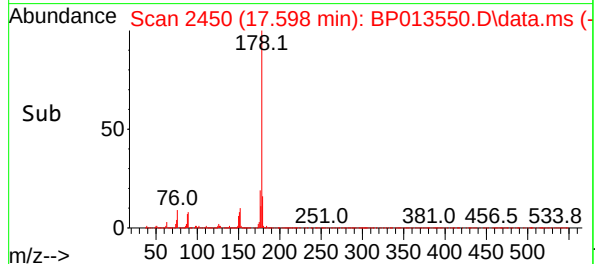
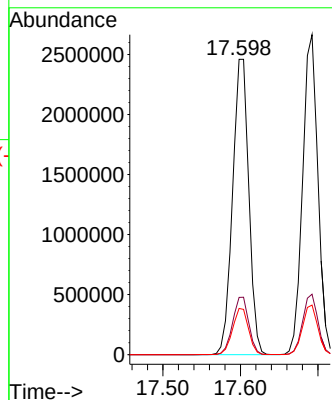
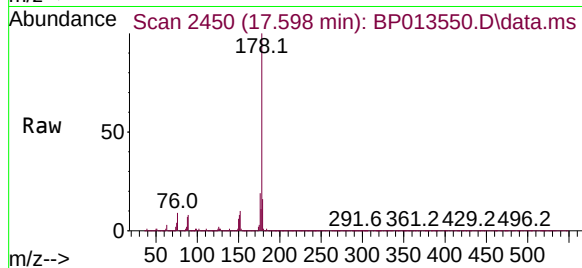




#71
Phenanthrene
Concen: 51.444 ng
RT: 17.598 min Scan# 2450
Delta R.T. 0.000 min
Lab File: BP013550.D
Acq: 23 Jan 2023 14:17

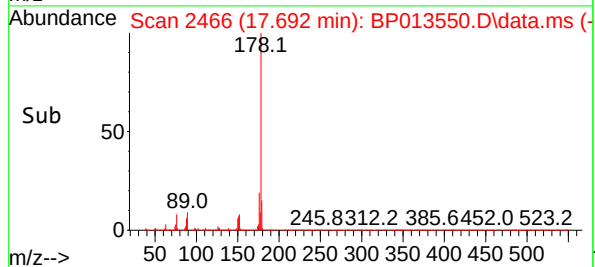
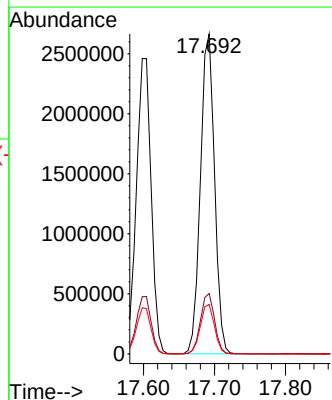
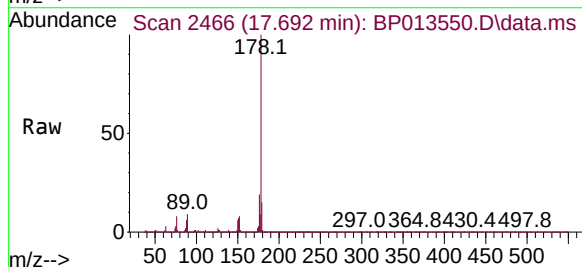
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

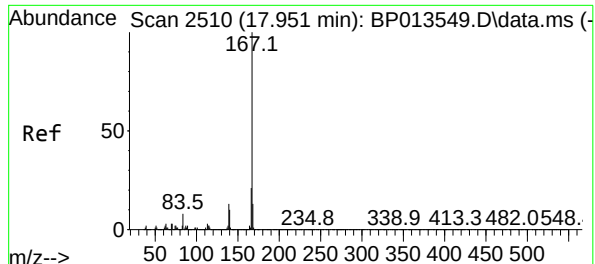
Tgt Ion:178 Resp: 3587319
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.6 12.2 18.4



#72
Anthracene
Concen: 51.676 ng
RT: 17.692 min Scan# 2466
Delta R.T. 0.000 min
Lab File: BP013550.D
Acq: 23 Jan 2023 14:17

Tgt Ion:178 Resp: 3657338
Ion Ratio Lower Upper
178 100
176 18.9 14.6 22.0
179 15.5 12.3 18.5

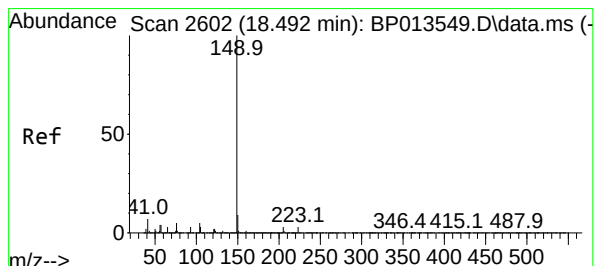
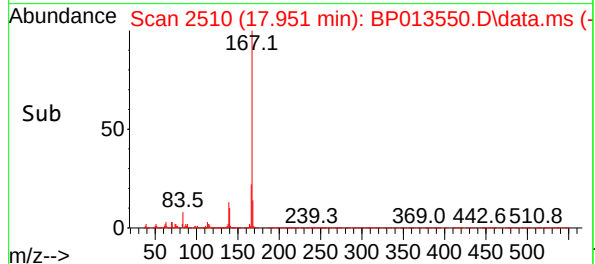
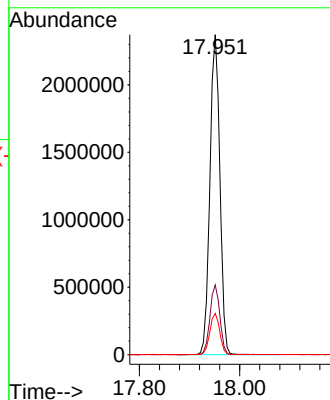
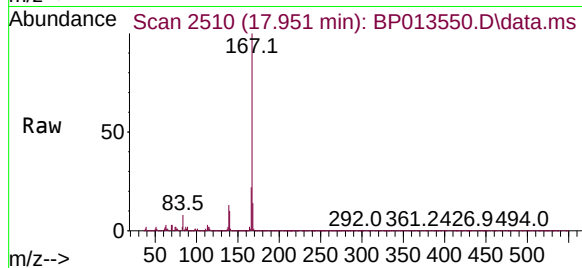




#73
Carbazole
Concen: 51.311 ng
RT: 17.951 min Scan# 2510
Delta R.T. 0.000 min
Lab File: BP013550.D
Acq: 23 Jan 2023 14:17

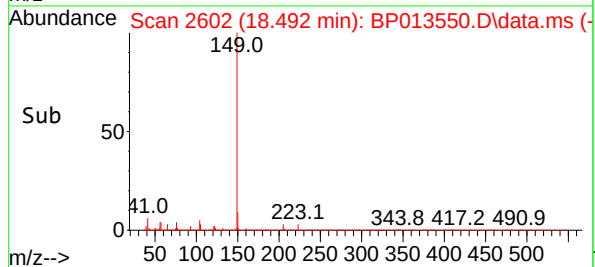
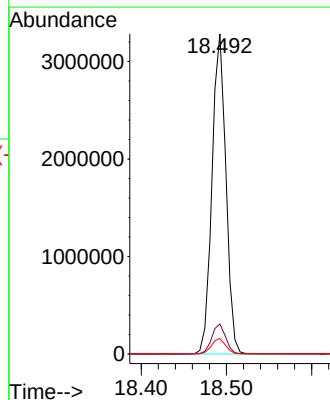
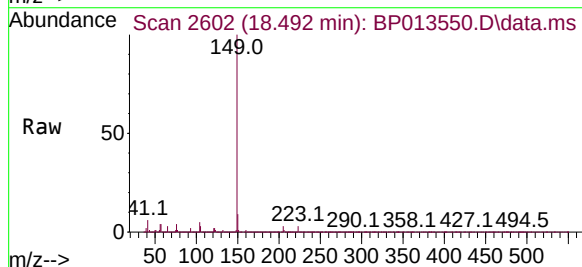
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

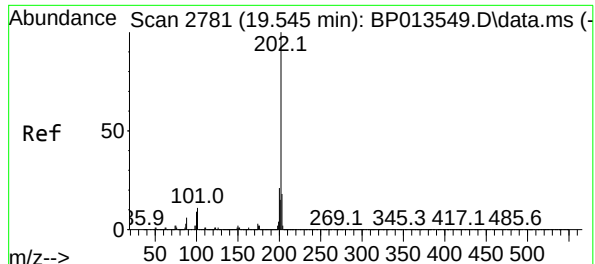
Tgt Ion:167 Resp: 3263507
Ion Ratio Lower Upper
167 100
166 21.8 17.2 25.8
139 12.9 10.3 15.5



#74
Di-n-butylphthalate
Concen: 52.496 ng
RT: 18.492 min Scan# 2602
Delta R.T. 0.000 min
Lab File: BP013550.D
Acq: 23 Jan 2023 14:17

Tgt Ion:149 Resp: 3716073
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 4.8 3.9 5.9

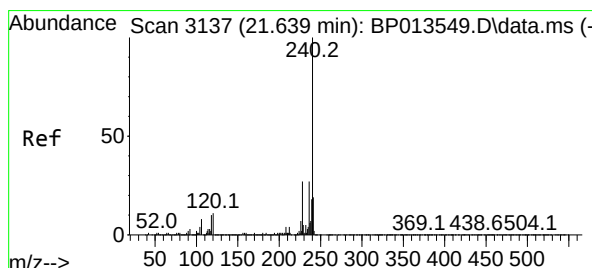
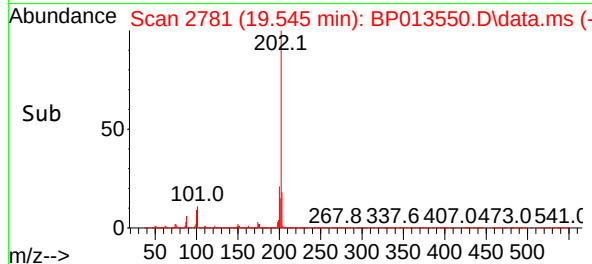
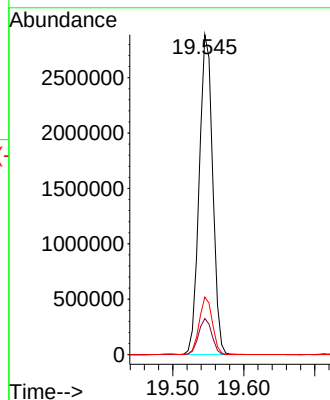
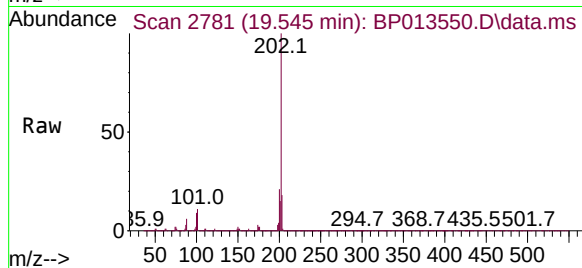




#75
Fluoranthene
Concen: 50.978 ng
RT: 19.545 min Scan# 2781
Delta R.T. 0.000 min
Lab File: BP013550.D
Acq: 23 Jan 2023 14:17

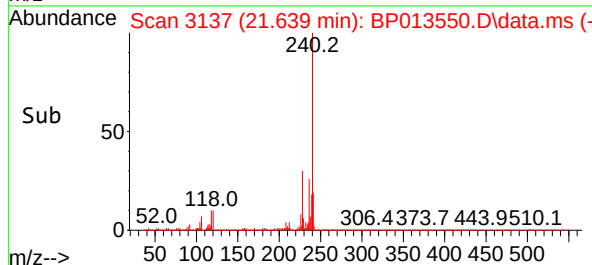
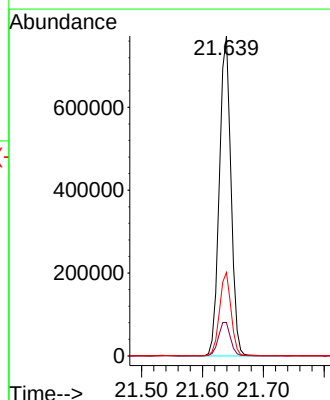
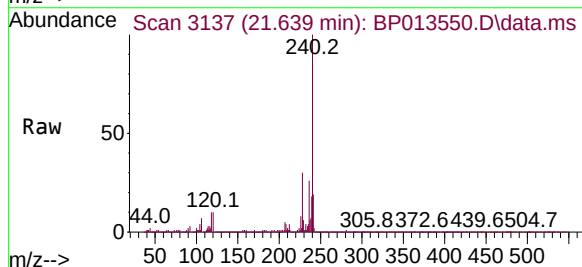
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

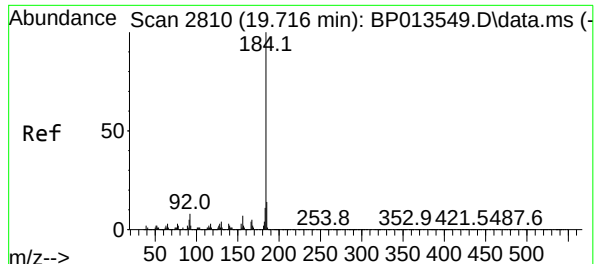
Tgt Ion:202 Resp: 3780250
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.4
203 18.0 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.639 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BP013550.D
Acq: 23 Jan 2023 14:17

Tgt Ion:240 Resp: 1022072
Ion Ratio Lower Upper
240 100
120 10.4 8.6 13.0
236 26.1 21.3 31.9





#77

Benzidine

Concen: 45.550 ng

RT: 19.716 min Scan# 2810

Delta R.T. 0.000 min

Lab File: BP013550.D

Acq: 23 Jan 2023 14:17

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

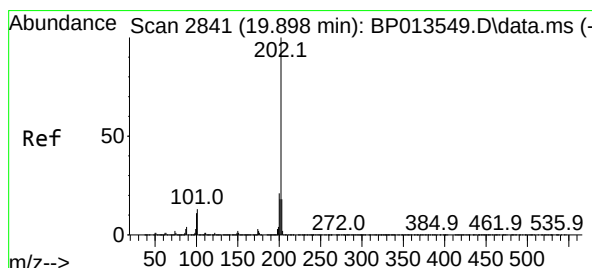
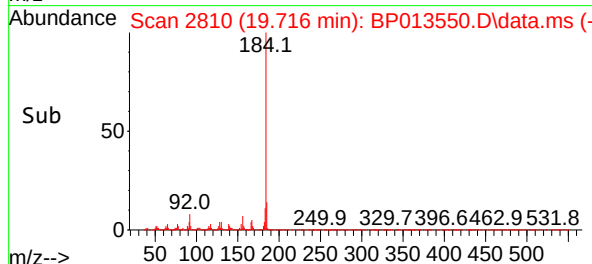
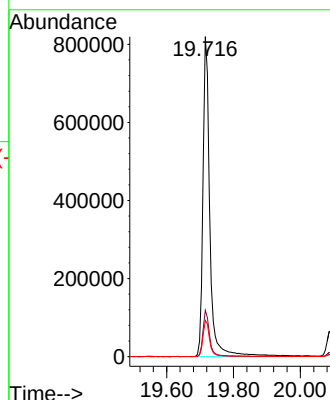
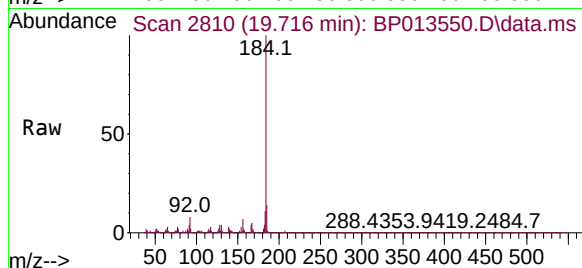
Tgt Ion:184 Resp: 1170897

Ion Ratio Lower Upper

184 100

185 14.5 11.5 17.3

183 11.3 9.0 13.6



#78

Pyrene

Concen: 50.328 ng

RT: 19.898 min Scan# 2841

Delta R.T. 0.000 min

Lab File: BP013550.D

Acq: 23 Jan 2023 14:17

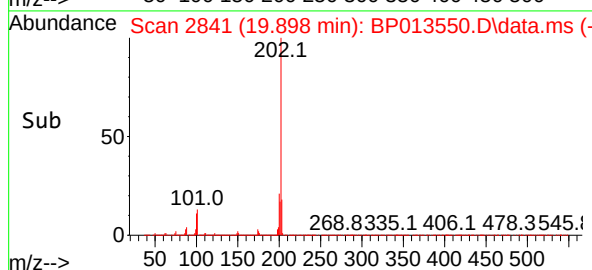
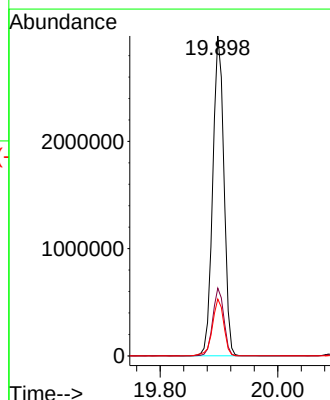
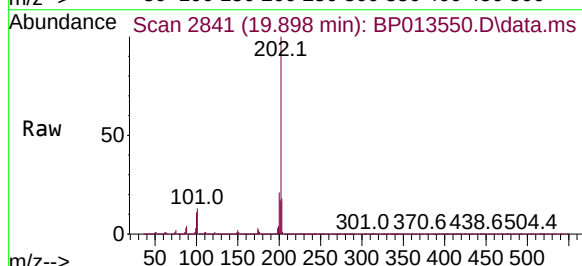
Tgt Ion:202 Resp: 3933194

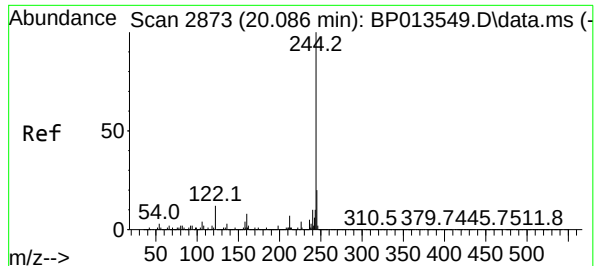
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.6

203 17.8 14.2 21.2





#79

Terphenyl-d14

Concen: 101.289 ng

RT: 20.092 min Scan# 2873

Delta R.T. 0.006 min

Lab File: BP013550.D

Acq: 23 Jan 2023 14:17

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

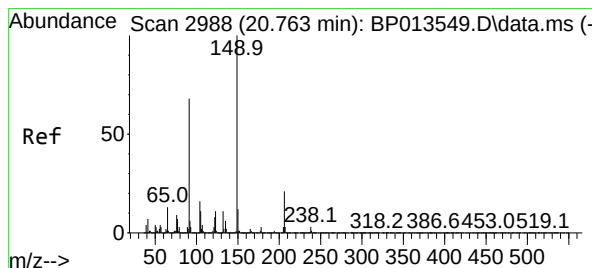
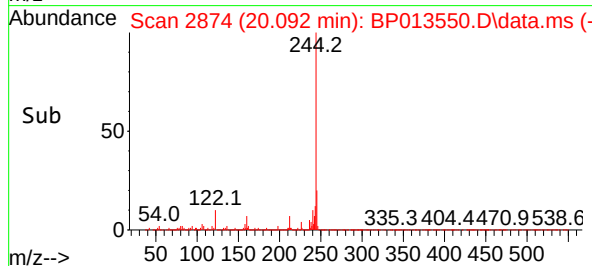
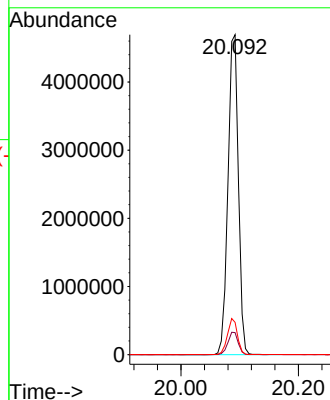
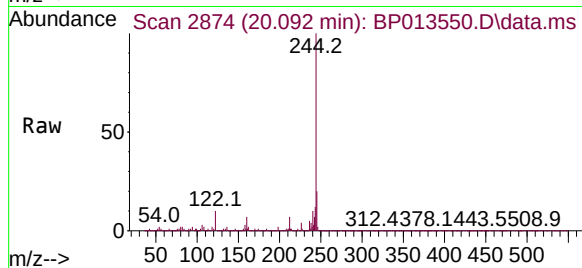
Tgt Ion:244 Resp: 5754544

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 10.1 9.2 13.8



#80

Butylbenzylphthalate

Concen: 53.959 ng

RT: 20.757 min Scan# 2987

Delta R.T. -0.006 min

Lab File: BP013550.D

Acq: 23 Jan 2023 14:17

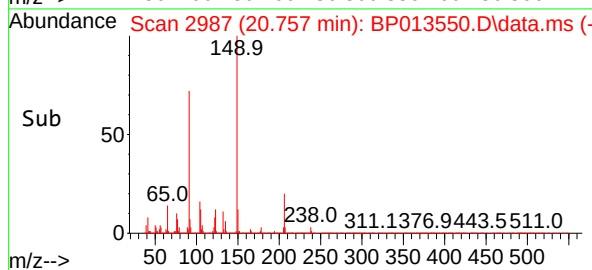
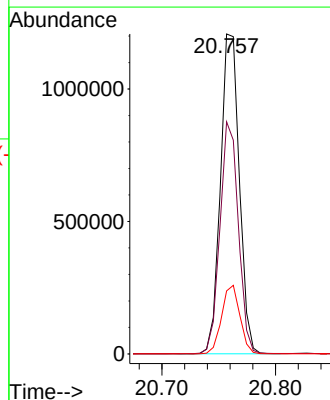
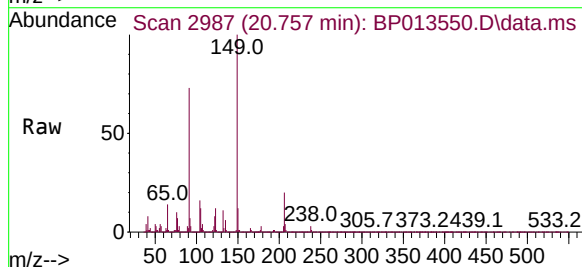
Tgt Ion:149 Resp: 1391457

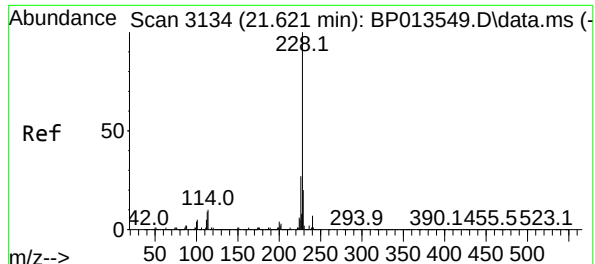
Ion Ratio Lower Upper

149 100

91 72.5 54.6 81.8

206 19.7 16.7 25.1

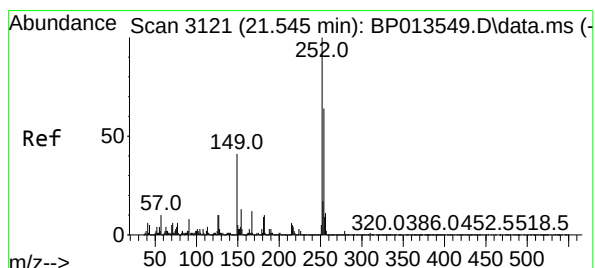
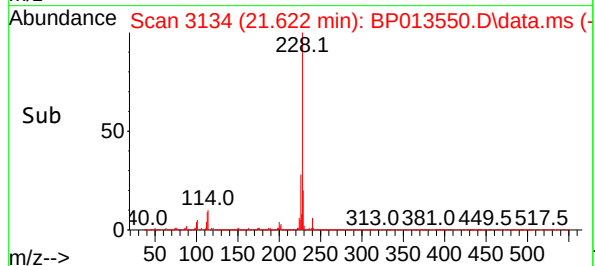
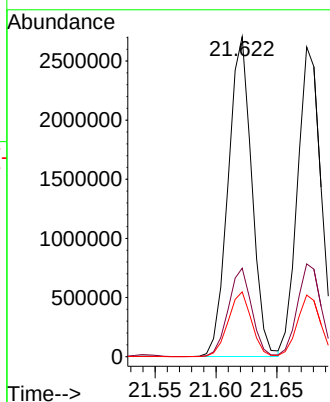
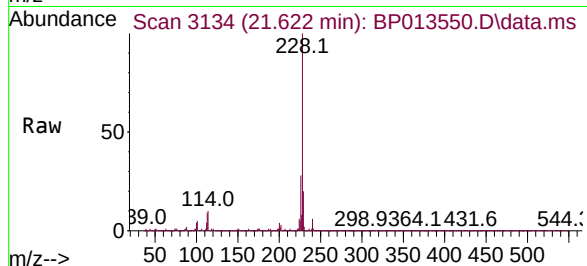




#81
Benzo(a)anthracene
Concen: 51.328 ng
RT: 21.622 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP013550.D
Acq: 23 Jan 2023 14:17

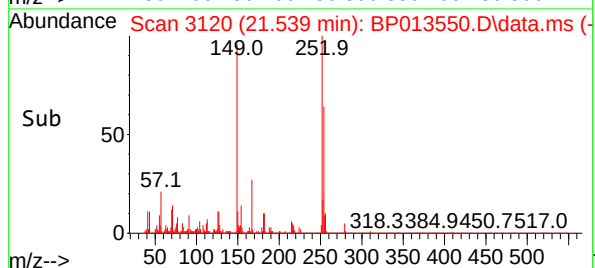
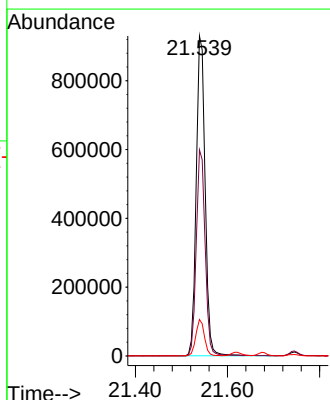
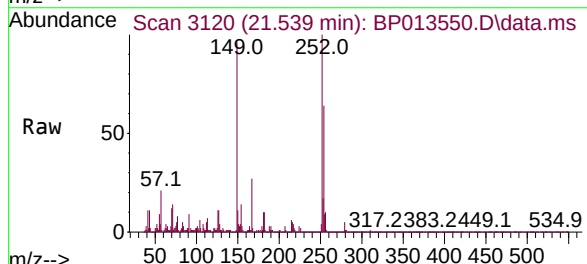
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

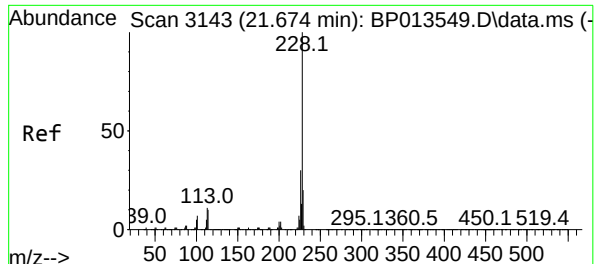
Tgt Ion:228 Resp: 3654756
Ion Ratio Lower Upper
228 100
226 27.7 21.8 32.8
229 20.2 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 54.205 ng
RT: 21.539 min Scan# 3120
Delta R.T. -0.006 min
Lab File: BP013550.D
Acq: 23 Jan 2023 14:17

Tgt Ion:252 Resp: 1243571
Ion Ratio Lower Upper
252 100
254 64.4 51.4 77.0
126 11.4 8.3 12.5





#83

Chrysene

Concen: 51.257 ng

RT: 21.674 min Scan# 3143

Delta R.T. 0.000 min

Lab File: BP013550.D

Acq: 23 Jan 2023 14:17

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

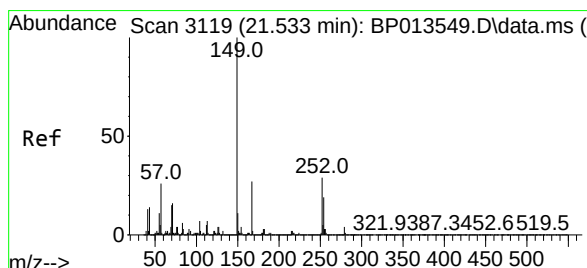
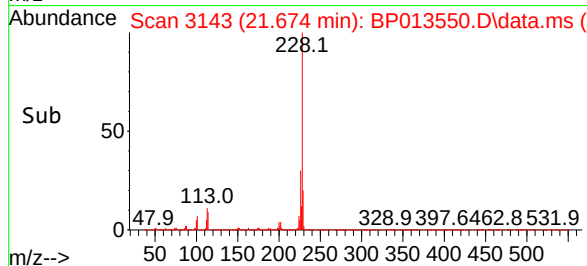
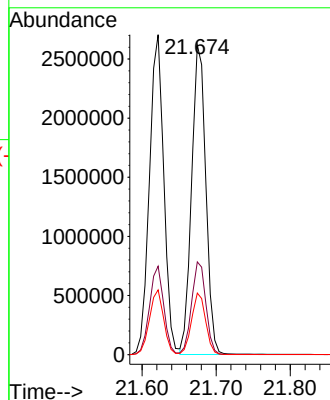
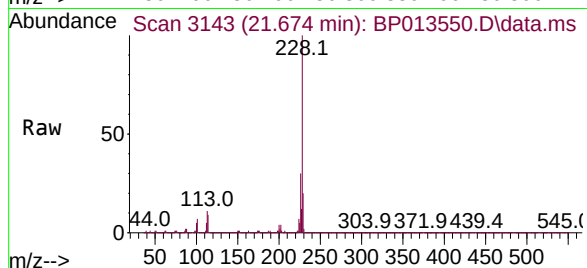
Tgt Ion:228 Resp: 3490763

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 19.9 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.668 ng

RT: 21.527 min Scan# 3118

Delta R.T. -0.006 min

Lab File: BP013550.D

Acq: 23 Jan 2023 14:17

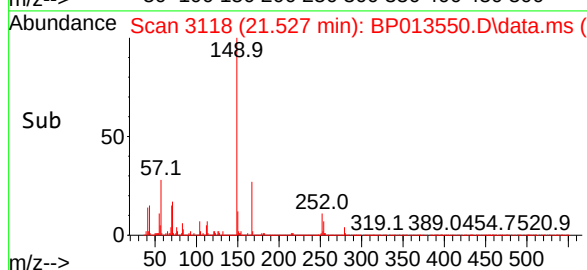
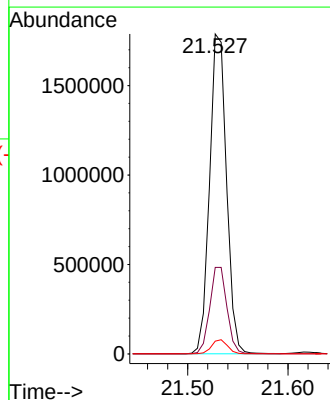
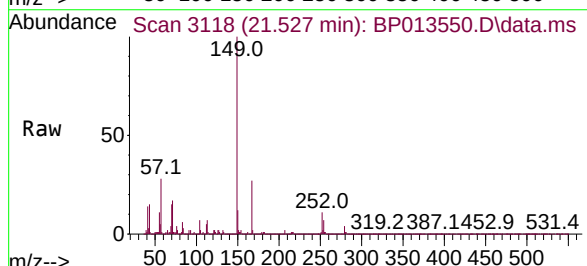
Tgt Ion:149 Resp: 2097331

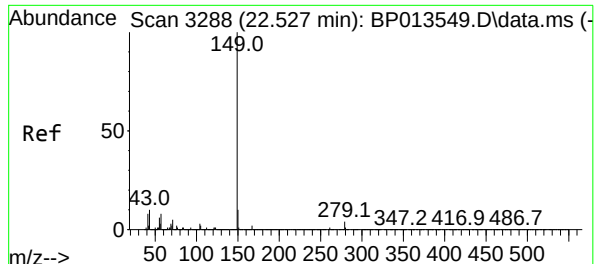
Ion Ratio Lower Upper

149 100

167 27.0 22.0 33.0

279 4.0 3.5 5.3

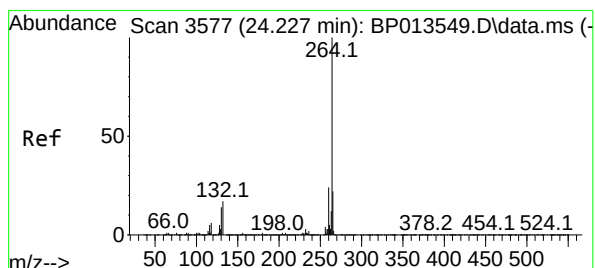
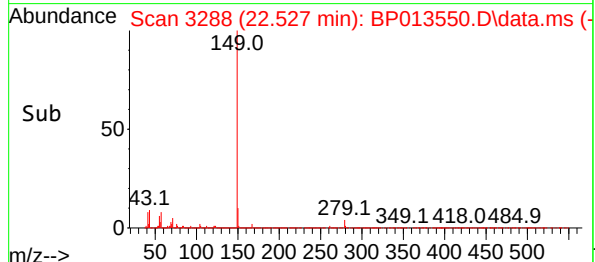
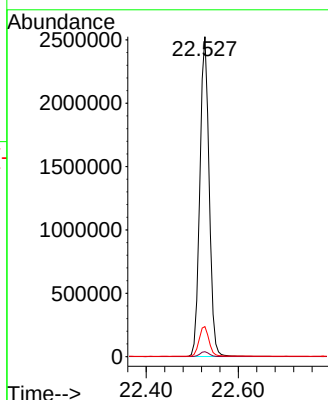
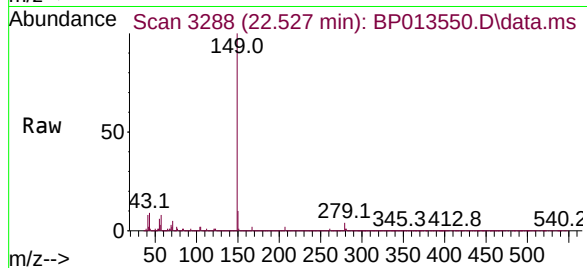




#85
Di-n-octyl phthalate
Concen: 54.700 ng
RT: 22.527 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP013550.D
Acq: 23 Jan 2023 14:17

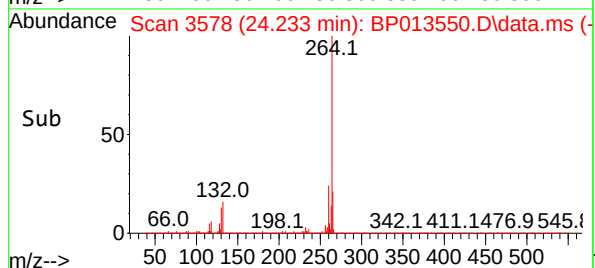
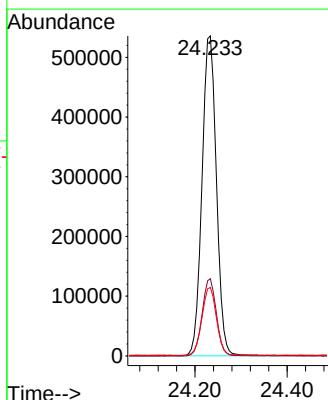
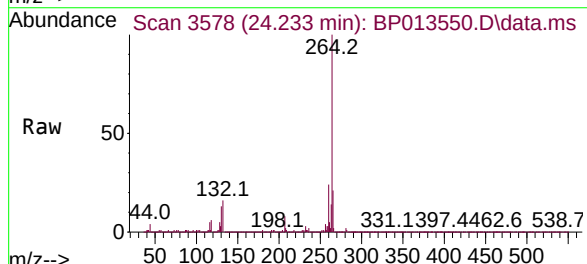
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

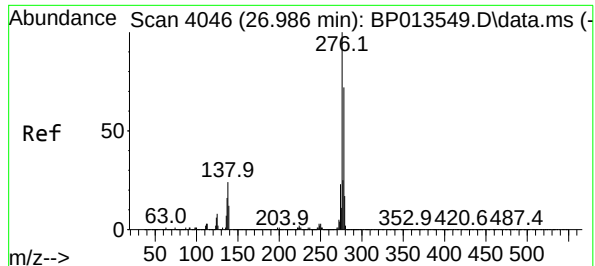
Tgt Ion:149 Resp: 3511834
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.0 8.2 12.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.233 min Scan# 3578
Delta R.T. 0.006 min
Lab File: BP013550.D
Acq: 23 Jan 2023 14:17

Tgt Ion:264 Resp: 1160027
Ion Ratio Lower Upper
264 100
260 24.1 18.8 28.2
265 21.4 17.4 26.2

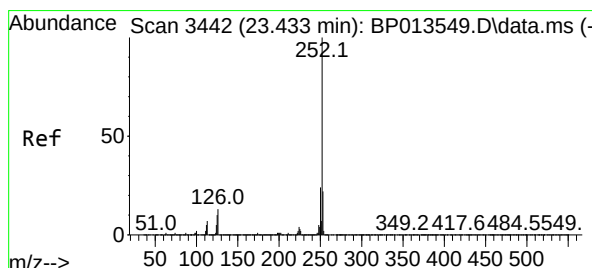
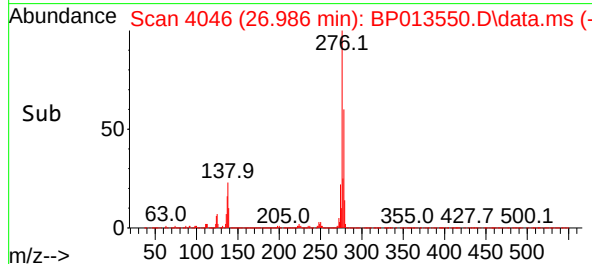
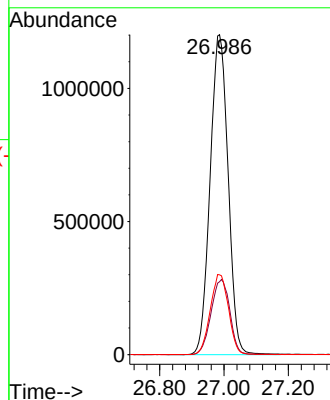
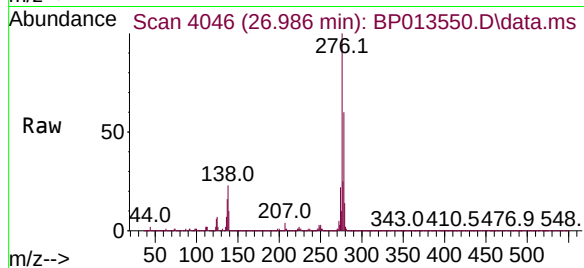




#87
Indeno(1,2,3-cd)pyrene
Concen: 54.537 ng
RT: 26.986 min Scan# 4046
Delta R.T. 0.000 min
Lab File: BP013550.D
Acq: 23 Jan 2023 14:17

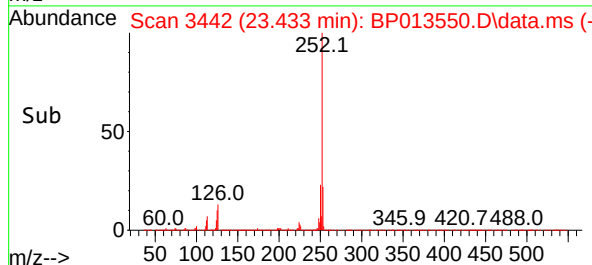
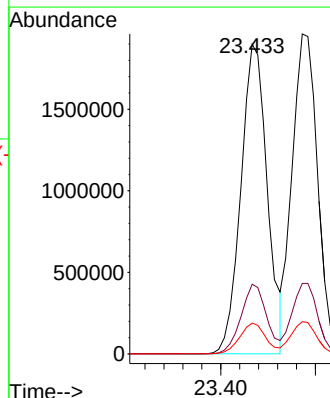
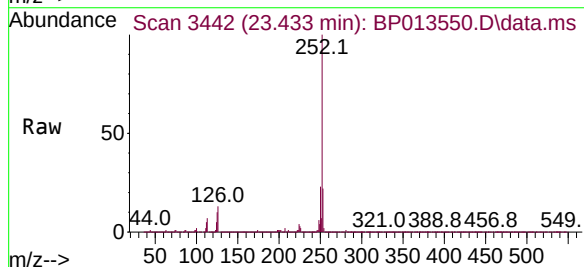
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

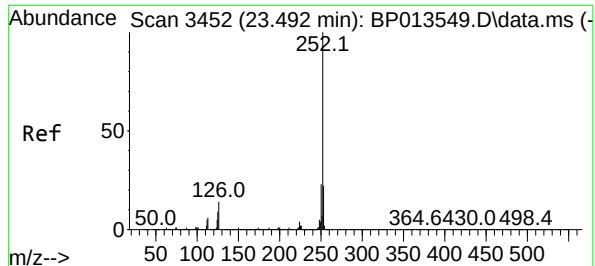
Tgt Ion: 276 Resp: 4659916
Ion Ratio Lower Upper
276 100
138 24.5 19.8 29.6
277 25.4 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 51.492 ng
RT: 23.433 min Scan# 3442
Delta R.T. 0.000 min
Lab File: BP013550.D
Acq: 23 Jan 2023 14:17

Tgt Ion: 252 Resp: 3674525
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 10.0 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 50.449 ng

RT: 23.486 min Scan# 34

Delta R.T. -0.006 min

Lab File: BP013550.D

Acq: 23 Jan 2023 14:17

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

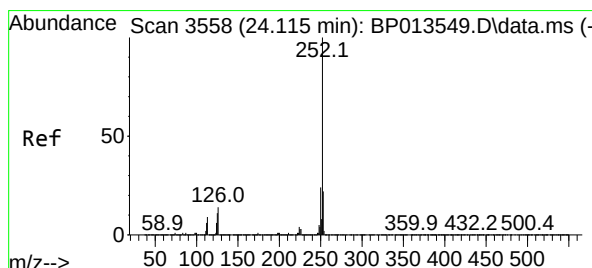
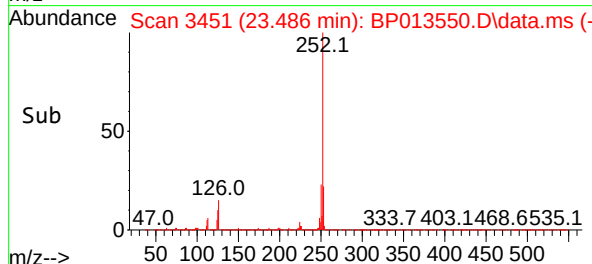
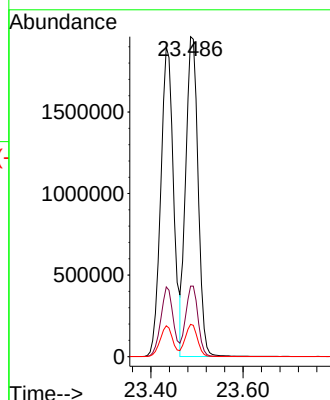
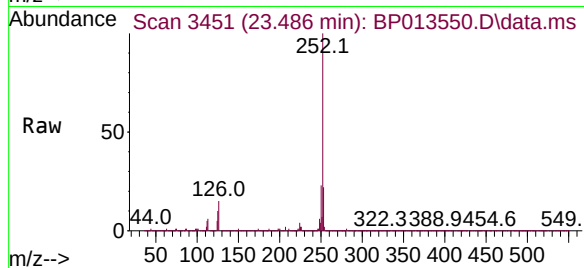
Tgt Ion:252 Resp: 3671979

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 10.1 7.5 11.3



#90

Benzo(a)pyrene

Concen: 52.033 ng

RT: 24.121 min Scan# 3559

Delta R.T. 0.006 min

Lab File: BP013550.D

Acq: 23 Jan 2023 14:17

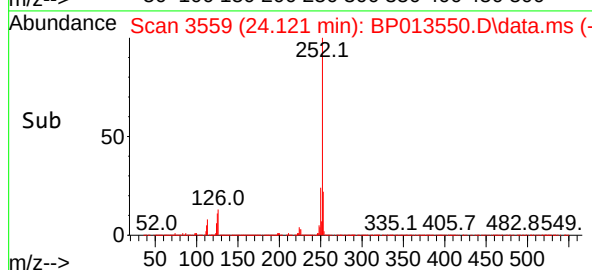
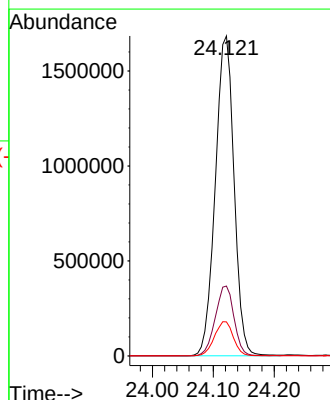
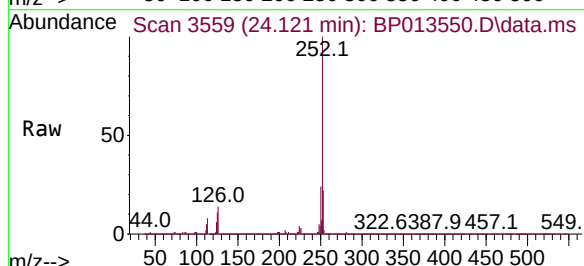
Tgt Ion:252 Resp: 3601967

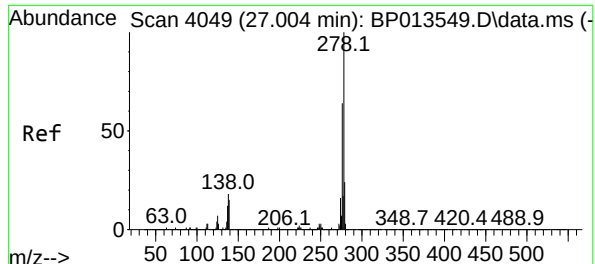
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 10.6 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 54.819 ng

RT: 27.009 min Scan# 4049

Delta R.T. 0.006 min

Lab File: BP013550.D

Acq: 23 Jan 2023 14:17

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

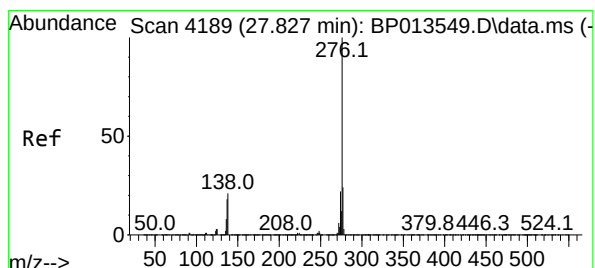
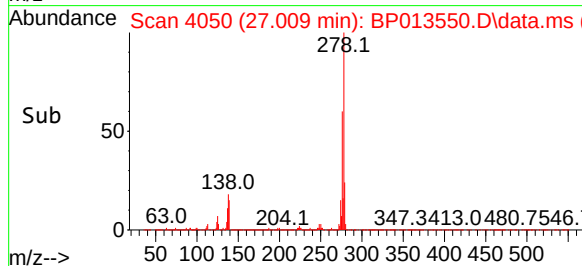
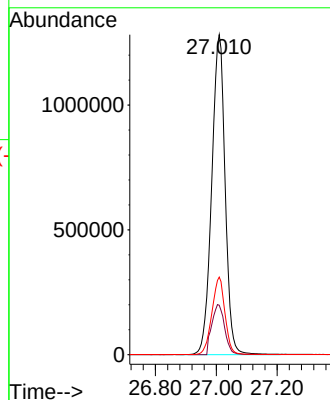
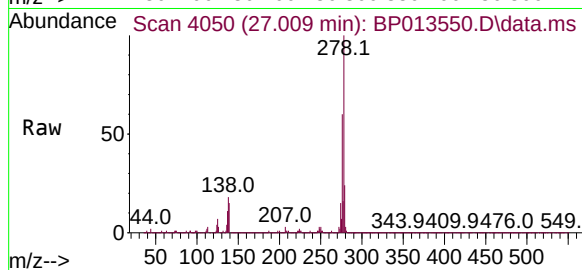
Tgt Ion:278 Resp: 3928886

Ion Ratio Lower Upper

278 100

139 15.4 12.3 18.5

279 24.2 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 44.756 ng

RT: 27.827 min Scan# 4189

Delta R.T. 0.000 min

Lab File: BP013550.D

Acq: 23 Jan 2023 14:17

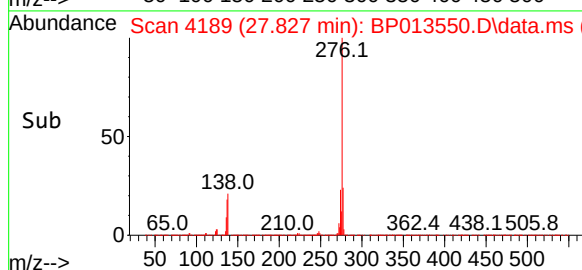
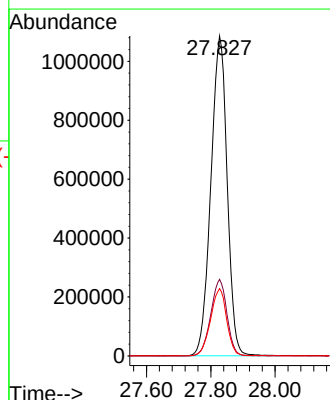
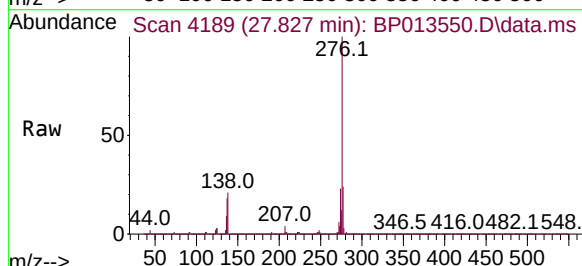
Tgt Ion:276 Resp: 3824151

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.6

138 21.0 16.6 25.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
 Data File : BP013551.D
 Acq On : 23 Jan 2023 14:51
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 01/24/2023
 Supervised By :Jagrut Upadhyay 01/24/2023

Quant Time: Jan 24 03:06:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 03:01:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.163	152	318156	20.000	ng	0.00
21) Naphthalene-d8	10.998	136	1240381	20.000	ng	0.00
39) Acenaphthene-d10	14.804	164	709374	20.000	ng	0.00
64) Phenanthrene-d10	17.557	188	1320949	20.000	ng	0.00
76) Chrysene-d12	21.639	240	1063261	20.000	ng	0.00
86) Perylene-d12	24.233	264	1211615	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	2200298	118.492	ng	0.00
7) Phenol-d6	7.310	99	2975868	119.074	ng	0.00
23) Nitrobenzene-d5	9.340	82	2507562	133.460	ng	0.00
42) 2,4,6-Tribromophenol	16.292	330	964341	130.389	ng	0.00
45) 2-Fluorobiphenyl	13.434	172	6186997	119.720	ng	0.00
79) Terphenyl-d14	20.086	244	6972653	117.975	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.528	88	430243	57.474	ng	99
3) Pyridine	3.940	79	1322245	59.679	ng	98
4) n-Nitrosodimethylamine	3.852	42	579386	57.664	ng	100
6) Aniline	7.481	93	1984823	59.120	ng	99
8) 2-Chlorophenol	7.722	128	1226729	59.869	ng	100
10) Phenol	7.334	94	1541832	59.547	ng	99
11) bis(2-Chloroethyl)ether	7.581	93	1226647	57.937	ng	98
12) 1,3-Dichlorobenzene	8.052	146	1311095	57.860	ng	99
13) 1,4-Dichlorobenzene	8.204	146	1327000	57.755	ng	100
14) 1,2-Dichlorobenzene	8.522	146	1283786	57.704	ng	100
15) Benzyl Alcohol	8.404	79	1075212	60.216	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.699	45	1650440m	56.854	ng	
17) 2-Methylphenol	8.604	107	1118016	59.454	ng	99
18) Hexachloroethane	9.263	117	458002	59.637	ng	99
19) n-Nitroso-di-n-propyla...	8.981	70	952666	59.183	ng	98
20) 3+4-Methylphenols	8.934	107	1490176	60.205	ng	98
22) Acetophenone	8.999	105	1899511	59.695	ng	99
24) Nitrobenzene	9.381	77	1313431	65.015	ng	100
25) Isophorone	9.910	82	2665886	59.819	ng	99
26) 2-Nitrophenol	10.098	139	483593	76.769	ng	98
27) 2,4-Dimethylphenol	10.151	122	1185634	60.351	ng	98
28) bis(2-Chloroethoxy)met...	10.393	93	1613726	60.087	ng	99
29) 2,4-Dichlorophenol	10.634	162	1127899	63.738	ng	99
30) 1,2,4-Trichlorobenzene	10.857	180	1224930	60.656	ng	98
31) Naphthalene	11.051	128	3999959	59.984	ng	99
32) Benzoic acid	10.298	122	616636	71.815	ng	99
33) 4-Chloroaniline	11.151	127	1780014	60.327	ng	100
34) Hexachlorobutadiene	11.334	225	704528	59.950	ng	99
35) Caprolactam	11.940	113	359111	62.825	ng	98
36) 4-Chloro-3-methylphenol	12.257	107	1202874	62.417	ng	98
37) 2-Methylnaphthalene	12.645	142	2836128	59.835	ng	99
38) 1-Methylnaphthalene	12.857	142	2660484	59.734	ng	99
40) 1,2,4,5-Tetrachloroben...	13.004	216	1334117	61.087	ng	100
41) Hexachlorocyclopentadiene	12.987	237	690870	67.200	ng	97
43) 2,4,6-Trichlorophenol	13.234	196	842879	65.942	ng	98
44) 2,4,5-Trichlorophenol	13.310	196	994437	65.839	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
 Data File : BP013551.D
 Acq On : 23 Jan 2023 14:51
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/24/2023
 Supervised By : Jagrut Upadhyay 01/24/2023

Quant Time: Jan 24 03:06:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 03:01:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.639	154	3434344	60.283	ng	100
47) 2-Chloronaphthalene	13.687	162	2572697	60.278	ng	99
48) 2-Nitroaniline	13.881	65	649601	76.069	ng	93
49) Acenaphthylene	14.528	152	4232084	60.633	ng	99
50) Dimethylphthalate	14.257	163	3142626	59.597	ng	100
51) 2,6-Dinitrotoluene	14.369	165	618585	72.653	ng	98
52) Acenaphthene	14.869	154	2614425	60.637	ng	99
53) 3-Nitroaniline	14.698	138	697428	71.445	ng	99
54) 2,4-Dinitrophenol	14.898	184	185227	71.389	ng	96
55) Dibenzofuran	15.198	168	3915779	59.227	ng	100
56) 4-Nitrophenol	14.992	139	529315	66.471	ng	94
57) 2,4-Dinitrotoluene	15.157	165	770950	75.314	ng	91
58) Fluorene	15.851	166	3099489	58.982	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.422	232	748406	64.530	ng	98
60) Diethylphthalate	15.616	149	3036068	58.950	ng	100
61) 4-Chlorophenyl-phenyle...	15.839	204	1538719	59.550	ng	98
62) 4-Nitroaniline	15.863	138	686801	68.959	ng	97
63) Azobenzene	16.133	77	2920790	58.363	ng	98
65) 4,6-Dinitro-2-methylph...	15.916	198	285415	74.763	ng	97
66) n-Nitrosodiphenylamine	16.051	169	2664154	61.846	ng	99
67) 4-Bromophenyl-phenylether	16.739	248	922261	63.030	ng	98
68) Hexachlorobenzene	16.857	284	981766	62.117	ng	98
69) Atrazine	17.004	200	757269	61.440	ng	99
70) Pentachlorophenol	17.198	266	604383	65.659	ng	99
71) Phenanthrene	17.598	178	4442913	60.451	ng	99
72) Anthracene	17.692	178	4559784	61.128	ng	99
73) Carbazole	17.951	167	4017899	59.937	ng	99
74) Di-n-butylphthalate	18.492	149	4617933	61.895	ng	100
75) Fluoranthene	19.545	202	4652184	59.523	ng	99
77) Benzidine	19.716	184	1517335	56.740	ng	99
78) Pyrene	19.898	202	4779286	58.786	ng	99
80) Butylbenzylphthalate	20.757	149	1759604	65.592	ng	97
81) Benzo(a)anthracene	21.621	228	4496360	60.701	ng	100
82) 3,3'-Dichlorobenzidine	21.539	252	1551613	65.012	ng	100
83) Chrysene	21.674	228	4267546	60.235	ng	100
84) Bis(2-ethylhexyl)phtha...	21.527	149	2615021	63.124	ng	99
85) Di-n-octyl phthalate	22.527	149	4401384	65.899	ng	98
87) Indeno(1,2,3-cd)pyrene	26.986	276	5756541	64.502	ng	100
88) Benzo(b)fluoranthene	23.433	252	4520462	60.649	ng	99
89) Benzo(k)fluoranthene	23.492	252	4519914	59.455	ng	100
90) Benzo(a)pyrene	24.121	252	4431131	61.285	ng	99
91) Dibenzo(a,h)anthracene	27.009	278	4850837	64.801	ng	99
92) Benzo(g,h,i)perylene	27.833	276	4701233	52.678	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
 Data File : BP013551.D
 Acq On : 23 Jan 2023 14:51
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 01/24/2023

Supervised By : Jagrut Upadhyay 01/24/2023

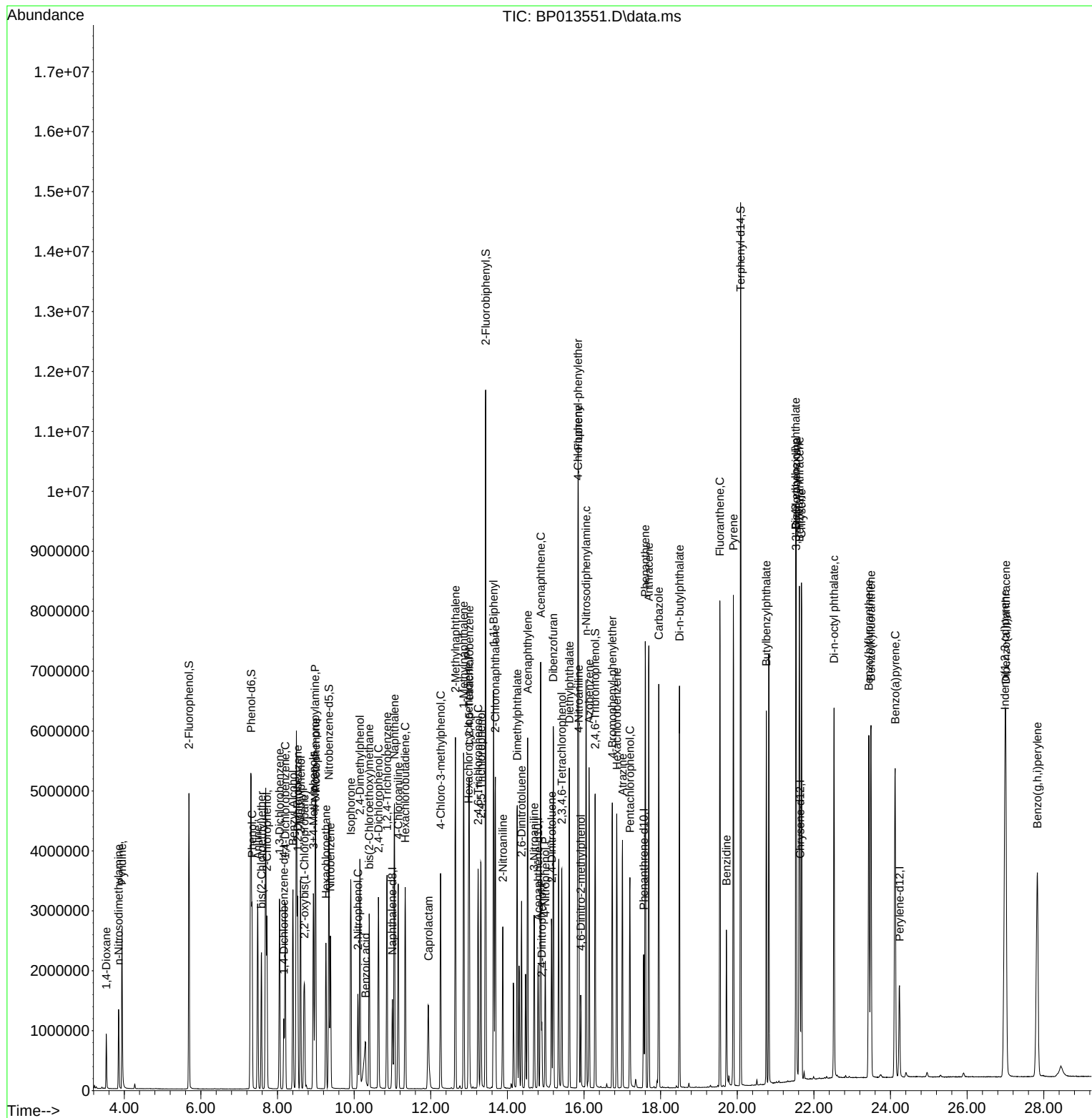
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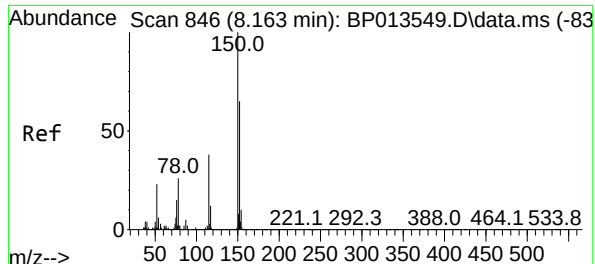
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jan 24 03:01:10 2023

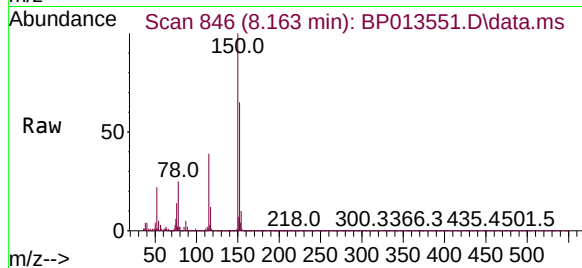
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.163 min Scan# 846
Delta R.T. 0.000 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

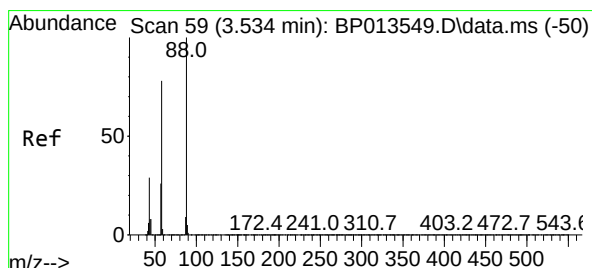
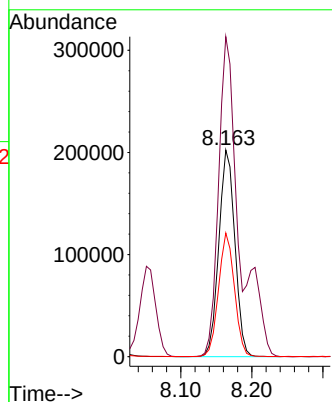
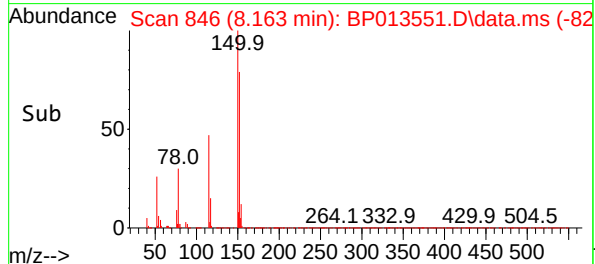
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion: 152 Resp: 318156
Ion Ratio Lower Upper
152 100
150 154.8 122.4 183.6
115 59.8 46.1 69.1

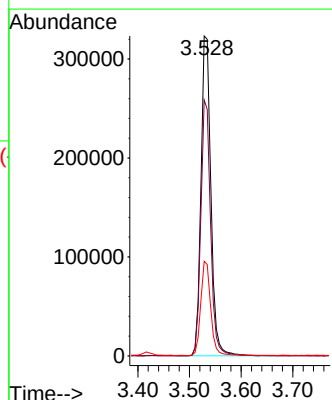
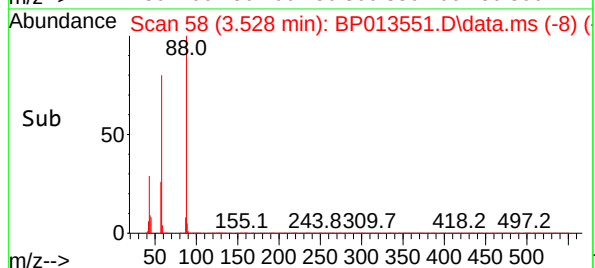
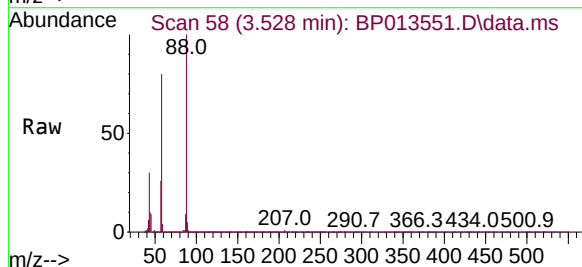
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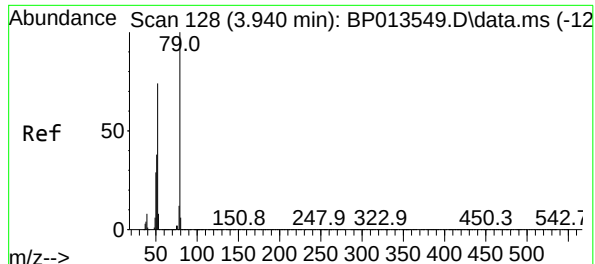
Reviewed By : Christian Giraldo 01/24/2023
Supervised By : Jagrut Upadhyay 01/24/2023



#2
1,4-Dioxane
Concen: 57.474 ng
RT: 3.528 min Scan# 58
Delta R.T. -0.006 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

Tgt Ion: 88 Resp: 430243
Ion Ratio Lower Upper
88 100
58 78.9 63.6 95.4
43 29.5 24.2 36.2





#3

Pyridine

Concen: 59.679 ng

RT: 3.940 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP013551.D

Acq: 23 Jan 2023 14:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion: 79 Resp: 132224

Ion Ratio Lower Upper

79 100

52 73.3 59.4 89.2

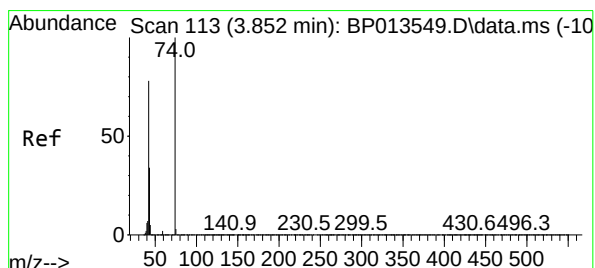
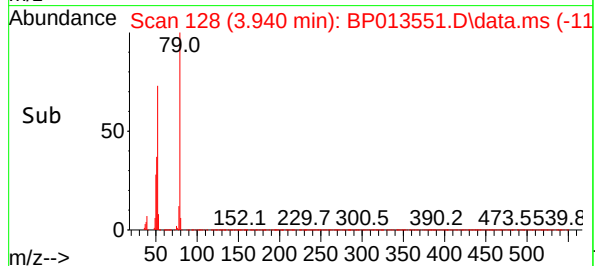
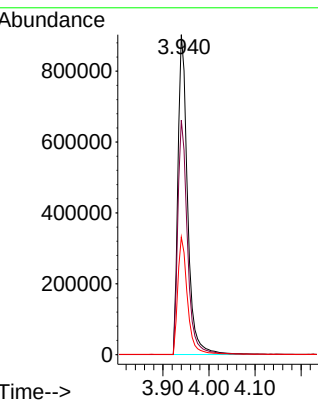
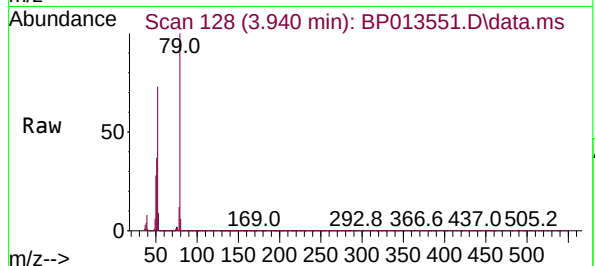
51 36.8 30.6 45.8

Manual Integrations

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Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#4

n-Nitrosodimethylamine

Concen: 57.664 ng

RT: 3.852 min Scan# 113

Delta R.T. -0.000 min

Lab File: BP013551.D

Acq: 23 Jan 2023 14:51

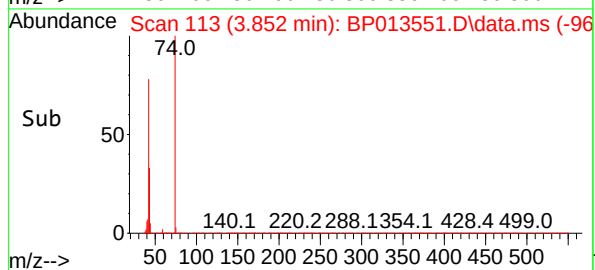
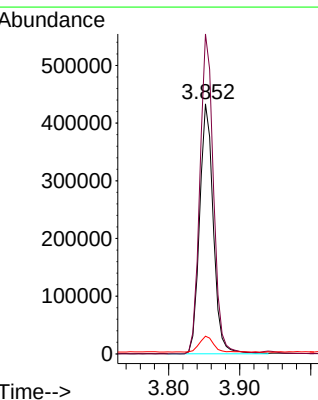
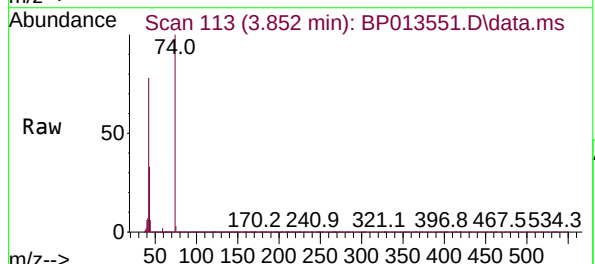
Tgt Ion: 42 Resp: 579386

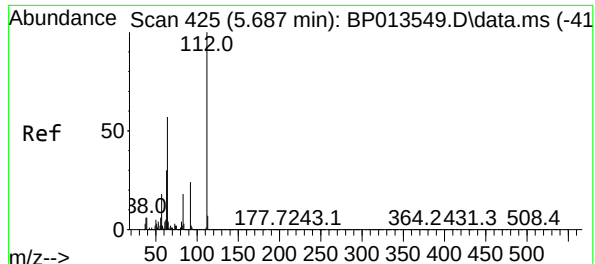
Ion Ratio Lower Upper

42 100

74 128.0 102.3 153.5

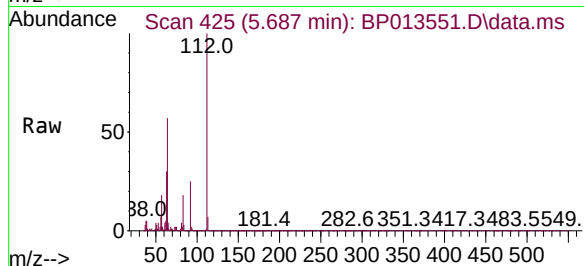
44 7.0 6.2 9.2





#5
2-Fluorophenol
Concen: 118.492 ng
RT: 5.687 min Scan# 425
Delta R.T. -0.000 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

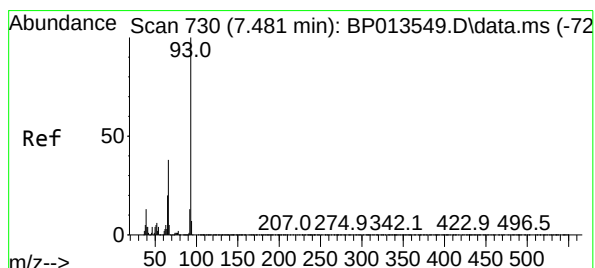
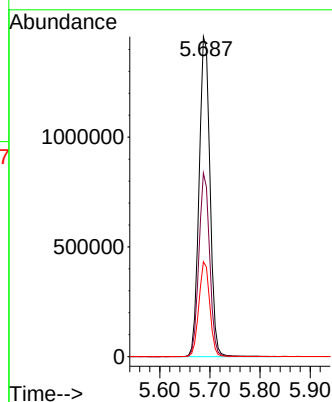
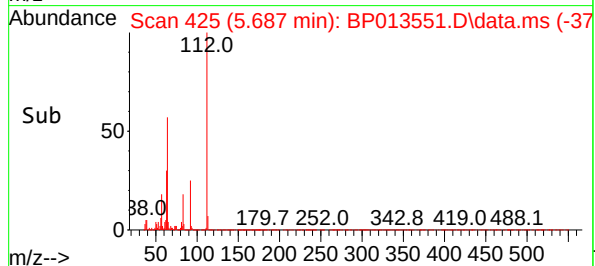
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion: 112 Resp: 2200298
Ion Ratio Lower Upper
112 100
64 57.4 45.4 68.0
63 29.7 24.1 36.1

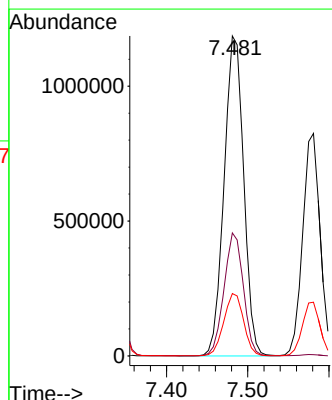
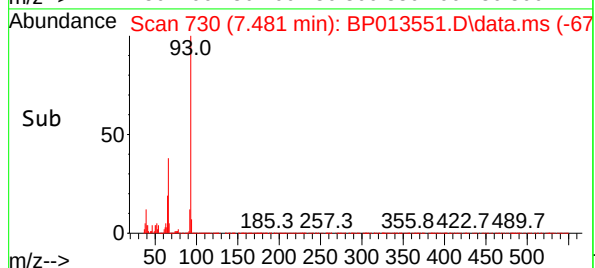
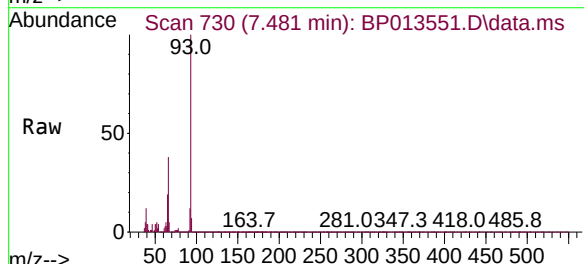
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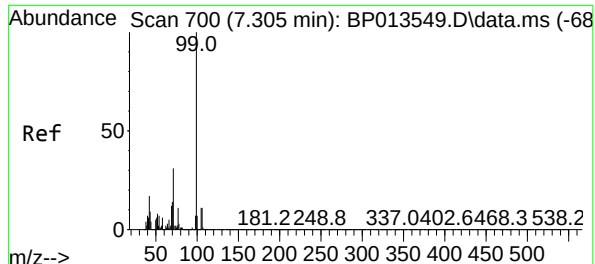
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#6
Aniline
Concen: 59.120 ng
RT: 7.481 min Scan# 730
Delta R.T. -0.000 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

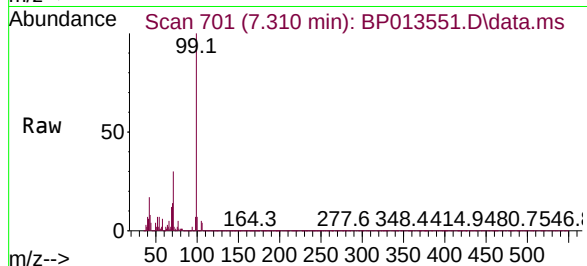
Tgt Ion: 93 Resp: 1984823
Ion Ratio Lower Upper
93 100
66 38.4 30.3 45.5
65 19.5 15.9 23.9





#7
Phenol-d6
Concen: 119.074 ng
RT: 7.310 min Scan# 700
Delta R.T. 0.006 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

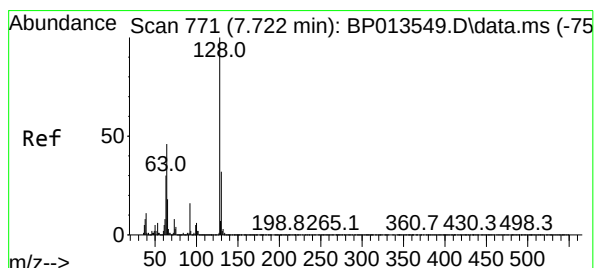
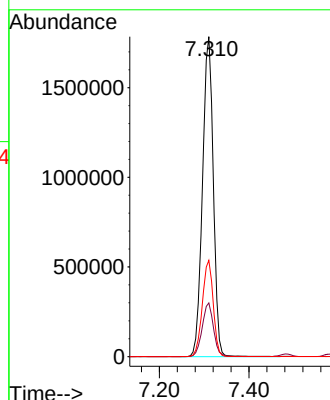
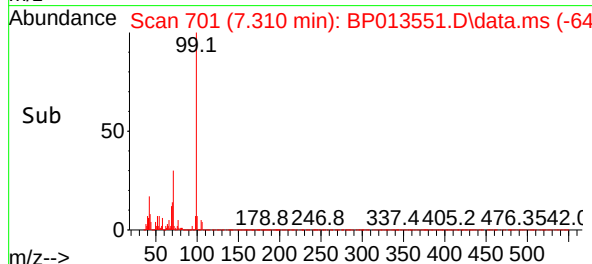
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion: 99 Resp: 2975868
Ion Ratio Lower Upper
99 100
42 16.8 14.0 21.0
71 30.1 24.7 37.1

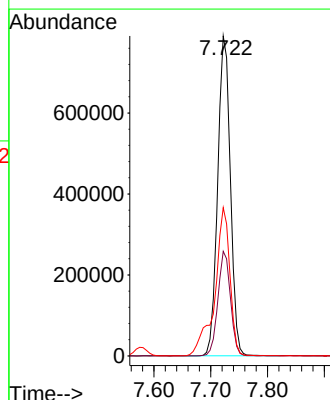
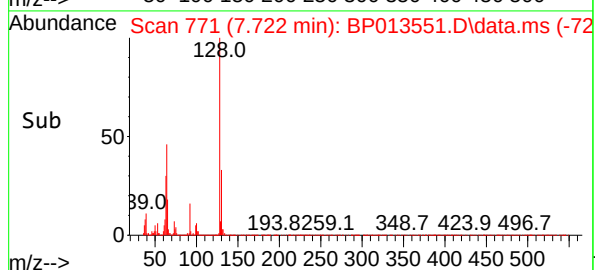
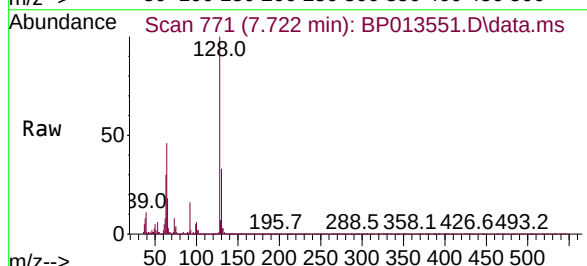
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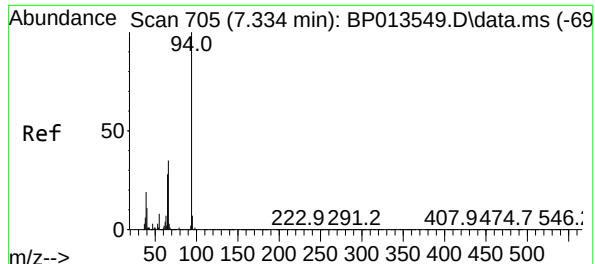
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#8
2-Chlorophenol
Concen: 59.869 ng
RT: 7.722 min Scan# 771
Delta R.T. -0.000 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

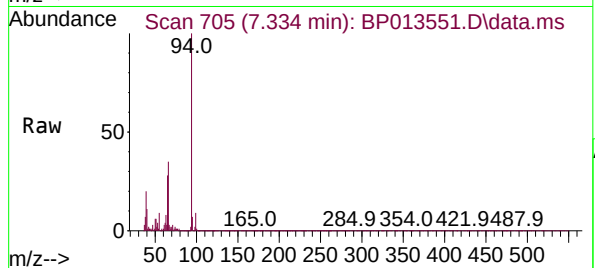
Tgt Ion:128 Resp: 1226729
Ion Ratio Lower Upper
128 100
130 32.7 12.4 52.4
64 46.3 26.2 66.2





#10
Phenol
Concen: 59.547 ng
RT: 7.334 min Scan# 705
Delta R.T. -0.000 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

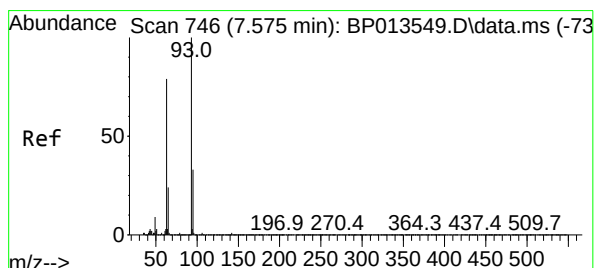
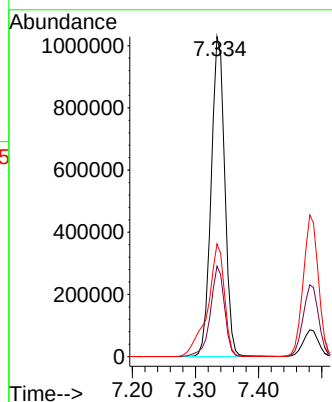
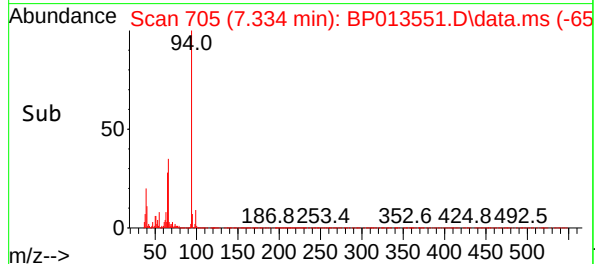
Instrument :
BNA_P
Client Sample Id :
SSTDICC060



Tgt Ion: 94 Resp: 1541832
Ion Ratio Lower Upper
94 100
65 28.2 7.8 47.8
66 35.2 15.5 55.5

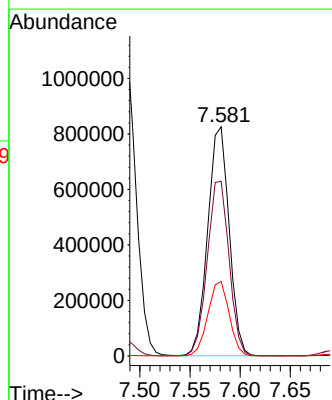
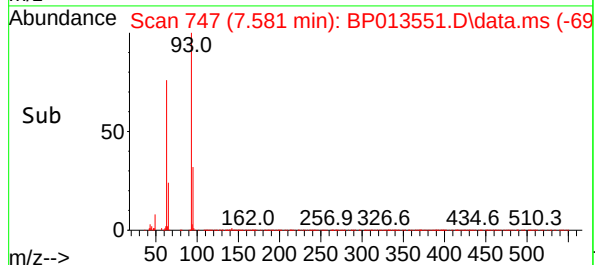
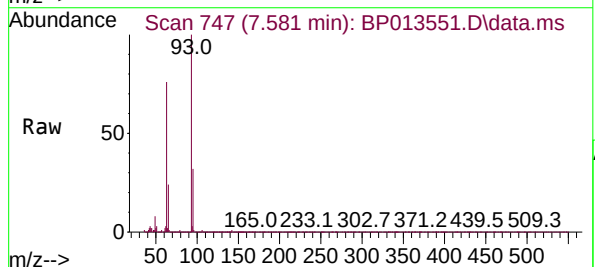
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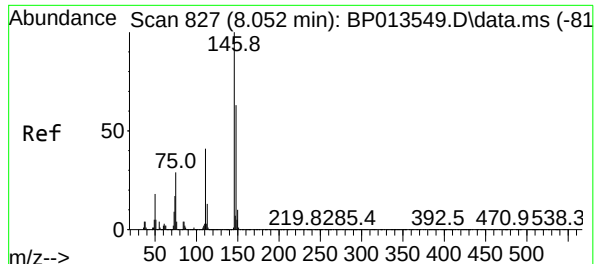
Reviewed By : Christian Giraldo 01/24/2023
Supervised By : Jagrut Upadhyay 01/24/2023



#11
bis(2-Chloroethyl)ether
Concen: 57.937 ng
RT: 7.581 min Scan# 747
Delta R.T. 0.006 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

Tgt Ion: 93 Resp: 1226647
Ion Ratio Lower Upper
93 100
63 76.3 58.7 98.7
95 32.4 12.8 52.8





#12

1,3-Dichlorobenzene

Concen: 57.860 ng

RT: 8.052 min Scan# 81

Delta R.T. -0.000 min

Lab File: BP013551.D

Acq: 23 Jan 2023 14:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:146 Resp: 1311095

Ion Ratio Lower Upper

146 100

148 64.0 50.7 76.1

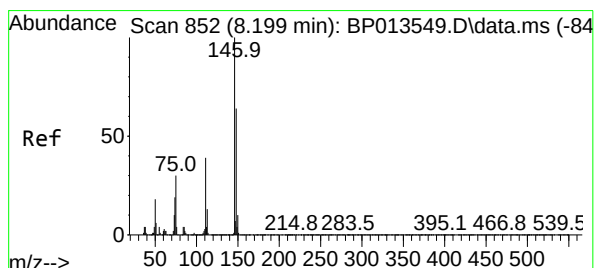
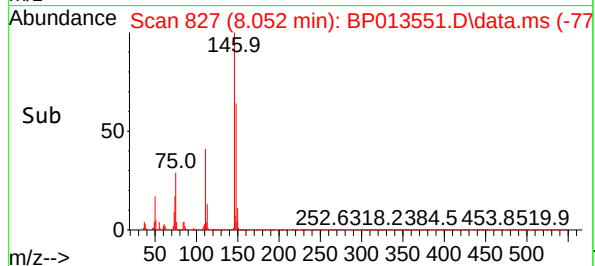
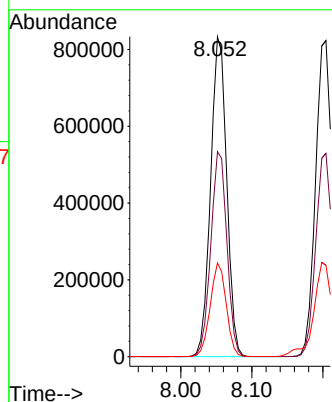
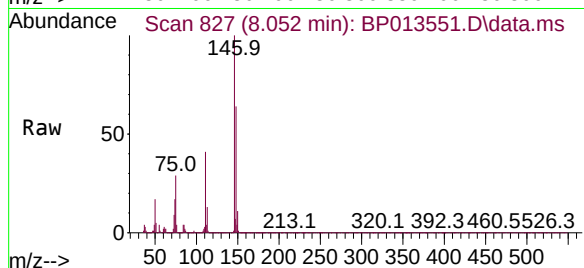
75 29.3 23.4 35.2

Manual Integrations

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Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#13

1,4-Dichlorobenzene

Concen: 57.755 ng

RT: 8.204 min Scan# 853

Delta R.T. 0.006 min

Lab File: BP013551.D

Acq: 23 Jan 2023 14:51

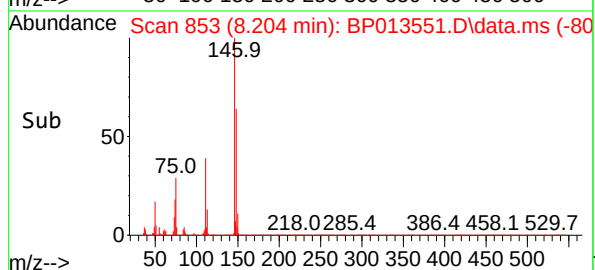
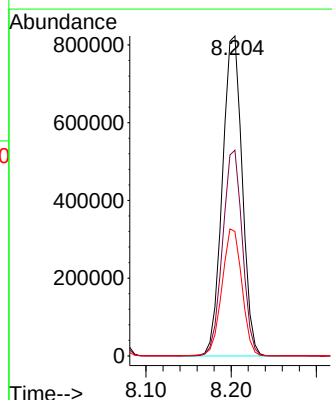
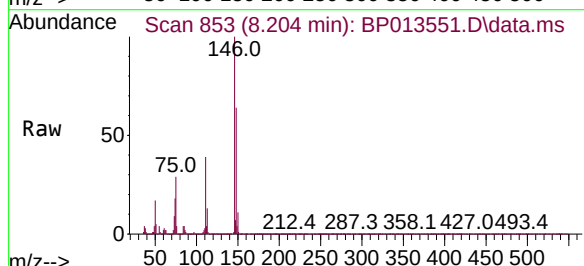
Tgt Ion:146 Resp: 1327000

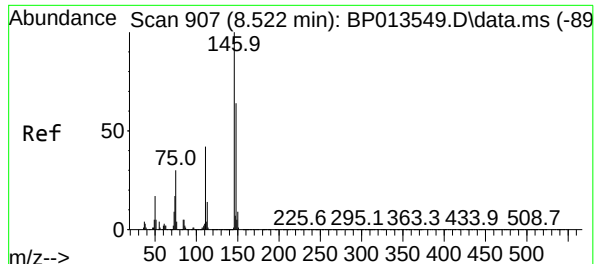
Ion Ratio Lower Upper

146 100

148 64.3 51.4 77.0

111 38.9 31.4 47.2





#14

1,2-Dichlorobenzene

Concen: 57.704 ng

RT: 8.522 min Scan# 907

Delta R.T. -0.000 min

Lab File: BP013551.D

Acq: 23 Jan 2023 14:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:146 Resp: 1283786

Ion Ratio Lower Upper

146 100

148 63.5 50.8 76.2

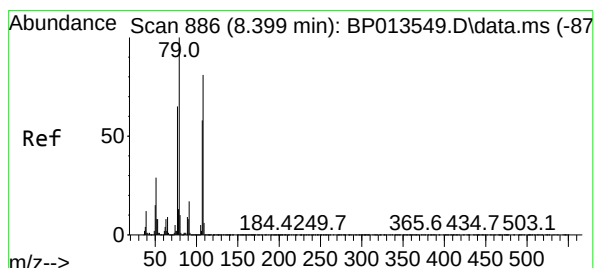
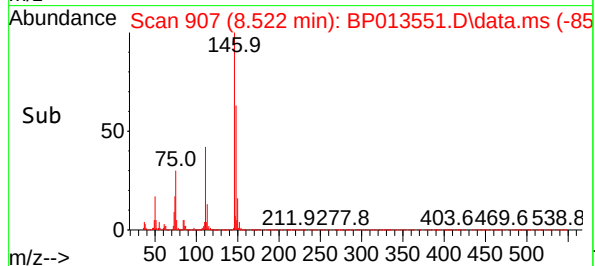
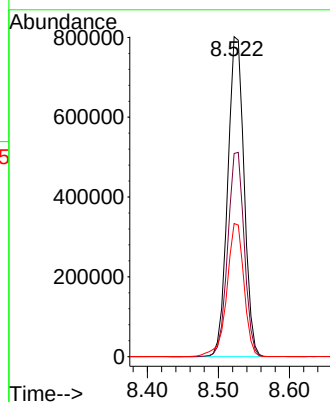
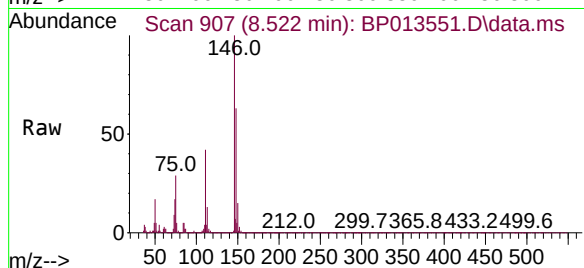
111 41.6 33.4 50.2

Manual Integrations

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Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#15

Benzyl Alcohol

Concen: 60.216 ng

RT: 8.404 min Scan# 887

Delta R.T. 0.006 min

Lab File: BP013551.D

Acq: 23 Jan 2023 14:51

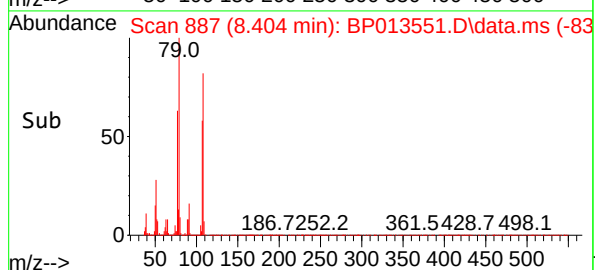
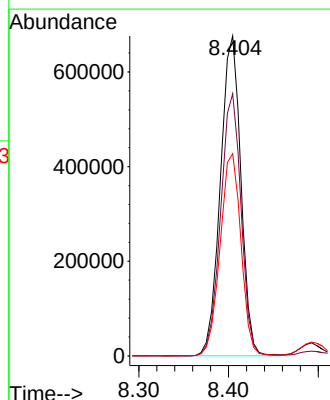
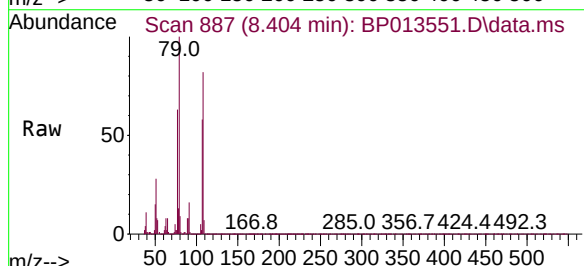
Tgt Ion: 79 Resp: 1075212

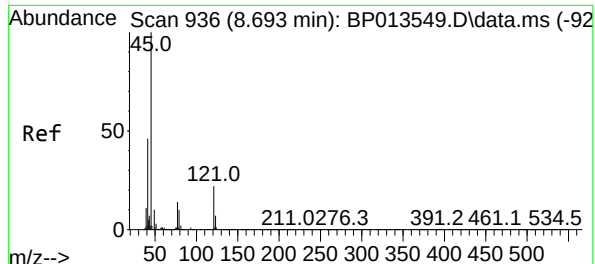
Ion Ratio Lower Upper

79 100

108 81.9 65.2 97.8

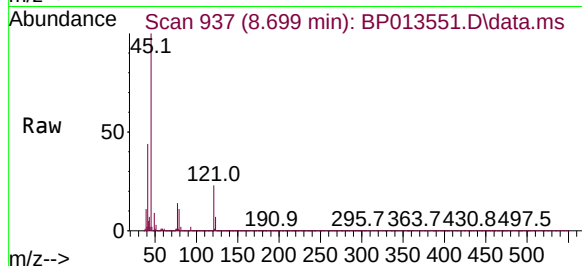
77 63.2 52.3 78.5





#16
2,2'-oxybis(1-Chloropropane)
Concen: 56.854 ng m
RT: 8.699 min Scan# 936
Delta R.T. 0.006 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

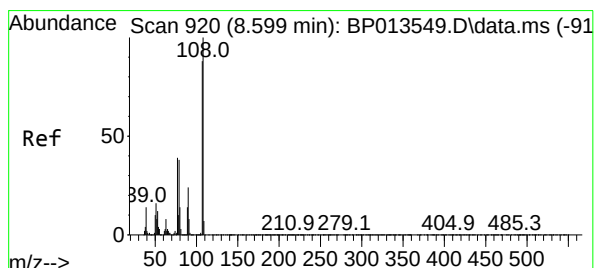
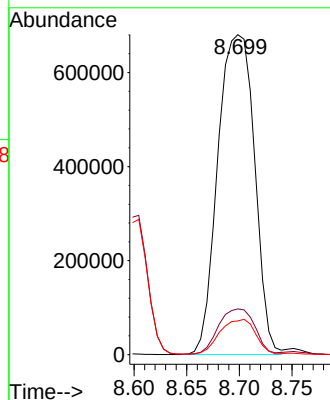
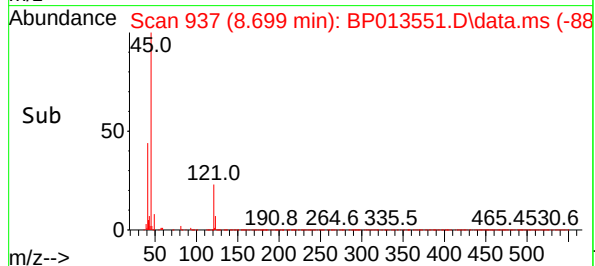
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



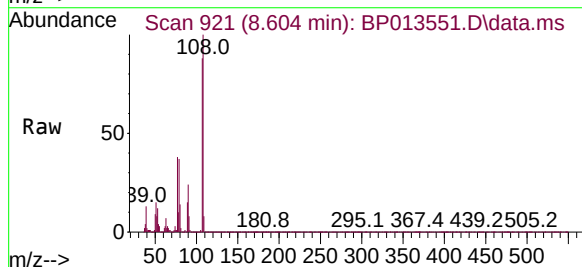
Tgt Ion: 45 Resp: 1650440
Ion Ratio Lower Upper
45 100
77 14.3 0.0 34.2
79 10.5 0.0 30.4

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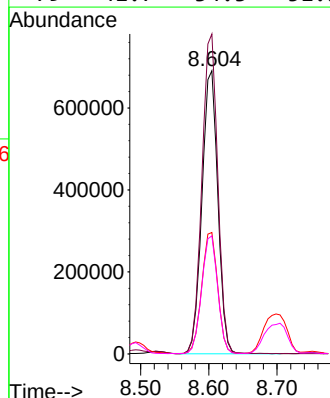
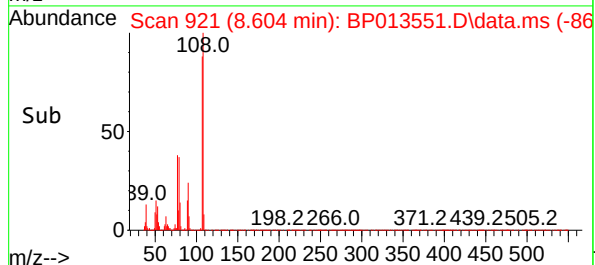
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

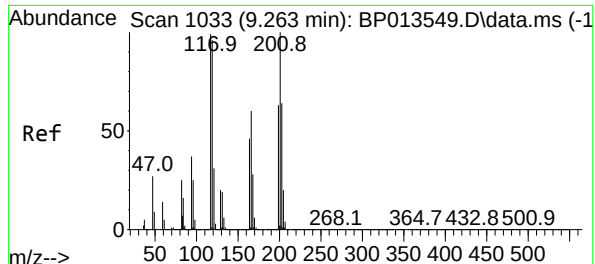


#17
2-Methylphenol
Concen: 59.454 ng
RT: 8.604 min Scan# 921
Delta R.T. 0.006 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51



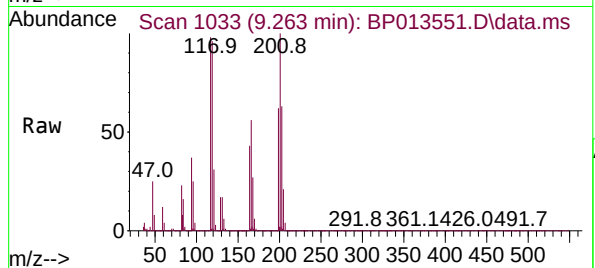
Tgt Ion:107 Resp: 1118016
Ion Ratio Lower Upper
107 100
108 113.0 90.5 135.7
77 42.9 35.4 53.2
79 41.7 34.3 51.5





#18
Hexachloroethane
Concen: 59.637 ng
RT: 9.263 min Scan# 1033
Delta R.T. -0.000 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

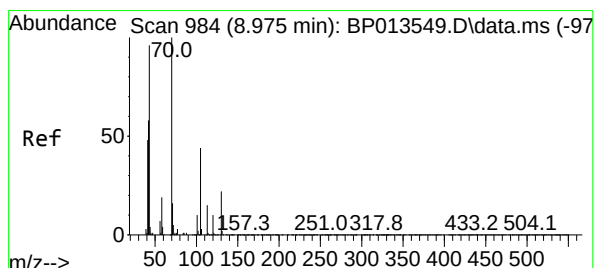
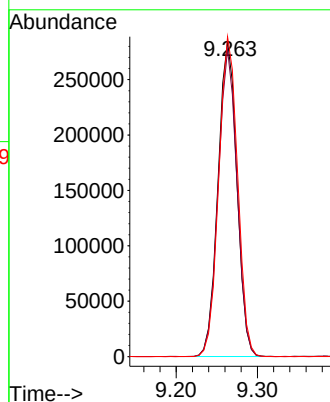
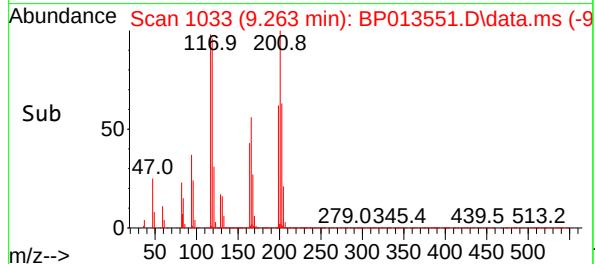
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:117 Resp: 458002
Ion Ratio Lower Upper
117 100
119 97.5 77.0 115.6
201 101.6 80.6 120.8

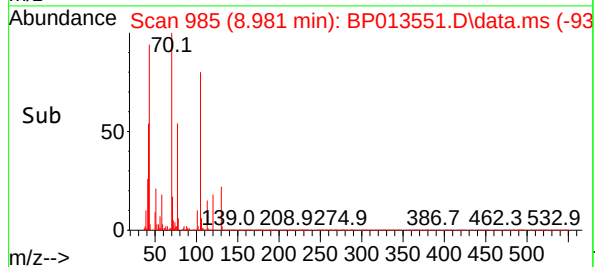
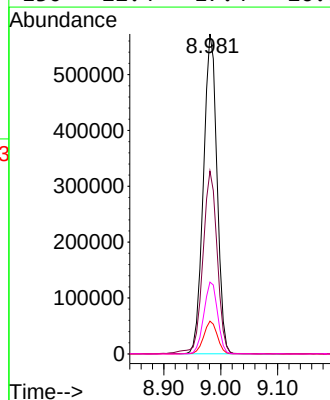
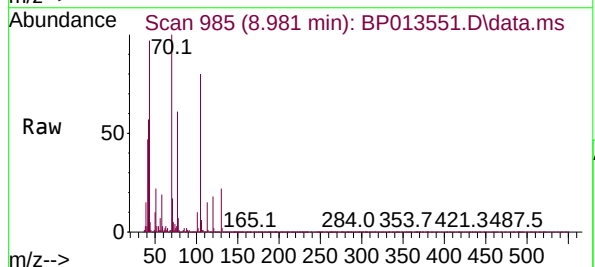
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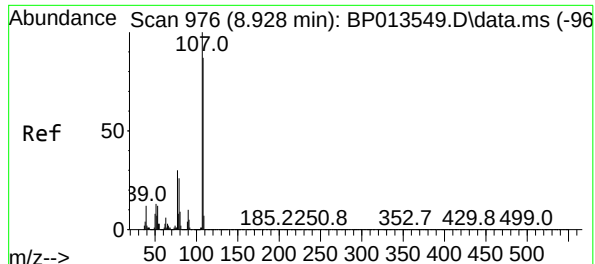
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#19
n-Nitroso-di-n-propylamine
Concen: 59.183 ng
RT: 8.981 min Scan# 985
Delta R.T. 0.006 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

Tgt Ion: 70 Resp: 952666
Ion Ratio Lower Upper
70 100
42 57.1 47.2 70.8
101 10.2 8.0 12.0
130 22.4 17.4 26.0





#20

3+4-Methylphenols

Concen: 60.205 ng

RT: 8.934 min Scan# 91

Delta R.T. 0.006 min

Lab File: BP013551.D

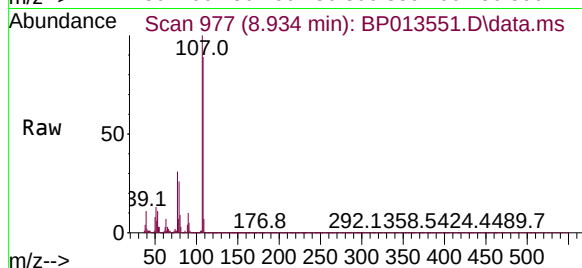
Acq: 23 Jan 2023 14:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC060



Tgt Ion:107 Resp: 1490176

Ion Ratio Lower Upper

107 100

108 89.3 67.5 107.5

77 31.1 10.5 50.5

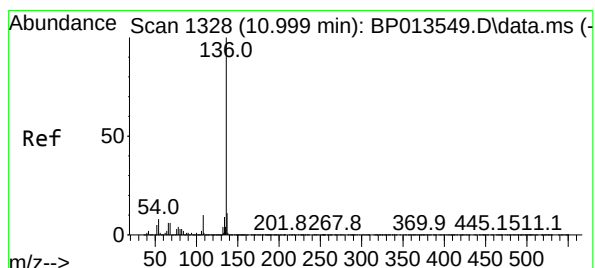
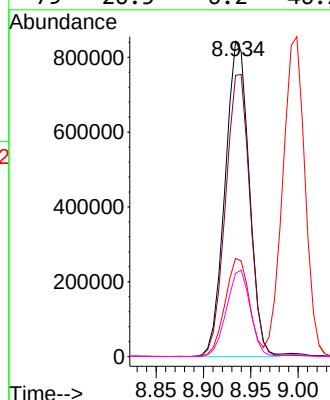
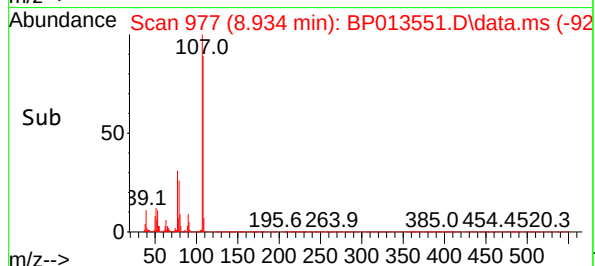
79 26.5 6.2 46.2

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Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#21

Naphthalene-d8

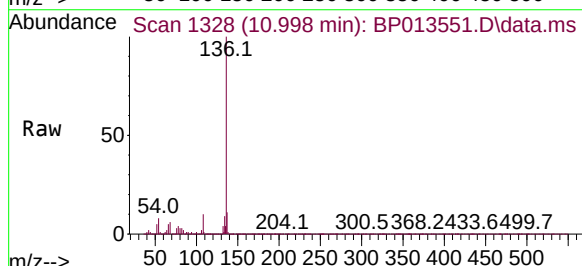
Concen: 20.000 ng

RT: 10.998 min Scan# 1328

Delta R.T. -0.000 min

Lab File: BP013551.D

Acq: 23 Jan 2023 14:51



Tgt Ion:136 Resp: 1240381

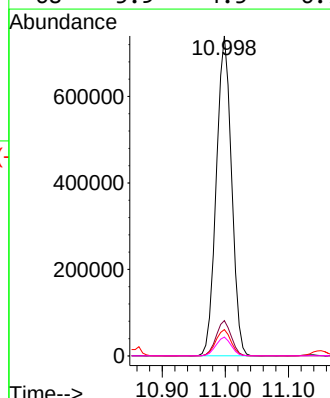
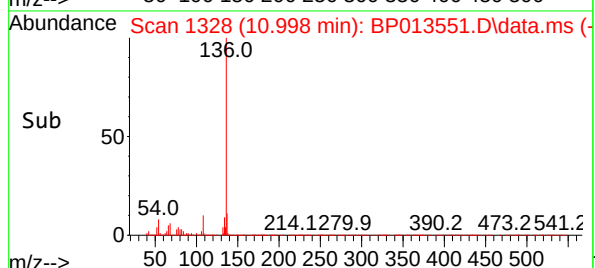
Ion Ratio Lower Upper

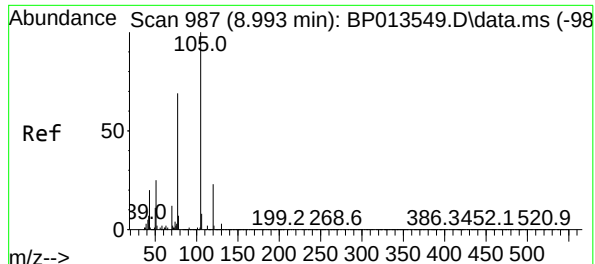
136 100

137 11.0 9.0 13.4

54 8.2 6.6 9.8

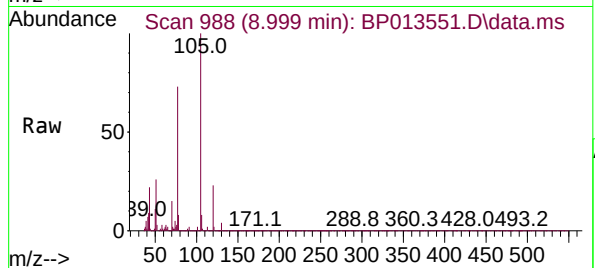
68 5.9 4.5 6.7





#22
Acetophenone
Concen: 59.695 ng
RT: 8.999 min Scan# 988
Delta R.T. 0.006 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

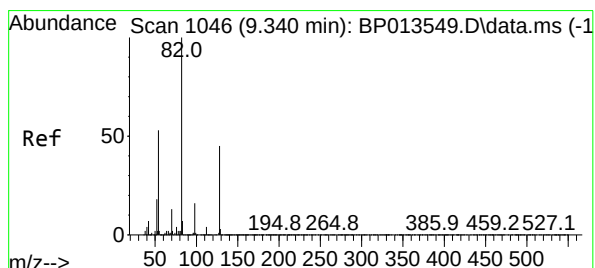
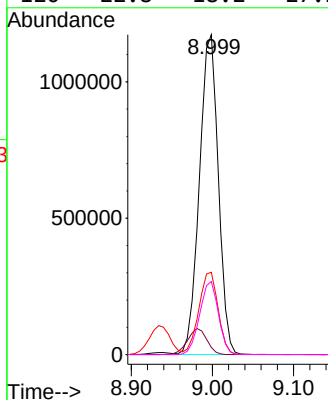
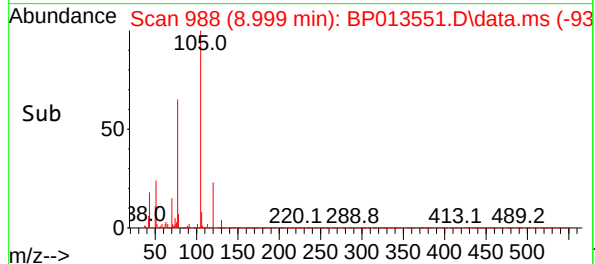
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion: 105 Resp: 189951
Ion Ratio Lower Upper
105 100
71 2.3 1.8 2.8
51 25.7 21.1 31.7
120 22.8 18.2 27.2

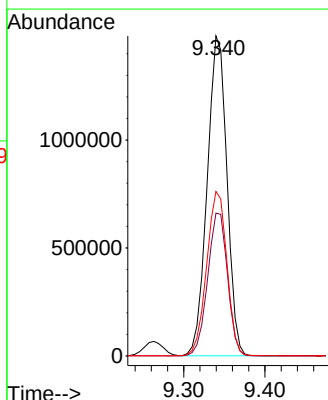
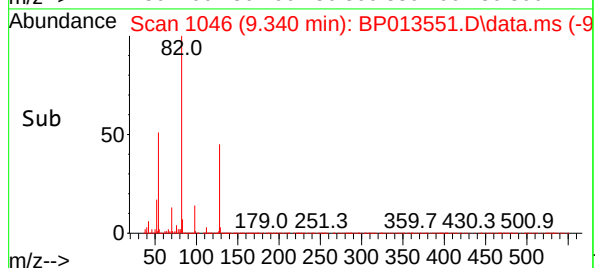
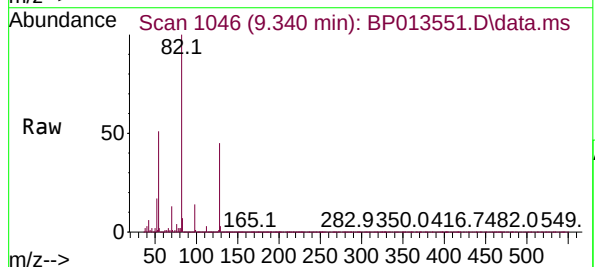
Manual Integrations
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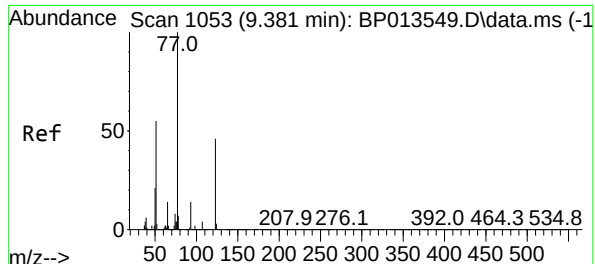
Reviewed By : Christian Giraldo 01/24/2023
Supervised By : Jagrut Upadhyay 01/24/2023



#23
Nitrobenzene-d5
Concen: 133.460 ng
RT: 9.340 min Scan# 1046
Delta R.T. -0.000 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

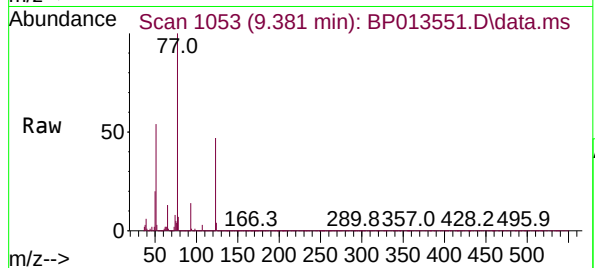
Tgt Ion: 82 Resp: 2507562
Ion Ratio Lower Upper
82 100
128 44.6 35.8 53.6
54 51.4 42.6 64.0





#24
Nitrobenzene
Concen: 65.015 ng
RT: 9.381 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

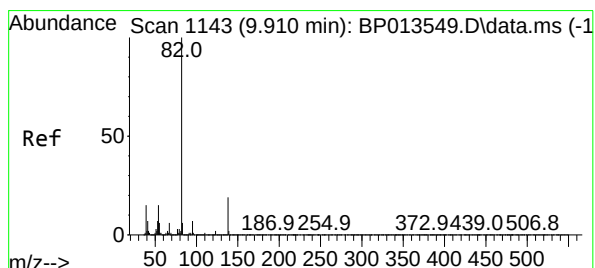
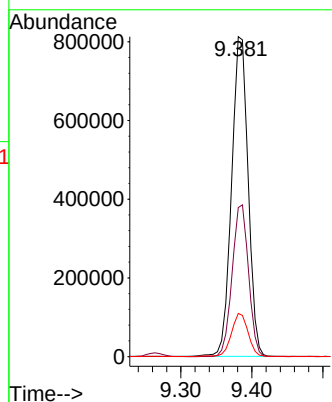
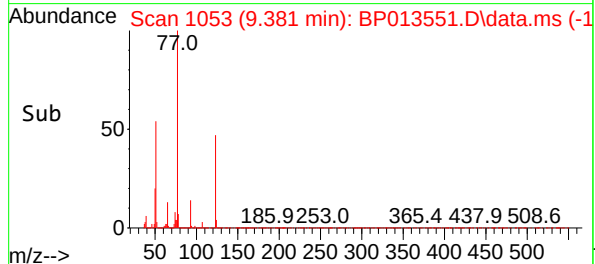
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion: 77 Resp: 131343
Ion Ratio Lower Upper
77 100
123 46.6 37.2 55.8
65 13.5 11.1 16.7

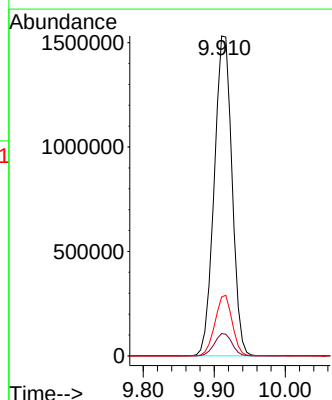
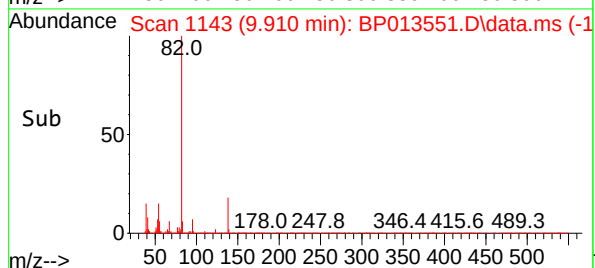
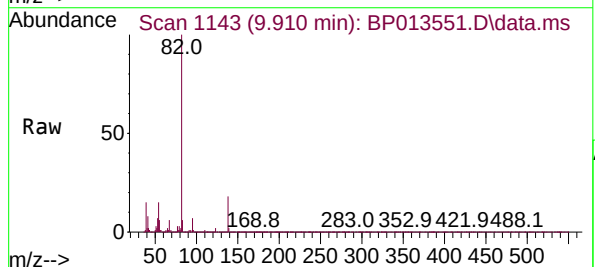
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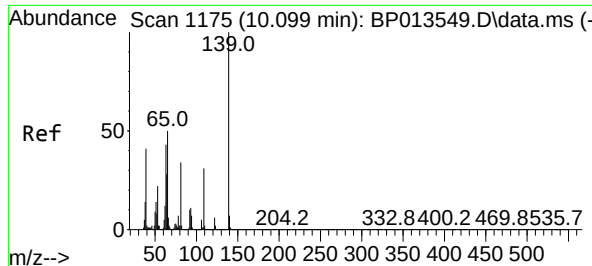
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#25
Isophorone
Concen: 59.819 ng
RT: 9.910 min Scan# 1143
Delta R.T. -0.000 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

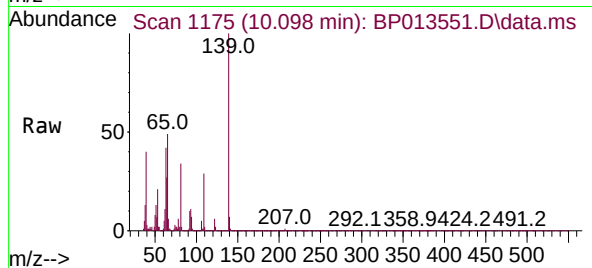
Tgt Ion: 82 Resp: 2665886
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.8
138 18.4 15.1 22.7





#26
2-Nitrophenol
Concen: 76.769 ng
RT: 10.098 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

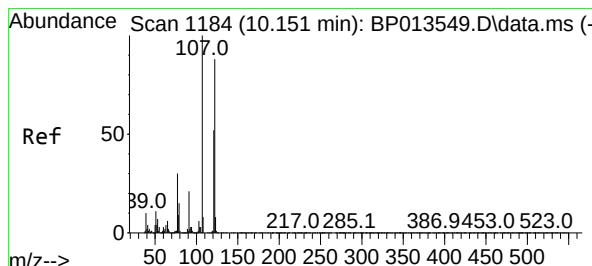
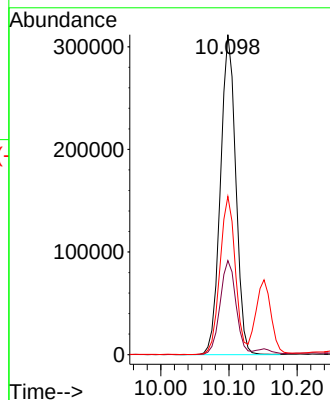
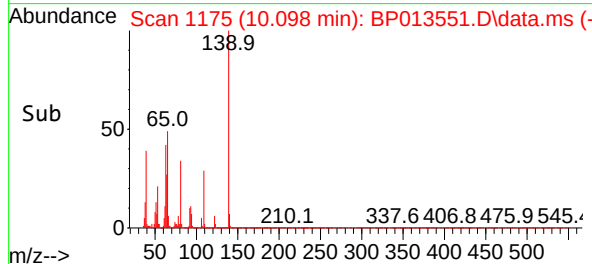
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:139 Resp: 483593
Ion Ratio Lower Upper
139 100
109 29.4 25.1 37.7
65 49.4 40.1 60.1

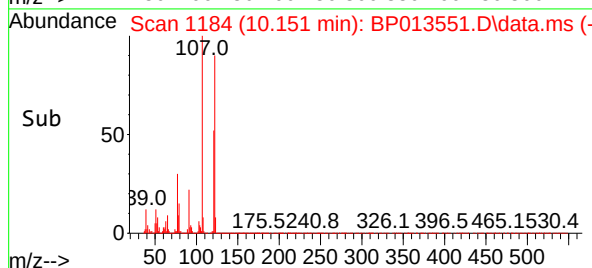
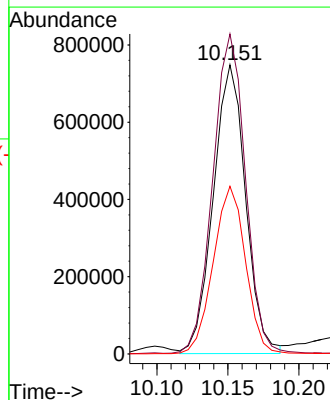
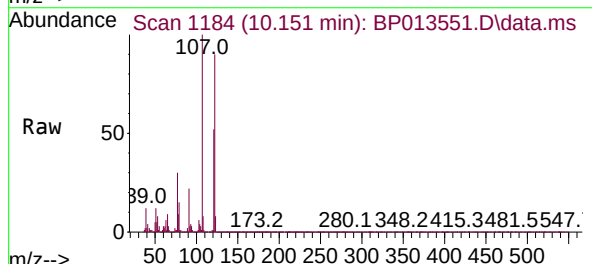
Manual Integrations
APPROVED

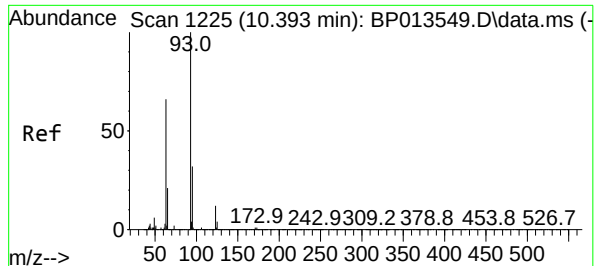
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#27
2,4-Dimethylphenol
Concen: 60.351 ng
RT: 10.151 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

Tgt Ion:122 Resp: 1185634
Ion Ratio Lower Upper
122 100
107 110.7 90.7 136.1
121 58.0 47.0 70.4





#28

bis(2-Chloroethoxy)methane

Concen: 60.087 ng

RT: 10.393 min Scan# 1225

Delta R.T. -0.000 min

Lab File: BP013551.D

Acq: 23 Jan 2023 14:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion: 93 Resp: 1613726

Ion Ratio Lower Upper

93 100

95 32.7 25.8 38.8

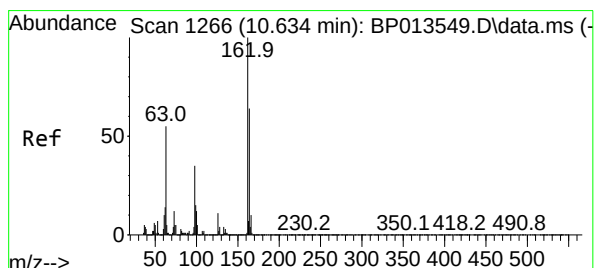
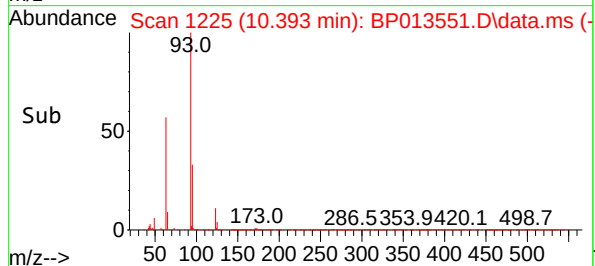
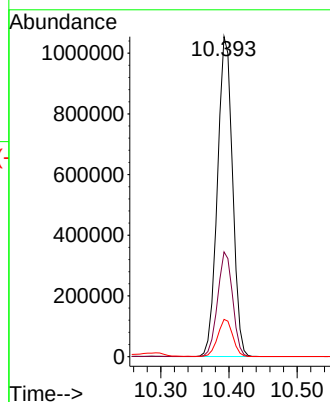
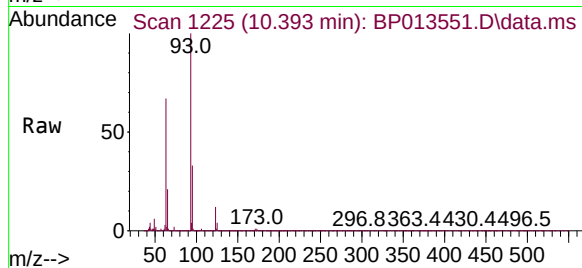
123 11.6 9.4 14.0

Manual Integrations

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Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#29

2,4-Dichlorophenol

Concen: 63.738 ng

RT: 10.634 min Scan# 1266

Delta R.T. -0.000 min

Lab File: BP013551.D

Acq: 23 Jan 2023 14:51

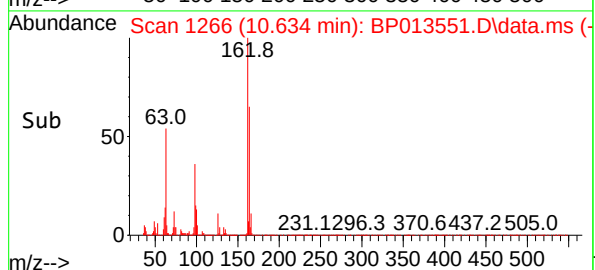
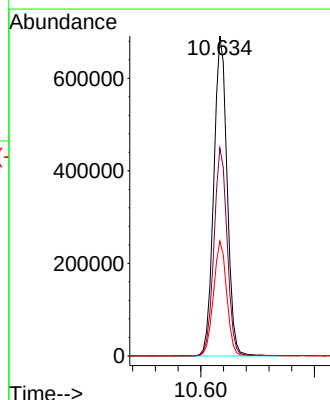
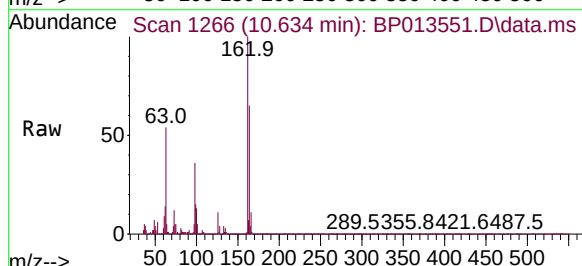
Tgt Ion:162 Resp: 1127899

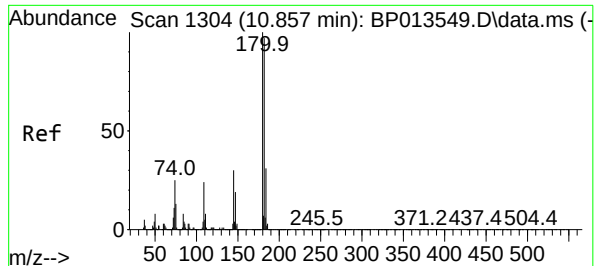
Ion Ratio Lower Upper

162 100

164 64.9 44.3 84.3

98 35.8 15.3 55.3





#30

1,2,4-Trichlorobenzene

Concen: 60.656 ng

RT: 10.857 min Scan# 1304

Delta R.T. -0.000 min

Lab File: BP013551.D

Acq: 23 Jan 2023 14:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:180 Resp: 1224936

Ion Ratio Lower Upper

180 100

182 95.5 77.9 116.9

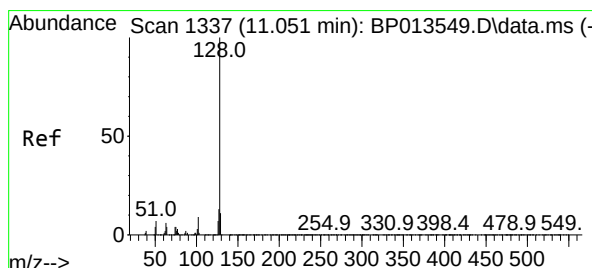
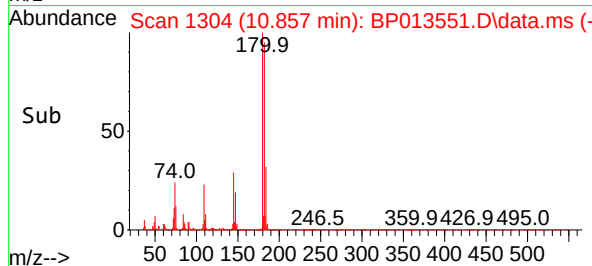
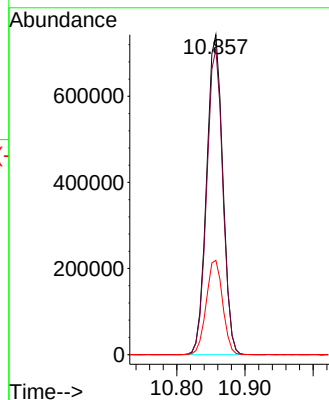
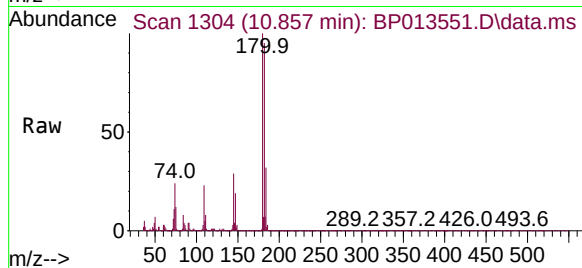
145 29.5 24.0 36.0

Manual Integrations

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Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#31

Naphthalene

Concen: 59.984 ng

RT: 11.051 min Scan# 1337

Delta R.T. -0.000 min

Lab File: BP013551.D

Acq: 23 Jan 2023 14:51

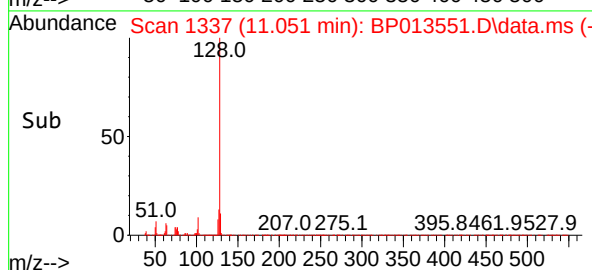
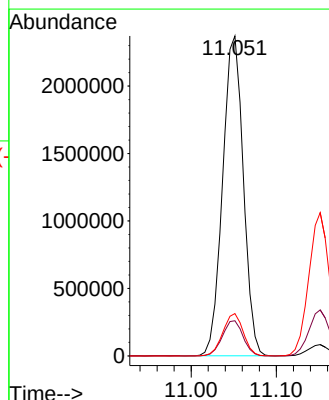
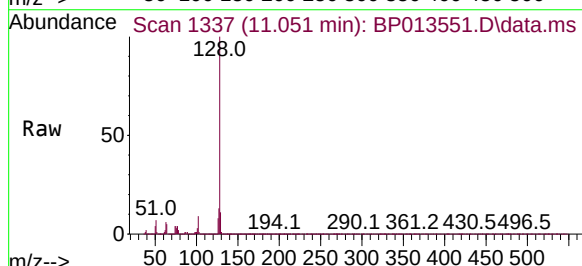
Tgt Ion:128 Resp: 3999959

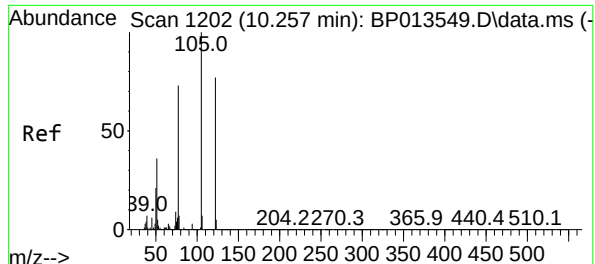
Ion Ratio Lower Upper

128 100

129 11.0 8.5 12.7

127 13.2 10.6 16.0





#32

Benzoic acid

Concen: 71.815 ng

RT: 10.298 min Scan# 1209

Delta R.T. 0.041 min

Lab File: BP013551.D

Acq: 23 Jan 2023 14:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:122 Resp: 616636

Ion Ratio Lower Upper

122 100

105 121.0 100.5 140.5

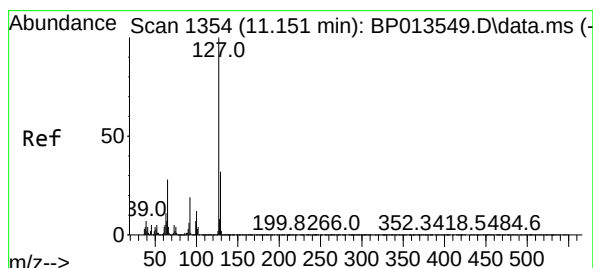
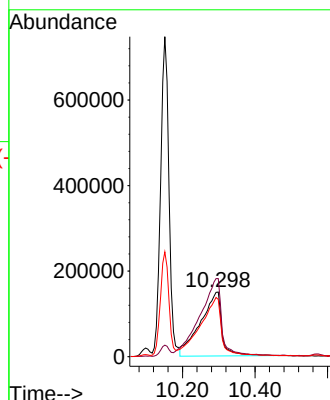
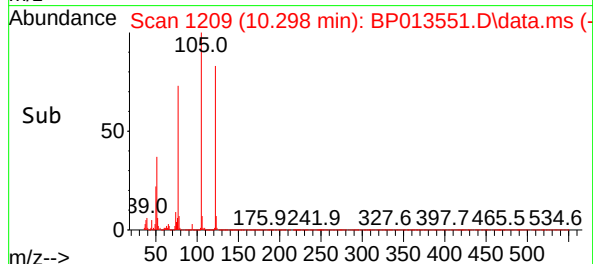
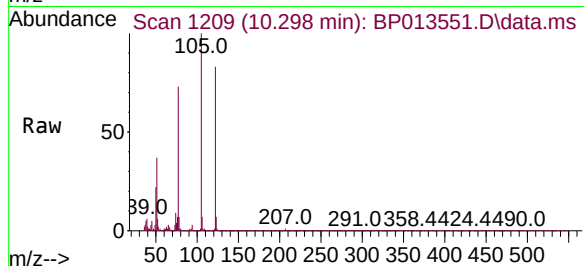
77 88.7 70.9 110.9

Manual Integrations

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Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#33

4-Chloroaniline

Concen: 60.327 ng

RT: 11.151 min Scan# 1354

Delta R.T. -0.000 min

Lab File: BP013551.D

Acq: 23 Jan 2023 14:51

Tgt Ion:127 Resp: 1780014

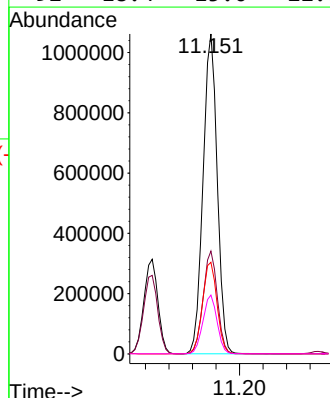
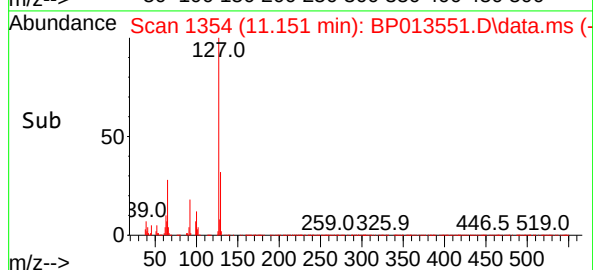
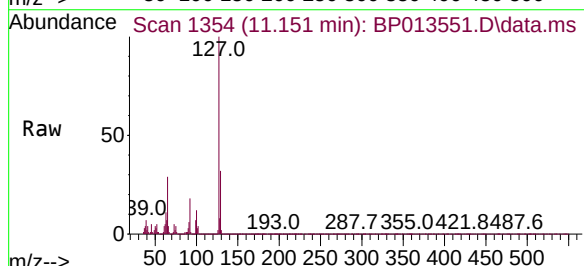
Ion Ratio Lower Upper

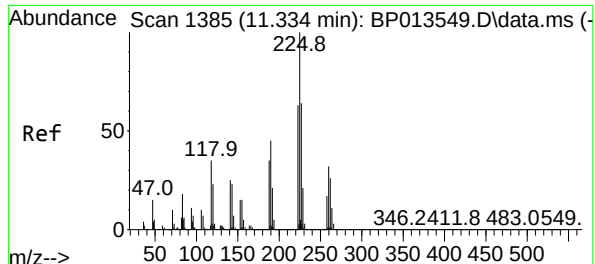
127 100

129 32.1 25.7 38.5

65 28.6 22.7 34.1

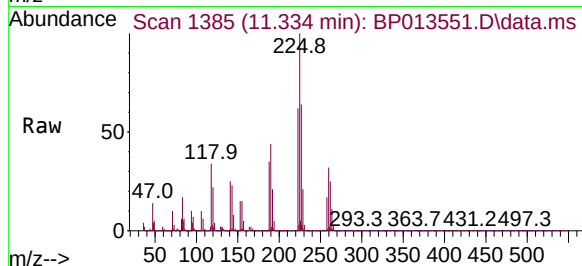
92 18.4 15.0 22.6





#34
Hexachlorobutadiene
Concen: 59.950 ng
RT: 11.334 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

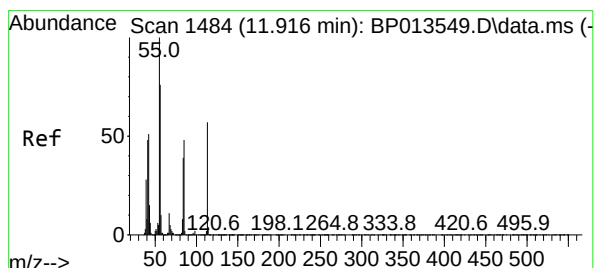
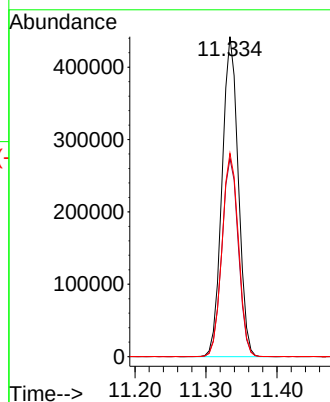
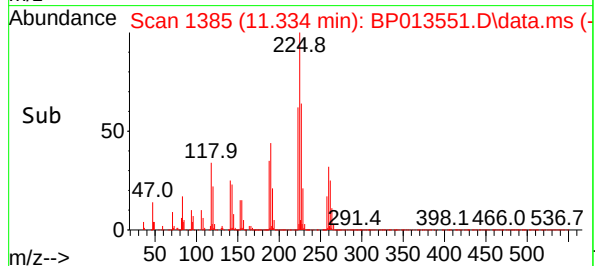
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:225 Resp: 704528
Ion Ratio Lower Upper
225 100
223 61.9 50.2 75.2
227 63.5 51.4 77.2

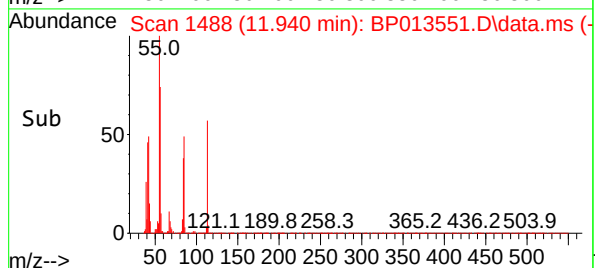
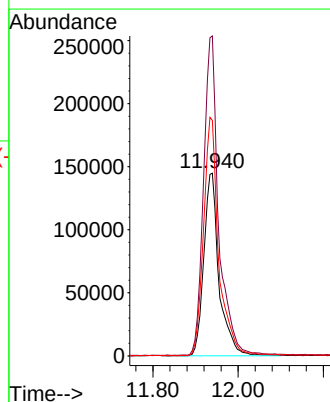
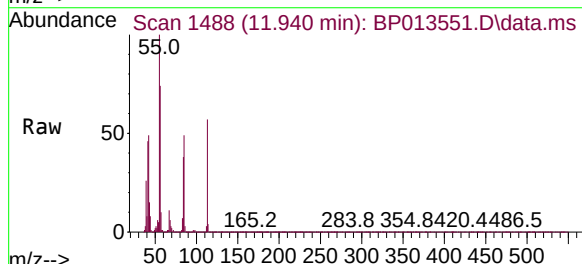
Manual Integrations
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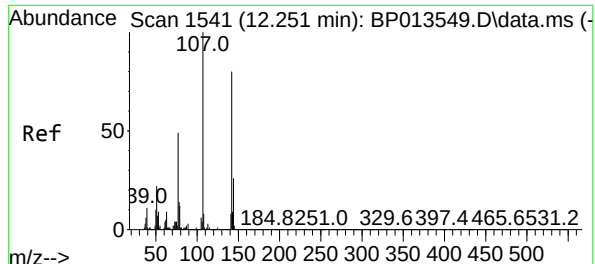
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#35
Caprolactam
Concen: 62.825 ng
RT: 11.940 min Scan# 1488
Delta R.T. 0.023 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

Tgt Ion:113 Resp: 359111
Ion Ratio Lower Upper
113 100
55 175.1 156.5 196.5
56 128.9 113.5 153.5





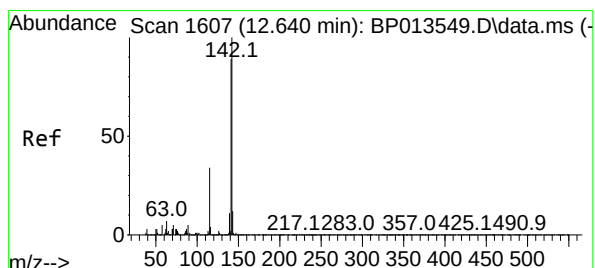
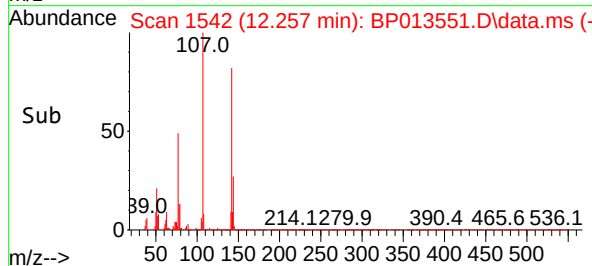
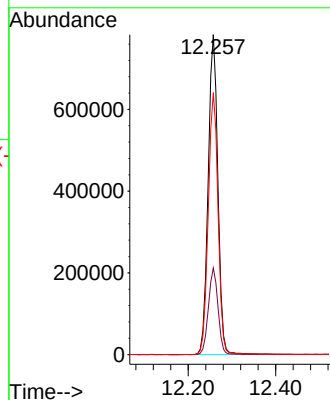
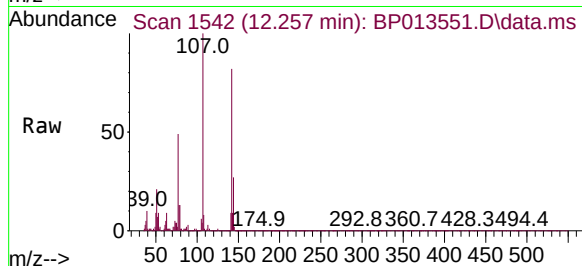
#36
4-Chloro-3-methylphenol
Concen: 62.417 ng
RT: 12.257 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:107 Resp: 1202874
Ion Ratio Lower Upper
107 100
144 27.1 21.1 31.7
142 81.9 64.0 96.0

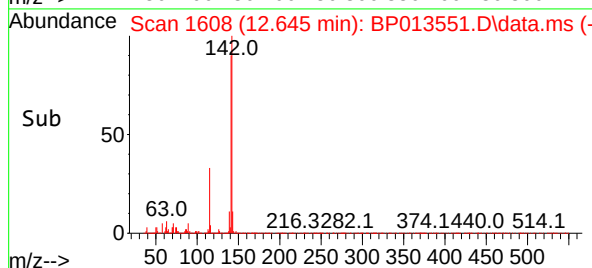
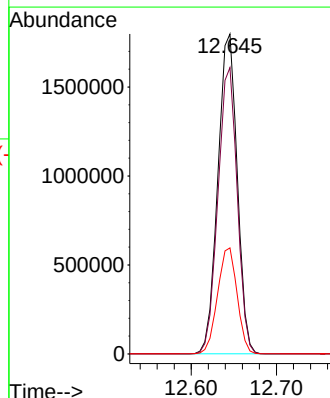
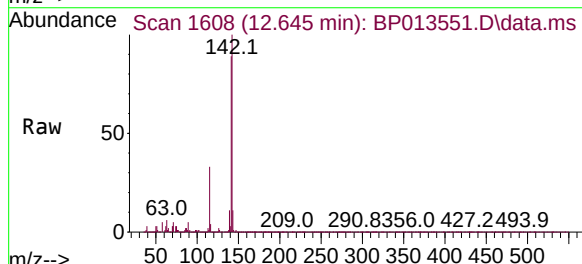
Manual Integrations
APPROVED

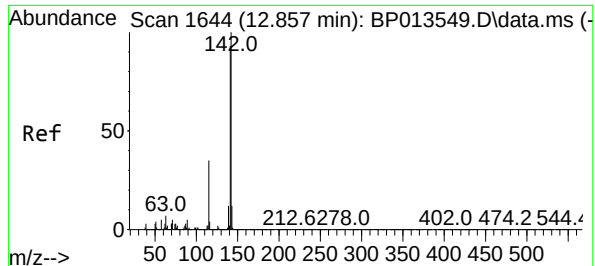
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#37
2-Methylnaphthalene
Concen: 59.835 ng
RT: 12.645 min Scan# 1608
Delta R.T. 0.006 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

Tgt Ion:142 Resp: 2836128
Ion Ratio Lower Upper
142 100
141 89.5 71.4 107.2
115 33.1 27.4 41.2





#38

1-Methylnaphthalene

Concen: 59.734 ng

RT: 12.857 min Scan# 1644

Delta R.T. -0.000 min

Lab File: BP013551.D

Acq: 23 Jan 2023 14:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:142 Resp: 2660484

Ion Ratio Lower Upper

142 100

141 92.2 74.3 111.5

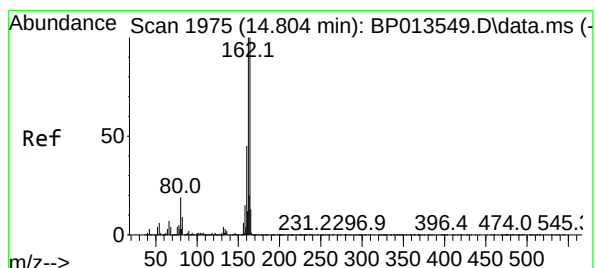
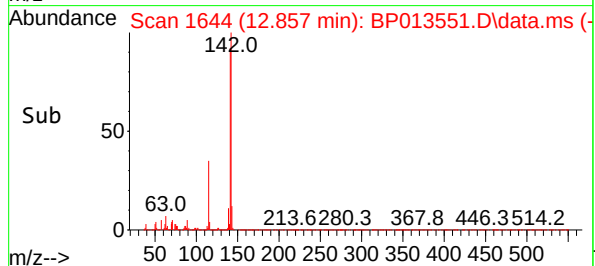
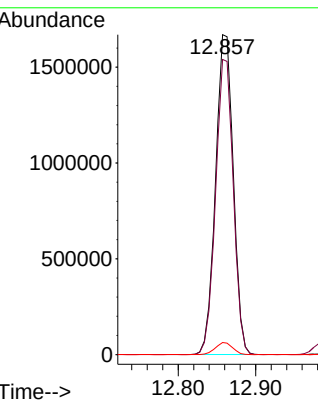
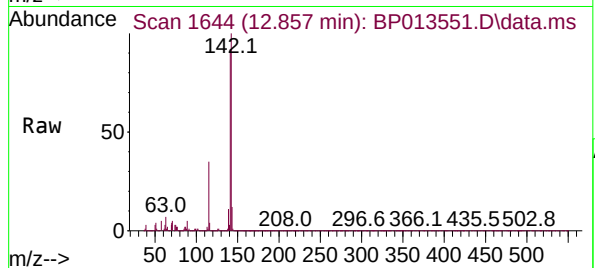
116 3.8 3.0 4.6

Manual Integrations

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Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.804 min Scan# 1975

Delta R.T. -0.000 min

Lab File: BP013551.D

Acq: 23 Jan 2023 14:51

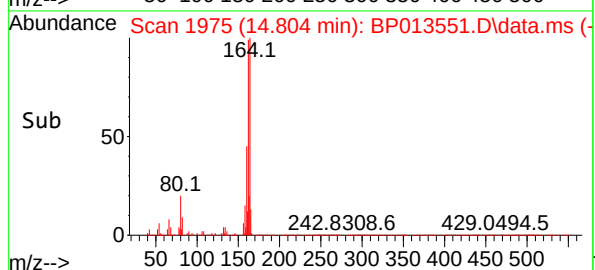
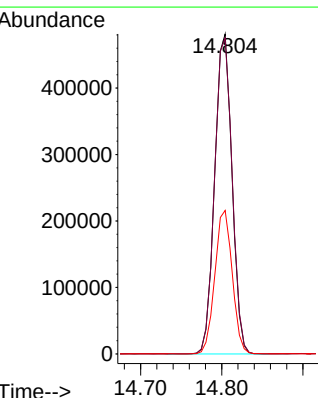
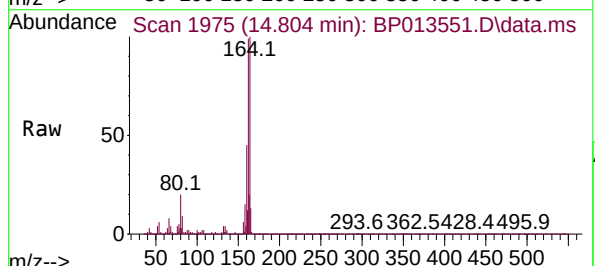
Tgt Ion:164 Resp: 709374

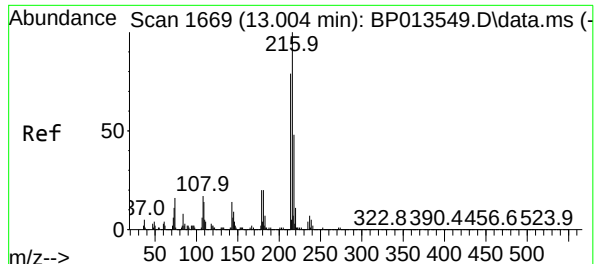
Ion Ratio Lower Upper

164 100

162 98.7 80.1 120.1

160 44.8 35.9 53.9





#40

1,2,4,5-Tetrachlorobenzene

Concen: 61.087 ng

RT: 13.004 min Scan# 1669

Delta R.T. -0.000 min

Lab File: BP013551.D

Acq: 23 Jan 2023 14:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:216 Resp: 133411

Ion Ratio Lower Upper

216 100

214 78.4 62.9 94.3

179 21.0 16.6 24.8

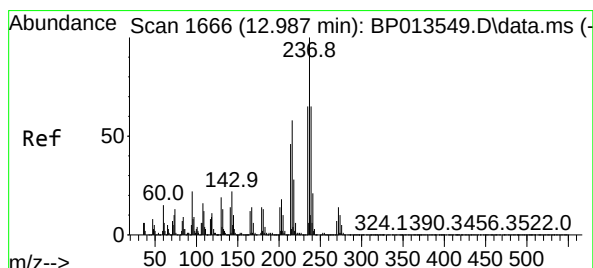
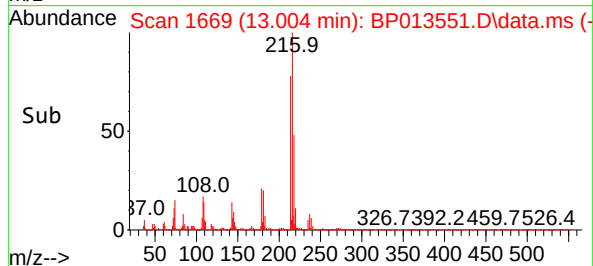
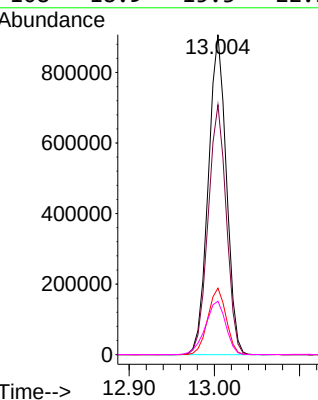
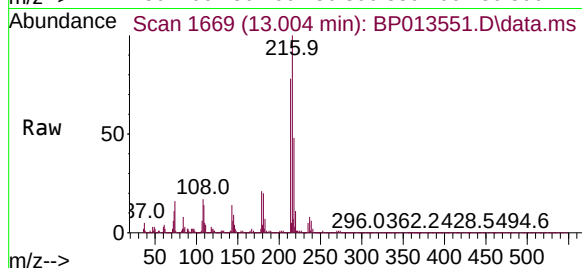
108 18.9 15.3 22.9

Manual Integrations

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Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#41

Hexachlorocyclopentadiene

Concen: 67.200 ng

RT: 12.987 min Scan# 1666

Delta R.T. -0.000 min

Lab File: BP013551.D

Acq: 23 Jan 2023 14:51

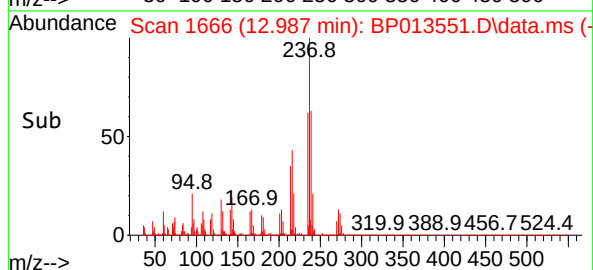
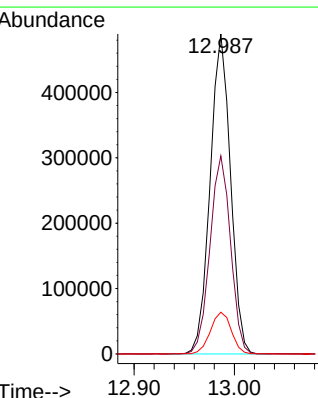
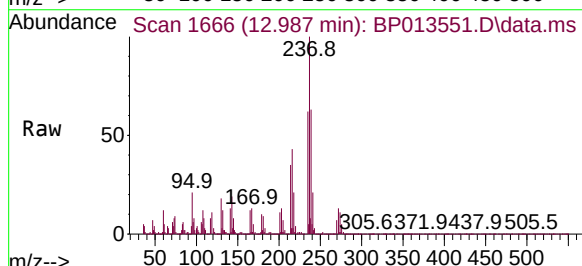
Tgt Ion:237 Resp: 690870

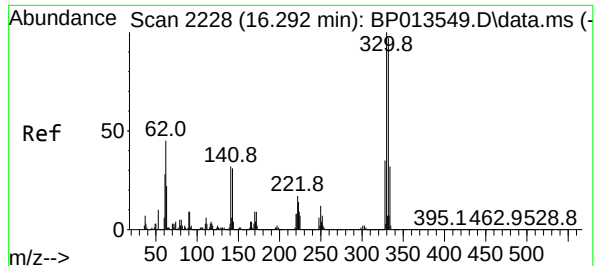
Ion Ratio Lower Upper

237 100

235 61.9 44.6 84.6

272 13.0 0.0 33.9





#42

2,4,6-Tribromophenol

Concen: 130.389 ng

RT: 16.292 min Scan# 2228

Delta R.T. -0.000 min

Lab File: BP013551.D

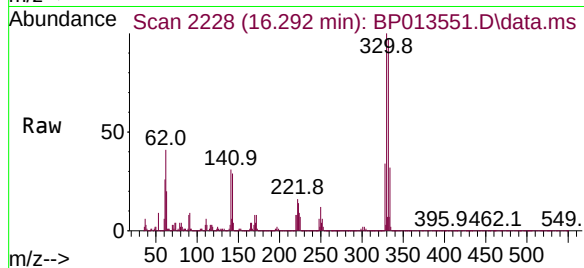
Acq: 23 Jan 2023 14:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC060



Tgt Ion:330 Resp: 96434

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.2

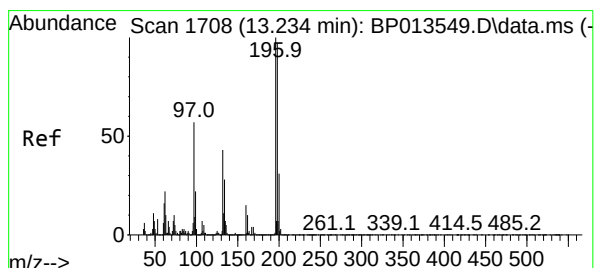
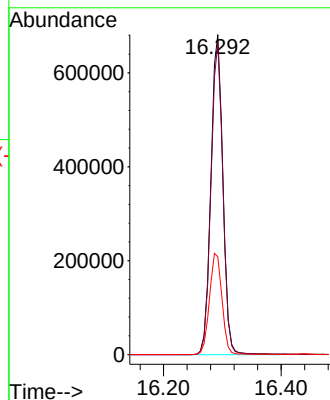
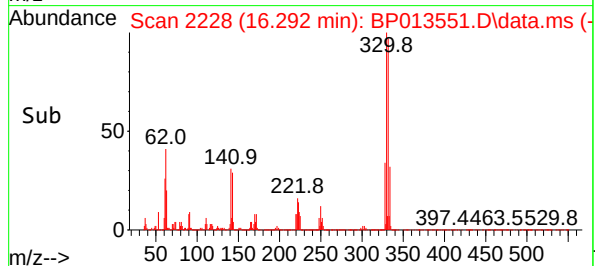
141 33.1 27.6 41.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#43

2,4,6-Trichlorophenol

Concen: 65.942 ng

RT: 13.234 min Scan# 1708

Delta R.T. -0.000 min

Lab File: BP013551.D

Acq: 23 Jan 2023 14:51

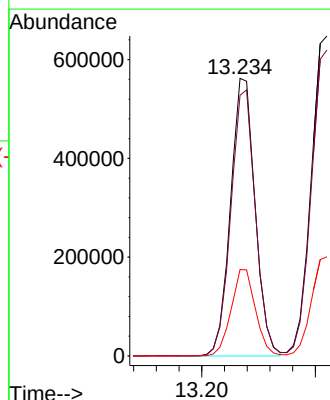
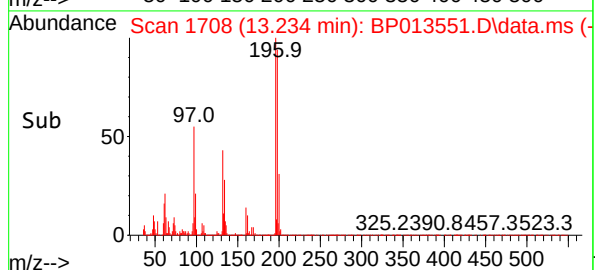
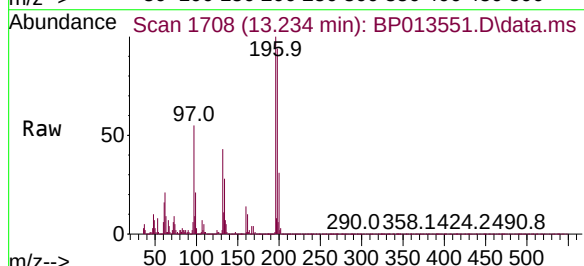
Tgt Ion:196 Resp: 842879

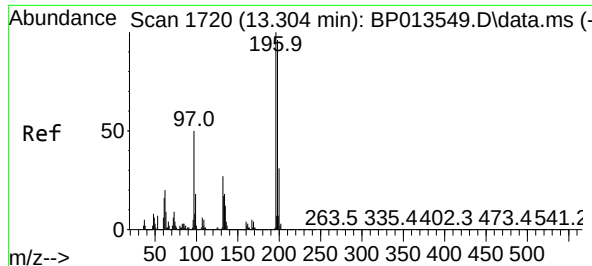
Ion Ratio Lower Upper

196 100

198 93.9 77.3 115.9

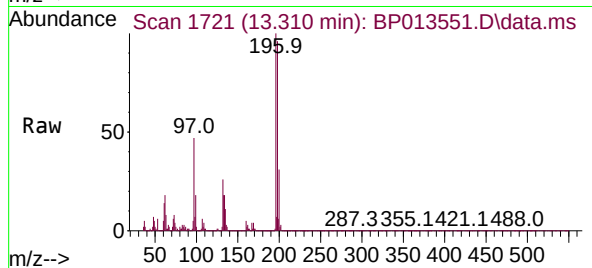
200 31.1 24.6 36.8





#44
2,4,5-Trichlorophenol
Concen: 65.839 ng
RT: 13.310 min Scan# 1720
Delta R.T. 0.006 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

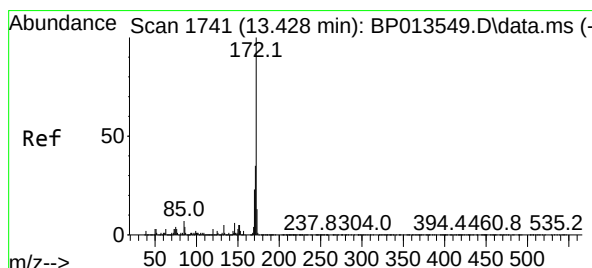
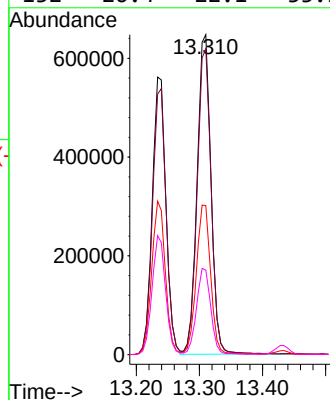
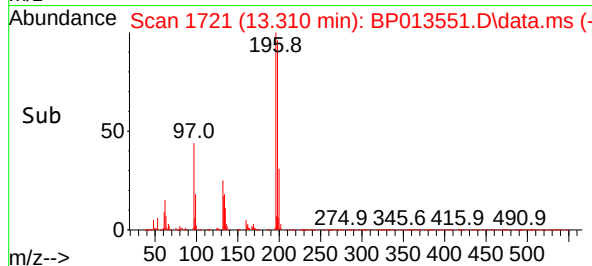
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:196 Resp: 994437
Ion Ratio Lower Upper
196 100
198 95.6 76.7 115.1
97 46.6 40.0 60.0
132 26.4 22.1 33.1

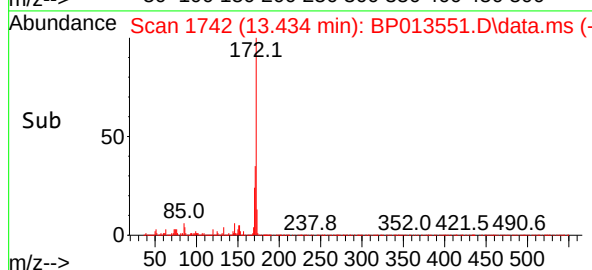
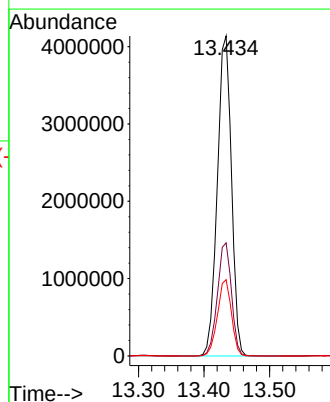
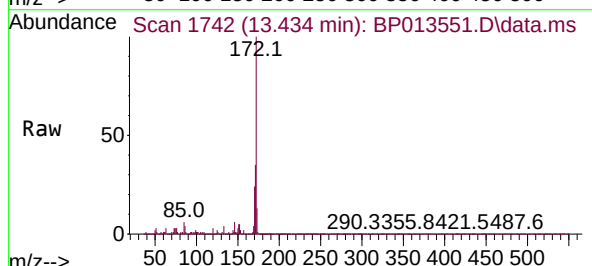
Manual Integrations
APPROVED

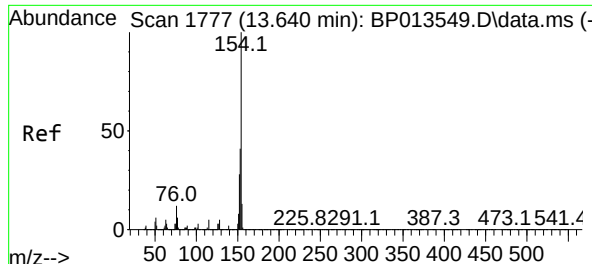
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#45
2-Fluorobiphenyl
Concen: 119.720 ng
RT: 13.434 min Scan# 1742
Delta R.T. 0.006 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

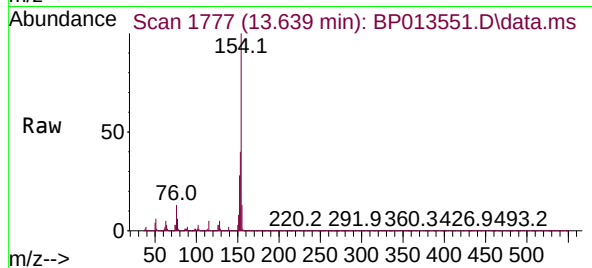
Tgt Ion:172 Resp: 6186997
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.8
170 23.8 18.6 27.8





#46
1,1'-Biphenyl
Concen: 60.283 ng
RT: 13.639 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

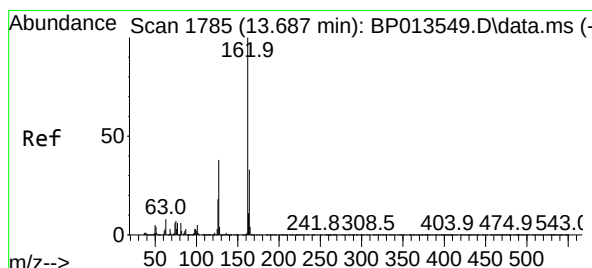
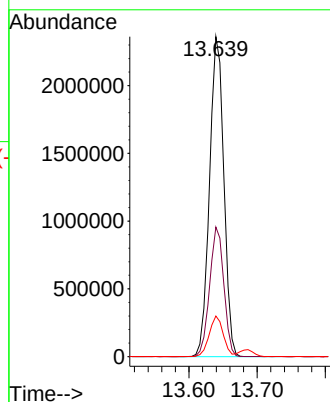
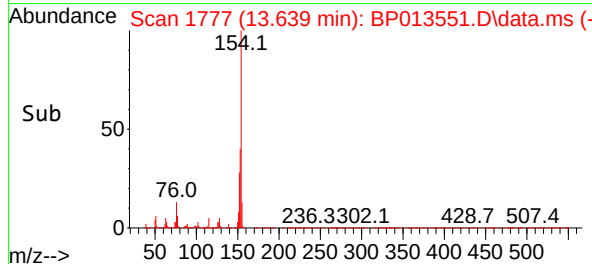
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



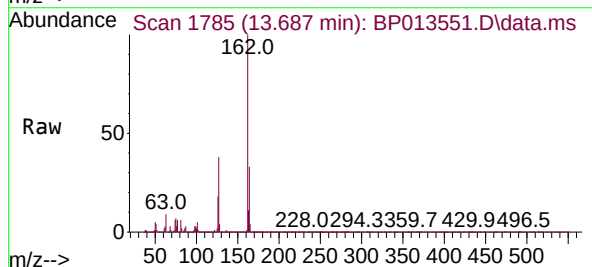
Tgt Ion:154 Resp: 3434344
Ion Ratio Lower Upper
154 100
153 40.5 20.5 60.5
76 12.7 0.0 32.1

Manual Integrations
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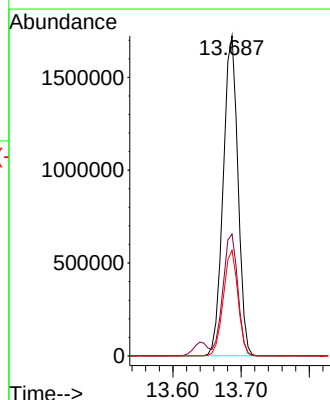
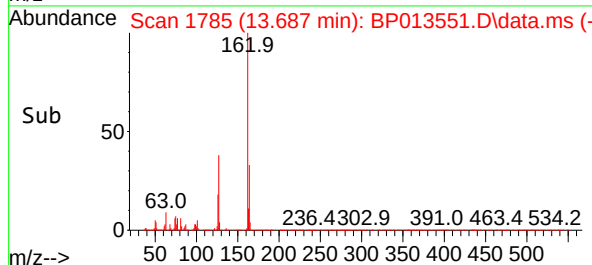
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

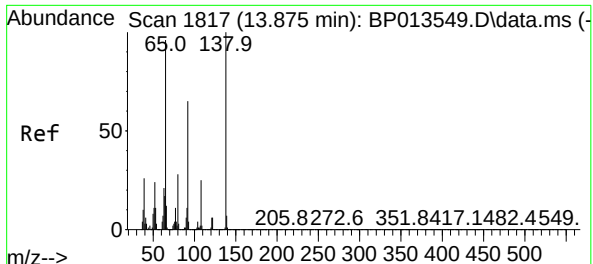


#47
2-Chloronaphthalene
Concen: 60.278 ng
RT: 13.687 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51



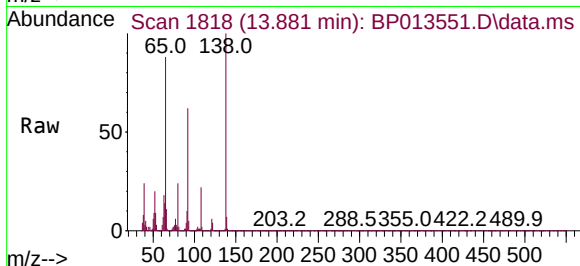
Tgt Ion:162 Resp: 2572697
Ion Ratio Lower Upper
162 100
127 38.1 30.8 46.2
164 33.0 26.2 39.2





#48
2-Nitroaniline
Concen: 76.069 ng
RT: 13.881 min Scan# 1817
Delta R.T. 0.006 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

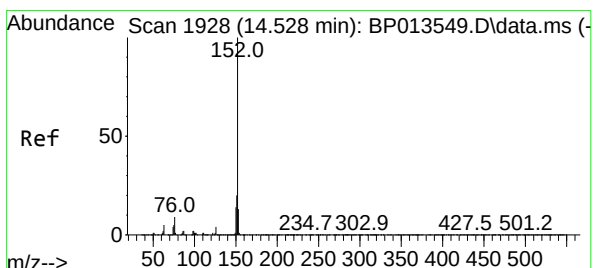
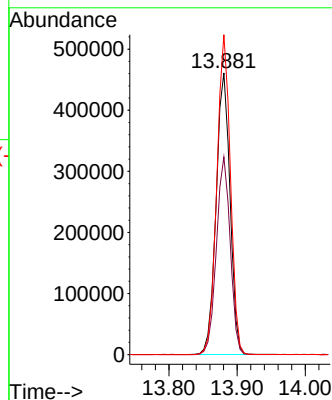
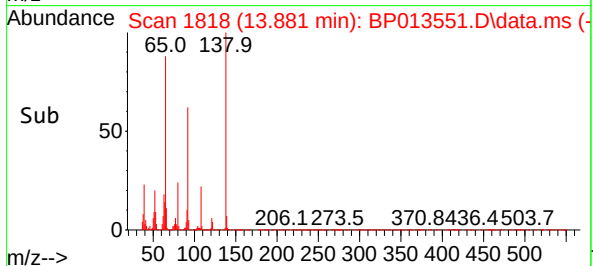
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion: 65 Resp: 649601
Ion Ratio Lower Upper
65 100
92 70.2 54.1 81.1
138 113.6 83.6 125.4

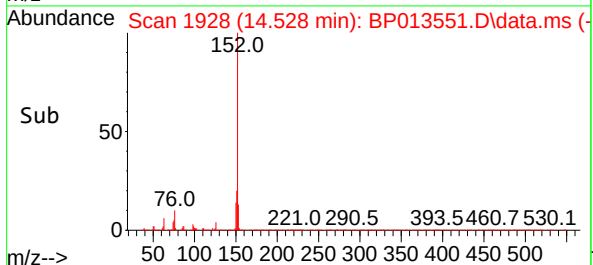
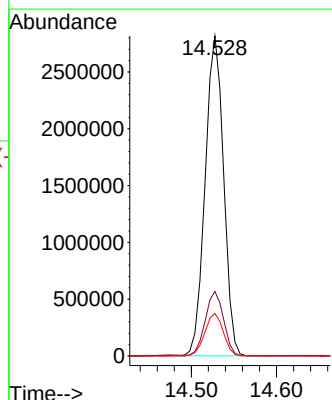
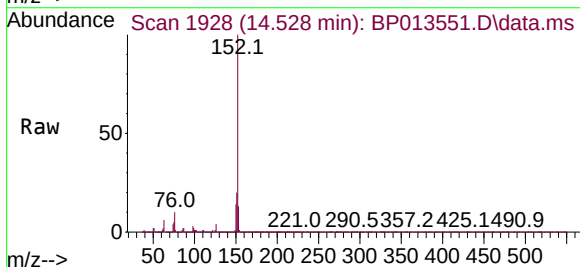
Manual Integrations
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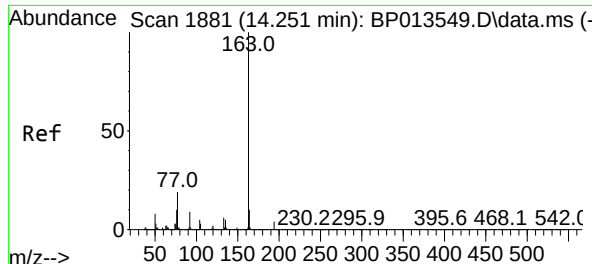
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#49
Acenaphthylene
Concen: 60.633 ng
RT: 14.528 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

Tgt Ion:152 Resp: 4232084
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.3 10.1 15.1





#50

Dimethylphthalate

Concen: 59.597 ng

RT: 14.257 min Scan# 1881

Delta R.T. 0.006 min

Lab File: BP013551.D

Acq: 23 Jan 2023 14:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:163 Resp: 3142626

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

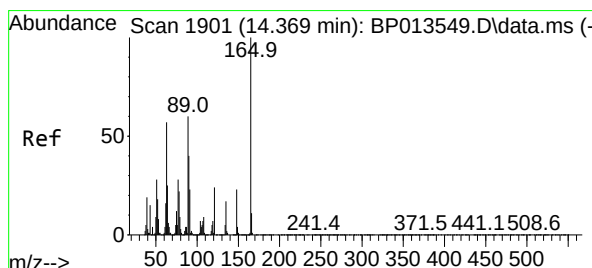
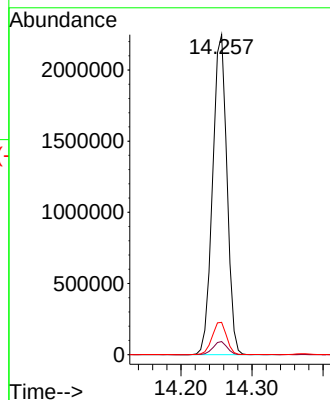
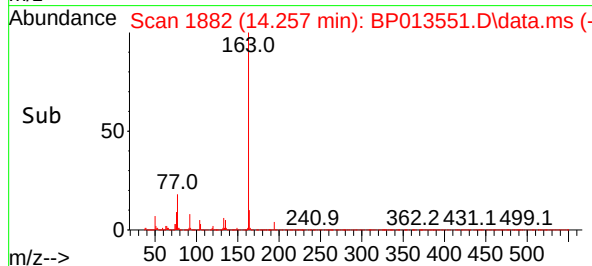
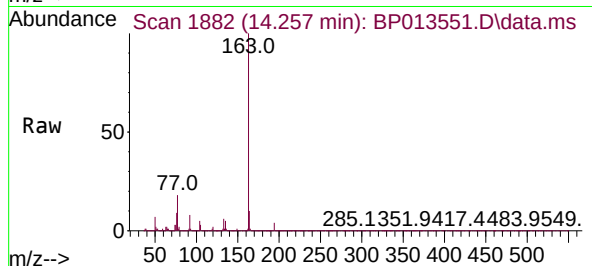
164 10.1 8.1 12.1

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Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#51

2,6-Dinitrotoluene

Concen: 72.653 ng

RT: 14.369 min Scan# 1901

Delta R.T. -0.000 min

Lab File: BP013551.D

Acq: 23 Jan 2023 14:51

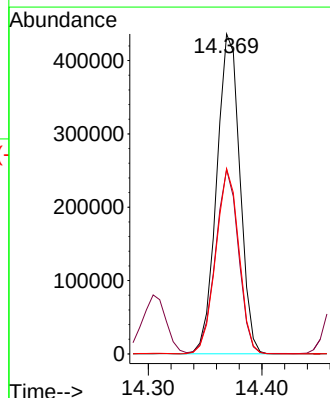
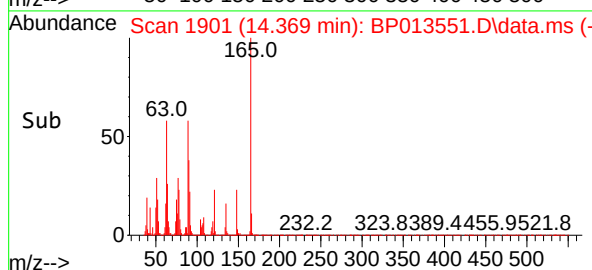
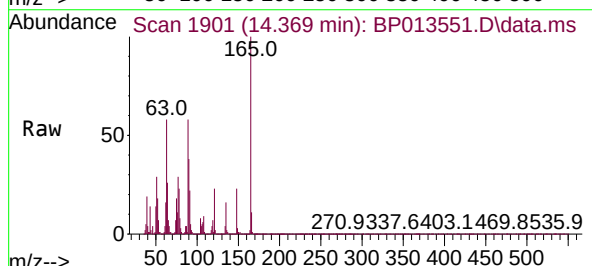
Tgt Ion:165 Resp: 618585

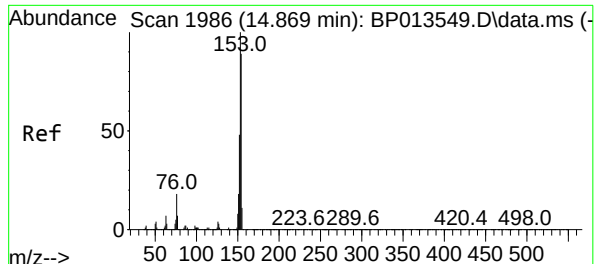
Ion Ratio Lower Upper

165 100

63 57.6 47.2 70.8

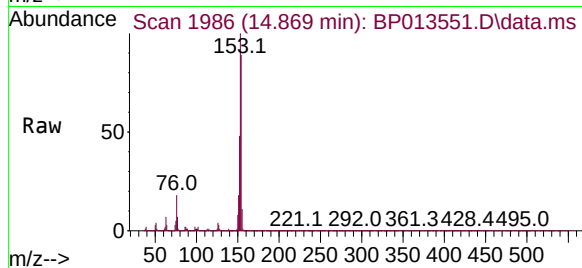
89 57.9 47.8 71.6





#52
Acenaphthene
Concen: 60.637 ng
RT: 14.869 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

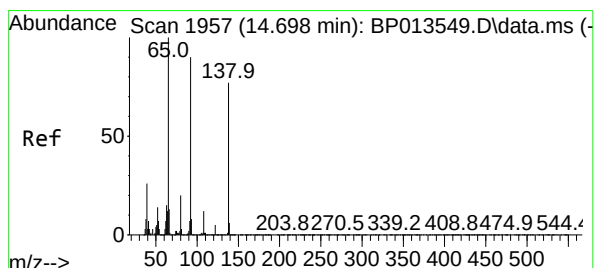
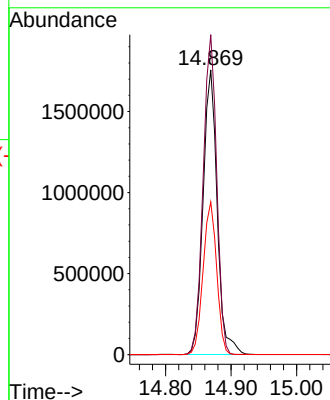
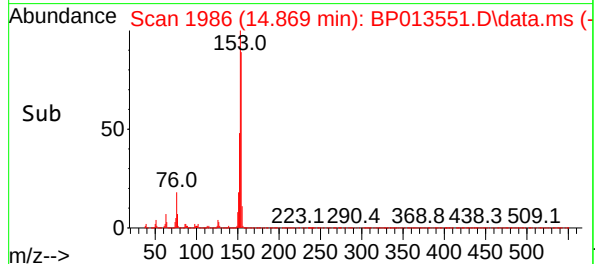
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



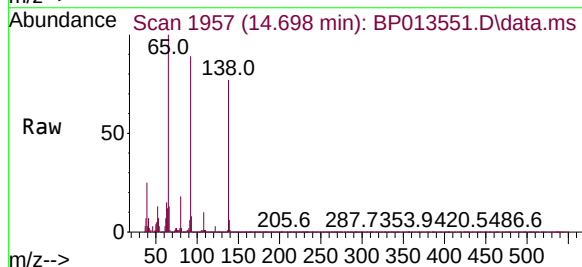
Tgt Ion:154 Resp: 2614425
Ion Ratio Lower Upper
154 100
153 112.4 89.4 134.0
152 53.7 42.7 64.1

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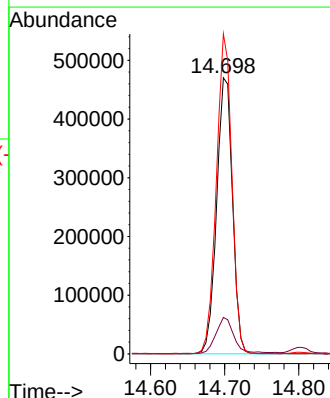
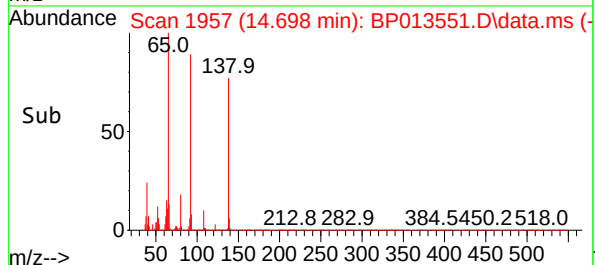
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

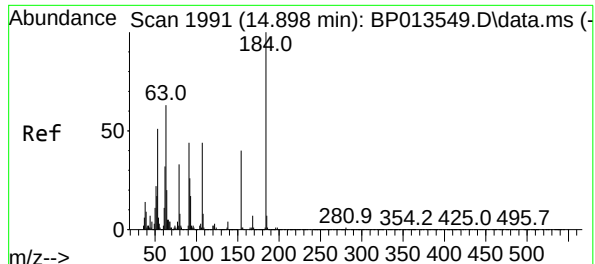


#53
3-Nitroaniline
Concen: 71.445 ng
RT: 14.698 min Scan# 1957
Delta R.T. -0.000 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51



Tgt Ion:138 Resp: 697428
Ion Ratio Lower Upper
138 100
108 13.2 12.8 19.2
92 115.9 93.3 139.9





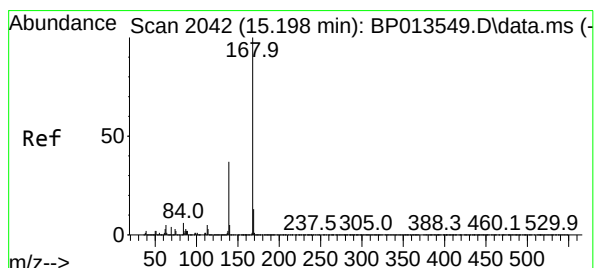
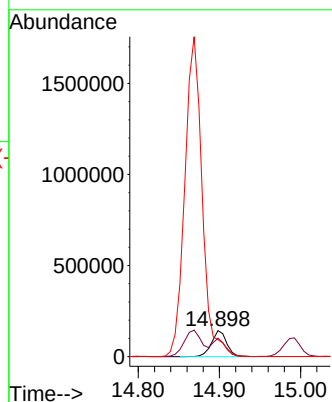
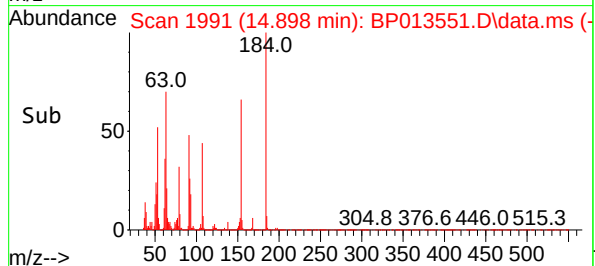
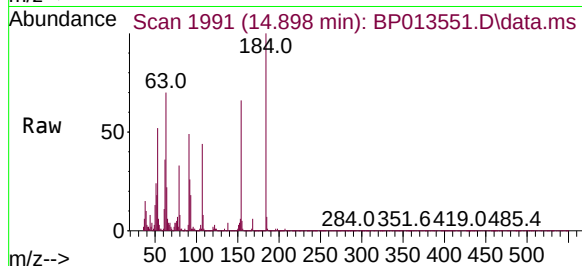
#54
2,4-Dinitrophenol
Concen: 71.389 ng
RT: 14.898 min Scan# 1991
Delta R.T. -0.000 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:184 Resp: 185227
Ion Ratio Lower Upper
184 100
63 70.5 53.2 79.8
154 65.7 54.4 81.6

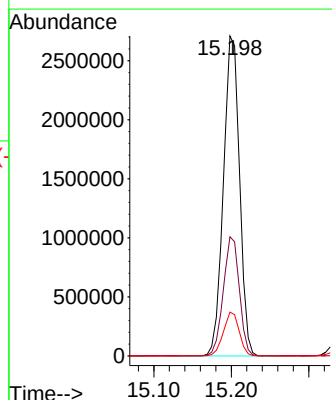
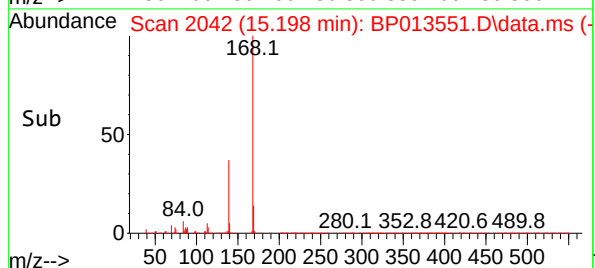
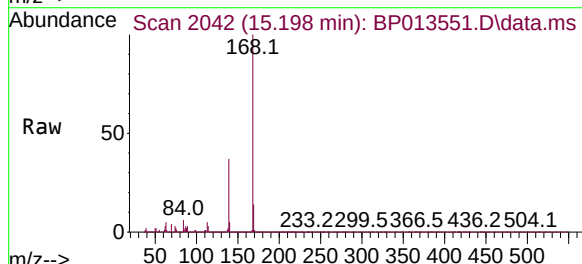
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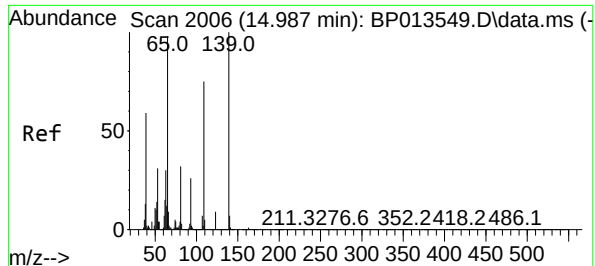
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#55
Dibenzofuran
Concen: 59.227 ng
RT: 15.198 min Scan# 2042
Delta R.T. -0.000 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

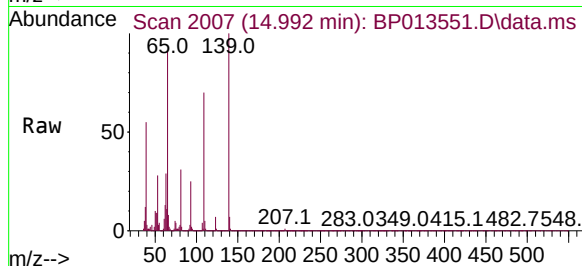
Tgt Ion:168 Resp: 3915779
Ion Ratio Lower Upper
168 100
139 37.2 29.9 44.9
169 13.7 10.7 16.1





#56
4-Nitrophenol
Concen: 66.471 ng
RT: 14.992 min Scan# 2007
Delta R.T. 0.006 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

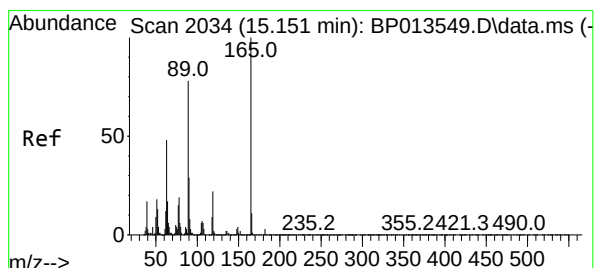
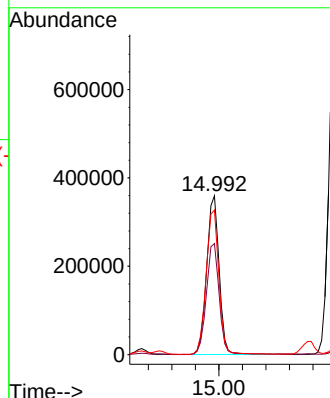
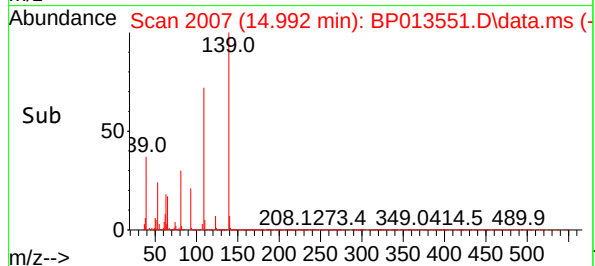
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:139 Resp: 529315
Ion Ratio Lower Upper
139 100
109 69.9 55.0 95.0
65 91.1 77.7 117.7

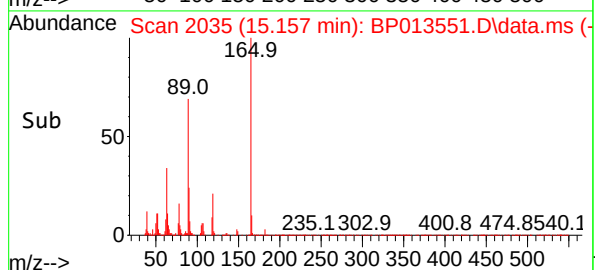
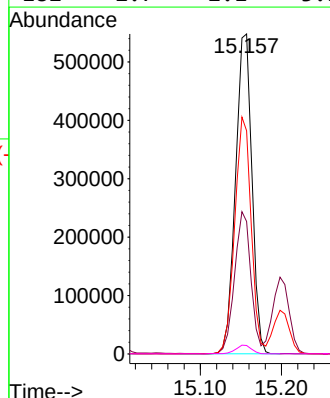
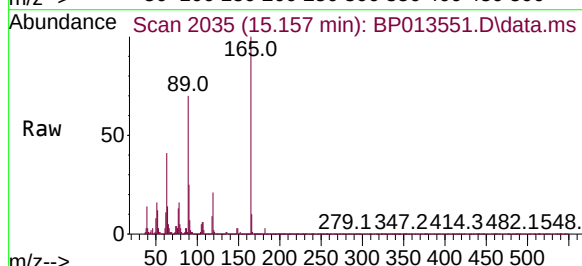
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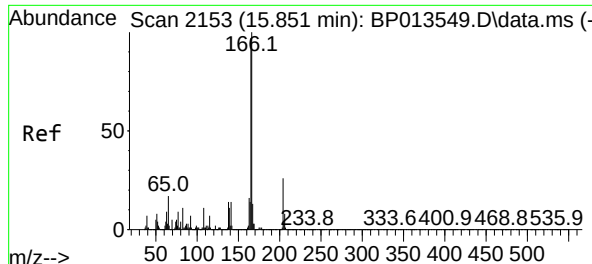
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#57
2,4-Dinitrotoluene
Concen: 75.314 ng
RT: 15.157 min Scan# 2035
Delta R.T. 0.006 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

Tgt Ion:165 Resp: 770950
Ion Ratio Lower Upper
165 100
63 41.4 38.3 57.5
89 69.7 62.1 93.1
182 2.7 2.1 3.1





#58

Fluorene

Concen: 58.982 ng

RT: 15.851 min Scan# 2153

Delta R.T. -0.000 min

Lab File: BP013551.D

Acq: 23 Jan 2023 14:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:166 Resp: 3099489

Ion Ratio Lower Upper

166 100

165 97.7 77.8 116.8

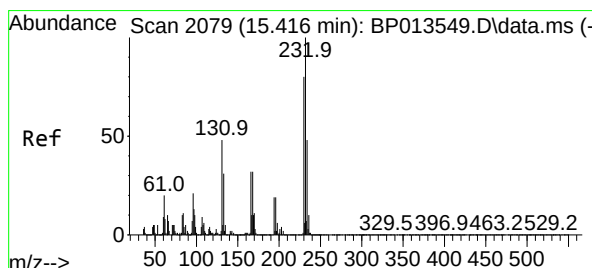
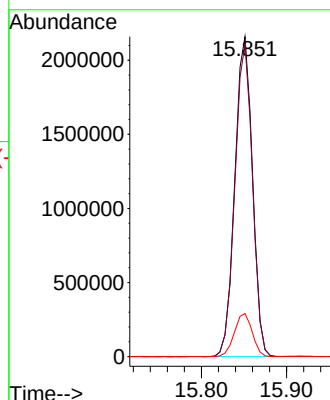
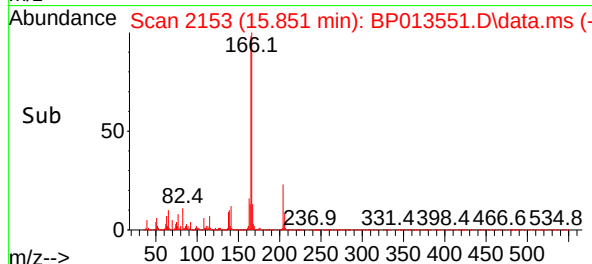
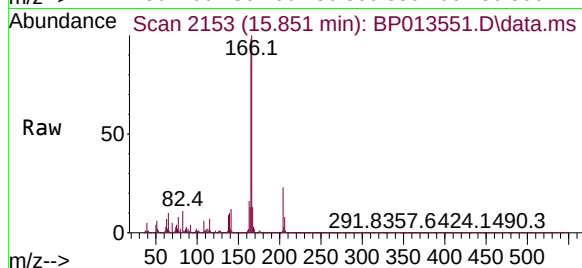
167 13.5 10.7 16.1

Manual Integrations

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Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#59

2,3,4,6-Tetrachlorophenol

Concen: 64.530 ng

RT: 15.422 min Scan# 2080

Delta R.T. 0.006 min

Lab File: BP013551.D

Acq: 23 Jan 2023 14:51

Tgt Ion:232 Resp: 748406

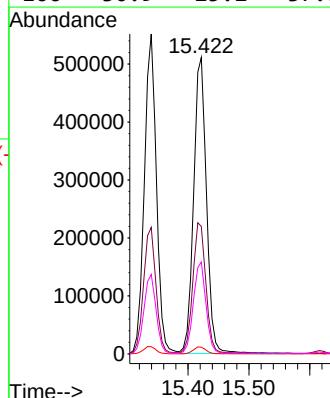
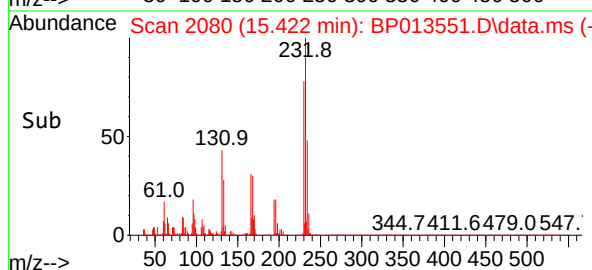
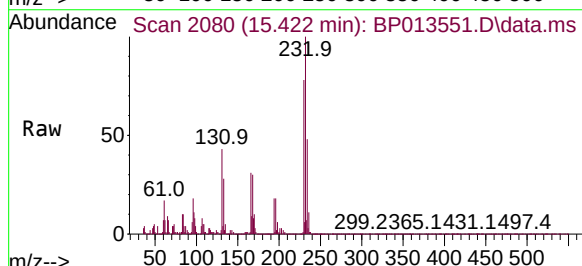
Ion Ratio Lower Upper

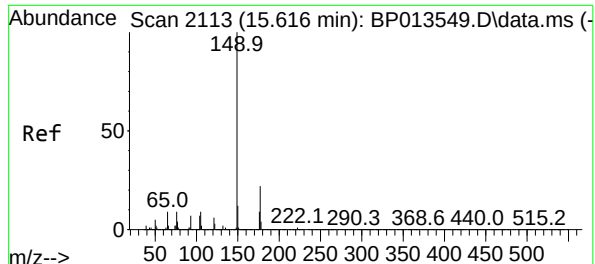
232 100

131 45.2 37.1 55.7

130 2.3 1.9 2.9

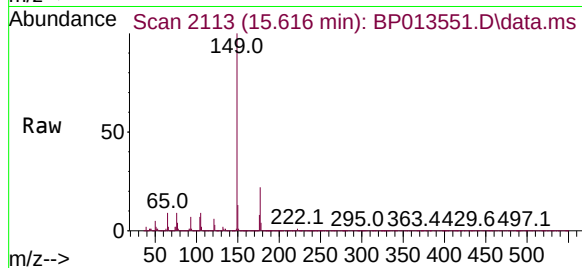
166 30.9 25.2 37.8





#60
Diethylphthalate
Concen: 58.950 ng
RT: 15.616 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

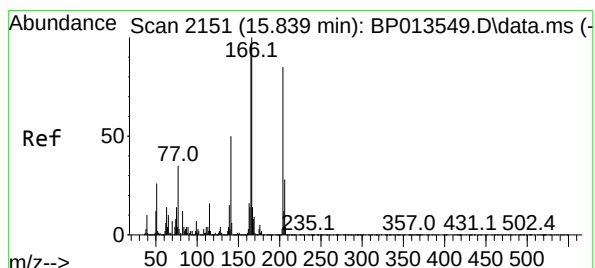
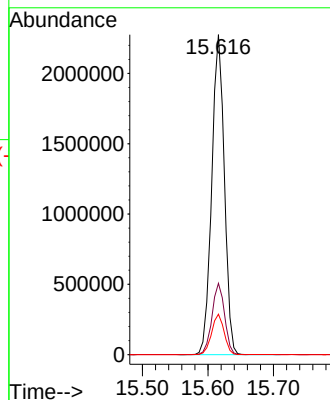
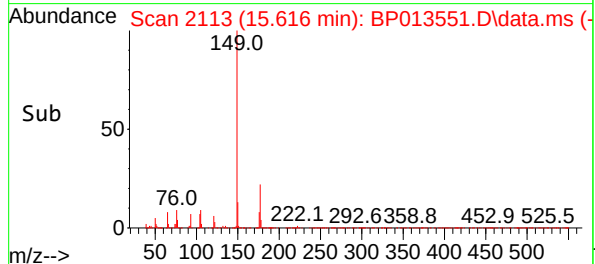
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:149 Resp: 3036068
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.6
150 12.6 9.8 14.6

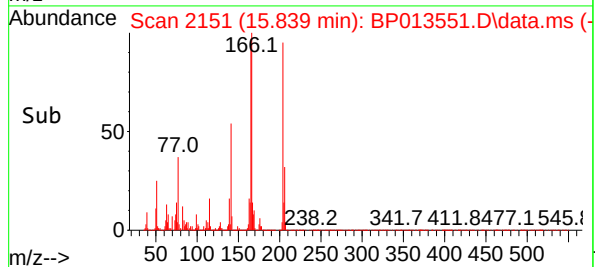
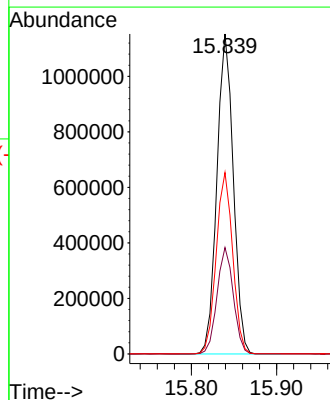
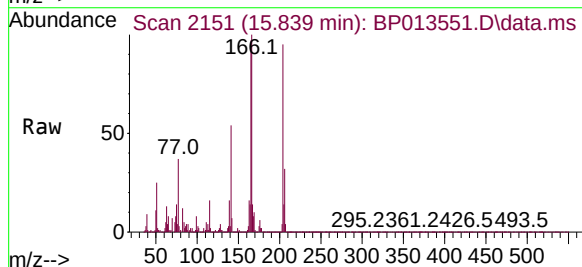
Manual Integrations
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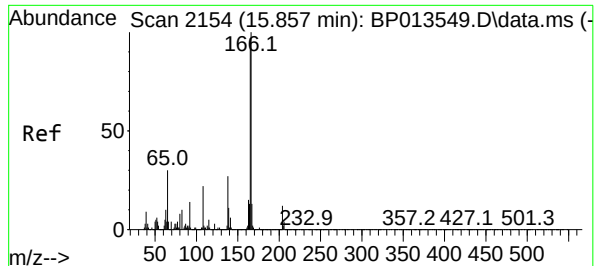
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#61
4-Chlorophenyl-phenylether
Concen: 59.550 ng
RT: 15.839 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

Tgt Ion:204 Resp: 1538719
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 56.7 47.0 70.4





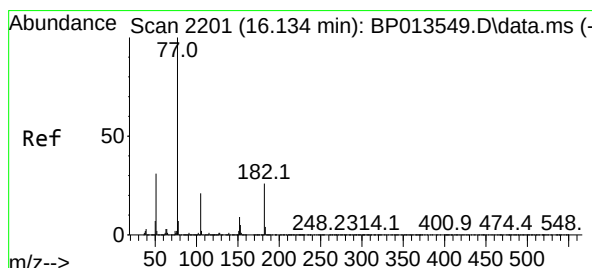
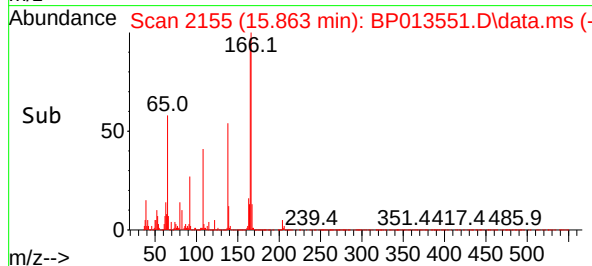
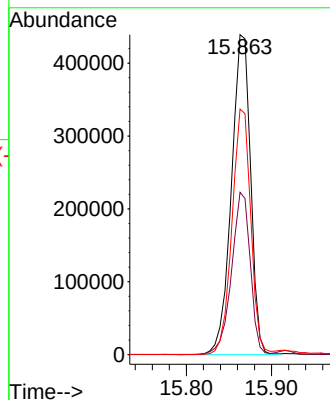
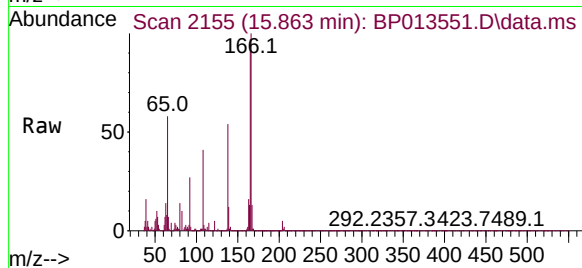
#62
4-Nitroaniline
Concen: 68.959 ng
RT: 15.863 min Scan# 2154
Delta R.T. 0.006 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:138 Resp: 686801
Ion Ratio Lower Upper
138 100
92 50.7 32.3 72.3
108 76.7 59.2 99.2

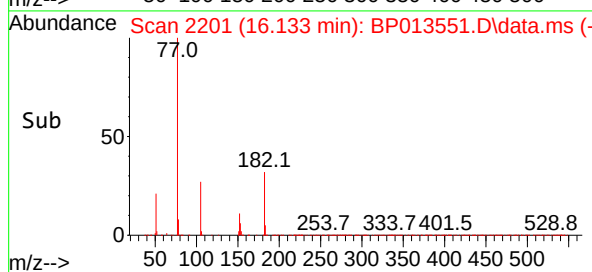
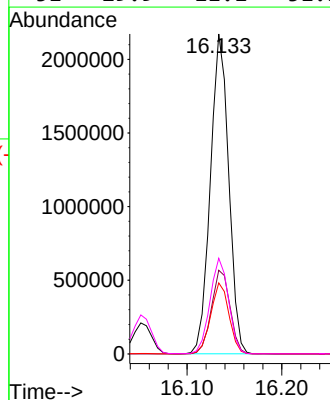
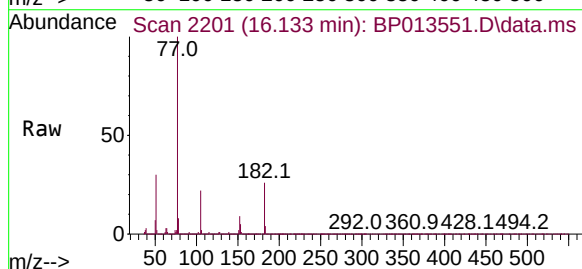
Manual Integrations
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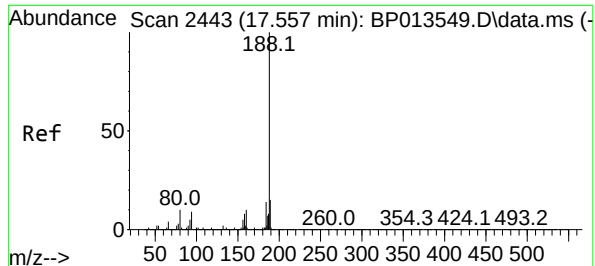
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#63
Azobenzene
Concen: 58.363 ng
RT: 16.133 min Scan# 2201
Delta R.T. -0.000 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

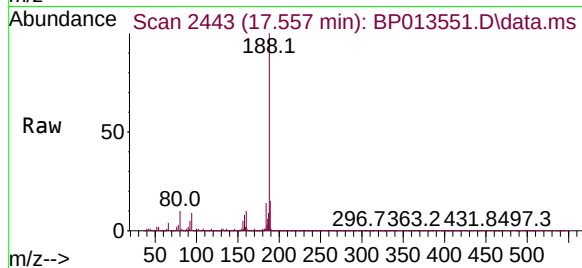
Tgt Ion: 77 Resp: 2920790
Ion Ratio Lower Upper
77 100
182 26.1 5.5 45.5
105 22.2 1.4 41.4
51 29.9 11.1 51.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.557 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

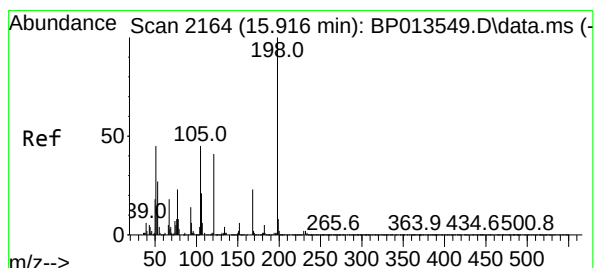
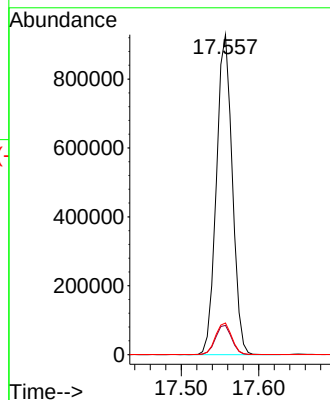
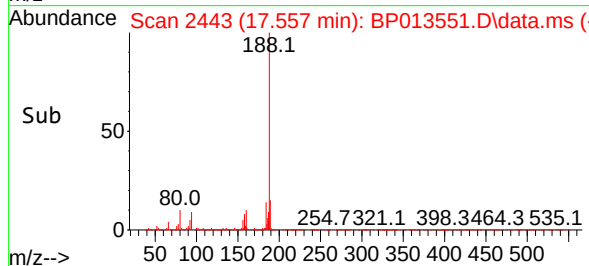
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



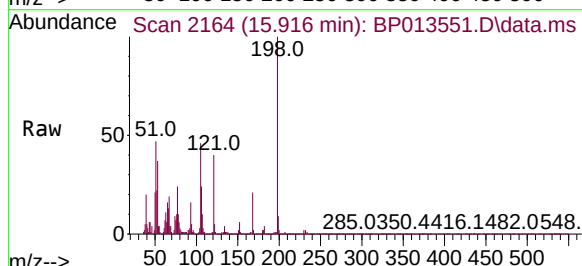
Tgt Ion:188 Resp: 1320949
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 9.9 8.2 12.2

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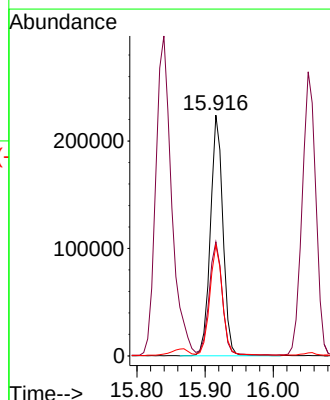
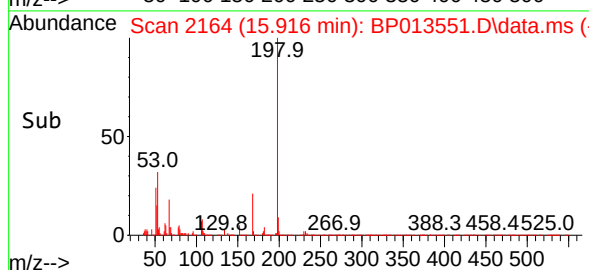
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

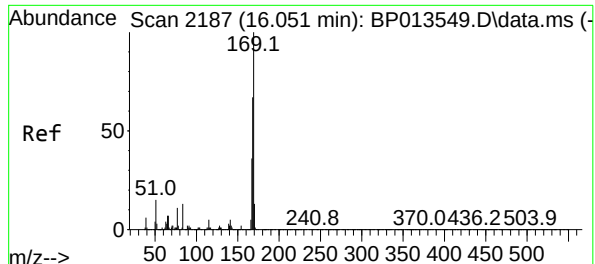


#65
4,6-Dinitro-2-methylphenol
Concen: 74.763 ng
RT: 15.916 min Scan# 2164
Delta R.T. -0.000 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51



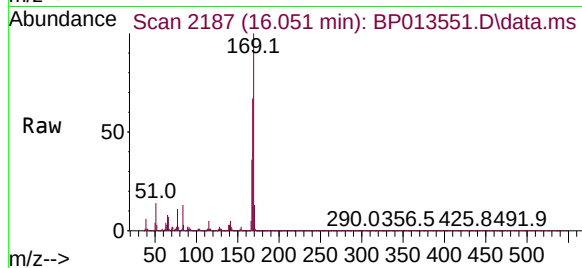
Tgt Ion:198 Resp: 285415
Ion Ratio Lower Upper
198 100
51 47.4 30.4 70.4
105 46.0 26.4 66.4





#66
n-Nitrosodiphenylamine
Concen: 61.846 ng
RT: 16.051 min Scan# 2187
Delta R.T. -0.000 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

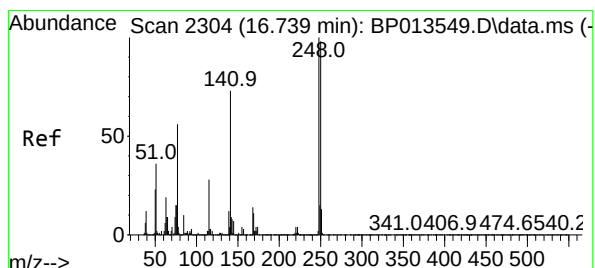
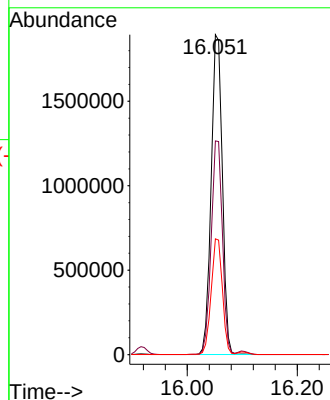
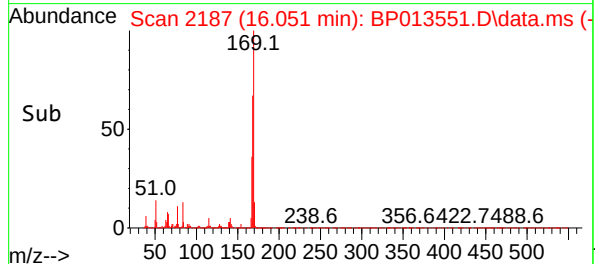
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



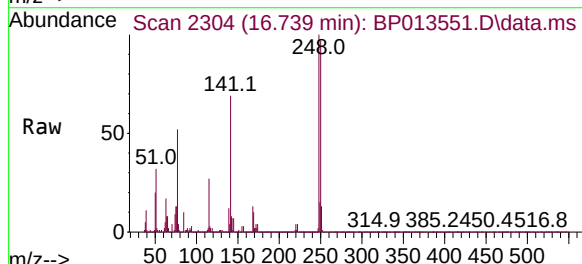
Tgt Ion:169 Resp: 2664154
Ion Ratio Lower Upper
169 100
168 66.8 54.0 81.0
167 36.2 29.0 43.6

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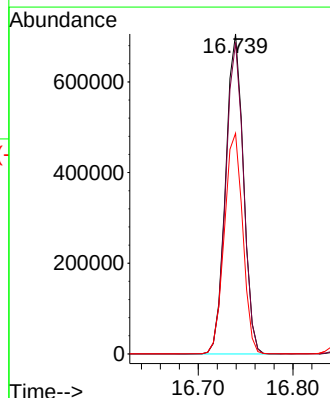
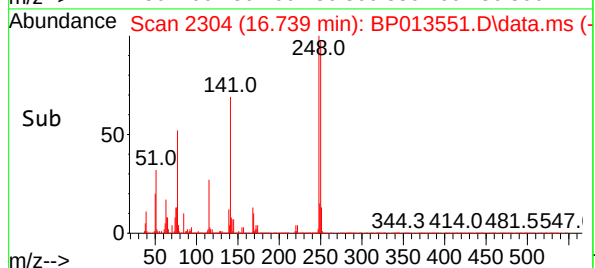
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

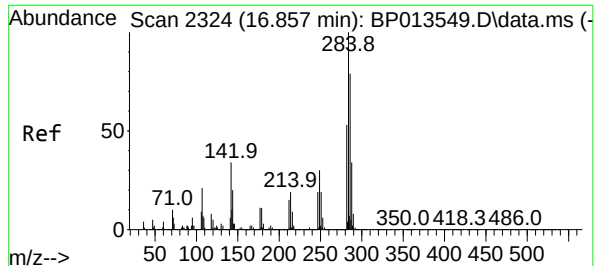


#67
4-Bromophenyl-phenylether
Concen: 63.030 ng
RT: 16.739 min Scan# 2304
Delta R.T. -0.000 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51



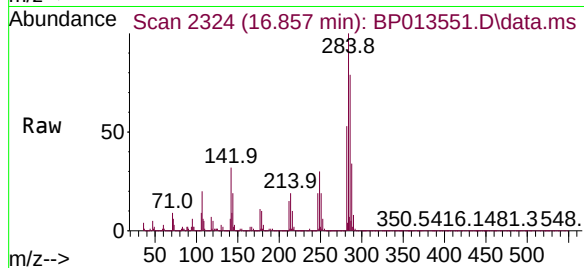
Tgt Ion:248 Resp: 922261
Ion Ratio Lower Upper
248 100
250 97.3 78.1 117.1
141 68.9 58.1 87.1





#68
Hexachlorobenzene
Concen: 62.117 ng
RT: 16.857 min Scan# 2324
Delta R.T. -0.000 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

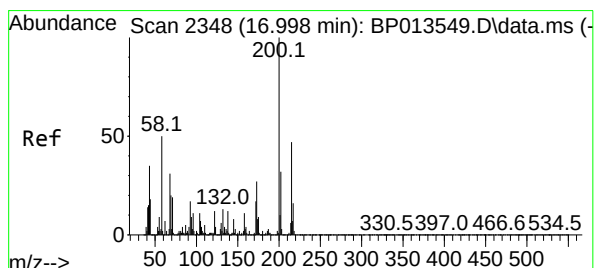
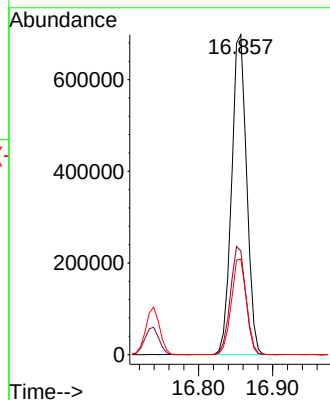
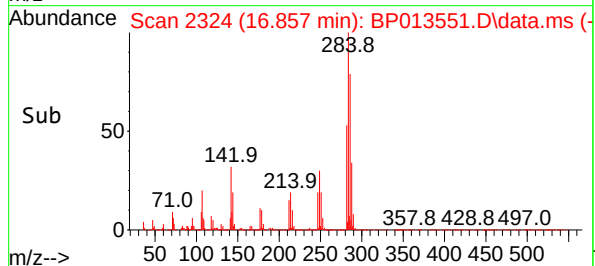
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



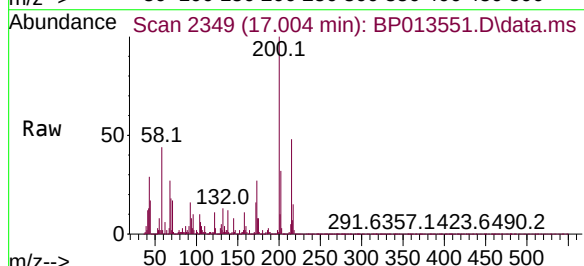
Tgt Ion:284 Resp: 981766
Ion Ratio Lower Upper
284 100
142 32.4 27.3 40.9
249 29.8 24.0 36.0

Manual Integrations
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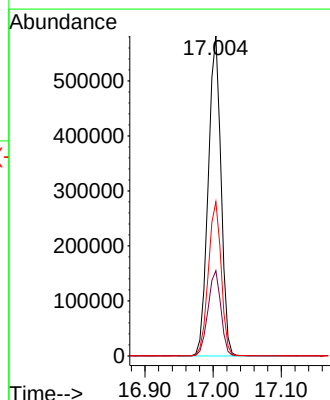
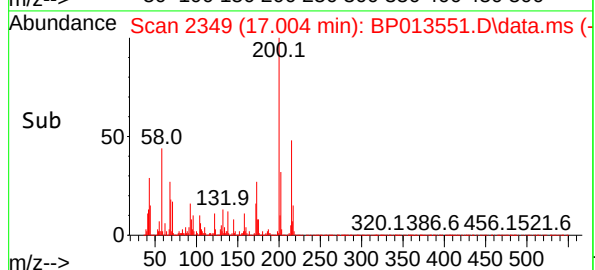
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

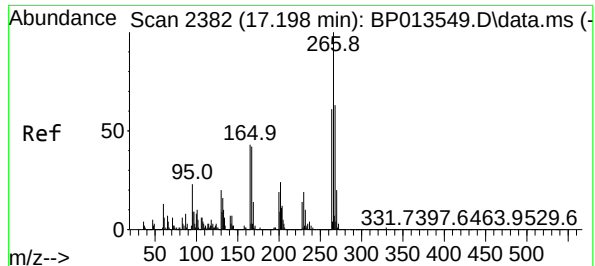


#69
Atrazine
Concen: 61.440 ng
RT: 17.004 min Scan# 2349
Delta R.T. 0.006 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51



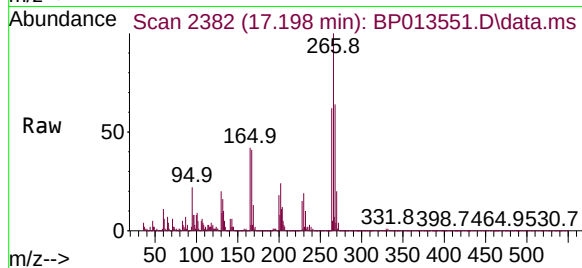
Tgt Ion:200 Resp: 757269
Ion Ratio Lower Upper
200 100
173 26.6 7.2 47.2
215 48.2 27.3 67.3





#70
Pentachlorophenol
Concen: 65.659 ng
RT: 17.198 min Scan# 2382
Delta R.T. -0.000 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

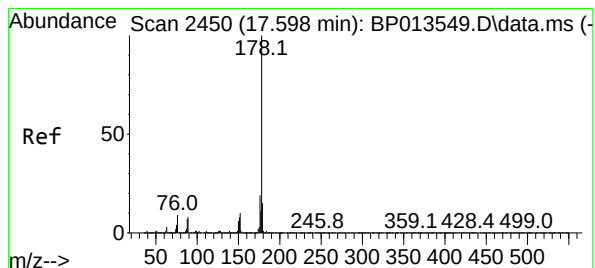
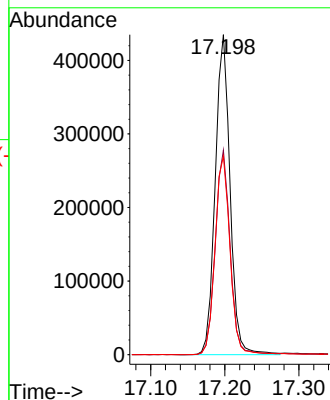
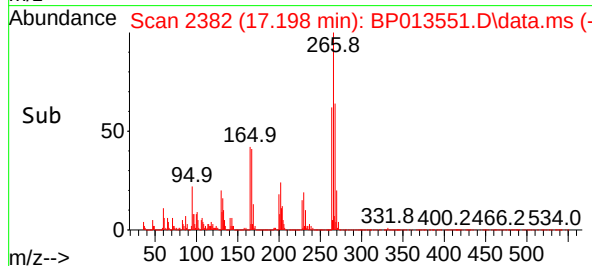
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:266 Resp: 604383
Ion Ratio Lower Upper
266 100
268 63.9 50.7 76.1
264 62.0 48.9 73.3

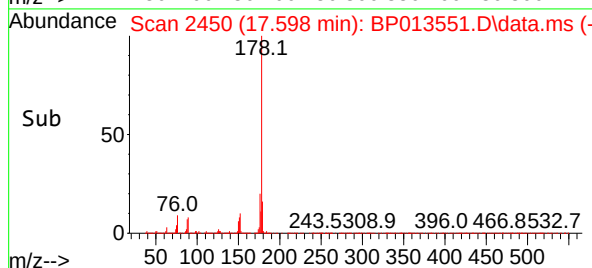
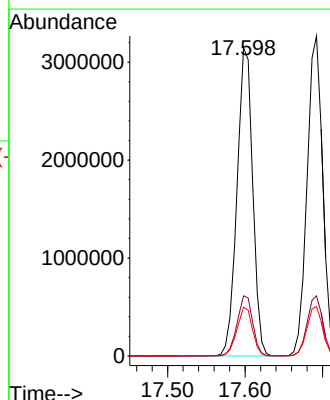
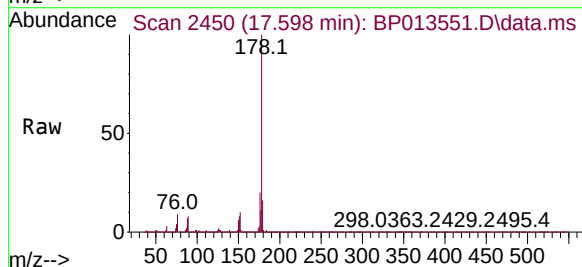
Manual Integrations
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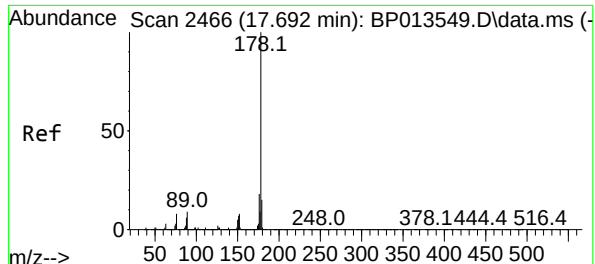
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#71
Phenanthrene
Concen: 60.451 ng
RT: 17.598 min Scan# 2450
Delta R.T. -0.000 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

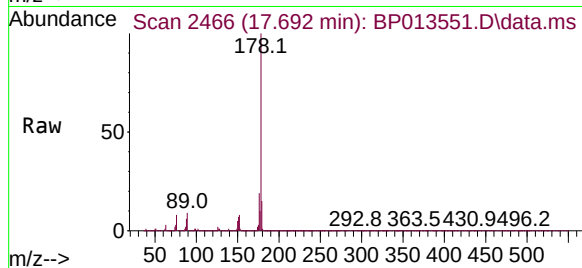
Tgt Ion:178 Resp: 4442913
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.8 12.2 18.4





#72
 Anthracene
 Concen: 61.128 ng
 RT: 17.692 min Scan# 2466
 Delta R.T. -0.000 min
 Lab File: BP013551.D
 Acq: 23 Jan 2023 14:51

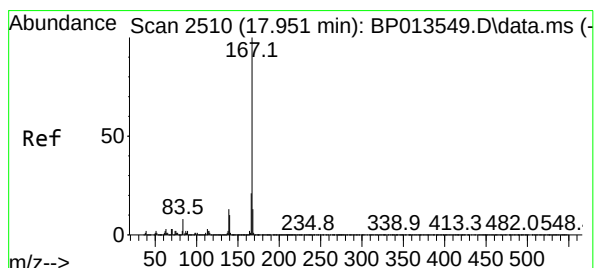
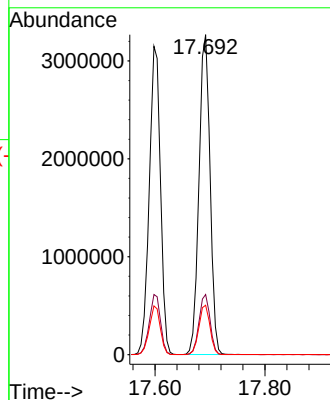
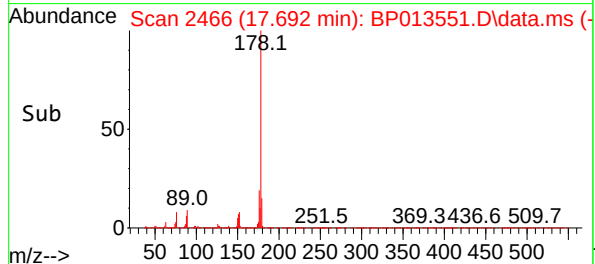
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060



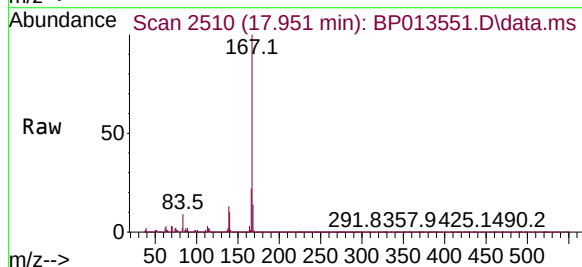
Tgt Ion:178 Resp: 4559784
 Ion Ratio Lower Upper
 178 100
 176 18.8 14.6 22.0
 179 15.5 12.3 18.5

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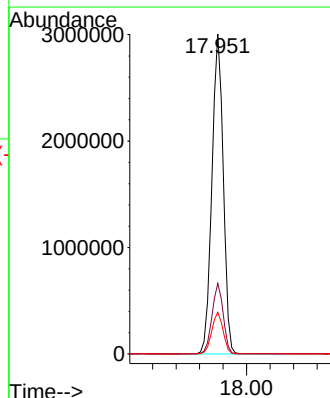
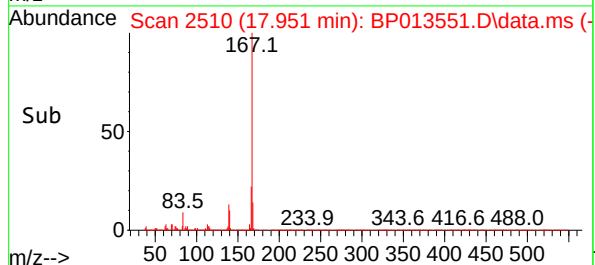
Reviewed By :Christian Giraldo 01/24/2023
 Supervised By :Jagrut Upadhyay 01/24/2023

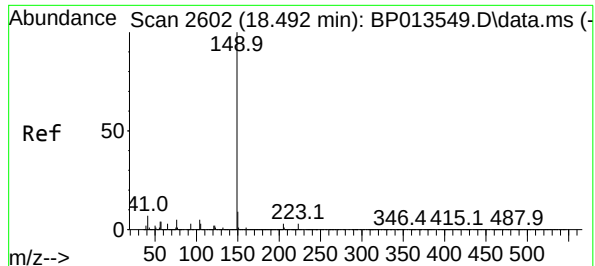


#73
 Carbazole
 Concen: 59.937 ng
 RT: 17.951 min Scan# 2510
 Delta R.T. -0.000 min
 Lab File: BP013551.D
 Acq: 23 Jan 2023 14:51



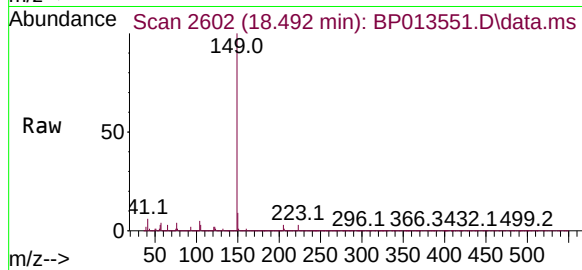
Tgt Ion:167 Resp: 4017899
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.2 25.8
 139 13.0 10.3 15.5





#74
Di-n-butylphthalate
Concen: 61.895 ng
RT: 18.492 min Scan# 2602
Delta R.T. -0.000 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

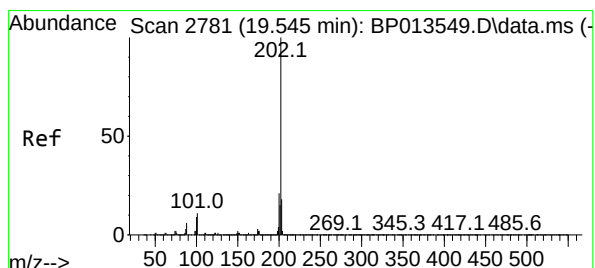
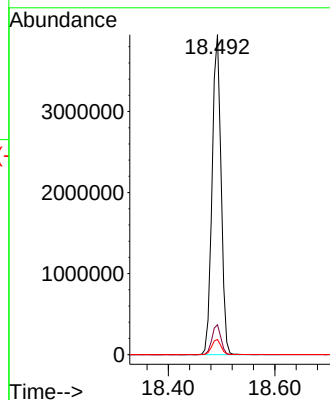
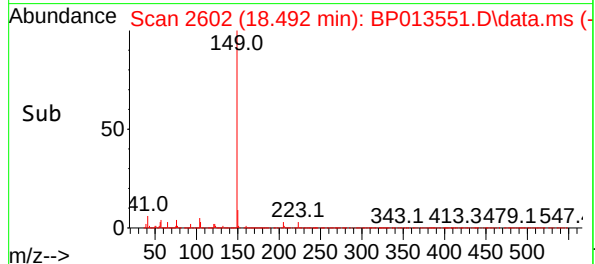
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:149 Resp: 4617933
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 4.7 3.9 5.9

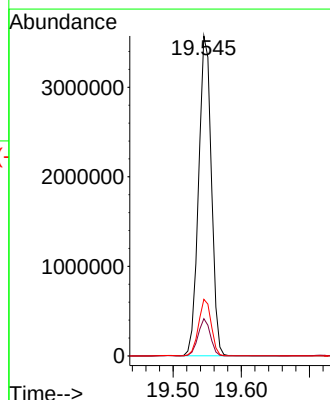
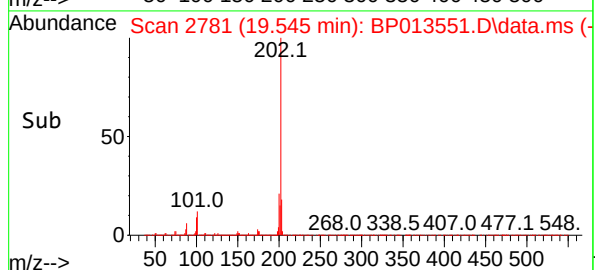
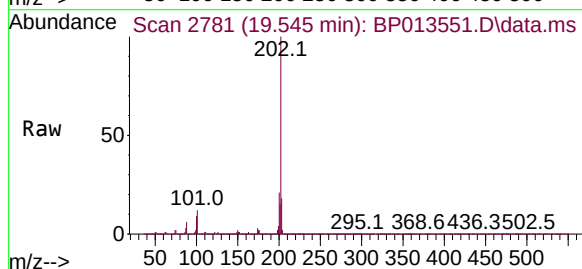
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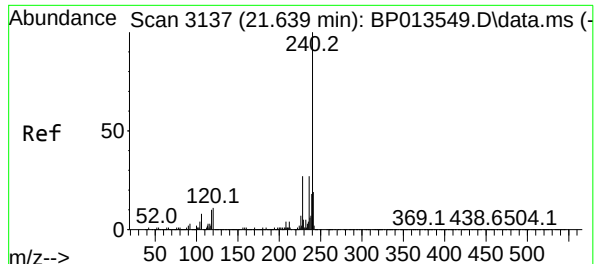
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#75
Fluoranthene
Concen: 59.523 ng
RT: 19.545 min Scan# 2781
Delta R.T. -0.000 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

Tgt Ion:202 Resp: 4652184
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.4
203 17.7 0.0 37.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.639 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP013551.D

Acq: 23 Jan 2023 14:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:240 Resp: 106326

Ion Ratio Lower Upper

240 100

120 10.4 8.6 13.0

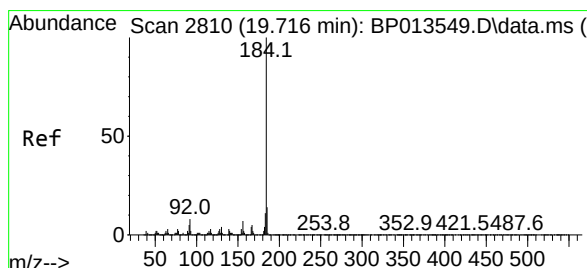
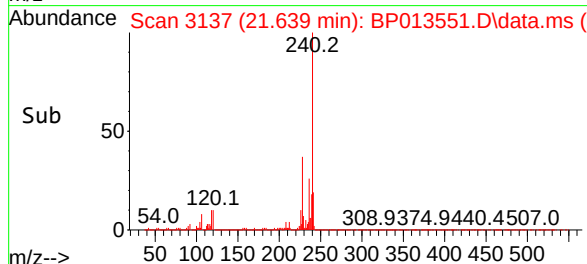
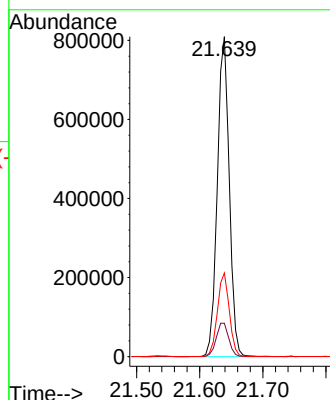
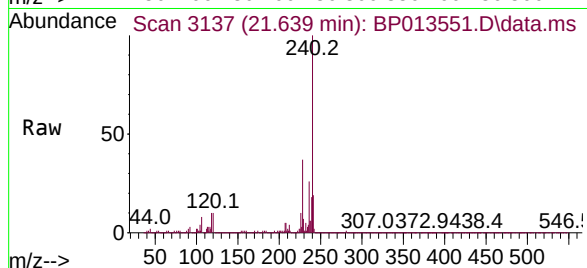
236 26.1 21.3 31.9

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Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#77

Benzidine

Concen: 56.740 ng

RT: 19.716 min Scan# 2810

Delta R.T. -0.000 min

Lab File: BP013551.D

Acq: 23 Jan 2023 14:51

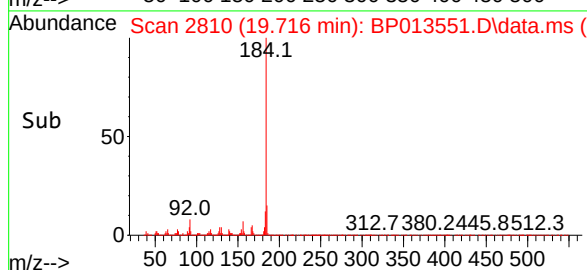
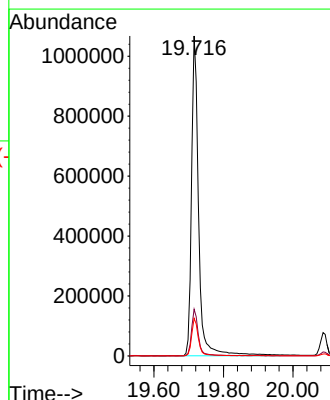
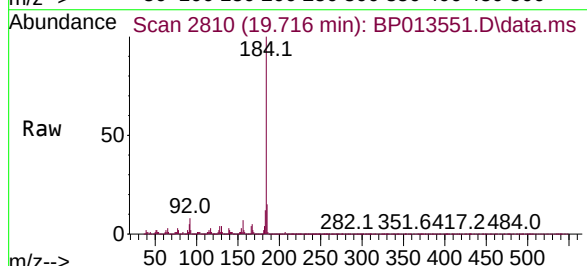
Tgt Ion:184 Resp: 1517335

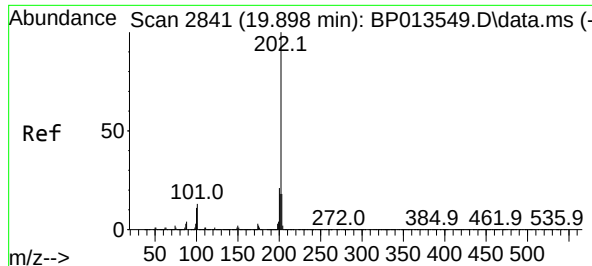
Ion Ratio Lower Upper

184 100

185 14.6 11.5 17.3

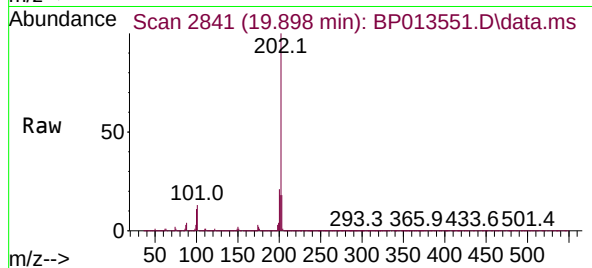
183 11.7 9.0 13.6





#78
Pyrene
Concen: 58.786 ng
RT: 19.898 min Scan# 2841
Delta R.T. -0.000 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

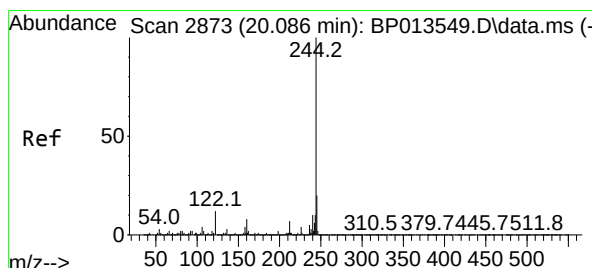
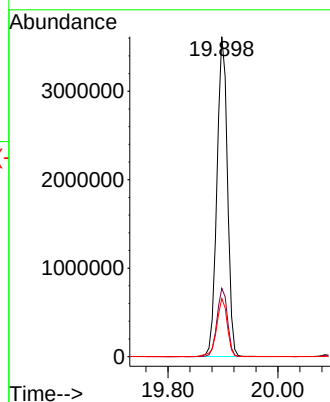
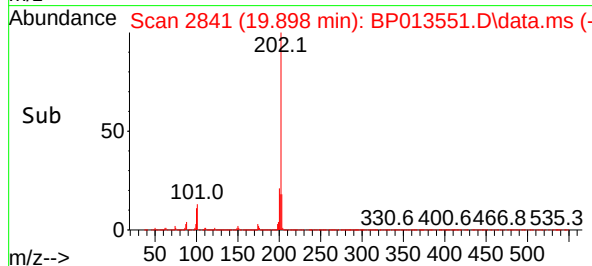
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:202 Resp: 4779286
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.6
203 18.2 14.2 21.2

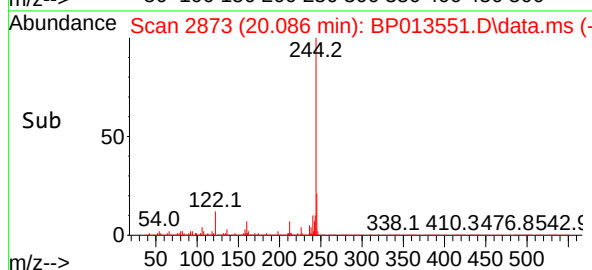
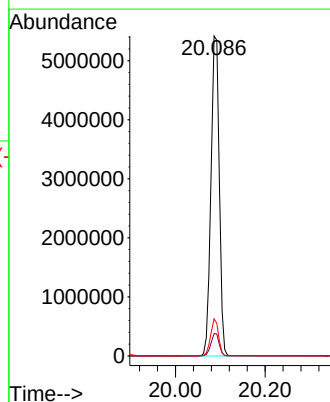
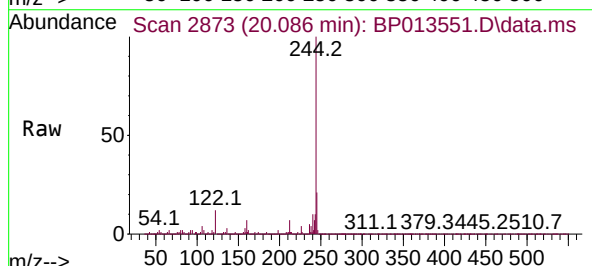
Manual Integrations
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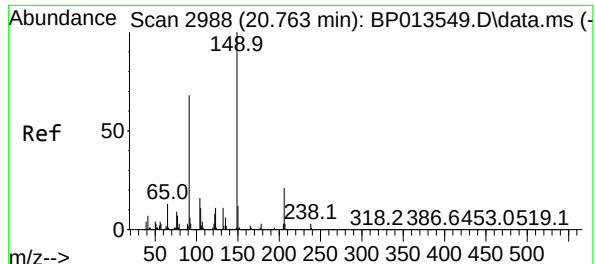
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#79
Terphenyl-d14
Concen: 117.975 ng
RT: 20.086 min Scan# 2873
Delta R.T. -0.000 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

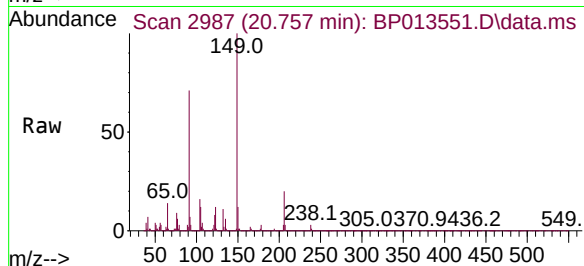
Tgt Ion:244 Resp: 6972653
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 11.6 9.2 13.8





#80
Butylbenzylphthalate
Concen: 65.592 ng
RT: 20.757 min Scan# 2988
Delta R.T. -0.006 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

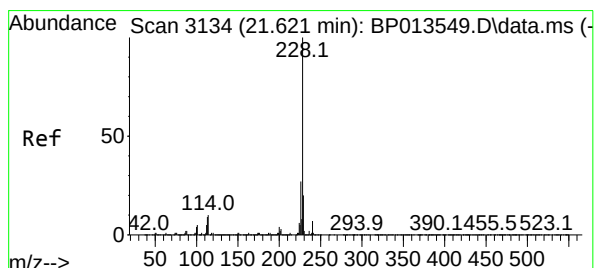
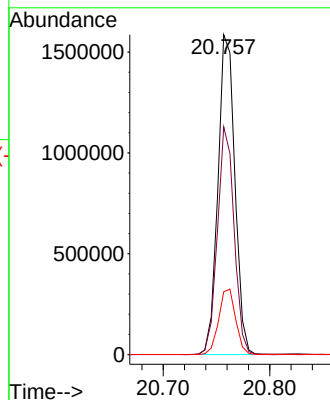
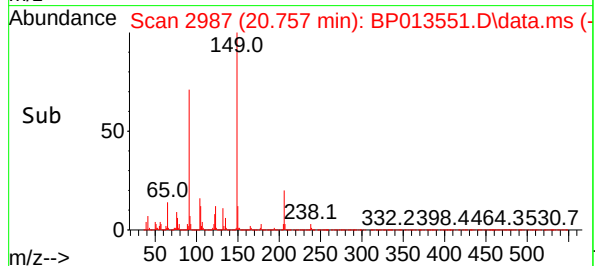
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:149 Resp: 1759604
Ion Ratio Lower Upper
149 100
91 71.2 54.6 81.8
206 19.7 16.7 25.1

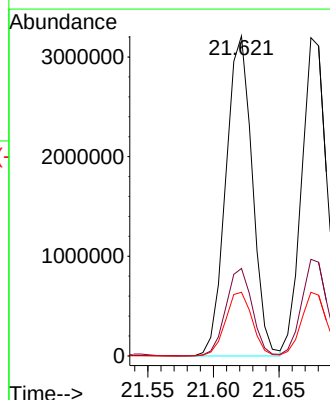
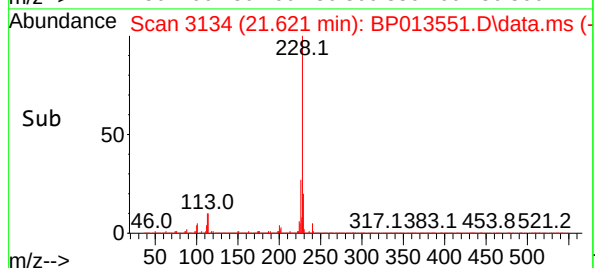
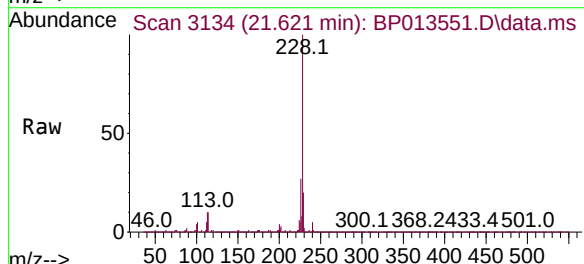
Manual Integrations
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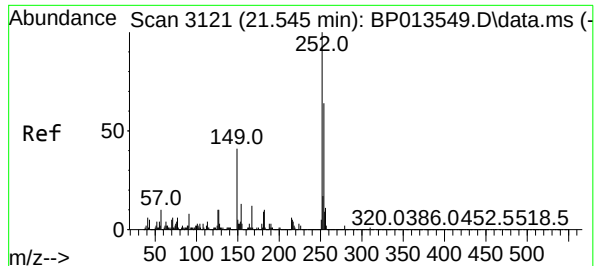
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#81
Benzo(a)anthracene
Concen: 60.701 ng
RT: 21.621 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

Tgt Ion:228 Resp: 4496360
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.9 15.8 23.6





#82

3,3'-Dichlorobenzidine

Concen: 65.012 ng

RT: 21.539 min Scan# 3121

Delta R.T. -0.006 min

Lab File: BP013551.D

Acq: 23 Jan 2023 14:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:252 Resp: 1551613

Ion Ratio Lower Upper

252 100

254 64.2 51.4 77.0

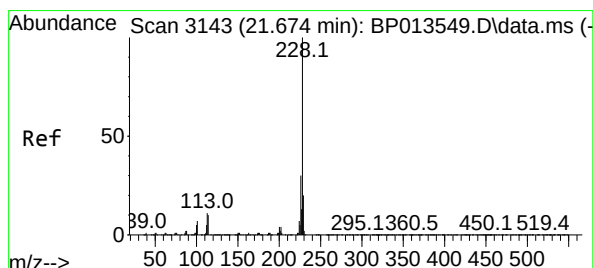
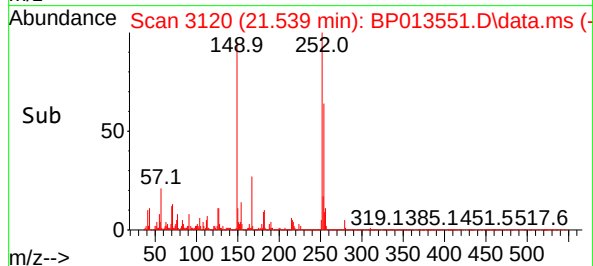
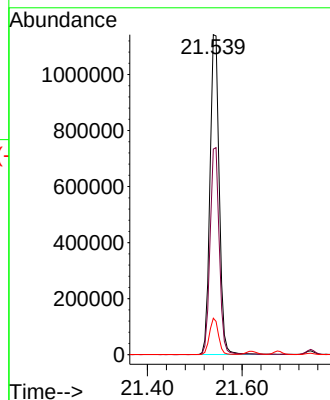
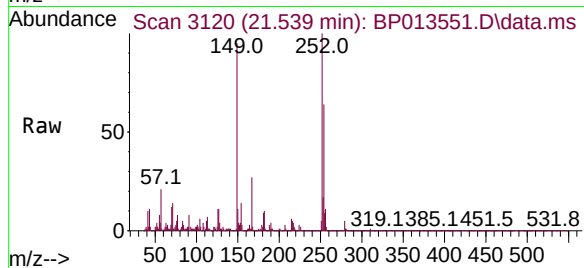
126 11.4 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#83

Chrysene

Concen: 60.235 ng

RT: 21.674 min Scan# 3143

Delta R.T. -0.000 min

Lab File: BP013551.D

Acq: 23 Jan 2023 14:51

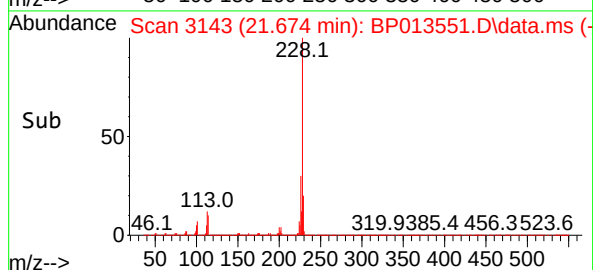
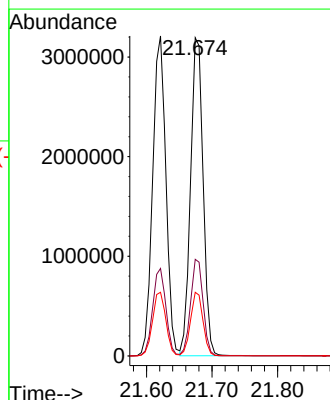
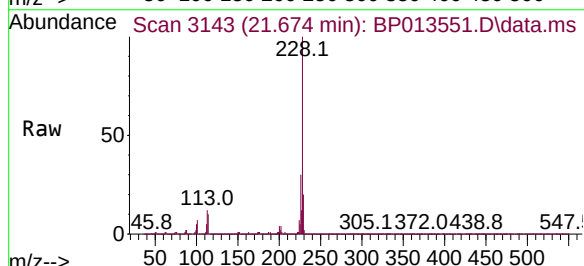
Tgt Ion:228 Resp: 4267546

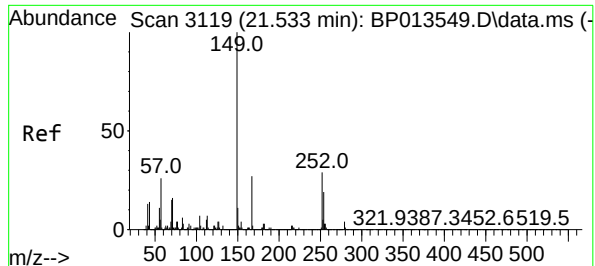
Ion Ratio Lower Upper

228 100

226 30.3 24.1 36.1

229 20.0 16.2 24.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 63.124 ng

RT: 21.527 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP013551.D

Acq: 23 Jan 2023 14:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:149 Resp: 261502

Ion Ratio Lower Upper

149 100

167 27.1 22.0 33.0

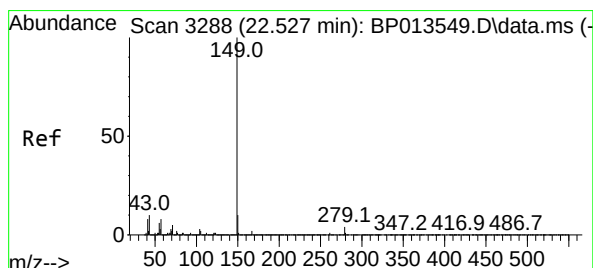
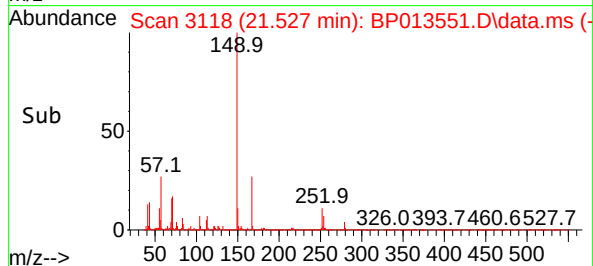
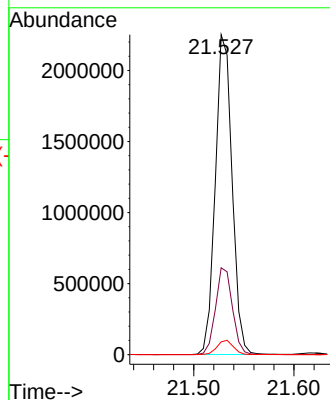
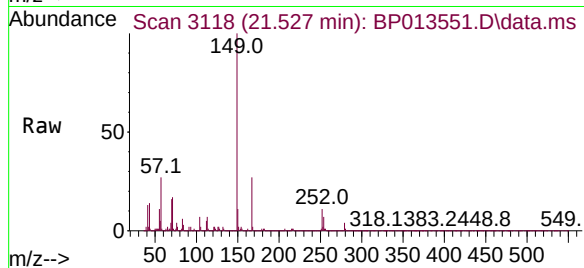
279 4.0 3.5 5.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#85

Di-n-octyl phthalate

Concen: 65.899 ng

RT: 22.527 min Scan# 3288

Delta R.T. -0.000 min

Lab File: BP013551.D

Acq: 23 Jan 2023 14:51

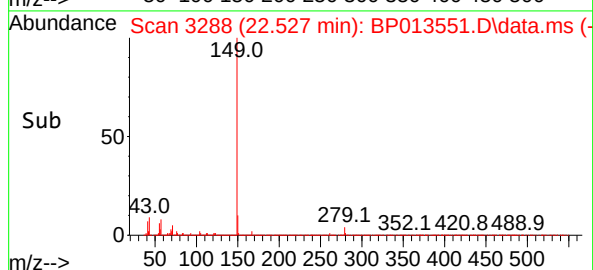
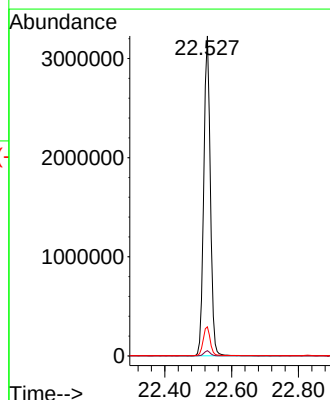
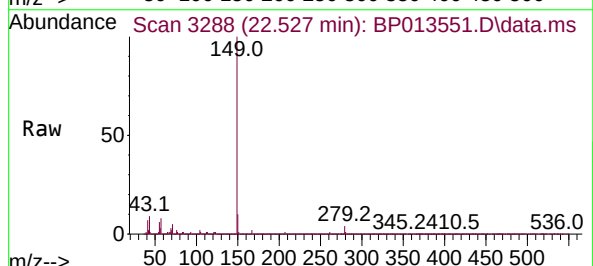
Tgt Ion:149 Resp: 4401384

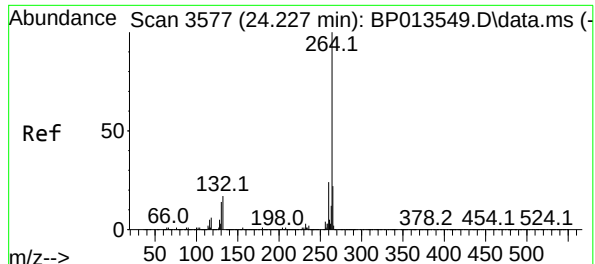
Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.6 8.2 12.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.233 min Scan# 3577

Delta R.T. 0.006 min

Lab File: BP013551.D

Acq: 23 Jan 2023 14:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:264 Resp: 1211615

Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

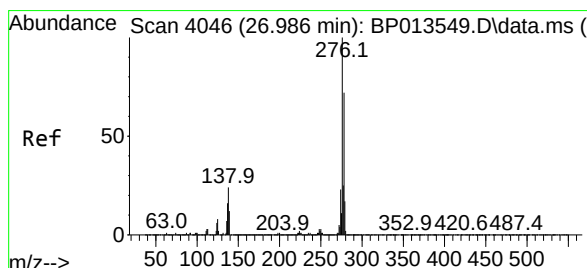
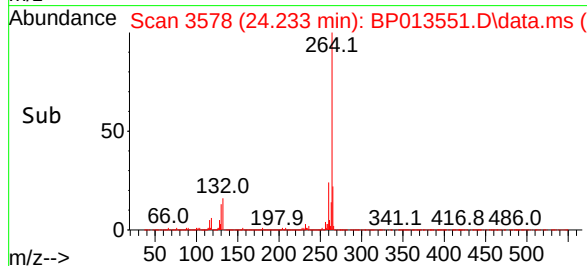
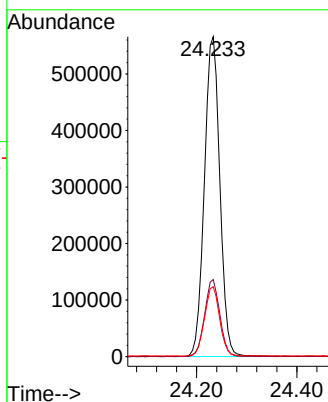
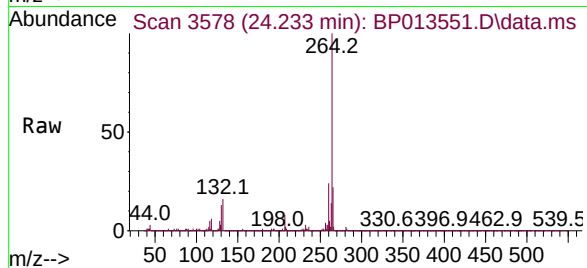
265 21.8 17.4 26.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#87

Indeno(1,2,3-cd)pyrene

Concen: 64.502 ng

RT: 26.986 min Scan# 4046

Delta R.T. -0.000 min

Lab File: BP013551.D

Acq: 23 Jan 2023 14:51

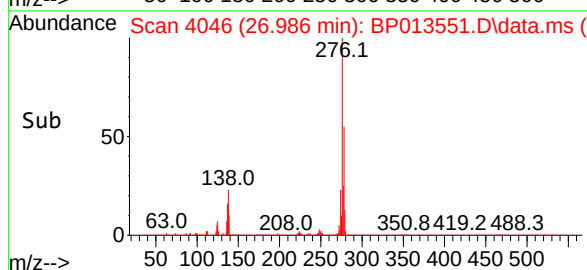
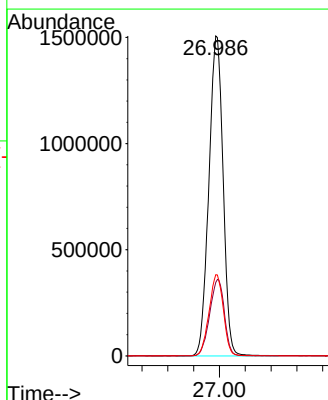
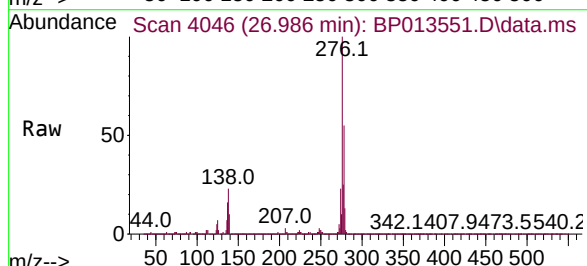
Tgt Ion:276 Resp: 5756541

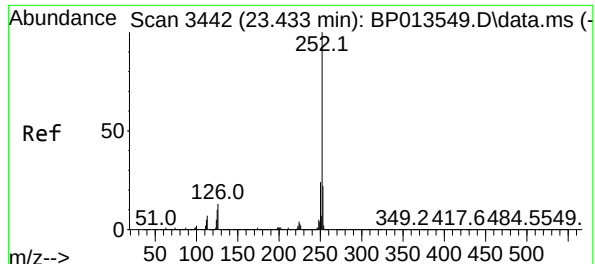
Ion Ratio Lower Upper

276 100

138 24.7 19.8 29.6

277 25.6 20.2 30.4





#88

Benzo(b)fluoranthene

Concen: 60.649 ng

RT: 23.433 min Scan# 3442

Delta R.T. -0.000 min

Lab File: BP013551.D

Acq: 23 Jan 2023 14:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:252 Resp: 4520462

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

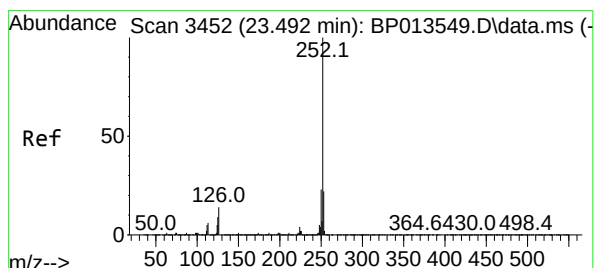
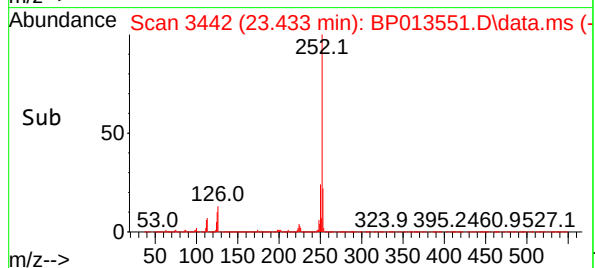
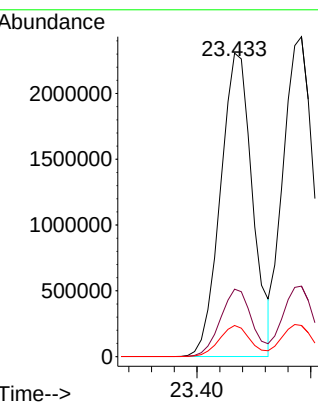
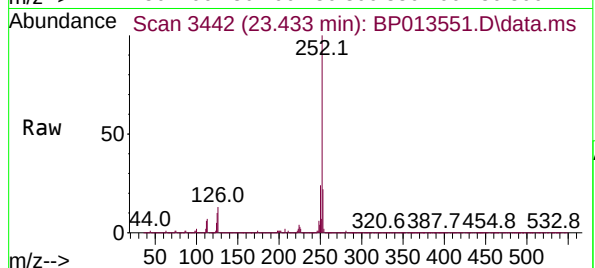
125 10.2 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#89

Benzo(k)fluoranthene

Concen: 59.455 ng

RT: 23.492 min Scan# 3452

Delta R.T. -0.000 min

Lab File: BP013551.D

Acq: 23 Jan 2023 14:51

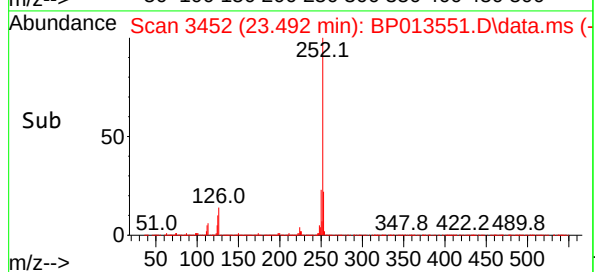
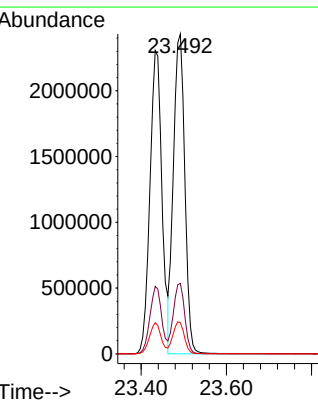
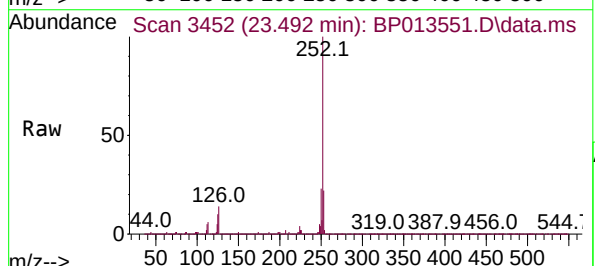
Tgt Ion:252 Resp: 4519914

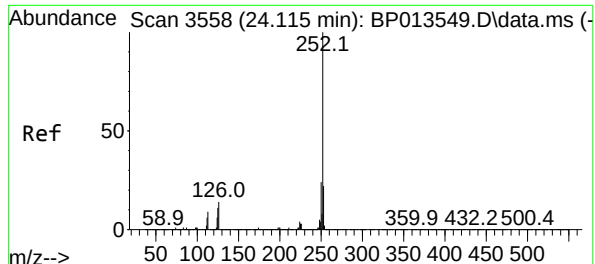
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

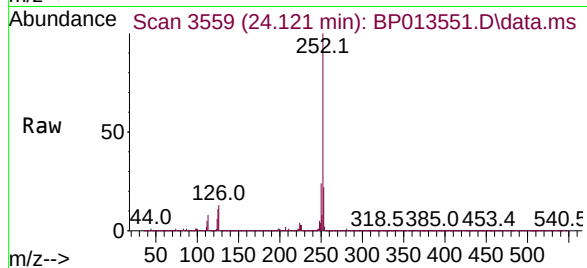
125 9.7 7.5 11.3





#90
Benzo(a)pyrene
Concen: 61.285 ng
RT: 24.121 min Scan# 3558
Delta R.T. 0.006 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

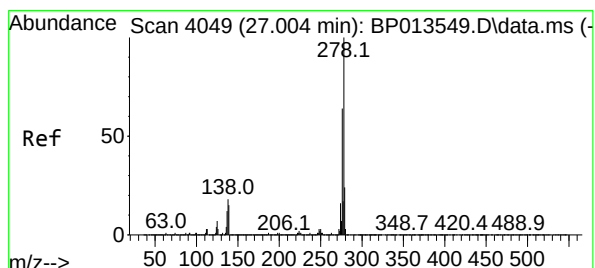
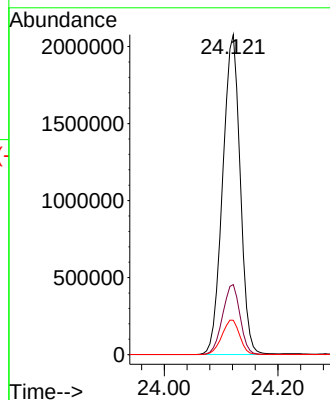
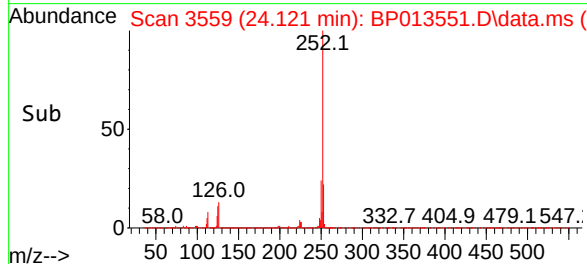
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:252 Resp: 443113
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 10.7 8.9 13.3

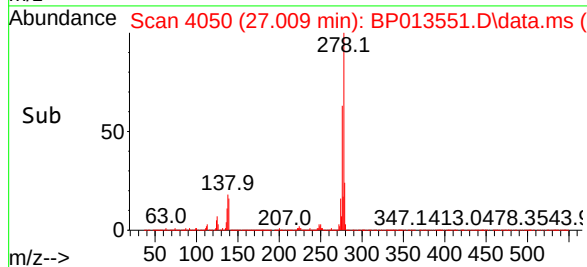
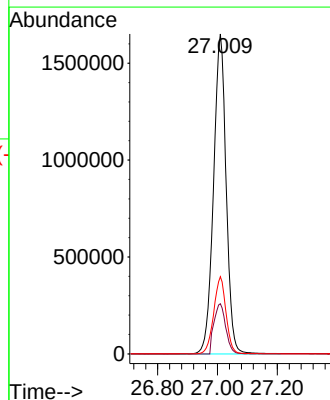
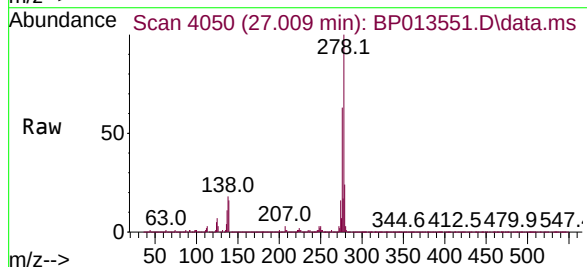
Manual Integrations
APPROVED

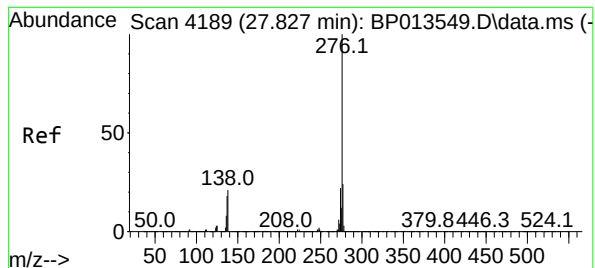
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#91
Dibenzo(a,h)anthracene
Concen: 64.801 ng
RT: 27.009 min Scan# 4050
Delta R.T. 0.006 min
Lab File: BP013551.D
Acq: 23 Jan 2023 14:51

Tgt Ion:278 Resp: 4850837
Ion Ratio Lower Upper
278 100
139 15.7 12.3 18.5
279 24.1 19.0 28.6





#92

Benzo(g,h,i)perylene

Concen: 52.678 ng

RT: 27.833 min Scan# 41

Delta R.T. 0.006 min

Lab File: BP013551.D

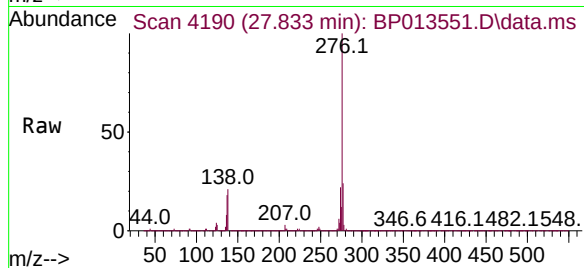
Acq: 23 Jan 2023 14:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC060



Tgt Ion:276 Resp: 4701233

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.6

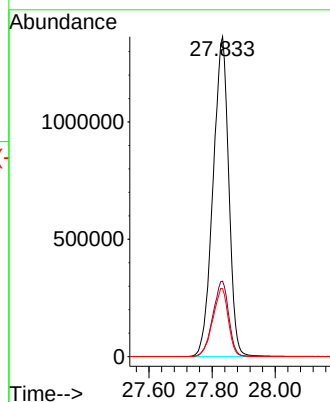
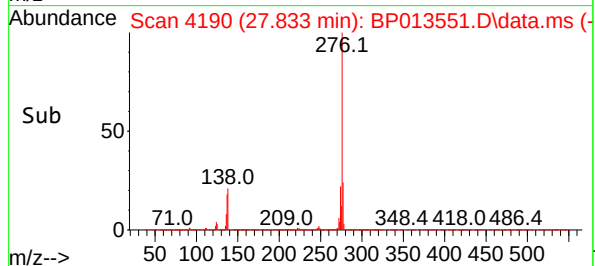
138 21.2 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
 Data File : BP013552.D
 Acq On : 23 Jan 2023 16:01
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023
 Supervised By :Jagrut Upadhyay 01/24/2023

Quant Time: Jan 24 03:07:14 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jan 24 03:01:10 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.163	152	378884	20.000	ng	0.00
21) Naphthalene-d8	10.999	136	1507887	20.000	ng	0.00
39) Acenaphthene-d10	14.804	164	922906	20.000	ng	0.00
64) Phenanthrene-d10	17.557	188	1967034	20.000	ng	0.00
76) Chrysene-d12	21.639	240	1733912	20.000	ng	0.00
86) Perylene-d12	24.233	264	1592515	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	3304546	149.435	ng	0.00
7) Phenol-d6	7.310	99	4599459	154.541	ng	0.00
23) Nitrobenzene-d5	9.346	82	3994953	174.903	ng	0.00
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	0.00
45) 2-Fluorobiphenyl	13.434	172	9610226	142.934	ng	0.00
79) Terphenyl-d14	20.086	244	13044289	135.339	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.528	88	631575	70.847	ng	98
3) Pyridine	3.940	79	2011144m	76.223	ng	
4) n-Nitrosodimethylamine	3.852	42	862196	72.057	ng	97
6) Aniline	7.487	93	3071625	76.827	ng	99
8) 2-Chlorophenol	7.728	128	1900793	77.897	ng	98
10) Phenol	7.340	94	2374543	77.008	ng	99
11) bis(2-Chloroethyl)ether	7.581	93	1898988	75.317	ng	98
12) 1,3-Dichlorobenzene	8.052	146	1997549	74.025	ng	99
13) 1,4-Dichlorobenzene	8.199	146	2020288	73.836	ng	99
14) 1,2-Dichlorobenzene	8.528	146	1944529	73.394	ng	99
15) Benzyl Alcohol	8.405	79	1687874	79.377	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.699	45	2536717	73.379	ng	99
17) 2-Methylphenol	8.604	107	1737172	77.573	ng	99
18) Hexachloroethane	9.263	117	707119	77.317	ng	100
19) n-Nitroso-di-n-propyla...	8.987	70	1482470	77.335	ng	96
20) 3+4-Methylphenols	8.940	107	2363326	80.178	ng	99
22) Acetophenone	8.999	105	2922551	75.551	ng	# 98
24) Nitrobenzene	9.387	77	2077916	84.610	ng	97
25) Isophorone	9.922	82	4294878	79.275	ng	99
27) 2,4-Dimethylphenol	10.151	122	1882941	78.842	ng	100
28) bis(2-Chloroethoxy)met...	10.399	93	2572170	78.783	ng	99
29) 2,4-Dichlorophenol	10.640	162	1836764	85.383	ng	99
30) 1,2,4-Trichlorobenzene	10.857	180	1927786	78.526	ng	99
31) Naphthalene	11.051	128	6242906	77.011	ng	99
32) Benzoic acid	10.334	122	1184849	113.511	ng	98
33) 4-Chloroaniline	11.151	127	2874116	80.127	ng	99
34) Hexachlorobutadiene	11.334	225	1112644	77.881	ng	99
35) Caprolactam	11.963	113	661353m	95.175	ng	
36) 4-Chloro-3-methylphenol	12.263	107	2014885	86.004	ng	97
37) 2-Methylnaphthalene	12.645	142	4556380	79.074	ng	98
38) 1-Methylnaphthalene	12.863	142	4267198	78.812	ng	99
40) 1,2,4,5-Tetrachloroben...	13.004	216	2177491	76.635	ng	100
41) Hexachlorocyclopentadiene	12.987	237	1171233	87.565	ng	97
43) 2,4,6-Trichlorophenol	13.240	196	1456511	87.585	ng	99
44) 2,4,5-Trichlorophenol	13.310	196	1717485	87.401	ng	98
46) 1,1'-Biphenyl	13.645	154	5547165	74.841	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
 Data File : BP013552.D
 Acq On : 23 Jan 2023 16:01
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/24/2023
 Supervised By : Jagrut Upadhyay 01/24/2023

Quant Time: Jan 24 03:07:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 03:01:10 2023
 Response via : Initial Calibration

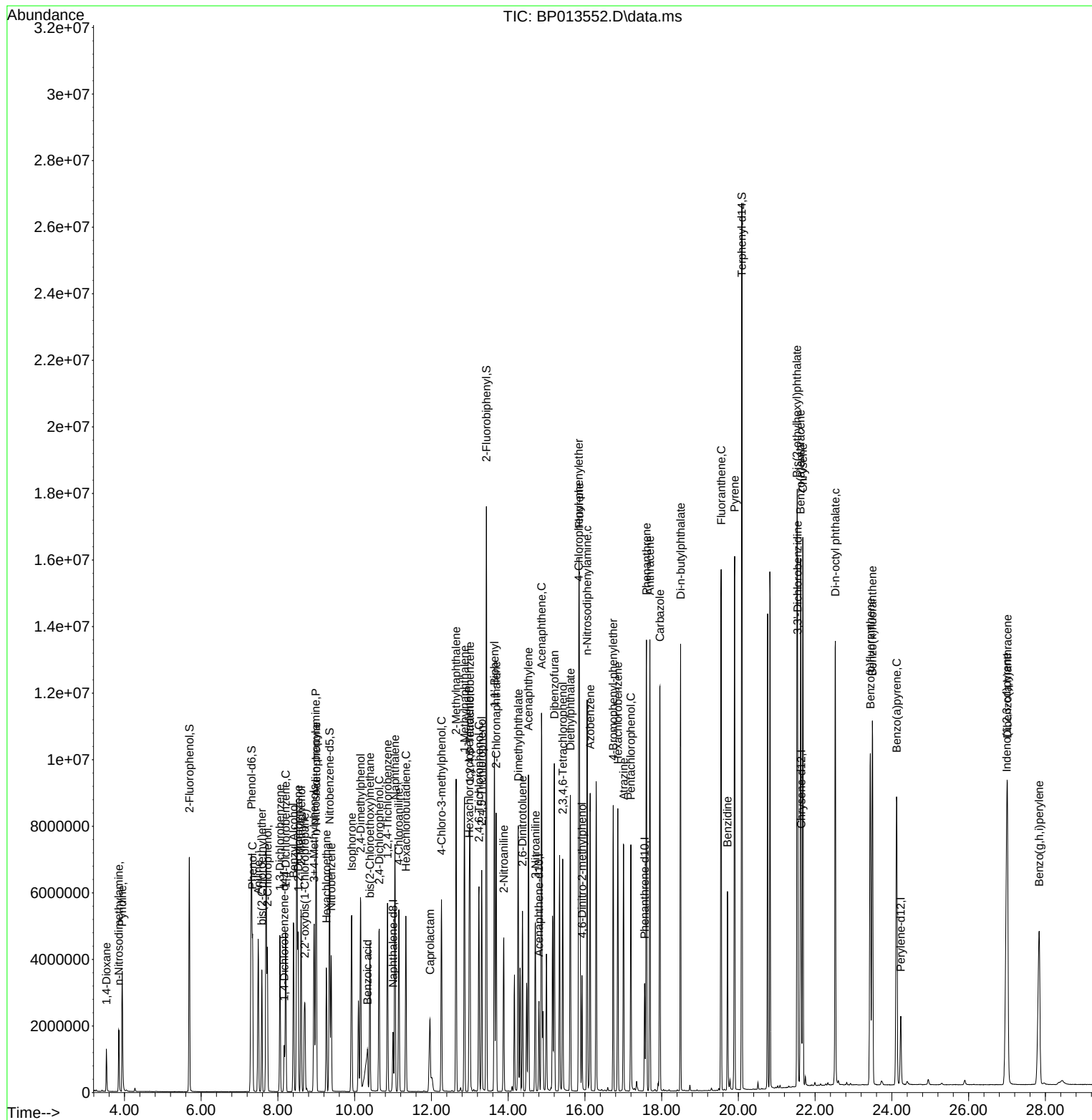
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	13.687	162	4195583	75.558	ng	99
48) 2-Nitroaniline	13.887	65	1225426	110.297	ng	89
49) Acenaphthylene	14.528	152	7023561	77.344	ng	98
50) Dimethylphthalate	14.263	163	5557745	81.012	ng	100
51) 2,6-Dinitrotoluene	14.375	165	1162764	104.970	ng	92
52) Acenaphthene	14.869	154	4446596	79.270	ng	100
53) 3-Nitroaniline	14.710	138	1352760	106.514	ng	# 92
55) Dibenzofuran	15.204	168	6633211	77.116	ng	99
58) Fluorene	15.851	166	5243932	76.702	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.422	232	1390673	92.166	ng	97
60) Diethylphthalate	15.622	149	5594855	83.499	ng	99
61) 4-Chlorophenyl-phenyle...	15.839	204	2637118	78.446	ng	97
63) Azobenzene	16.139	77	5068227	77.842	ng	95
65) 4,6-Dinitro-2-methylph...	15.928	198	704391	123.907	ng	89
66) n-Nitrosodiphenylamine	16.057	169	4755224	74.130	ng	99
67) 4-Bromophenyl-phenylether	16.739	248	1702428	78.133	ng	98
68) Hexachlorobenzene	16.857	284	1846450	78.454	ng	98
69) Atrazine	17.010	200	1483580	80.832	ng	98
70) Pentachlorophenol	17.198	266	1284864	93.737	ng	98
71) Phenanthrene	17.604	178	8283768	75.690	ng	99
72) Anthracene	17.692	178	8460641	76.168	ng	98
73) Carbazole	17.957	167	7886049	79.000	ng	99
74) Di-n-butylphthalate	18.492	149	9471020	85.247	ng	99
75) Fluoranthene	19.551	202	9632193	82.762	ng	100
77) Benzidine	19.716	184	3381682	77.546	ng	99
78) Pyrene	19.904	202	9836233	74.191	ng	99
81) Benzo(a)anthracene	21.621	228	9396042	77.785	ng	98
82) 3,3'-Dichlorobenzidine	21.545	252	3235052	83.120	ng	99
83) Chrysene	21.680	228	8843193	76.541	ng	98
84) Bis(2-ethylhexyl)phtha...	21.527	149	6110528	90.450	ng	99
85) Di-n-octyl phthalate	22.527	149	10207016	93.714	ng	96
87) Indeno(1,2,3-cd)pyrene	26.992	276	8432334	71.886	ng	100
88) Benzo(b)fluoranthene	23.439	252	8175152	83.448	ng	99
89) Benzo(k)fluoranthene	23.492	252	8371090	83.776	ng	98
90) Benzo(a)pyrene	24.121	252	7672732	80.737	ng	99
91) Dibenzo(a,h)anthracene	27.009	278	7123652	72.402	ng	99
92) Benzo(g,h,i)perylene	27.839	276	6728252	57.359	ng	99

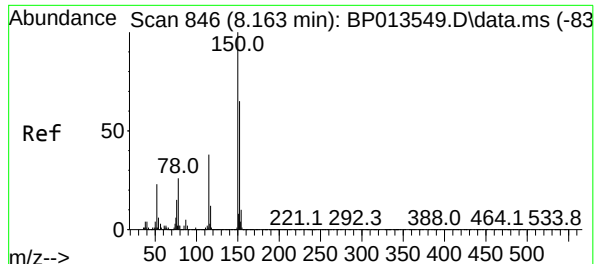
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

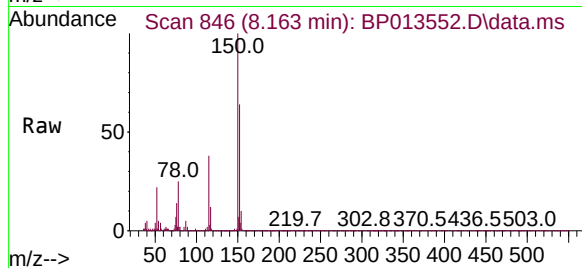
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jaqrut Upadhyay 01/24/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.163 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

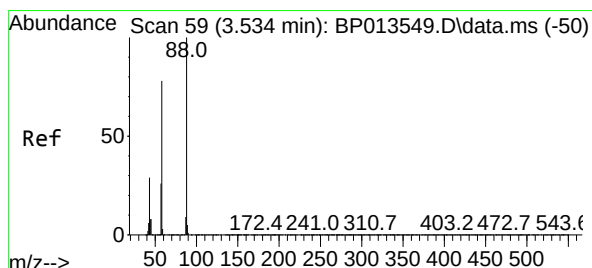
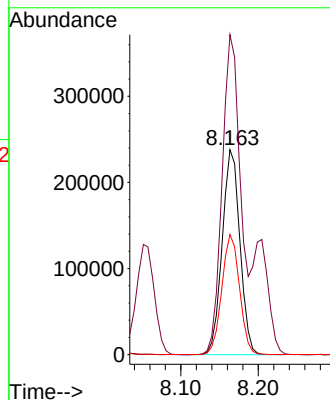
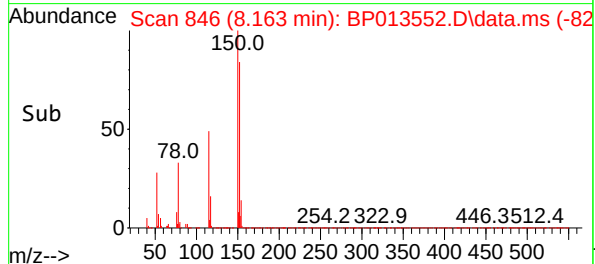
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:152 Resp: 378884
Ion Ratio Lower Upper
152 100
150 156.2 122.4 183.6
115 58.6 46.1 69.1

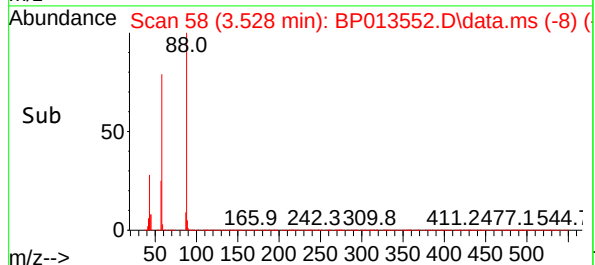
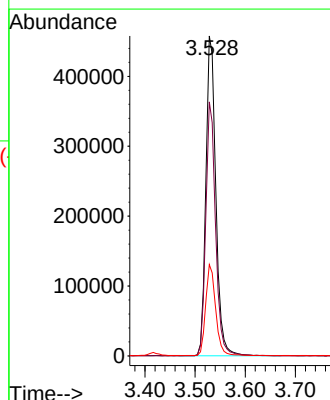
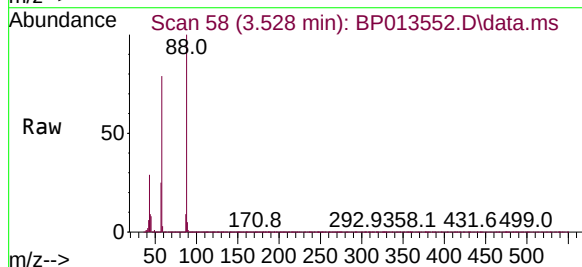
Manual Integrations
APPROVED

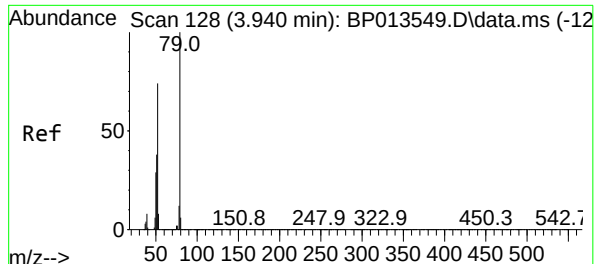
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#2
1,4-Dioxane
Concen: 70.847 ng
RT: 3.528 min Scan# 58
Delta R.T. -0.006 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

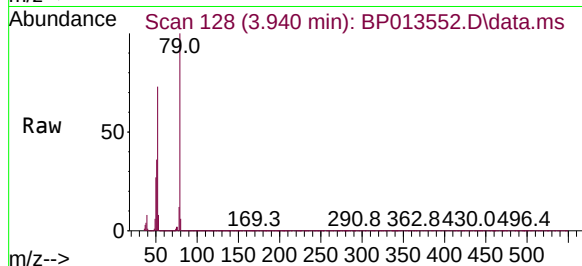
Tgt Ion: 88 Resp: 631575
Ion Ratio Lower Upper
88 100
58 78.4 63.6 95.4
43 28.6 24.2 36.2





#3
Pyridine
Concen: 76.223 ng m
RT: 3.940 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

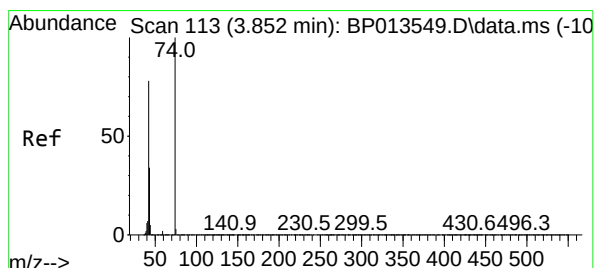
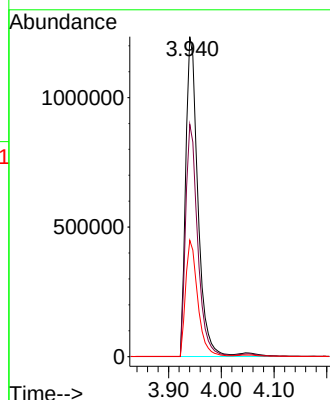
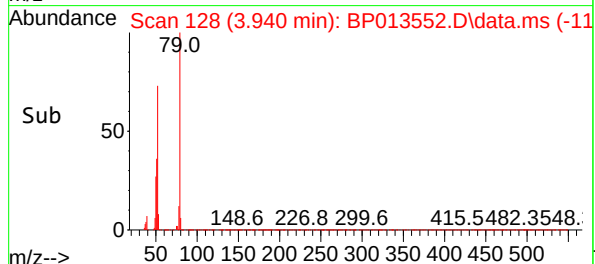
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 79 Resp: 2011144
Ion Ratio Lower Upper
79 100
52 72.6 59.4 89.2
51 36.3 30.6 45.8

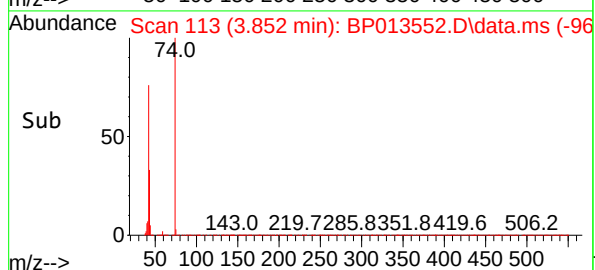
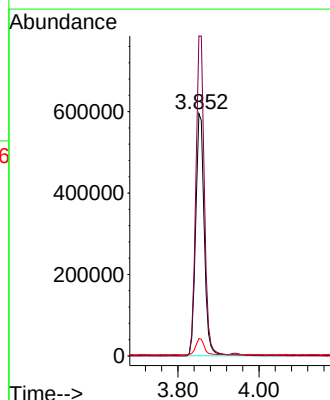
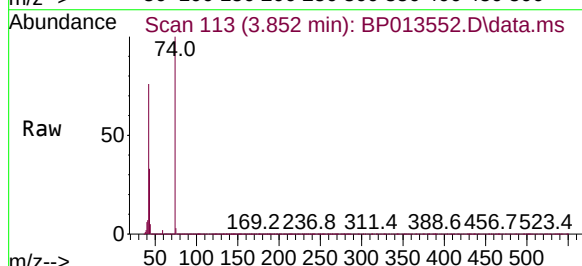
Manual Integrations
APPROVED

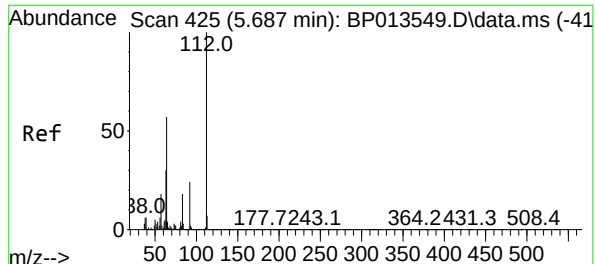
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#4
n-Nitrosodimethylamine
Concen: 72.057 ng
RT: 3.852 min Scan# 113
Delta R.T. 0.000 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

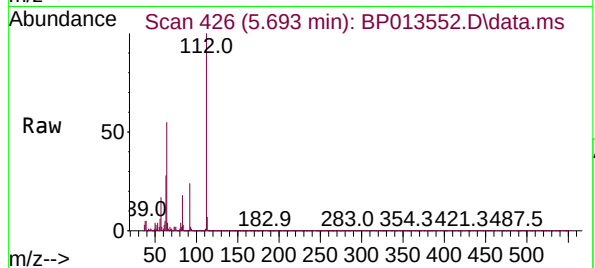
Tgt Ion: 42 Resp: 862196
Ion Ratio Lower Upper
42 100
74 132.1 102.3 153.5
44 7.1 6.2 9.2





#5
2-Fluorophenol
Concen: 149.435 ng
RT: 5.693 min Scan# 425
Delta R.T. 0.006 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

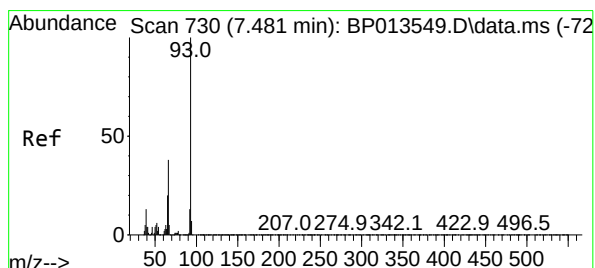
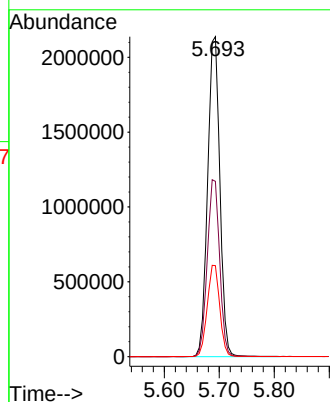
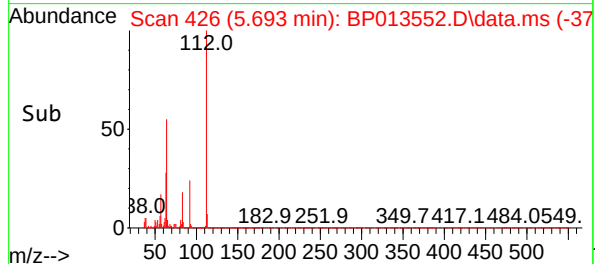
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 112 Resp: 3304546
Ion Ratio Lower Upper
112 100
64 54.8 45.4 68.0
63 28.4 24.1 36.1

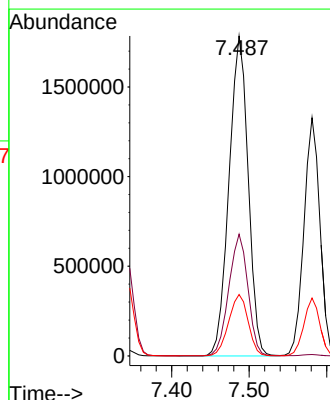
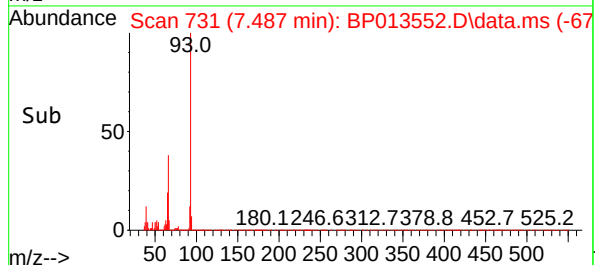
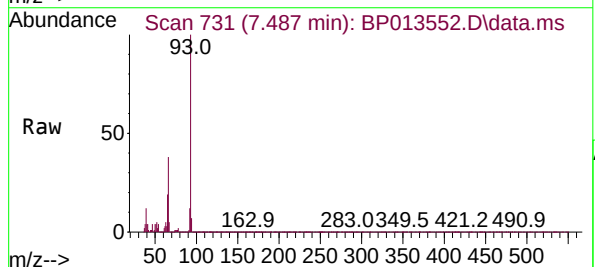
Manual Integrations
APPROVED

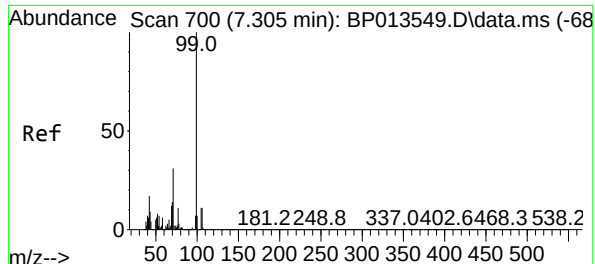
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#6
Aniline
Concen: 76.827 ng
RT: 7.487 min Scan# 731
Delta R.T. 0.006 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

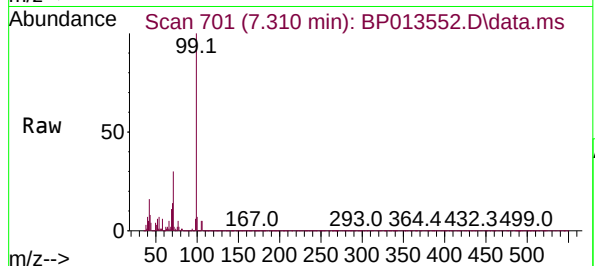
Tgt Ion: 93 Resp: 3071625
Ion Ratio Lower Upper
93 100
66 38.0 30.3 45.5
65 19.2 15.9 23.9





#7
Phenol-d6
Concen: 154.541 ng
RT: 7.310 min Scan# 701
Delta R.T. 0.006 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

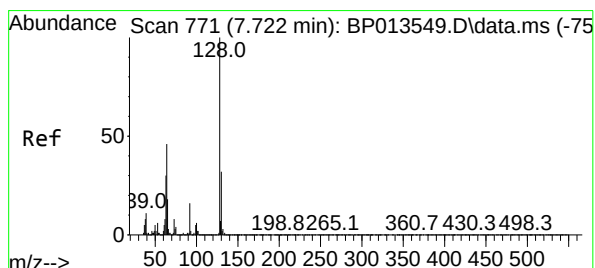
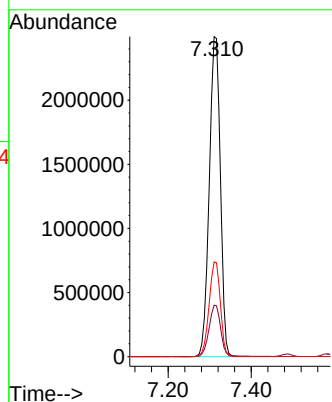
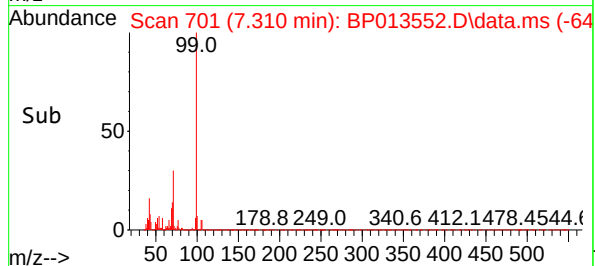
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 99 Resp: 4599459
Ion Ratio Lower Upper
99 100
42 16.1 14.0 21.0
71 29.6 24.7 37.1

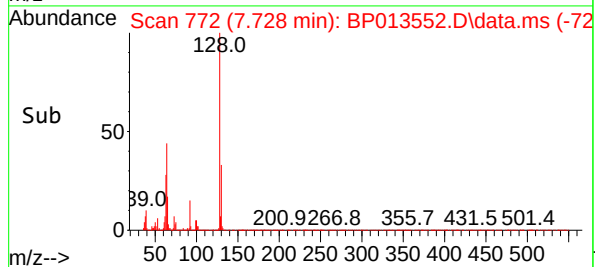
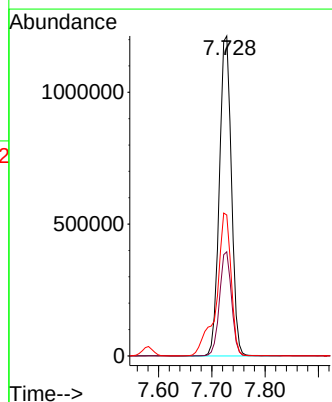
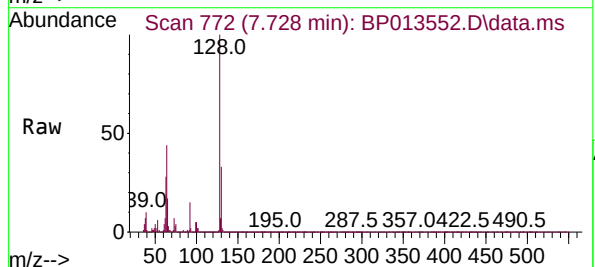
Manual Integrations
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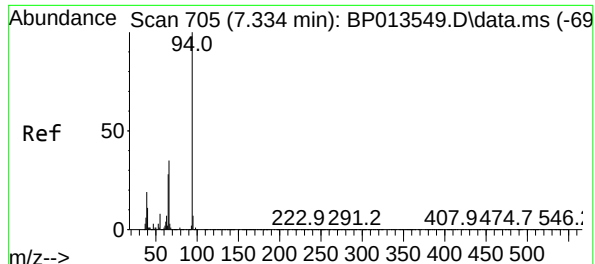
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#8
2-Chlorophenol
Concen: 77.897 ng
RT: 7.728 min Scan# 772
Delta R.T. 0.006 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

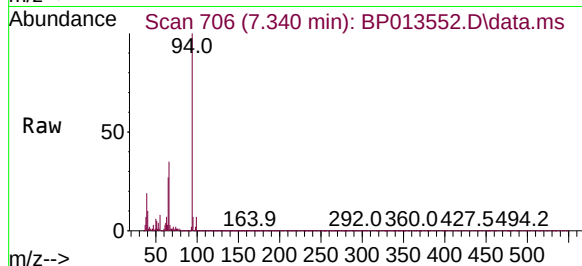
Tgt Ion:128 Resp: 1900793
Ion Ratio Lower Upper
128 100
130 32.5 12.4 52.4
64 44.0 26.2 66.2





#10
Phenol
Concen: 77.008 ng
RT: 7.340 min Scan# 705
Delta R.T. 0.006 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

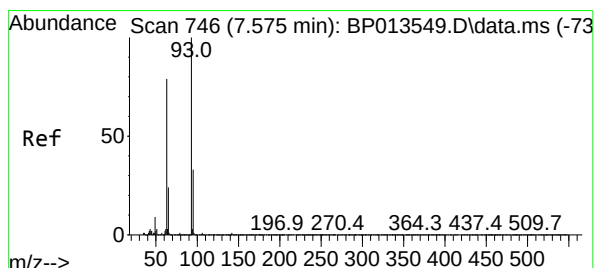
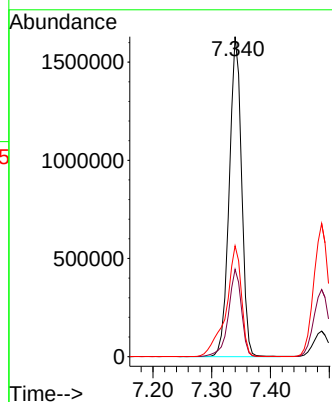
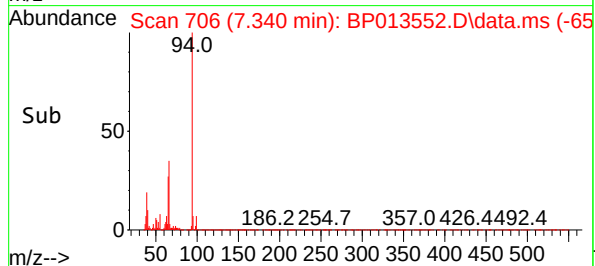
Instrument :
BNA_P
Client SampleId :
SSTDICC080



Tgt Ion: 94 Resp: 2374543
Ion Ratio Lower Upper
94 100
65 27.3 7.8 47.8
66 34.6 15.5 55.5

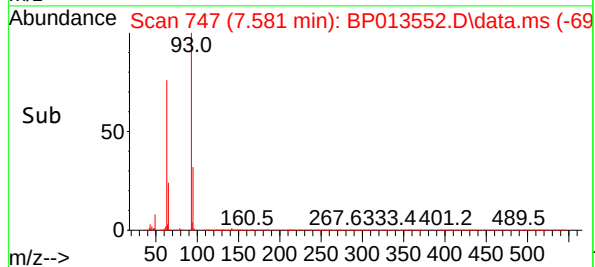
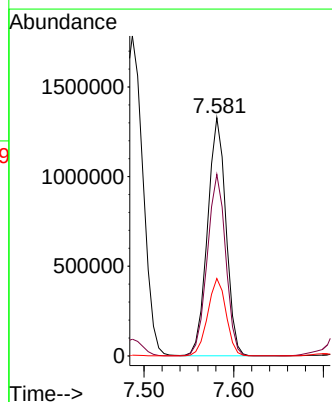
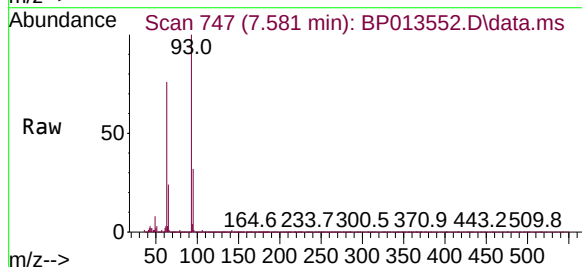
Manual Integrations
APPROVED

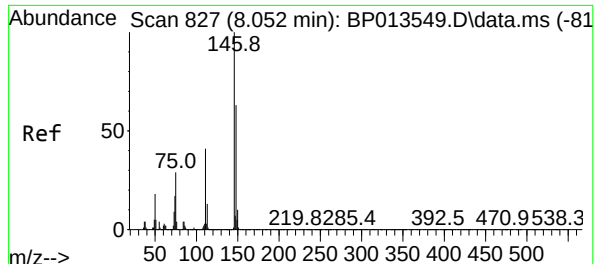
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#11
bis(2-Chloroethyl)ether
Concen: 75.317 ng
RT: 7.581 min Scan# 747
Delta R.T. 0.006 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

Tgt Ion: 93 Resp: 1898988
Ion Ratio Lower Upper
93 100
63 76.2 58.7 98.7
95 32.5 12.8 52.8





#12

1,3-Dichlorobenzene

Concen: 74.025 ng

RT: 8.052 min Scan# 81

Delta R.T. 0.000 min

Lab File: BP013552.D

Acq: 23 Jan 2023 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 1997549

Ion Ratio Lower Upper

146 100

148 63.6 50.7 76.1

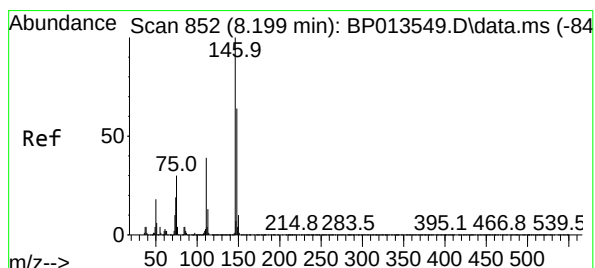
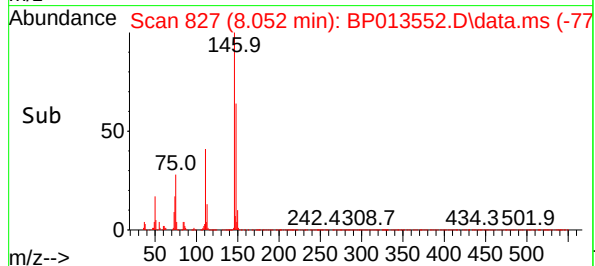
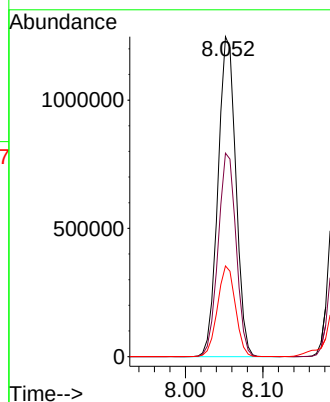
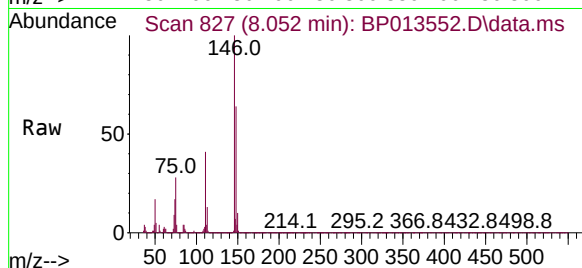
75 28.3 23.4 35.2

Manual Integrations

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Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#13

1,4-Dichlorobenzene

Concen: 73.836 ng

RT: 8.199 min Scan# 852

Delta R.T. -0.000 min

Lab File: BP013552.D

Acq: 23 Jan 2023 16:01

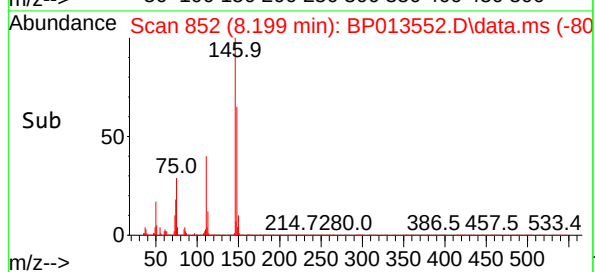
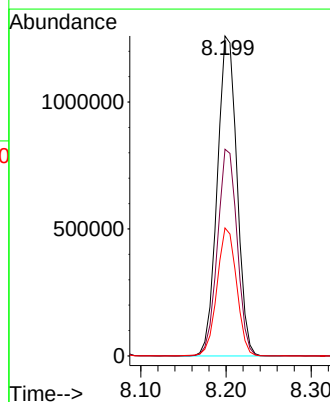
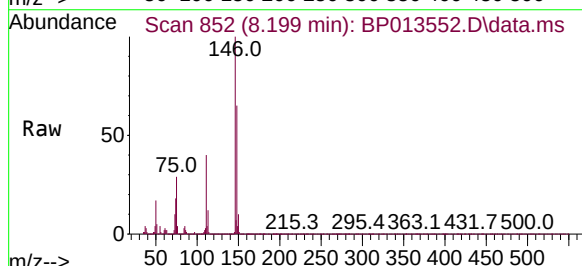
Tgt Ion:146 Resp: 2020288

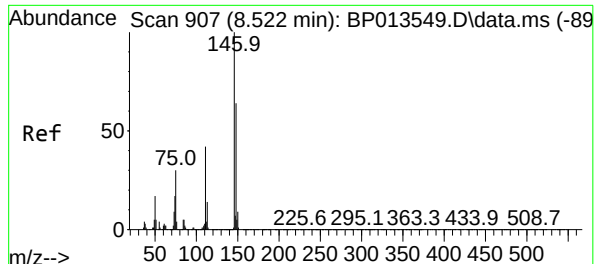
Ion Ratio Lower Upper

146 100

148 64.6 51.4 77.0

111 40.0 31.4 47.2





#14

1,2-Dichlorobenzene

Concen: 73.394 ng

RT: 8.528 min Scan# 907

Delta R.T. 0.006 min

Lab File: BP013552.D

Acq: 23 Jan 2023 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 1944529

Ion Ratio Lower Upper

146 100

148 64.1 50.8 76.2

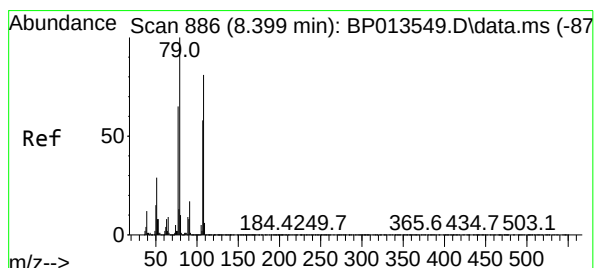
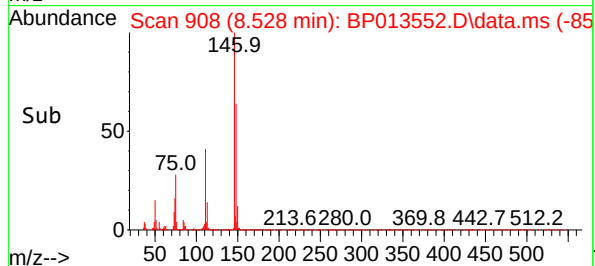
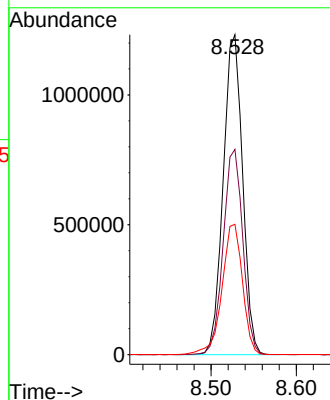
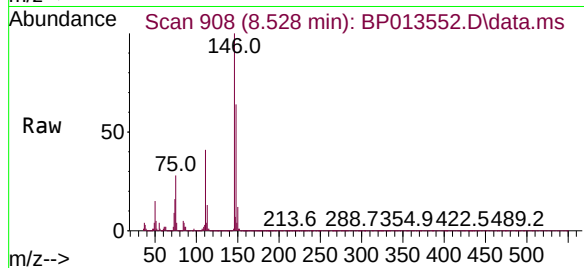
111 40.7 33.4 50.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#15

Benzyl Alcohol

Concen: 79.377 ng

RT: 8.405 min Scan# 887

Delta R.T. 0.006 min

Lab File: BP013552.D

Acq: 23 Jan 2023 16:01

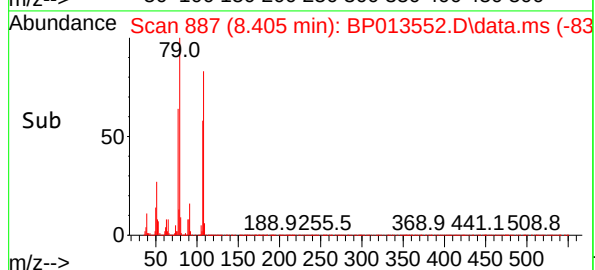
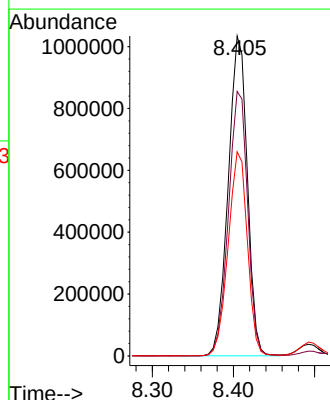
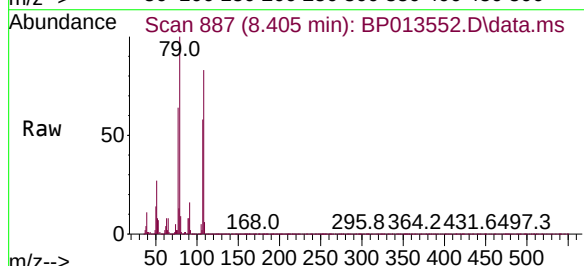
Tgt Ion: 79 Resp: 1687874

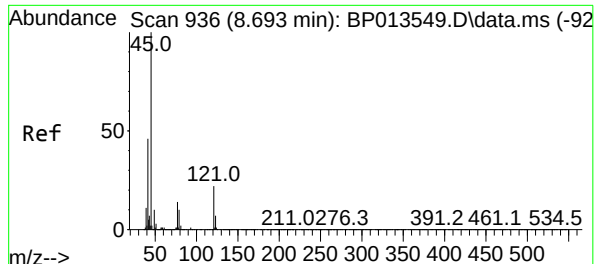
Ion Ratio Lower Upper

79 100

108 82.6 65.2 97.8

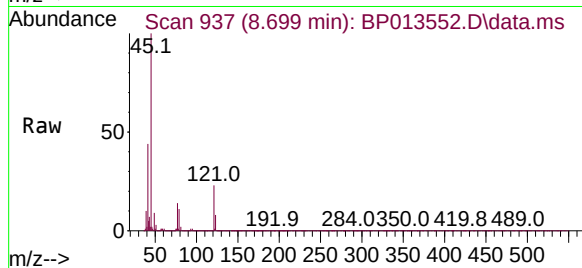
77 63.8 52.3 78.5





#16
2,2'-oxybis(1-Chloropropane)
Concen: 73.379 ng
RT: 8.699 min Scan# 936
Delta R.T. 0.006 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

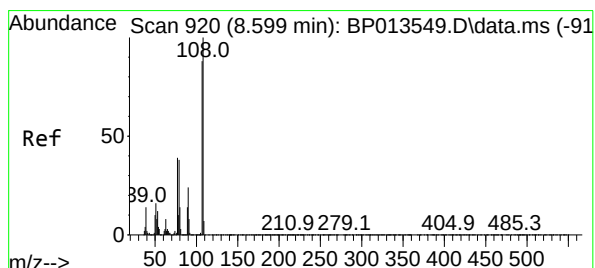
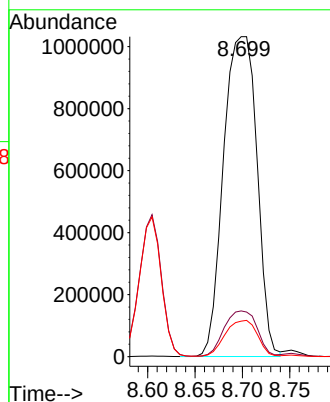
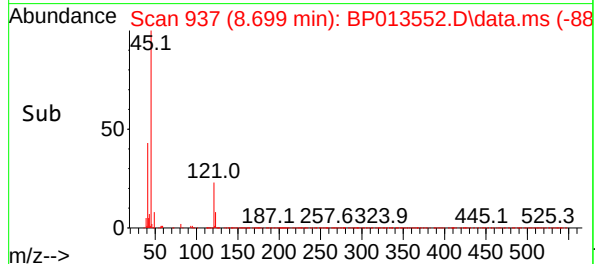
Instrument :
BNA_P
Client Sample Id :
SSTDICC080



Tgt Ion: 45 Resp: 253671
Ion Ratio Lower Upper
45 100
77 14.3 0.0 34.2
79 11.1 0.0 30.4

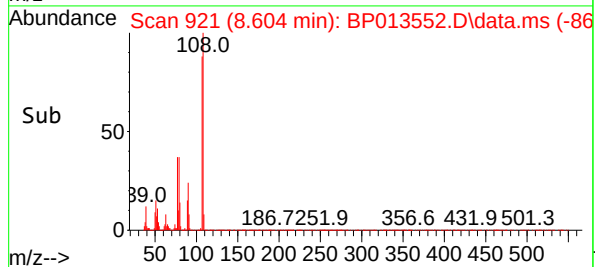
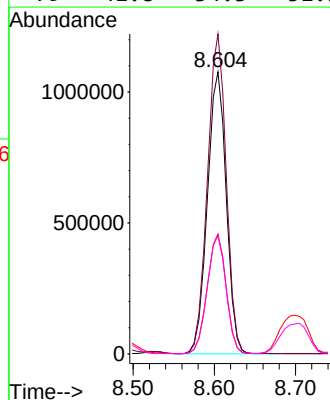
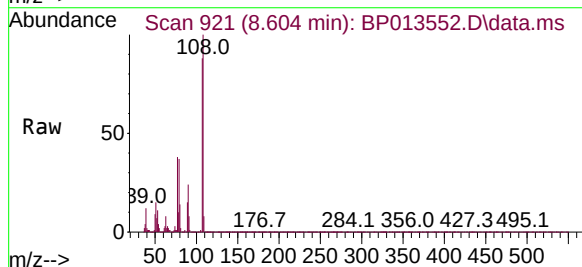
Manual Integrations
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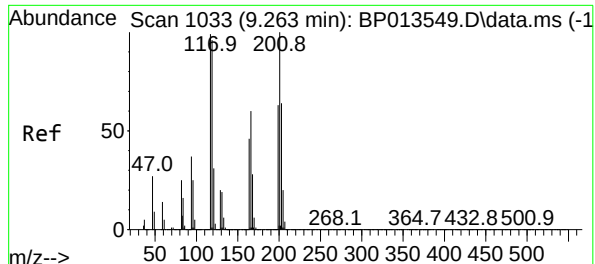
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#17
2-Methylphenol
Concen: 77.573 ng
RT: 8.604 min Scan# 921
Delta R.T. 0.006 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

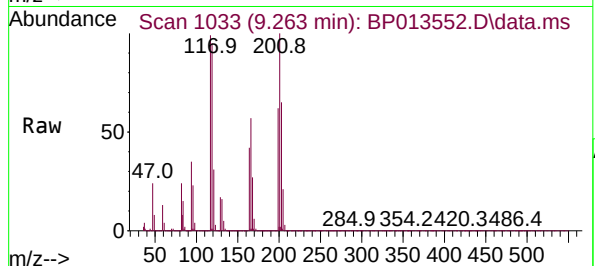
Tgt Ion:107 Resp: 1737172
Ion Ratio Lower Upper
107 100
108 113.5 90.5 135.7
77 42.5 35.4 53.2
79 41.8 34.3 51.5





#18
Hexachloroethane
Concen: 77.317 ng
RT: 9.263 min Scan# 1033
Delta R.T. -0.000 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

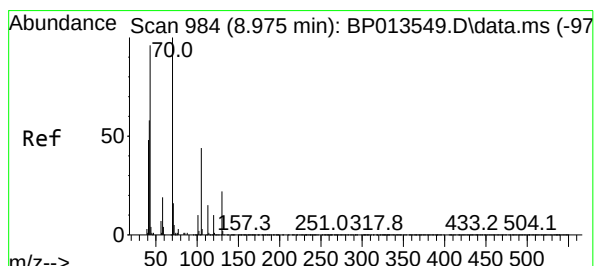
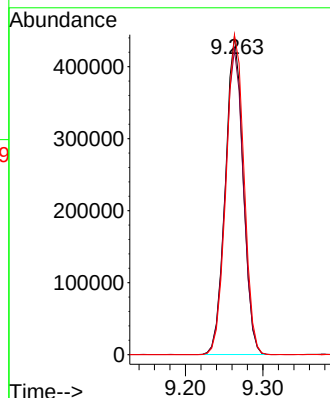
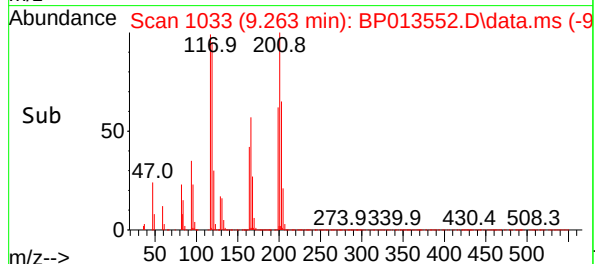
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 117 Resp: 707119
Ion Ratio Lower Upper
117 100
119 95.9 77.0 115.6
201 100.6 80.6 120.8

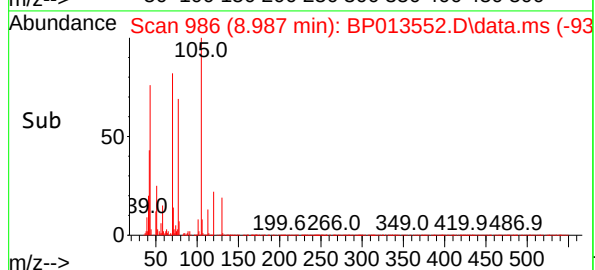
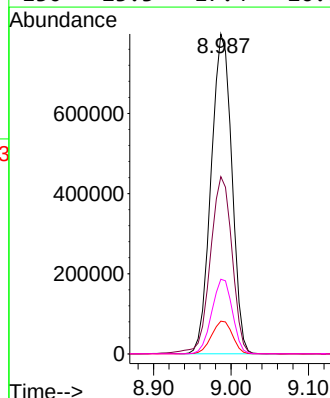
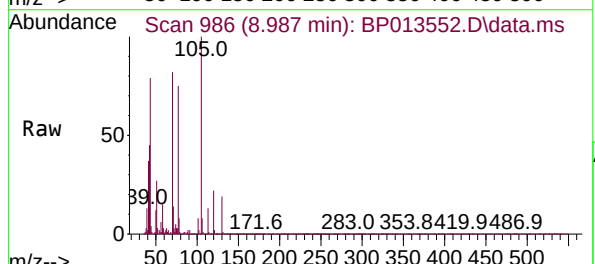
Manual Integrations
APPROVED

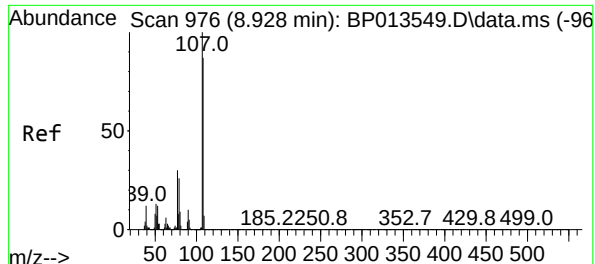
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#19
n-Nitroso-di-n-propylamine
Concen: 77.335 ng
RT: 8.987 min Scan# 986
Delta R.T. 0.012 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

Tgt Ion: 70 Resp: 1482470
Ion Ratio Lower Upper
70 100
42 55.4 47.2 70.8
101 10.2 8.0 12.0
130 23.3 17.4 26.0





#20

3+4-Methylphenols

Concen: 80.178 ng

RT: 8.940 min Scan# 91

Delta R.T. 0.012 min

Lab File: BP013552.D

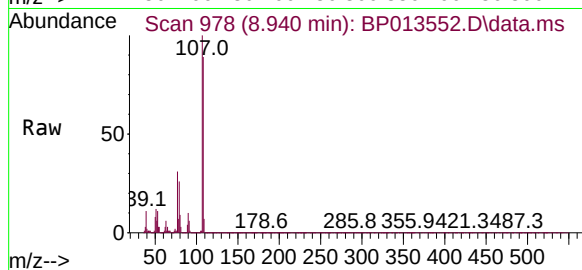
Acq: 23 Jan 2023 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC080



Tgt Ion:107 Resp: 2363326

Ion Ratio Lower Upper

107 100

108 88.6 67.5 107.5

77 30.6 10.5 50.5

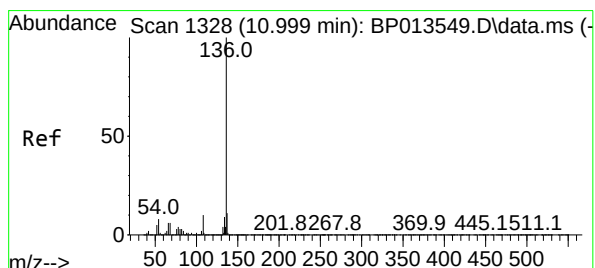
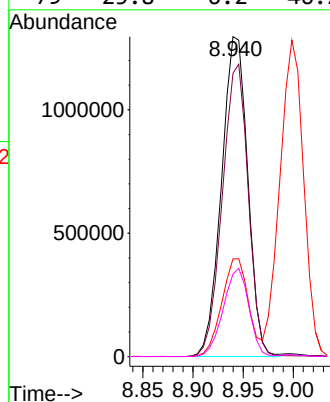
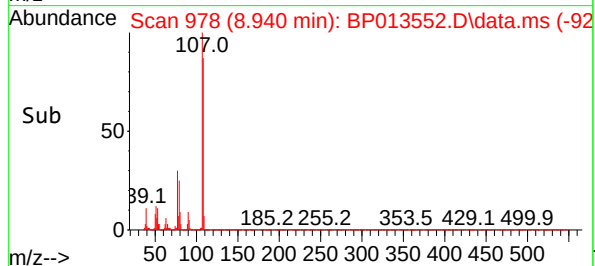
79 25.8 6.2 46.2

Manual Integrations

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Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.999 min Scan# 1328

Delta R.T. 0.000 min

Lab File: BP013552.D

Acq: 23 Jan 2023 16:01

Tgt Ion:136 Resp: 1507887

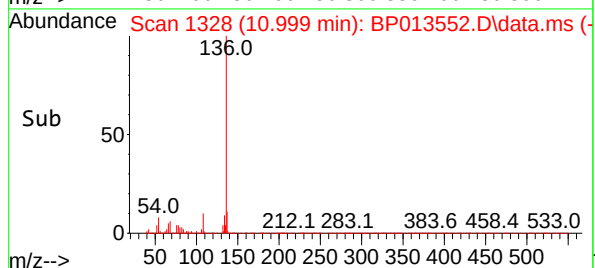
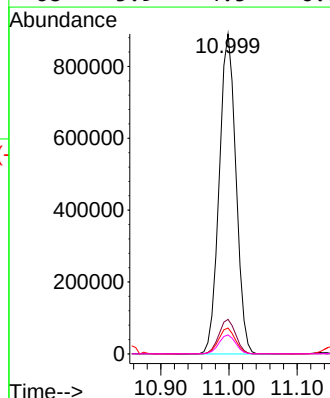
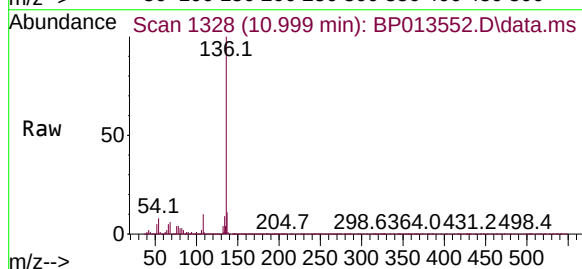
Ion Ratio Lower Upper

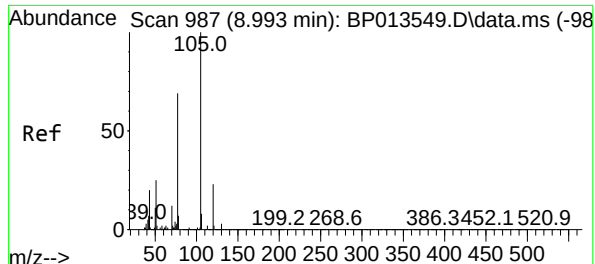
136 100

137 10.8 9.0 13.4

54 8.1 6.6 9.8

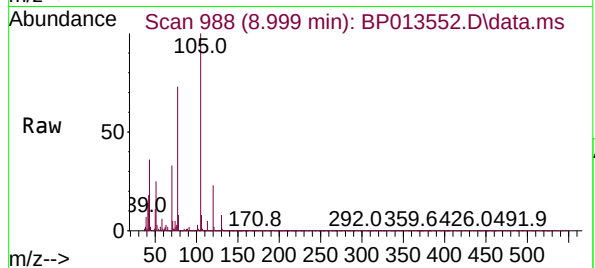
68 5.9 4.5 6.7





#22
Acetophenone
Concen: 75.551 ng
RT: 8.999 min Scan# 987
Delta R.T. 0.006 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

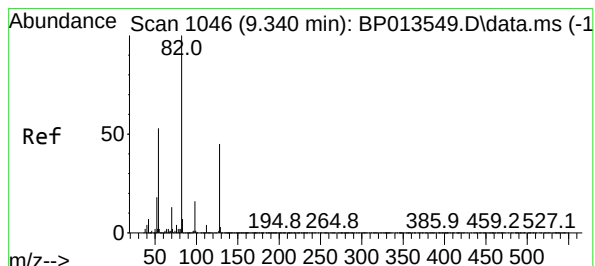
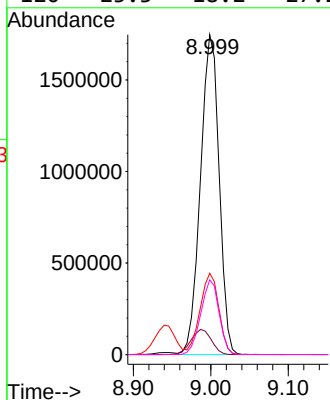
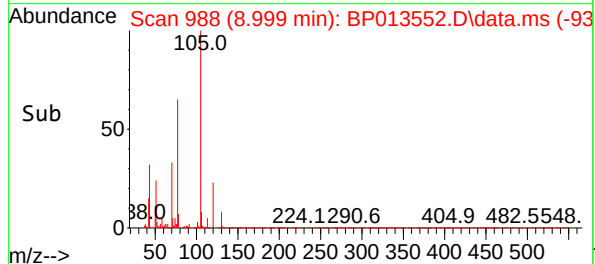
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



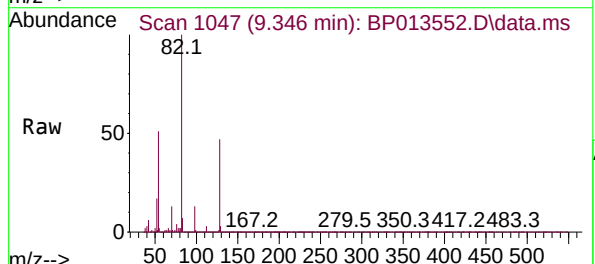
Tgt Ion: 105 Resp: 292255
Ion Ratio Lower Upper
105 100
71 5.4 1.8 2.8
51 25.4 21.1 31.7
120 23.3 18.2 27.2

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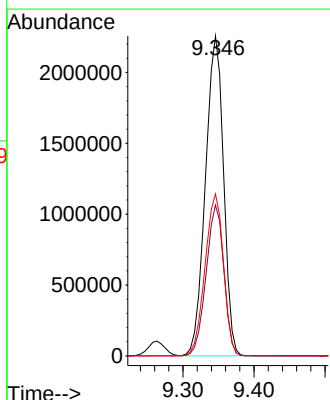
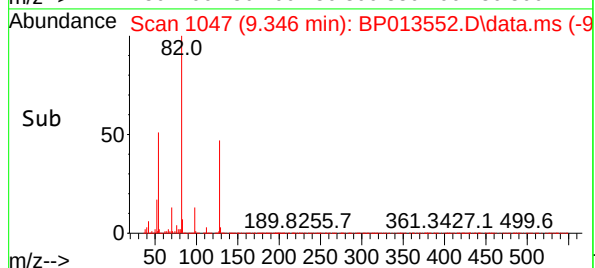
Reviewed By : Christian Giraldo 01/24/2023
Supervised By : Jagrut Upadhyay 01/24/2023

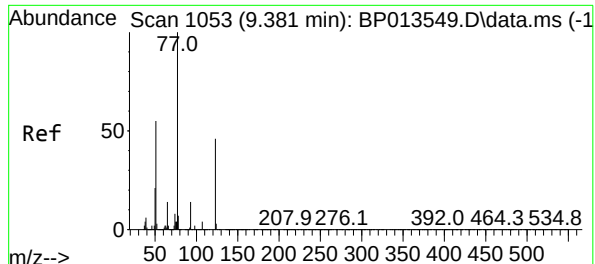


#23
Nitrobenzene-d5
Concen: 174.903 ng
RT: 9.346 min Scan# 1047
Delta R.T. 0.006 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01



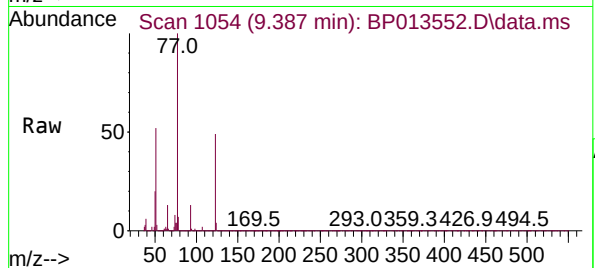
Tgt Ion: 82 Resp: 3994953
Ion Ratio Lower Upper
82 100
128 47.1 35.8 53.6
54 50.6 42.6 64.0





#24
Nitrobenzene
Concen: 84.610 ng
RT: 9.387 min Scan# 1053
Delta R.T. 0.006 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

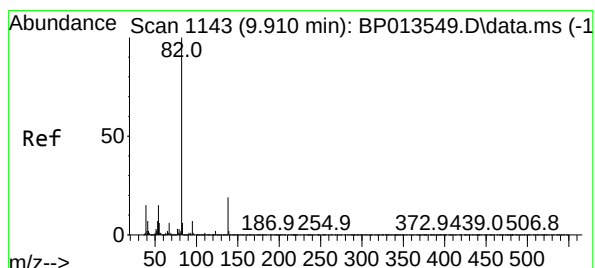
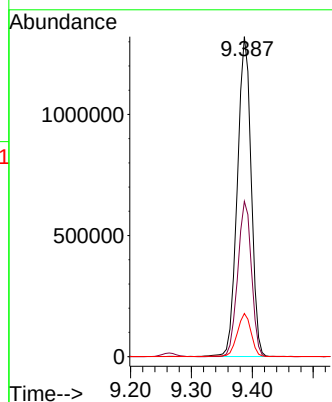
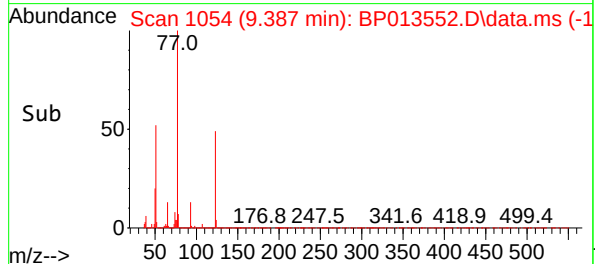
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 77 Resp: 2077916
Ion Ratio Lower Upper
77 100
123 48.5 37.2 55.8
65 13.5 11.1 16.7

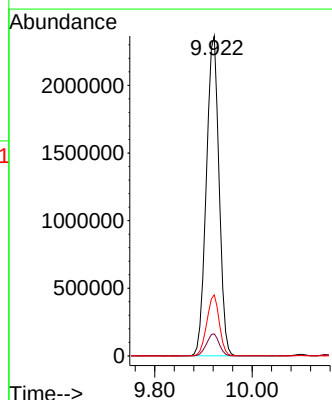
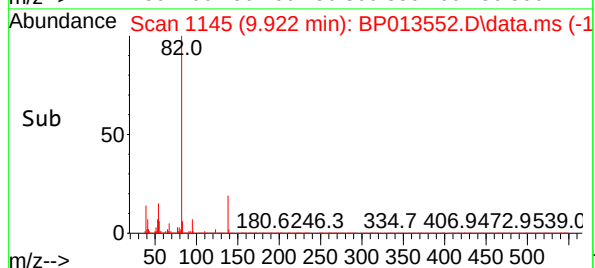
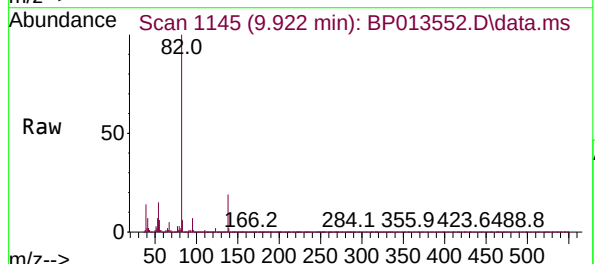
Manual Integrations
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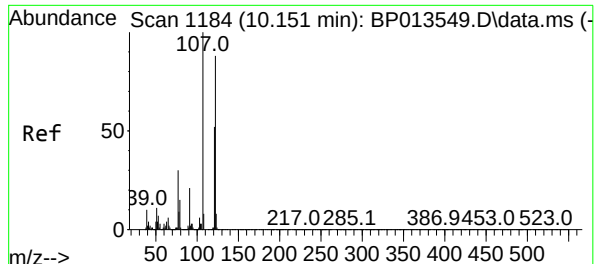
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#25
Isophorone
Concen: 79.275 ng
RT: 9.922 min Scan# 1145
Delta R.T. 0.012 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

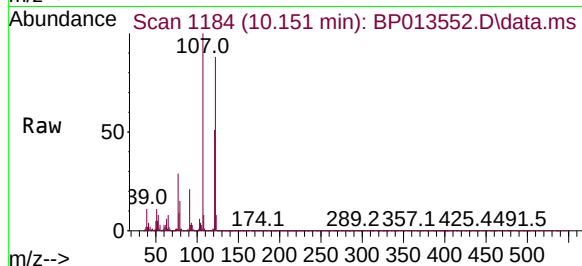
Tgt Ion: 82 Resp: 4294878
Ion Ratio Lower Upper
82 100
95 6.9 5.8 8.8
138 19.1 15.1 22.7





#27
2,4-Dimethylphenol
Concen: 78.842 ng
RT: 10.151 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

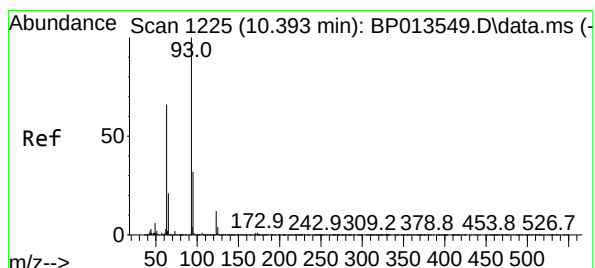
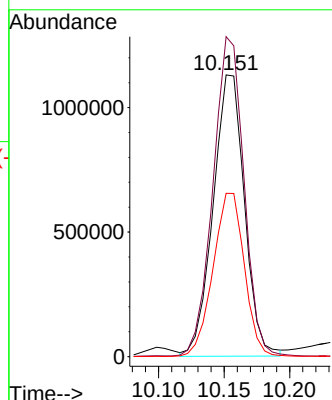
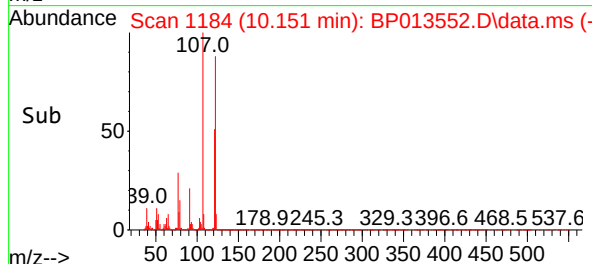
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 122 Resp: 188294
Ion Ratio Lower Upper
122 100
107 113.6 90.7 136.1
121 58.0 47.0 70.4

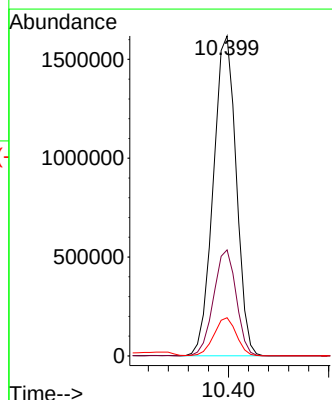
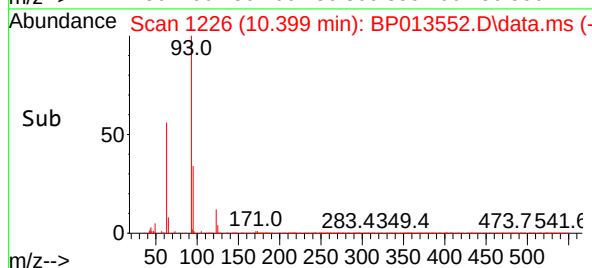
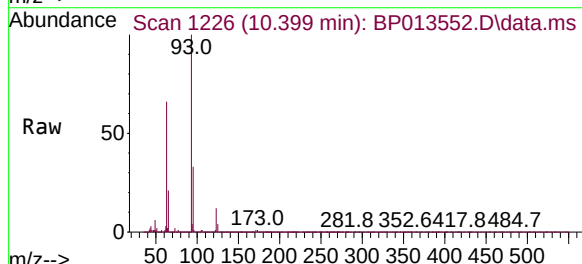
Manual Integrations
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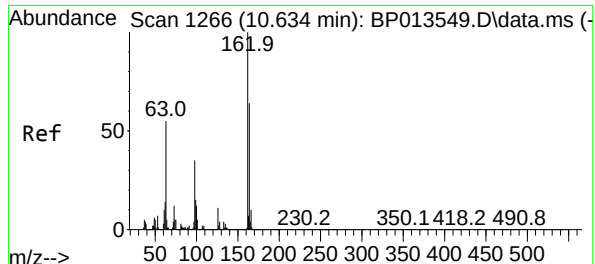
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#28
bis(2-Chloroethoxy)methane
Concen: 78.783 ng
RT: 10.399 min Scan# 1226
Delta R.T. 0.006 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

Tgt Ion: 93 Resp: 2572170
Ion Ratio Lower Upper
93 100
95 33.1 25.8 38.8
123 11.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 85.383 ng

RT: 10.640 min Scan# 1266

Delta R.T. 0.006 min

Lab File: BP013552.D

Acq: 23 Jan 2023 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:162 Resp: 1836764

Ion Ratio Lower Upper

162 100

164 64.8 44.3 84.3

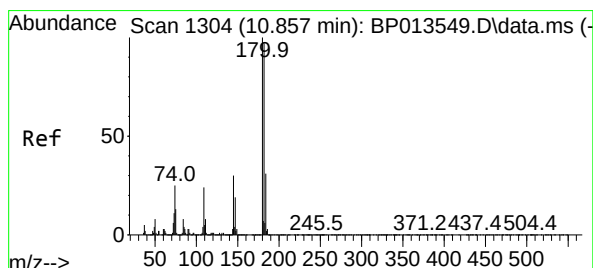
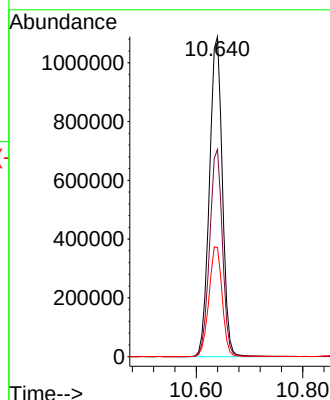
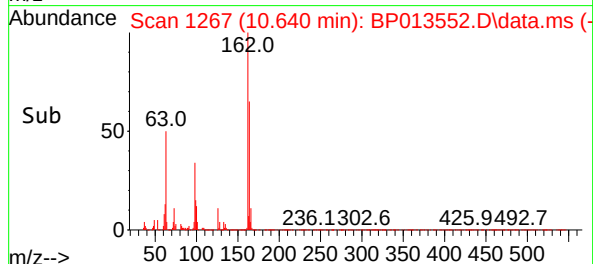
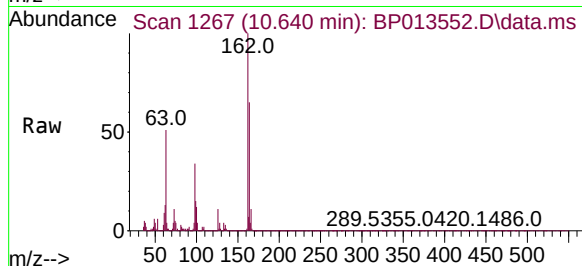
98 34.1 15.3 55.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#30

1,2,4-Trichlorobenzene

Concen: 78.526 ng

RT: 10.857 min Scan# 1304

Delta R.T. -0.000 min

Lab File: BP013552.D

Acq: 23 Jan 2023 16:01

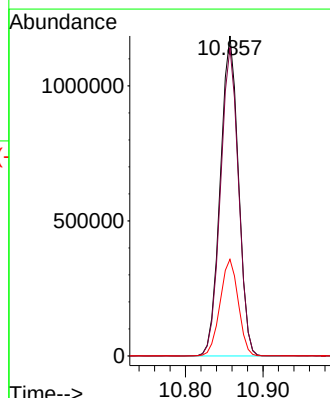
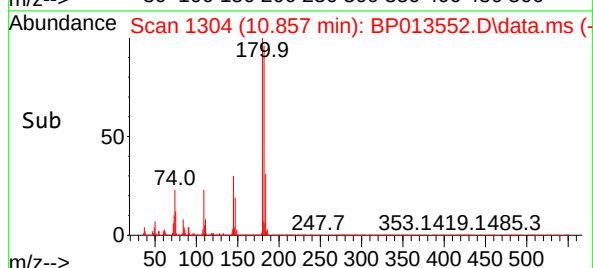
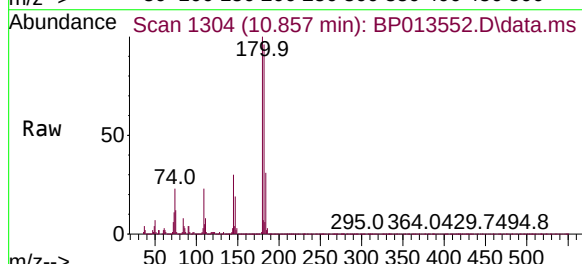
Tgt Ion:180 Resp: 1927786

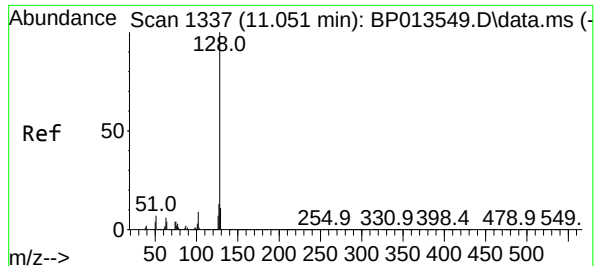
Ion Ratio Lower Upper

180 100

182 96.4 77.9 116.9

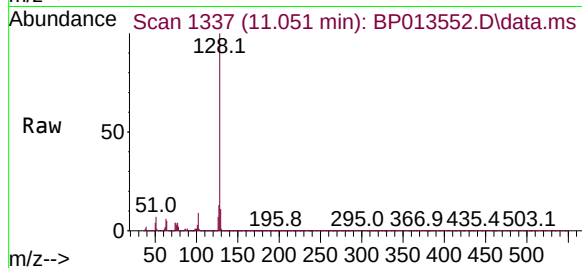
145 30.2 24.0 36.0





#31
Naphthalene
Concen: 77.011 ng
RT: 11.051 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

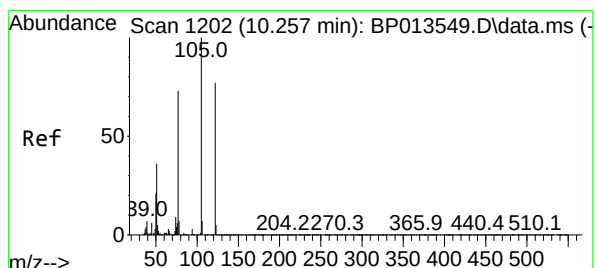
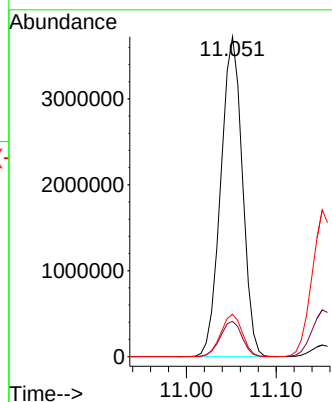
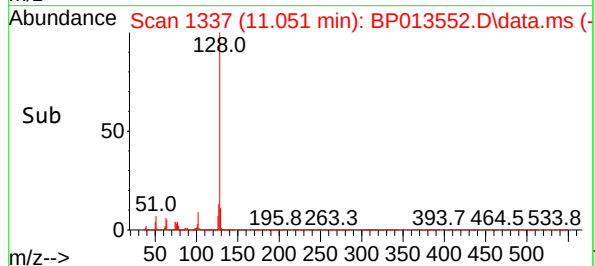
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:128 Resp: 6242906
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 13.2 10.6 16.0

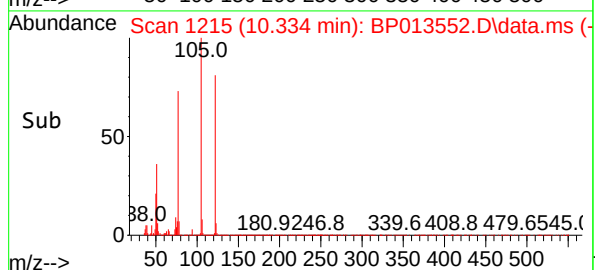
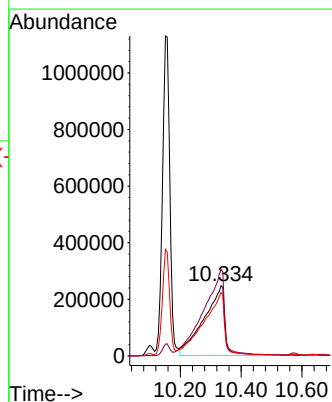
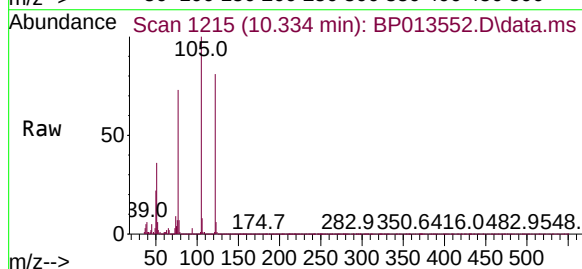
Manual Integrations
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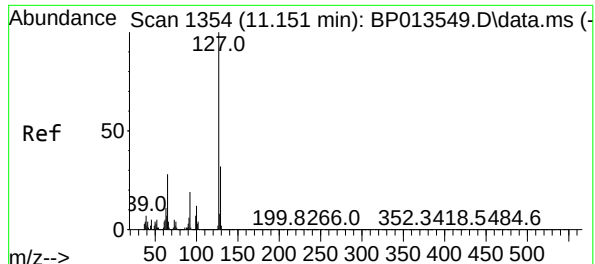
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#32
Benzoic acid
Concen: 113.511 ng
RT: 10.334 min Scan# 1215
Delta R.T. 0.076 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

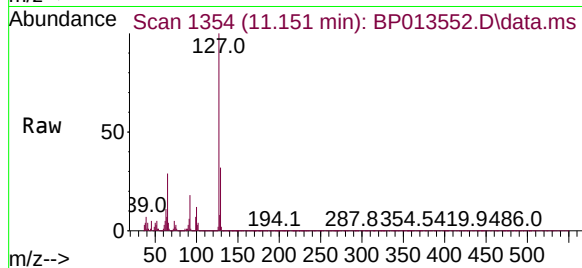
Tgt Ion:122 Resp: 1184849
Ion Ratio Lower Upper
122 100
105 123.5 100.5 140.5
77 90.2 70.9 110.9





#33
4-Chloroaniline
Concen: 80.127 ng
RT: 11.151 min Scan# 1354
Delta R.T. -0.000 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

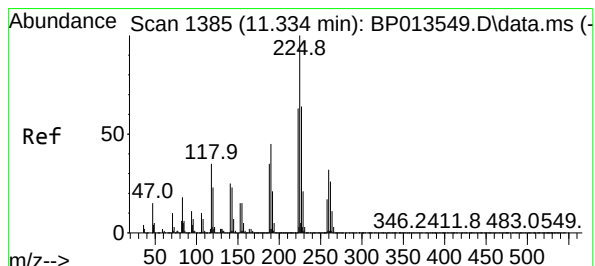
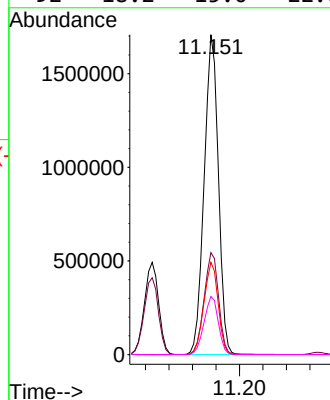
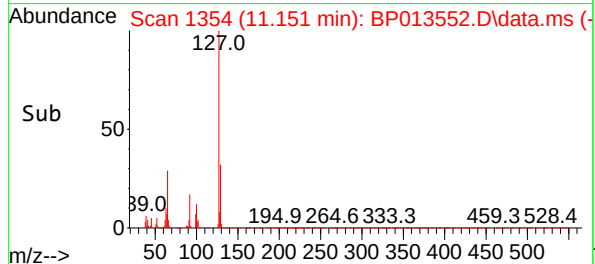
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:127 Resp: 2874116
Ion Ratio Lower Upper
127 100
129 31.9 25.7 38.5
65 28.8 22.7 34.1
92 18.2 15.0 22.6

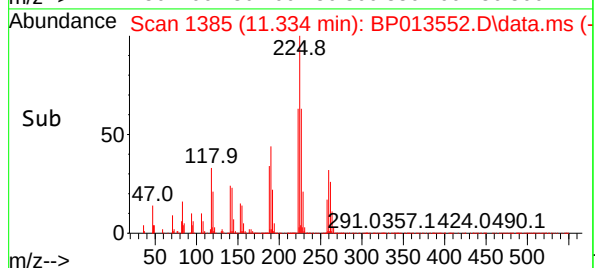
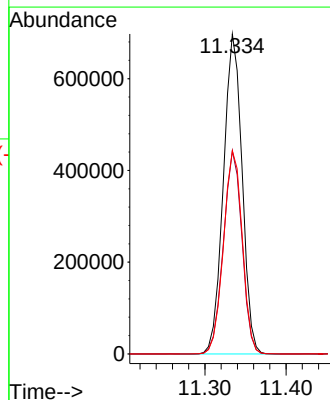
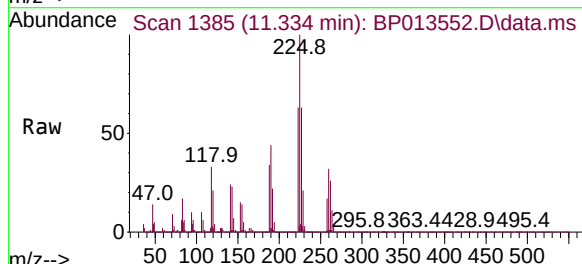
Manual Integrations
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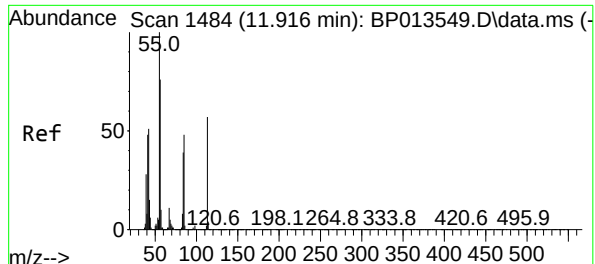
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#34
Hexachlorobutadiene
Concen: 77.881 ng
RT: 11.334 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

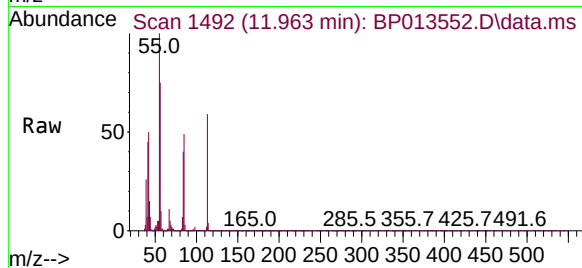
Tgt Ion:225 Resp: 1112644
Ion Ratio Lower Upper
225 100
223 63.5 50.2 75.2
227 63.5 51.4 77.2





#35
Caprolactam
Concen: 95.175 ng m
RT: 11.963 min Scan# 14
Delta R.T. 0.047 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

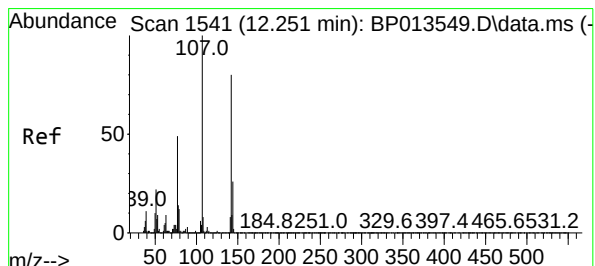
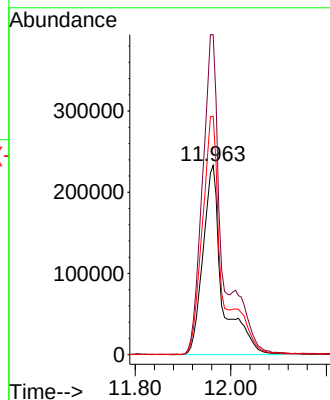
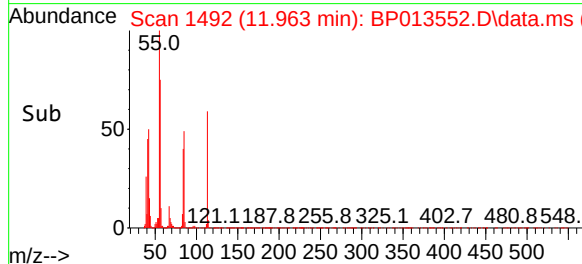
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:113 Resp: 66135
Ion Ratio Lower Upper
113 100
55 169.1 156.5 196.5
56 126.1 113.5 153.5

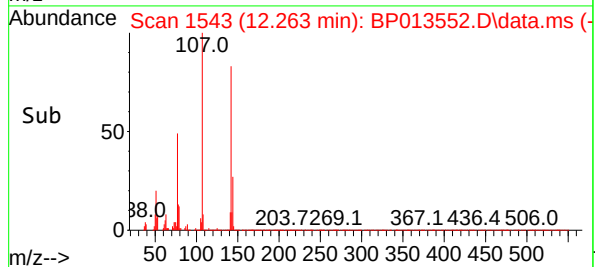
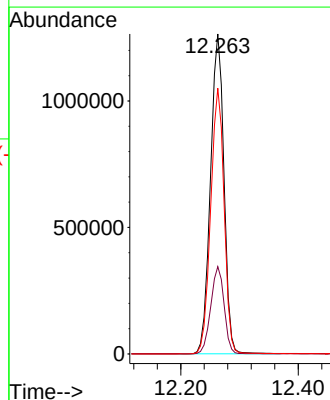
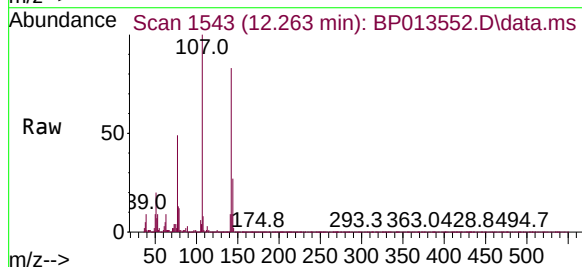
Manual Integrations
APPROVED

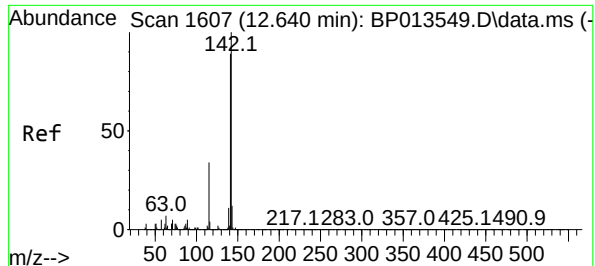
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#36
4-Chloro-3-methylphenol
Concen: 86.004 ng
RT: 12.263 min Scan# 1543
Delta R.T. 0.012 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

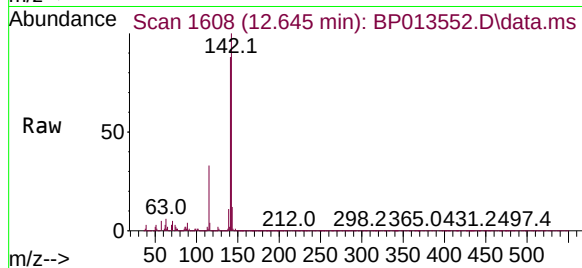
Tgt Ion:107 Resp: 2014885
Ion Ratio Lower Upper
107 100
144 27.3 21.1 31.7
142 83.0 64.0 96.0





#37
2-Methylnaphthalene
Concen: 79.074 ng
RT: 12.645 min Scan# 1607
Delta R.T. 0.006 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

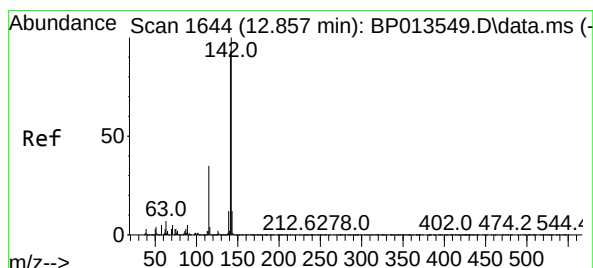
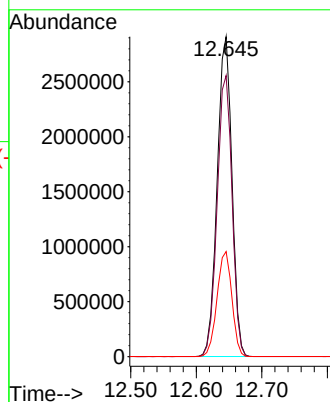
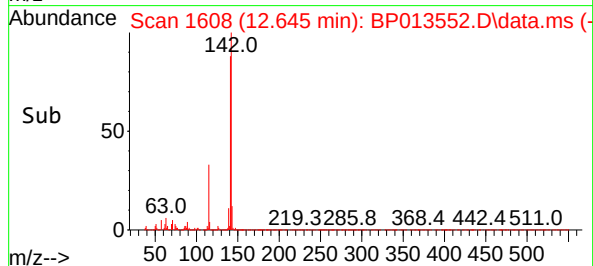
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



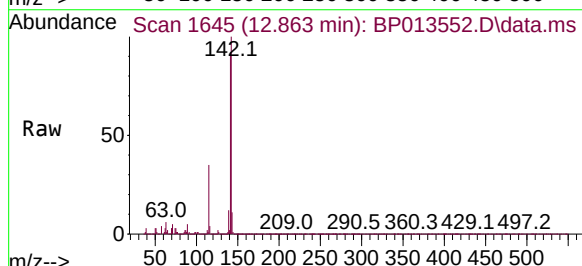
Tgt Ion:142 Resp: 4556380
Ion Ratio Lower Upper
142 100
141 87.8 71.4 107.2
115 32.9 27.4 41.2

Manual Integrations
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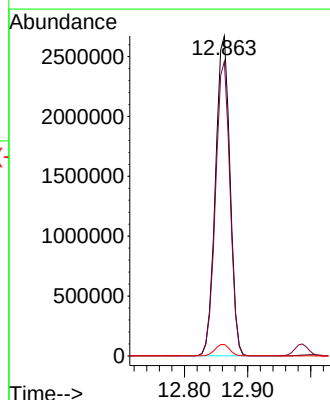
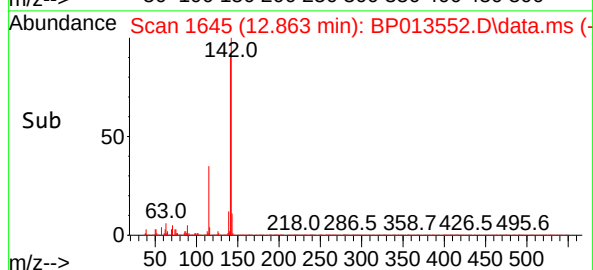
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

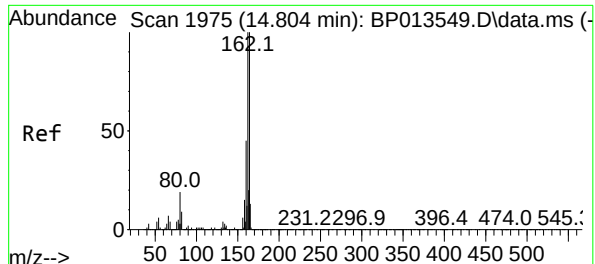


#38
1-Methylnaphthalene
Concen: 78.812 ng
RT: 12.863 min Scan# 1645
Delta R.T. 0.006 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01



Tgt Ion:142 Resp: 4267198
Ion Ratio Lower Upper
142 100
141 92.0 74.3 111.5
116 3.6 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.804 min Scan# 1975

Delta R.T. -0.000 min

Lab File: BP013552.D

Acq: 23 Jan 2023 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:164 Resp: 922906

Ion Ratio Lower Upper

164 100

162 101.5 80.1 120.1

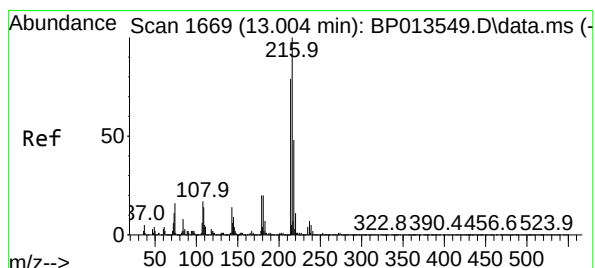
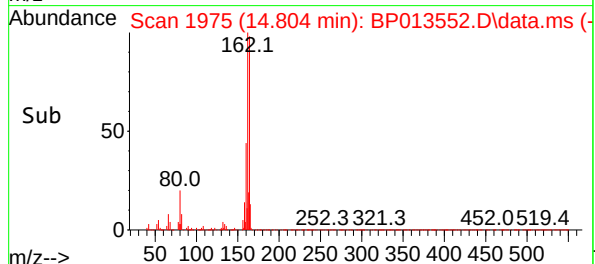
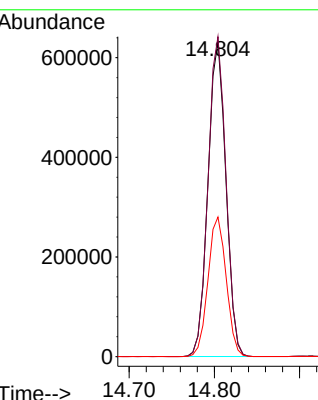
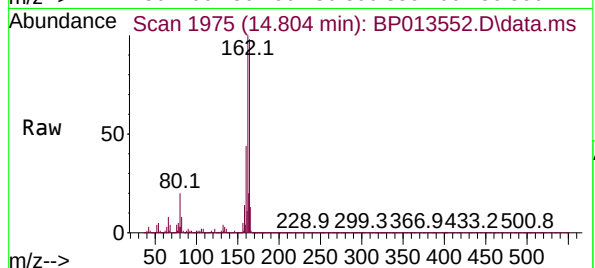
160 44.3 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 76.635 ng

RT: 13.004 min Scan# 1669

Delta R.T. 0.000 min

Lab File: BP013552.D

Acq: 23 Jan 2023 16:01

Tgt Ion:216 Resp: 2177491

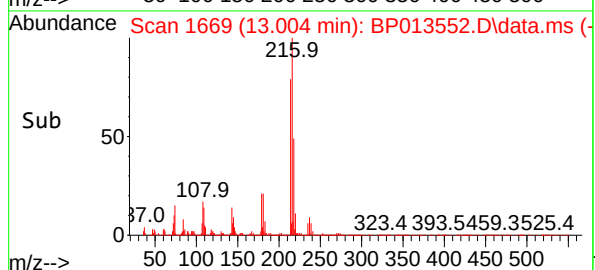
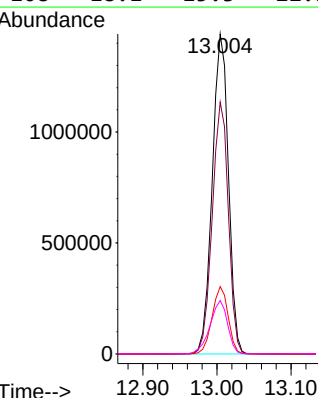
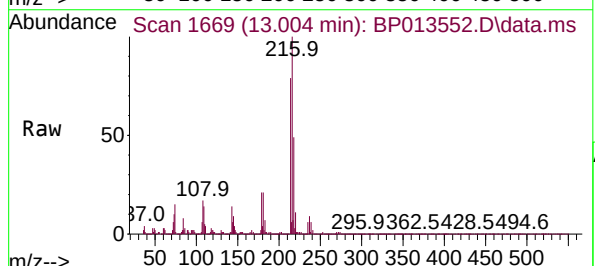
Ion Ratio Lower Upper

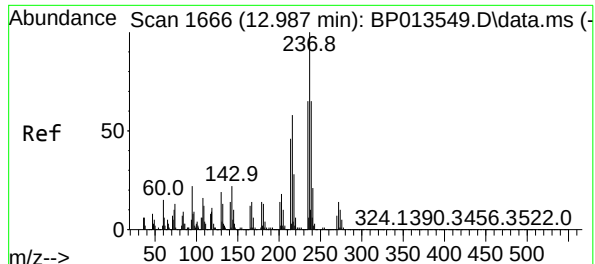
216 100

214 78.5 62.9 94.3

179 20.8 16.6 24.8

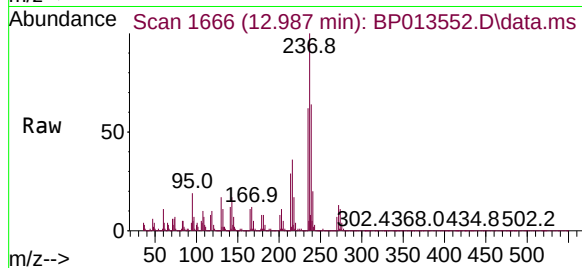
108 18.1 15.3 22.9





#41
Hexachlorocyclopentadiene
Concen: 87.565 ng
RT: 12.987 min Scan# 10
Delta R.T. -0.000 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

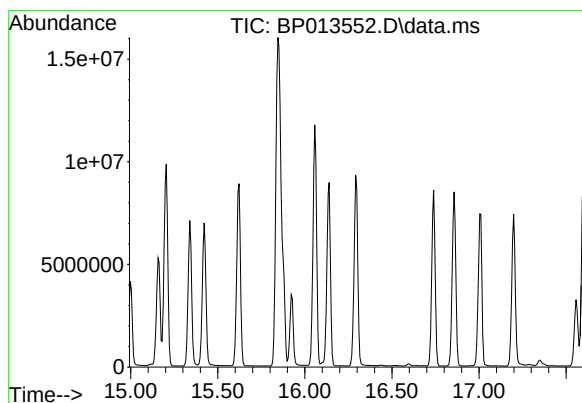
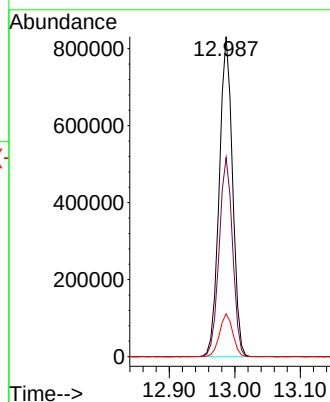
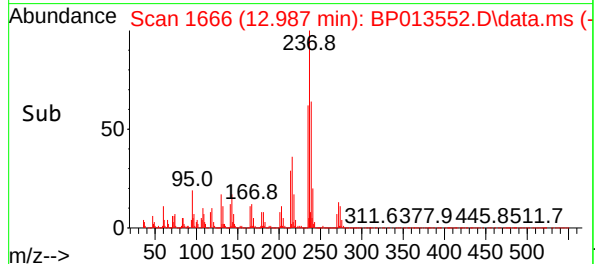
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 237 Resp: 1171233
Ion Ratio Lower Upper
237 100
235 62.2 44.6 84.6
272 13.4 0.0 33.9

Manual Integrations
APPROVED

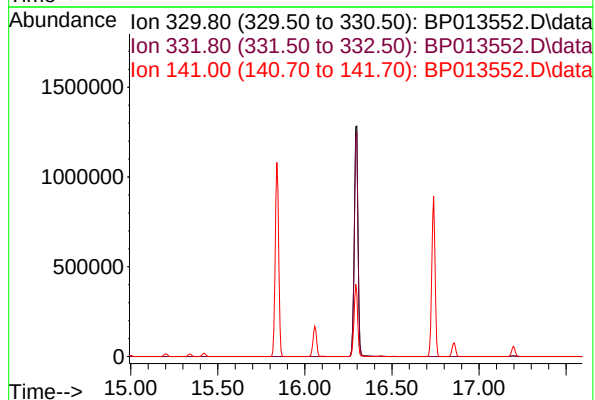
Reviewed By : Christian Giraldo 01/24/2023
Supervised By : Jagrut Upadhyay 01/24/2023

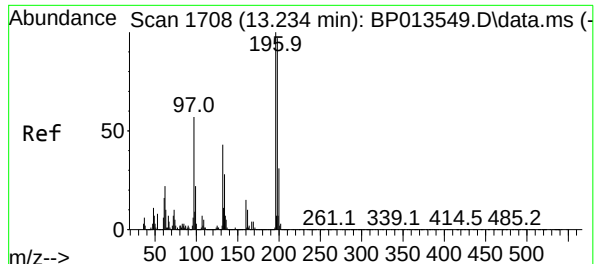


#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 16.29 min

Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

Tgt Ion: 330
Sig Exp Ratio
330 100
332 96.8
141 34.5





#43

2,4,6-Trichlorophenol

Concen: 87.585 ng

RT: 13.240 min Scan# 1709

Delta R.T. 0.006 min

Lab File: BP013552.D

Acq: 23 Jan 2023 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:196 Resp: 145651

Ion Ratio Lower Upper

196 100

198 96.3 77.3 115.9

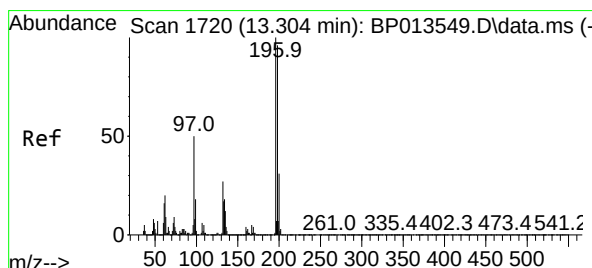
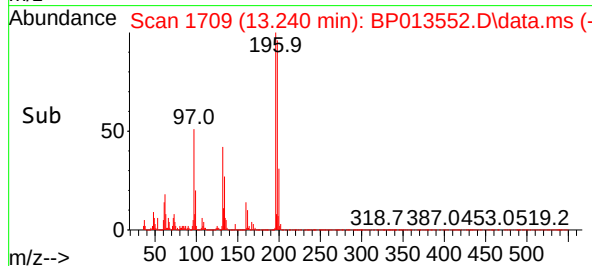
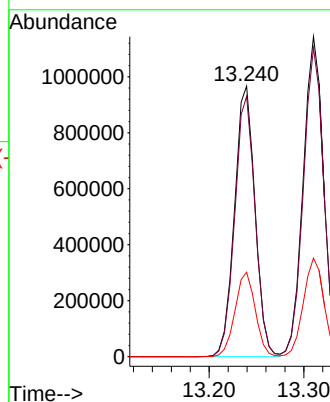
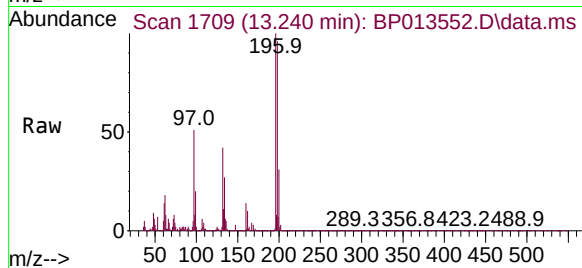
200 31.2 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#44

2,4,5-Trichlorophenol

Concen: 87.401 ng

RT: 13.310 min Scan# 1721

Delta R.T. 0.006 min

Lab File: BP013552.D

Acq: 23 Jan 2023 16:01

Tgt Ion:196 Resp: 1717485

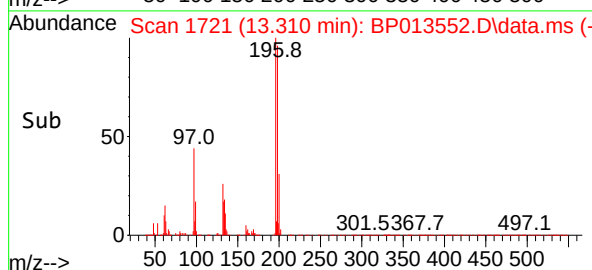
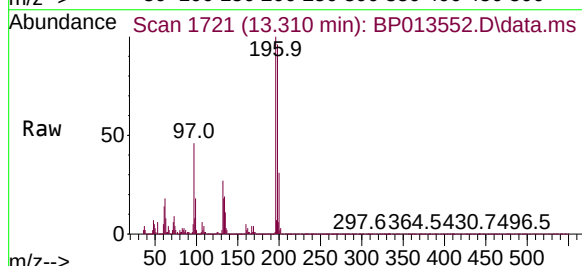
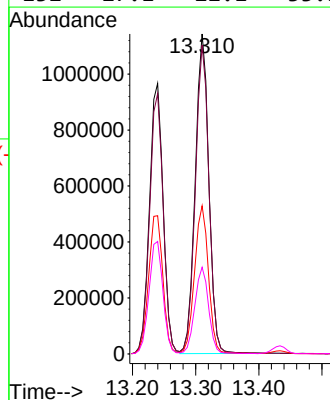
Ion Ratio Lower Upper

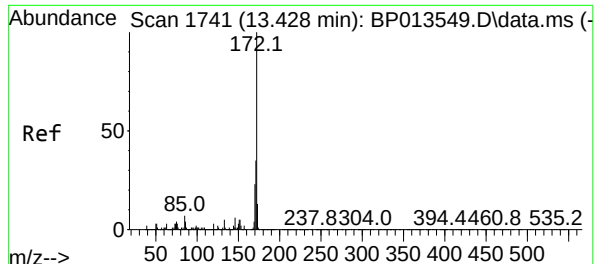
196 100

198 96.5 76.7 115.1

97 46.3 40.0 60.0

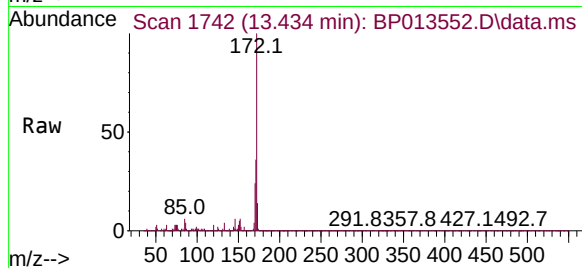
132 27.1 22.1 33.1





#45
2-Fluorobiphenyl
Concen: 142.934 ng
RT: 13.434 min Scan# 1741
Delta R.T. 0.006 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

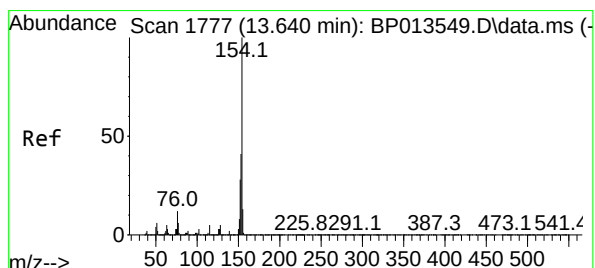
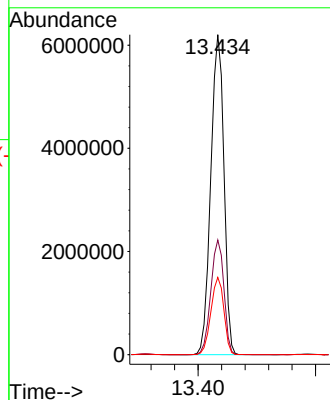
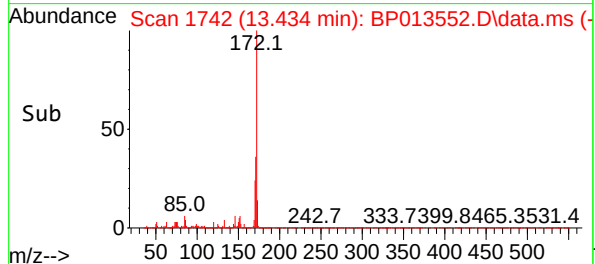
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



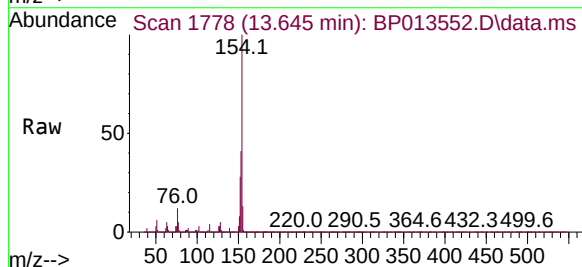
Tgt Ion:172 Resp: 9610226
Ion Ratio Lower Upper
172 100
171 35.8 27.8 41.8
170 24.1 18.6 27.8

Manual Integrations
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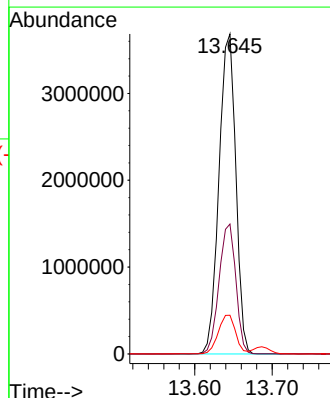
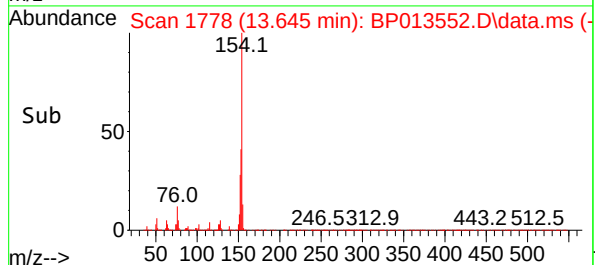
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

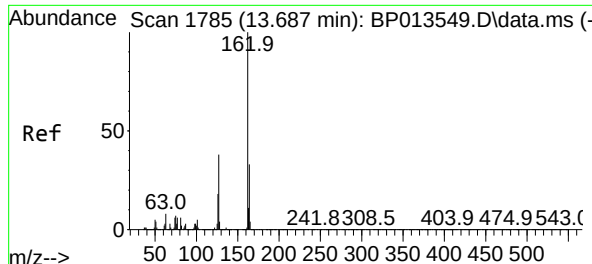


#46
1,1'-Biphenyl
Concen: 74.841 ng
RT: 13.645 min Scan# 1778
Delta R.T. 0.006 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01



Tgt Ion:154 Resp: 5547165
Ion Ratio Lower Upper
154 100
153 40.6 20.5 60.5
76 12.1 0.0 32.1





#47

2-Chloronaphthalene

Concen: 75.558 ng

RT: 13.687 min Scan# 1785

Delta R.T. 0.000 min

Lab File: BP013552.D

Acq: 23 Jan 2023 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:162 Resp: 4195583

Ion Ratio Lower Upper

162 100

127 38.3 30.8 46.2

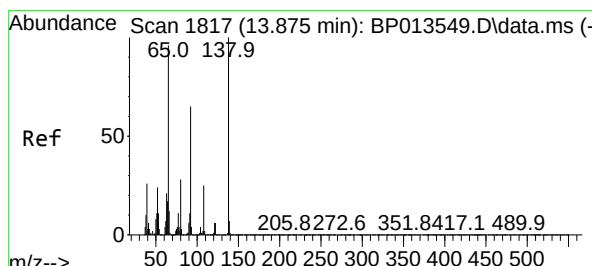
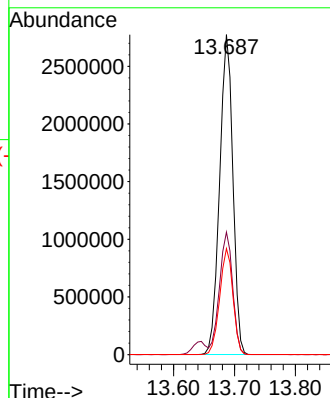
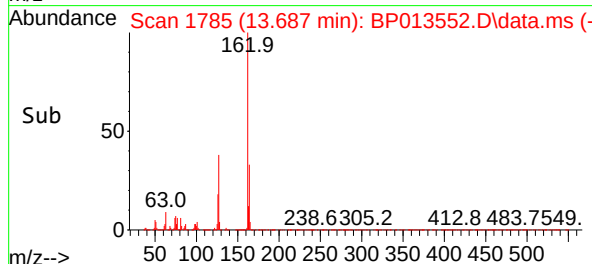
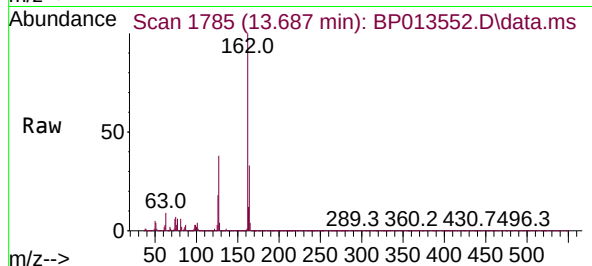
164 33.1 26.2 39.2

Manual Integrations

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Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#48

2-Nitroaniline

Concen: 110.297 ng

RT: 13.887 min Scan# 1819

Delta R.T. 0.012 min

Lab File: BP013552.D

Acq: 23 Jan 2023 16:01

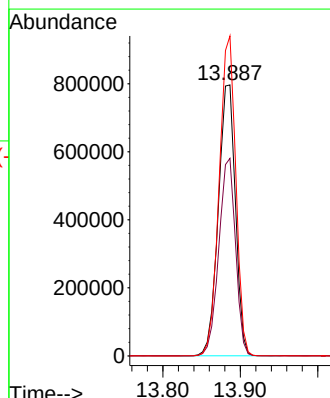
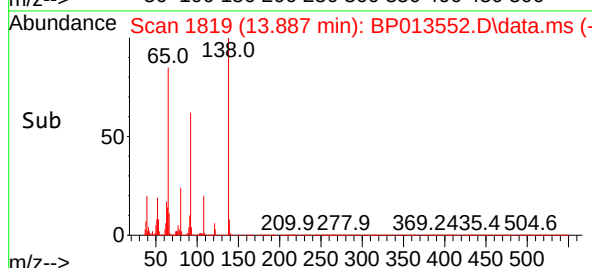
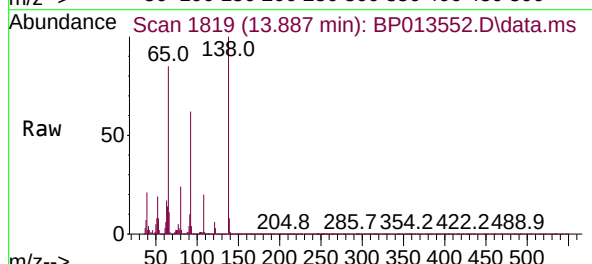
Tgt Ion: 65 Resp: 1225426

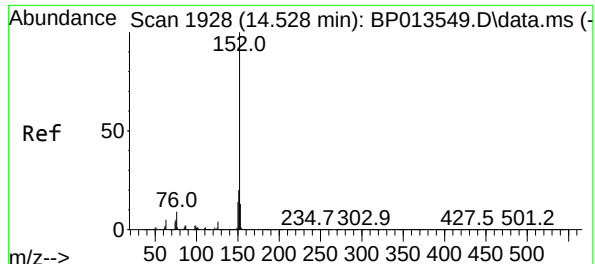
Ion Ratio Lower Upper

65 100

92 72.9 54.1 81.1

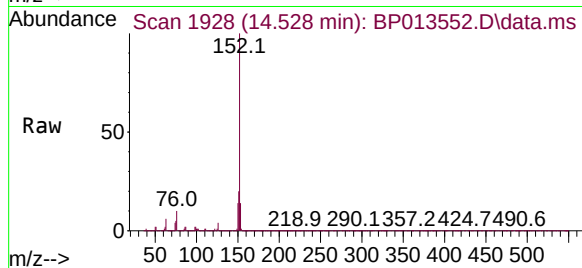
138 118.1 83.6 125.4





#49
Acenaphthylene
Concen: 77.344 ng
RT: 14.528 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

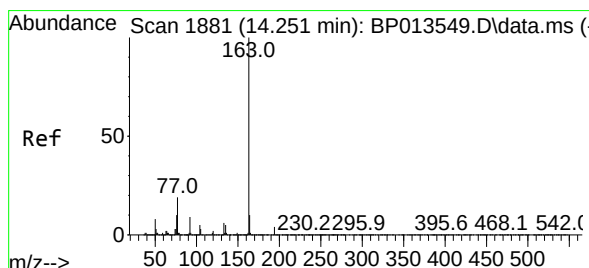
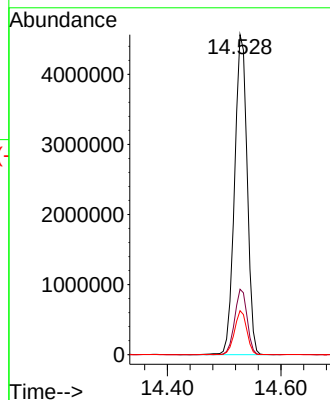
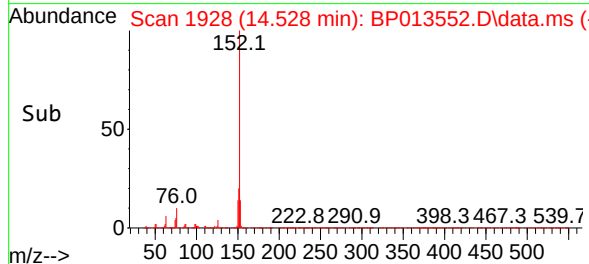
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



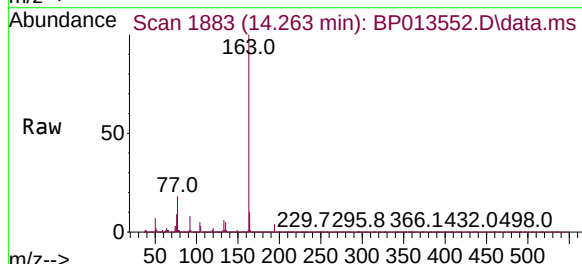
Tgt Ion:152 Resp: 702356
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1
153 13.7 10.1 15.1

Manual Integrations
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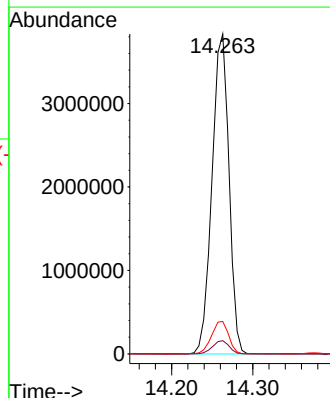
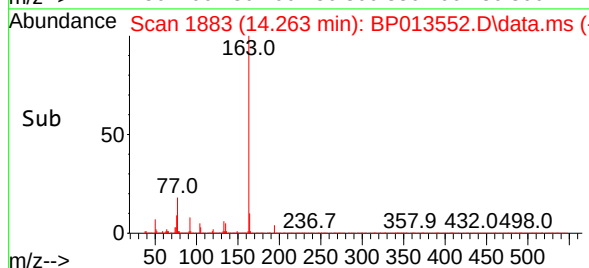
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

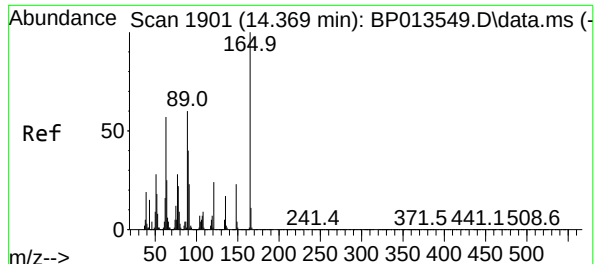


#50
Dimethylphthalate
Concen: 81.012 ng
RT: 14.263 min Scan# 1883
Delta R.T. 0.012 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01



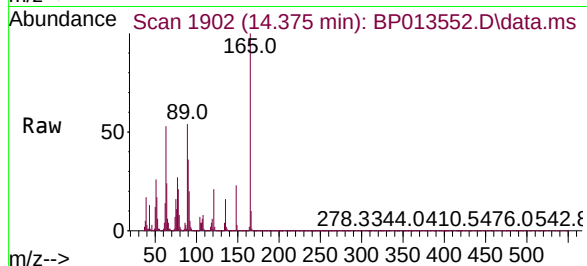
Tgt Ion:163 Resp: 5557745
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.1 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 104.970 ng
RT: 14.375 min Scan# 1901
Delta R.T. 0.006 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

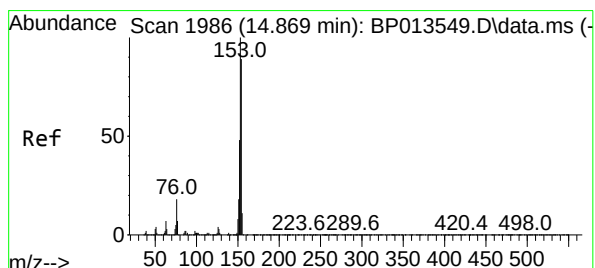
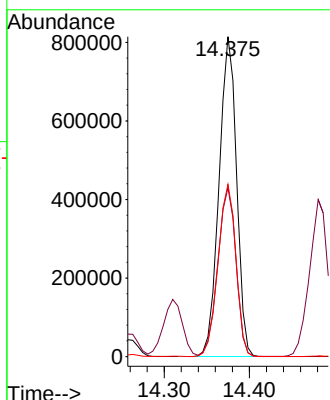
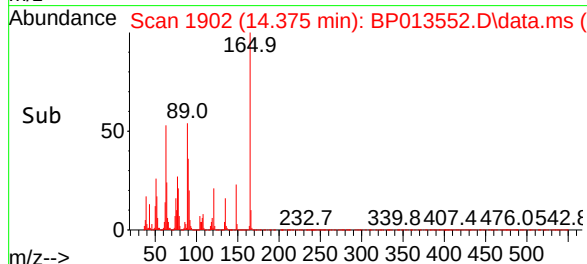
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:165 Resp: 1162764
Ion Ratio Lower Upper
165 100
63 52.8 47.2 70.8
89 53.8 47.8 71.6

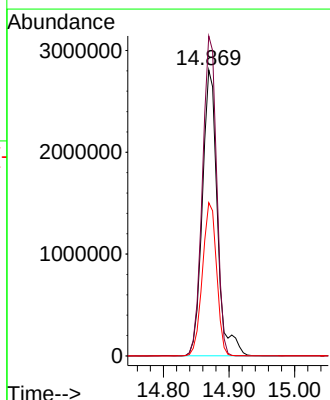
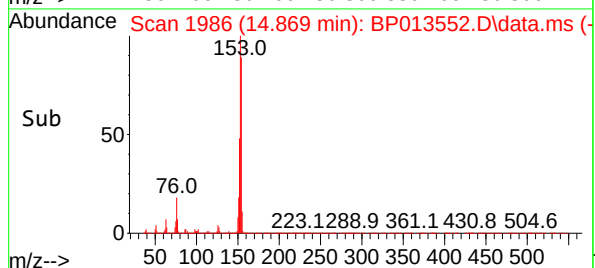
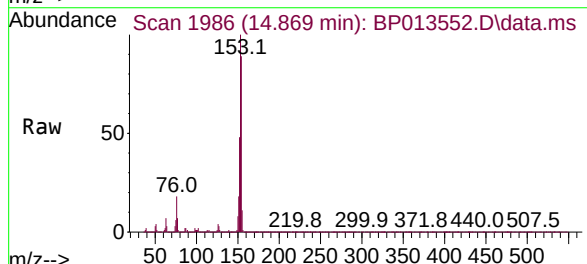
Manual Integrations
APPROVED

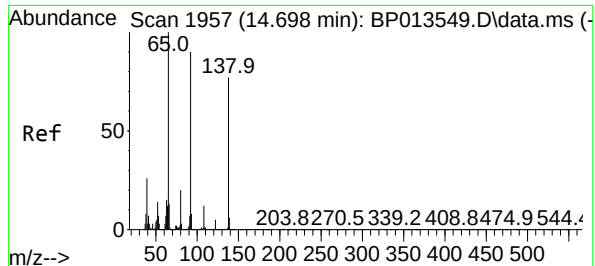
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#52
Acenaphthene
Concen: 79.270 ng
RT: 14.869 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

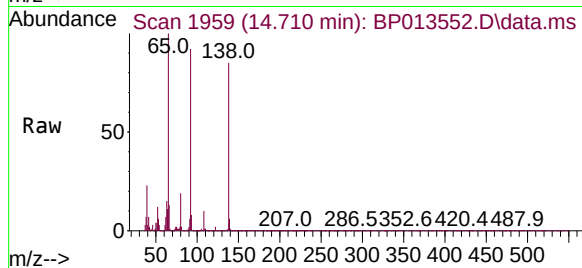
Tgt Ion:154 Resp: 4446596
Ion Ratio Lower Upper
154 100
153 111.9 89.4 134.0
152 53.6 42.7 64.1





#53
3-Nitroaniline
Concen: 106.514 ng
RT: 14.710 min Scan# 1959
Delta R.T. 0.012 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

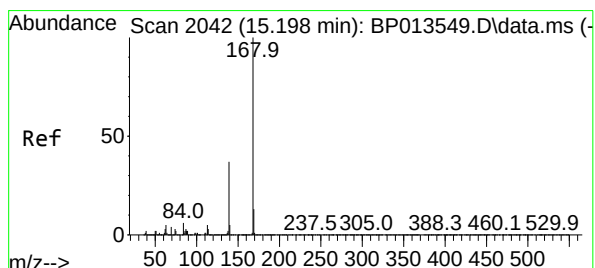
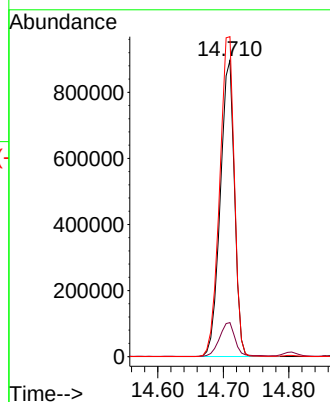
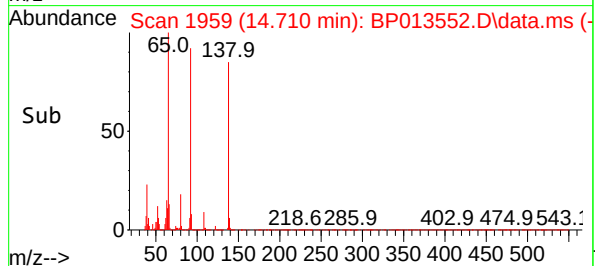
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:138 Resp: 1352760
Ion Ratio Lower Upper
138 100
108 11.5 12.8 19.2
92 108.0 93.3 139.9

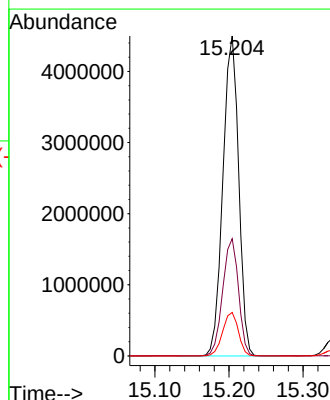
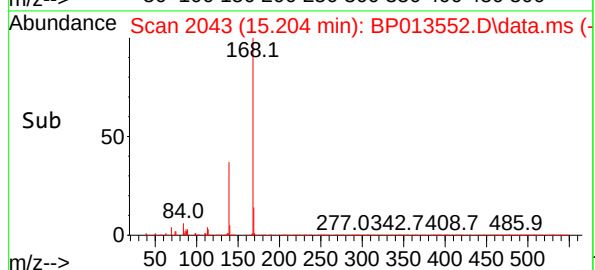
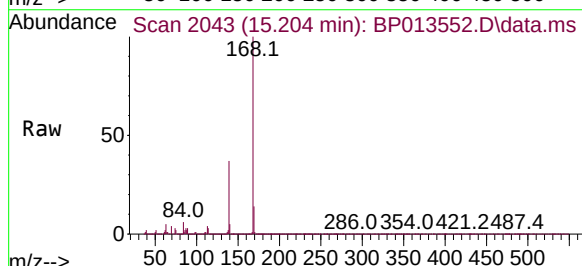
Manual Integrations
APPROVED

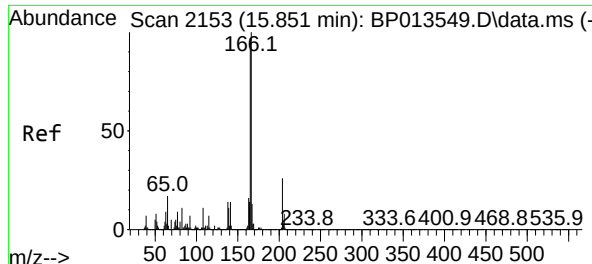
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#55
Dibenzofuran
Concen: 77.116 ng
RT: 15.204 min Scan# 2043
Delta R.T. 0.006 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

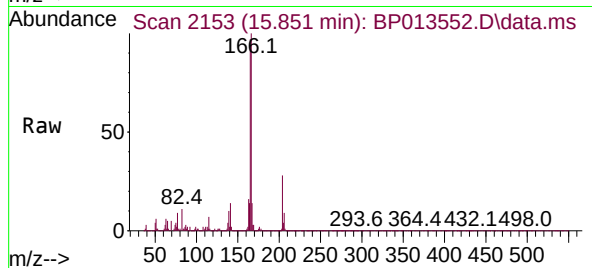
Tgt Ion:168 Resp: 6633211
Ion Ratio Lower Upper
168 100
139 36.6 29.9 44.9
169 13.6 10.7 16.1





#58
Fluorene
Concen: 76.702 ng
RT: 15.851 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

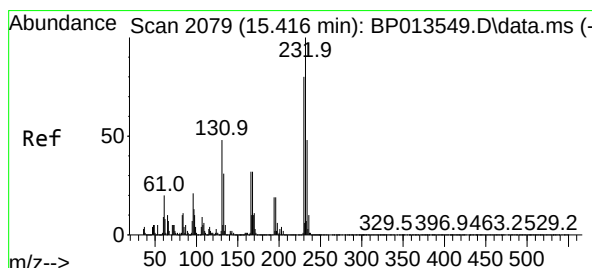
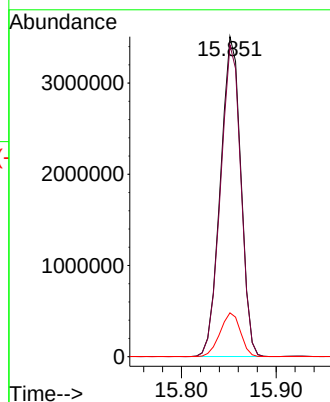
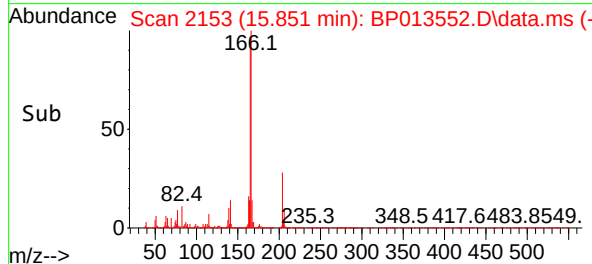
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:166 Resp: 5243932
Ion Ratio Lower Upper
166 100
165 97.4 77.8 116.8
167 13.7 10.7 16.1

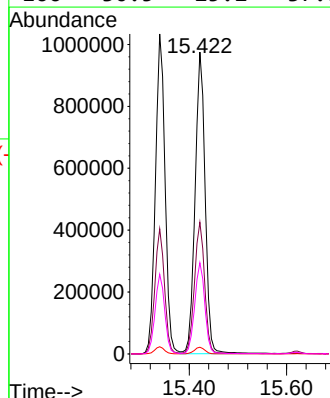
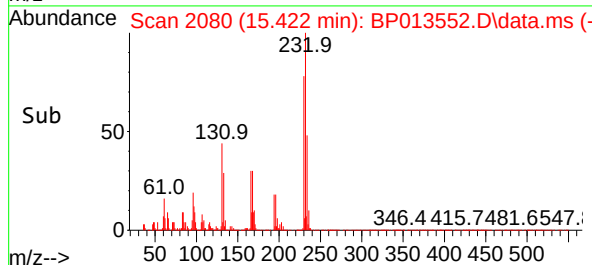
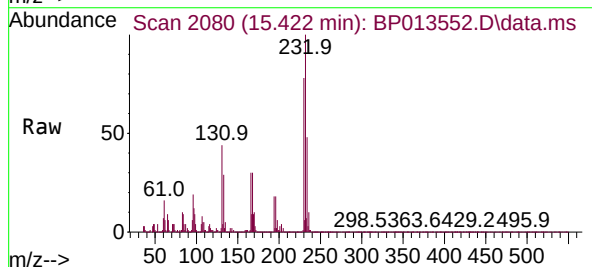
Manual Integrations
APPROVED

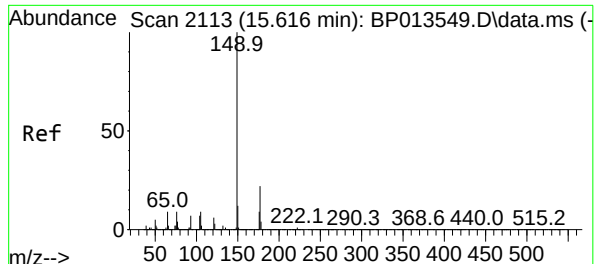
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#59
2,3,4,6-Tetrachlorophenol
Concen: 92.166 ng
RT: 15.422 min Scan# 2080
Delta R.T. 0.006 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

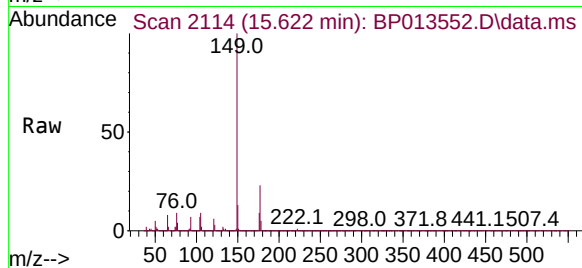
Tgt Ion:232 Resp: 1390673
Ion Ratio Lower Upper
232 100
131 44.0 37.1 55.7
130 2.3 1.9 2.9
166 30.5 25.2 37.8





#60
Diethylphthalate
Concen: 83.499 ng
RT: 15.622 min Scan# 2114
Delta R.T. 0.006 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

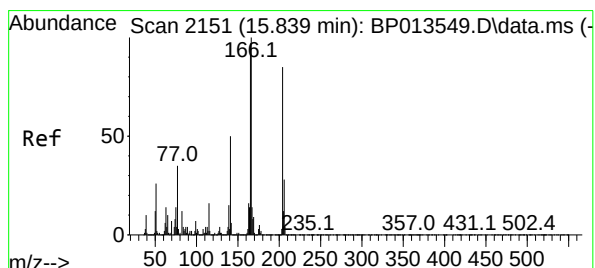
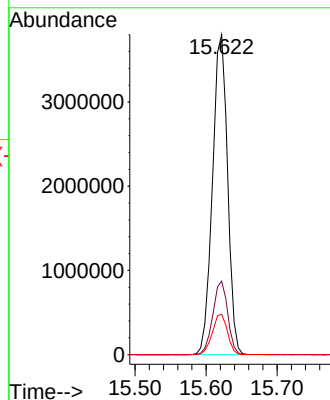
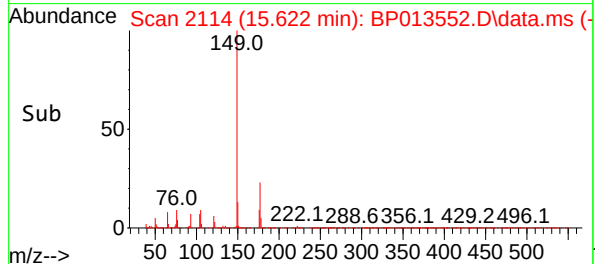
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 559485
Ion Ratio Lower Upper
149 100
177 23.0 17.8 26.6
150 12.6 9.8 14.6

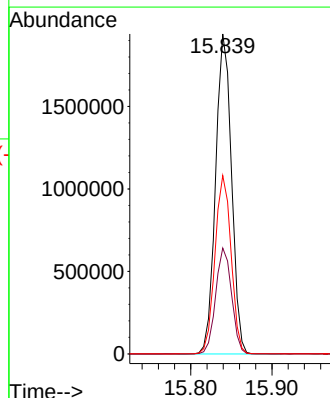
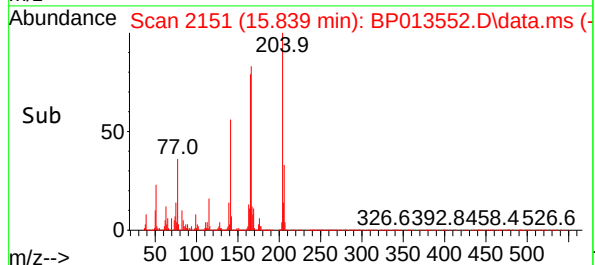
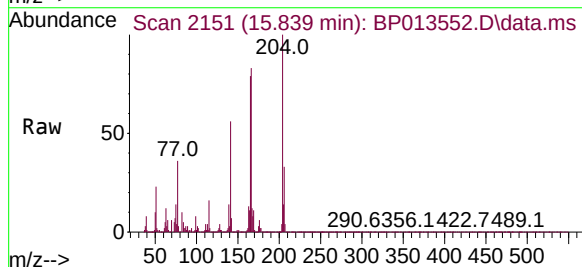
Manual Integrations
APPROVED

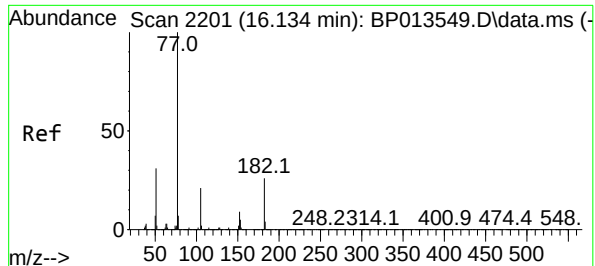
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#61
4-Chlorophenyl-phenylether
Concen: 78.446 ng
RT: 15.839 min Scan# 2151
Delta R.T. 0.000 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

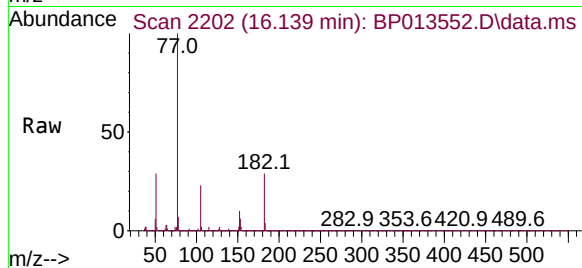
Tgt Ion:204 Resp: 2637118
Ion Ratio Lower Upper
204 100
206 33.1 26.6 39.8
141 55.7 47.0 70.4





#63
Azobenzene
Concen: 77.842 ng
RT: 16.139 min Scan# 2201
Delta R.T. 0.006 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

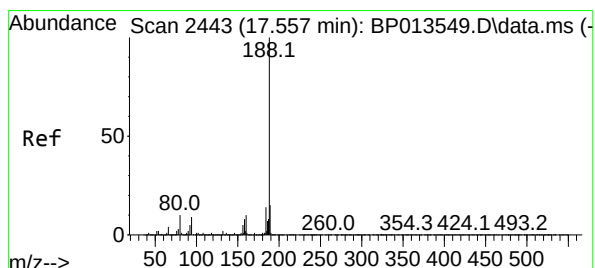
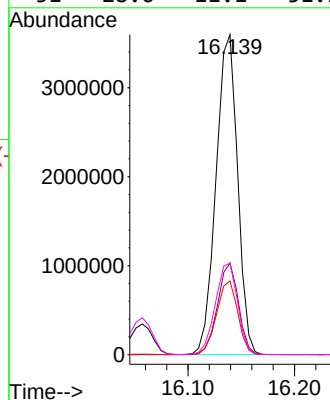
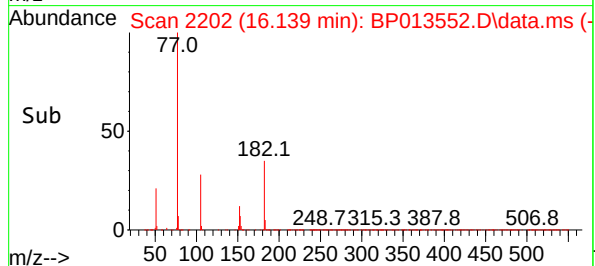
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 77 Resp: 5068227
Ion Ratio Lower Upper
77 100
182 28.6 5.5 45.5
105 23.0 1.4 41.4
51 28.6 11.1 51.1

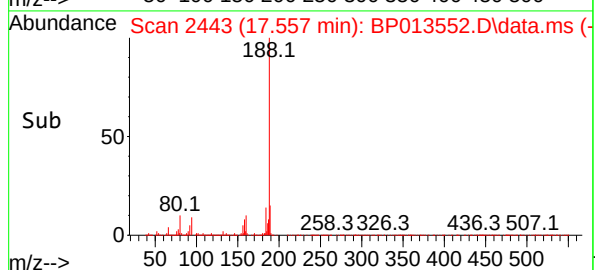
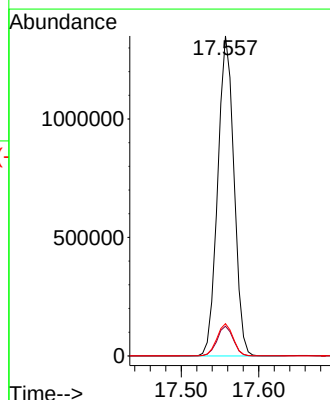
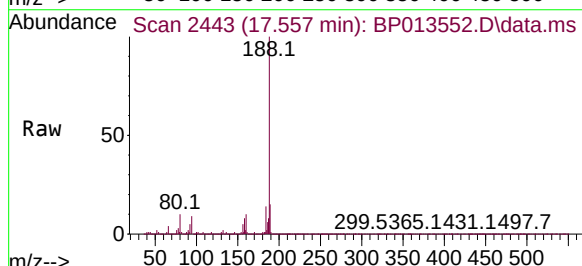
Manual Integrations
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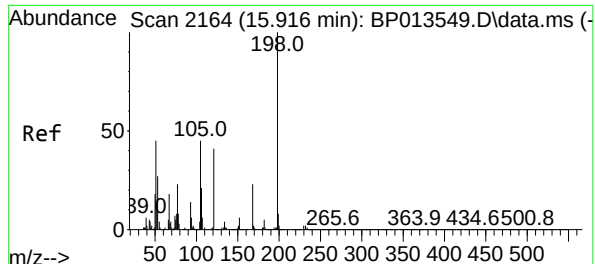
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.557 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

Tgt Ion:188 Resp: 1967034
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 10.1 8.2 12.2





#65

4,6-Dinitro-2-methylphenol

Concen: 123.907 ng

RT: 15.928 min Scan# 2164

Delta R.T. 0.012 min

Lab File: BP013552.D

Acq: 23 Jan 2023 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:198 Resp: 704391

Ion Ratio Lower Upper

198 100

51 40.8 30.4 70.4

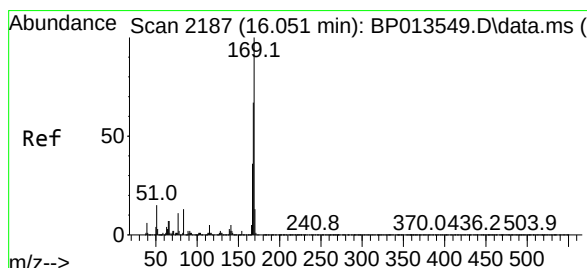
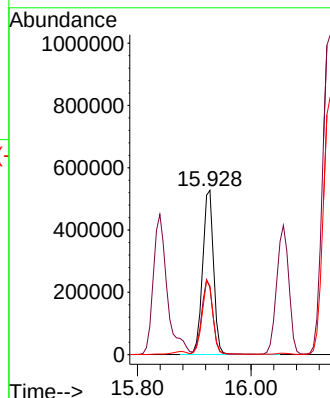
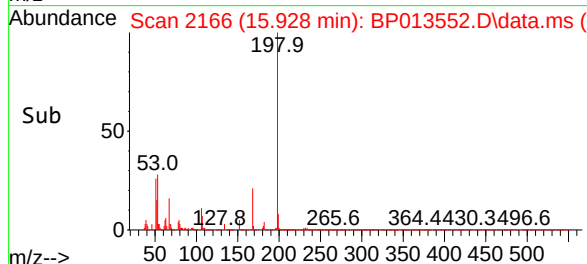
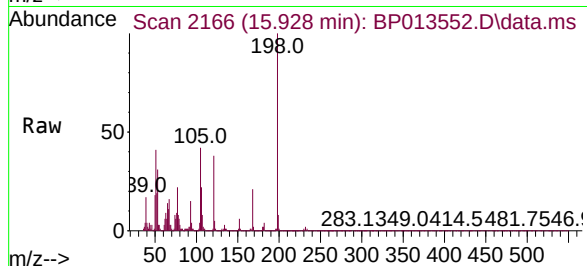
105 41.8 26.4 66.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#66

n-Nitrosodiphenylamine

Concen: 74.130 ng

RT: 16.057 min Scan# 2188

Delta R.T. 0.006 min

Lab File: BP013552.D

Acq: 23 Jan 2023 16:01

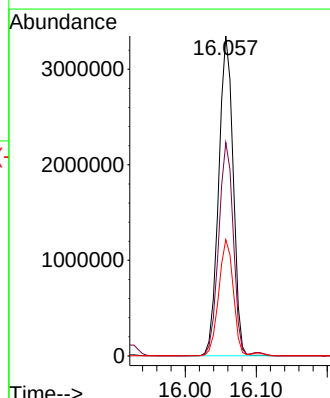
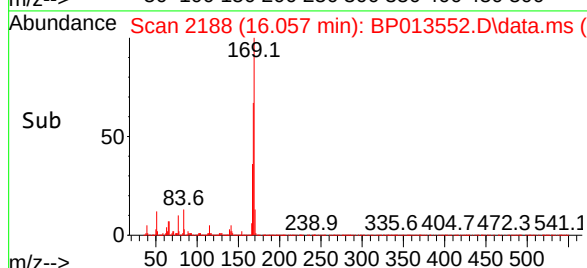
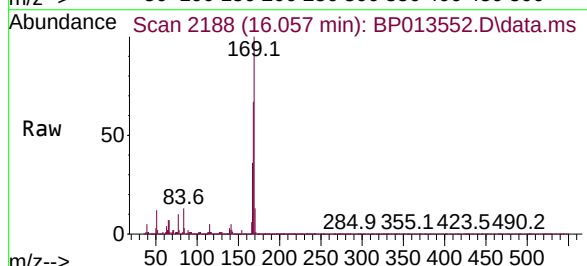
Tgt Ion:169 Resp: 4755224

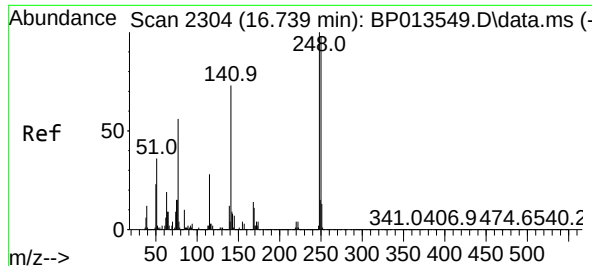
Ion Ratio Lower Upper

169 100

168 66.7 54.0 81.0

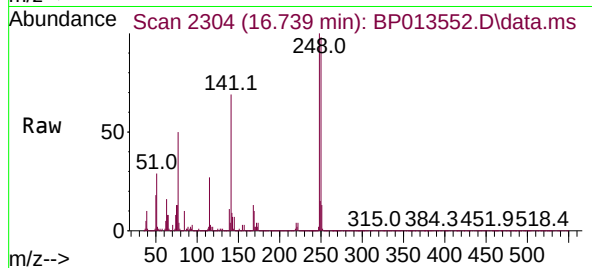
167 36.3 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 78.133 ng
RT: 16.739 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

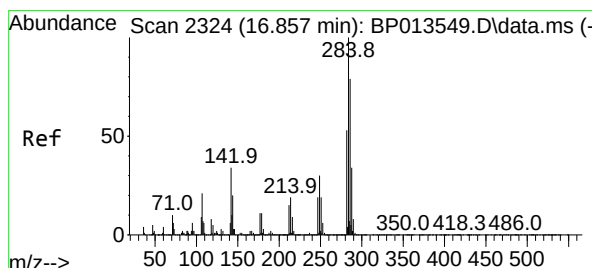
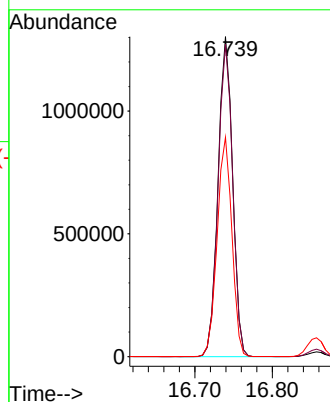
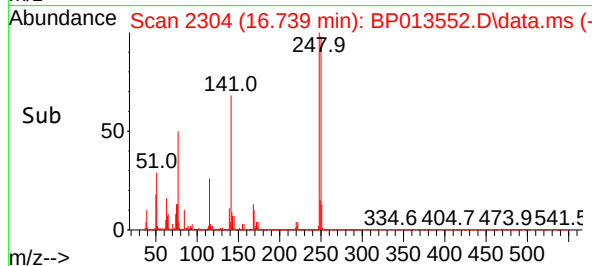
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:248 Resp: 1702428
Ion Ratio Lower Upper
248 100
250 97.6 78.1 117.1
141 68.5 58.1 87.1

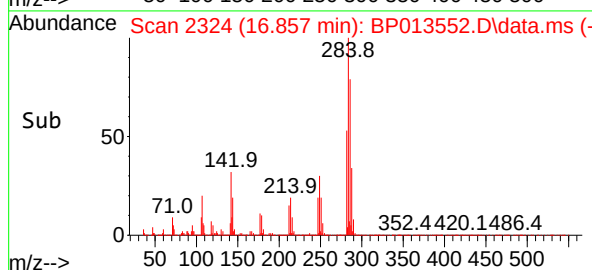
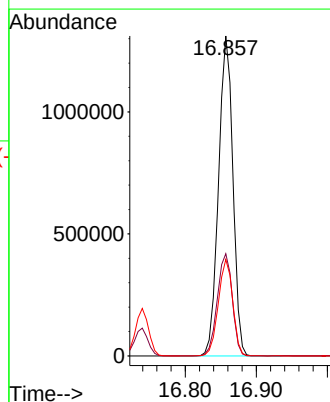
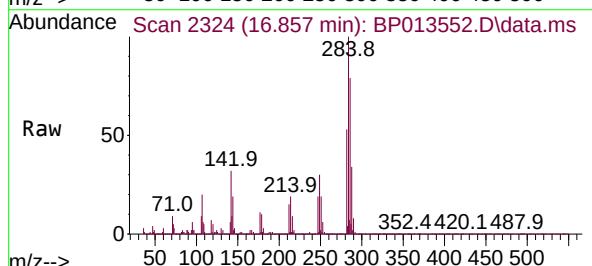
Manual Integrations
APPROVED

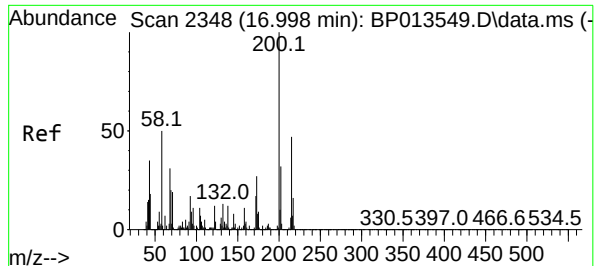
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#68
Hexachlorobenzene
Concen: 78.454 ng
RT: 16.857 min Scan# 2324
Delta R.T. -0.000 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

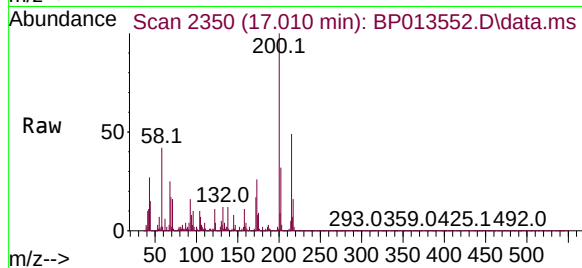
Tgt Ion:284 Resp: 1846450
Ion Ratio Lower Upper
284 100
142 31.9 27.3 40.9
249 30.1 24.0 36.0





#69
Atrazine
Concen: 80.832 ng
RT: 17.010 min Scan# 2348
Delta R.T. 0.012 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

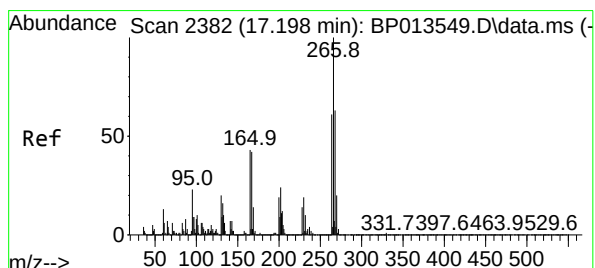
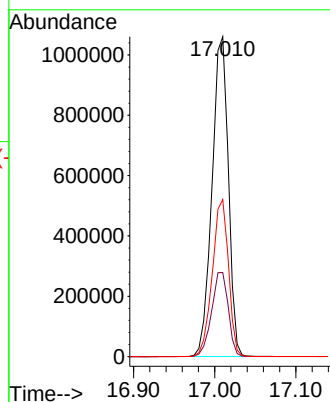
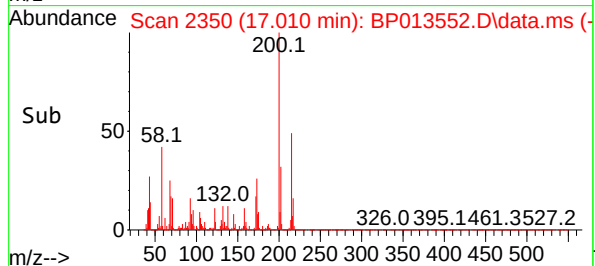
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:200 Resp: 1483580
Ion Ratio Lower Upper
200 100
173 26.3 7.2 47.2
215 49.1 27.3 67.3

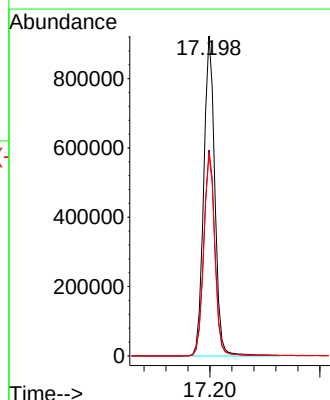
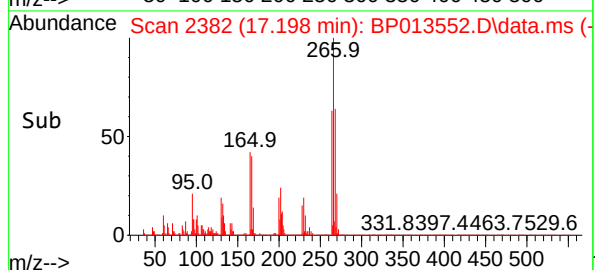
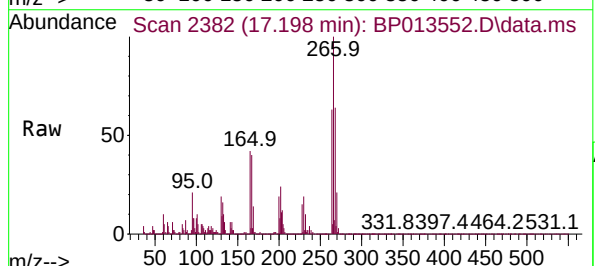
Manual Integrations
APPROVED

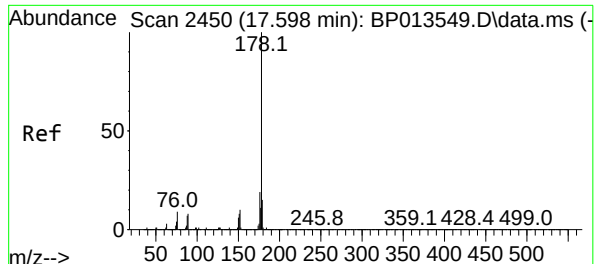
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#70
Pentachlorophenol
Concen: 93.737 ng
RT: 17.198 min Scan# 2382
Delta R.T. 0.000 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

Tgt Ion:266 Resp: 1284864
Ion Ratio Lower Upper
266 100
268 64.4 50.7 76.1
264 63.0 48.9 73.3





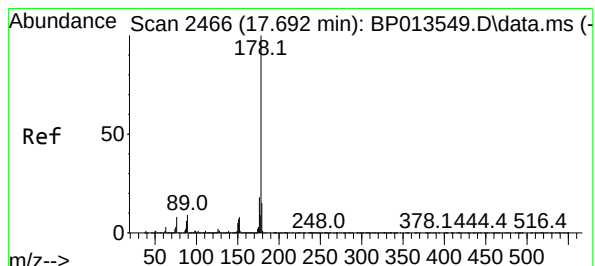
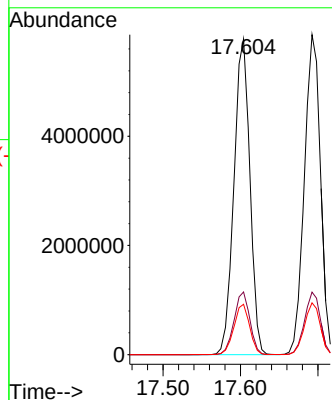
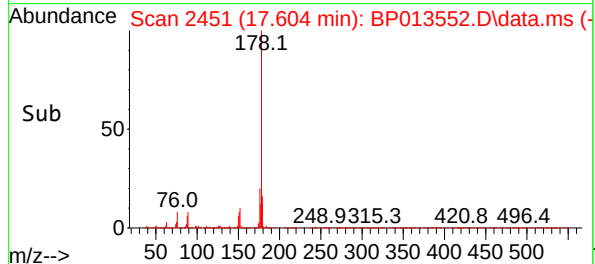
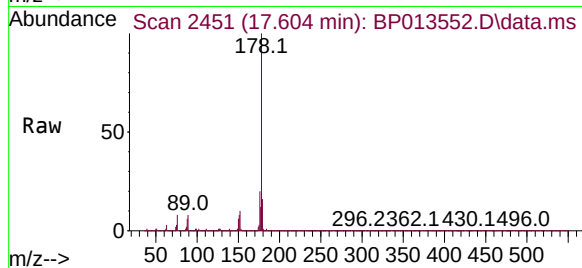
#71
Phenanthrene
Concen: 75.690 ng
RT: 17.604 min Scan# 2450
Delta R.T. 0.006 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:178 Resp: 8283768
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 15.9 12.2 18.4

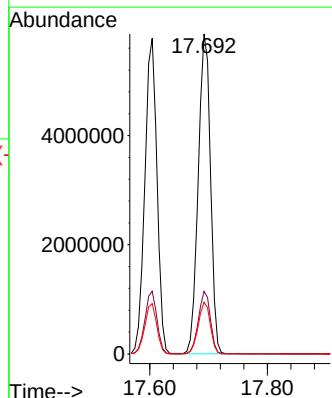
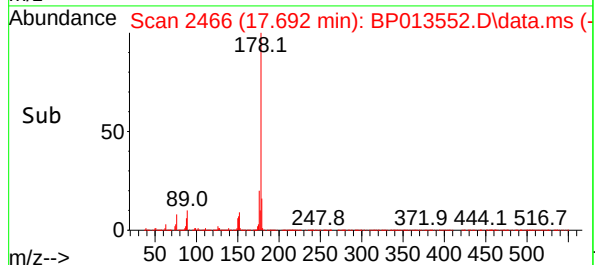
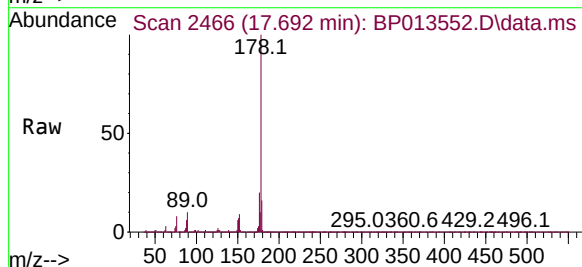
Manual Integrations
APPROVED

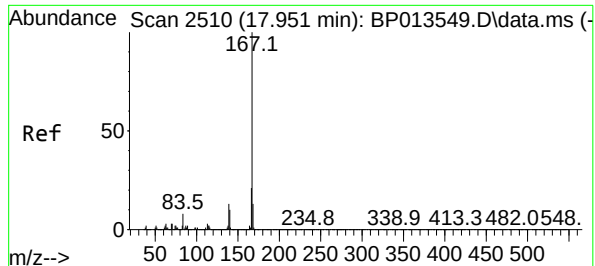
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#72
Anthracene
Concen: 76.168 ng
RT: 17.692 min Scan# 2466
Delta R.T. -0.000 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

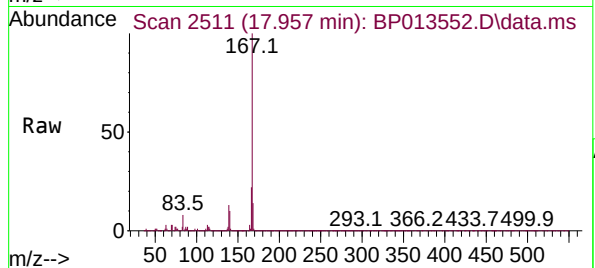
Tgt Ion:178 Resp: 8460641
Ion Ratio Lower Upper
178 100
176 19.5 14.6 22.0
179 16.2 12.3 18.5





#73
Carbazole
Concen: 79.000 ng
RT: 17.957 min Scan# 2511
Delta R.T. 0.006 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

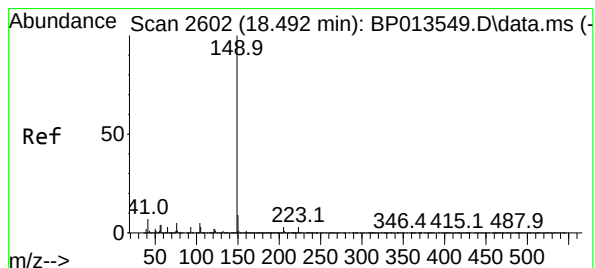
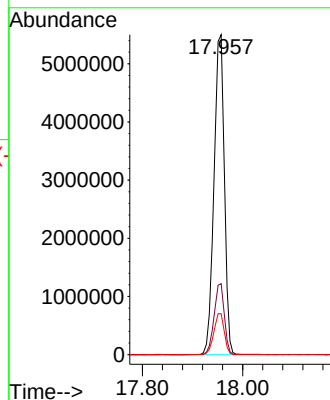
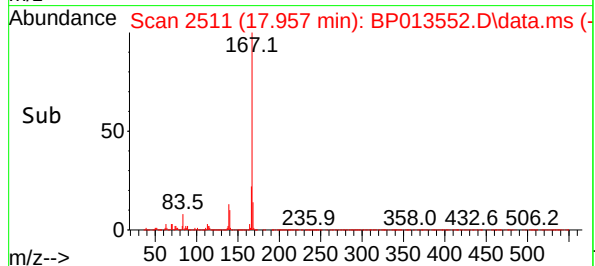
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:167 Resp: 7886049
Ion Ratio Lower Upper
167 100
166 22.2 17.2 25.8
139 12.8 10.3 15.5

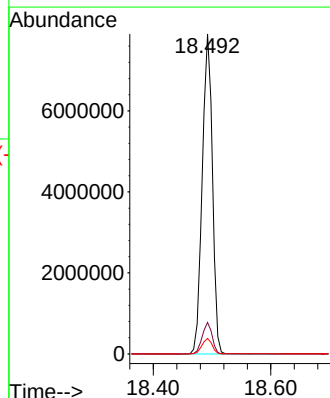
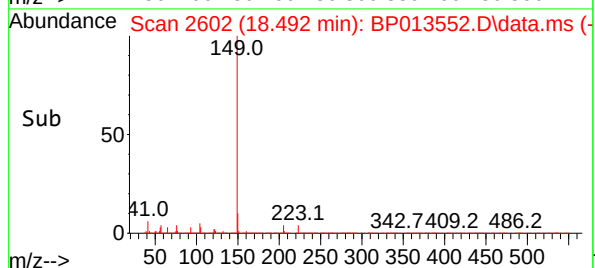
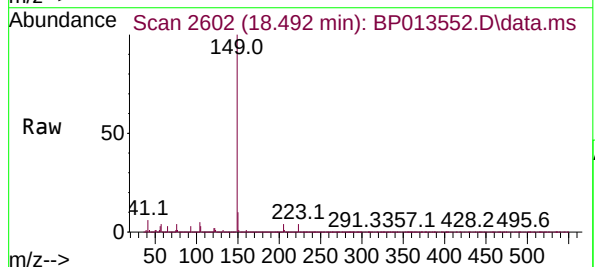
Manual Integrations
APPROVED

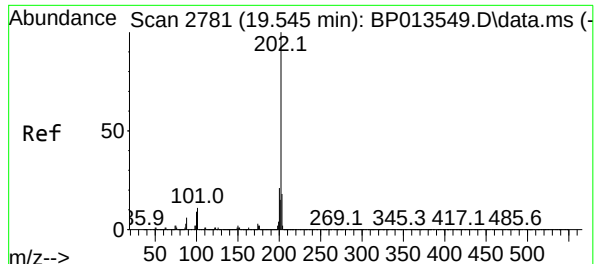
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#74
Di-n-butylphthalate
Concen: 85.247 ng
RT: 18.492 min Scan# 2602
Delta R.T. 0.000 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

Tgt Ion:149 Resp: 9471020
Ion Ratio Lower Upper
149 100
150 9.8 7.4 11.0
104 4.8 3.9 5.9





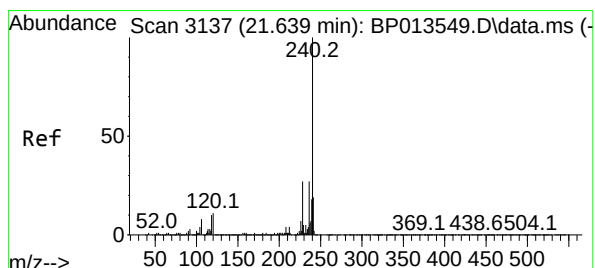
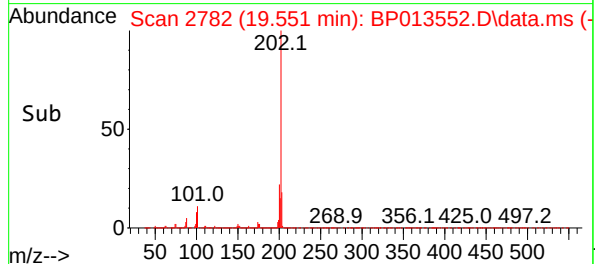
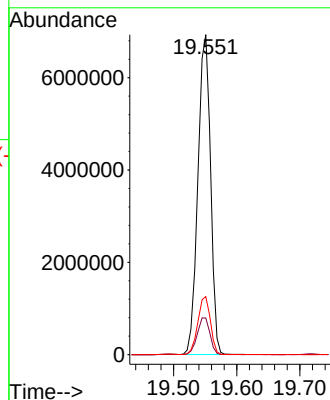
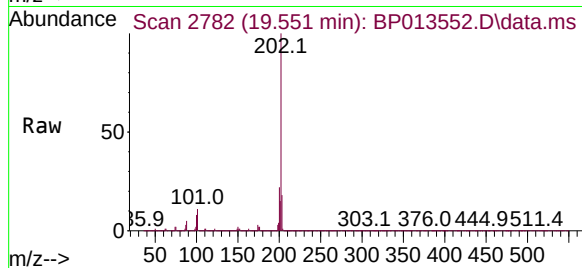
#75
Fluoranthene
Concen: 82.762 ng
RT: 19.551 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:202 Resp: 9632193
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.4
203 18.1 0.0 37.9

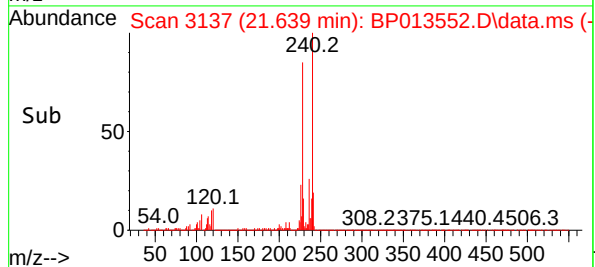
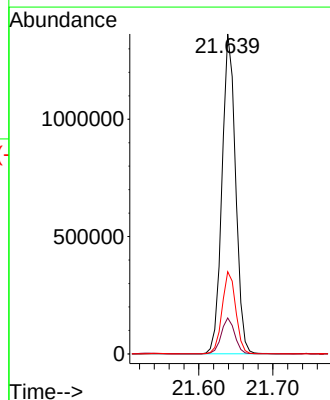
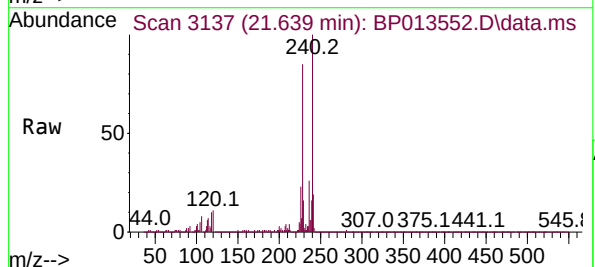
Manual Integrations
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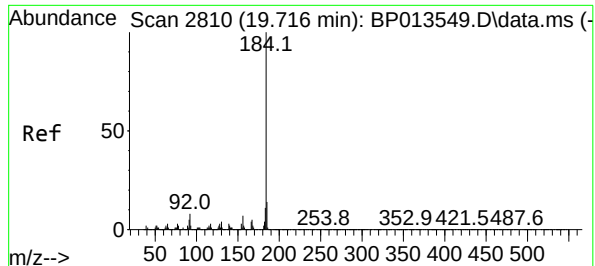
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.639 min Scan# 3137
Delta R.T. -0.000 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

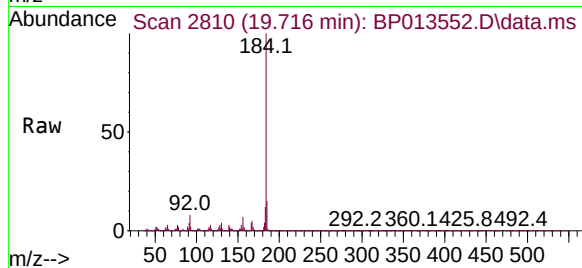
Tgt Ion:240 Resp: 1733912
Ion Ratio Lower Upper
240 100
120 11.2 8.6 13.0
236 25.7 21.3 31.9





#77
Benzidine
Concen: 77.546 ng
RT: 19.716 min Scan# 2810
Delta R.T. 0.000 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

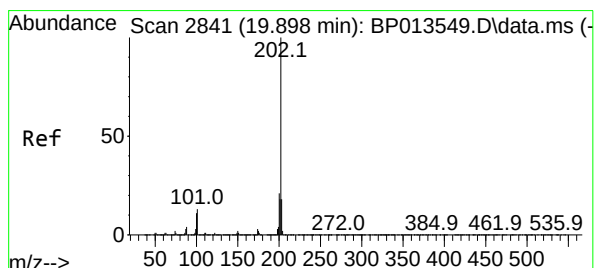
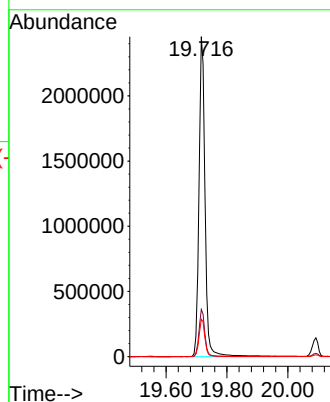
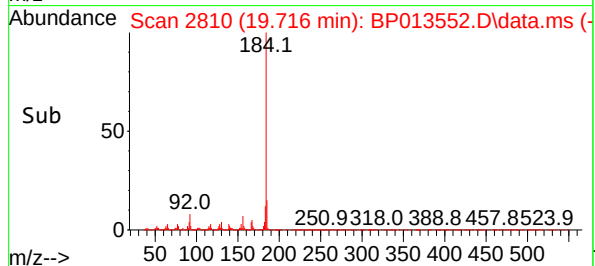
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



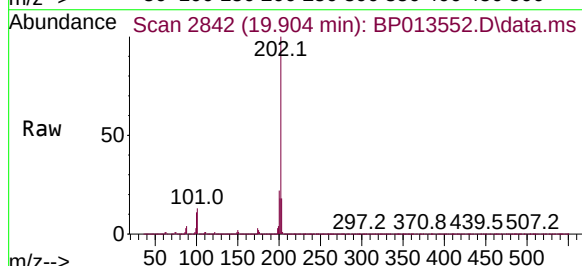
Tgt Ion:184 Resp: 3381682
Ion Ratio Lower Upper
184 100
185 14.7 11.5 17.3
183 11.7 9.0 13.6

Manual Integrations
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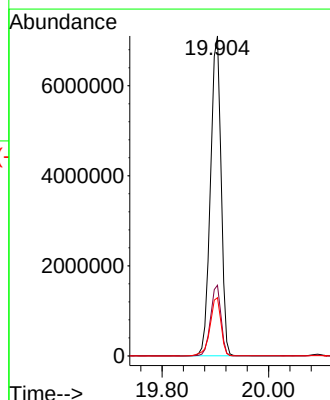
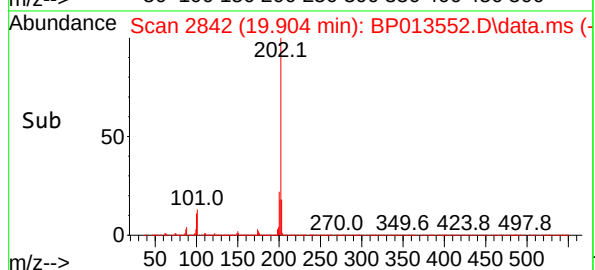
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

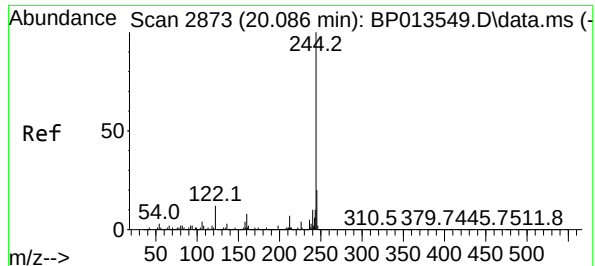


#78
Pyrene
Concen: 74.191 ng
RT: 19.904 min Scan# 2842
Delta R.T. 0.006 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01



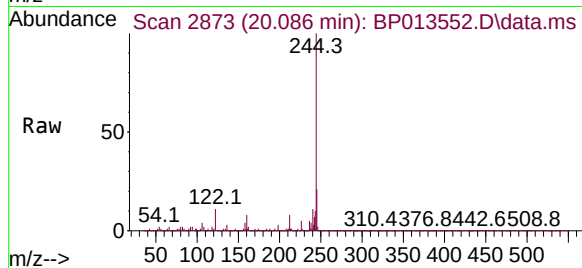
Tgt Ion:202 Resp: 9836233
Ion Ratio Lower Upper
202 100
200 22.1 17.0 25.6
203 18.2 14.2 21.2





#79
 Terphenyl-d14
 Concen: 135.339 ng
 RT: 20.086 min Scan# 2873
 Delta R.T. 0.000 min
 Lab File: BP013552.D
 Acq: 23 Jan 2023 16:01

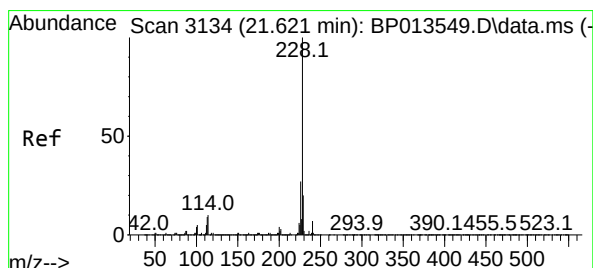
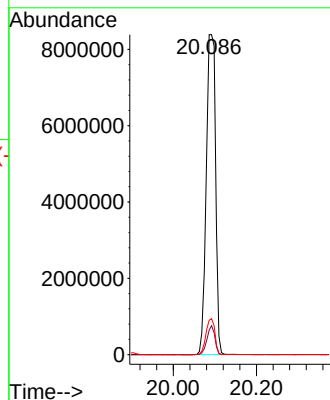
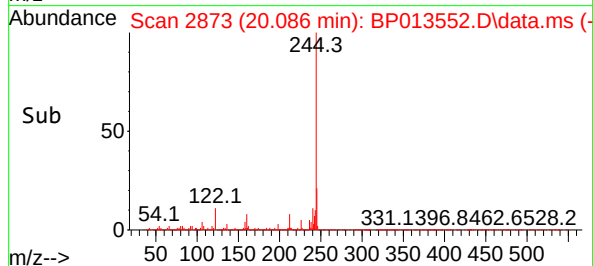
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080



Tgt Ion:244 Resp:13044289
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.4 8.2
 122 10.7 9.2 13.8

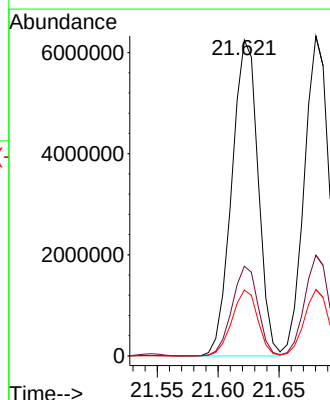
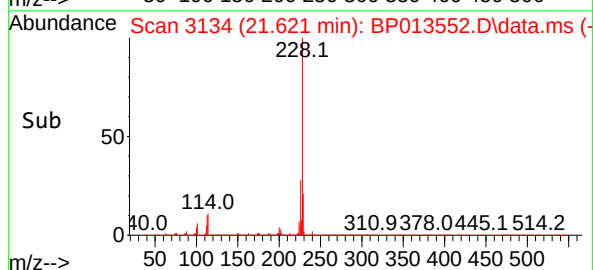
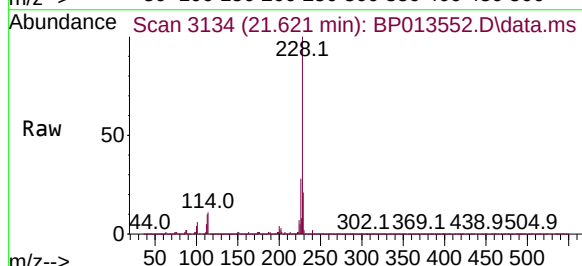
Manual Integrations
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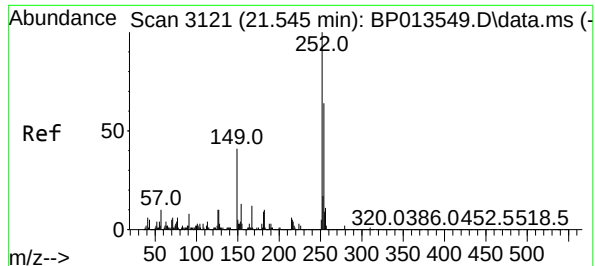
Reviewed By :Christian Giraldo 01/24/2023
 Supervised By :Jagrut Upadhyay 01/24/2023



#81
 Benzo(a)anthracene
 Concen: 77.785 ng
 RT: 21.621 min Scan# 3134
 Delta R.T. 0.000 min
 Lab File: BP013552.D
 Acq: 23 Jan 2023 16:01

Tgt Ion:228 Resp: 9396042
 Ion Ratio Lower Upper
 228 100
 226 28.4 21.8 32.8
 229 20.8 15.8 23.6





#82

3,3'-Dichlorobenzidine

Concen: 83.120 ng

RT: 21.545 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BP013552.D

Acq: 23 Jan 2023 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 3235052

Ion Ratio Lower Upper

252 100

254 64.7 51.4 77.0

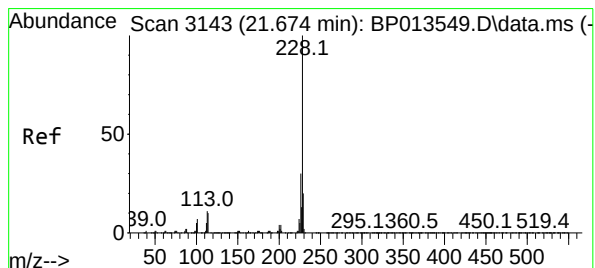
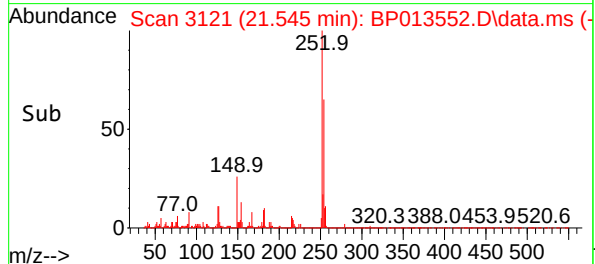
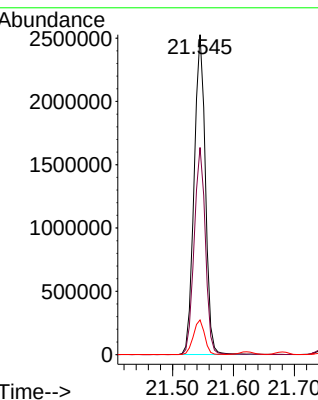
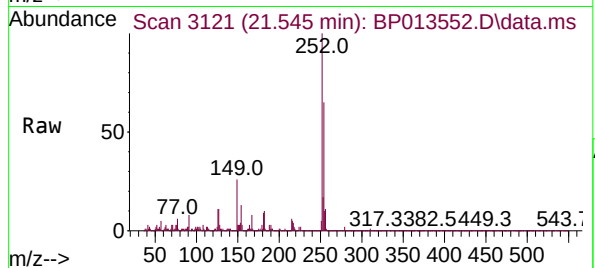
126 10.8 8.3 12.5

Manual Integrations

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Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#83

Chrysene

Concen: 76.541 ng

RT: 21.680 min Scan# 3144

Delta R.T. 0.006 min

Lab File: BP013552.D

Acq: 23 Jan 2023 16:01

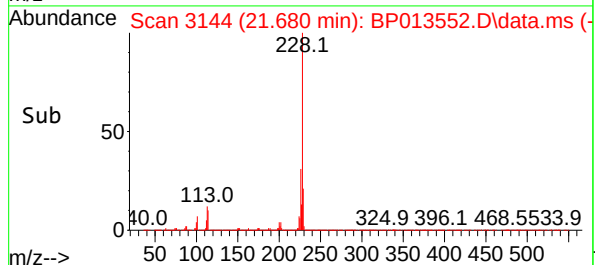
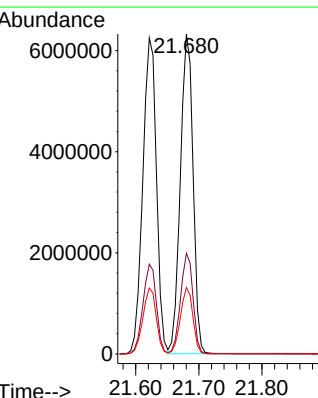
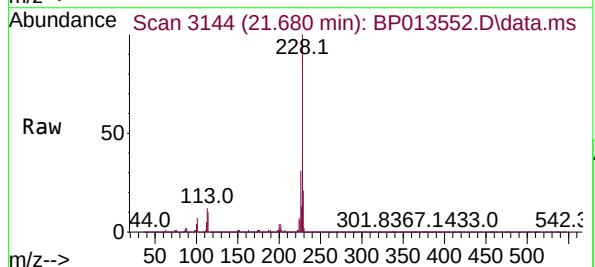
Tgt Ion:228 Resp: 8843193

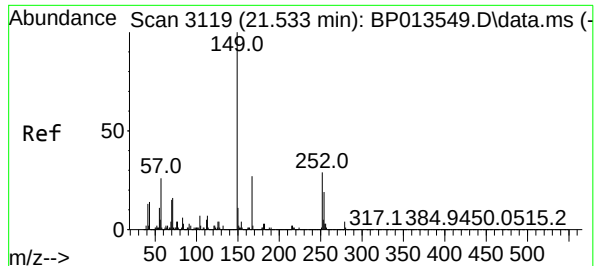
Ion Ratio Lower Upper

228 100

226 31.5 24.1 36.1

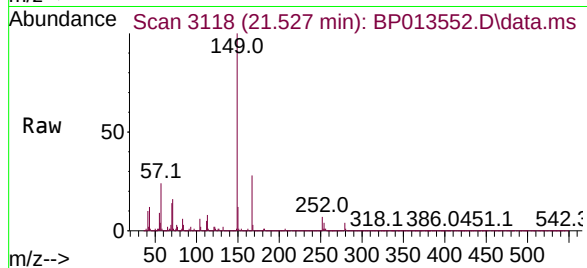
229 20.7 16.2 24.2





#84
Bis(2-ethylhexyl)phthalate
Concen: 90.450 ng
RT: 21.527 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

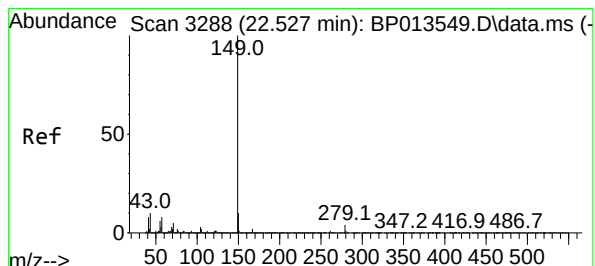
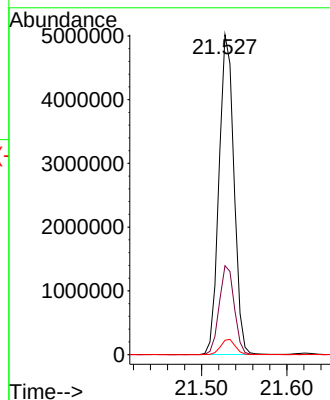
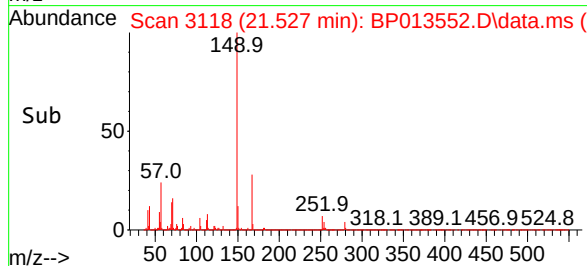
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 6110528
Ion Ratio Lower Upper
149 100
167 27.8 22.0 33.0
279 4.5 3.5 5.3

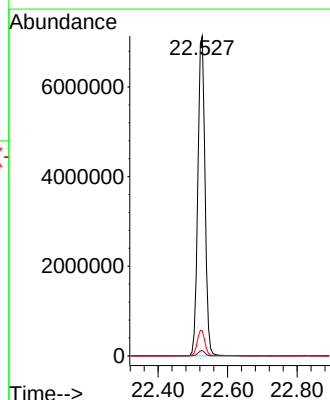
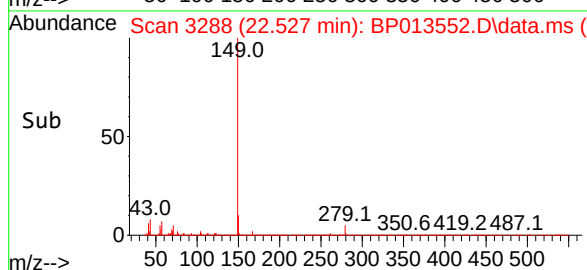
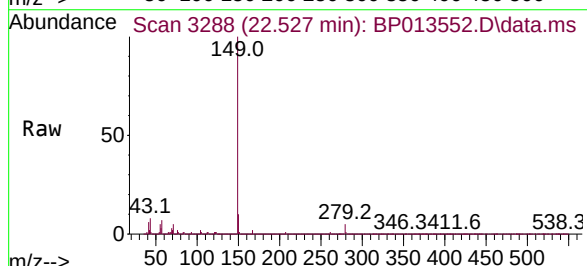
Manual Integrations
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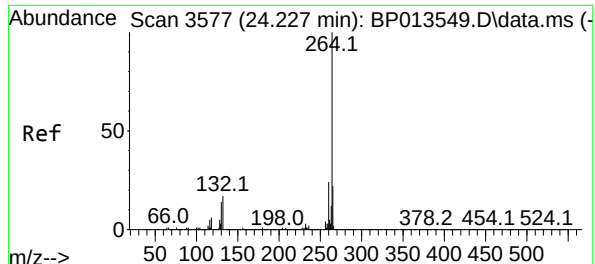
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#85
Di-n-octyl phthalate
Concen: 93.714 ng
RT: 22.527 min Scan# 3288
Delta R.T. 0.000 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

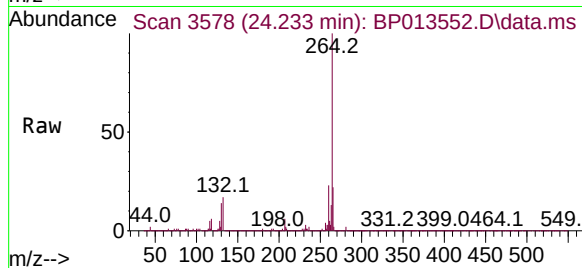
Tgt Ion:149 Resp:10207016
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.5 8.2 12.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.233 min Scan# 3577
Delta R.T. 0.006 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

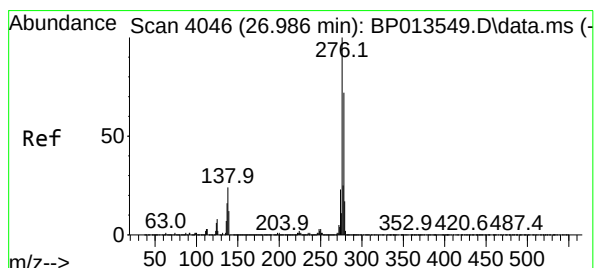
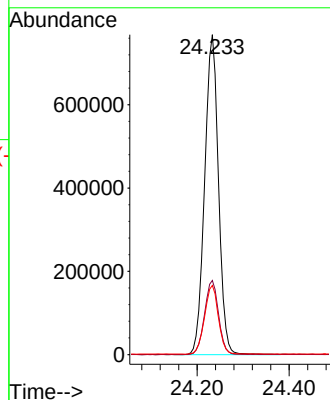
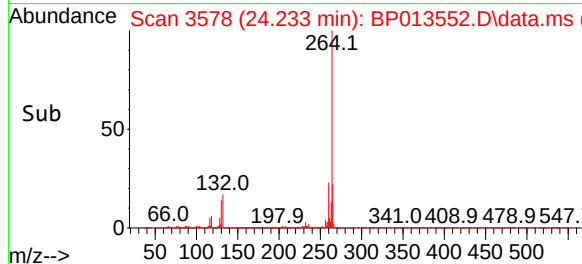
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:264 Resp: 1592515
Ion Ratio Lower Upper
264 100
260 23.2 18.8 28.2
265 21.7 17.4 26.2

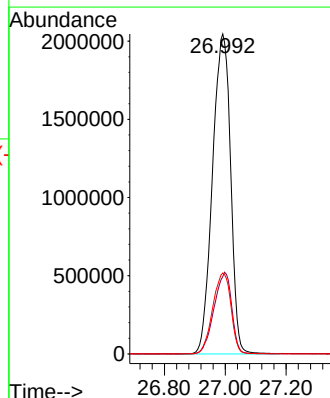
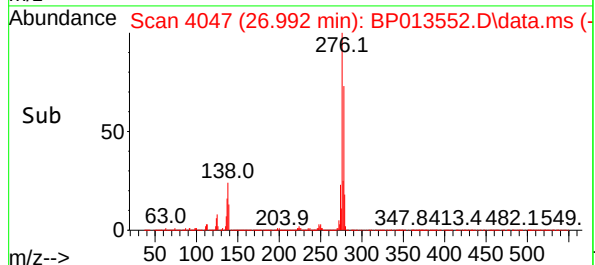
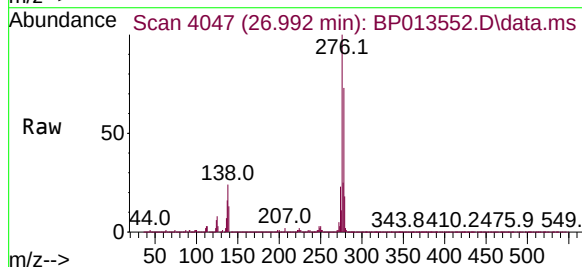
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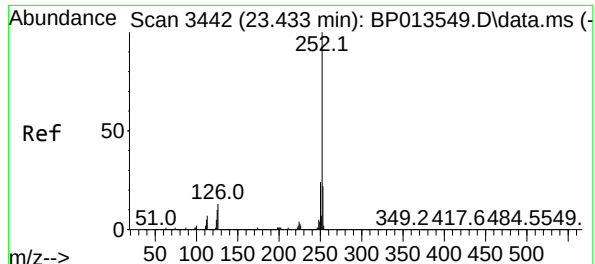
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#87
Indeno(1,2,3-cd)pyrene
Concen: 71.886 ng
RT: 26.992 min Scan# 4047
Delta R.T. 0.006 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

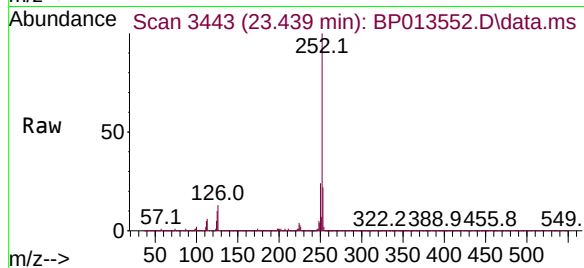
Tgt Ion:276 Resp: 8432334
Ion Ratio Lower Upper
276 100
138 24.9 19.8 29.6
277 25.5 20.2 30.4





#88
Benzo(b)fluoranthene
Concen: 83.448 ng
RT: 23.439 min Scan# 3442
Delta R.T. 0.006 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

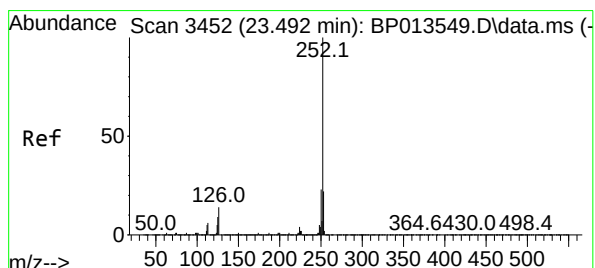
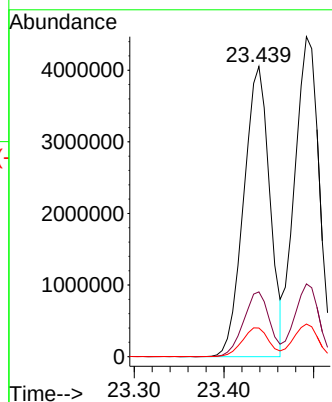
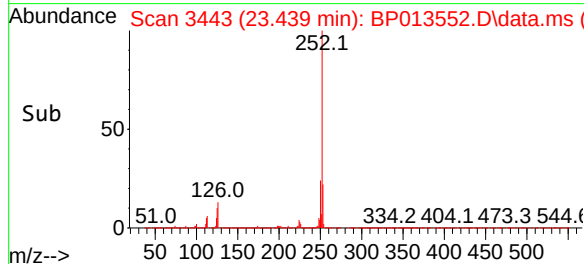
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:252 Resp: 8175152
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 9.8 8.0 12.0

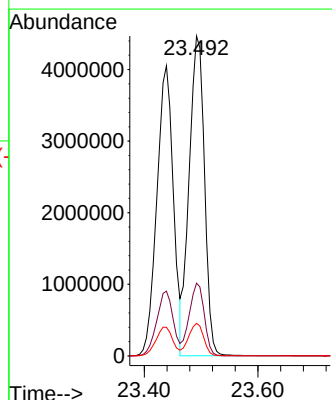
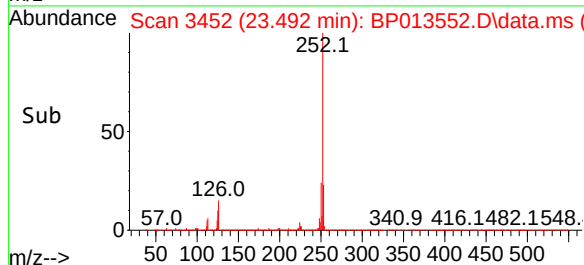
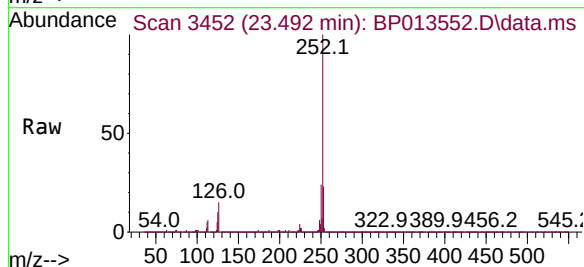
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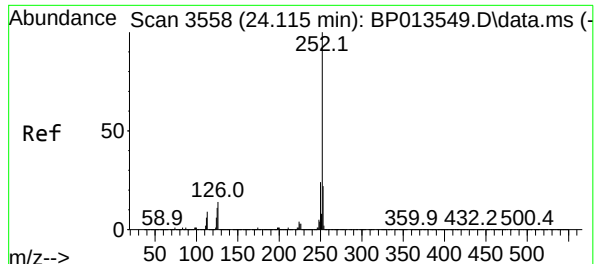
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#89
Benzo(k)fluoranthene
Concen: 83.776 ng
RT: 23.492 min Scan# 3452
Delta R.T. 0.000 min
Lab File: BP013552.D
Acq: 23 Jan 2023 16:01

Tgt Ion:252 Resp: 8371090
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 10.2 7.5 11.3





#90

Benzo(a)pyrene

Concen: 80.737 ng

RT: 24.121 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP013552.D

Acq: 23 Jan 2023 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 7672732

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

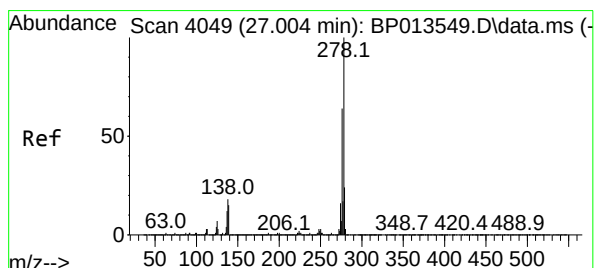
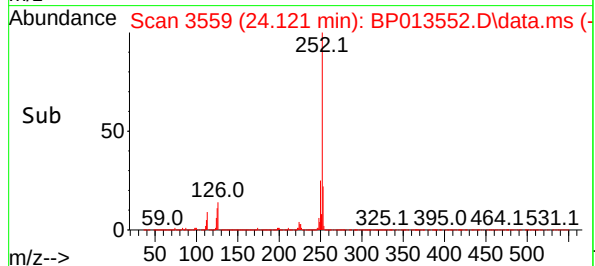
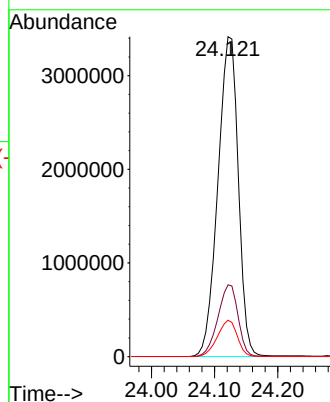
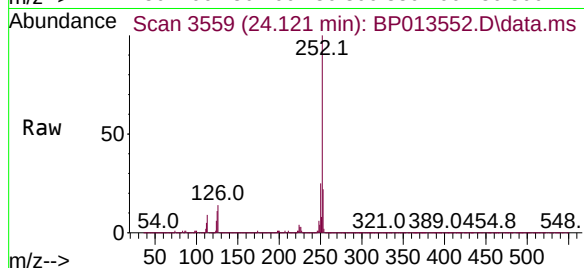
125 11.4 8.9 13.3

Manual Integrations

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Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#91

Dibenzo(a,h)anthracene

Concen: 72.402 ng

RT: 27.009 min Scan# 4050

Delta R.T. 0.006 min

Lab File: BP013552.D

Acq: 23 Jan 2023 16:01

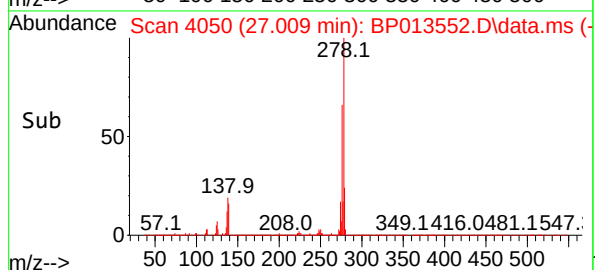
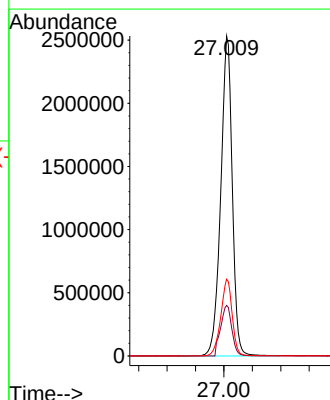
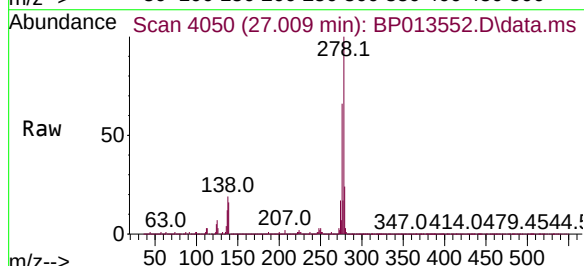
Tgt Ion:278 Resp: 7123652

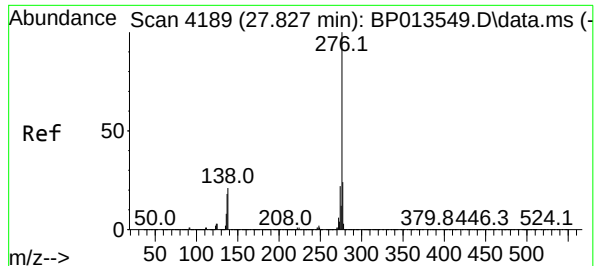
Ion Ratio Lower Upper

278 100

139 15.8 12.3 18.5

279 24.0 19.0 28.6





#92

Benzo(g,h,i)perylene

Concen: 57.359 ng

RT: 27.839 min Scan# 41

Delta R.T. 0.012 min

Lab File: BP013552.D

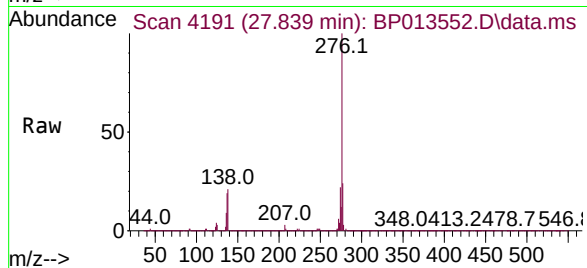
Acq: 23 Jan 2023 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC080



Tgt Ion:276 Resp: 6728252

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.6

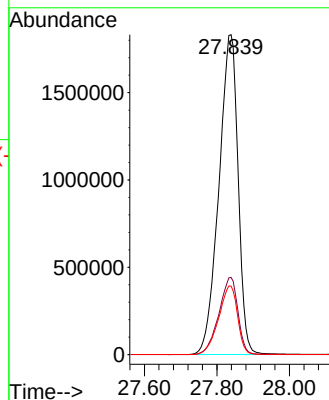
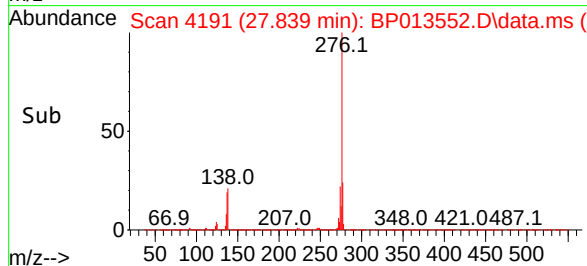
138 21.4 16.6 25.0

Manual Integrations

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Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
 Data File : BP013553.D
 Acq On : 23 Jan 2023 18:39
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVP012323

Quant Time: Jan 24 04:46:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 04:44:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.169	152	307884	20.000	ng	0.00
21) Naphthalene-d8	10.998	136	1268184	20.000	ng	0.00
39) Acenaphthene-d10	14.804	164	742399	20.000	ng	0.00
64) Phenanthrene-d10	17.557	188	1433898	20.000	ng	0.00
76) Chrysene-d12	21.633	240	1015368	20.000	ng	0.00
86) Perylene-d12	24.227	264	1066225	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	1367397	76.095	ng	0.00
7) Phenol-d6	7.304	99	1863102	77.036	ng	0.00
23) Nitrobenzene-d5	9.340	82	1587028	82.614	ng	0.00
42) 2,4,6-Tribromophenol	16.292	330	606126	81.396	ng	0.00
45) 2-Fluorobiphenyl	13.433	172	3997051	73.903	ng	0.00
79) Terphenyl-d14	20.086	244	4371237	77.448	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.534	88	272995	37.685	ng	97
3) Pyridine	3.940	79	804534	37.411	ng	99
4) n-Nitrosodimethylamine	3.852	42	360645	37.091	ng	98
6) Aniline	7.481	93	1243239	38.267	ng	99
8) 2-Chlorophenol	7.722	128	778318	39.252	ng	100
9) Benzaldehyde	7.293	77	528971	34.538	ng	99
10) Phenol	7.334	94	961786	38.384	ng	99
11) bis(2-Chloroethyl)ether	7.581	93	775792	37.865	ng	100
12) 1,3-Dichlorobenzene	8.057	146	826890	37.709	ng	98
13) 1,4-Dichlorobenzene	8.204	146	839331	37.749	ng	99
14) 1,2-Dichlorobenzene	8.528	146	815583	37.882	ng	99
15) Benzyl Alcohol	8.404	79	670831	38.823	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.704	45	1071046	38.176	ng	98
17) 2-Methylphenol	8.604	107	697658	38.338	ng	99
18) Hexachloroethane	9.263	117	291834	39.268	ng	98
19) n-Nitroso-di-n-propyla...	8.981	70	603321	38.731	ng	99
20) 3+4-Methylphenols	8.934	107	938013	39.161	ng	98
22) Acetophenone	8.998	105	1204423	37.021	ng	# 100
24) Nitrobenzene	9.381	77	834008	40.379	ng	98
25) Isophorone	9.910	82	1671680	36.688	ng	99
26) 2-Nitrophenol	10.098	139	295785	42.146	ng	99
27) 2,4-Dimethylphenol	10.151	122	749604	38.110	ng	99
28) bis(2-Chloroethoxy)met...	10.392	93	1028419	37.453	ng	100
29) 2,4-Dichlorophenol	10.634	162	707699	39.116	ng	100
30) 1,2,4-Trichlorobenzene	10.857	180	765047	37.053	ng	99
31) Naphthalene	11.051	128	2546353	37.348	ng	99
32) Benzoic acid	10.269	122	344121	40.030	ng	96
33) 4-Chloroaniline	11.151	127	1121210	37.166	ng	99
34) Hexachlorobutadiene	11.334	225	449944	37.447	ng	99
35) Caprolactam	11.922	113	221138	37.701	ng	97
36) 4-Chloro-3-methylphenol	12.257	107	754003	38.267	ng	97
37) 2-Methylnaphthalene	12.645	142	1809077	37.330	ng	99
38) 1-Methylnaphthalene	12.863	142	1691617	37.148	ng	100
40) 1,2,4,5-Tetrachloroben...	13.004	216	854510	37.386	ng	100
41) Hexachlorocyclopentadiene	12.986	237	428491	37.871	ng	97
43) 2,4,6-Trichlorophenol	13.239	196	537312	40.167	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
 Data File : BP013553.D
 Acq On : 23 Jan 2023 18:39
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP012323

Quant Time: Jan 24 04:46:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 04:44:15 2023
 Response via : Initial Calibration

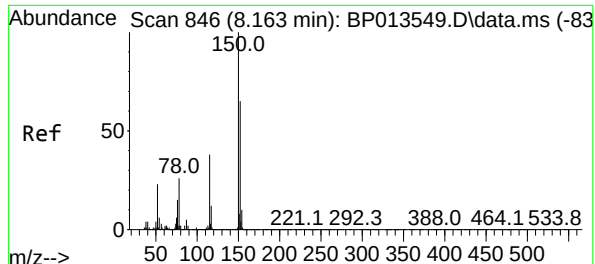
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.304	196	629795	39.842	ng	99
46) 1,1'-Biphenyl	13.639	154	2201142	36.918	ng	99
47) 2-Chloronaphthalene	13.686	162	1644062	36.807	ng	100
48) 2-Nitroaniline	13.880	65	413324	38.427	ng	95
49) Acenaphthylene	14.527	152	2712057	37.127	ng	99
50) Dimethylphthalate	14.251	163	2047265	37.097	ng	100
51) 2,6-Dinitrotoluene	14.369	165	403482	38.557	ng	96
52) Acenaphthene	14.869	154	1670309	37.017	ng	99
53) 3-Nitroaniline	14.698	138	445177	37.428	ng	96
54) 2,4-Dinitrophenol	14.898	184	111953	43.064	ng	95
55) Dibenzofuran	15.198	168	2546417	36.802	ng	100
56) 4-Nitrophenol	14.986	139	333310	38.535	ng	97
57) 2,4-Dinitrotoluene	15.151	165	492524	39.531	ng	96
58) Fluorene	15.851	166	1999752	36.362	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.422	232	477233	39.318	ng	99
60) Diethylphthalate	15.616	149	1976649	36.672	ng	100
61) 4-Chlorophenyl-phenyle...	15.839	204	987451	36.516	ng	100
62) 4-Nitroaniline	15.863	138	442006	38.280	ng	96
63) Azobenzene	16.133	77	1883157	35.955	ng	99
65) 4,6-Dinitro-2-methylph...	15.916	198	175879	42.678	ng	95
66) n-Nitrosodiphenylamine	16.051	169	1723086	36.849	ng	99
67) 4-Bromophenyl-phenylether	16.739	248	577260	36.344	ng	99
68) Hexachlorobenzene	16.857	284	624311	36.389	ng	99
69) Atrazine	17.004	200	508797	38.029	ng	98
70) Pentachlorophenol	17.198	266	381726	36.445	ng	98
71) Phenanthrene	17.598	178	2873356	36.016	ng	100
72) Anthracene	17.692	178	2909016	35.926	ng	100
73) Carbazole	17.951	167	2567345	35.281	ng	100
74) Di-n-butylphthalate	18.492	149	2910043	35.932	ng	100
75) Fluoranthene	19.545	202	2901574	34.200	ng	100
77) Benzidine	19.715	184	1022006	40.020	ng	99
78) Pyrene	19.898	202	2965108	38.191	ng	99
80) Butylbenzylphthalate	20.757	149	979852	39.639	ng	97
81) Benzo(a)anthracene	21.615	228	2572877	36.372	ng	100
82) 3,3'-Dichlorobenzidine	21.539	252	827540	36.309	ng	98
83) Chrysene	21.674	228	2467330	36.468	ng	100
84) Bis(2-ethylhexyl)phtha...	21.527	149	1415865	35.790	ng	100
85) Di-n-octyl phthalate	22.521	149	2216483	34.751	ng	99
87) Indeno(1,2,3-cd)pyrene	26.974	276	3030533	38.588	ng	100
88) Benzo(b)fluoranthene	23.433	252	2413730	36.800	ng	99
89) Benzo(k)fluoranthene	23.486	252	2511264	37.537	ng	99
90) Benzo(a)pyrene	24.109	252	2365278	37.174	ng	99
91) Dibenzo(a,h)anthracene	27.003	278	2559504	38.854	ng	100
92) Benzo(g,h,i)perylene	27.821	276	2491107	38.741	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
ICVBP012323

Abundance

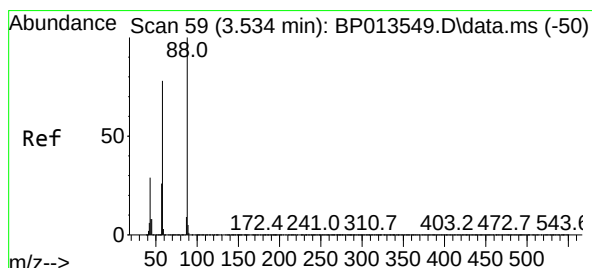
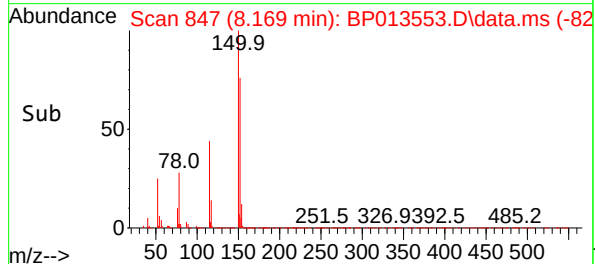
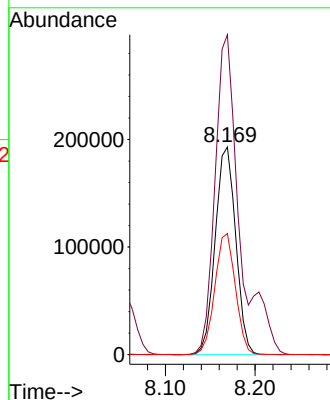
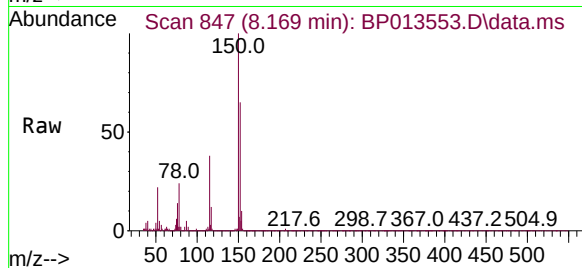
TIC: BP013553.D\data.ms



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.169 min Scan# 84
Delta R.T. 0.006 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

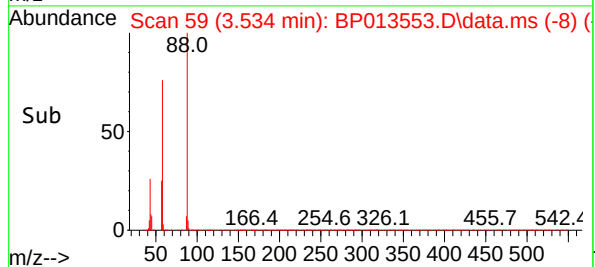
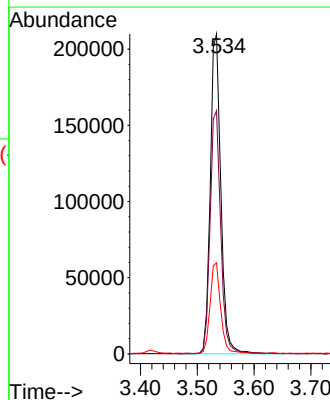
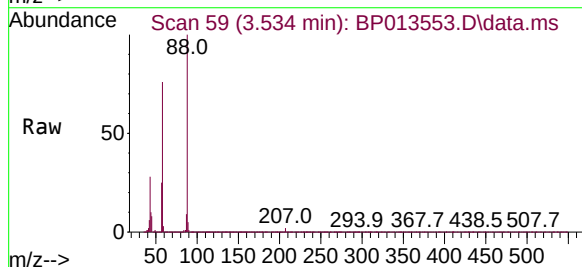
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ClientSampleId :
ICVBP012323

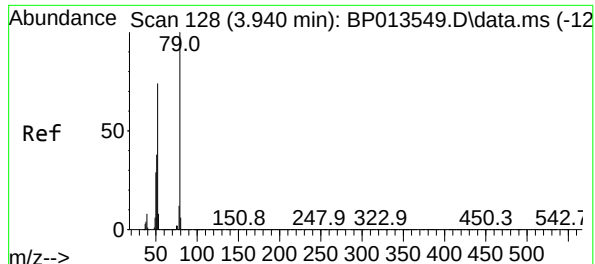
Tgt Ion:152 Resp: 307884
Ion Ratio Lower Upper
152 100
150 154.1 122.4 183.6
115 58.3 46.1 69.1



#2
1,4-Dioxane
Concen: 37.685 ng
RT: 3.534 min Scan# 59
Delta R.T. -0.000 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

Tgt Ion: 88 Resp: 272995
Ion Ratio Lower Upper
88 100
58 76.5 63.6 95.4
43 28.4 24.2 36.2





#3

Pyridine

Concen: 37.411 ng

RT: 3.940 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP013553.D

Acq: 23 Jan 2023 18:39

Instrument :

BNA_P

ClientSampleId :

ICVBP012323

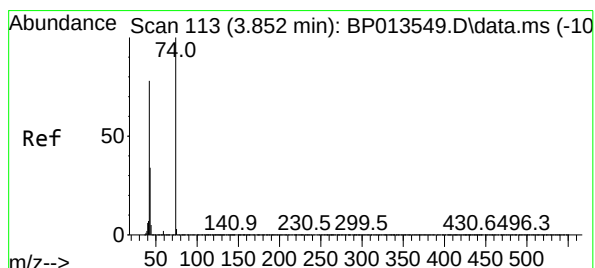
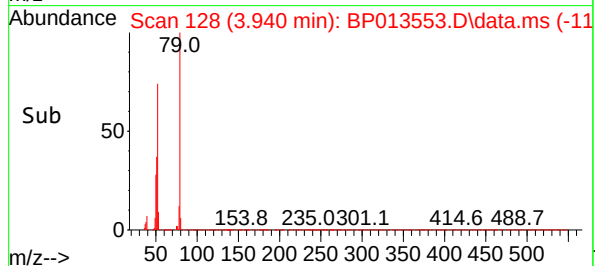
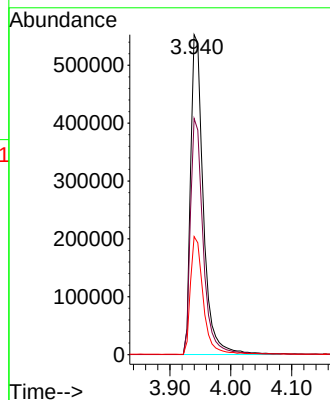
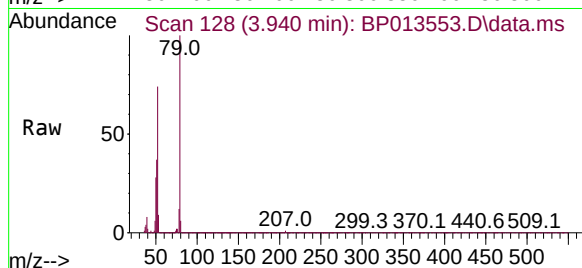
Tgt Ion: 79 Resp: 804534

Ion Ratio Lower Upper

79 100

52 73.8 59.4 89.2

51 36.9 30.6 45.8



#4

n-Nitrosodimethylamine

Concen: 37.091 ng

RT: 3.852 min Scan# 113

Delta R.T. -0.000 min

Lab File: BP013553.D

Acq: 23 Jan 2023 18:39

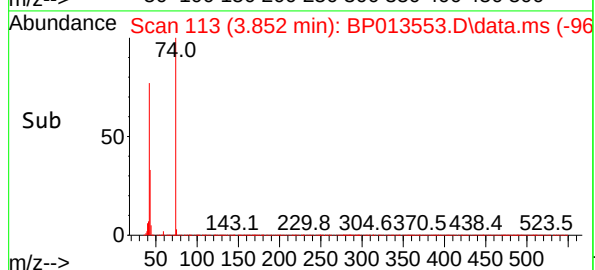
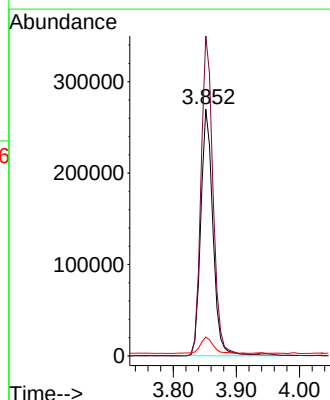
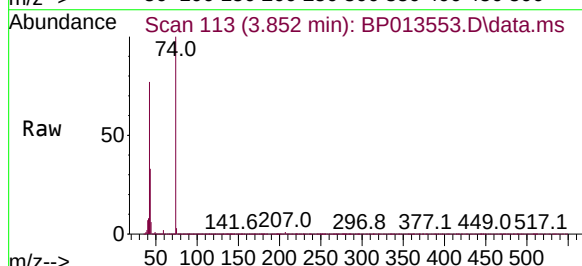
Tgt Ion: 42 Resp: 360645

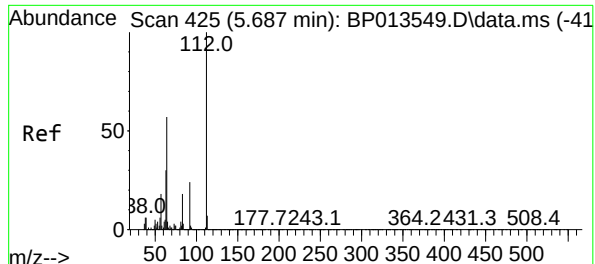
Ion Ratio Lower Upper

42 100

74 129.7 102.3 153.5

44 7.6 6.2 9.2

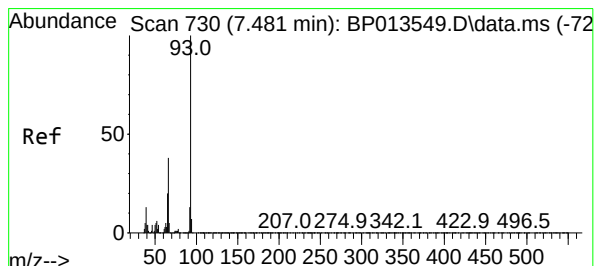
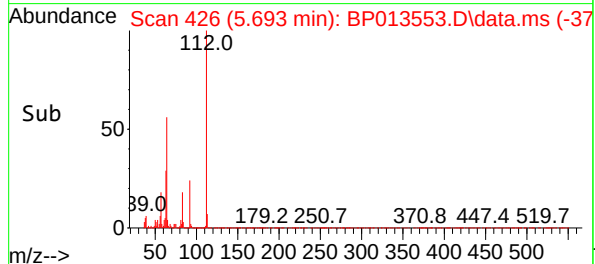
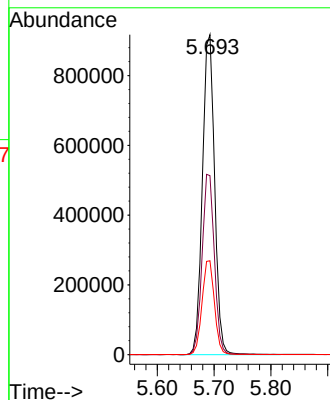
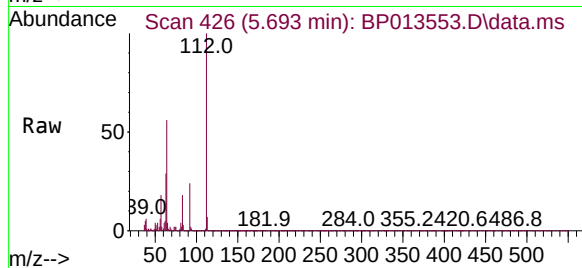




#5
2-Fluorophenol
Concen: 76.095 ng
RT: 5.693 min Scan# 425
Delta R.T. 0.006 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

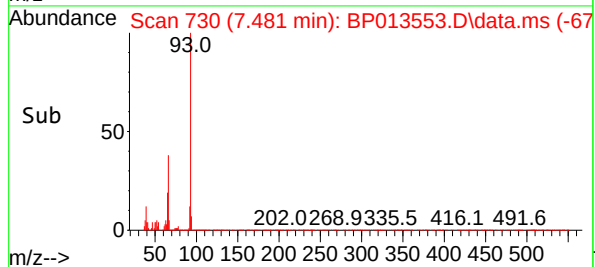
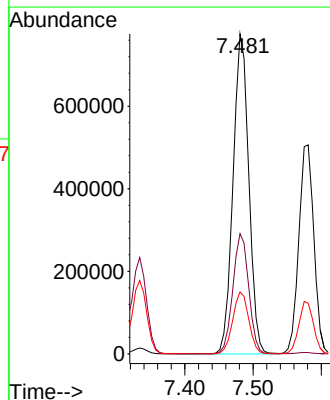
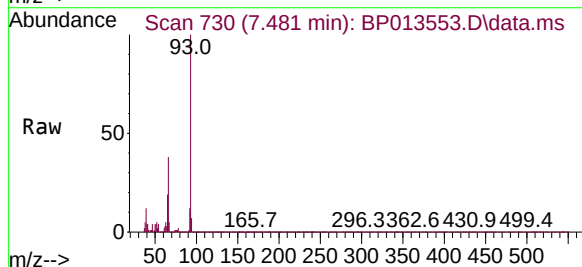
Instrument :
BNA_P
ClientSampleId :
ICVBP012323

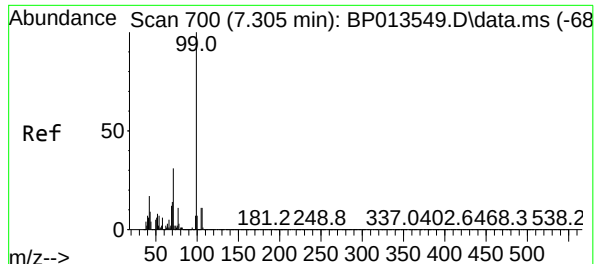
Tgt Ion:112 Resp: 1367397
Ion Ratio Lower Upper
112 100
64 56.0 45.4 68.0
63 29.3 24.1 36.1



#6
Aniline
Concen: 38.267 ng
RT: 7.481 min Scan# 730
Delta R.T. -0.000 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

Tgt Ion: 93 Resp: 1243239
Ion Ratio Lower Upper
93 100
66 37.6 30.3 45.5
65 19.4 15.9 23.9



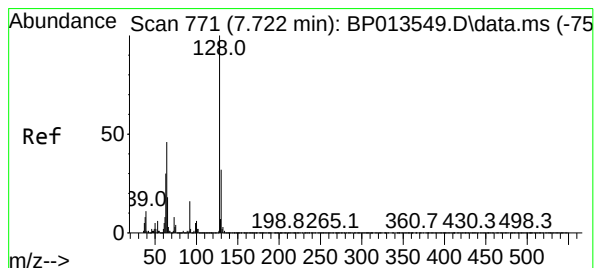
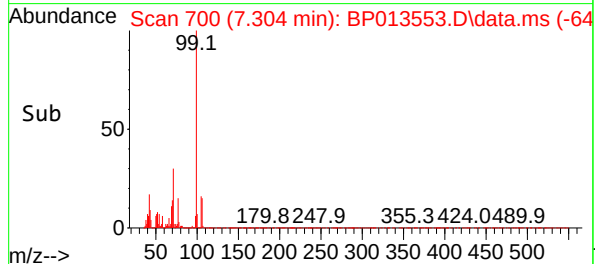
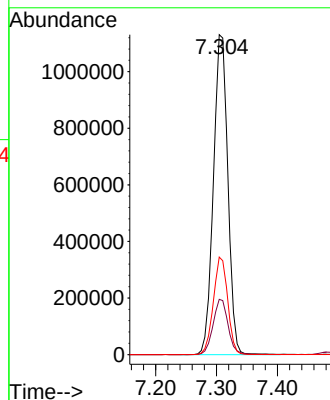
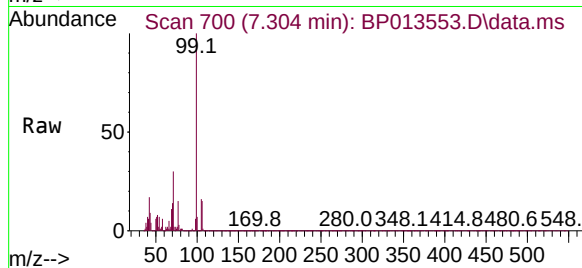


#7
Phenol-d6
Concen: 77.036 ng
RT: 7.304 min Scan# 700
Delta R.T. -0.000 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

Instrument :
BNA_P
ClientSampleId :
ICVBP012323

Tgt Ion: 99 Resp: 1863102

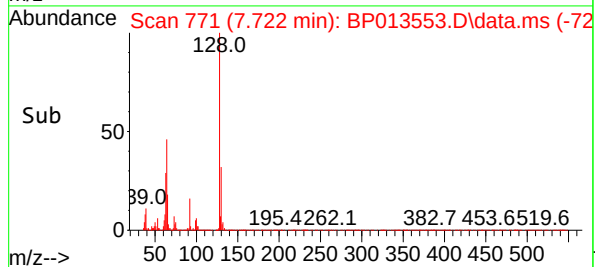
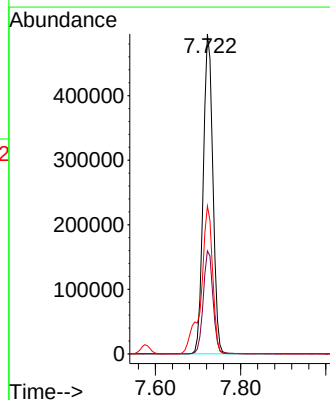
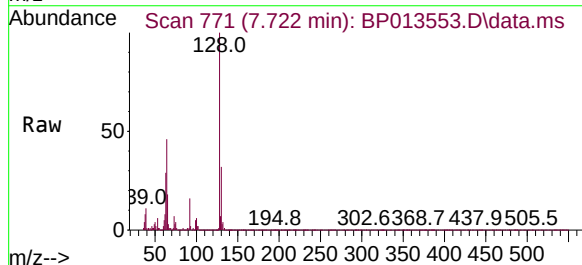
Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.0	21.0
71	30.5	24.7	37.1

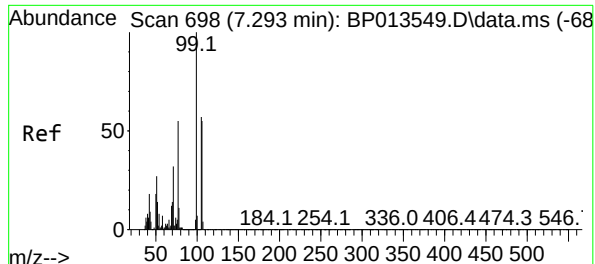


#8
2-Chlorophenol
Concen: 39.252 ng
RT: 7.722 min Scan# 771
Delta R.T. -0.000 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

Tgt Ion: 128 Resp: 778318

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.4	52.4
64	46.2	26.2	66.2

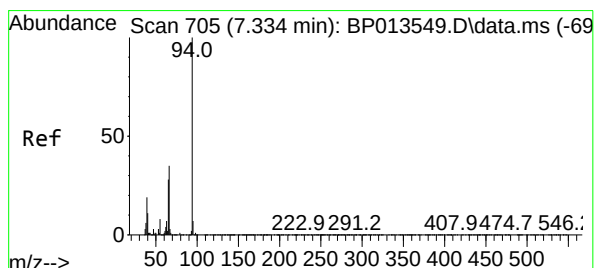
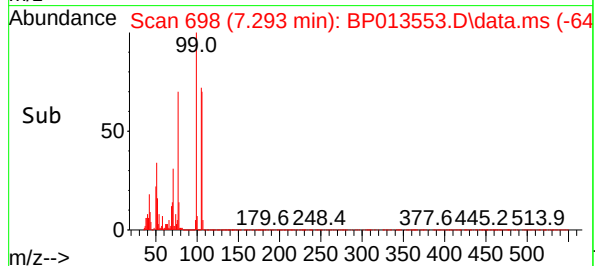
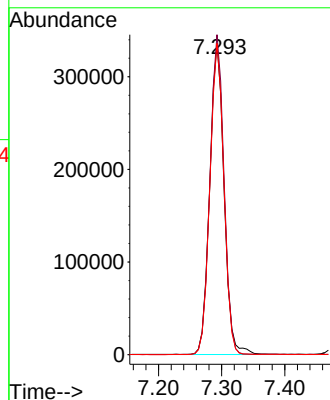
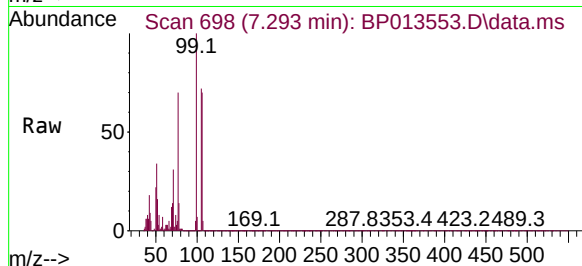




#9
Benzaldehyde
Concen: 34.538 ng
RT: 7.293 min Scan# 698
Delta R.T. -0.000 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

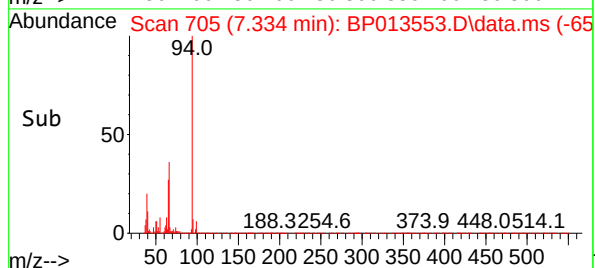
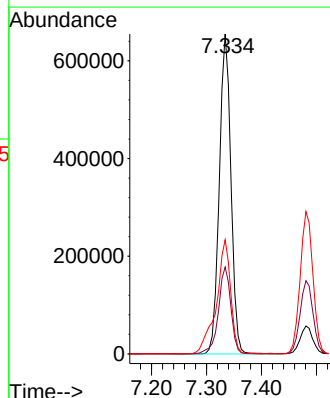
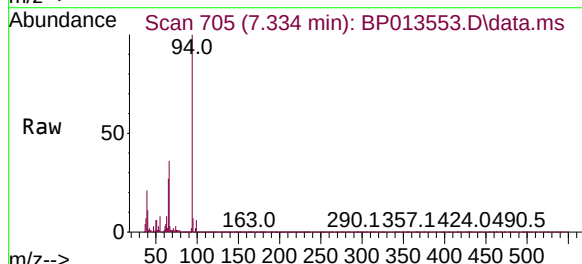
Instrument :
BNA_P
ClientSampleId :
ICVBP012323

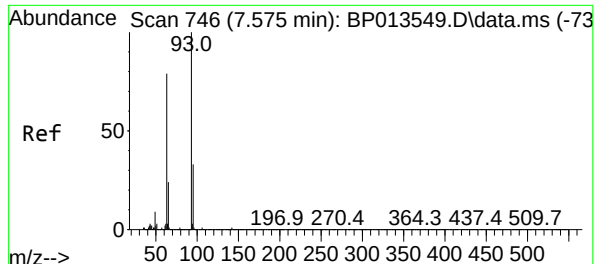
Tgt Ion: 77 Resp: 528971
Ion Ratio Lower Upper
77 100
105 102.8 82.6 122.6
106 100.0 78.9 118.9



#10
Phenol
Concen: 38.384 ng
RT: 7.334 min Scan# 705
Delta R.T. -0.000 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

Tgt Ion: 94 Resp: 961786
Ion Ratio Lower Upper
94 100
65 27.2 7.8 47.8
66 35.7 15.5 55.5





#11

bis(2-Chloroethyl)ether

Concen: 37.865 ng

RT: 7.581 min Scan# 746

Delta R.T. 0.006 min

Lab File: BP013553.D

Acq: 23 Jan 2023 18:39

Instrument :

BNA_P

ClientSampleId :

ICVBP012323

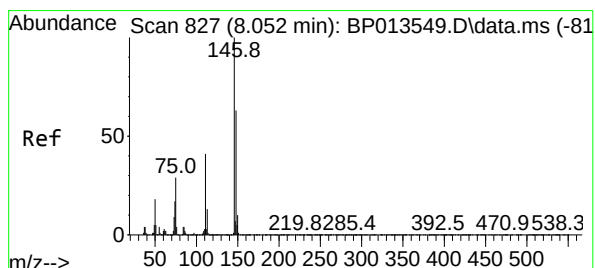
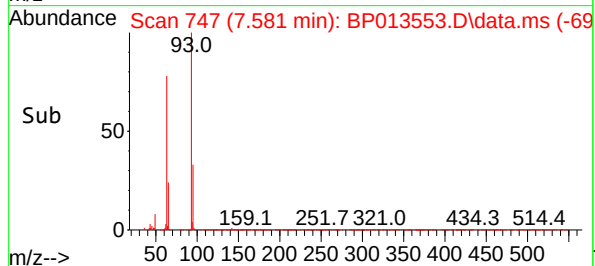
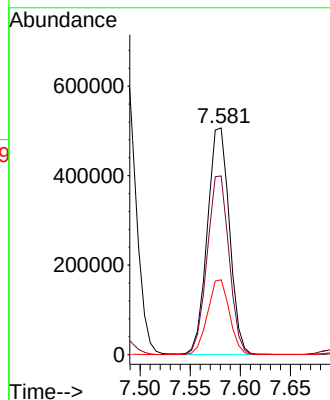
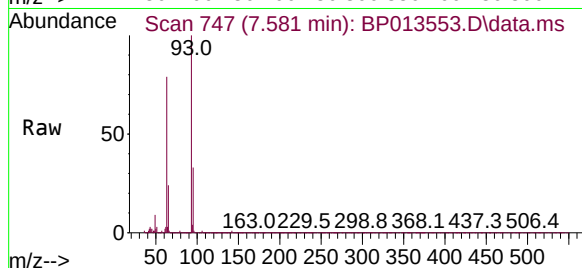
Tgt Ion: 93 Resp: 775792

Ion Ratio Lower Upper

93 100

63 78.9 58.7 98.7

95 33.0 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 37.709 ng

RT: 8.057 min Scan# 828

Delta R.T. 0.006 min

Lab File: BP013553.D

Acq: 23 Jan 2023 18:39

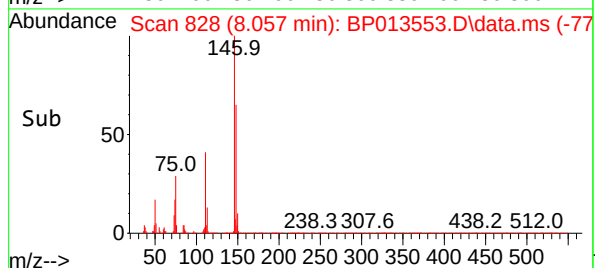
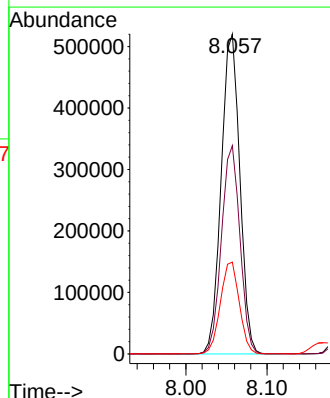
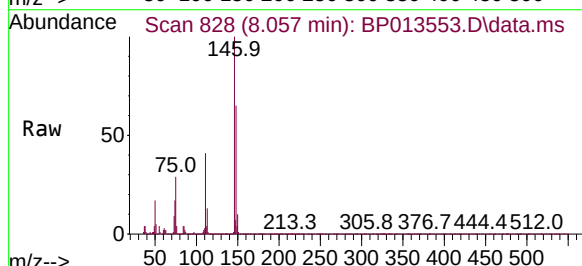
Tgt Ion: 146 Resp: 826890

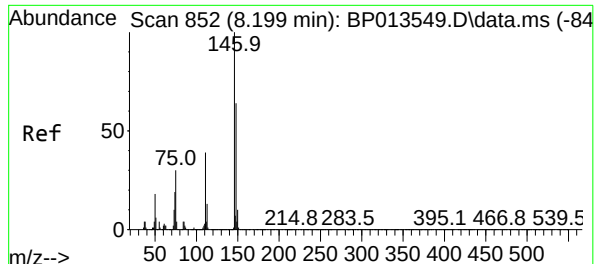
Ion Ratio Lower Upper

146 100

148 65.1 50.7 76.1

75 28.7 23.4 35.2





#13

1,4-Dichlorobenzene

Concen: 37.749 ng

RT: 8.204 min Scan# 81

Delta R.T. 0.006 min

Lab File: BP013553.D

Acq: 23 Jan 2023 18:39

Instrument :

BNA_P

ClientSampleId :

ICVBP012323

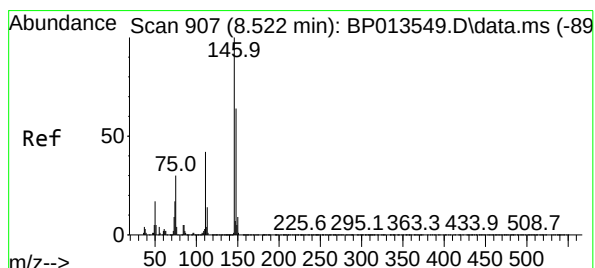
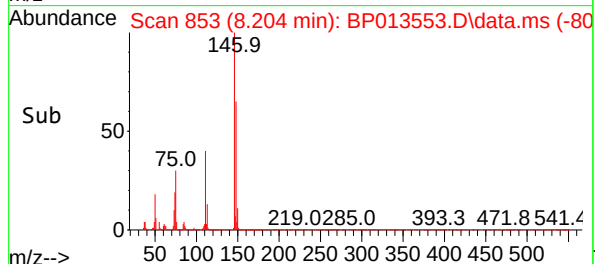
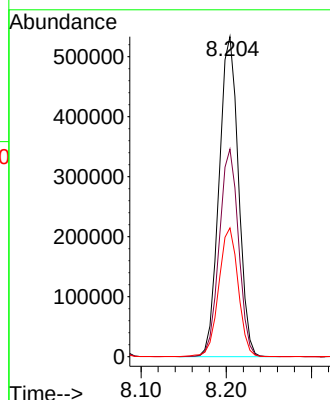
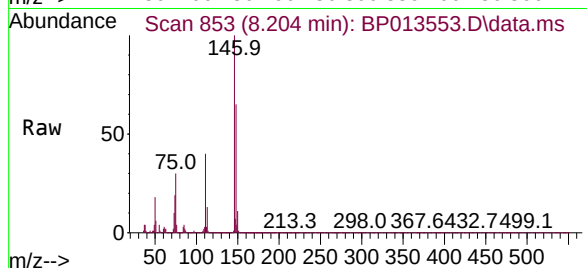
Tgt Ion:146 Resp: 839331

Ion Ratio Lower Upper

146 100

148 64.8 51.4 77.0

111 40.2 31.4 47.2



#14

1,2-Dichlorobenzene

Concen: 37.882 ng

RT: 8.528 min Scan# 908

Delta R.T. 0.006 min

Lab File: BP013553.D

Acq: 23 Jan 2023 18:39

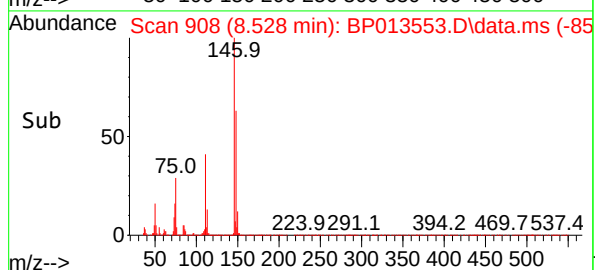
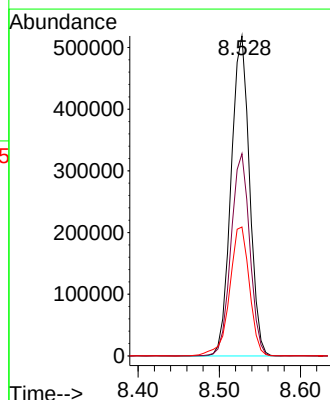
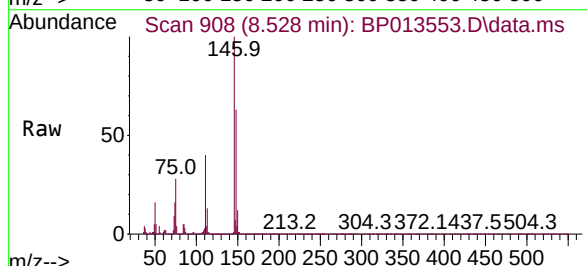
Tgt Ion:146 Resp: 815583

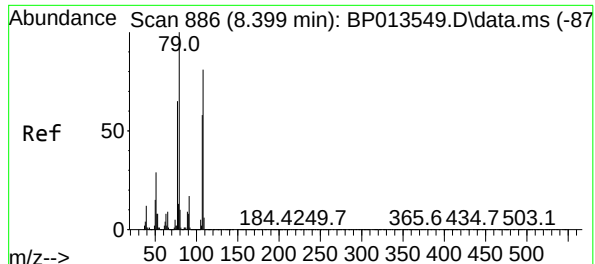
Ion Ratio Lower Upper

146 100

148 63.2 50.8 76.2

111 40.3 33.4 50.2





#15

Benzyl Alcohol

Concen: 38.823 ng

RT: 8.404 min Scan# 886

Delta R.T. 0.006 min

Lab File: BP013553.D

Acq: 23 Jan 2023 18:39

Instrument :

BNA_P

ClientSampleId :

ICVBP012323

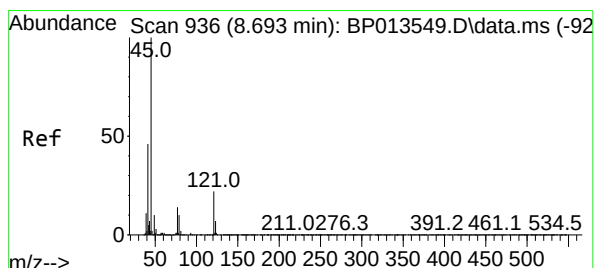
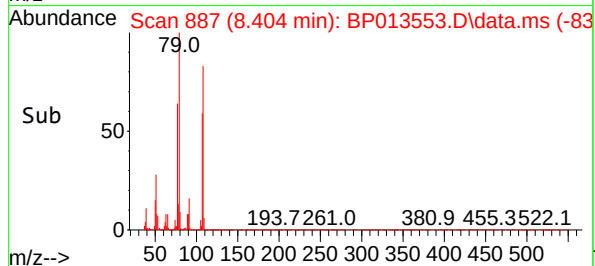
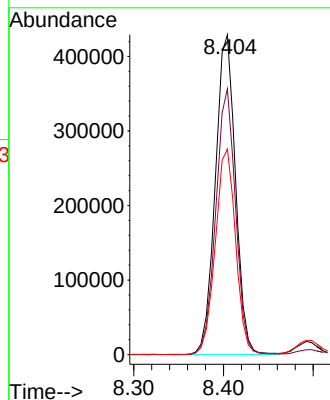
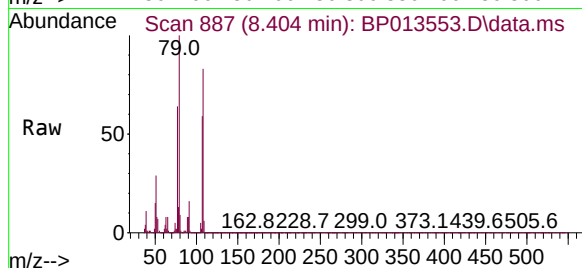
Tgt Ion: 79 Resp: 670831

Ion Ratio Lower Upper

79 100

108 83.1 65.2 97.8

77 64.3 52.3 78.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.176 ng

RT: 8.704 min Scan# 938

Delta R.T. 0.012 min

Lab File: BP013553.D

Acq: 23 Jan 2023 18:39

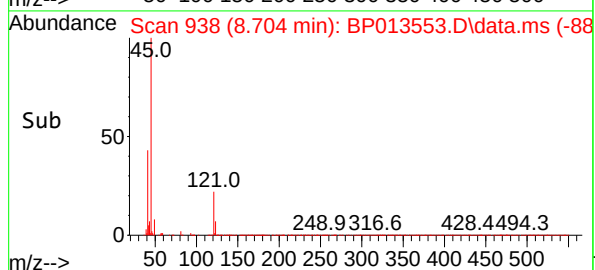
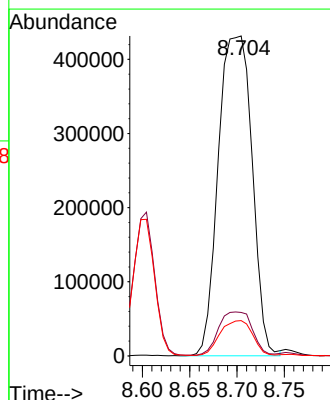
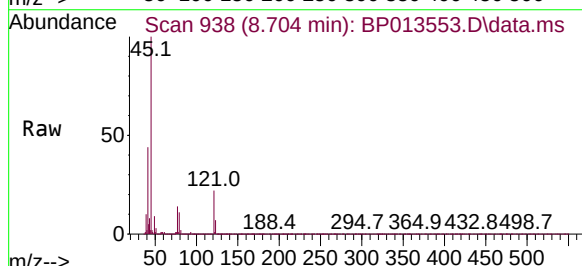
Tgt Ion: 45 Resp: 1071046

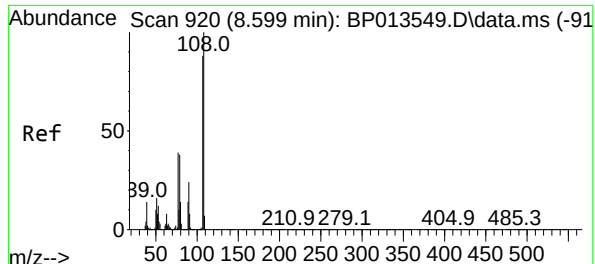
Ion Ratio Lower Upper

45 100

77 13.6 0.0 34.2

79 11.0 0.0 30.4





#17

2-Methylphenol

Concen: 38.338 ng

RT: 8.604 min Scan# 91

Delta R.T. 0.006 min

Lab File: BP013553.D

Acq: 23 Jan 2023 18:39

Instrument :

BNA_P

ClientSampleId :

ICVBP012323

Tgt Ion:107 Resp: 697658

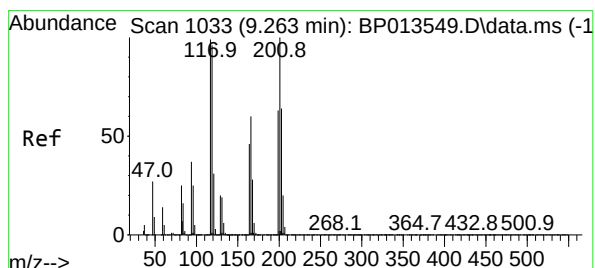
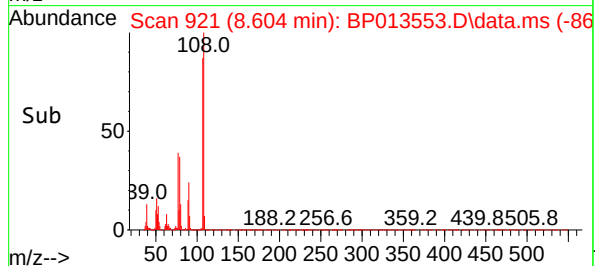
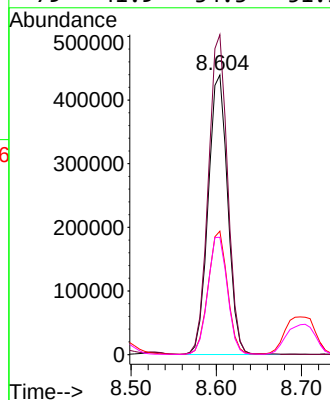
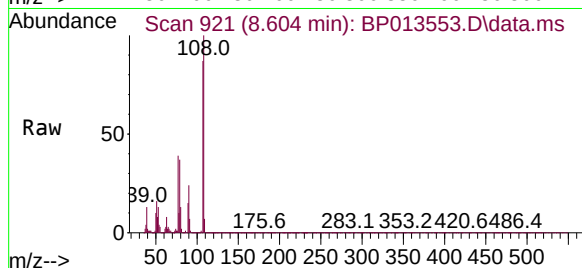
Ion Ratio Lower Upper

107 100

108 114.4 90.5 135.7

77 44.1 35.4 53.2

79 41.9 34.3 51.5



#18

Hexachloroethane

Concen: 39.268 ng

RT: 9.263 min Scan# 1033

Delta R.T. -0.000 min

Lab File: BP013553.D

Acq: 23 Jan 2023 18:39

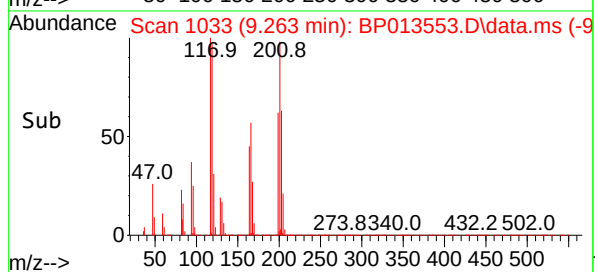
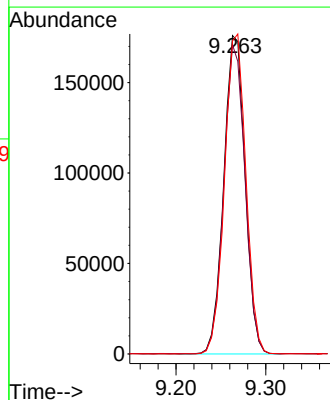
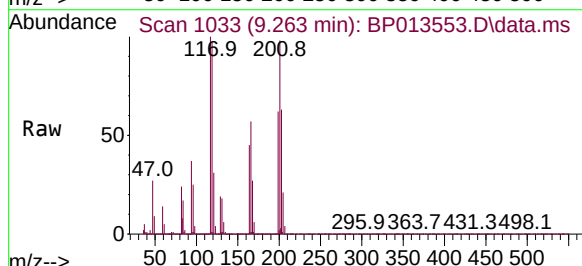
Tgt Ion:117 Resp: 291834

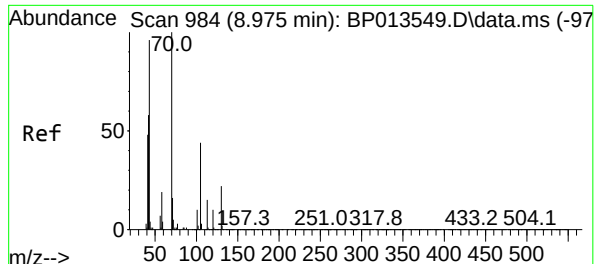
Ion Ratio Lower Upper

117 100

119 97.2 77.0 115.6

201 98.3 80.6 120.8





#19

n-Nitroso-di-n-propylamine

Concen: 38.731 ng

RT: 8.981 min Scan# 984

Delta R.T. 0.006 min

Lab File: BP013553.D

Acq: 23 Jan 2023 18:39

Instrument :

BNA_P

ClientSampleId :

ICVBP012323

Tgt Ion: 70 Resp: 603321

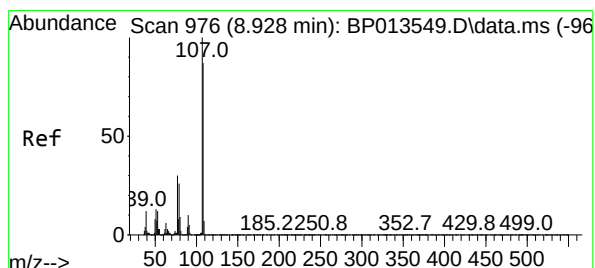
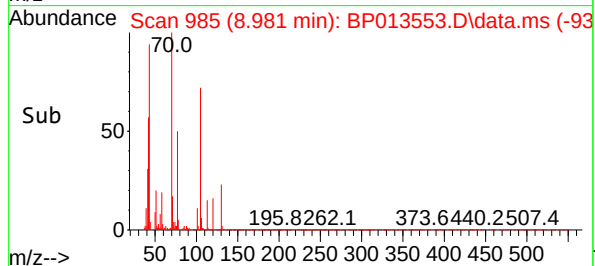
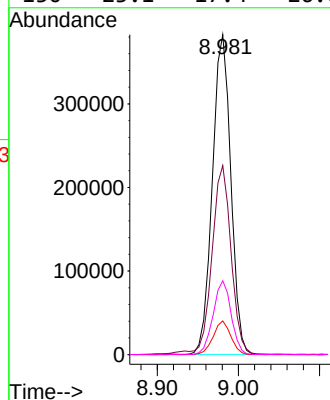
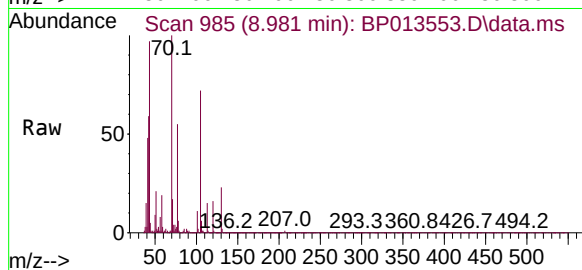
Ion Ratio Lower Upper

70 100

42 59.1 47.2 70.8

101 10.5 8.0 12.0

130 23.1 17.4 26.0



#20

3+4-Methylphenols

Concen: 39.161 ng

RT: 8.934 min Scan# 977

Delta R.T. 0.006 min

Lab File: BP013553.D

Acq: 23 Jan 2023 18:39

Tgt Ion: 107 Resp: 938013

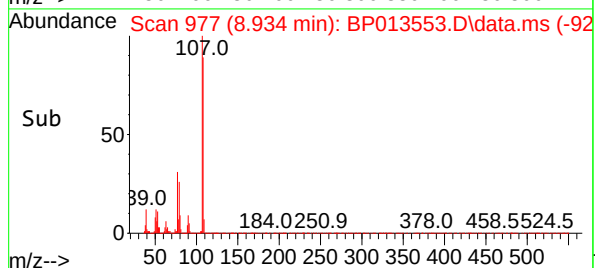
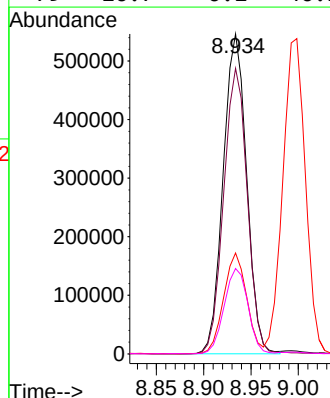
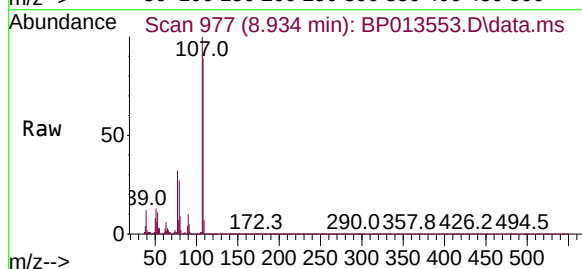
Ion Ratio Lower Upper

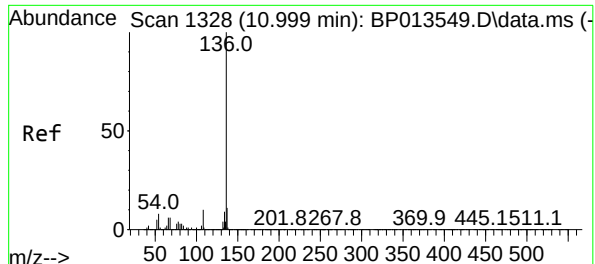
107 100

108 89.2 67.5 107.5

77 31.5 10.5 50.5

79 26.7 6.2 46.2

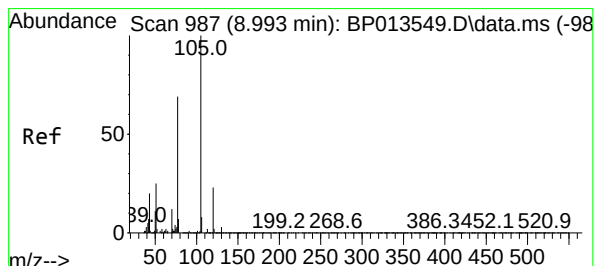
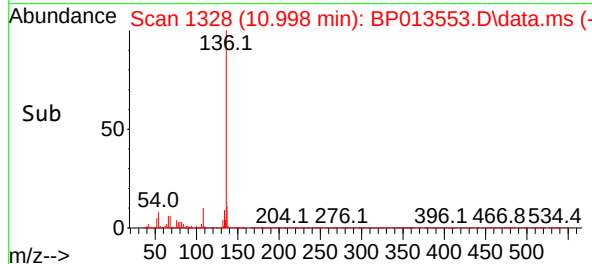
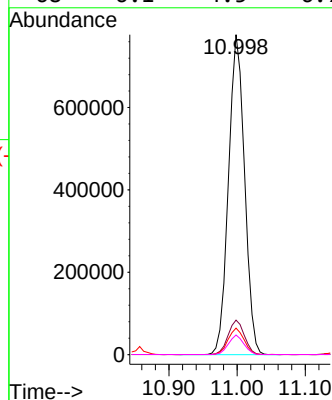
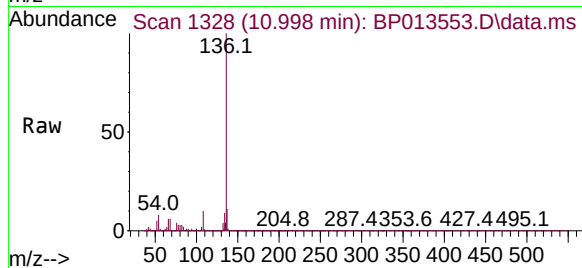




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.998 min Scan# 1328
Delta R.T. -0.001 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

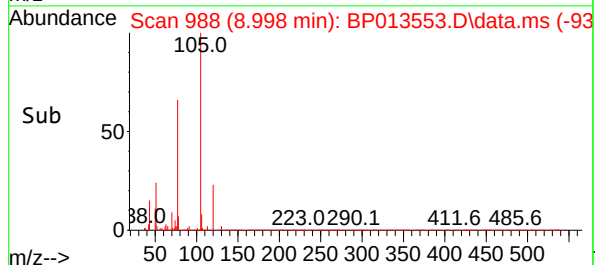
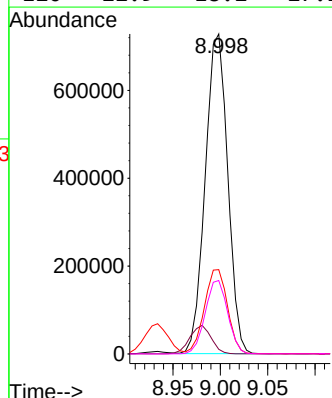
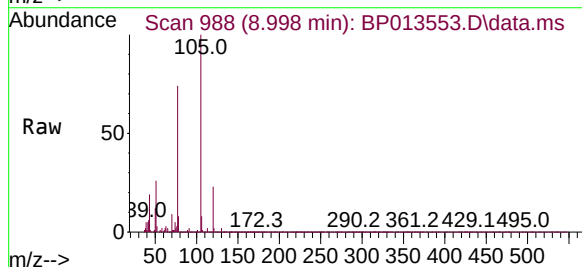
Instrument :
BNA_P
ClientSampleId :
ICVBP012323

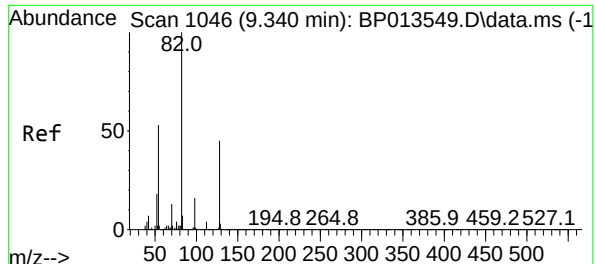
Tgt Ion:136 Resp: 1268184
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 8.3 6.6 9.8
68 6.1 4.5 6.7



#22
Acetophenone
Concen: 37.021 ng
RT: 8.998 min Scan# 988
Delta R.T. 0.006 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

Tgt Ion:105 Resp: 1204423
Ion Ratio Lower Upper
105 100
71 1.4 1.8 2.8#
51 26.4 21.1 31.7
120 22.9 18.2 27.2





#23

Nitrobenzene-d5

Concen: 82.614 ng

RT: 9.340 min Scan# 1046

Delta R.T. -0.000 min

Lab File: BP013553.D

Acq: 23 Jan 2023 18:39

Instrument :

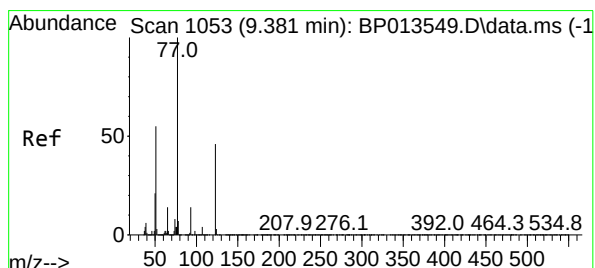
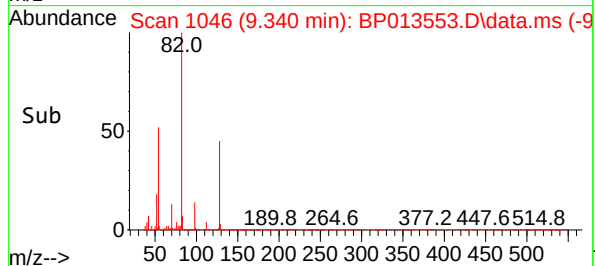
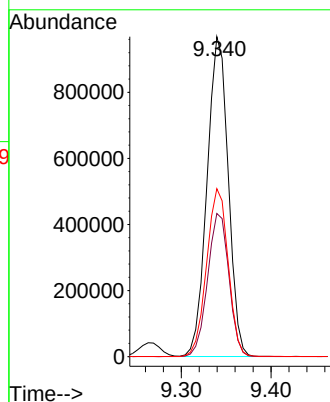
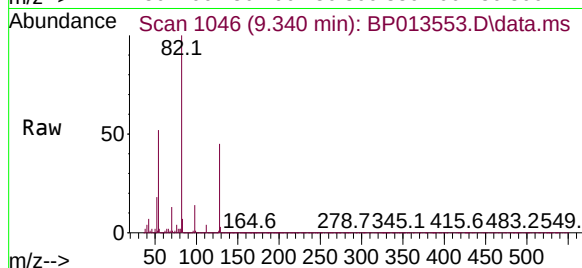
BNA_P

ClientSampleId :

ICVBP012323

Tgt Ion: 82 Resp: 1587028

Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.8	53.6
54	52.5	42.6	64.0



#24

Nitrobenzene

Concen: 40.379 ng

RT: 9.381 min Scan# 1053

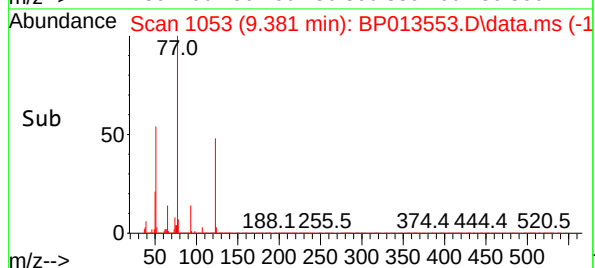
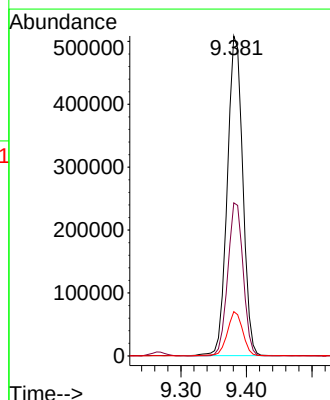
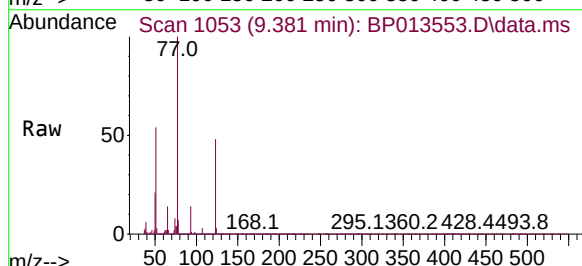
Delta R.T. -0.000 min

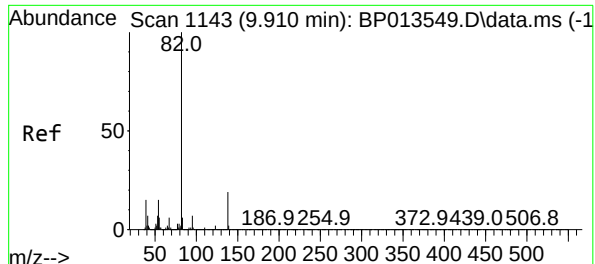
Lab File: BP013553.D

Acq: 23 Jan 2023 18:39

Tgt Ion: 77 Resp: 834008

Ion	Ratio	Lower	Upper
77	100		
123	47.8	37.2	55.8
65	13.8	11.1	16.7

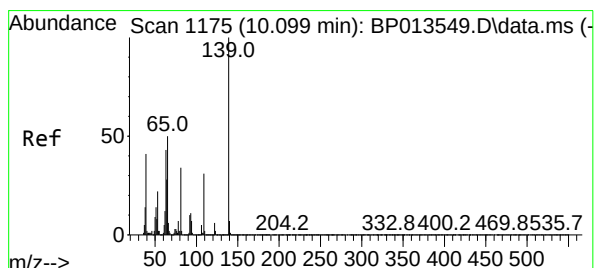
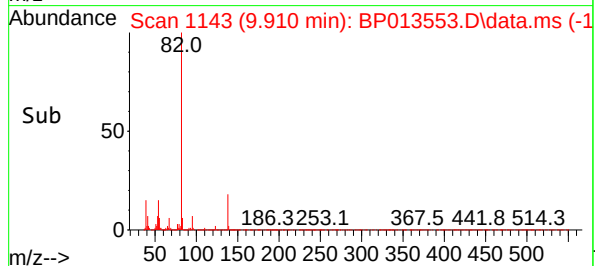
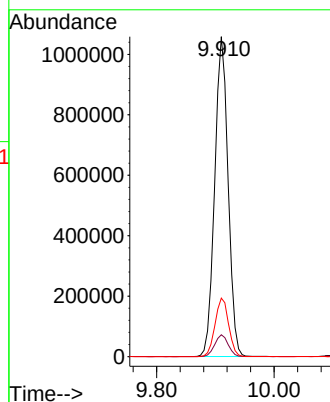
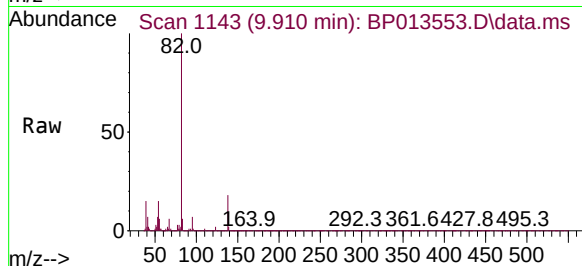




#25
Isophorone
Concen: 36.688 ng
RT: 9.910 min Scan# 1143
Delta R.T. -0.000 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

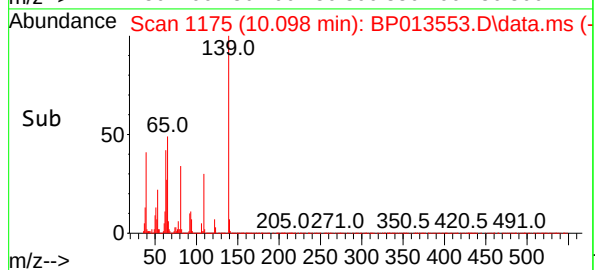
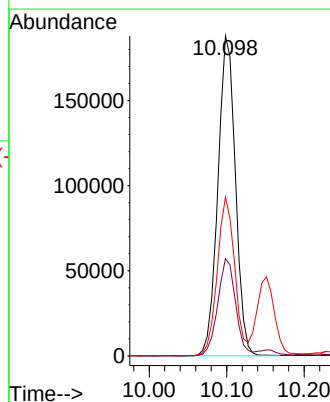
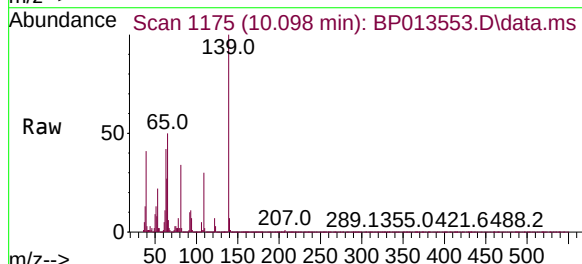
Instrument :
BNA_P
ClientSampleId :
ICVBP012323

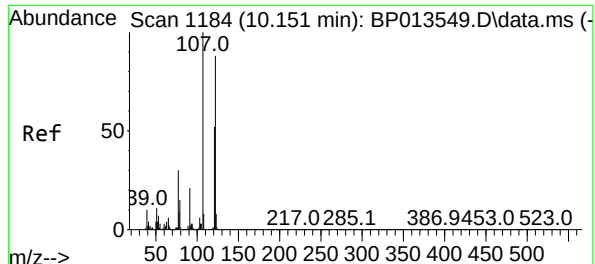
Tgt Ion: 82 Resp: 1671680
Ion Ratio Lower Upper
82 100
95 6.8 5.8 8.8
138 18.3 15.1 22.7



#26
2-Nitrophenol
Concen: 42.146 ng
RT: 10.098 min Scan# 1175
Delta R.T. -0.001 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

Tgt Ion: 139 Resp: 295785
Ion Ratio Lower Upper
139 100
109 30.4 25.1 37.7
65 49.6 40.1 60.1

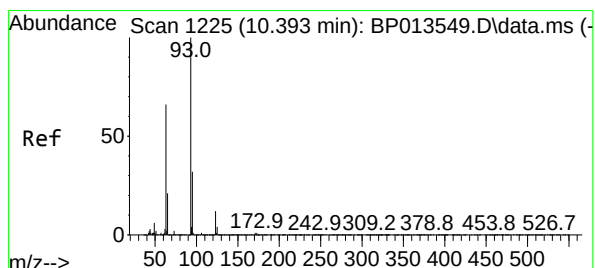
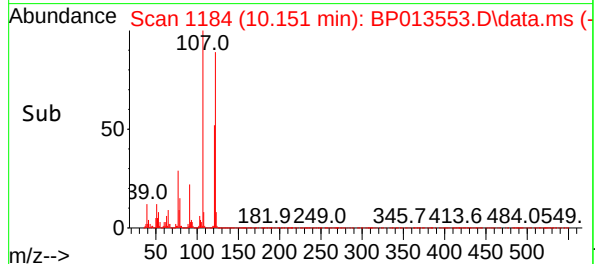
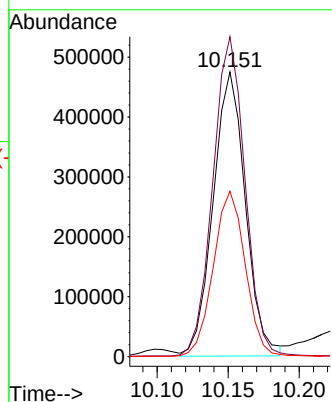
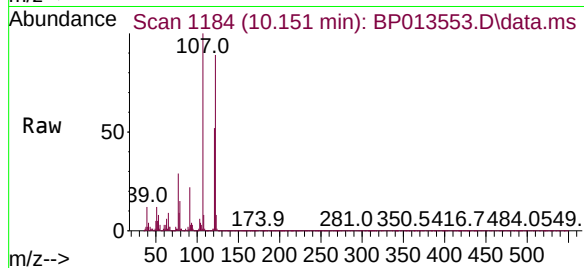




#27
2,4-Dimethylphenol
Concen: 38.110 ng
RT: 10.151 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

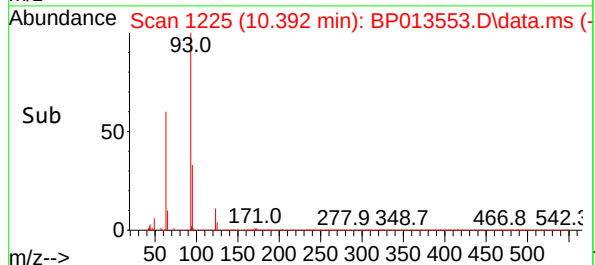
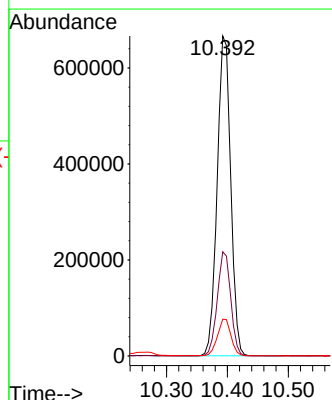
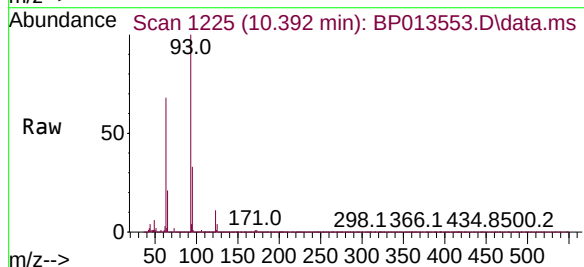
Instrument :
BNA_P
ClientSampleId :
ICVBP012323

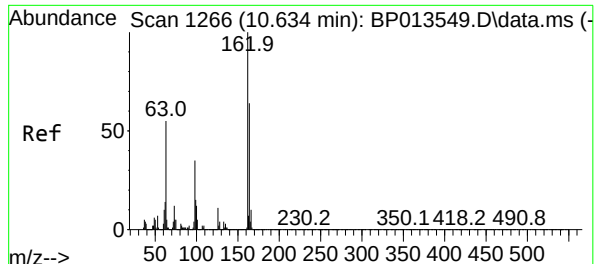
Tgt Ion:122 Resp: 749604
Ion Ratio Lower Upper
122 100
107 112.4 90.7 136.1
121 58.1 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 37.453 ng
RT: 10.392 min Scan# 1225
Delta R.T. -0.000 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

Tgt Ion: 93 Resp: 1028419
Ion Ratio Lower Upper
93 100
95 32.5 25.8 38.8
123 11.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 39.116 ng

RT: 10.634 min Scan# 1266

Delta R.T. -0.000 min

Lab File: BP013553.D

Acq: 23 Jan 2023 18:39

Instrument :

BNA_P

ClientSampleId :

ICVBP012323

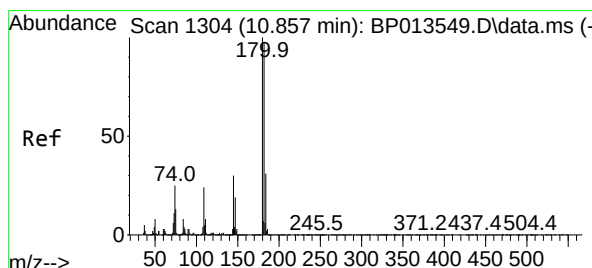
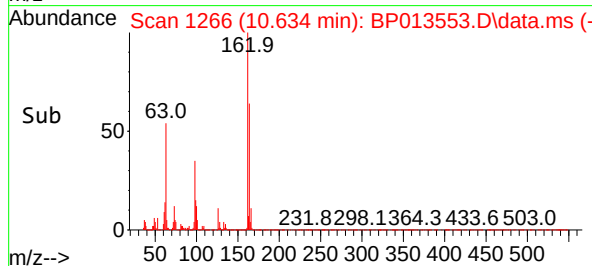
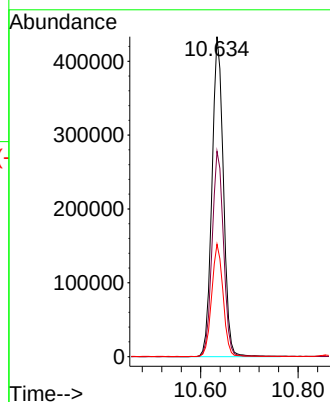
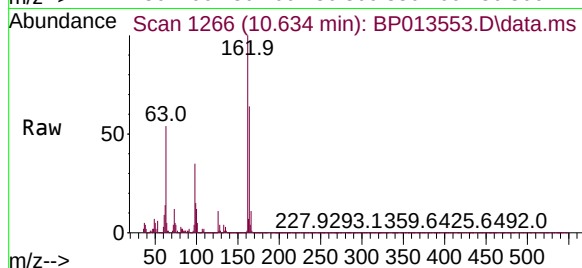
Tgt Ion:162 Resp: 707699

Ion Ratio Lower Upper

162 100

164 64.2 44.3 84.3

98 35.1 15.3 55.3



#30

1,2,4-Trichlorobenzene

Concen: 37.053 ng

RT: 10.857 min Scan# 1304

Delta R.T. -0.000 min

Lab File: BP013553.D

Acq: 23 Jan 2023 18:39

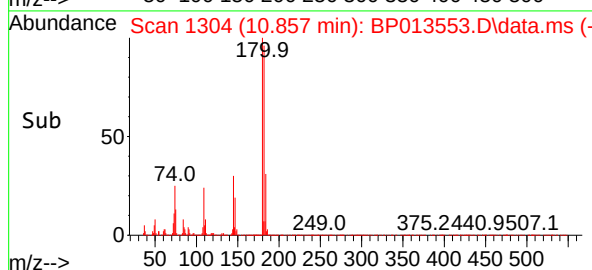
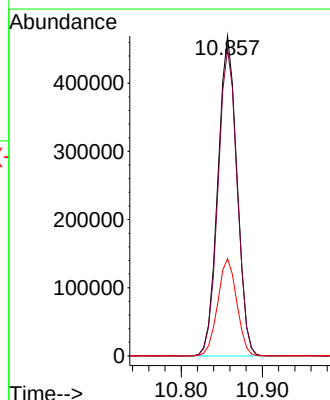
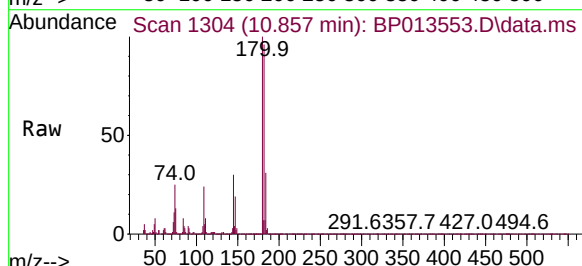
Tgt Ion:180 Resp: 765047

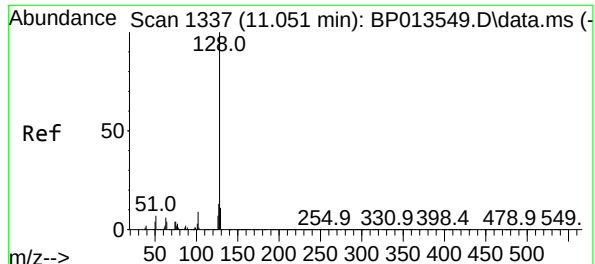
Ion Ratio Lower Upper

180 100

182 96.0 77.9 116.9

145 30.4 24.0 36.0

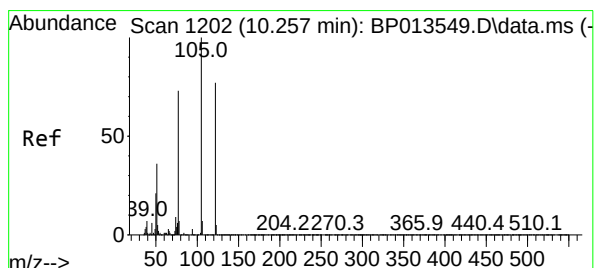
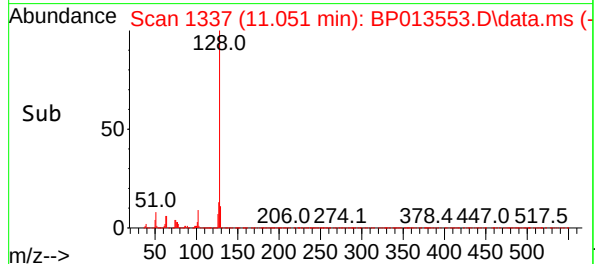
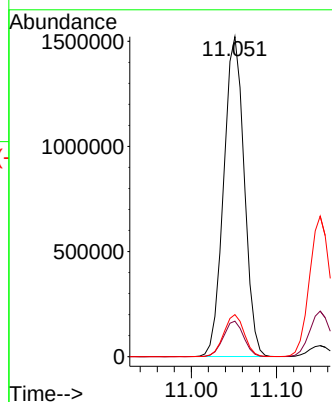
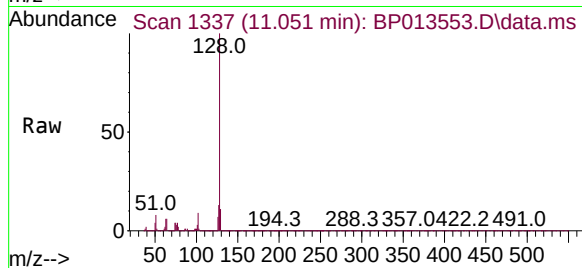




#31
Naphthalene
Concen: 37.348 ng
RT: 11.051 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

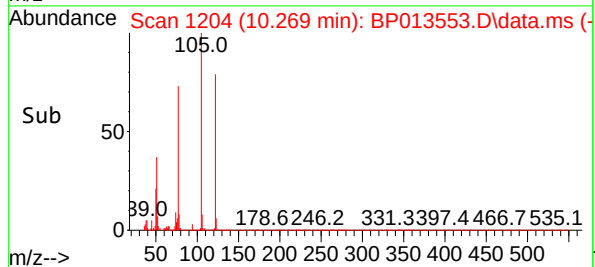
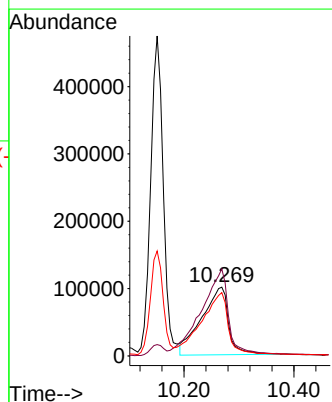
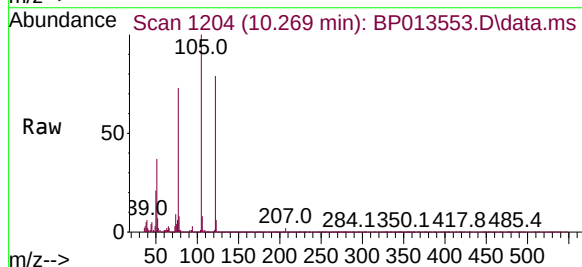
Instrument :
BNA_P
ClientSampleId :
ICVBP012323

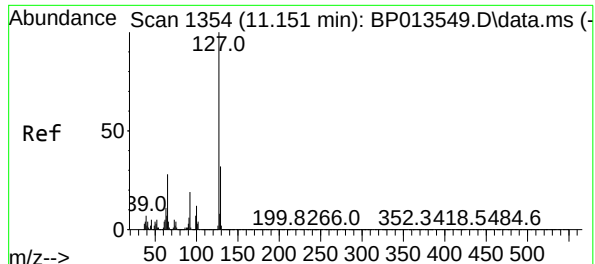
Tgt Ion:128 Resp: 2546353
Ion Ratio Lower Upper
128 100
129 11.1 8.5 12.7
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 40.030 ng
RT: 10.269 min Scan# 1204
Delta R.T. 0.012 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

Tgt Ion:122 Resp: 344121
Ion Ratio Lower Upper
122 100
105 126.6 100.5 140.5
77 92.0 70.9 110.9



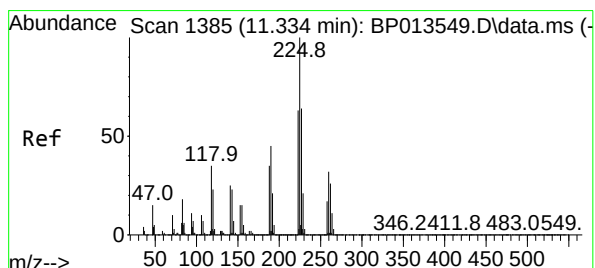
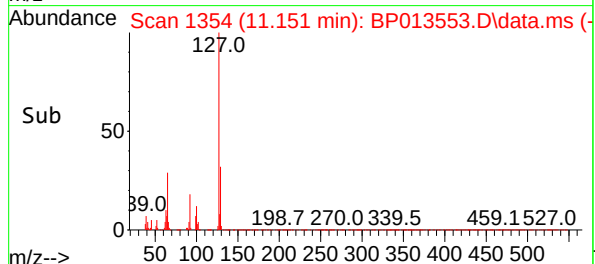
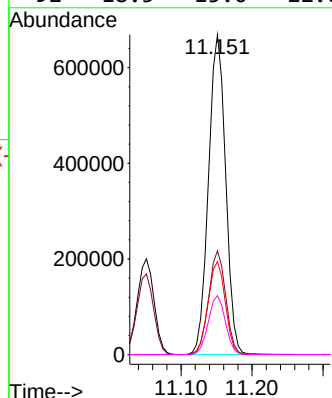
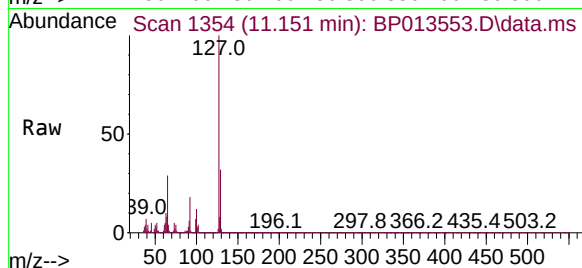


#33
4-Chloroaniline
Concen: 37.166 ng
RT: 11.151 min Scan# 1354
Delta R.T. -0.000 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

Instrument :
BNA_P
ClientSampleId :
ICVBP012323

Tgt Ion:127 Resp: 1121210

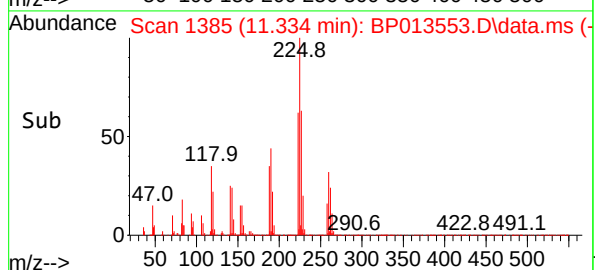
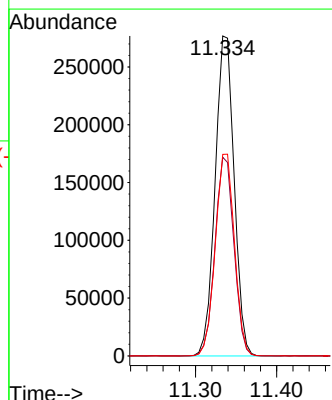
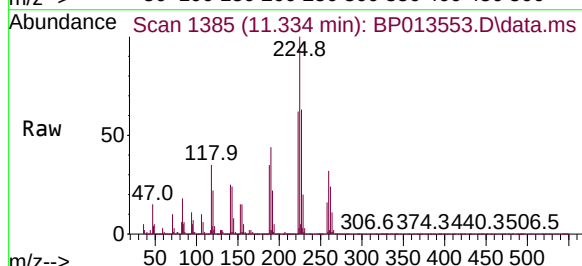
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.7	38.5
65	29.1	22.7	34.1
92	18.5	15.0	22.6

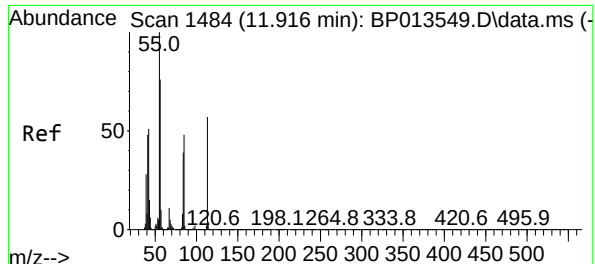


#34
Hexachlorobutadiene
Concen: 37.447 ng
RT: 11.334 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

Tgt Ion:225 Resp: 449944

Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.2	75.2
227	63.0	51.4	77.2

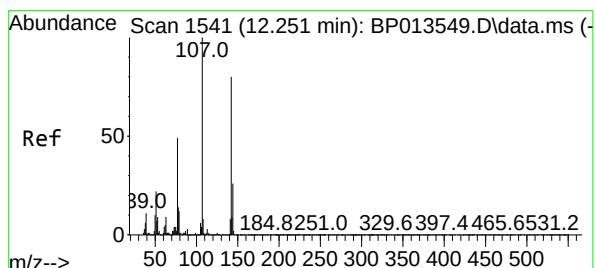
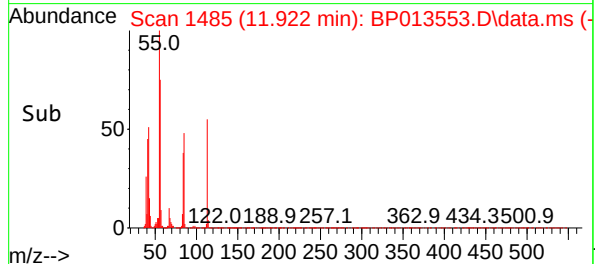
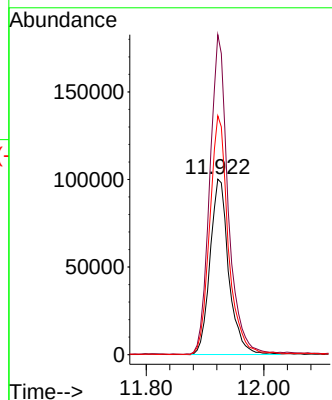
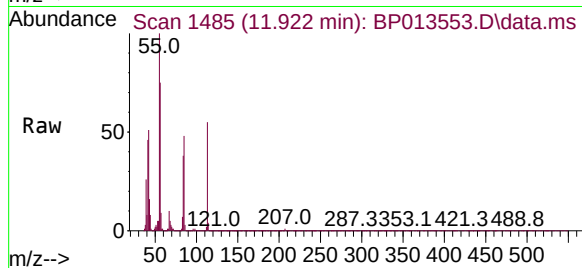




#35
Caprolactam
Concen: 37.701 ng
RT: 11.922 min Scan# 1485
Delta R.T. 0.006 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

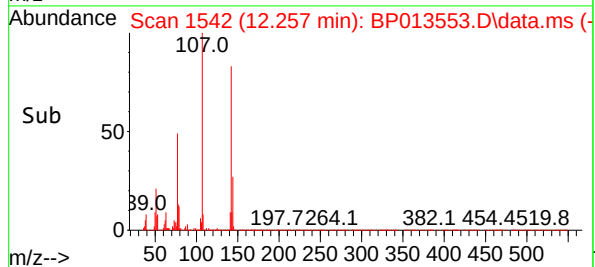
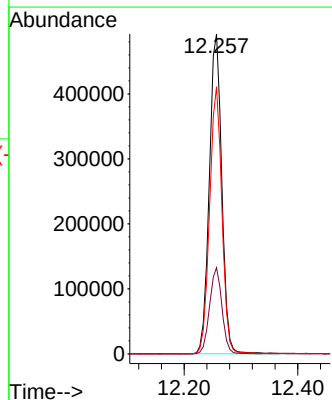
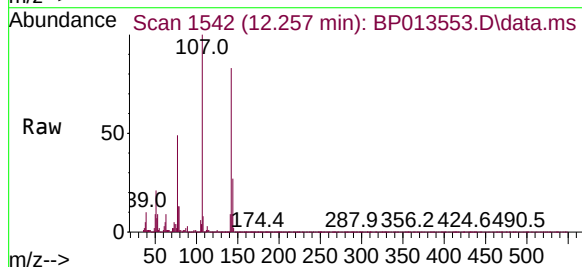
Instrument :
BNA_P
ClientSampleId :
ICVBP012323

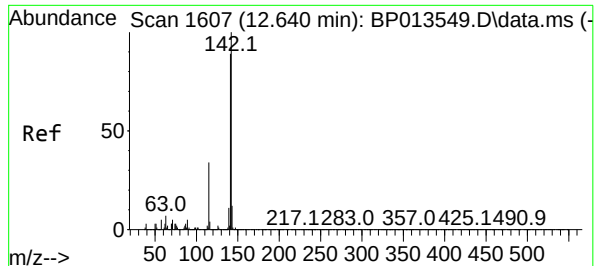
Tgt Ion:113 Resp: 221138
Ion Ratio Lower Upper
113 100
55 182.4 156.5 196.5
56 136.1 113.5 153.5



#36
4-Chloro-3-methylphenol
Concen: 38.267 ng
RT: 12.257 min Scan# 1542
Delta R.T. 0.006 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

Tgt Ion:107 Resp: 754003
Ion Ratio Lower Upper
107 100
144 26.9 21.1 31.7
142 83.5 64.0 96.0

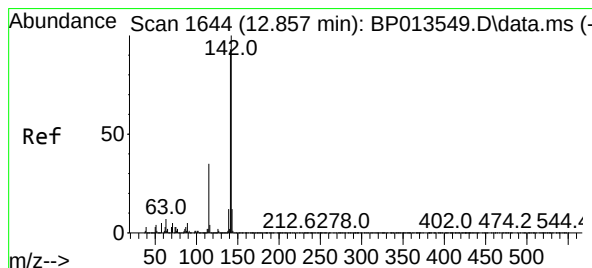
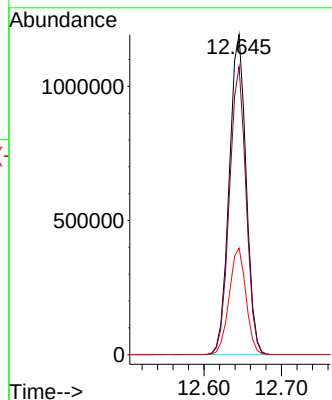
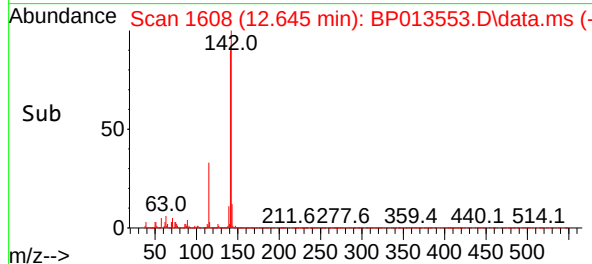
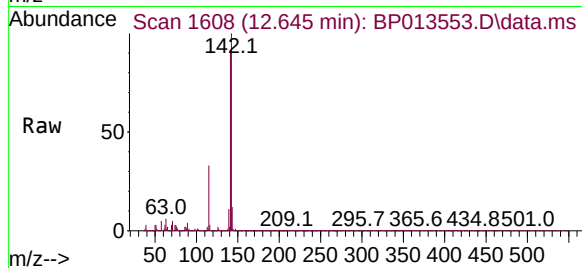




#37
2-Methylnaphthalene
Concen: 37.330 ng
RT: 12.645 min Scan# 1607
Delta R.T. 0.006 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

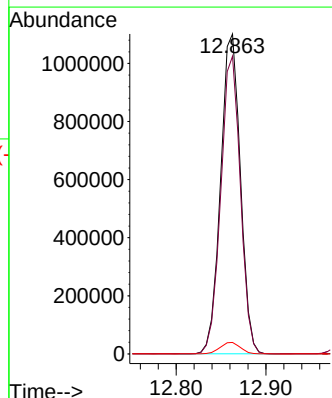
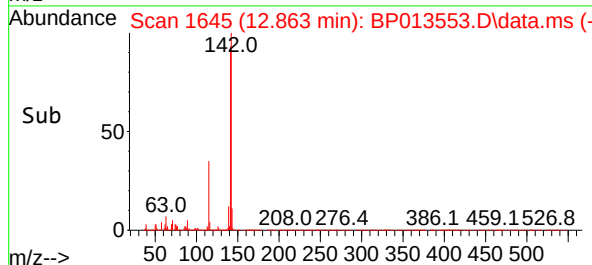
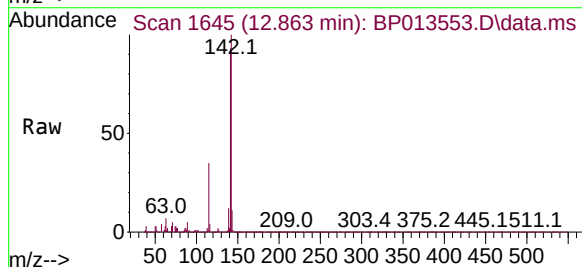
Instrument :
BNA_P
ClientSampleId :
ICVBP012323

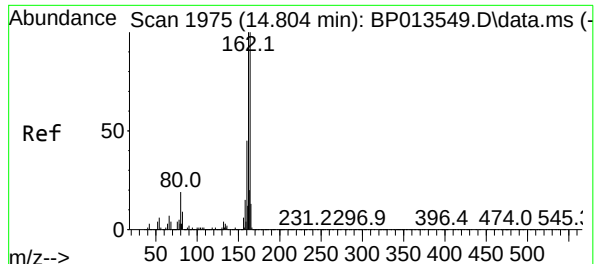
Tgt Ion:142 Resp: 1809077
Ion Ratio Lower Upper
142 100
141 90.0 71.4 107.2
115 33.3 27.4 41.2



#38
1-Methylnaphthalene
Concen: 37.148 ng
RT: 12.863 min Scan# 1645
Delta R.T. 0.006 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

Tgt Ion:142 Resp: 1691617
Ion Ratio Lower Upper
142 100
141 93.0 74.3 111.5
116 3.6 3.0 4.6

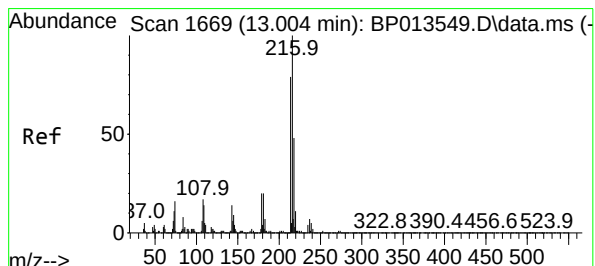
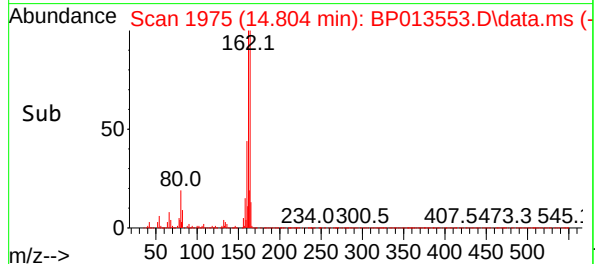
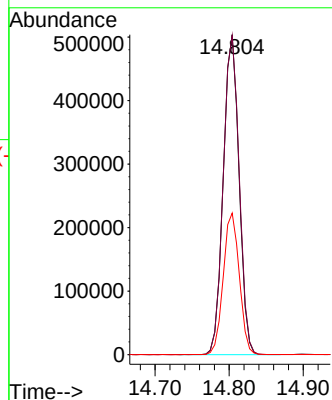
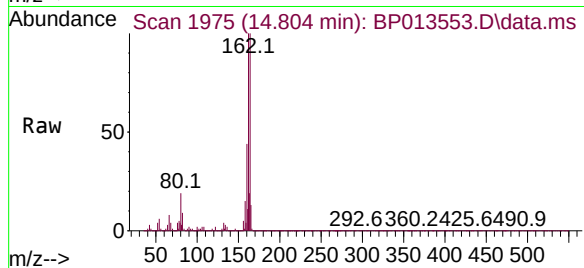




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.804 min Scan# 1975
Delta R.T. -0.000 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

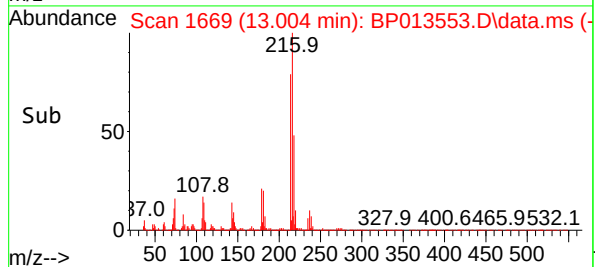
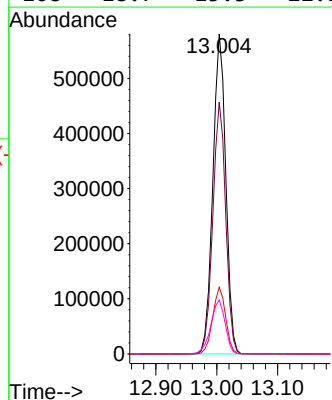
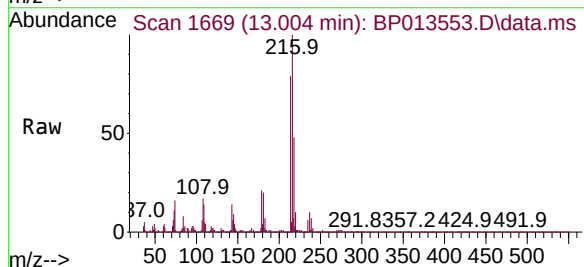
Instrument :
BNA_P
ClientSampleId :
ICVBP012323

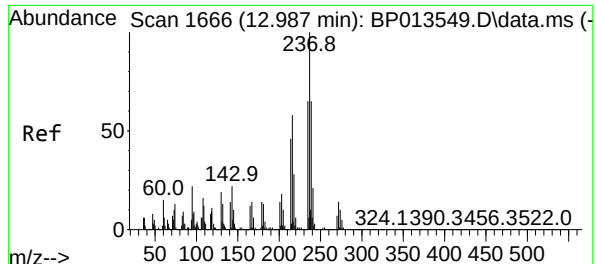
Tgt Ion:164 Resp: 742399
Ion Ratio Lower Upper
164 100
162 99.7 80.1 120.1
160 44.2 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.386 ng
RT: 13.004 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

Tgt Ion:216 Resp: 854510
Ion Ratio Lower Upper
216 100
214 78.5 62.9 94.3
179 20.9 16.6 24.8
108 18.7 15.3 22.9

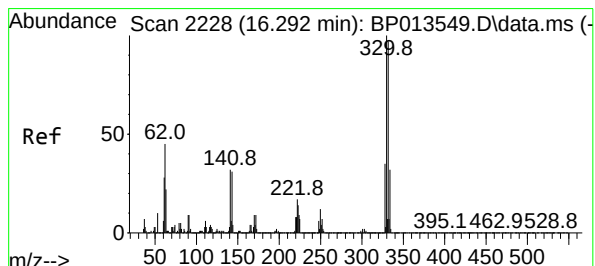
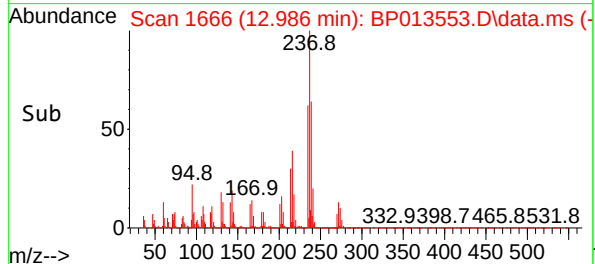
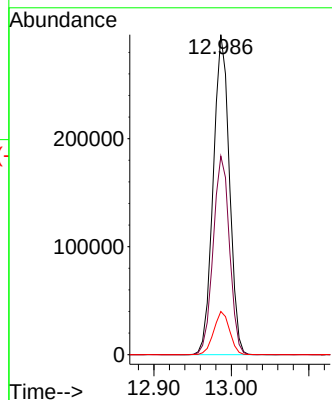
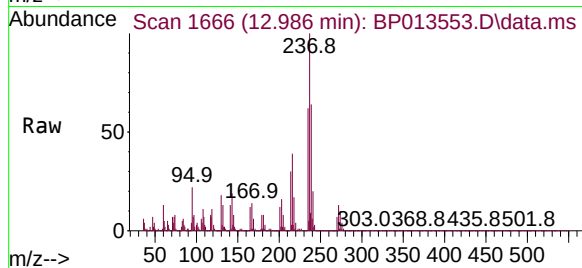




#41
Hexachlorocyclopentadiene
Concen: 37.871 ng
RT: 12.986 min Scan# 1666
Delta R.T. -0.001 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

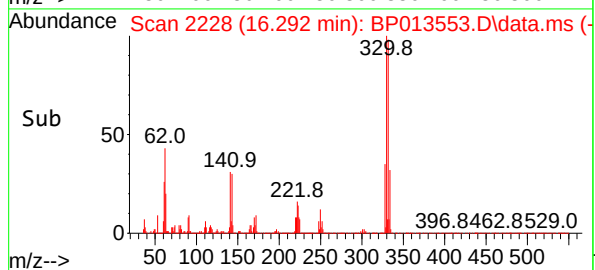
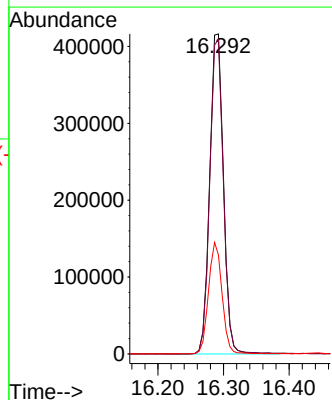
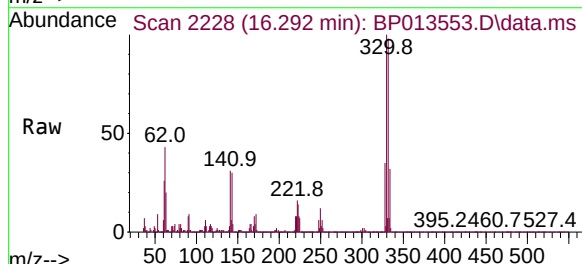
Instrument :
BNA_P
ClientSampleId :
ICVBP012323

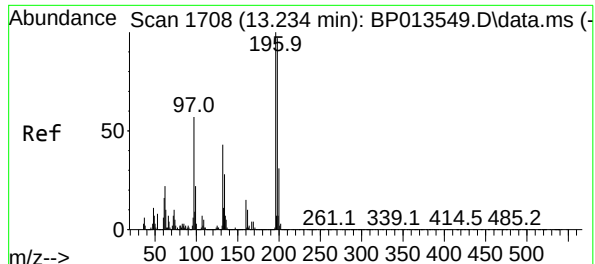
Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.0	44.6	84.6
272	13.5	0.0	33.9



#42
2,4,6-Tribromophenol
Concen: 81.396 ng
RT: 16.292 min Scan# 2228
Delta R.T. 0.000 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.4	116.2
141	34.3	27.6	41.4





#43

2,4,6-Trichlorophenol

Concen: 40.167 ng

RT: 13.239 min Scan# 1709

Delta R.T. 0.005 min

Lab File: BP013553.D

Acq: 23 Jan 2023 18:39

Instrument :

BNA_P

ClientSampleId :

ICVBP012323

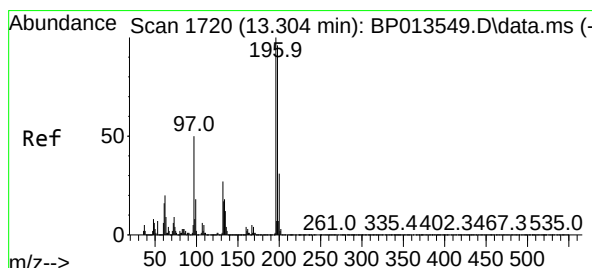
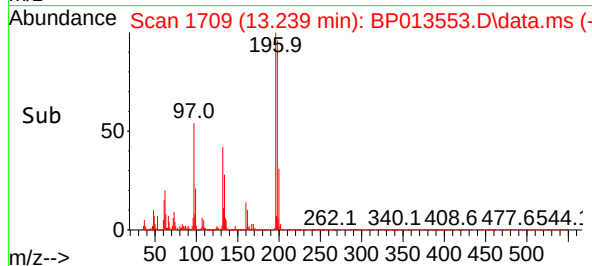
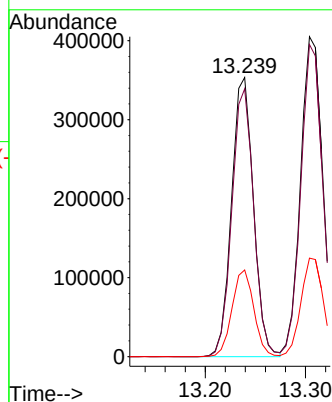
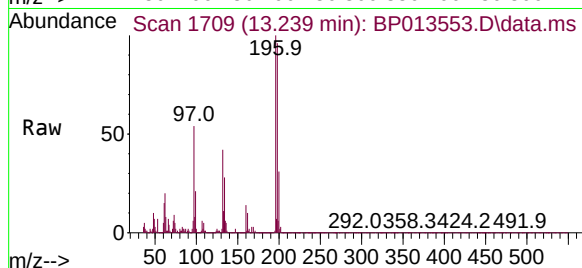
Tgt Ion:196 Resp: 537312

Ion Ratio Lower Upper

196 100

198 95.9 77.3 115.9

200 31.0 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 39.842 ng

RT: 13.304 min Scan# 1720

Delta R.T. -0.000 min

Lab File: BP013553.D

Acq: 23 Jan 2023 18:39

Tgt Ion:196 Resp: 629795

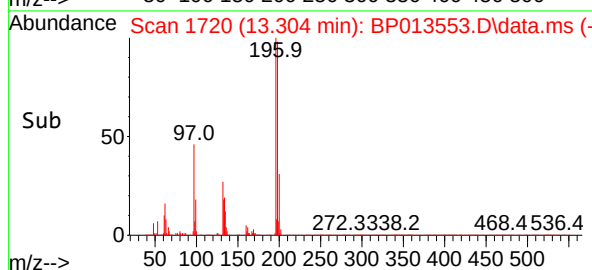
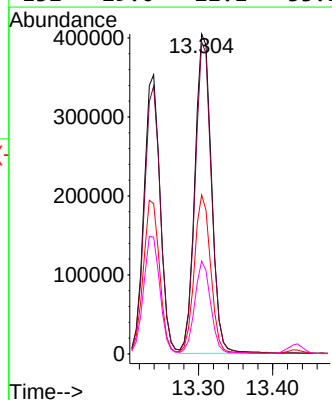
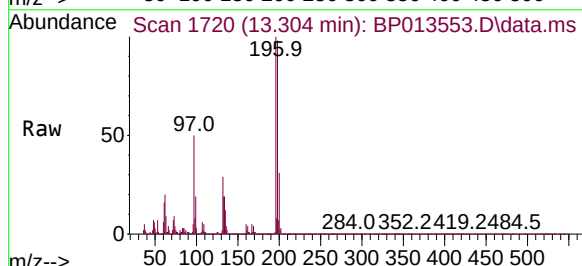
Ion Ratio Lower Upper

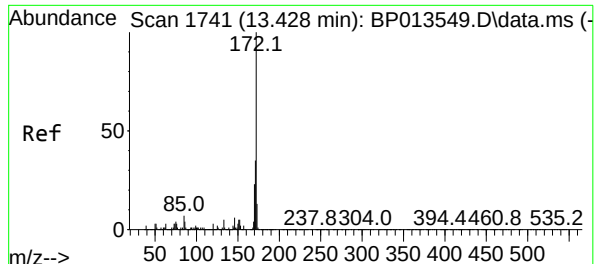
196 100

198 97.5 76.7 115.1

97 49.7 40.0 60.0

132 29.0 22.1 33.1

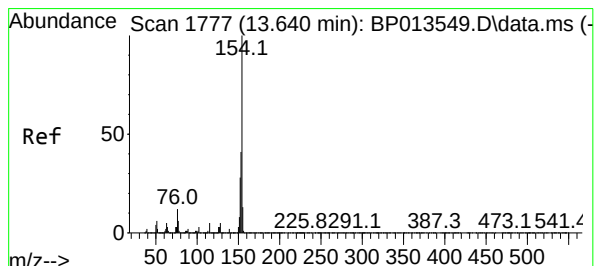
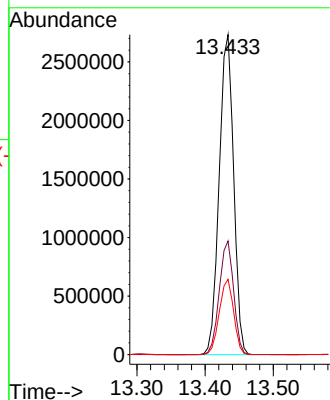
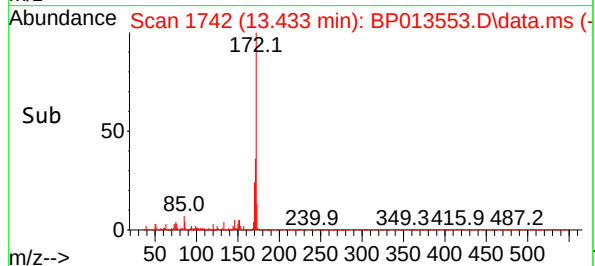
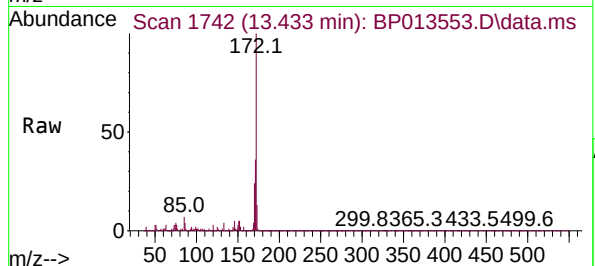




#45
2-Fluorobiphenyl
Concen: 73.903 ng
RT: 13.433 min Scan# 1741
Delta R.T. 0.006 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

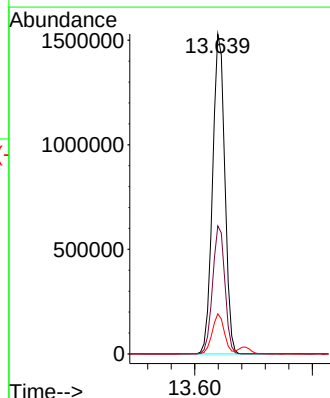
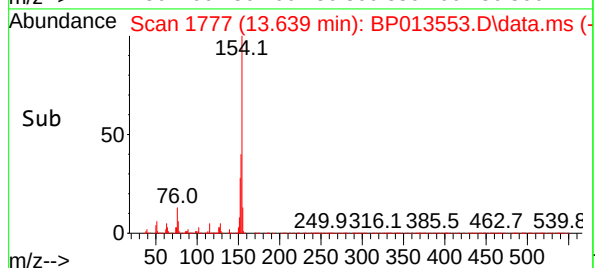
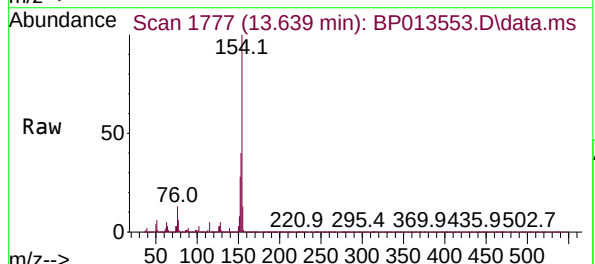
Instrument :
BNA_P
ClientSampleId :
ICVBP012323

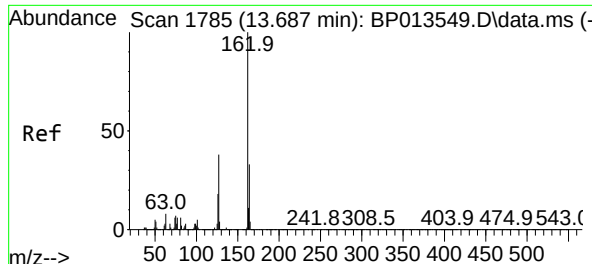
Tgt Ion:172 Resp: 3997051
Ion Ratio Lower Upper
172 100
171 35.5 27.8 41.8
170 23.5 18.6 27.8



#46
1,1'-Biphenyl
Concen: 36.918 ng
RT: 13.639 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

Tgt Ion:154 Resp: 2201142
Ion Ratio Lower Upper
154 100
153 40.0 20.5 60.5
76 12.5 0.0 32.1

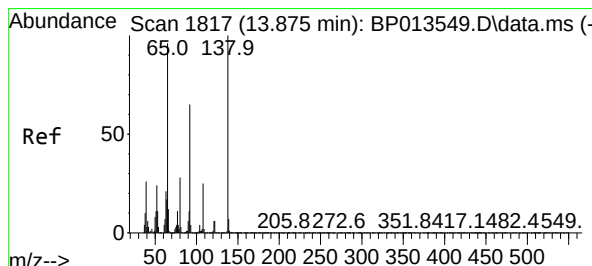
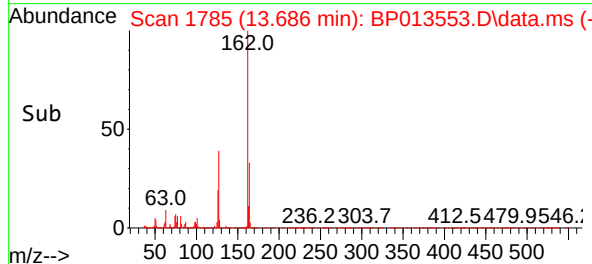
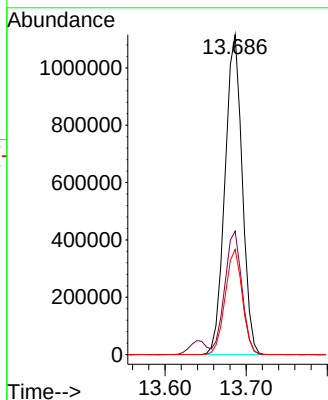
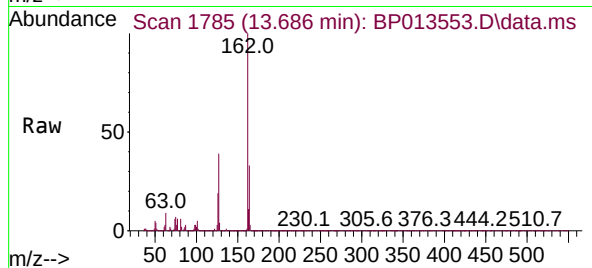




#47
2-Chloronaphthalene
Concen: 36.807 ng
RT: 13.686 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

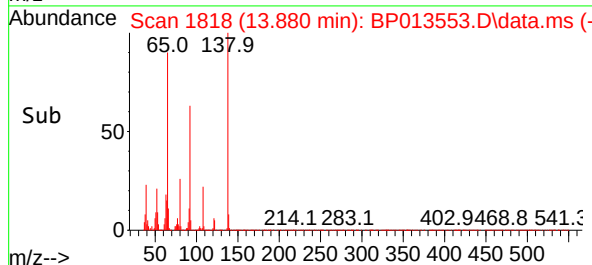
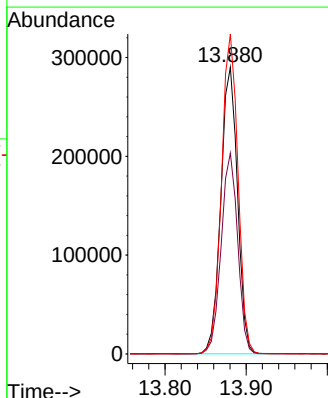
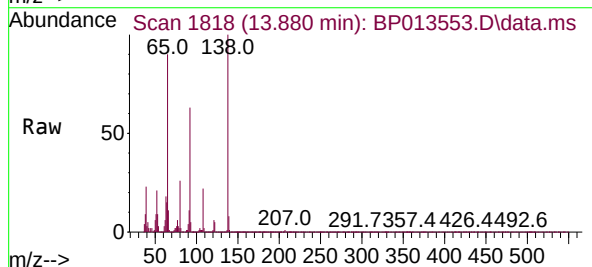
Instrument :
BNA_P
ClientSampleId :
ICVBP012323

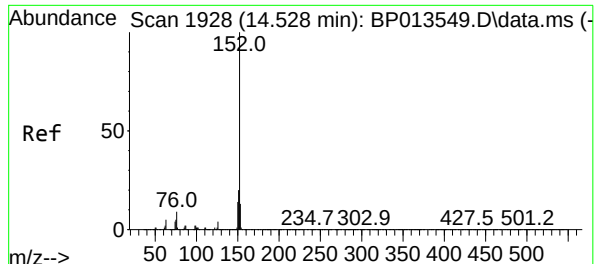
Tgt Ion:162 Resp: 1644062
Ion Ratio Lower Upper
162 100
127 38.6 30.8 46.2
164 32.9 26.2 39.2



#48
2-Nitroaniline
Concen: 38.427 ng
RT: 13.880 min Scan# 1818
Delta R.T. 0.005 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

Tgt Ion: 65 Resp: 413324
Ion Ratio Lower Upper
65 100
92 70.1 54.1 81.1
138 111.6 83.6 125.4





#49

Acenaphthylene

Concen: 37.127 ng

RT: 14.527 min Scan# 1928

Delta R.T. -0.000 min

Lab File: BP013553.D

Acq: 23 Jan 2023 18:39

Instrument :

BNA_P

ClientSampleId :

ICVBP012323

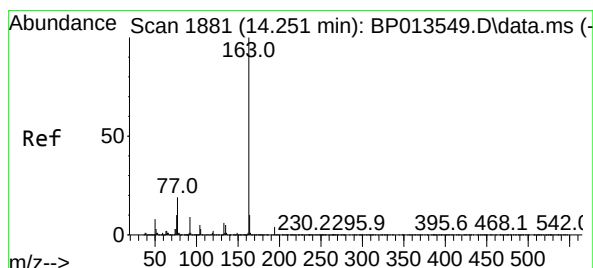
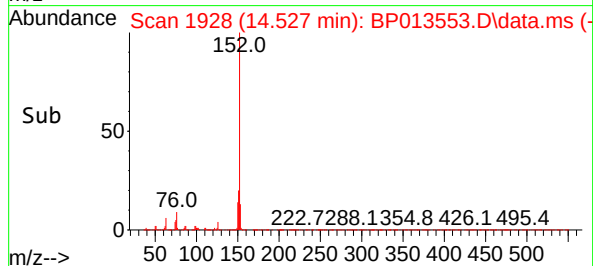
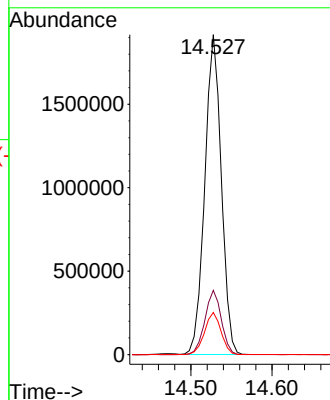
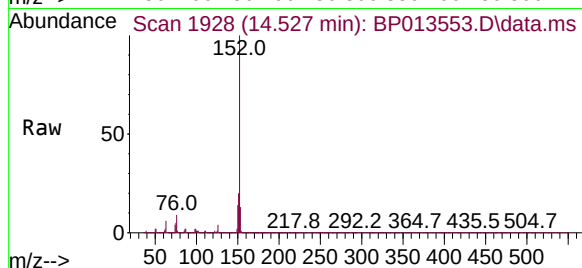
Tgt Ion:152 Resp: 2712057

Ion Ratio Lower Upper

152 100

151 20.1 16.1 24.1

153 13.2 10.1 15.1



#50

Dimethylphthalate

Concen: 37.097 ng

RT: 14.251 min Scan# 1881

Delta R.T. -0.000 min

Lab File: BP013553.D

Acq: 23 Jan 2023 18:39

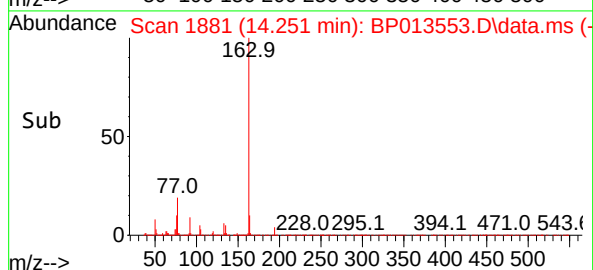
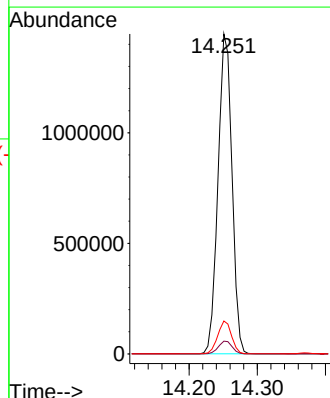
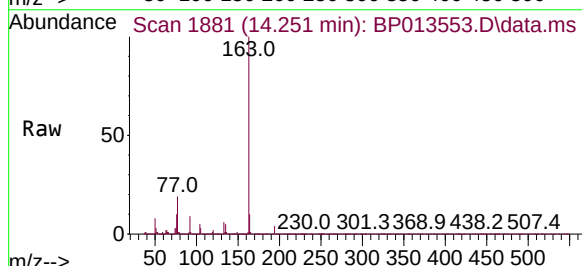
Tgt Ion:163 Resp: 2047265

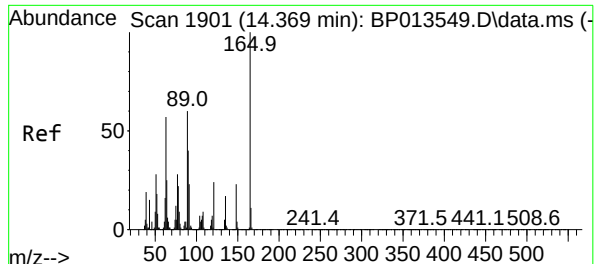
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.3 8.1 12.1

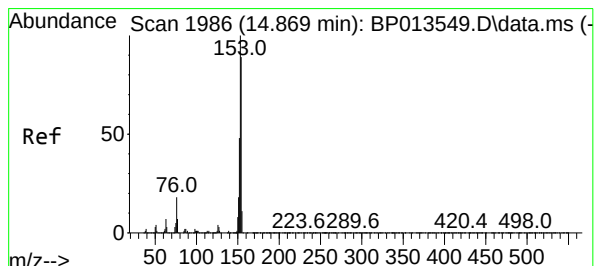
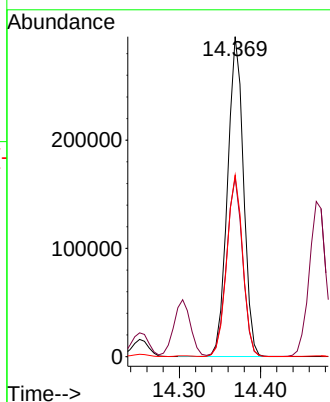
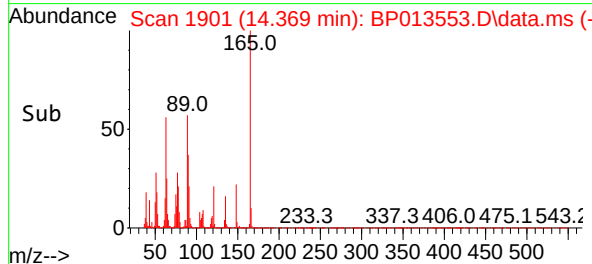
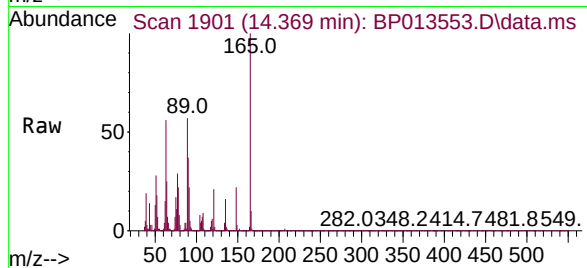




#51
2,6-Dinitrotoluene
Concen: 38.557 ng
RT: 14.369 min Scan# 1901
Delta R.T. -0.000 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

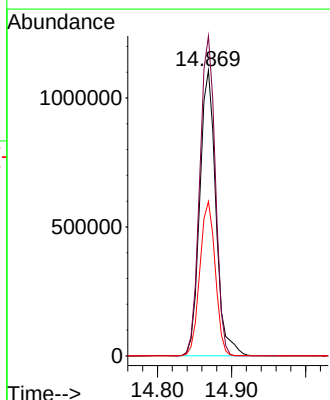
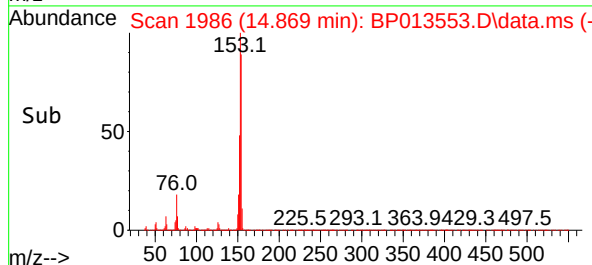
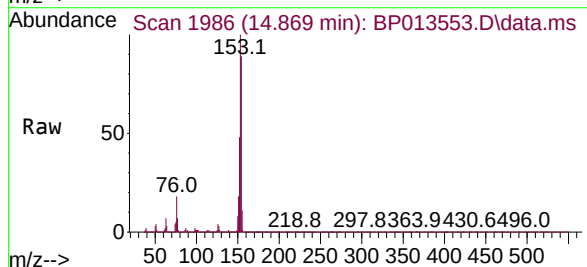
Instrument :
BNA_P
ClientSampleId :
ICVBP012323

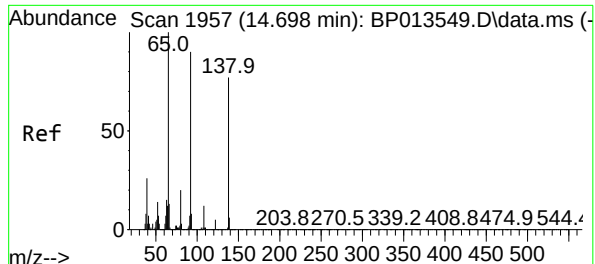
Tgt Ion:165 Resp: 403482
Ion Ratio Lower Upper
165 100
63 56.0 47.2 70.8
89 56.7 47.8 71.6



#52
Acenaphthene
Concen: 37.017 ng
RT: 14.869 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

Tgt Ion:154 Resp: 1670309
Ion Ratio Lower Upper
154 100
153 112.1 89.4 134.0
152 54.1 42.7 64.1

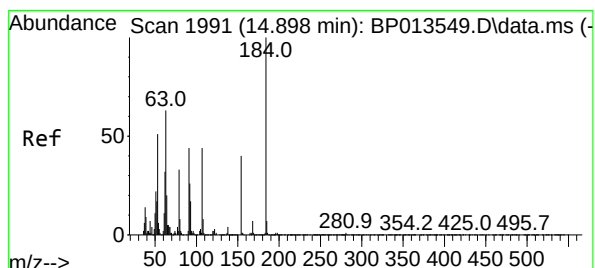
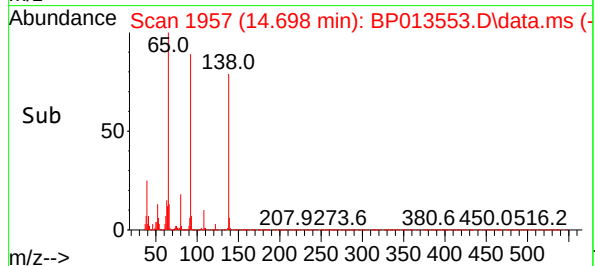
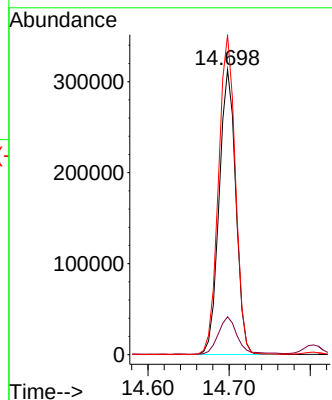
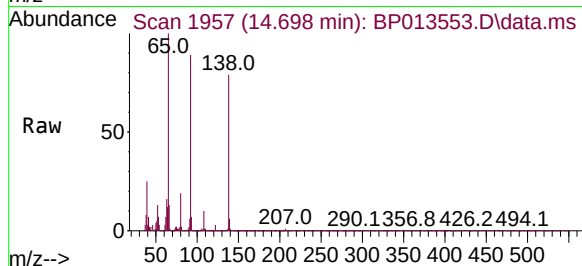




#53
3-Nitroaniline
Concen: 37.428 ng
RT: 14.698 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

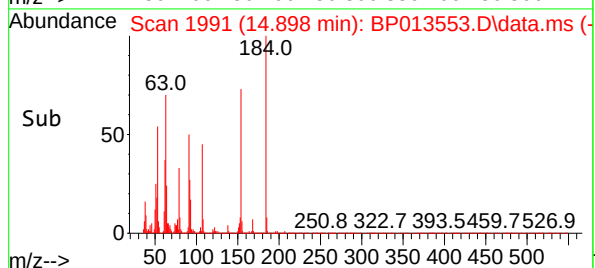
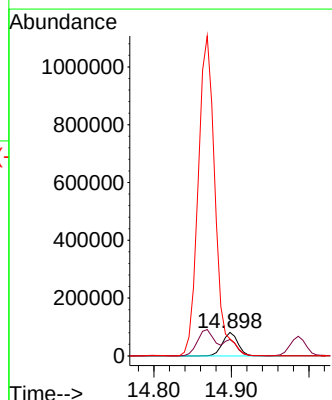
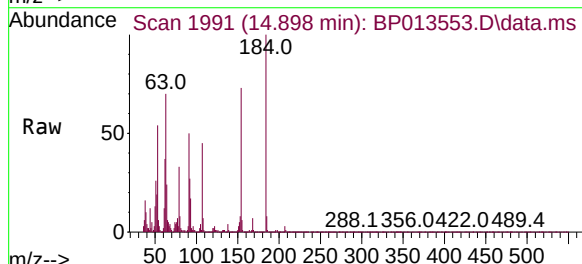
Instrument :
BNA_P
ClientSampleId :
ICVBP012323

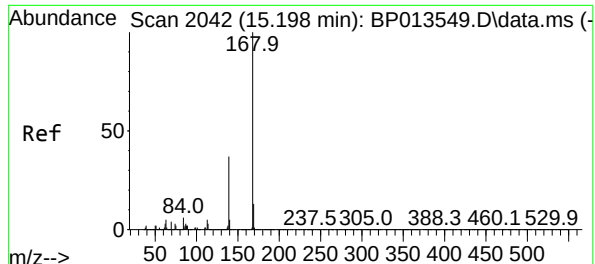
Tgt Ion:138 Resp: 445177
Ion Ratio Lower Upper
138 100
108 13.3 12.8 19.2
92 112.4 93.3 139.9



#54
2,4-Dinitrophenol
Concen: 43.064 ng
RT: 14.898 min Scan# 1991
Delta R.T. 0.000 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

Tgt Ion:184 Resp: 111953
Ion Ratio Lower Upper
184 100
63 70.0 53.2 79.8
154 73.2 54.4 81.6





#55

Dibenzofuran

Concen: 36.802 ng

RT: 15.198 min Scan# 2042

Delta R.T. -0.000 min

Lab File: BP013553.D

Acq: 23 Jan 2023 18:39

Instrument :

BNA_P

ClientSampleId :

ICVBP012323

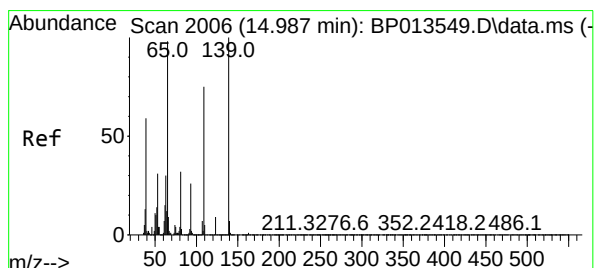
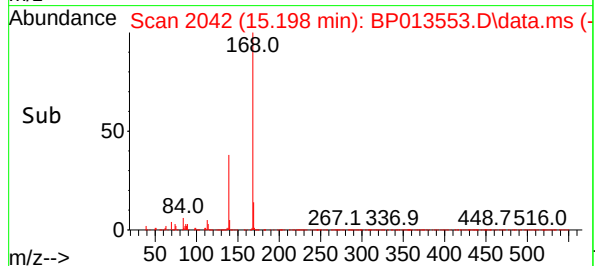
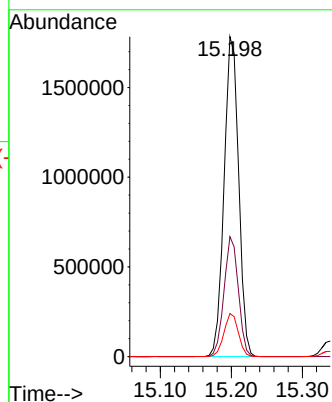
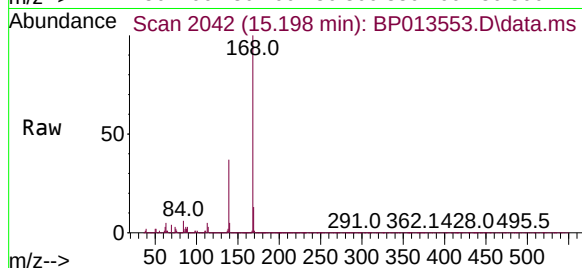
Tgt Ion:168 Resp: 2546417

Ion Ratio Lower Upper

168 100

139 37.5 29.9 44.9

169 13.5 10.7 16.1



#56

4-Nitrophenol

Concen: 38.535 ng

RT: 14.986 min Scan# 2006

Delta R.T. -0.001 min

Lab File: BP013553.D

Acq: 23 Jan 2023 18:39

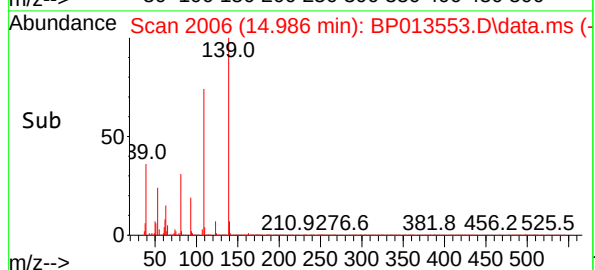
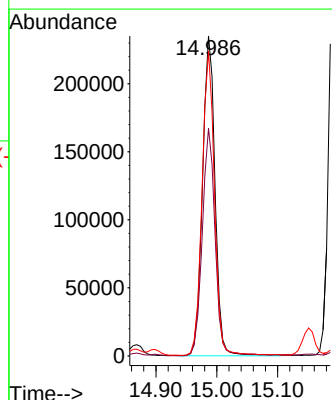
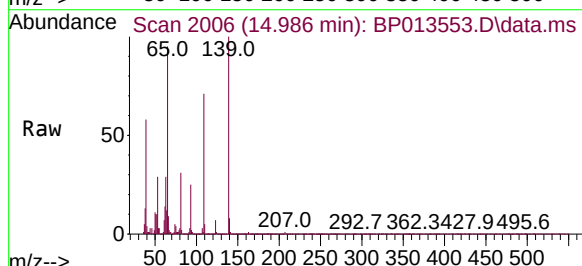
Tgt Ion:139 Resp: 333310

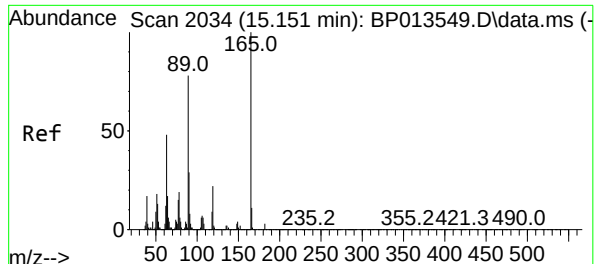
Ion Ratio Lower Upper

139 100

109 71.2 55.0 95.0

65 95.3 77.7 117.7





#57

2,4-Dinitrotoluene

Concen: 39.531 ng

RT: 15.151 min Scan# 2034

Delta R.T. -0.000 min

Lab File: BP013553.D

Acq: 23 Jan 2023 18:39

Instrument :

BNA_P

ClientSampleId :

ICVBP012323

Tgt Ion:165 Resp: 492524

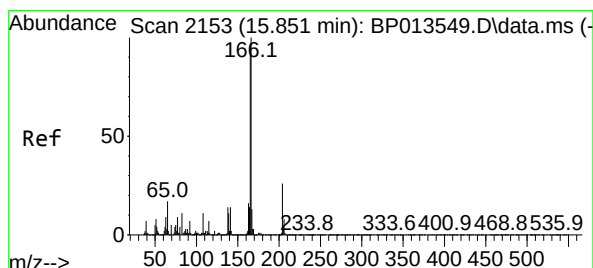
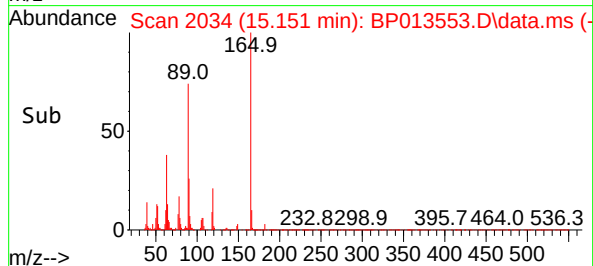
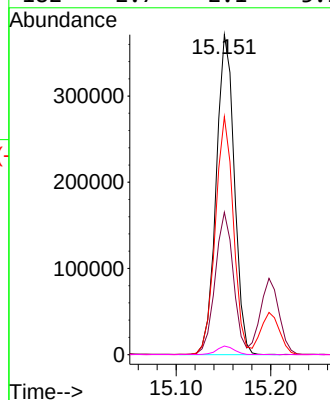
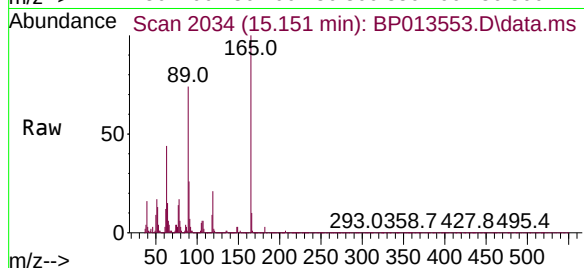
Ion Ratio Lower Upper

165 100

63 44.5 38.3 57.5

89 74.3 62.1 93.1

182 2.7 2.1 3.1



#58

Fluorene

Concen: 36.362 ng

RT: 15.851 min Scan# 2153

Delta R.T. -0.000 min

Lab File: BP013553.D

Acq: 23 Jan 2023 18:39

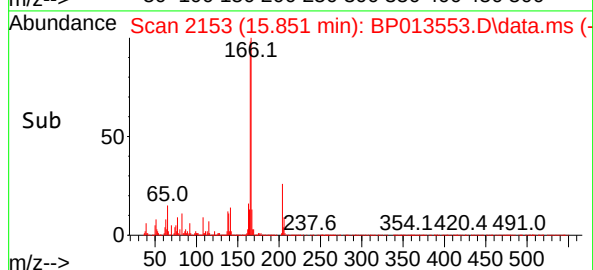
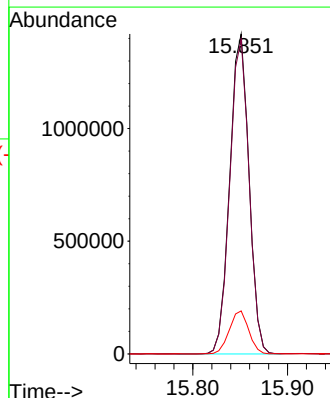
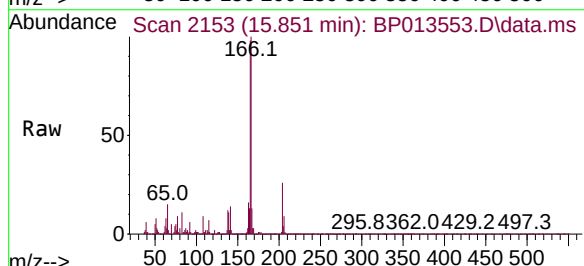
Tgt Ion:166 Resp: 1999752

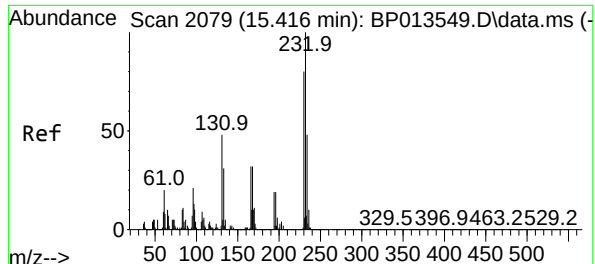
Ion Ratio Lower Upper

166 100

165 98.3 77.8 116.8

167 13.4 10.7 16.1

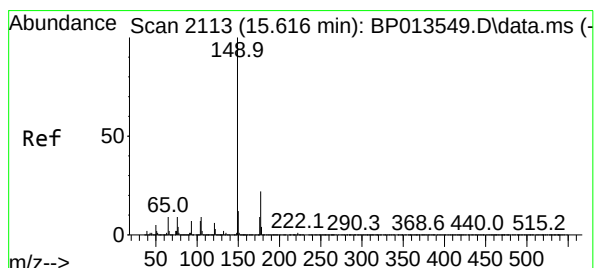
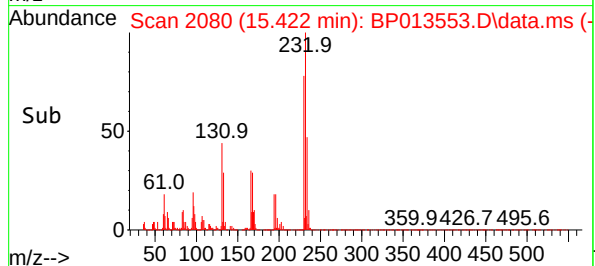
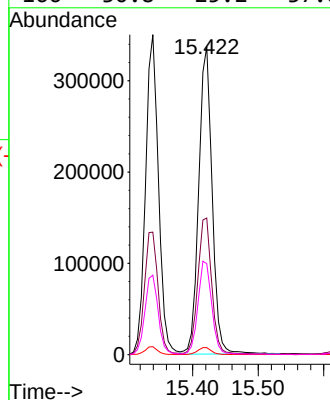
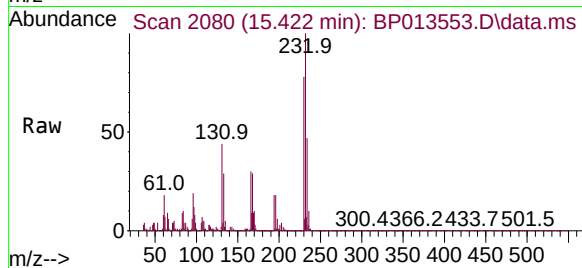




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.318 ng
RT: 15.422 min Scan# 2079
Delta R.T. 0.006 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

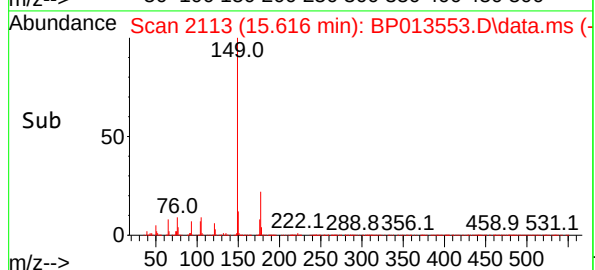
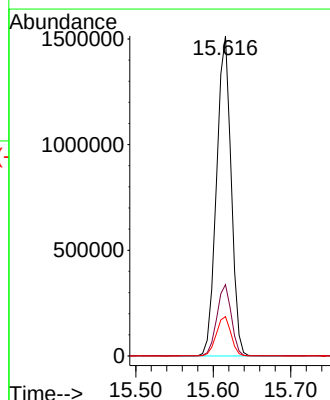
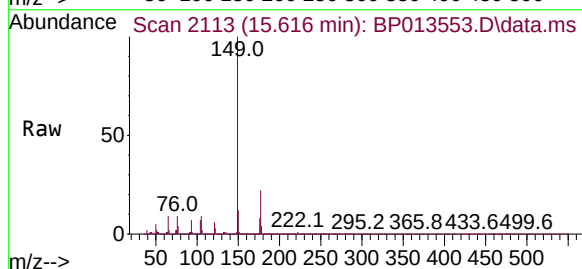
Instrument :
BNA_P
ClientSampleId :
ICVBP012323

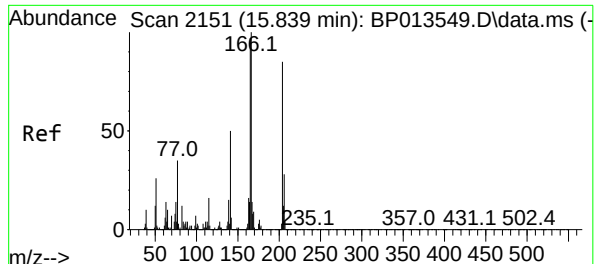
Tgt Ion:232 Resp: 477233
Ion Ratio Lower Upper
232 100
131 45.8 37.1 55.7
130 2.4 1.9 2.9
166 30.8 25.2 37.8



#60
Diethylphthalate
Concen: 36.672 ng
RT: 15.616 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

Tgt Ion:149 Resp: 1976649
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.6
150 12.3 9.8 14.6

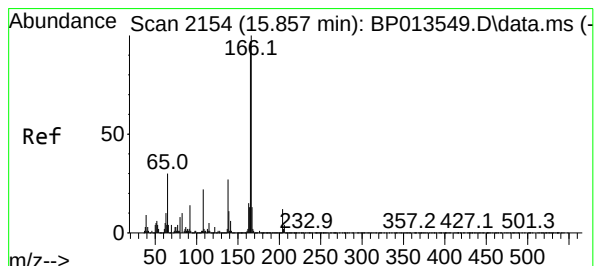
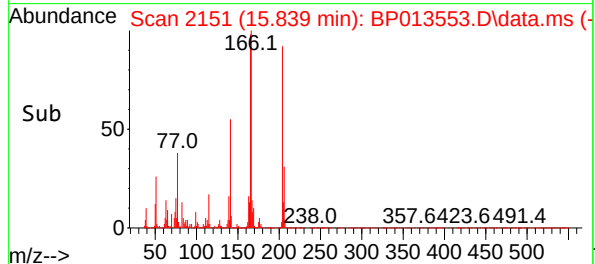
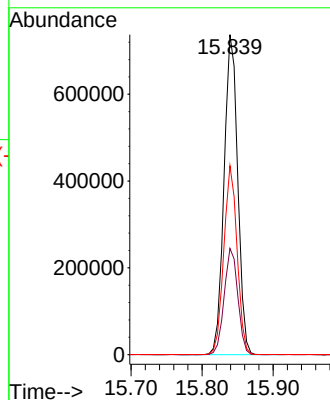
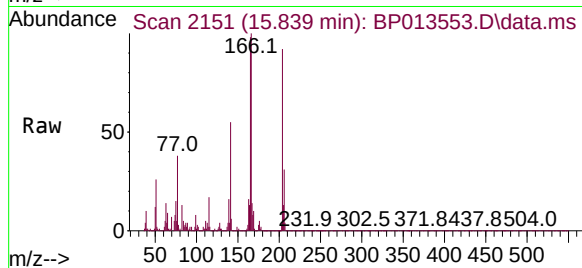




#61
4-Chlorophenyl-phenylether
Concen: 36.516 ng
RT: 15.839 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

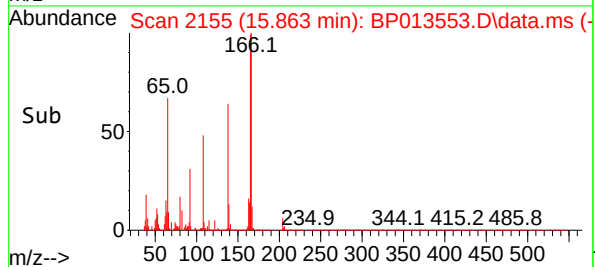
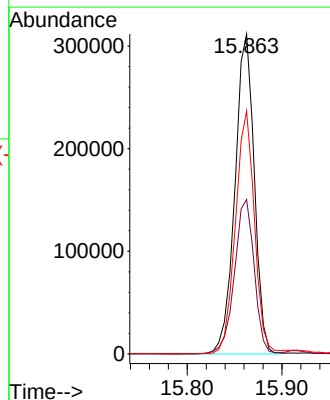
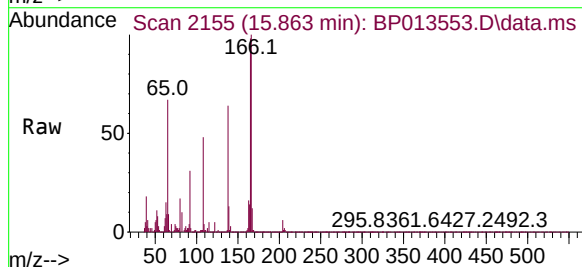
Instrument :
BNA_P
ClientSampleId :
ICVBP012323

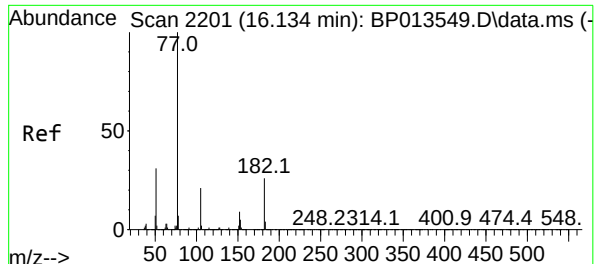
Tgt Ion:204 Resp: 987451
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 59.0 47.0 70.4



#62
4-Nitroaniline
Concen: 38.280 ng
RT: 15.863 min Scan# 2155
Delta R.T. 0.006 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

Tgt Ion:138 Resp: 442006
Ion Ratio Lower Upper
138 100
92 48.3 32.3 72.3
108 75.9 59.2 99.2



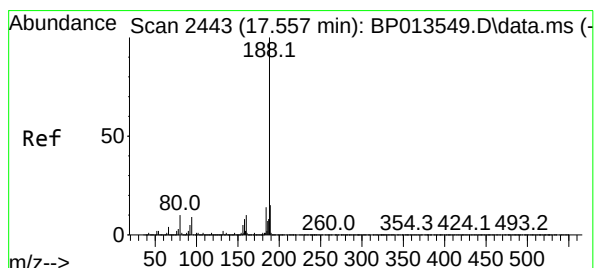
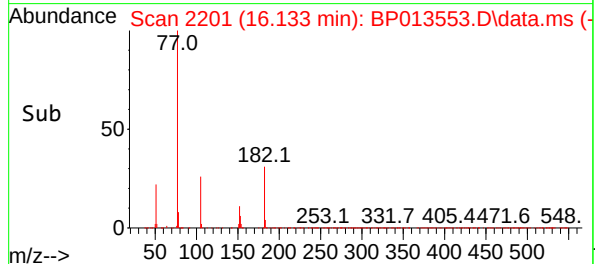
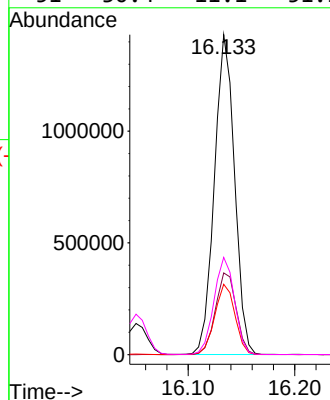
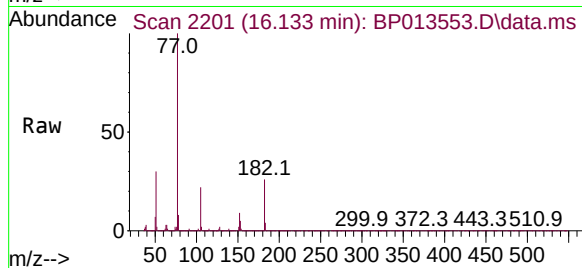


#63
Azobenzene
Concen: 35.955 ng
RT: 16.133 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

Instrument :
BNA_P
ClientSampleId :
ICVBP012323

Tgt Ion: 77 Resp: 1883157

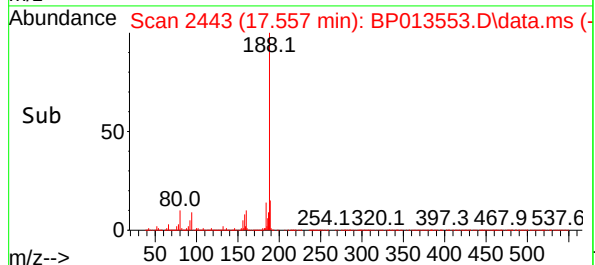
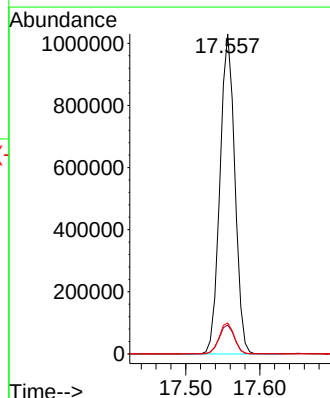
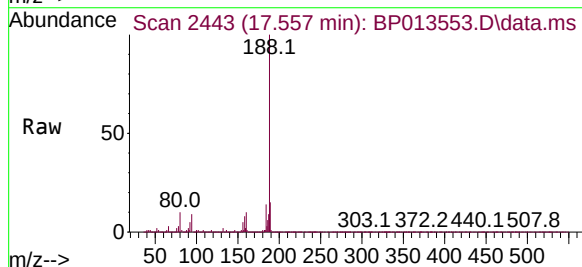
Ion	Ratio	Lower	Upper
77	100		
182	25.5	5.5	45.5
105	22.0	1.4	41.4
51	30.4	11.1	51.1

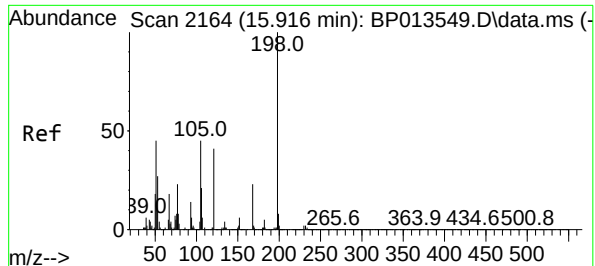


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.557 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

Tgt Ion: 188 Resp: 1433898

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	9.7	8.2	12.2

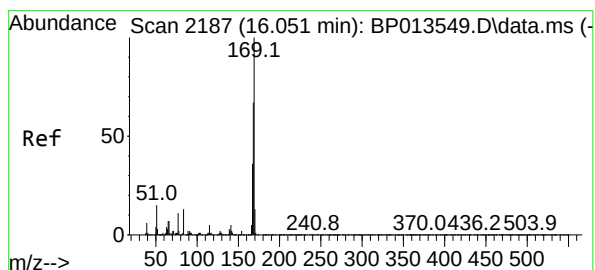
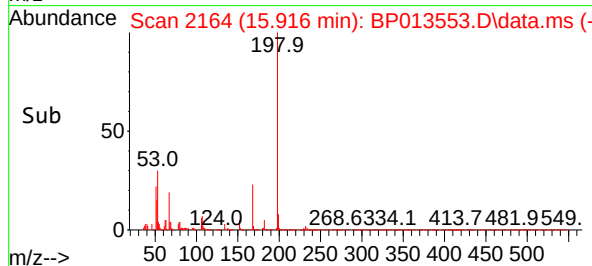
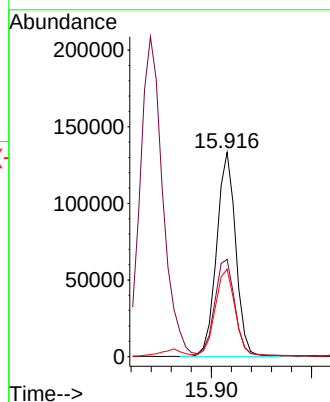
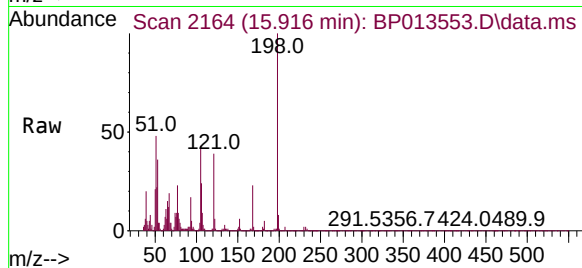




#65
4,6-Dinitro-2-methylphenol
Concen: 42.678 ng
RT: 15.916 min Scan# 2164
Delta R.T. -0.000 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

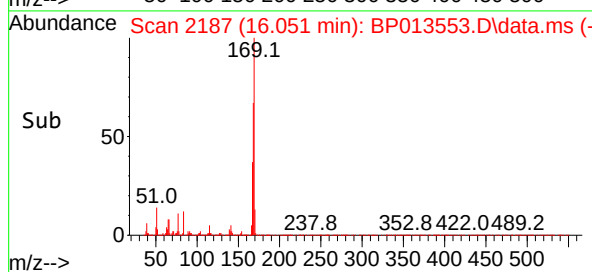
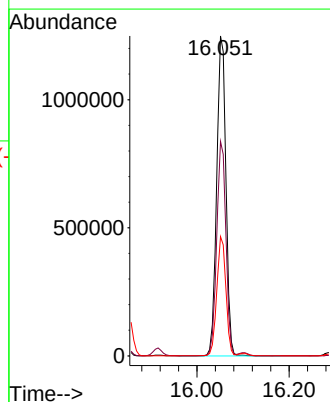
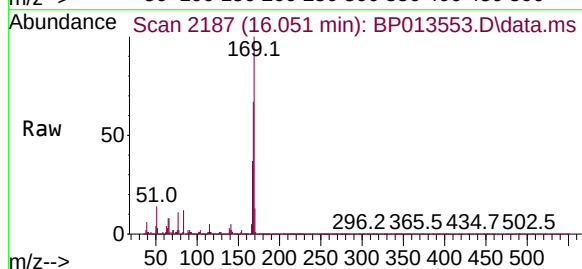
Instrument :
BNA_P
ClientSampleId :
ICVBP012323

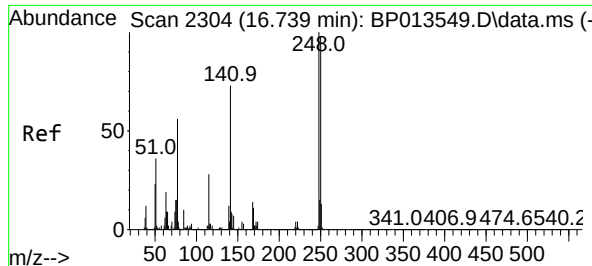
Tgt Ion:198 Resp: 175879
Ion Ratio Lower Upper
198 100
51 47.6 30.4 70.4
105 42.9 26.4 66.4



#66
n-Nitrosodiphenylamine
Concen: 36.849 ng
RT: 16.051 min Scan# 2187
Delta R.T. -0.000 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

Tgt Ion:169 Resp: 1723086
Ion Ratio Lower Upper
169 100
168 67.0 54.0 81.0
167 37.3 29.0 43.6

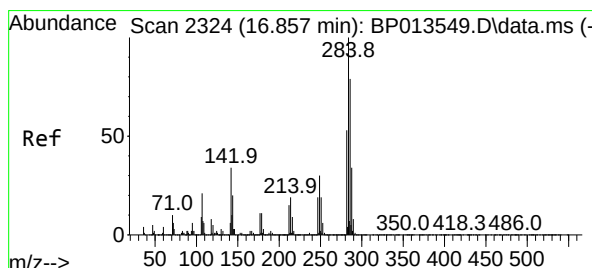
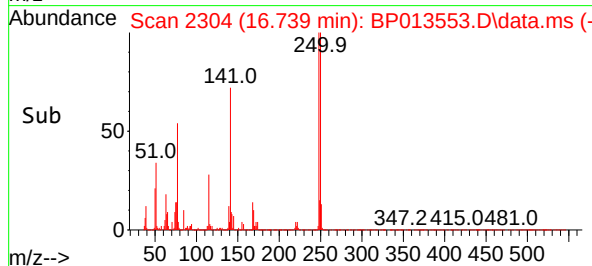
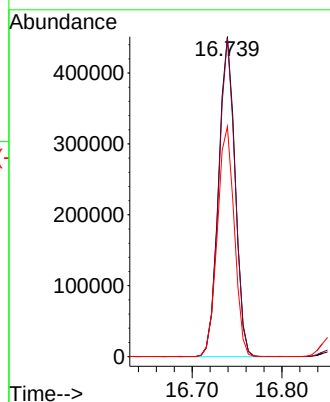
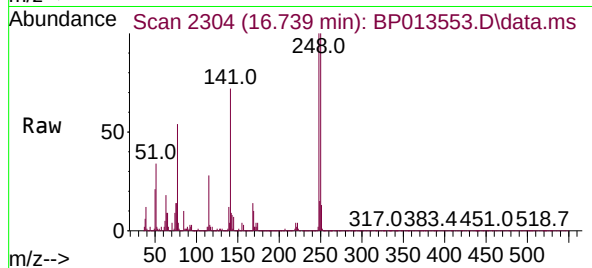




#67
4-Bromophenyl-phenylether
Concen: 36.344 ng
RT: 16.739 min Scan# 2304
Delta R.T. -0.000 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

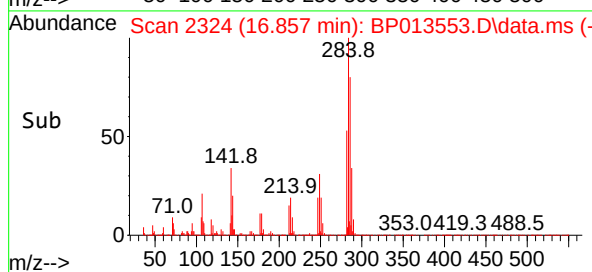
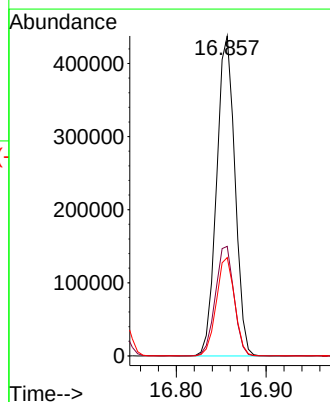
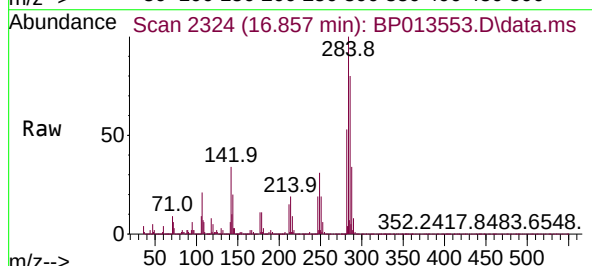
Instrument :
BNA_P
ClientSampleId :
ICVBP012323

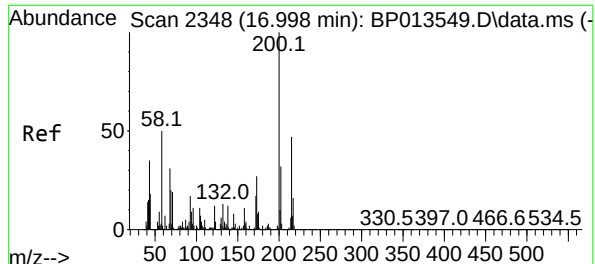
Tgt Ion:248 Resp: 577260
Ion Ratio Lower Upper
248 100
250 99.5 78.1 117.1
141 71.9 58.1 87.1



#68
Hexachlorobenzene
Concen: 36.389 ng
RT: 16.857 min Scan# 2324
Delta R.T. -0.000 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

Tgt Ion:284 Resp: 624311
Ion Ratio Lower Upper
284 100
142 34.2 27.3 40.9
249 30.7 24.0 36.0

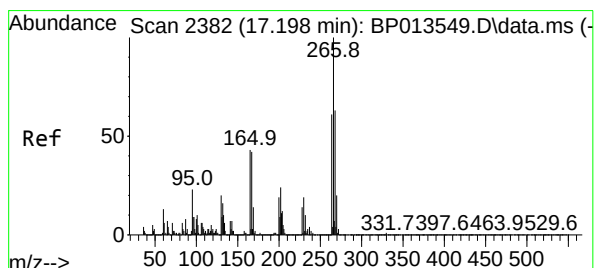
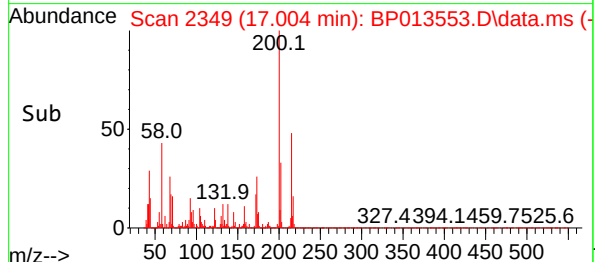
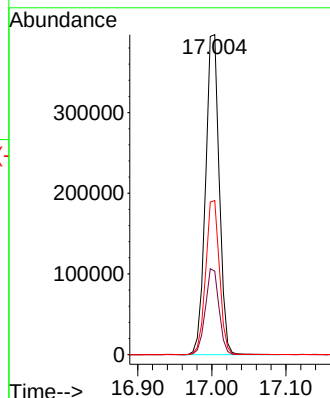
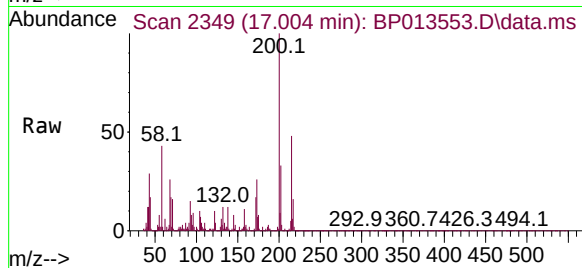




#69
Atrazine
Concen: 38.029 ng
RT: 17.004 min Scan# 2349
Delta R.T. 0.006 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

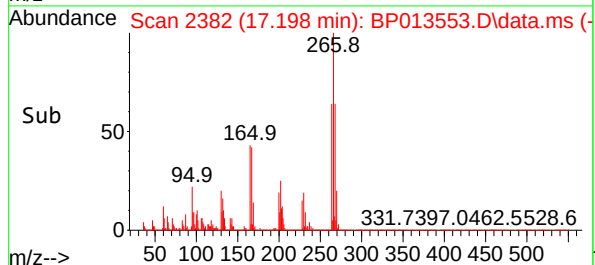
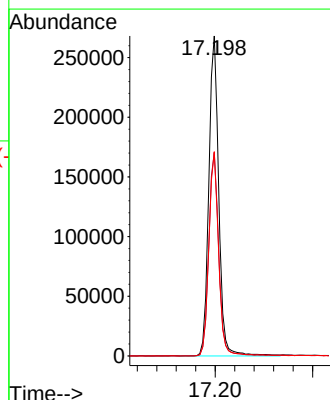
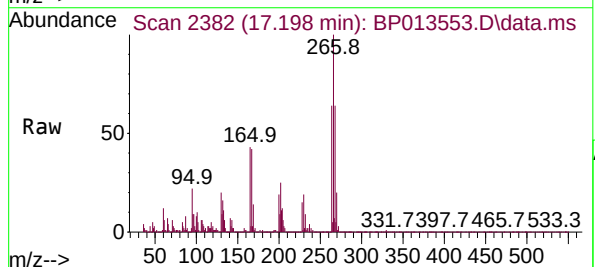
Instrument :
BNA_P
ClientSampleId :
ICVBP012323

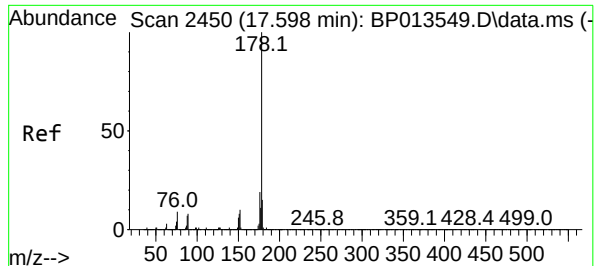
Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.1	7.2	47.2
215	48.1	27.3	67.3



#70
Pentachlorophenol
Concen: 36.445 ng
RT: 17.198 min Scan# 2382
Delta R.T. -0.000 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	50.7	76.1
264	63.8	48.9	73.3

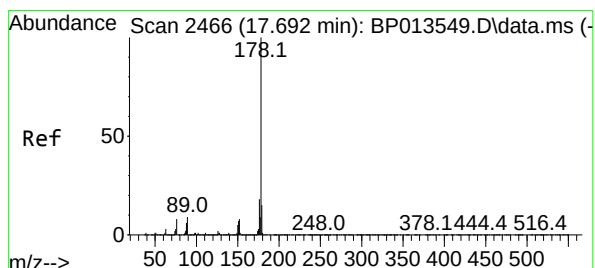
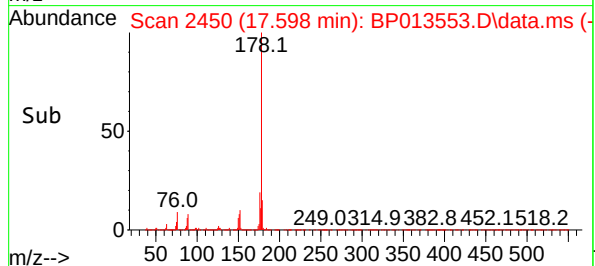
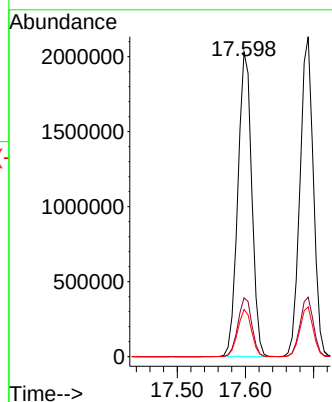
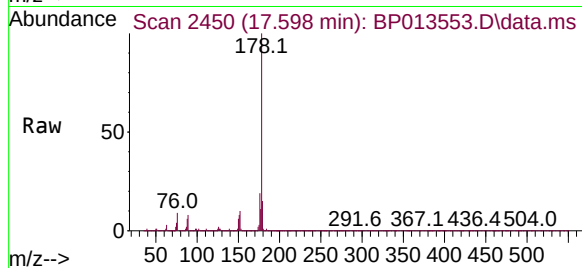




#71
Phenanthrene
Concen: 36.016 ng
RT: 17.598 min Scan# 2450
Delta R.T. -0.000 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

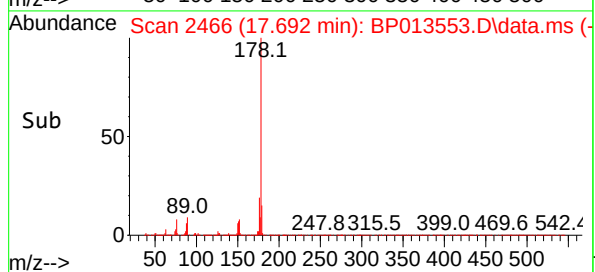
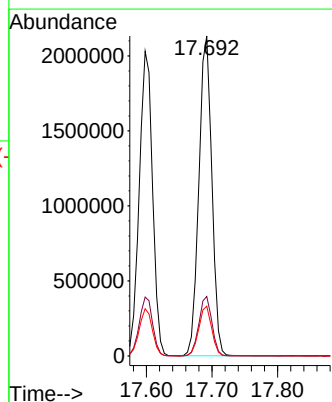
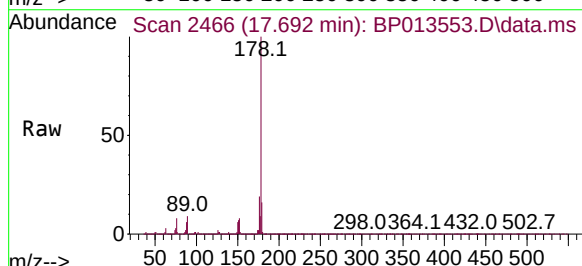
Instrument :
BNA_P
ClientSampleId :
ICVBP012323

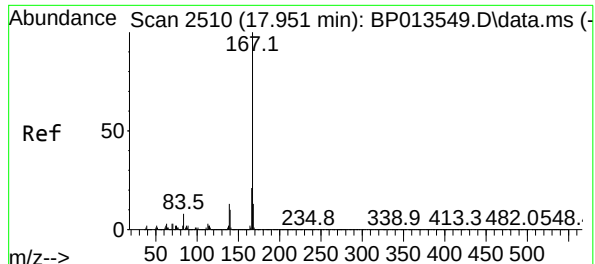
Tgt Ion:178 Resp: 2873356
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.5 12.2 18.4



#72
Anthracene
Concen: 35.926 ng
RT: 17.692 min Scan# 2466
Delta R.T. -0.000 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

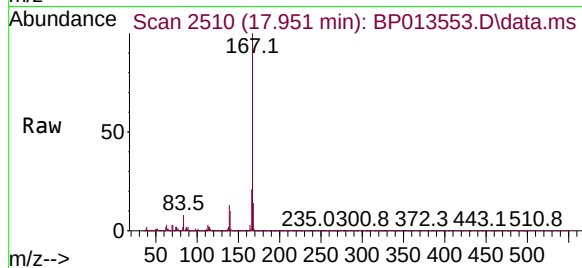
Tgt Ion:178 Resp: 2909016
Ion Ratio Lower Upper
178 100
176 18.6 14.6 22.0
179 15.5 12.3 18.5



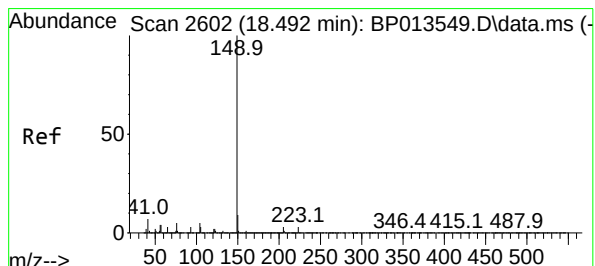
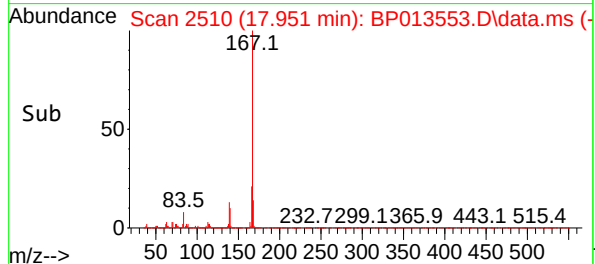
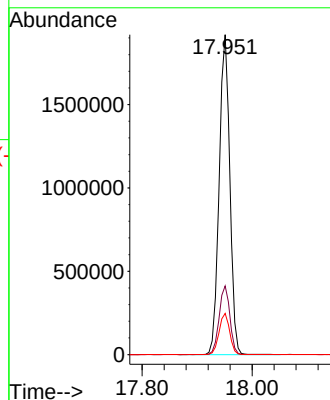


#73
Carbazole
Concen: 35.281 ng
RT: 17.951 min Scan# 2510
Delta R.T. -0.000 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

Instrument :
BNA_P
ClientSampleId :
ICVBP012323

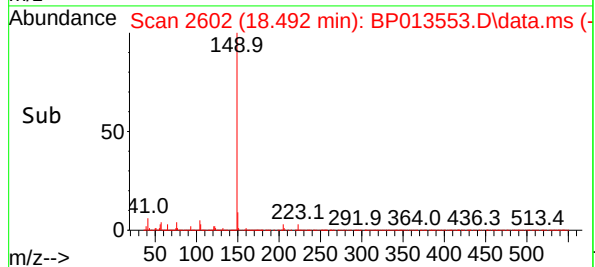
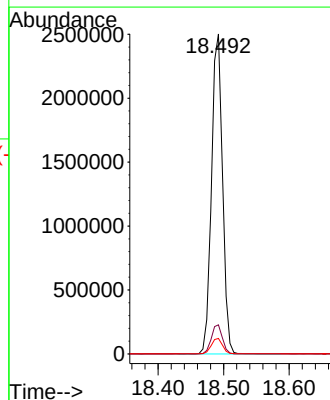
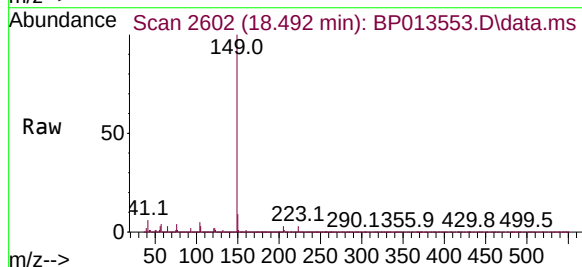


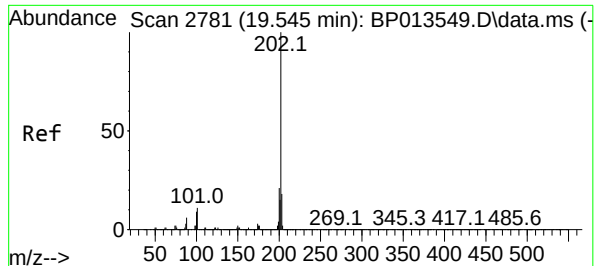
Tgt Ion:167 Resp: 2567345
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 12.9 10.3 15.5



#74
Di-n-butylphthalate
Concen: 35.932 ng
RT: 18.492 min Scan# 2602
Delta R.T. -0.000 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

Tgt Ion:149 Resp: 2910043
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 4.8 3.9 5.9

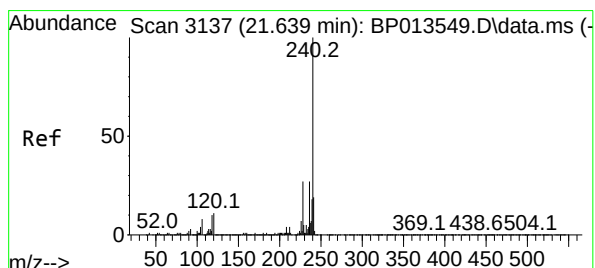
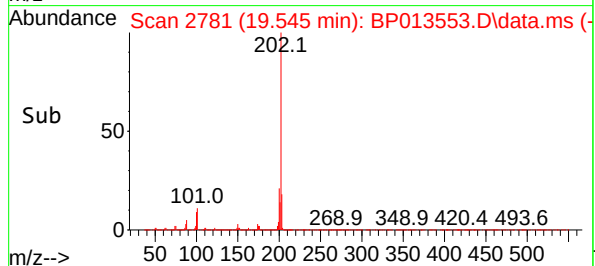
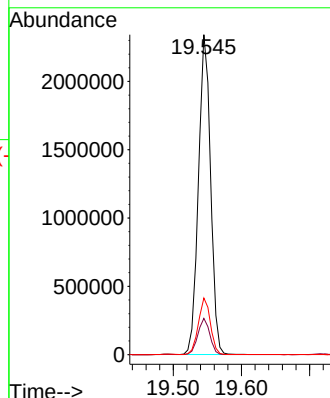
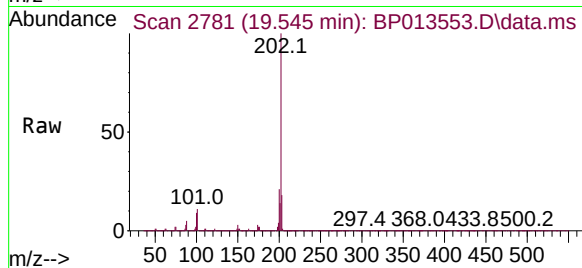




#75
Fluoranthene
Concen: 34.200 ng
RT: 19.545 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

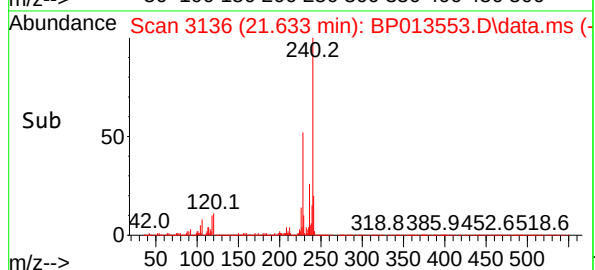
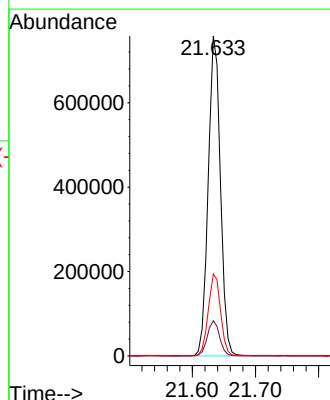
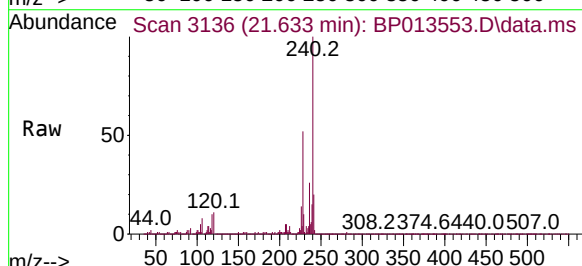
Instrument :
BNA_P
ClientSampleId :
ICVBP012323

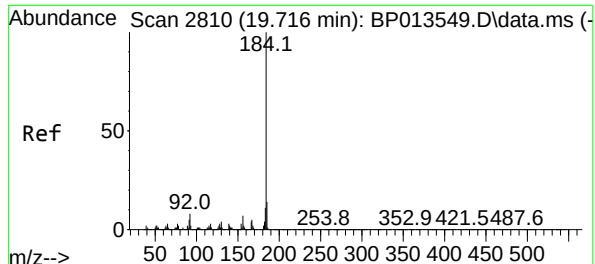
Tgt Ion:202 Resp: 2901574
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.4
203 17.7 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.633 min Scan# 3136
Delta R.T. -0.006 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

Tgt Ion:240 Resp: 1015368
Ion Ratio Lower Upper
240 100
120 11.0 8.6 13.0
236 25.6 21.3 31.9





#77

Benzidine

Concen: 40.020 ng

RT: 19.715 min Scan# 2810

Delta R.T. -0.000 min

Lab File: BP013553.D

Acq: 23 Jan 2023 18:39

Instrument :

BNA_P

ClientSampleId :

ICVBP012323

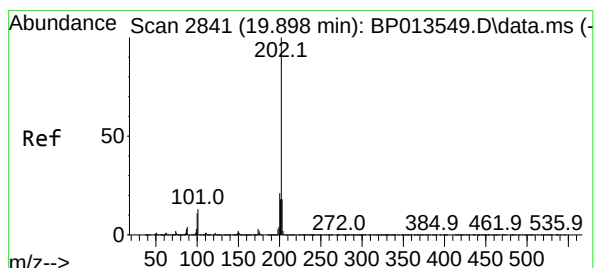
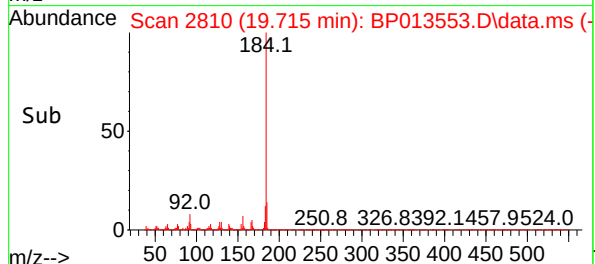
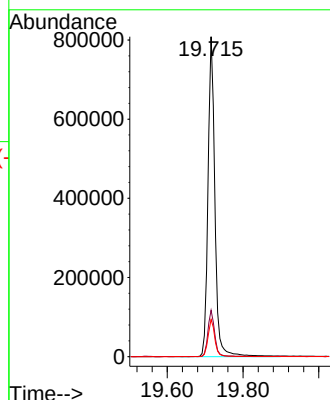
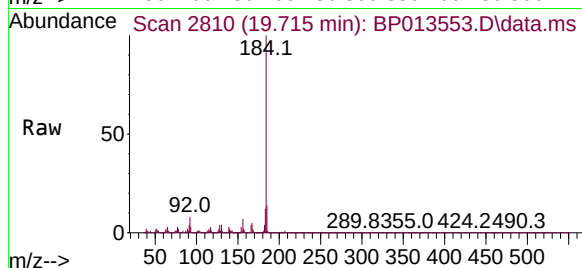
Tgt Ion:184 Resp: 1022006

Ion Ratio Lower Upper

184 100

185 14.5 11.5 17.3

183 11.6 9.0 13.6



#78

Pyrene

Concen: 38.191 ng

RT: 19.898 min Scan# 2841

Delta R.T. -0.000 min

Lab File: BP013553.D

Acq: 23 Jan 2023 18:39

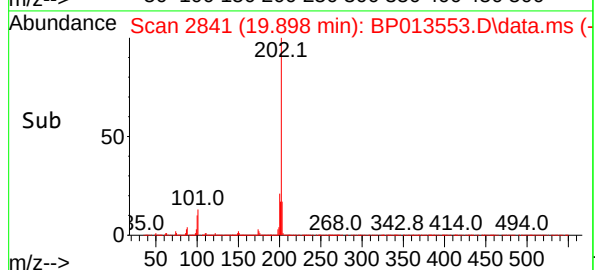
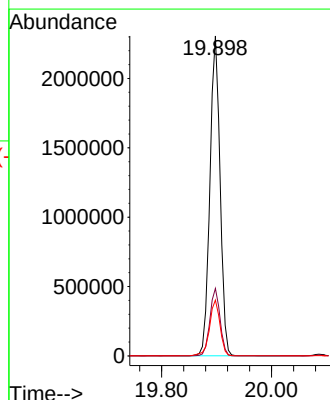
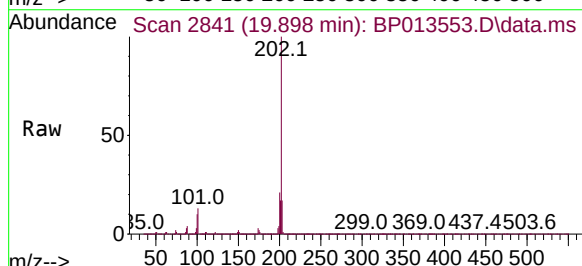
Tgt Ion:202 Resp: 2965108

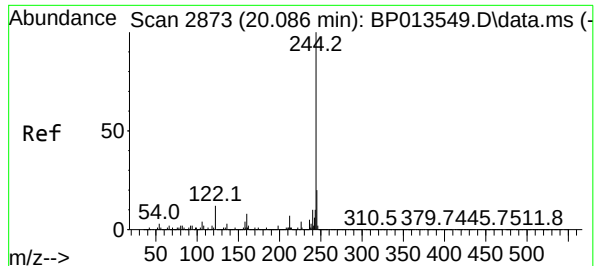
Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.6

203 17.5 14.2 21.2

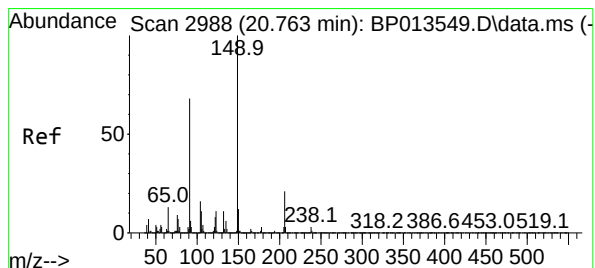
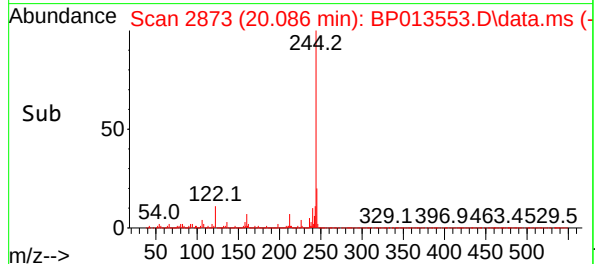
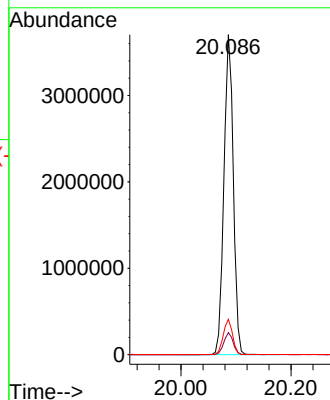
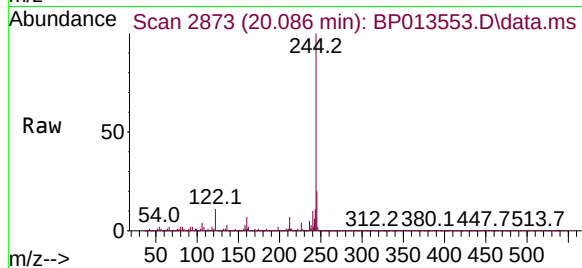




#79
Terphenyl-d14
Concen: 77.448 ng
RT: 20.086 min Scan# 2873
Delta R.T. -0.000 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

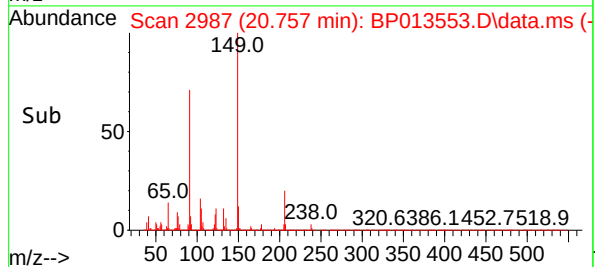
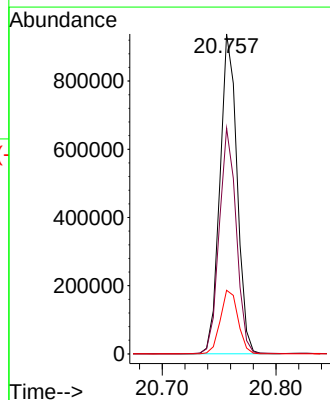
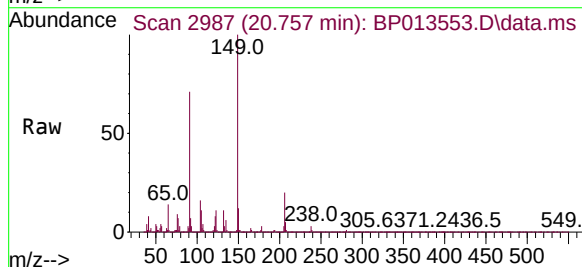
Instrument :
BNA_P
ClientSampleId :
ICVBP012323

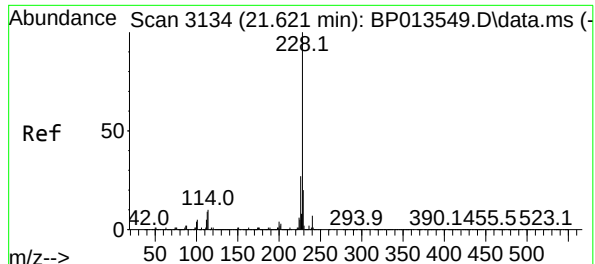
Tgt Ion:244 Resp: 4371237
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.2
122 11.0 9.2 13.8



#80
Butylbenzylphthalate
Concen: 39.639 ng
RT: 20.757 min Scan# 2987
Delta R.T. -0.006 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

Tgt Ion:149 Resp: 979852
Ion Ratio Lower Upper
149 100
91 70.6 54.6 81.8
206 19.9 16.7 25.1

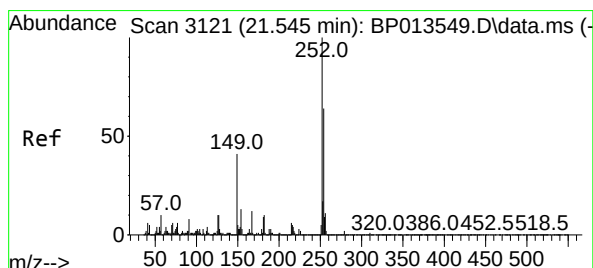
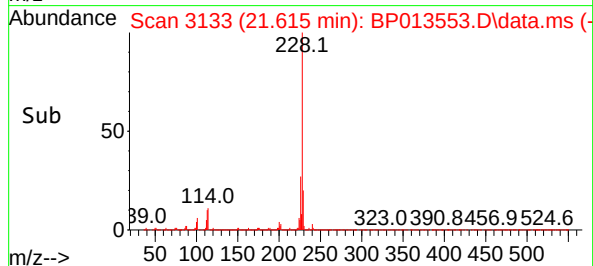
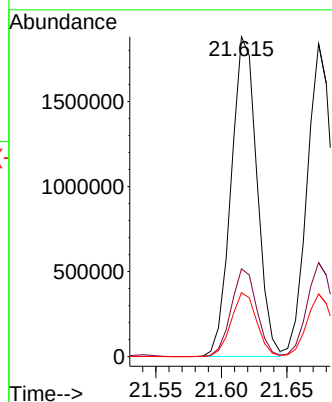
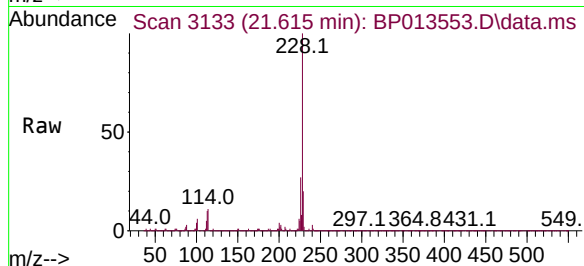




#81
Benzo(a)anthracene
Concen: 36.372 ng
RT: 21.615 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

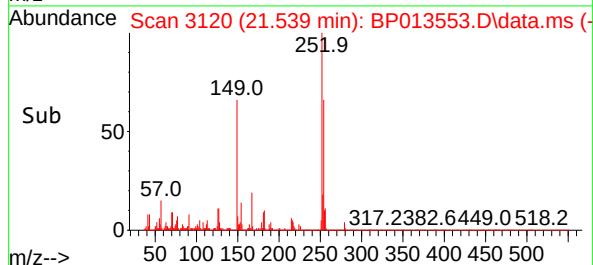
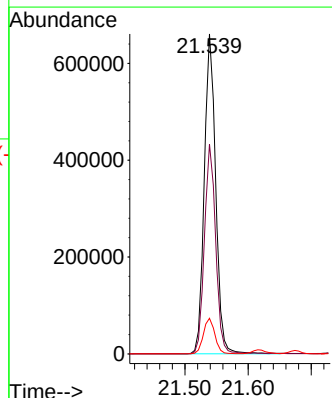
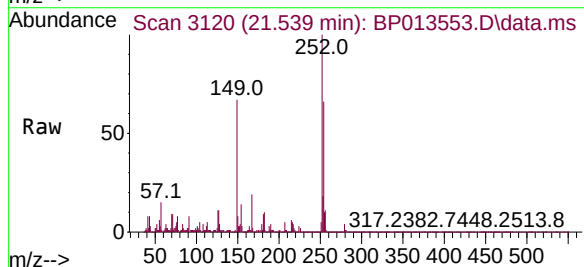
Instrument :
BNA_P
ClientSampleId :
ICVBP012323

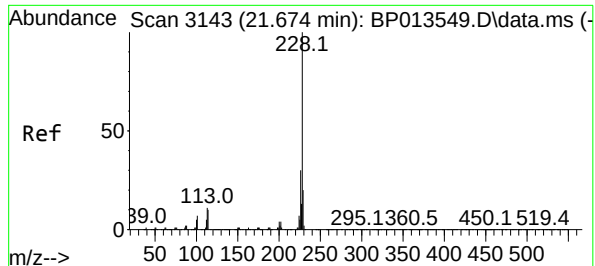
Tgt Ion:228 Resp: 2572877
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 20.0 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 36.309 ng
RT: 21.539 min Scan# 3120
Delta R.T. -0.006 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

Tgt Ion:252 Resp: 827540
Ion Ratio Lower Upper
252 100
254 65.6 51.4 77.0
126 11.1 8.3 12.5





#83

Chrysene

Concen: 36.468 ng

RT: 21.674 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP013553.D

Acq: 23 Jan 2023 18:39

Instrument :

BNA_P

ClientSampleId :

ICVBP012323

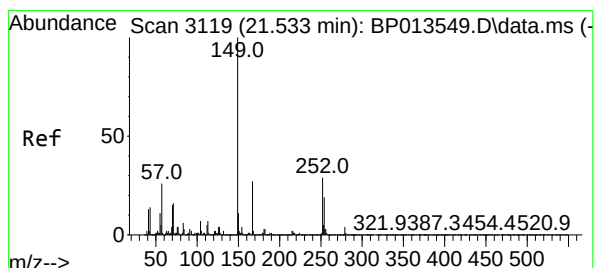
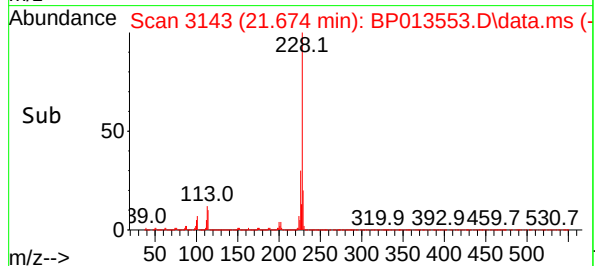
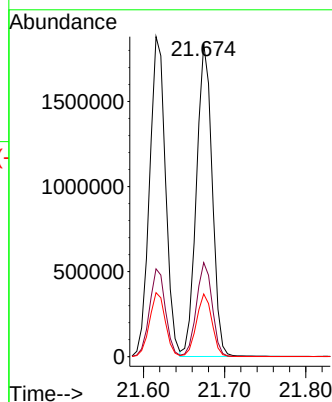
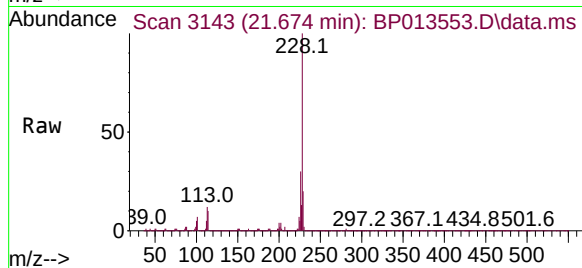
Tgt Ion:228 Resp: 2467330

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 20.0 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.790 ng

RT: 21.527 min Scan# 3118

Delta R.T. -0.006 min

Lab File: BP013553.D

Acq: 23 Jan 2023 18:39

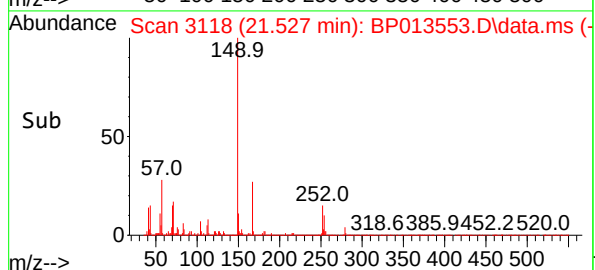
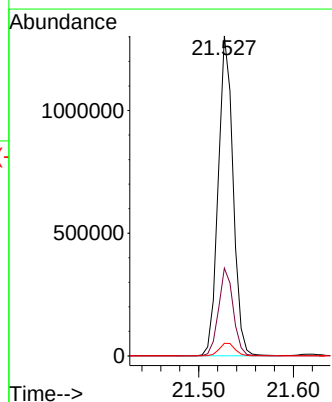
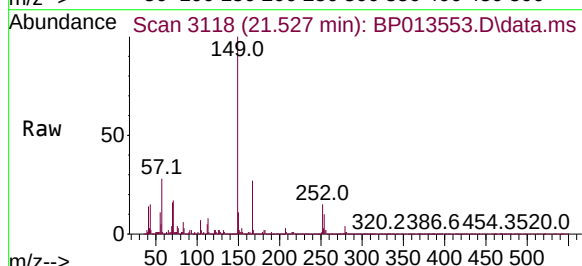
Tgt Ion:149 Resp: 1415865

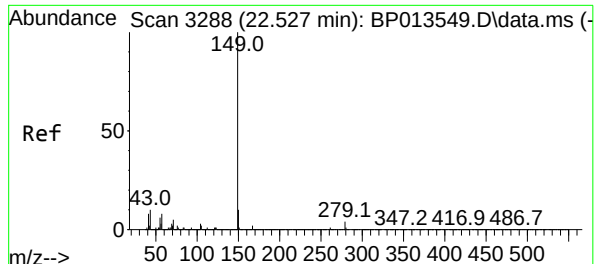
Ion Ratio Lower Upper

149 100

167 27.4 22.0 33.0

279 3.9 3.5 5.3

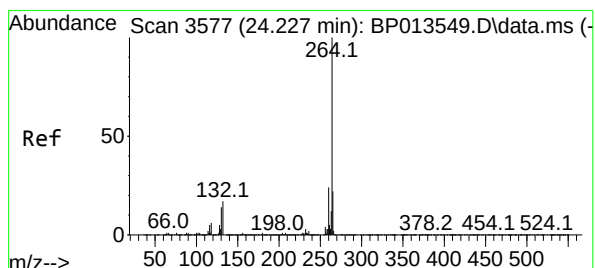
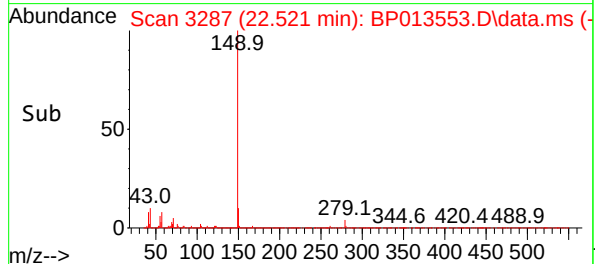
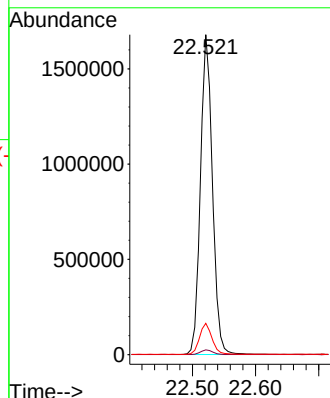
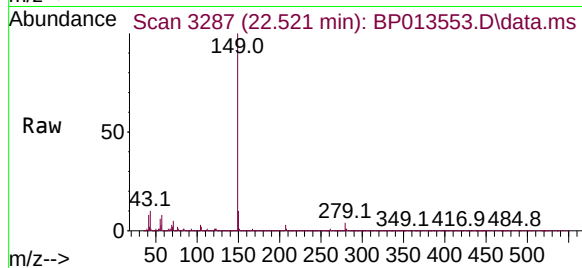




#85
Di-n-octyl phthalate
Concen: 34.751 ng
RT: 22.521 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

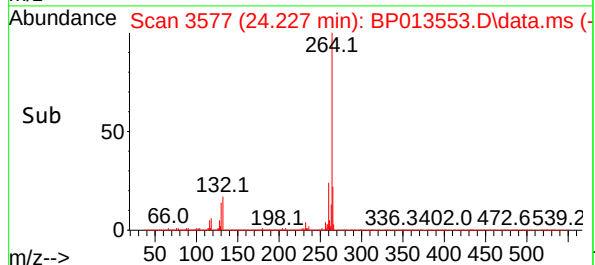
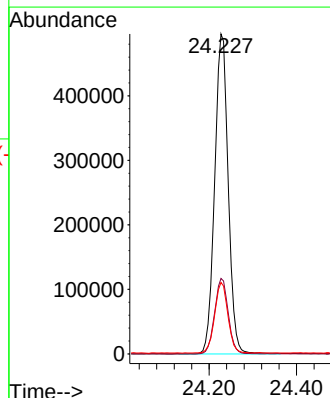
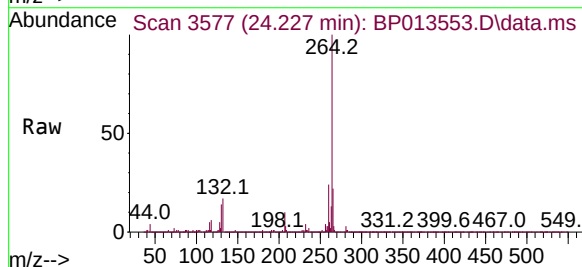
Instrument :
BNA_P
ClientSampleId :
ICVBP012323

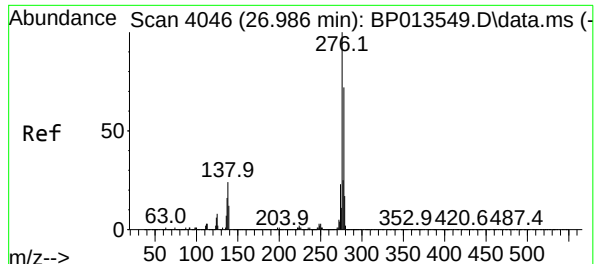
Tgt Ion:149 Resp: 2216483
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.0 8.2 12.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.227 min Scan# 3577
Delta R.T. -0.000 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

Tgt Ion:264 Resp: 1066225
Ion Ratio Lower Upper
264 100
260 23.6 18.8 28.2
265 22.3 17.4 26.2

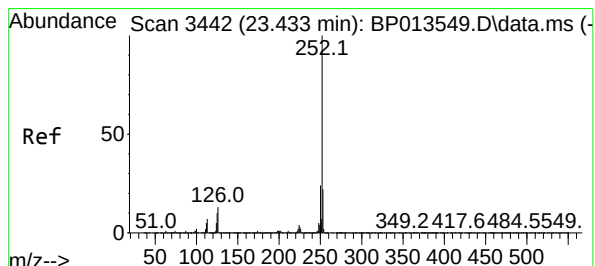
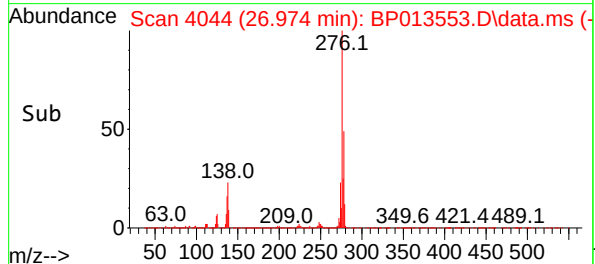
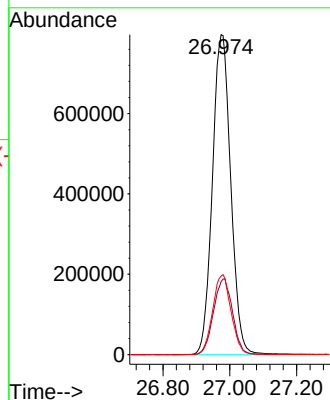
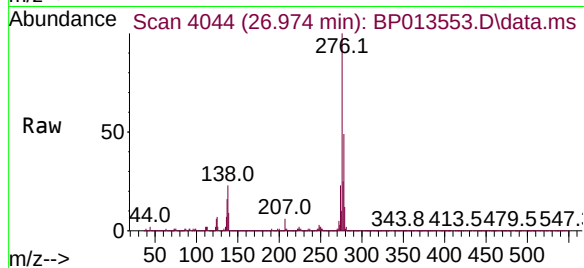




#87
Indeno(1,2,3-cd)pyrene
Concen: 38.588 ng
RT: 26.974 min Scan# 4046
Delta R.T. -0.012 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

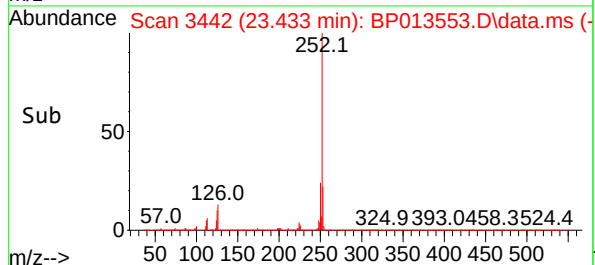
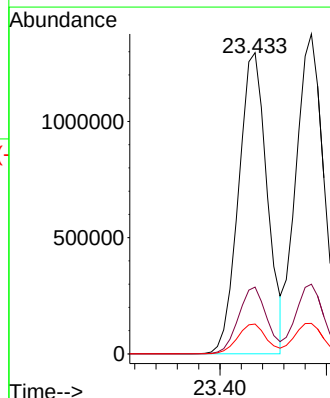
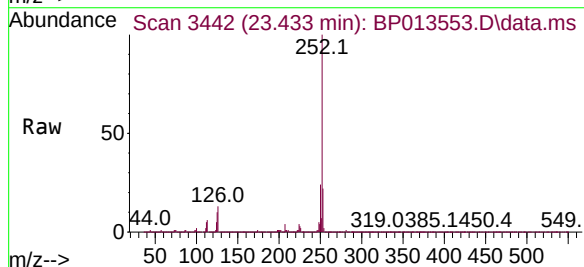
Instrument :
BNA_P
ClientSampleId :
ICVBP012323

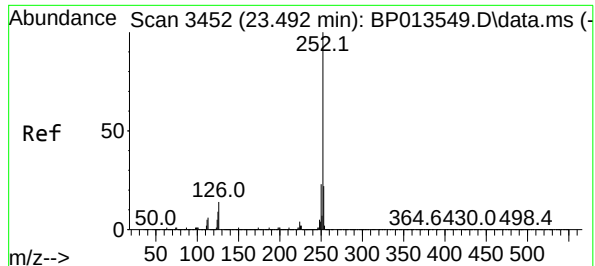
Tgt Ion:276 Resp: 3030533
Ion Ratio Lower Upper
276 100
138 24.5 19.8 29.6
277 25.1 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 36.800 ng
RT: 23.433 min Scan# 3442
Delta R.T. -0.000 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

Tgt Ion:252 Resp: 2413730
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 9.9 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 37.537 ng

RT: 23.486 min Scan# 34

Delta R.T. -0.006 min

Lab File: BP013553.D

Acq: 23 Jan 2023 18:39

Instrument :

BNA_P

ClientSampleId :

ICVBP012323

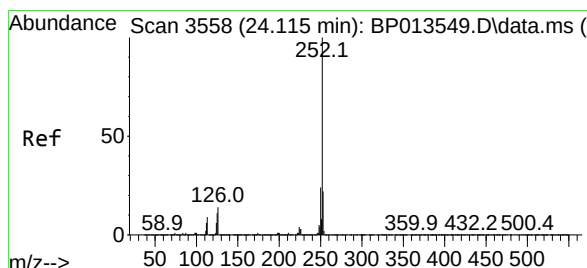
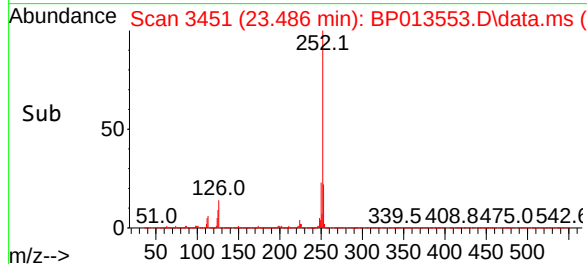
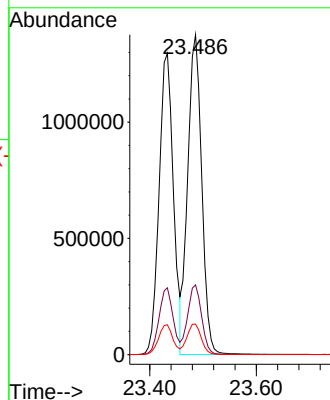
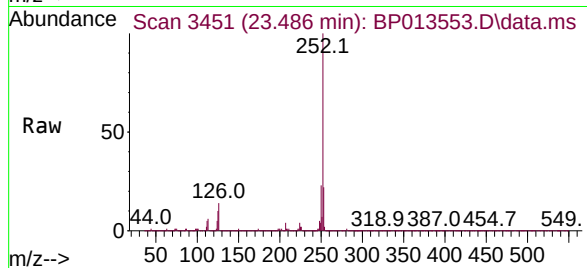
Tgt Ion:252 Resp: 2511264

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 9.5 7.5 11.3



#90

Benzo(a)pyrene

Concen: 37.174 ng

RT: 24.109 min Scan# 3557

Delta R.T. -0.006 min

Lab File: BP013553.D

Acq: 23 Jan 2023 18:39

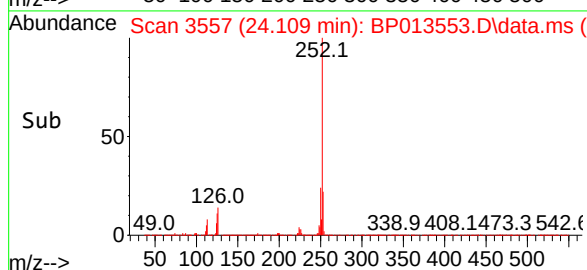
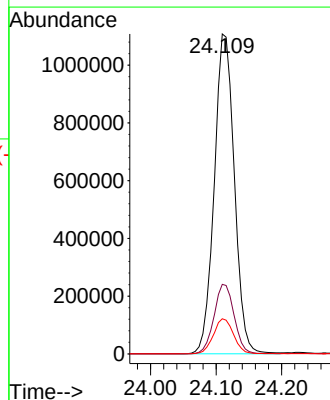
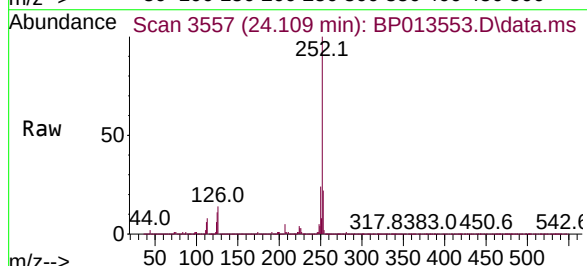
Tgt Ion:252 Resp: 2365278

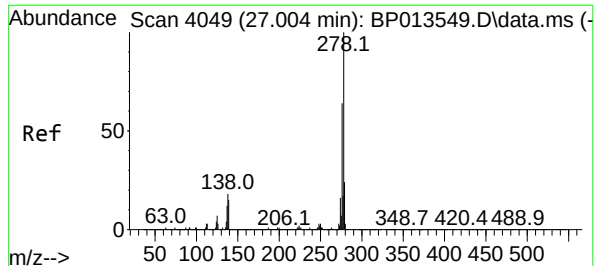
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 11.0 8.9 13.3

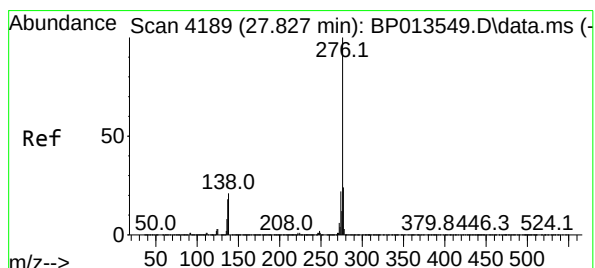
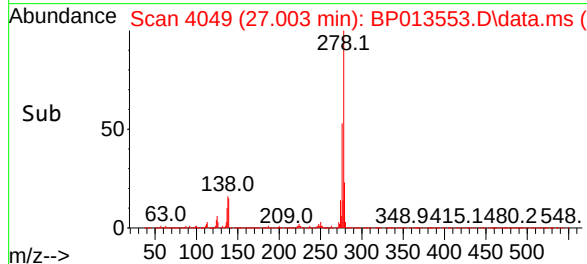
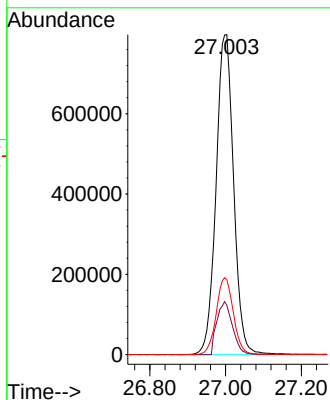
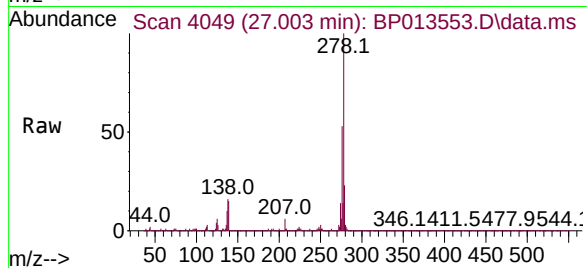




#91
Dibenzo(a,h)anthracene
Concen: 38.854 ng
RT: 27.003 min Scan# 4049
Delta R.T. -0.000 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

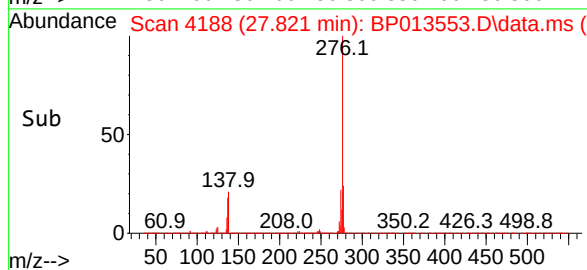
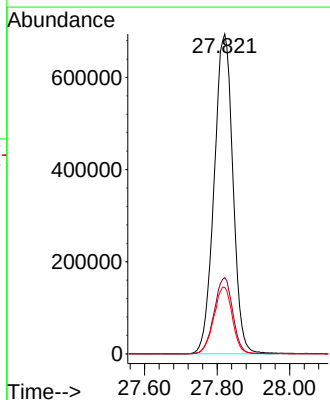
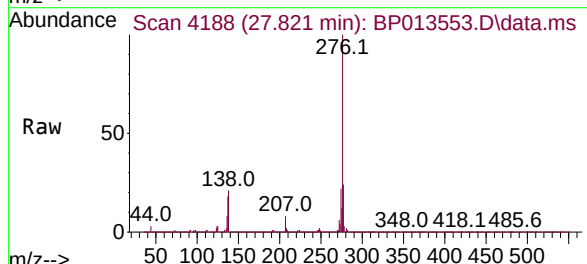
Instrument :
BNA_P
ClientSampleId :
ICVBP012323

Tgt Ion:278 Resp: 2559504
Ion Ratio Lower Upper
278 100
139 15.4 12.3 18.5
279 23.4 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 38.741 ng
RT: 27.821 min Scan# 4188
Delta R.T. -0.006 min
Lab File: BP013553.D
Acq: 23 Jan 2023 18:39

Tgt Ion:276 Resp: 2491107
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.6
138 20.8 16.6 25.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
 Data File : BP013553.D
 Acq On : 23 Jan 2023 18:39
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP012323

Quant Time: Jan 24 04:46:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 04:44:15 2023
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	115	0.00
2	1,4-Dioxane	0.471	0.443	5.9	103	0.00
3	Pyridine	1.397	1.307	6.4	102	0.00
4	n-Nitrosodimethylamine	0.632	0.586	7.3	102	0.00
5 S	2-Fluorophenol	1.167	1.110	4.9	104	0.00
6	Aniline	2.110	2.019	4.3	107	0.00
7 S	Phenol-d6	1.571	1.513	3.7	107	0.00
8	2-Chlorophenol	1.288	1.264	1.9	109	0.00
9	Benzaldehyde	0.995	0.859	13.7	108	0.00
10 C	Phenol	1.628	1.562	4.1	107	0.00
11	bis(2-Chloroethyl)ether	1.331	1.260	5.3	107	0.00
12	1,3-Dichlorobenzene	1.424	1.343	5.7	105	0.00
13 C	1,4-Dichlorobenzene	1.444	1.363	5.6	105	0.00
14	1,2-Dichlorobenzene	1.399	1.324	5.4	106	0.00
15	Benzyl Alcohol	1.122	1.089	2.9	110	0.00
16	2,2'-oxybis(1-Chloropropane	1.822	1.739	4.6	109	0.01
17	2-Methylphenol	1.182	1.133	4.1	108	0.00
18	Hexachloroethane	0.483	0.474	1.9	108	0.00
19 P	n-Nitroso-di-n-propylamine	1.012	0.980	3.2	110	0.00
20	3+4-Methylphenols	1.556	1.523	2.1	111	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	122	0.00
22	Acetophenone	0.513	0.475	7.4	109	0.00
23 S	Nitrobenzene-d5	0.303	0.313	-3.3	115	0.00
24	Nitrobenzene	0.326	0.329	-0.9	114	0.00
25	Isophorone	0.719	0.659	8.3	112	0.00
26 C	2-Nitrophenol	0.094	0.117	-24.5#	134	0.00
27	2,4-Dimethylphenol	0.310	0.296	4.5	112	0.00
28	bis(2-Chloroethoxy)methane	0.433	0.405	6.5	112	0.00
29 C	2,4-Dichlorophenol	0.285	0.279	2.1	114	0.00
30	1,2,4-Trichlorobenzene	0.326	0.302	7.4	110	0.00
31	Naphthalene	1.075	1.004	6.6	110	0.00
32	Benzoic acid	0.138	0.136	1.4	127	0.01
33	4-Chloroaniline	0.476	0.442	7.1	112	0.00
34 C	Hexachlorobutadiene	0.189	0.177	6.3	109	0.00
35	Caprolactam	0.093	0.087	6.5	117	0.00
36 C	4-Chloro-3-methylphenol	0.311	0.297	4.5	115	0.00
37	2-Methylnaphthalene	0.764	0.713	6.7	113	0.00
38	1-Methylnaphthalene	0.718	0.667	7.1	113	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	129	0.00
40	1,2,4,5-Tetrachlorobenzene	0.616	0.576	6.5	114	0.00
41 P	Hexachlorocyclopentadiene	0.290	0.289	0.3	123	0.00
42 S	2,4,6-Tribromophenol	0.201	0.204	-1.5	123	0.00
43 C	2,4,6-Trichlorophenol	0.360	0.362	-0.6	122	0.00
44	2,4,5-Trichlorophenol	0.426	0.424	0.5	121	0.00
45 S	2-Fluorobiphenyl	1.457	1.346	7.6	113	0.00
46	1,1'-Biphenyl	1.606	1.482	7.7	114	0.00
47	2-Chloronaphthalene	1.203	1.107	8.0	114	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
 Data File : BP013553.D
 Acq On : 23 Jan 2023 18:39
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP012323

Quant Time: Jan 24 04:46:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 04:44:15 2023
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.241	0.278	-15.4	136	0.00
49	Acenaphthylene	1.968	1.827	7.2	115	0.00
50	Dimethylphthalate	1.487	1.379	7.3	118	0.00
51	2,6-Dinitrotoluene	0.240	0.272	-13.3	132	0.00
52 C	Acenaphthene	1.216	1.125	7.5	116	0.00
53	3-Nitroaniline	0.275	0.300	-9.1	128	0.00
54 P	2,4-Dinitrophenol	0.058	0.075	-29.3#	150#	0.00
55	Dibenzofuran	1.864	1.715	8.0	116	0.00
56 P	4-Nitrophenol	0.212	0.224	-5.7	126	0.00
57	2,4-Dinitrotoluene	0.266	0.332	-24.8	137	0.00
58	Fluorene	1.482	1.347	9.1	115	0.00
59	2,3,4,6-Tetrachlorophenol	0.327	0.321	1.8	123	0.00
60	Diethylphthalate	1.452	1.331	8.3	118	0.00
61	4-Chlorophenyl-phenylether	0.729	0.665	8.8	116	0.00
62	4-Nitroaniline	0.265	0.298	-12.5	123	0.00
63	Azobenzene	1.411	1.268	10.1	115	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	130	0.00
65	4,6-Dinitro-2-methylphenol	0.058	0.061	-5.2	150#	0.00
66 c	n-Nitrosodiphenylamine	0.652	0.601	7.8	116	0.00
67	4-Bromophenyl-phenylether	0.222	0.201	9.5	116	0.00
68	Hexachlorobenzene	0.239	0.218	8.8	117	0.00
69	Atrazine	0.187	0.177	5.3	116	0.00
70 C	Pentachlorophenol	0.139	0.133	4.3	121	0.00
71	Phenanthrene	1.113	1.002	10.0	114	0.00
72	Anthracene	1.129	1.014	10.2	112	0.00
73	Carbazole	1.015	0.895	11.8	109	0.00
74	Di-n-butylphthalate	1.130	1.015	10.2	112	0.00
75 C	Fluoranthene	1.183	1.012	14.5	105	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	105	0.00
77	Benzidine	0.503	0.503	0.0	100	0.00
78	Pyrene	1.529	1.460	4.5	103	0.00
79 S	Terphenyl-d14	1.112	1.076	3.2	101	0.00
80	Butylbenzylphthalate	0.487	0.483	0.8	96	0.00
81	Benzo(a)anthracene	1.393	1.267	9.0	93	0.00
82	3,3'-Dichlorobenzidine	0.449	0.408	9.1	89	0.00
83	Chrysene	1.333	1.215	8.9	92	0.00
84	Bis(2-ethylhexyl)phthalate	0.779	0.697	10.5	90	0.00
85 c	Di-n-octyl phthalate	1.256	1.091	13.1	84	0.00
86 I	Perylene-d12	1.000	1.000	0.0	97	0.00
87	Indeno(1,2,3-cd)pyrene	1.473	1.421	3.5	87	-0.01
88	Benzo(b)fluoranthene	1.230	1.132	8.0	86	0.00
89	Benzo(k)fluoranthene	1.255	1.178	6.1	90	0.00
90 C	Benzo(a)pyrene	1.194	1.109	7.1	87	0.00
91	Dibenzo(a,h)anthracene	1.236	1.200	2.9	87	0.00
92	Benzo(g,h,i)perylene	1.206	1.168	3.2	87	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
Data File : BP013553.D
Acq On : 23 Jan 2023 18:39
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP012323

Quant Time: Jan 24 04:46:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 04:44:15 2023
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev Area	% Dev(min)
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(#) = Out of Range

SPCC's out = 0 CCC's out = 1

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
 Data File : BP013553.D
 Acq On : 23 Jan 2023 18:39
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP012323

Quant Time: Jan 24 04:46:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 04:44:15 2023
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	115	0.00
2	1,4-Dioxane	40.000	37.685	5.8	103	0.00
3	Pyridine	40.000	37.411	6.5	102	0.00
4	n-Nitrosodimethylamine	40.000	37.091	7.3	102	0.00
5 S	2-Fluorophenol	80.000	76.095	4.9	104	0.00
6	Aniline	40.000	38.267	4.3	107	0.00
7 S	Phenol-d6	80.000	77.036	3.7	107	0.00
8	2-Chlorophenol	40.000	39.252	1.9	109	0.00
9	Benzaldehyde	40.000	34.538	13.7	108	0.00
10 C	Phenol	40.000	38.384	4.0	107	0.00
11	bis(2-Chloroethyl)ether	40.000	37.865	5.3	107	0.00
12	1,3-Dichlorobenzene	40.000	37.709	5.7	105	0.00
13 C	1,4-Dichlorobenzene	40.000	37.749	5.6	105	0.00
14	1,2-Dichlorobenzene	40.000	37.882	5.3	106	0.00
15	Benzyl Alcohol	40.000	38.823	2.9	110	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	38.176	4.6	109	0.01
17	2-Methylphenol	40.000	38.338	4.2	108	0.00
18	Hexachloroethane	40.000	39.268	1.8	108	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	38.731	3.2	110	0.00
20	3+4-Methylphenols	40.000	39.161	2.1	111	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	122	0.00
22	Acetophenone	40.000	37.021	7.4	109	0.00
23 S	Nitrobenzene-d5	80.000	82.614	-3.3	115	0.00
24	Nitrobenzene	40.000	40.379	-0.9	114	0.00
25	Isophorone	40.000	36.688	8.3	112	0.00
26 C	2-Nitrophenol	40.000	42.146	-5.4	134	0.00
27	2,4-Dimethylphenol	40.000	38.110	4.7	112	0.00
28	bis(2-Chloroethoxy)methane	40.000	37.453	6.4	112	0.00
29 C	2,4-Dichlorophenol	40.000	39.116	2.2	114	0.00
30	1,2,4-Trichlorobenzene	40.000	37.053	7.4	110	0.00
31	Naphthalene	40.000	37.348	6.6	110	0.00
32	Benzoic acid	40.000	40.030	-0.1	127	0.01
33	4-Chloroaniline	40.000	37.166	7.1	112	0.00
34 C	Hexachlorobutadiene	40.000	37.447	6.4	109	0.00
35	Caprolactam	40.000	37.701	5.7	117	0.00
36 C	4-Chloro-3-methylphenol	40.000	38.267	4.3	115	0.00
37	2-Methylnaphthalene	40.000	37.330	6.7	113	0.00
38	1-Methylnaphthalene	40.000	37.148	7.1	113	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	129	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	37.386	6.5	114	0.00
41 P	Hexachlorocyclopentadiene	40.000	37.871	5.3	123	0.00
42 S	2,4,6-Tribromophenol	80.000	81.396	-1.7	123	0.00
43 C	2,4,6-Trichlorophenol	40.000	40.167	-0.4	122	0.00
44	2,4,5-Trichlorophenol	40.000	39.842	0.4	121	0.00
45 S	2-Fluorobiphenyl	80.000	73.903	7.6	113	0.00
46	1,1'-Biphenyl	40.000	36.918	7.7	114	0.00
47	2-Chloronaphthalene	40.000	36.807	8.0	114	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
 Data File : BP013553.D
 Acq On : 23 Jan 2023 18:39
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP012323

Quant Time: Jan 24 04:46:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 04:44:15 2023
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	38.427	3.9	136	0.00
49	Acenaphthylene	40.000	37.127	7.2	115	0.00
50	Dimethylphthalate	40.000	37.097	7.3	118	0.00
51	2,6-Dinitrotoluene	40.000	38.557	3.6	132	0.00
52 C	Acenaphthene	40.000	37.017	7.5	116	0.00
53	3-Nitroaniline	40.000	37.428	6.4	128	0.00
54 P	2,4-Dinitrophenol	40.000	43.064	-7.7	150	0.00
55	Dibenzofuran	40.000	36.802	8.0	116	0.00
56 P	4-Nitrophenol	40.000	38.535	3.7	126	0.00
57	2,4-Dinitrotoluene	40.000	39.531	1.2	137	0.00
58	Fluorene	40.000	36.362	9.1	115	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	39.318	1.7	123	0.00
60	Diethylphthalate	40.000	36.672	8.3	118	0.00
61	4-Chlorophenyl-phenylether	40.000	36.516	8.7	116	0.00
62	4-Nitroaniline	40.000	38.280	4.3	123	0.00
63	Azobenzene	40.000	35.955	10.1	115	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	130	0.00
65	4,6-Dinitro-2-methylphenol	40.000	42.678	-6.7	150	0.00
66 c	n-Nitrosodiphenylamine	40.000	36.849	7.9	116	0.00
67	4-Bromophenyl-phenylether	40.000	36.344	9.1	116	0.00
68	Hexachlorobenzene	40.000	36.389	9.0	117	0.00
69	Atrazine	40.000	38.029	4.9	116	0.00
70 C	Pentachlorophenol	40.000	36.445	8.9	121	0.00
71	Phenanthrene	40.000	36.016	10.0	114	0.00
72	Anthracene	40.000	35.926	10.2	112	0.00
73	Carbazole	40.000	35.281	11.8	109	0.00
74	Di-n-butylphthalate	40.000	35.932	10.2	112	0.00
75 C	Fluoranthene	40.000	34.200	14.5	105	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	105	0.00
77	Benzydine	40.000	40.020	-0.1	100	0.00
78	Pyrene	40.000	38.191	4.5	103	0.00
79 S	Terphenyl-d14	80.000	77.448	3.2	101	0.00
80	Butylbenzylphthalate	40.000	39.639	0.9	96	0.00
81	Benzo(a)anthracene	40.000	36.372	9.1	93	0.00
82	3,3'-Dichlorobenzidine	40.000	36.309	9.2	89	0.00
83	Chrysene	40.000	36.468	8.8	92	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	35.790	10.5	90	0.00
85 c	Di-n-octyl phthalate	40.000	34.751	13.1	84	0.00
86 I	Perylene-d12	20.000	20.000	0.0	97	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	38.588	3.5	87	-0.01
88	Benzo(b)fluoranthene	40.000	36.800	8.0	86	0.00
89	Benzo(k)fluoranthene	40.000	37.537	6.2	90	0.00
90 C	Benzo(a)pyrene	40.000	37.174	7.1	87	0.00
91	Dibenzo(a,h)anthracene	40.000	38.854	2.9	87	0.00
92	Benzo(g,h,i)perylene	40.000	38.741	3.1	87	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
Data File : BP013553.D
Acq On : 23 Jan 2023 18:39
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP012323

Quant Time: Jan 24 04:46:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 04:44:15 2023
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)
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(#) = Out of Range SPCC's out = 0 CCC's out = 0



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: loui01

Lab Code: CHEM Case No.: O1232 SAS No.: O1232 SDG No.: O1232

Instrument ID: BNA_P Calibration Date(s): 01/31/2023 01/31/2023

Calibration Time(s): 11:21 15:56

LAB FILE ID:		RRF2.5 = BP013669.D			RRF005 = BP013670.D		RRF010 = BP013671.D	
		RRF020 = BP013672.D			RRF040 = BP013673.D		RRF050 = BP013674.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.265	1.187	1.186	1.213	1.160	1.170	5.7
Phenol-d6		1.648	1.553	1.571	1.610	1.589	1.559	4.4
Nitrobenzene-d5		0.290	0.302	0.339	0.360	0.383	0.344	10.4
Naphthalene		1.097	1.040	1.066	1.060	1.077	1.052	3.3
2-Fluorobiphenyl		1.473	1.429	1.477	1.458	1.438	1.429	3.9
Acenaphthylene		1.892	1.815	1.924	1.922	1.938	1.887	2.7
Acenaphthene		1.225	1.184	1.210	1.225	1.246	1.215	2.0
Fluorene		1.549	1.492	1.547	1.505	1.506	1.492	3.8
2,4,6-Tribromophenol		0.273	0.279	0.295	0.306	0.323	0.300	6.2
Phenanthrene		1.125	1.080	1.097	1.075	1.071	1.072	3.6
Anthracene		1.102	1.080	1.101	1.101	1.095	1.082	2.8
Fluoranthene		1.358	1.328	1.355	1.346	1.356	1.335	2.5
Pyrene		1.361	1.313	1.355	1.378	1.373	1.346	2.5
Terphenyl-d14		1.050	1.020	1.043	1.034	1.021	1.007	5.5
Benzo (a) anthracene		1.414	1.353	1.399	1.417	1.421	1.389	2.6
Chrysene		1.370	1.311	1.336	1.342	1.334	1.324	2.9
Benzo (b) fluoranthene		1.187	1.140	1.231	1.201	1.262	1.202	3.5
Benzo (k) fluoranthene		1.243	1.138	1.216	1.248	1.208	1.204	3.2
Benzo (a) pyrene		1.194	1.153	1.199	1.207	1.223	1.193	2.1
Indeno (1,2,3-cd) pyrene		1.562	1.482	1.517	1.530	1.549	1.521	2.1
Dibenzo (a,h) anthracene		1.290	1.236	1.263	1.274	1.288	1.263	2.2
Benzo (g,h,i) perylene		1.297	1.221	1.249	1.258	1.274	1.254	2.2

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP013123.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Feb 01 03:43:48 2023
 Response Via : Initial Calibration

Calibration Files

2.5 =BP013669.D 5 =BP013670.D 10 =BP013671.D 20 =BP013672.D 40 =BP013673.D 50 =BP013674.D 60 =BP013675.D 80 =BP013676.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.540	0.526	0.508	0.501	0.486	0.470	0.433	0.495	7.29	
3)	Pyridine	1.486	1.425	1.438	1.500	1.456	1.353	1.317	1.425	4.73	
4)	n-Nitrosodimet...	0.524	0.509	0.519	0.526	0.518	0.497	0.485	0.511	3.02	
5) S	2-Fluorophenol	1.265	1.187	1.186	1.213	1.160	1.117	1.060	1.170	5.68	
6)	Aniline	2.056	2.015	2.068	2.094	2.105	1.949	1.937	2.032	3.32	
7) S	Phenol-d6	1.648	1.553	1.571	1.610	1.589	1.488	1.452	1.559	4.39	
8)	2-Chlorophenol	1.283	1.244	1.252	1.271	1.250	1.181	1.141	1.232	4.17	
9)	Benzaldehyde	1.148	1.020	0.949	0.840	0.747	0.668		0.895	19.92	
10) C	Phenol	1.684	1.624	1.644	1.685	1.679	1.554	1.528	1.628	3.94	
11)	bis(2-Chloroet...	1.389	1.317	1.310	1.328	1.316	1.236	1.210	1.301	4.60	
12)	1,3-Dichlorobe...	1.501	1.431	1.411	1.420	1.373	1.314	1.263	1.387	5.70	
13) C	1,4-Dichlorobe...	1.503	1.432	1.439	1.437	1.399	1.338	1.279	1.404	5.28	
14)	1,2-Dichlorobe...	1.461	1.362	1.370	1.383	1.353	1.270	1.205	1.343	6.16	
15)	Benzyl Alcohol	1.054	1.042	1.087	1.151	1.194	1.101	1.097	1.104	4.82	
16)	2,2'-oxybis(1-...	1.631	1.535	1.545	1.557	1.547	1.428	1.390	1.519	5.41	
17)	2-Methylphenol	1.152	1.112	1.159	1.188	1.203	1.098	1.075	1.141	4.18	
18)	Hexachloroethane	0.485	0.461	0.460	0.467	0.471	0.458	0.439	0.463	3.02	
19) P	n-Nitroso-di-n...	0.859	0.984	0.973	1.003	1.033	1.073	0.957	0.942	0.978	6.54
20)	3+4-Methylphenols	1.528	1.513	1.576	1.621	1.660	1.502	1.496	1.557	4.11	
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.530	0.508	0.529	0.531	0.540	0.522	0.492	0.522	3.13	
23) S	Nitrobenzene-d5	0.290	0.302	0.339	0.360	0.383	0.377	0.357	0.344	10.38	
24)	Nitrobenzene	0.331	0.337	0.372	0.387	0.409	0.400	0.374	0.373	7.94	
25)	Isophorone	0.746	0.730	0.764	0.778	0.814	0.767	0.736	0.762	3.78	
26) C	2-Nitrophenol	0.121	0.129	0.147	0.163	0.180	0.176	0.176	0.156	15.31	
27)	2,4-Dimethylph...	0.296	0.296	0.308	0.317	0.324	0.311	0.300	0.308	3.47	
28)	bis(2-Chloroet...	0.465	0.450	0.461	0.456	0.477	0.457	0.431	0.457	3.11	
29) C	2,4-Dichloroph...	0.318	0.319	0.334	0.341	0.356	0.347	0.328	0.335	4.28	
30)	1,2,4-Trichlor...	0.382	0.367	0.373	0.372	0.380	0.374	0.353	0.371	2.56	
31)	Naphthalene	1.097	1.040	1.066	1.060	1.077	1.033	0.989	1.052	3.33	
32)	Benzoic acid		0.170	0.207	0.232	0.260	0.250	0.253	0.229	15.14	
33)	4-Chloroaniline	0.450	0.445	0.464	0.472	0.492	0.464	0.447	0.462	3.59	
34) C	Hexachlorobuta...	0.242	0.232	0.234	0.233	0.240	0.241	0.228	0.236	2.17	
35)	Caprolactam	0.103	0.099	0.107	0.112	0.123	0.113	0.113	0.110	7.07	
36) C	4-Chloro-3-met...	0.328	0.324	0.352	0.358	0.387	0.361	0.355	0.352	5.97	
37)	2-Methylnaphth...	0.808	0.762	0.801	0.792	0.824	0.788	0.759	0.791	2.98	
38)	1-Methylnaphth...	0.757	0.723	0.753	0.743	0.775	0.738	0.710	0.743	2.94	

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP013123.M

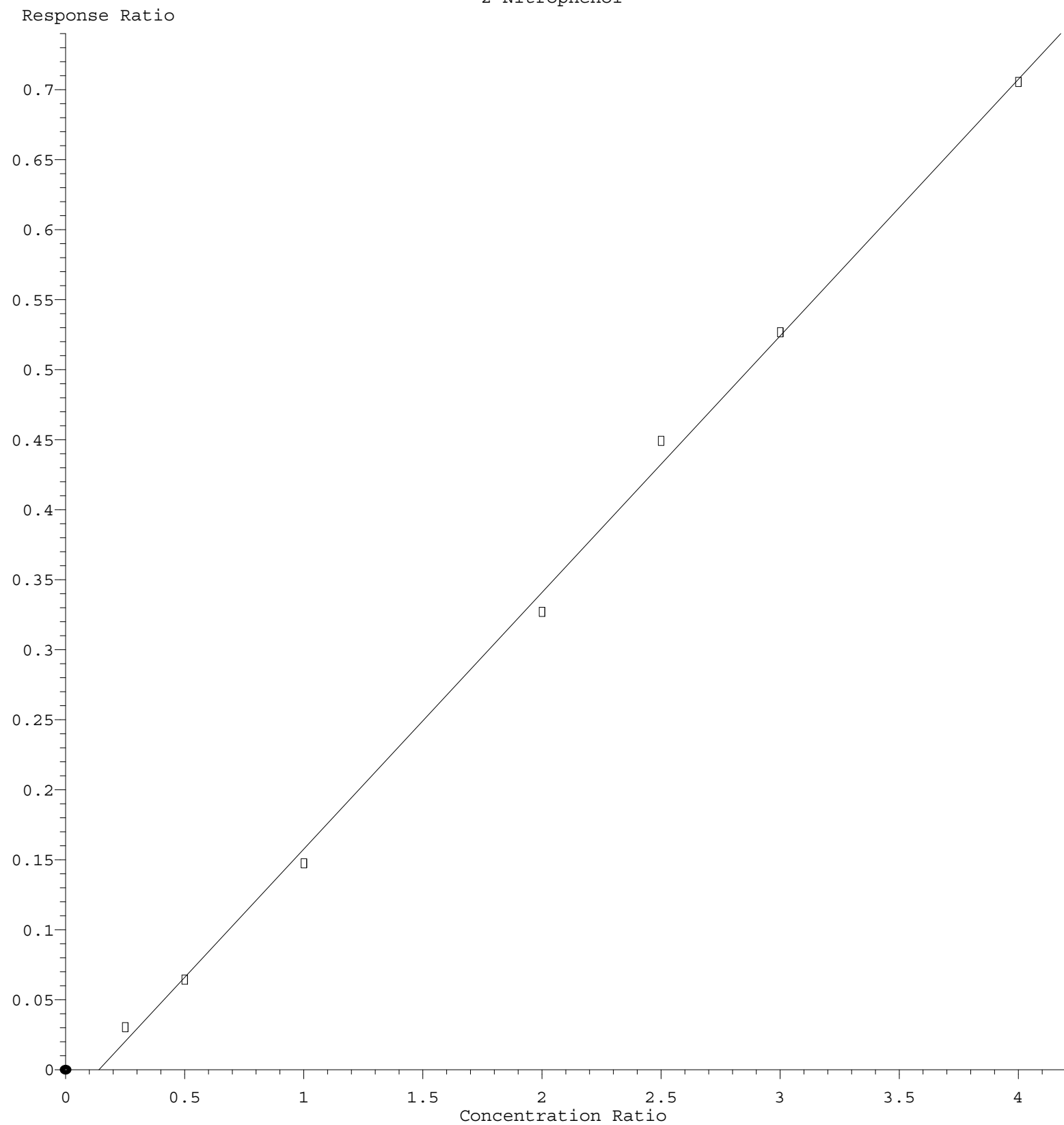
39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.659	0.652	0.685	0.695	0.702	0.705	0.681	0.683	3.03
41) P	Hexachlorocycl...	0.240	0.274	0.311	0.335	0.353	0.357	0.312		14.91
42) S	2,4,6-Tribromo...	0.273	0.279	0.295	0.306	0.323	0.313	0.311	0.300	6.16
43) C	2,4,6-Trichlor...	0.409	0.410	0.450	0.466	0.478	0.473	0.462	0.450	6.43
44)	2,4,5-Trichlor...	0.480	0.476	0.527	0.543	0.562	0.553	0.543	0.526	6.60
45) S	2-Fluorobiphenyl	1.473	1.429	1.477	1.458	1.438	1.414	1.316	1.429	3.85
46)	1,1'-Biphenyl	1.545	1.486	1.551	1.539	1.535	1.509	1.430	1.513	2.88
47)	2-Chloronaphth...	1.181	1.143	1.198	1.191	1.188	1.173	1.115	1.170	2.56
48)	2-Nitroaniline	0.164	0.179	0.227	0.267	0.303	0.300	0.309	0.250	24.21
49)	Acenaphthylene	1.892	1.815	1.924	1.922	1.938	1.901	1.815	1.887	2.71
50)	Dimethylphthalate	1.558	1.482	1.571	1.570	1.609	1.542	1.496	1.547	2.87
51)	2,6-Dinitrotol...	0.167	0.208	0.274	0.306	0.332	0.324	0.325	0.276	23.48
52) C	Acenaphthene	1.225	1.184	1.210	1.225	1.246	1.231	1.181	1.215	2.01
53)	3-Nitroaniline	0.204	0.247	0.297	0.327	0.352	0.343	0.340	0.302	18.60
54) P	2,4-Dinitrophenol	0.102	0.131	0.169	0.201	0.197	0.210	0.168		25.88
55)	Dibenzofuran	1.959	1.911	1.935	1.903	1.926	1.884	1.789	1.901	2.88
56) P	4-Nitrophenol	0.211	0.249	0.276	0.300	0.287	0.286	0.268		12.20
57)	2,4-Dinitrotol...	0.214	0.262	0.342	0.400	0.446	0.436	0.441	0.363	25.76
58)	Fluorene	1.549	1.492	1.547	1.505	1.506	1.463	1.384	1.492	3.78
59)	2,3,4,6-Tetrac...	0.430	0.428	0.453	0.466	0.489	0.472	0.465	0.458	4.85
60)	Diethylphthalate	1.499	1.450	1.496	1.494	1.544	1.473	1.425	1.483	2.59
61)	4-Chlorophenyl...	0.844	0.807	0.812	0.813	0.831	0.807	0.776	0.813	2.65
62)	4-Nitroaniline	0.195	0.236	0.298	0.329	0.352	0.343	0.344	0.299	20.47
63)	Azobenzene	1.344	1.335	1.411	1.395	1.421	1.372	1.311	1.370	3.03
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.069	0.088	0.107	0.120	0.119	0.124	0.104		20.90
66) c	n-Nitrosodiphe...	0.597	0.602	0.591	0.584	0.581	0.575	0.543	0.582	3.37
67)	4-Bromophenyl-...	0.224	0.221	0.230	0.230	0.238	0.234	0.228	0.229	2.52
68)	Hexachlorobenzene	0.259	0.247	0.252	0.251	0.259	0.257	0.250	0.254	1.90
69)	Atrazine	0.184	0.188	0.195	0.201	0.194	0.187	0.178	0.189	4.12
70) C	Pentachlorophenol	0.162	0.168	0.185	0.195	0.203	0.200	0.198	0.187	8.87
71)	Phenanthrene	1.125	1.080	1.097	1.075	1.071	1.058	0.998	1.072	3.64
72)	Anthracene	1.102	1.080	1.101	1.101	1.095	1.080	1.017	1.082	2.80
73)	Carbazole	0.990	1.002	1.006	0.999	0.994	0.972	0.917	0.983	3.17
74)	Di-n-butylphth...	1.044	1.055	1.085	1.097	1.117	1.091	1.039	1.075	2.74
75) C	Fluoranthene	1.358	1.328	1.355	1.346	1.356	1.337	1.262	1.335	2.53
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.446	0.468	0.411	0.471	0.421	0.392	0.415	0.432	6.98
78)	Pyrene	1.361	1.313	1.355	1.378	1.373	1.355	1.284	1.346	2.55
79) S	Terphenyl-d14	1.050	1.020	1.043	1.034	1.021	0.995	0.887	1.007	5.55
80)	Butylbenzylpht...	0.321	0.321	0.347	0.378	0.403	0.398	0.403	0.367	10.08
81)	Benzo(a)anthra...	1.414	1.353	1.399	1.417	1.421	1.394	1.326	1.389	2.60
82)	3,3'-Dichlorob...	0.398	0.405	0.447	0.463	0.465	0.452	0.443	0.439	6.10
83)	Chrysene	1.370	1.311	1.336	1.342	1.334	1.324	1.247	1.324	2.90
84)	Bis(2-ethylhex...	0.584	0.576	0.608	0.643	0.666	0.653	0.647	0.625	5.71
85) c	Di-n-octyl pht...	1.069	1.047	1.108	1.173	1.220	1.198	1.180	1.142	5.88

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP013123.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.562	1.482	1.517	1.530	1.549	1.531	1.476	1.521	2.11
88)	Benzo(b)fluora...	1.187	1.140	1.231	1.201	1.262	1.228	1.165	1.202	3.47
89)	Benzo(k)fluora...	1.243	1.138	1.216	1.248	1.208	1.200	1.174	1.204	3.19
90) C	Benzo(a)pyrene	1.194	1.153	1.199	1.207	1.223	1.208	1.168	1.193	2.06
91)	Dibenzo(a,h)an...	1.290	1.236	1.263	1.274	1.288	1.271	1.215	1.263	2.18
92)	Benzo(g,h,i)pe...	1.297	1.221	1.249	1.258	1.274	1.258	1.221	1.254	2.19

(#) = Out of Range

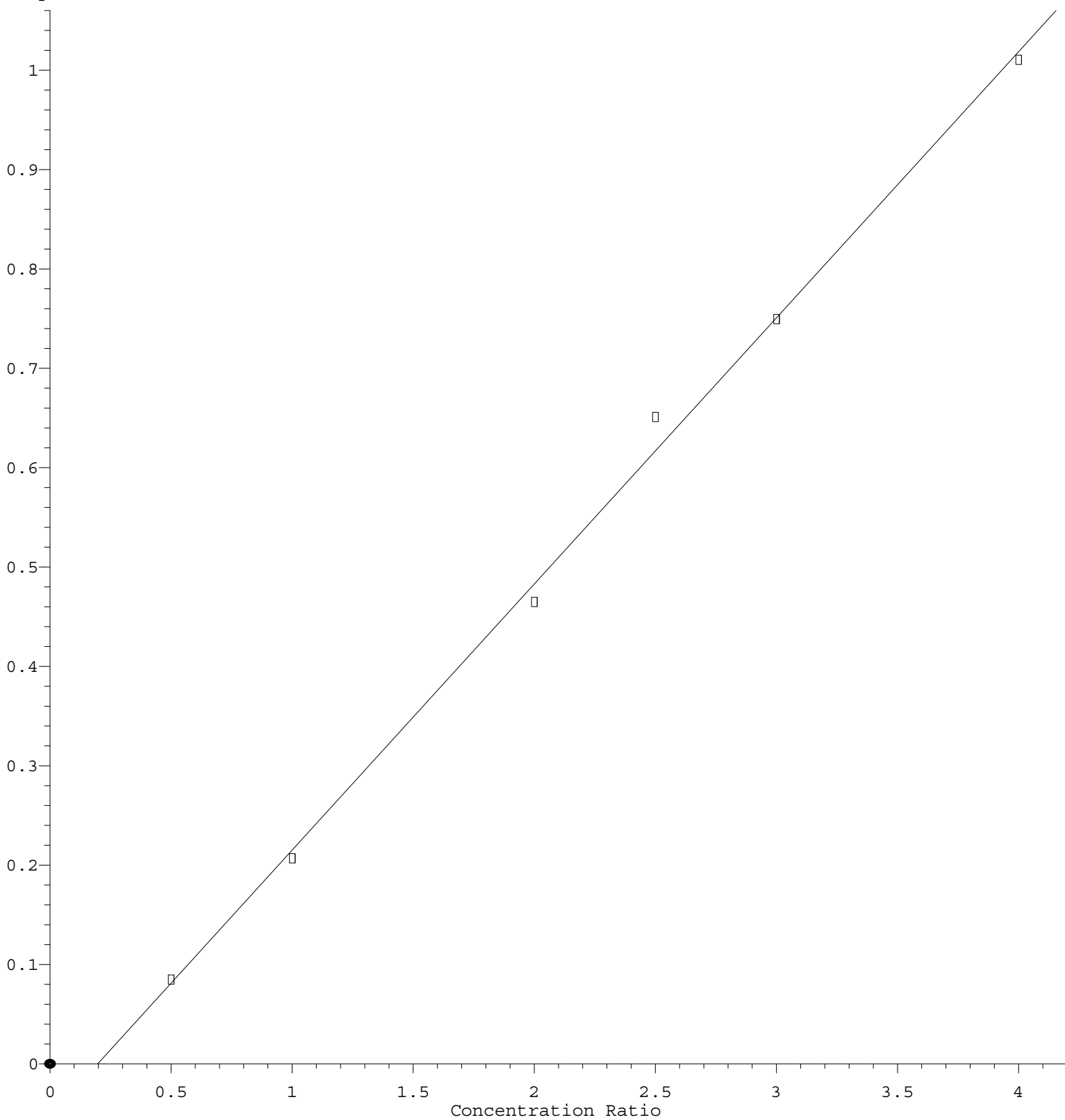
2-Nitrophenol



Response = $1.834 \times 10^{-1} \times \text{Amt} - 2.573 \times 10^{-2}$
 Coef of Det (r^2) = 0.998220 Curve Fit: Linear
 Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP013123.M
 Calibration Table Last Updated: Wed Feb 01 03:43:48 2023

Benzoic acid

Response Ratio



$$\text{Response} = 2.681\text{e-}001 * \text{Amt} - 5.289\text{e-}002$$

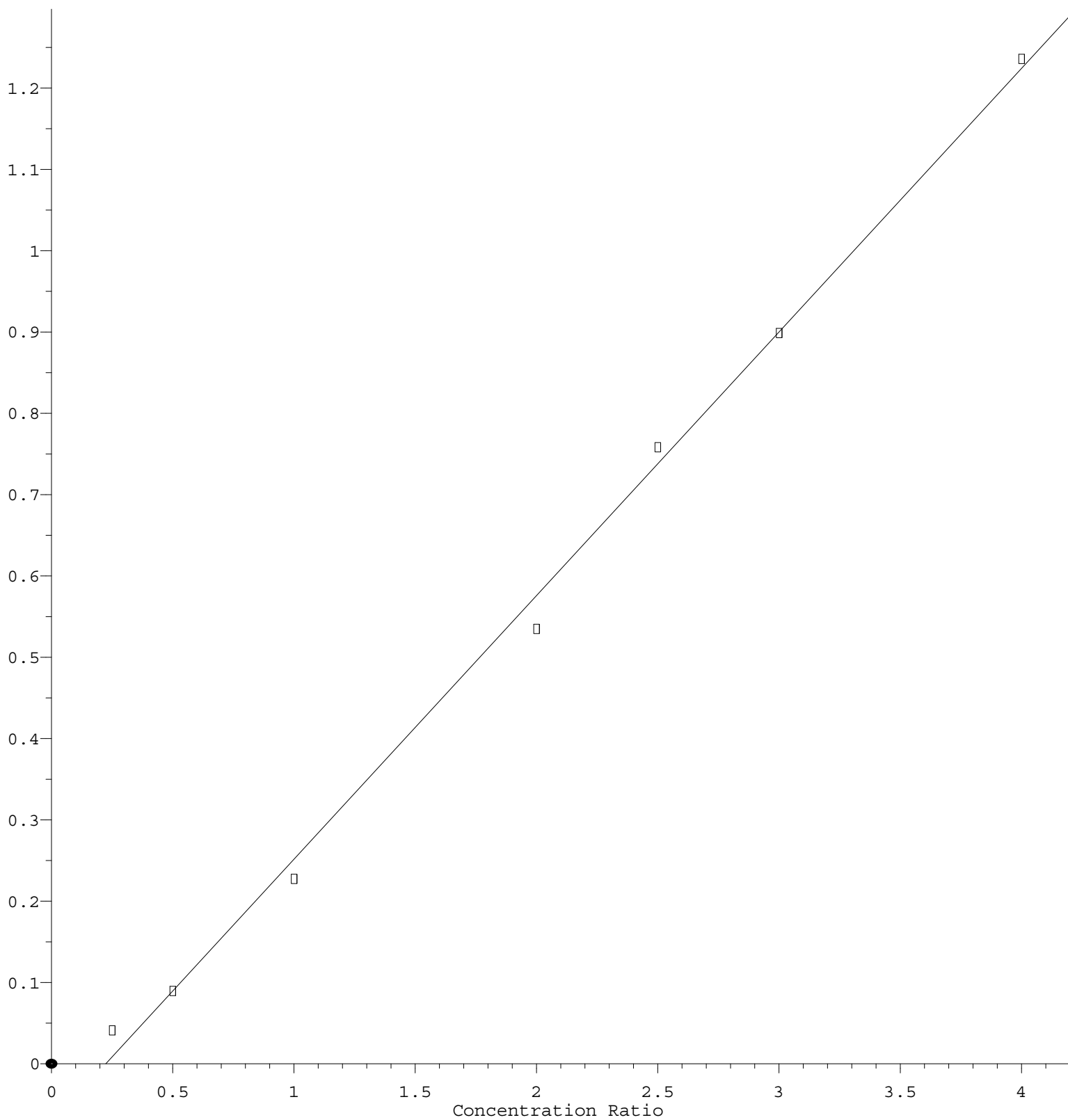
Coef of Det (r^2) = 0.997269 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP013123.M

Calibration Table Last Updated: Wed Feb 01 03:43:48 2023

2-Nitroaniline

Response Ratio



$$\text{Response} = 3.241\text{e-}001 * \text{Amt} - 7.271\text{e-}002$$

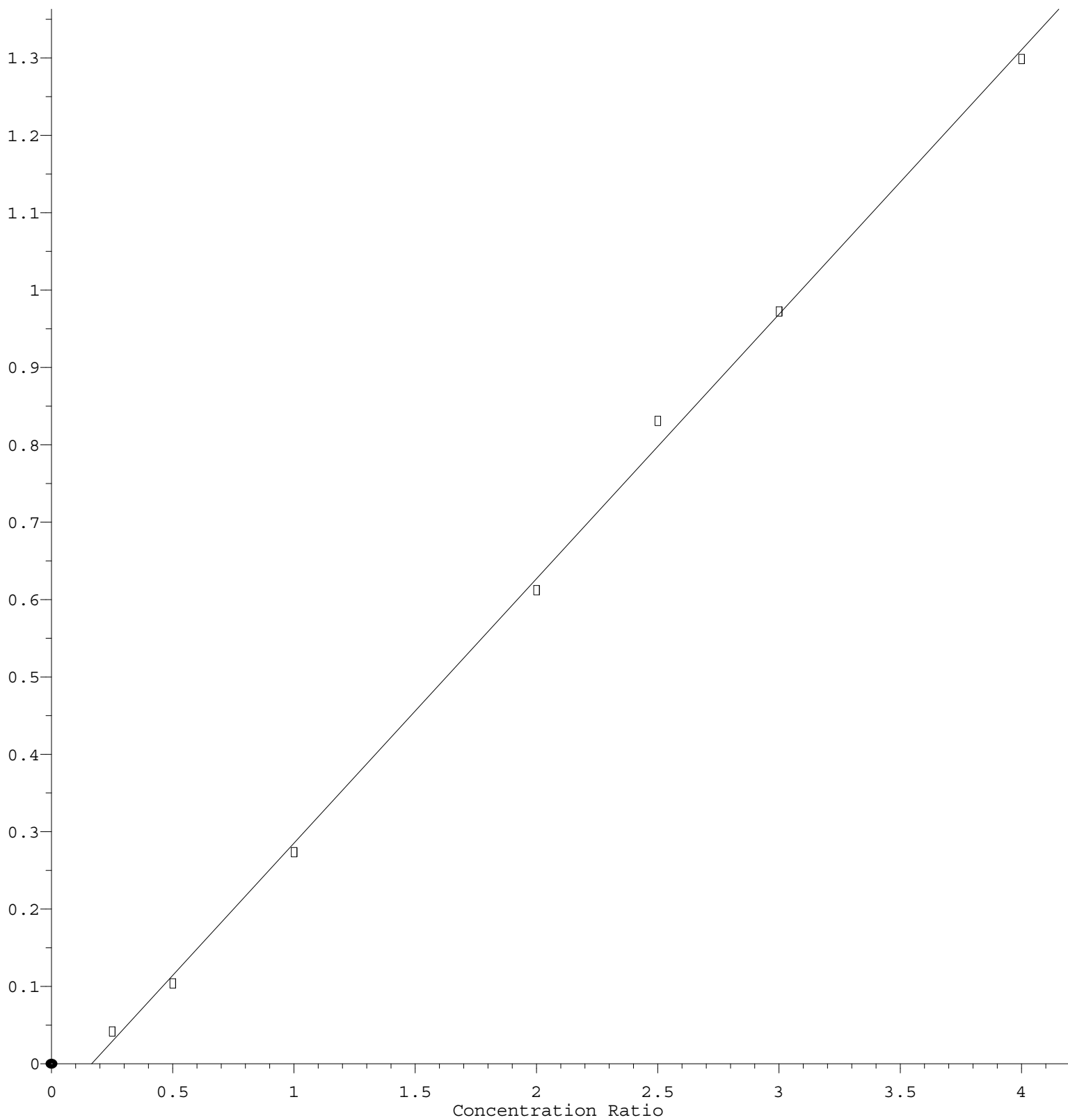
Coef of Det (r^2) = 0.996794 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP013123.M

Calibration Table Last Updated: Wed Feb 01 03:43:48 2023

2,6-Dinitrotoluene

Response Ratio



$$\text{Response} = 3.419\text{e-}001 * \text{Amt} - 5.667\text{e-}002$$

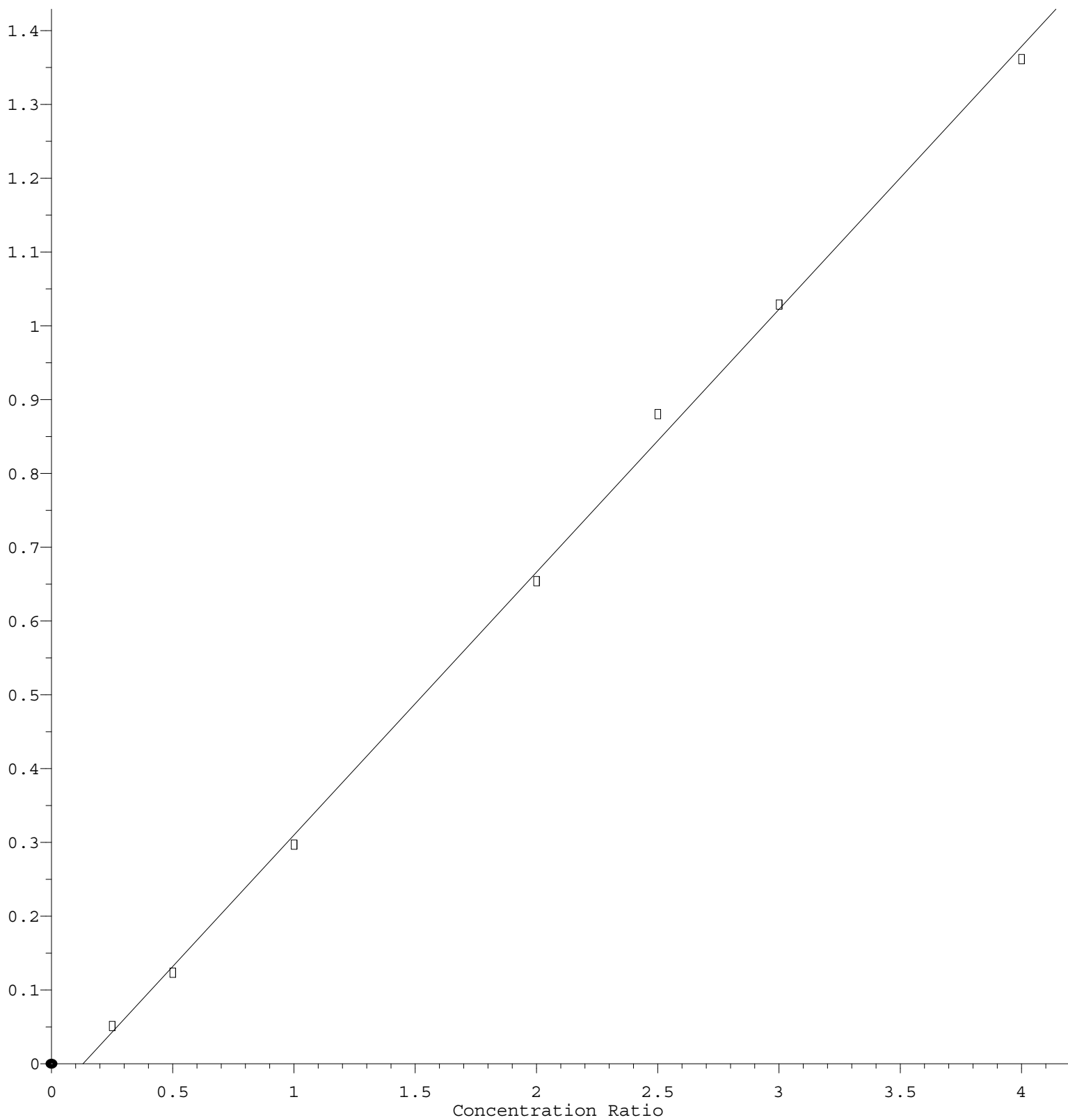
Coef of Det (r^2) = 0.998601 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP013123.M

Calibration Table Last Updated: Wed Feb 01 03:43:48 2023

3-Nitroaniline

Response Ratio



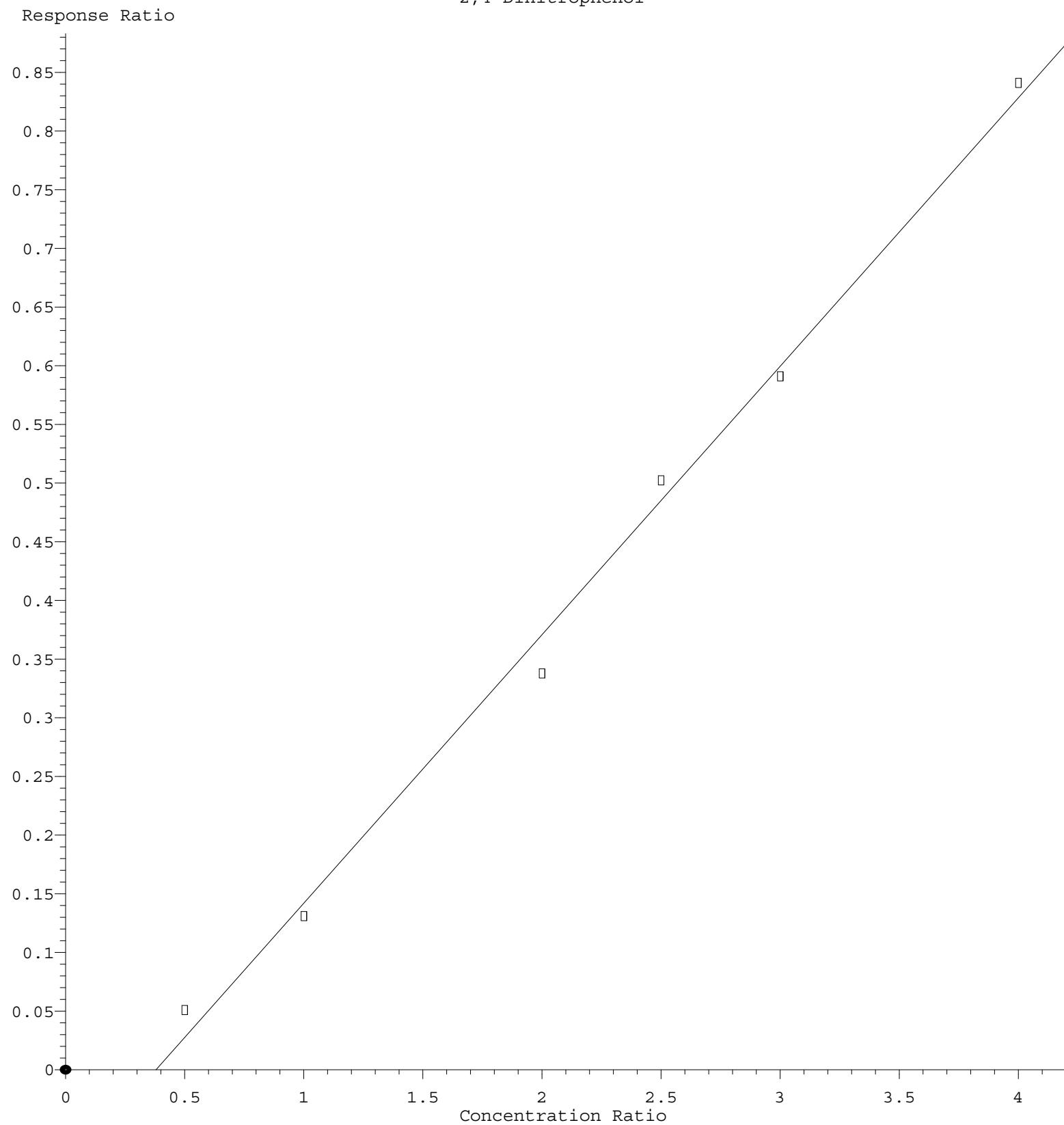
$$\text{Response} = 3.563\text{e-}001 * \text{Amt} - 4.642\text{e-}002$$

Coef of Det (r^2) = 0.998561 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP013123.M

Calibration Table Last Updated: Wed Feb 01 03:43:48 2023

2,4-Dinitrophenol



$$\text{Response} = 2.289\text{e-}001 * \text{Amt} - 8.710\text{e-}002$$

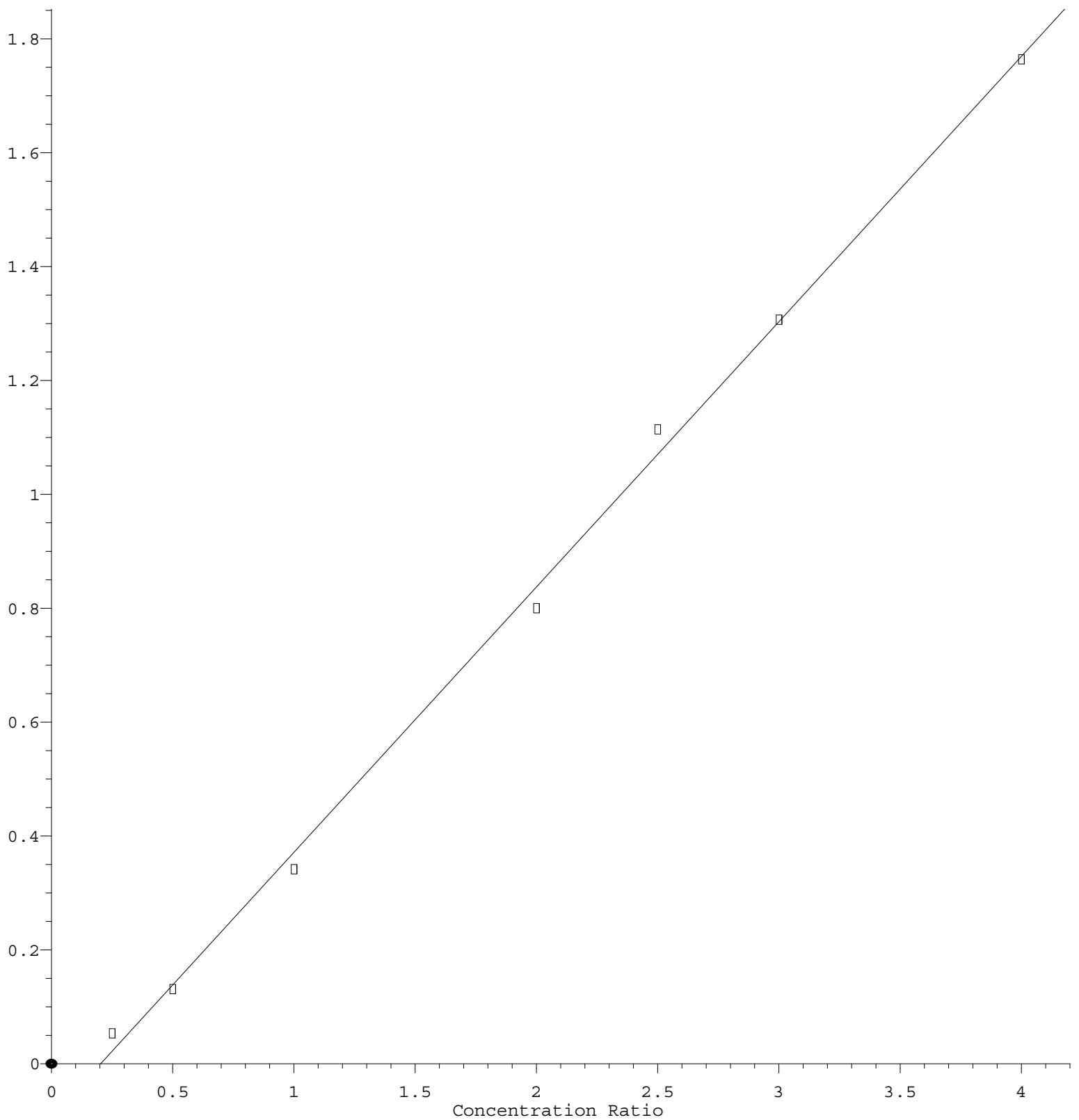
Coef of Det (r^2) = 0.994799 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP013123.M

Calibration Table Last Updated: Wed Feb 01 03:43:48 2023

2,4-Dinitrotoluene

Response Ratio



$$\text{Response} = 4.659\text{e-}001 * \text{Amt} - 9.472\text{e-}002$$

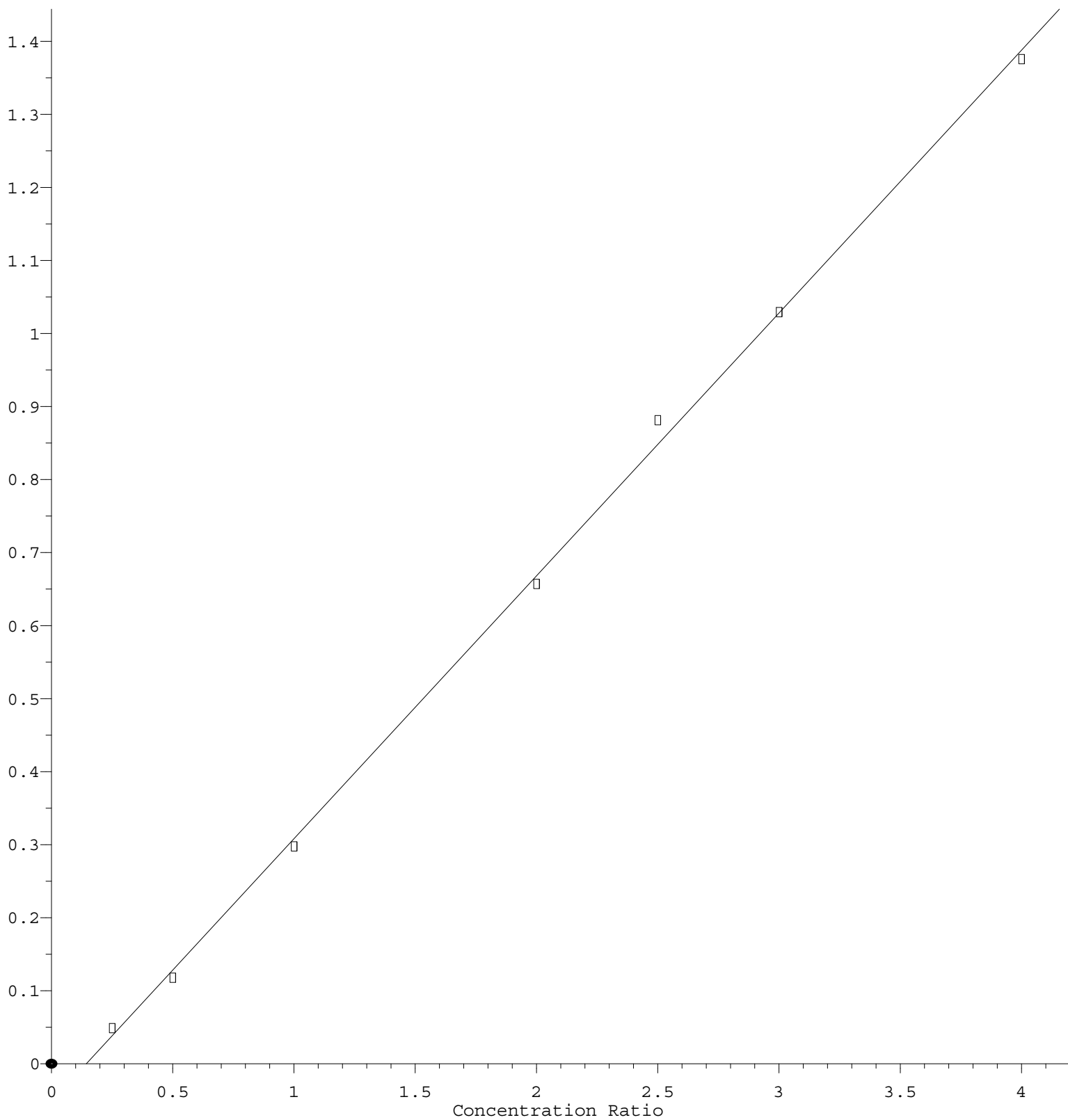
Coef of Det (r^2) = 0.997894 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP013123.M

Calibration Table Last Updated: Wed Feb 01 03:43:48 2023

4-Nitroaniline

Response Ratio



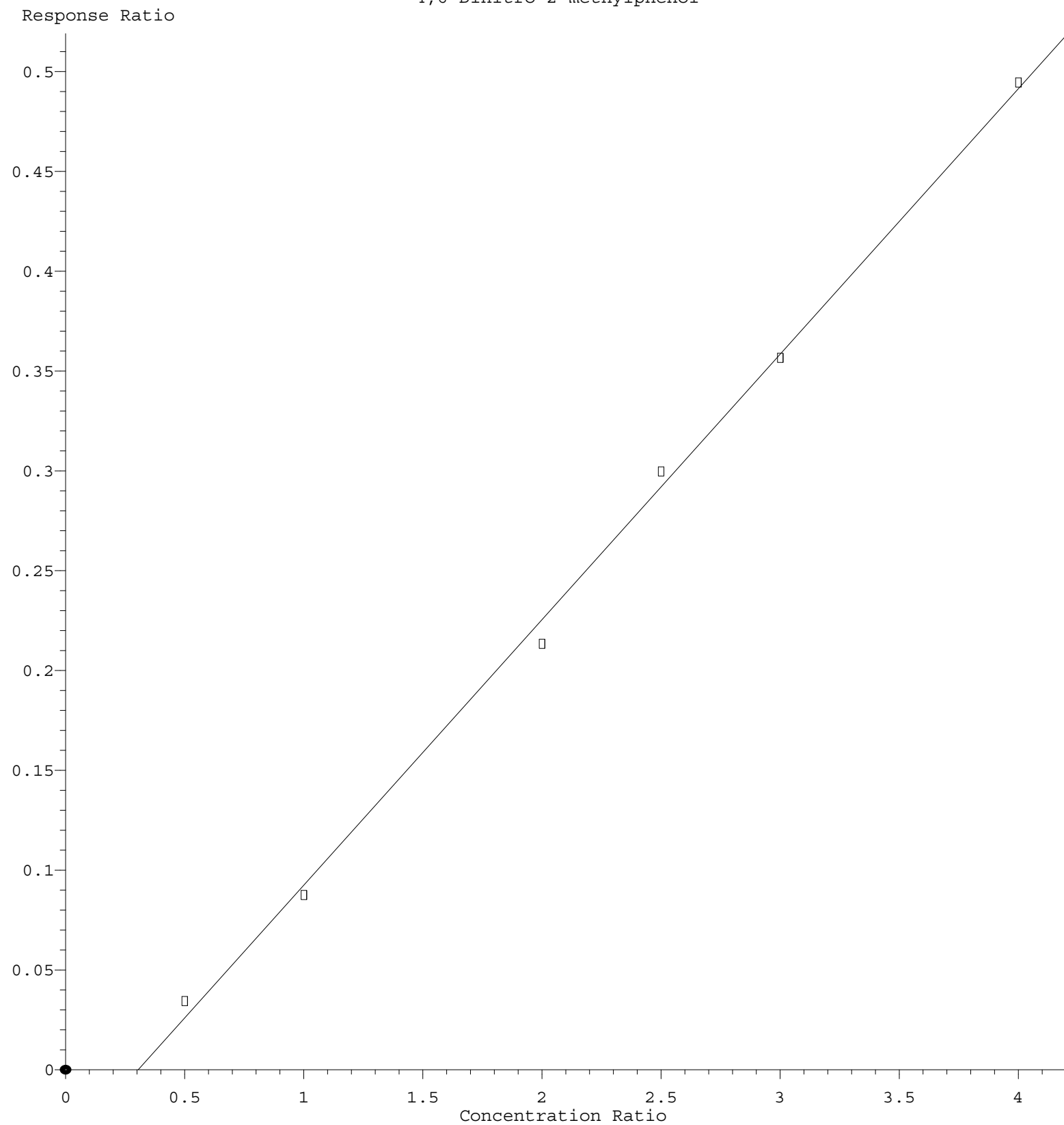
$$\text{Response} = 3.600\text{e-}001 * \text{Amt} - 5.183\text{e-}002$$

Coef of Det (r^2) = 0.998856 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP013123.M

Calibration Table Last Updated: Wed Feb 01 03:43:48 2023

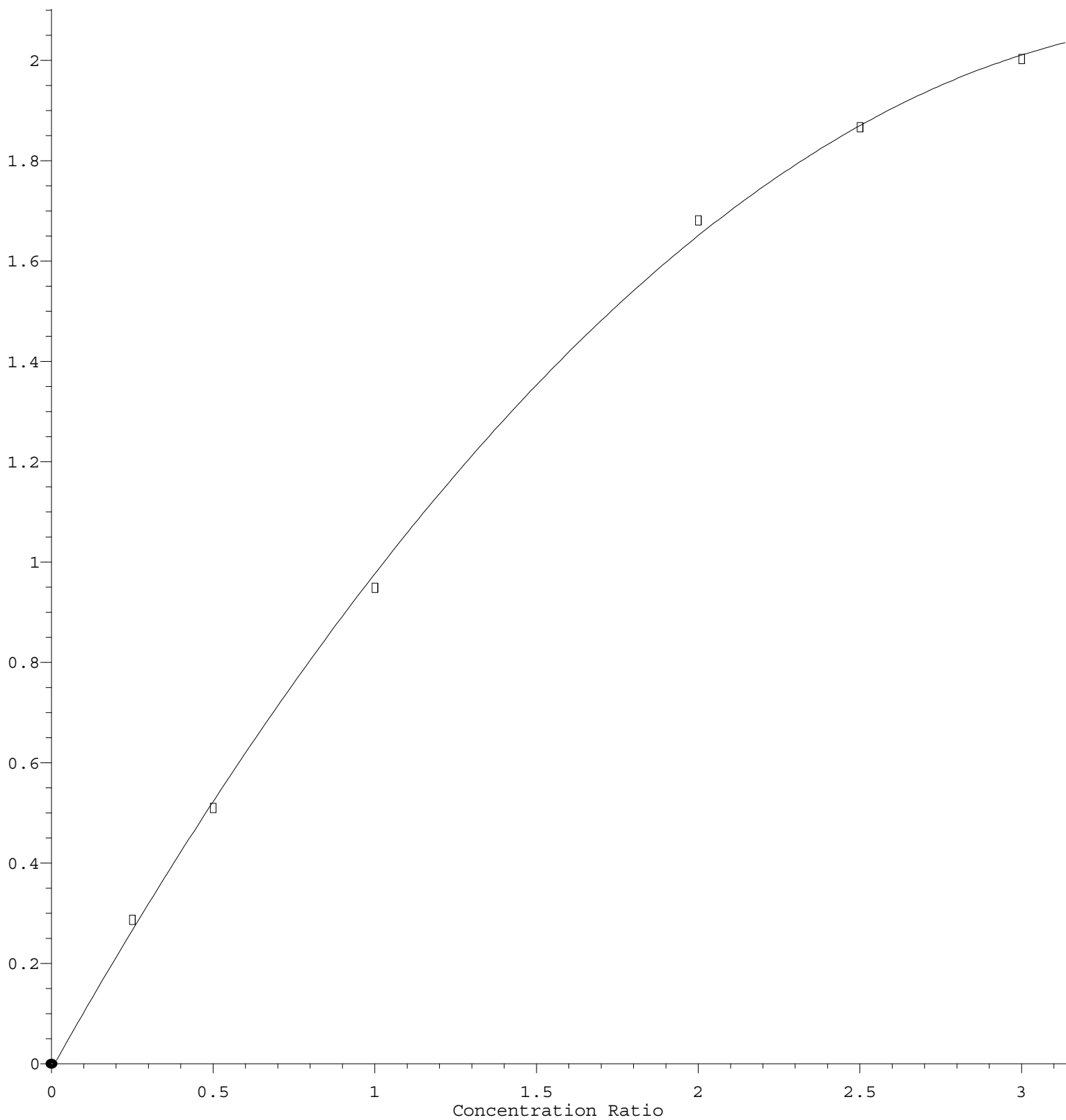
4,6-Dinitro-2-methylphenol



Response = 1.330e-001 * Amt - 4.056e-002
Coef of Det (r^2) = 0.997867 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP013123.M
Calibration Table Last Updated: Wed Feb 01 03:43:48 2023

Benzaldehyde

Response Ratio



$R = -1.567e-001 A^2 + 1.144e+000 A - 1.050e-002$
Coef of Det (r^2) = 0.999111 Curve Fit: Quadratic
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP013123.M
Calibration Table Last Updated: Wed Feb 01 03:43:48 2023

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
 Data File : BP013669.D
 Acq On : 31 Jan 2023 11:21
 Operator : CG/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC2.5

Quant Time: Feb 01 02:58:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 02:57:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

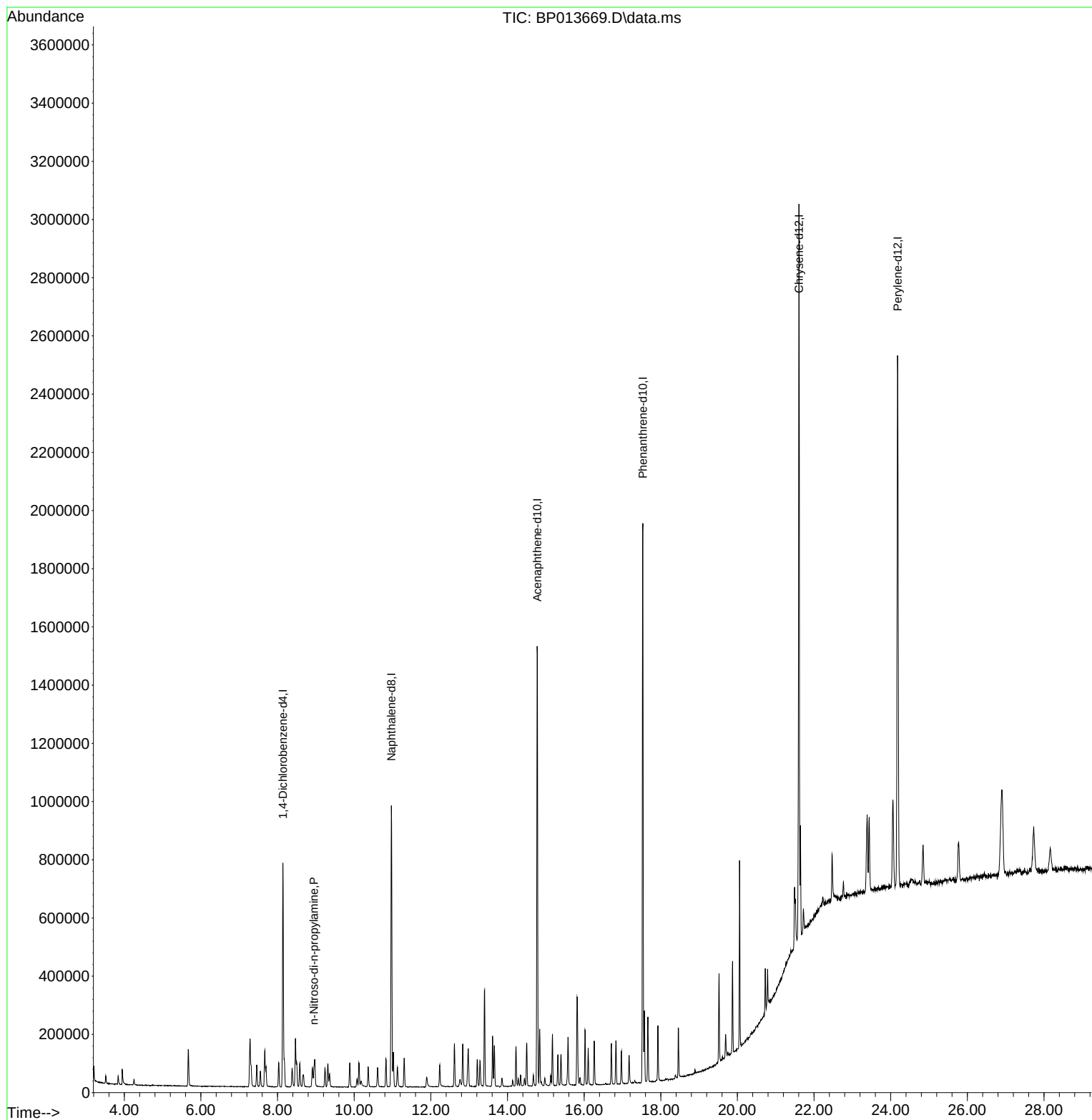
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	215622	20.000	ng	0.00
21) Naphthalene-d8	10.969	136	815641	20.000	ng	0.00
39) Acenaphthene-d10	14.775	164	543344	20.000	ng	0.00
64) Phenanthrene-d10	17.534	188	1222603	20.000	ng	0.00
76) Chrysene-d12	21.604	240	1282659	20.000	ng	0.00
86) Perylene-d12	24.180	264	1531046	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.946	70	23147	2.195	ng	Qvalue 98

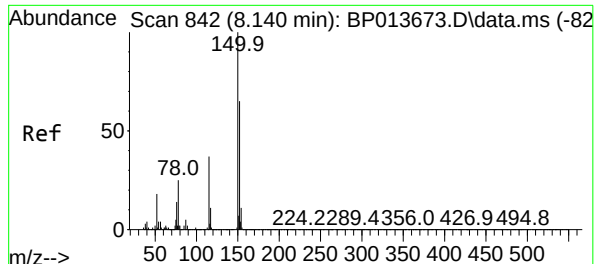
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
Data File : BP013669.D
Acq On : 31 Jan 2023 11:21
Operator : CG/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Feb 01 02:58:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 02:57:10 2023
Response via : Initial Calibration

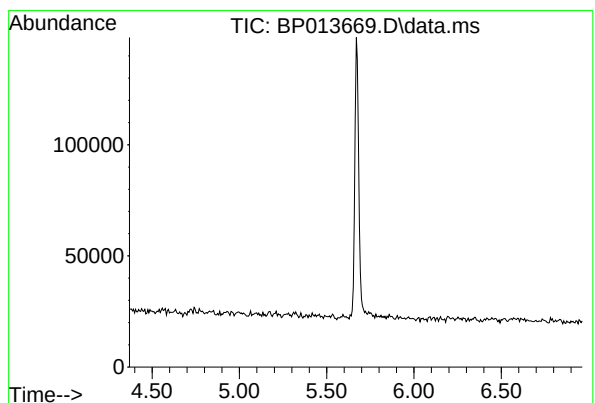
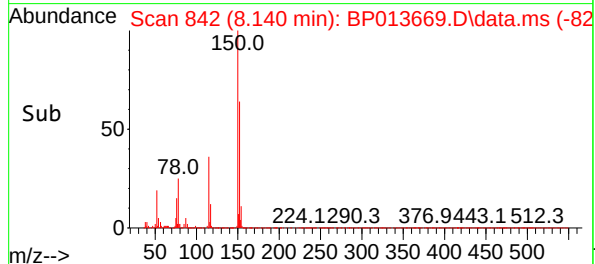
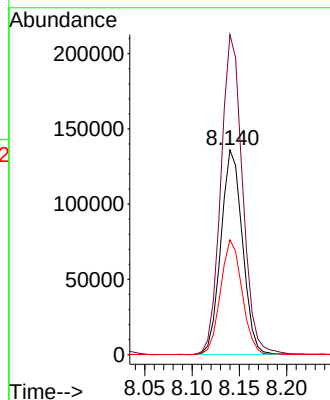
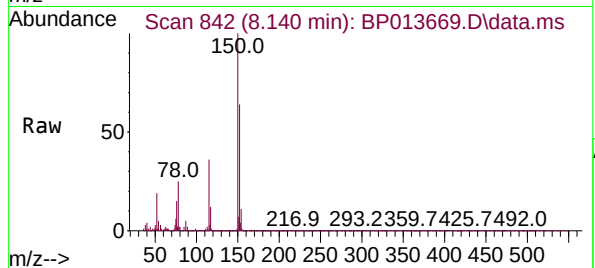




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.140 min Scan# 84
Delta R.T. -0.000 min
Lab File: BP013669.D
Acq: 31 Jan 2023 11:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

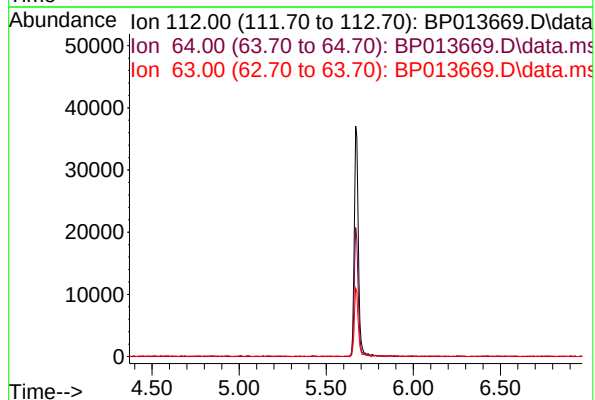
Tgt Ion:152 Resp: 215622
Ion Ratio Lower Upper
152 100
150 156.4 123.6 185.4
115 56.1 45.4 68.0



#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.67 min

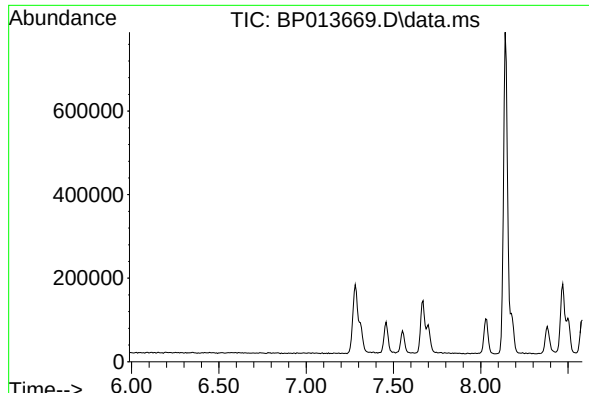
Lab File: BP013669.D
Acq: 31 Jan 2023 11:21

Tgt Ion: 112
Sig Exp Ratio
112 100
64 55.8
63 28.3



Ion 64.00 (63.70 to 64.70): BP013669.D\data.ms

Ion 63.00 (62.70 to 63.70): BP013669.D\data.ms



#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 7.29 min

Lab File: BP013669.D

Acq: 31 Jan 2023 11:21

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5

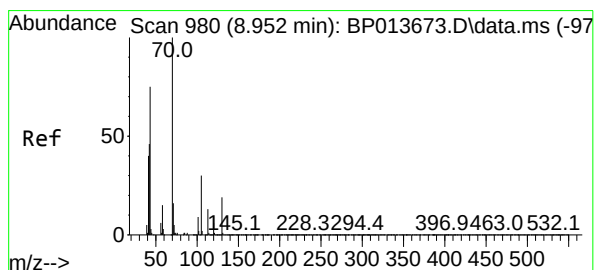
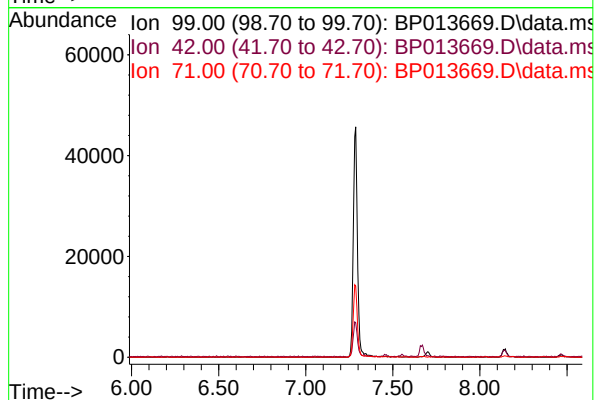
Tgt Ion: 99

Sig Exp Ratio

99 100

42 14.7

71 32.0



#19

n-Nitroso-di-n-propylamine

Concen: 2.195 ng

RT: 8.946 min Scan# 979

Delta R.T. -0.006 min

Lab File: BP013669.D

Acq: 31 Jan 2023 11:21

Tgt Ion: 70 Resp: 23147

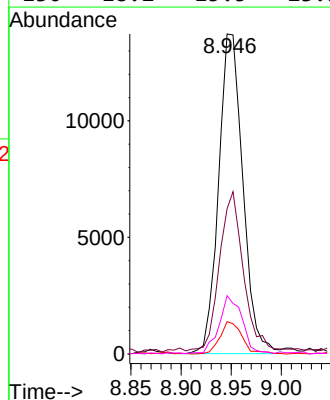
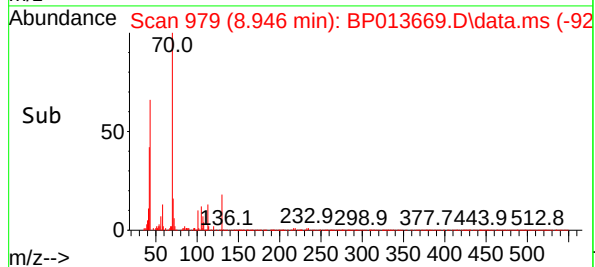
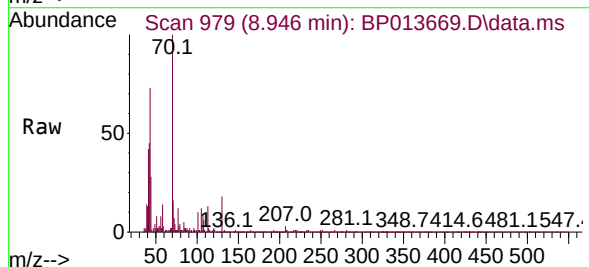
Ion Ratio Lower Upper

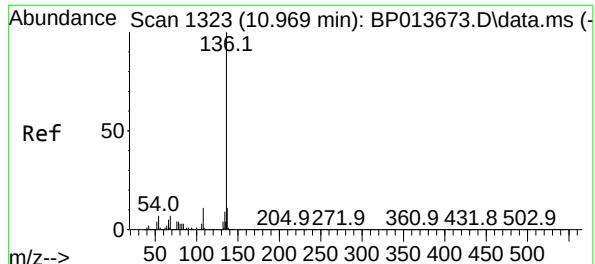
70 100

42 45.3 37.2 55.8

101 10.1 7.4 11.2

130 18.2 15.5 23.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.969 min Scan# 1323

Delta R.T. 0.000 min

Lab File: BP013669.D

Acq: 31 Jan 2023 11:21

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5

Tgt Ion:136 Resp: 815641

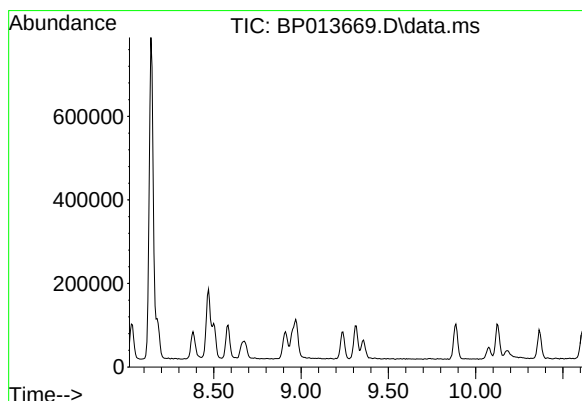
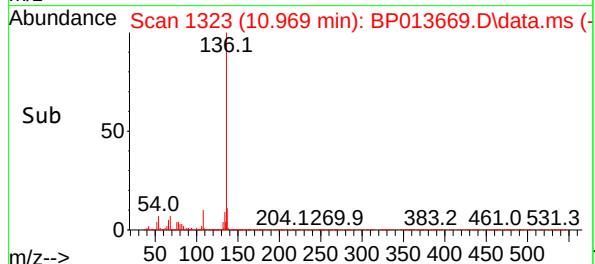
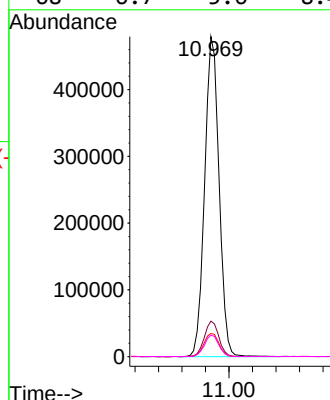
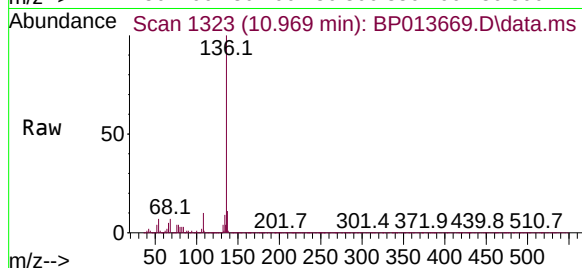
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.2 6.0 9.0

68 6.7 5.6 8.4



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 9.32 min

Lab File: BP013669.D

Acq: 31 Jan 2023 11:21

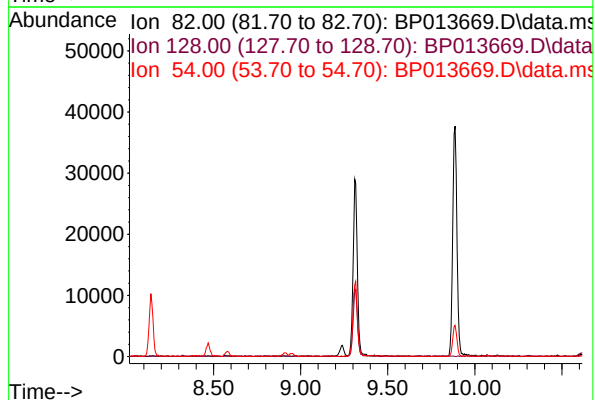
Tgt Ion: 82

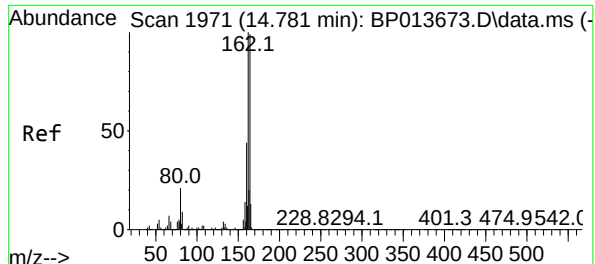
Sig Exp Ratio

82 100

128 41.7

54 44.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.775 min Scan# 19

Delta R.T. -0.006 min

Lab File: BP013669.D

Acq: 31 Jan 2023 11:21

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5

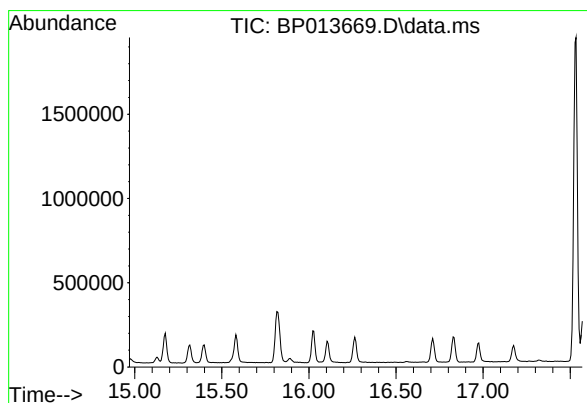
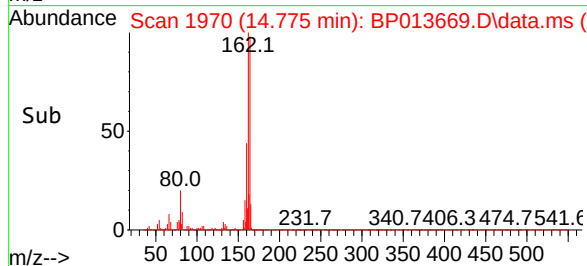
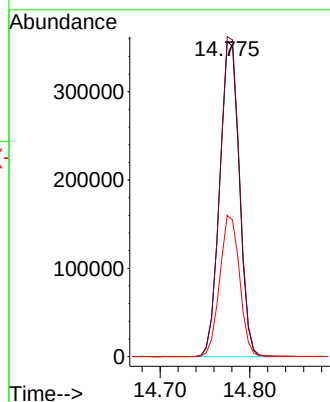
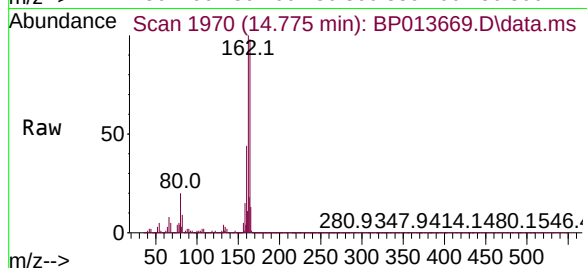
Tgt Ion:164 Resp: 543344

Ion Ratio Lower Upper

164 100

162 101.7 80.8 121.2

160 44.8 35.6 53.4



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 16.27 min

Lab File: BP013669.D

Acq: 31 Jan 2023 11:21

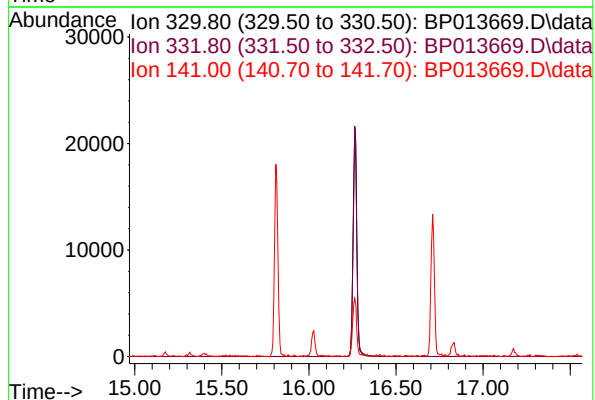
Tgt Ion: 330

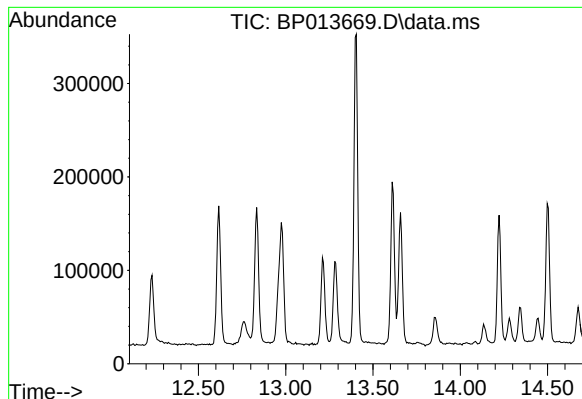
Sig Exp Ratio

330 100

332 96.8

141 26.6

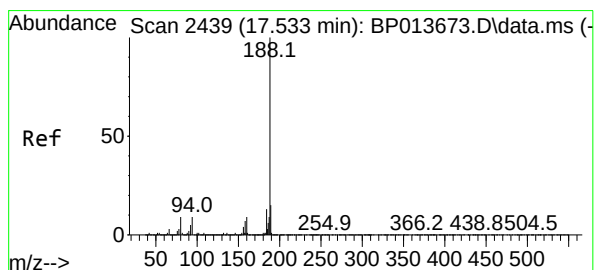
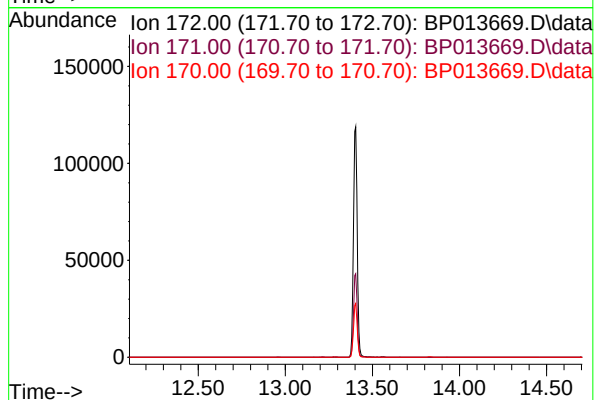




#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.40 min
Lab File: BP013669.D
Acq: 31 Jan 2023 11:21

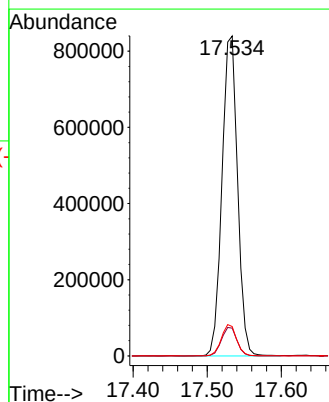
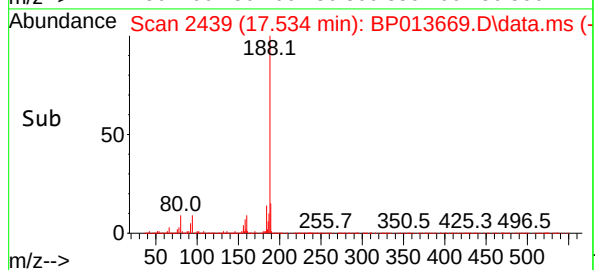
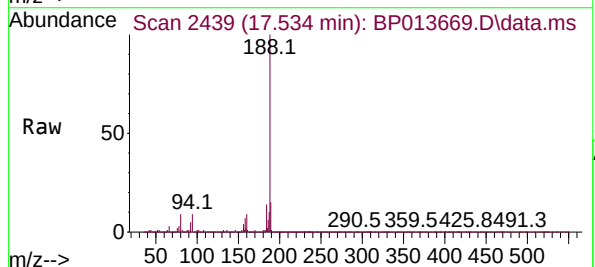
Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

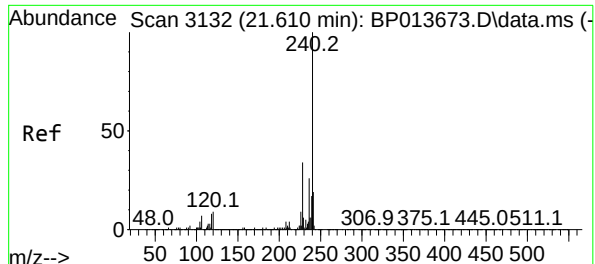
Tgt Ion: 172
Sig Exp Ratio
172 100
171 35.2
170 23.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.534 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BP013669.D
Acq: 31 Jan 2023 11:21

Tgt Ion:188 Resp: 1222603
Ion Ratio Lower Upper
188 100
94 8.7 6.9 10.3
80 9.2 7.4 11.0

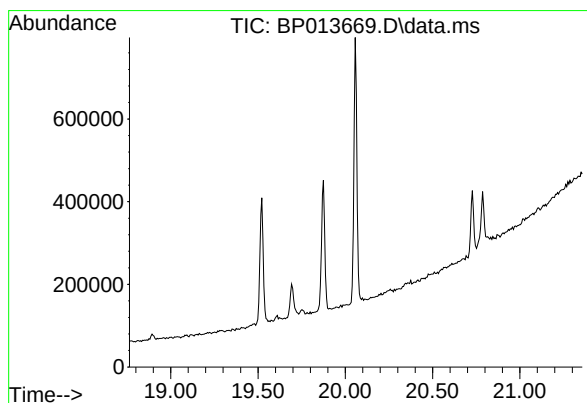
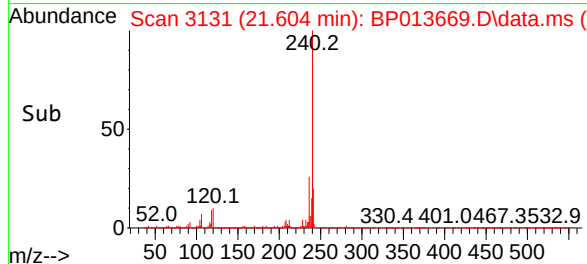
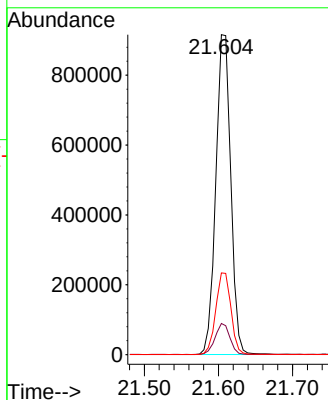
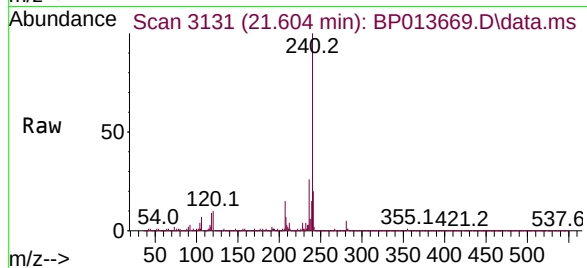




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.604 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP013669.D
Acq: 31 Jan 2023 11:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

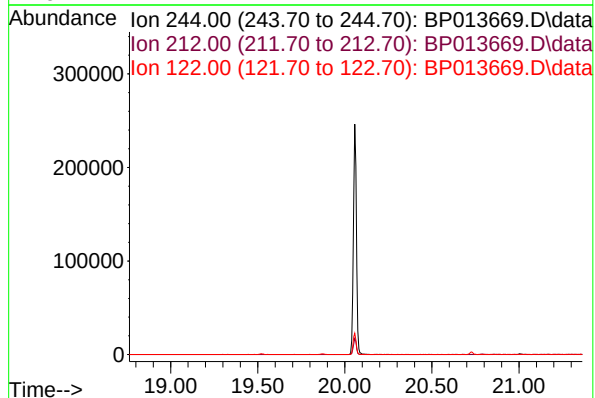
Tgt Ion: 240 Resp: 1282659
Ion Ratio Lower Upper
240 100
120 9.7 7.4 11.0
236 25.5 20.6 30.8

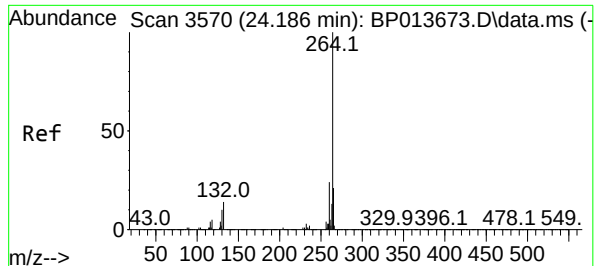


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 20.06 min

Lab File: BP013669.D
Acq: 31 Jan 2023 11:21

Tgt Ion: 244
Sig Exp Ratio
244 100
212 6.9
122 8.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.180 min Scan# 3569

Delta R.T. -0.006 min

Lab File: BP013669.D

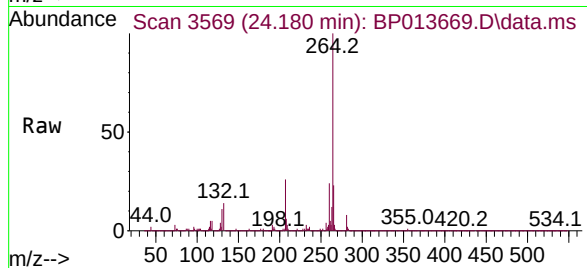
Acq: 31 Jan 2023 11:21

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5



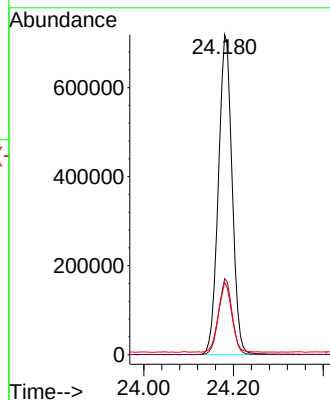
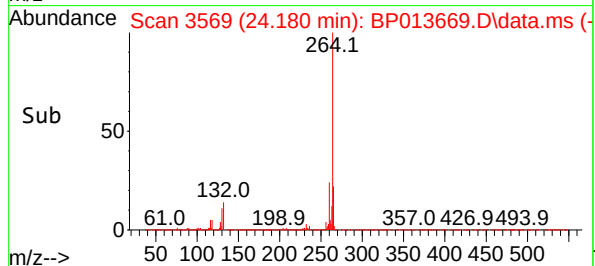
Tgt Ion:264 Resp: 1531046

Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 22.6 17.4 26.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
 Data File : BP013670.D
 Acq On : 31 Jan 2023 11:55
 Operator : CG/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/01/2023
 Supervised By : Jagrut Upadhyay 02/01/2023

Quant Time: Feb 01 03:00:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 02:57:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	207987	20.000	ng	0.00
21) Naphthalene-d8	10.969	136	798252	20.000	ng	0.00
39) Acenaphthene-d10	14.775	164	542433	20.000	ng	0.00
64) Phenanthrene-d10	17.528	188	1205705	20.000	ng	0.00
76) Chrysene-d12	21.604	240	1277234	20.000	ng	0.00
86) Perylene-d12	24.180	264	1456786	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	131596	10.816	ng	0.00
7) Phenol-d6	7.281	99	171411	10.575	ng	0.00
23) Nitrobenzene-d5	9.310	82	115739	8.434	ng	0.00
42) 2,4,6-Tribromophenol	16.263	330	73920	9.086	ng	0.00
45) 2-Fluorobiphenyl	13.398	172	399511	10.306	ng	0.00
79) Terphenyl-d14	20.057	244	670677	10.427	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.517	88	28079	5.455	ng	96
3) Pyridine	3.940	79	77265	5.302	ng	98
4) n-Nitrosodimethylamine	3.840	42	27257	5.129	ng	# 96
6) Aniline	7.457	93	106910	5.059	ng	98
8) 2-Chlorophenol	7.699	128	66717	5.209	ng	97
9) Benzaldehyde	7.269	77	59669	7.286	ng	95
10) Phenol	7.310	94	87572	5.172	ng	98
11) bis(2-Chloroethyl)ether	7.552	93	72208	5.338	ng	97
12) 1,3-Dichlorobenzene	8.028	146	78024	5.408	ng	99
13) 1,4-Dichlorobenzene	8.175	146	78176	5.355	ng	99
14) 1,2-Dichlorobenzene	8.499	146	75973	5.438	ng	99
15) Benzyl Alcohol	8.381	79	54828	4.777	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.675	45	84815m	5.348	ng	
17) 2-Methylphenol	8.581	107	59913	5.049	ng	99
18) Hexachloroethane	9.240	117	25208	5.236	ng	95
19) n-Nitroso-di-n-propyla...	8.946	70	51145	5.029	ng	96
20) 3+4-Methylphenols	8.904	107	79463	4.909	ng	98
22) Acetophenone	8.969	105	105769	5.081	ng	# 99
24) Nitrobenzene	9.357	77	66145	4.444	ng	93
25) Isophorone	9.881	82	148792	4.892	ng	99
26) 2-Nitrophenol	10.075	139	24227	3.889	ng	98
27) 2,4-Dimethylphenol	10.128	122	59159	4.638	ng	97
28) bis(2-Chloroethoxy)met...	10.363	93	92765	5.089	ng	99
29) 2,4-Dichlorophenol	10.610	162	63496	4.753	ng	95
30) 1,2,4-Trichlorobenzene	10.828	180	76166	5.138	ng	99
31) Naphthalene	11.022	128	218830	5.214	ng	99
33) 4-Chloroaniline	11.128	127	89719	4.865	ng	98
34) Hexachlorobutadiene	11.304	225	48262	5.129	ng	96
35) Caprolactam	11.887	113	20488	4.688	ng	98
36) 4-Chloro-3-methylphenol	12.228	107	65529	4.663	ng	99
37) 2-Methylnaphthalene	12.616	142	161261	5.110	ng	100
38) 1-Methylnaphthalene	12.834	142	151118	5.098	ng	100
40) 1,2,4,5-Tetrachloroben...	12.975	216	89371	4.826	ng	97
43) 2,4,6-Trichlorophenol	13.210	196	55406	4.544	ng	98
44) 2,4,5-Trichlorophenol	13.281	196	65138	4.562	ng	99
46) 1,1'-Biphenyl	13.610	154	209452	5.103	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
 Data File : BP013670.D
 Acq On : 31 Jan 2023 11:55
 Operator : CG/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/01/2023
 Supervised By : Jagrut Upadhyay 02/01/2023

Quant Time: Feb 01 03:00:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 02:57:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	13.657	162	160131	5.047	ng	100
48) 2-Nitroaniline	13.857	65	22261	3.283	ng	88
49) Acenaphthylene	14.498	152	256574	5.014	ng	100
50) Dimethylphthalate	14.222	163	211344	5.037	ng	99
51) 2,6-Dinitrotoluene	14.345	165	22657	3.021	ng	95
52) Acenaphthene	14.839	154	166087	5.204	ng	98
53) 3-Nitroaniline	14.675	138	27731	3.391	ng	# 91
55) Dibenzofuran	15.175	168	265605	5.152	ng	99
57) 2,4-Dinitrotoluene	15.128	165	28996	2.947	ng	93
58) Fluorene	15.822	166	210106	5.191	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.398	232	58314	4.697	ng	98
60) Diethylphthalate	15.581	149	203304	5.055	ng	100
61) 4-Chlorophenyl-phenyle...	15.810	204	114498	5.195	ng	97
62) 4-Nitroaniline	15.834	138	26433	3.255	ng	92
63) Azobenzene	16.104	77	182224	4.904	ng	98
66) n-Nitrosodiphenylamine	16.022	169	180099	5.134	ng	100
67) 4-Bromophenyl-phenylether	16.710	248	67487	4.883	ng	96
68) Hexachlorobenzene	16.828	284	78217	5.111	ng	96
69) Atrazine	16.969	200	55318	4.846	ng	97
70) Pentachlorophenol	17.175	266	48770	4.320	ng	99
71) Phenanthrene	17.575	178	339181	5.248	ng	100
72) Anthracene	17.663	178	332123	5.090	ng	99
73) Carbazole	17.928	167	298527	5.039	ng	100
74) Di-n-butylphthalate	18.463	149	314543	4.852	ng	99
75) Fluoranthene	19.522	202	409271	5.087	ng	98
77) Benzidine	19.692	184	142498	5.165	ng	99
78) Pyrene	19.874	202	434700	5.059	ng	99
80) Butylbenzylphthalate	20.727	149	102627	4.375	ng	96
81) Benzo(a)anthracene	21.586	228	451451	5.089	ng	99
82) 3,3'-Dichlorobenzidine	21.510	252	127234	4.536	ng	100
83) Chrysene	21.645	228	437426	5.175	ng	99
84) Bis(2-ethylhexyl)phtha...	21.492	149	186542	4.670	ng	99
85) Di-n-octyl phthalate	22.474	149	341267	4.679	ng	99
87) Indeno(1,2,3-cd)pyrene	26.898	276	569018	5.136	ng	99
88) Benzo(b)fluoranthene	23.386	252	432355	4.938	ng	100
89) Benzo(k)fluoranthene	23.439	252	452753	5.163	ng	98
90) Benzo(a)pyrene	24.063	252	434872	5.004	ng	98
91) Dibenzo(a,h)anthracene	26.915	278	469988	5.111	ng	99
92) Benzo(g,h,i)perylene	27.733	276	472434	5.172	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

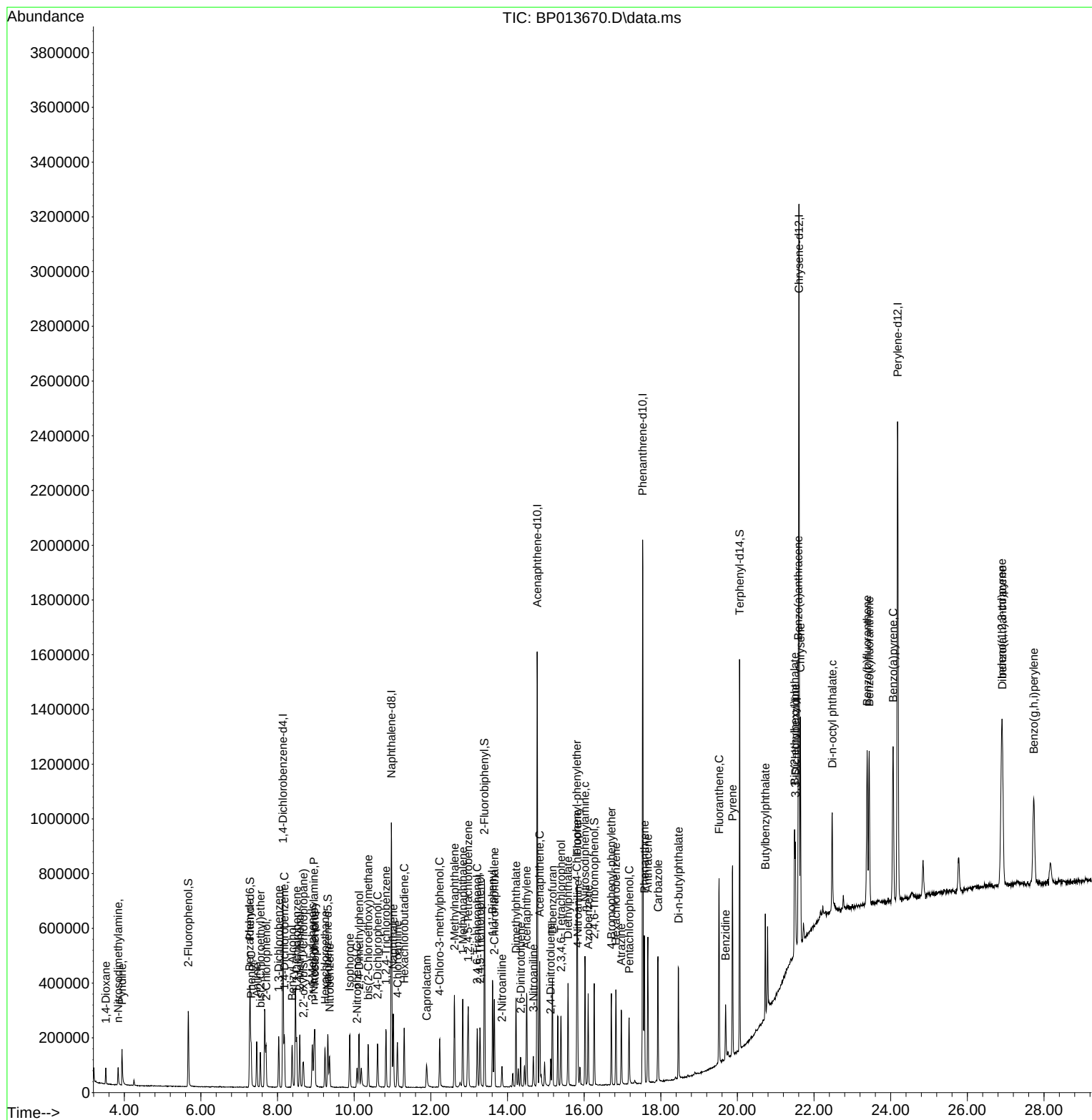
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Data File : BP013670.D
Acq On : 31 Jan 2023 11:55
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

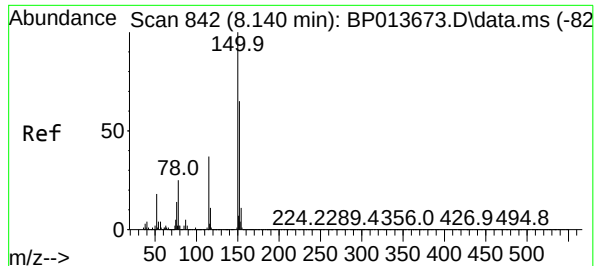
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jaqrut Upadhyay 02/01/2023

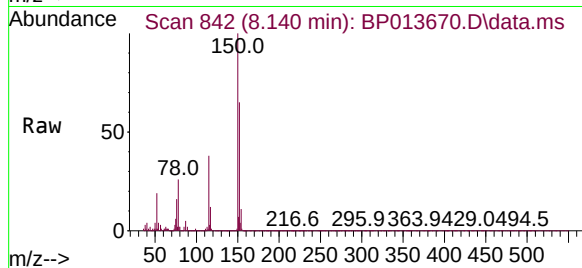
Quant Time: Feb 01 03:00:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 02:57:10 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.140 min Scan# 842
Delta R.T. -0.000 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

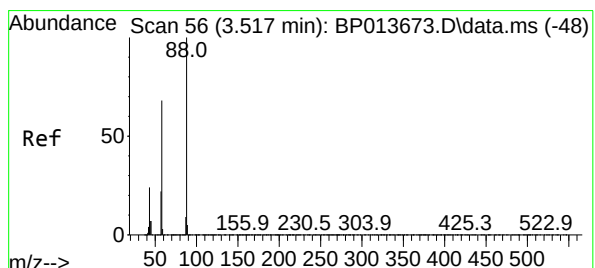
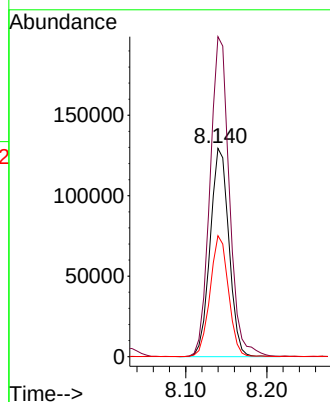
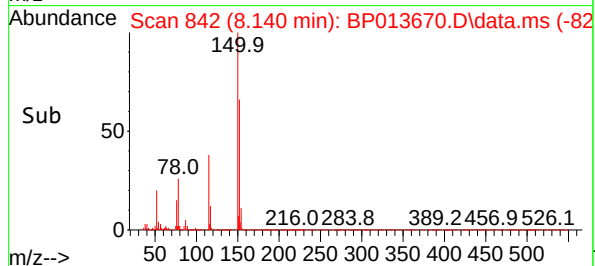
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 152 Resp: 20798
Ion Ratio Lower Upper
152 100
150 153.6 123.6 185.4
115 58.0 45.4 68.0

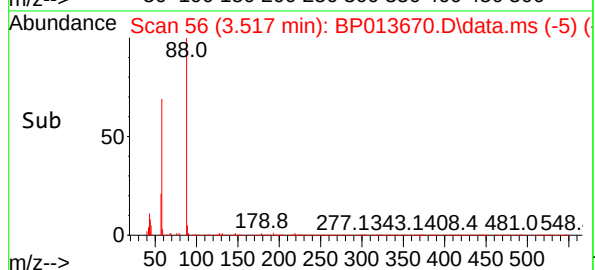
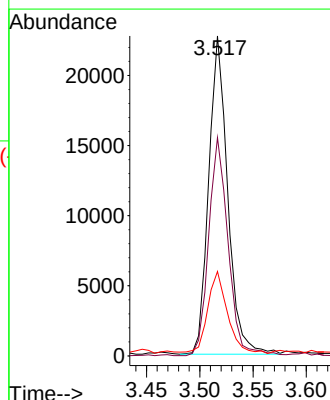
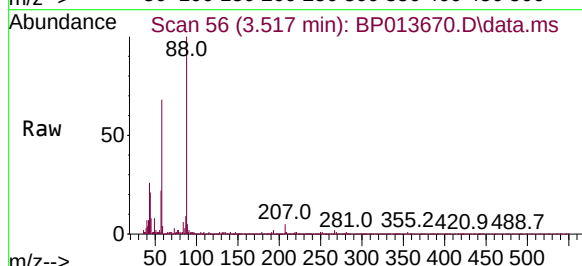
Manual Integrations
APPROVED

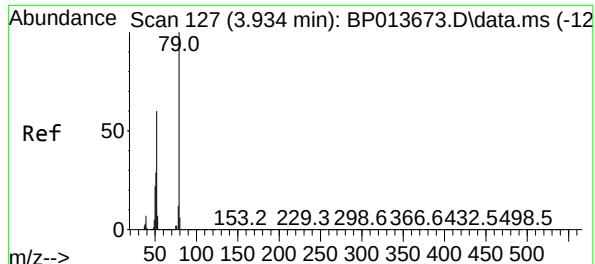
Reviewed By : Christian Giraldo 02/01/2023
Supervised By : Jagrut Upadhyay 02/01/2023



#2
1,4-Dioxane
Concen: 5.455 ng
RT: 3.517 min Scan# 56
Delta R.T. 0.000 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

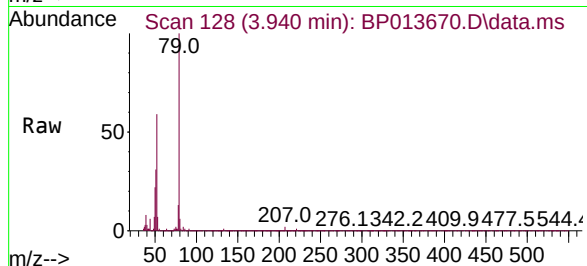
Tgt Ion: 88 Resp: 28079
Ion Ratio Lower Upper
88 100
58 70.0 53.8 80.8
43 27.0 19.8 29.6





#3
Pyridine
Concen: 5.302 ng
RT: 3.940 min Scan# 111
Delta R.T. 0.006 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

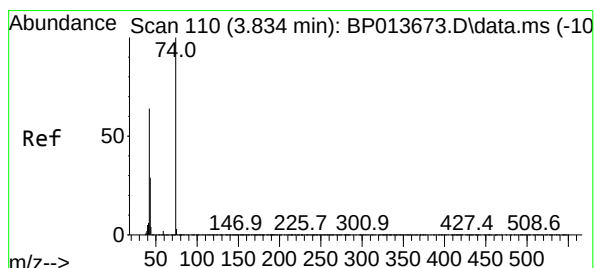
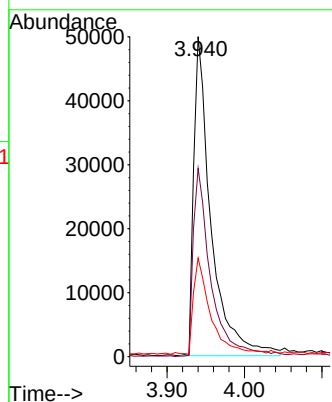
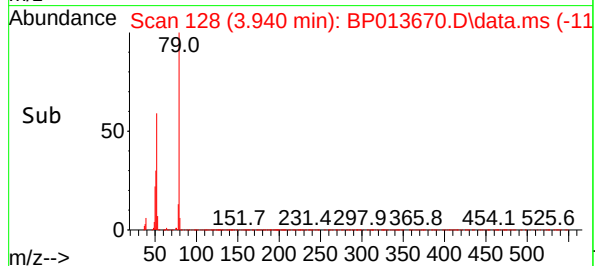
Instrument :
BNA_P
Client Sample Id :
SSTDICC005



Tgt Ion: 79 Resp: 77265
Ion Ratio Lower Upper
79 100
52 58.8 48.2 72.2
51 30.8 23.6 35.4

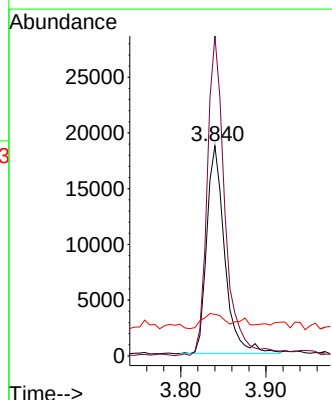
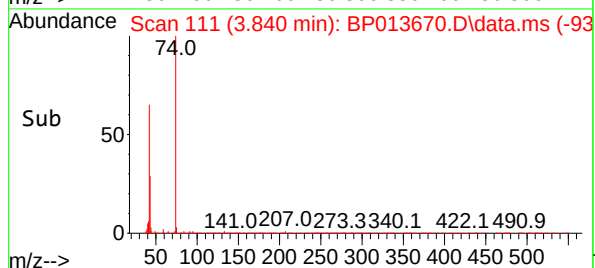
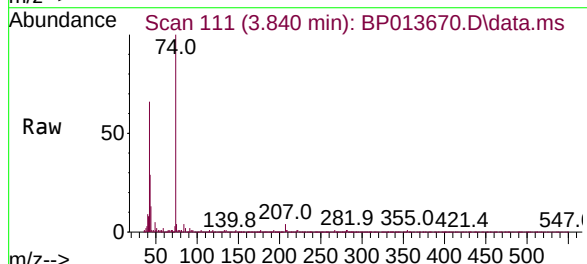
Manual Integrations
APPROVED

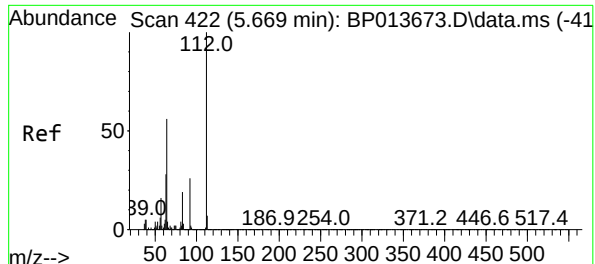
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#4
n-Nitrosodimethylamine
Concen: 5.129 ng
RT: 3.840 min Scan# 111
Delta R.T. 0.006 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

Tgt Ion: 42 Resp: 27257
Ion Ratio Lower Upper
42 100
74 152.4 124.6 187.0
44 19.8 6.3 9.5#





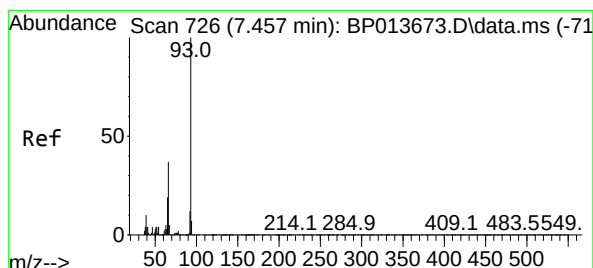
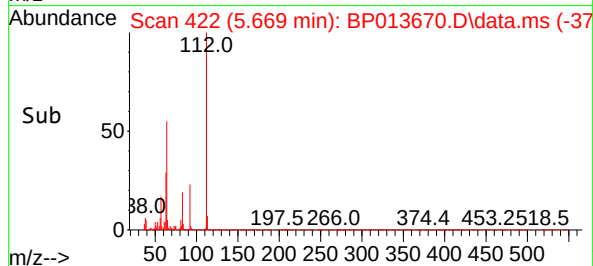
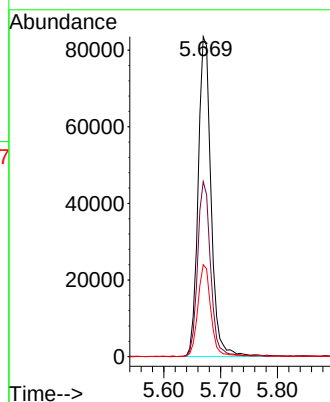
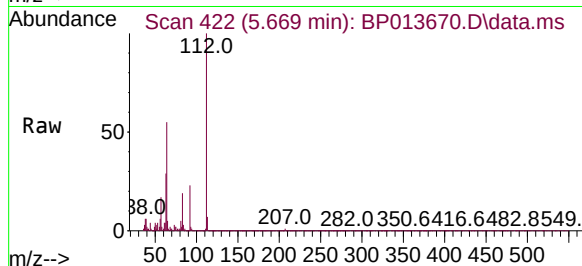
#5
2-Fluorophenol
Concen: 10.816 ng
RT: 5.669 min Scan# 422
Delta R.T. 0.000 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 112 Resp: 131596
Ion Ratio Lower Upper
112 100
64 54.7 44.6 67.0
63 28.7 22.6 34.0

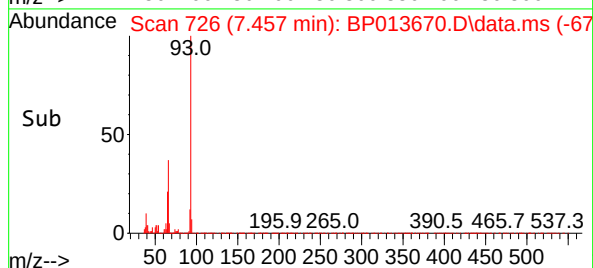
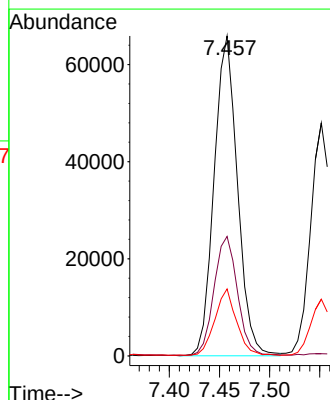
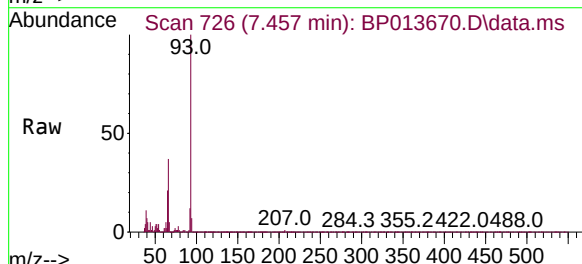
Manual Integrations
APPROVED

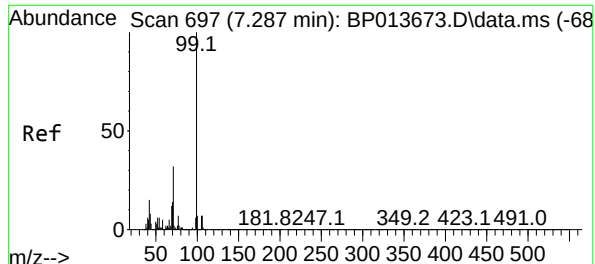
Reviewed By : Christian Giraldo 02/01/2023
Supervised By : Jagrut Upadhyay 02/01/2023



#6
Aniline
Concen: 5.059 ng
RT: 7.457 min Scan# 726
Delta R.T. 0.000 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

Tgt Ion: 93 Resp: 106910
Ion Ratio Lower Upper
93 100
66 37.3 29.3 43.9
65 20.9 15.1 22.7





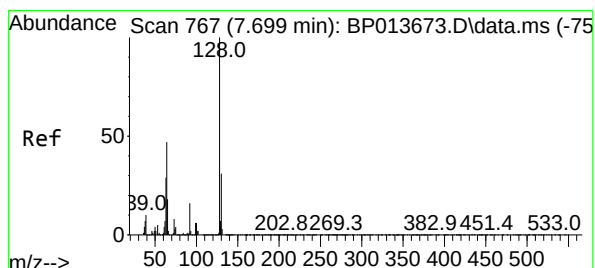
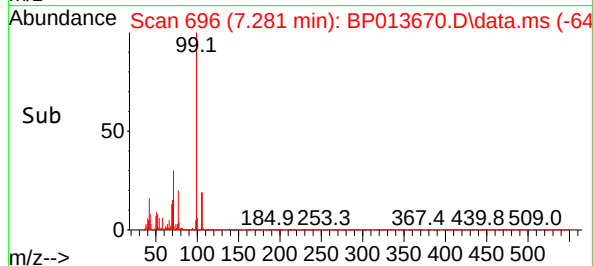
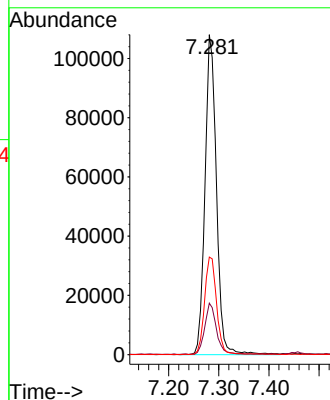
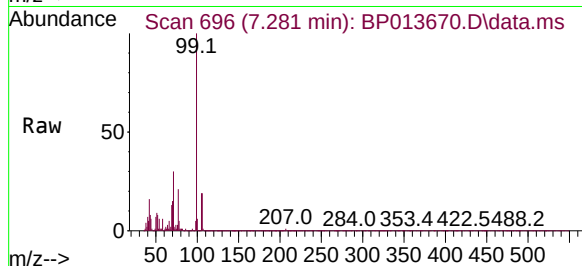
#7
Phenol-d6
Concen: 10.575 ng
RT: 7.281 min Scan# 697
Delta R.T. -0.006 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

Instrument :
BNA_P
Client Sample Id :
SSTDICC005

Tgt Ion: 99 Resp: 17141
Ion Ratio Lower Upper
99 100
42 16.1 11.8 17.6
71 30.5 25.6 38.4

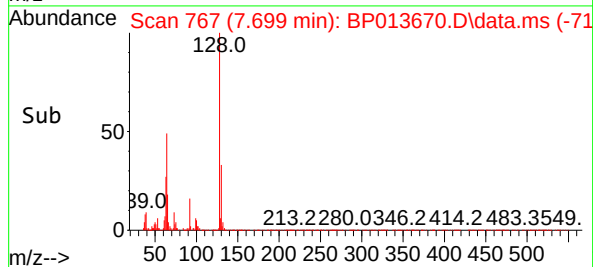
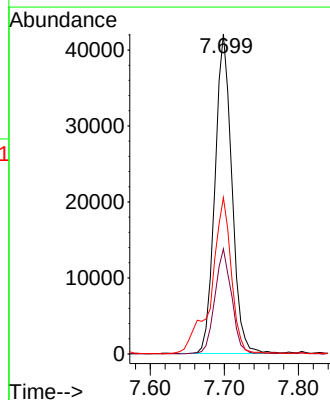
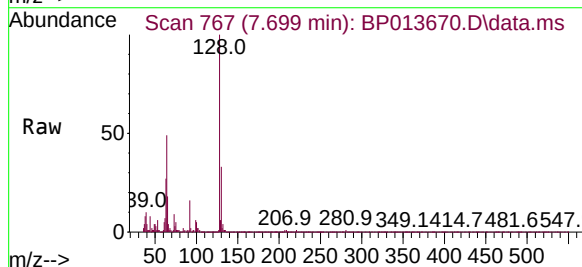
Manual Integrations
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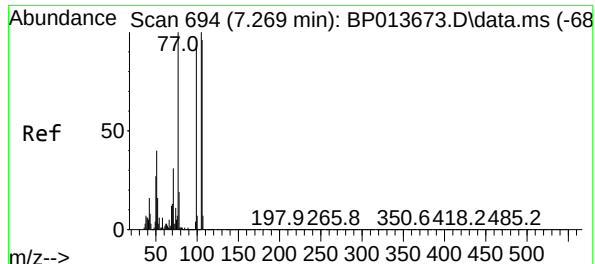
Reviewed By : Christian Giraldo 02/01/2023
Supervised By : Jagrut Upadhyay 02/01/2023



#8
2-Chlorophenol
Concen: 5.209 ng
RT: 7.699 min Scan# 767
Delta R.T. 0.000 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

Tgt Ion: 128 Resp: 66717
Ion Ratio Lower Upper
128 100
130 32.8 10.8 50.8
64 48.8 26.9 66.9





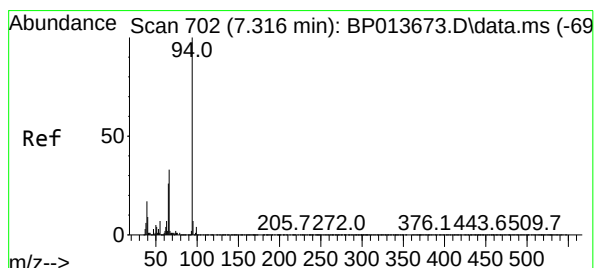
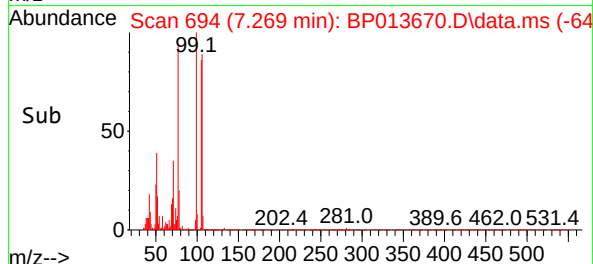
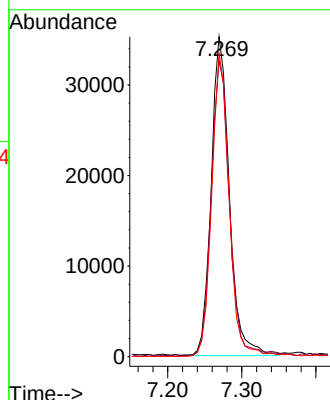
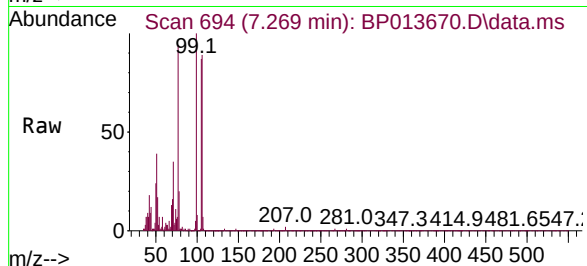
#9
Benzaldehyde
Concen: 7.286 ng
RT: 7.269 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

Instrument :
BNA_P
Client Sample Id :
SSTDICC005

Tgt Ion: 77 Resp: 59669
Ion Ratio Lower Upper
77 100
105 92.5 80.4 120.4
106 94.7 76.7 116.7

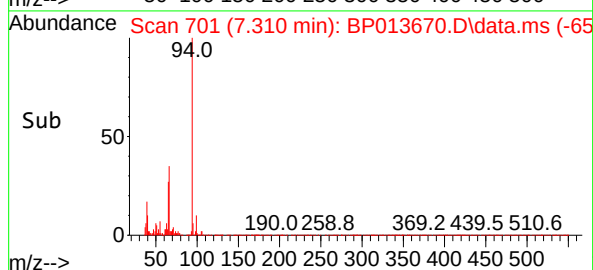
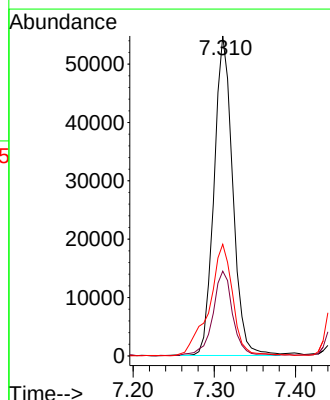
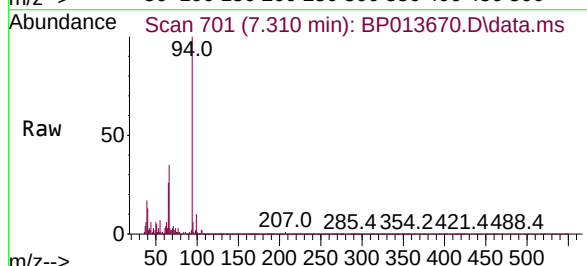
Manual Integrations
APPROVED

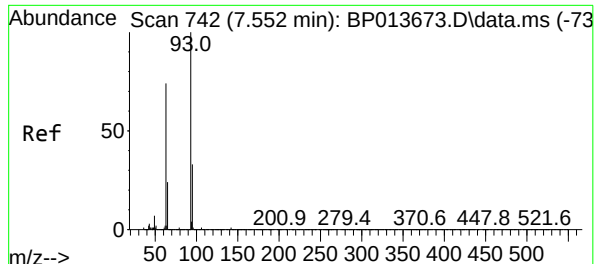
Reviewed By : Christian Giraldo 02/01/2023
Supervised By : Jagrut Upadhyay 02/01/2023



#10
Phenol
Concen: 5.172 ng
RT: 7.310 min Scan# 701
Delta R.T. -0.006 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

Tgt Ion: 94 Resp: 87572
Ion Ratio Lower Upper
94 100
65 26.5 6.0 46.0
66 34.9 13.1 53.1





#11

bis(2-Chloroethyl)ether

Concen: 5.338 ng

RT: 7.552 min Scan# 742

Delta R.T. 0.000 min

Lab File: BP013670.D

Acq: 31 Jan 2023 11:55

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion: 93 Resp: 72208

Ion Ratio Lower Upper

93 100

63 71.0 53.7 93.7

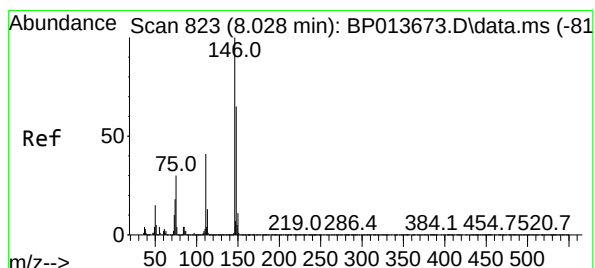
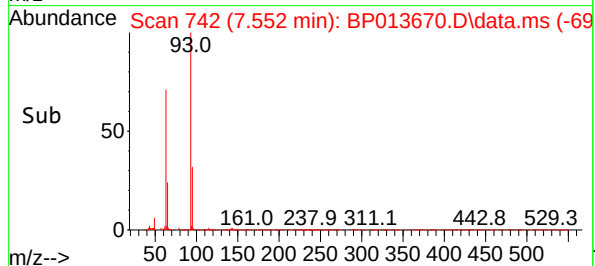
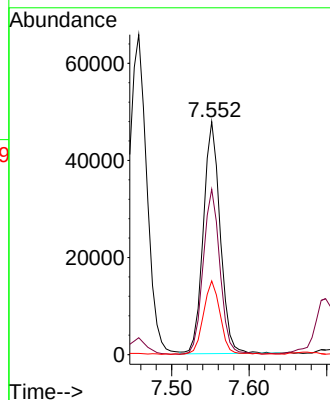
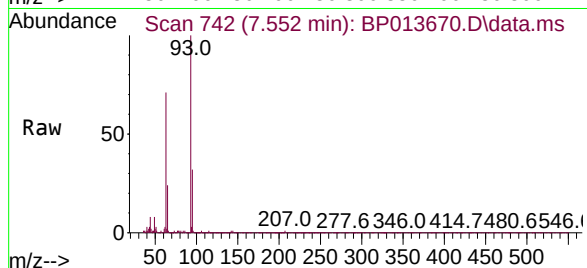
95 31.7 12.4 52.4

Manual Integrations

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Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#12

1,3-Dichlorobenzene

Concen: 5.408 ng

RT: 8.028 min Scan# 823

Delta R.T. 0.000 min

Lab File: BP013670.D

Acq: 31 Jan 2023 11:55

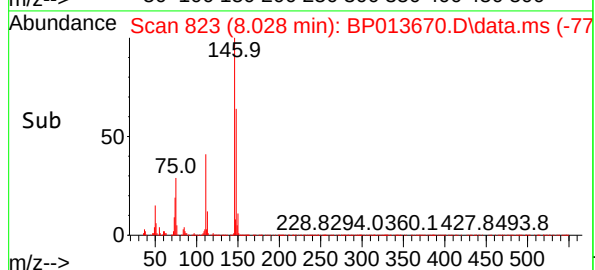
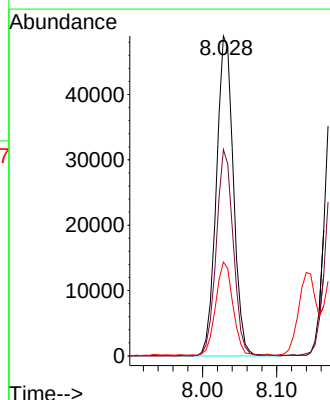
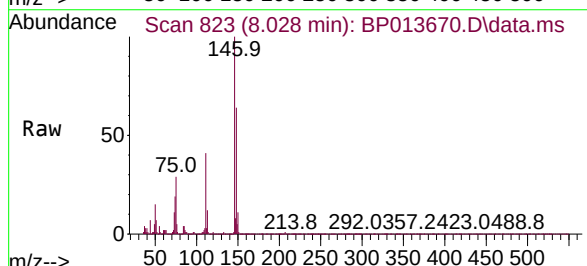
Tgt Ion:146 Resp: 78024

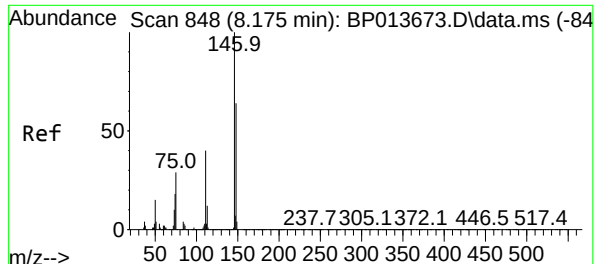
Ion Ratio Lower Upper

146 100

148 64.5 51.9 77.9

75 29.3 24.0 36.0





#13

1,4-Dichlorobenzene

Concen: 5.355 ng

RT: 8.175 min Scan# 84

Delta R.T. 0.000 min

Lab File: BP013670.D

Acq: 31 Jan 2023 11:55

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:146 Resp: 78176

Ion Ratio Lower Upper

146 100

148 65.8 51.5 77.3

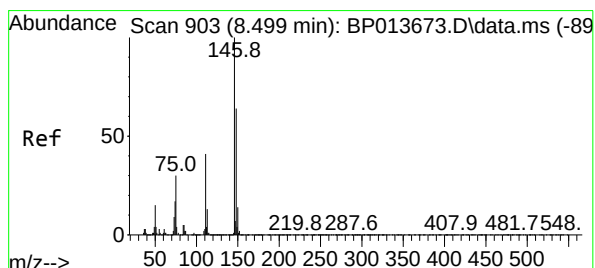
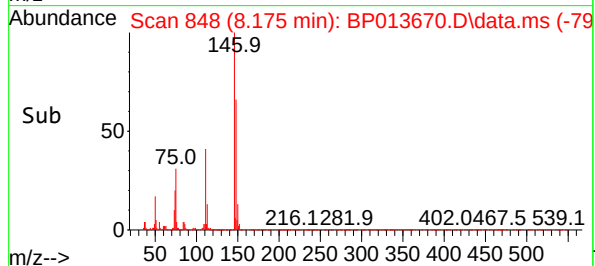
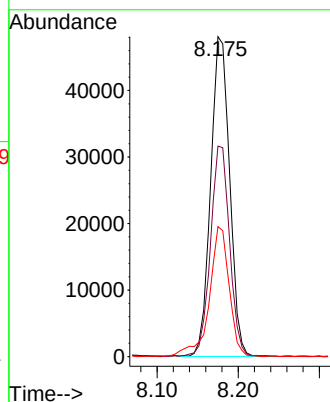
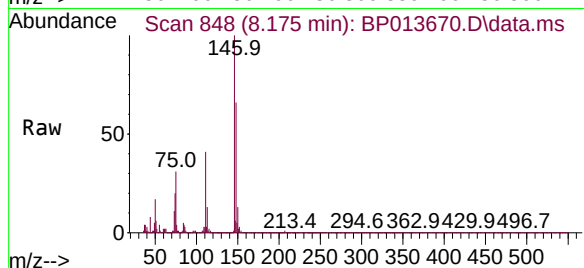
111 40.6 32.0 48.0

Manual Integrations

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Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#14

1,2-Dichlorobenzene

Concen: 5.438 ng

RT: 8.499 min Scan# 903

Delta R.T. 0.000 min

Lab File: BP013670.D

Acq: 31 Jan 2023 11:55

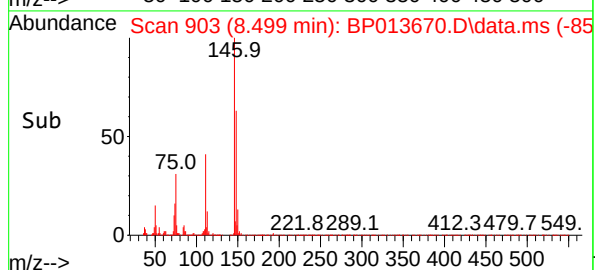
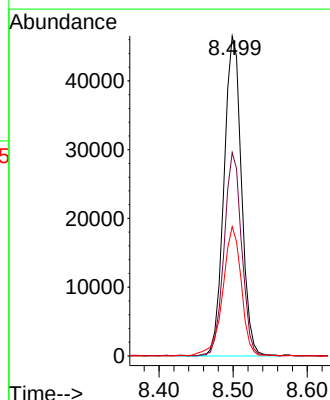
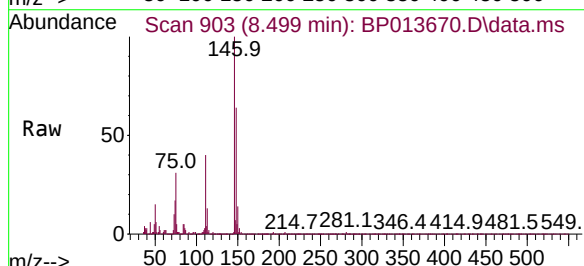
Tgt Ion:146 Resp: 75973

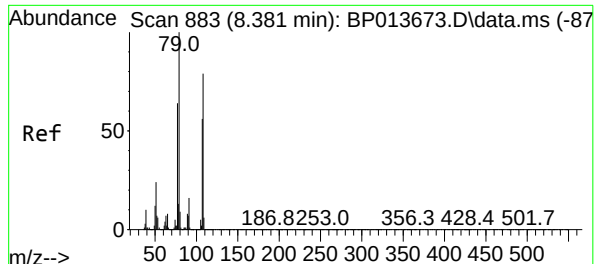
Ion Ratio Lower Upper

146 100

148 63.6 51.3 76.9

111 40.4 32.8 49.2





#15

Benzyl Alcohol

Concen: 4.777 ng

RT: 8.381 min Scan# 883

Delta R.T. -0.000 min

Lab File: BP013670.D

Acq: 31 Jan 2023 11:55

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion: 79 Resp: 54828

Ion Ratio Lower Upper

79 100

108 81.1 62.9 94.3

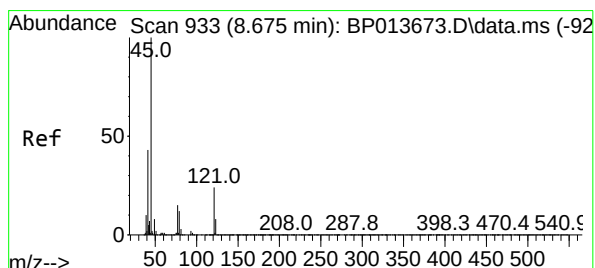
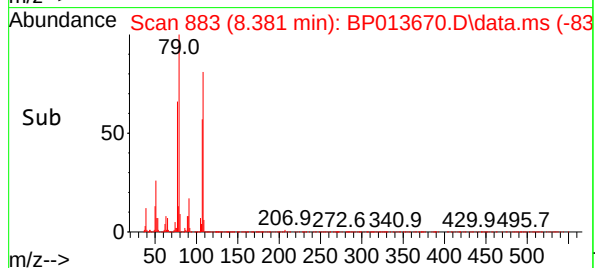
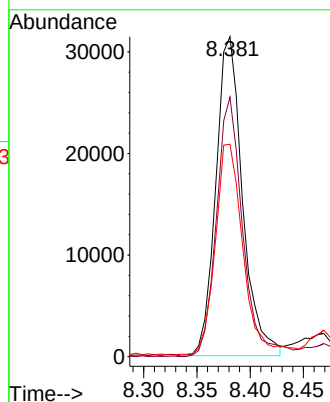
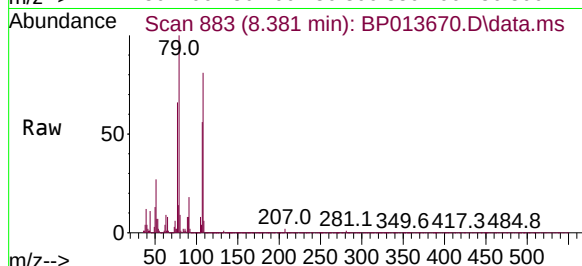
77 66.4 51.1 76.7

Manual Integrations

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Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#16

2,2'-oxybis(1-Chloropropane)

Concen: 5.348 ng m

RT: 8.675 min Scan# 933

Delta R.T. 0.000 min

Lab File: BP013670.D

Acq: 31 Jan 2023 11:55

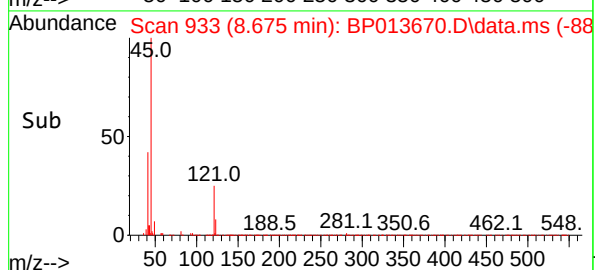
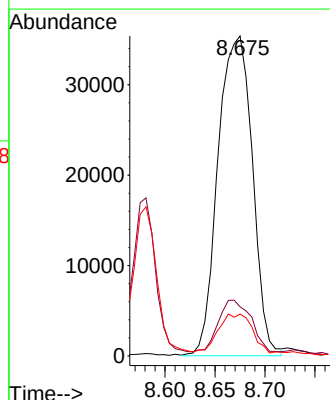
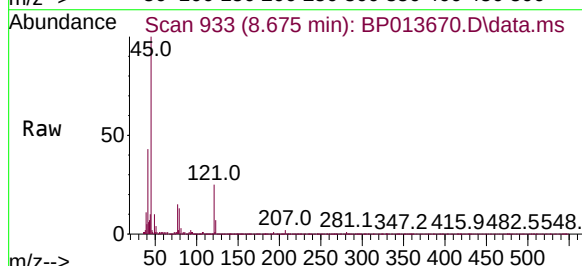
Tgt Ion: 45 Resp: 84815

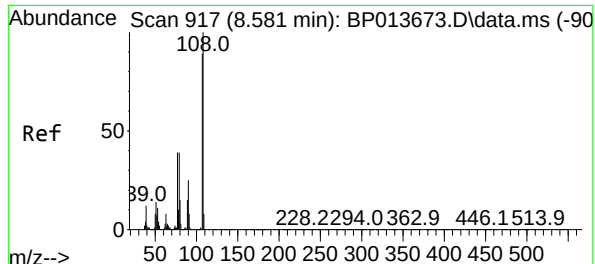
Ion Ratio Lower Upper

45 100

77 15.4 0.0 36.4

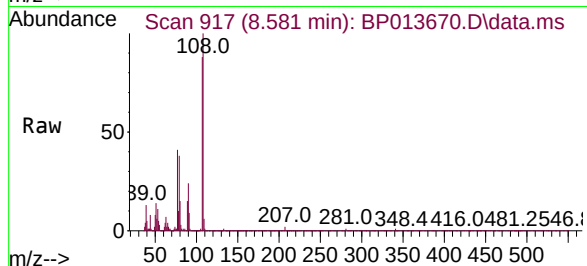
79 13.1 0.0 33.4





#17
2-Methylphenol
Concen: 5.049 ng
RT: 8.581 min Scan# 917
Delta R.T. 0.000 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

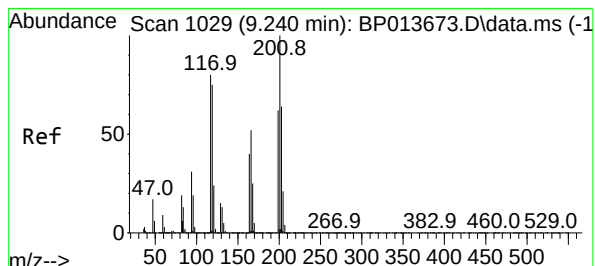
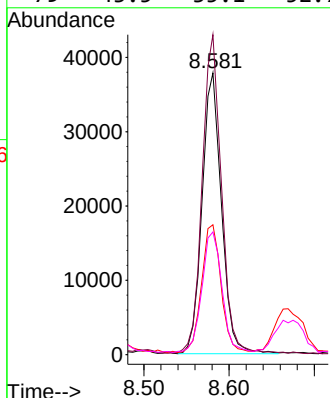
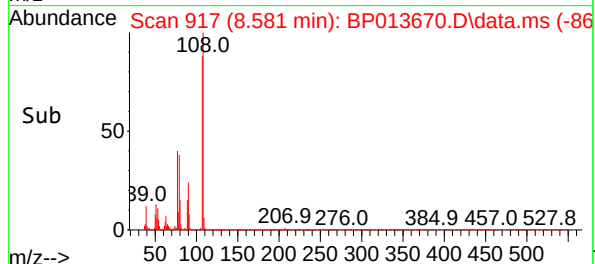
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:107 Resp: 59913
Ion Ratio Lower Upper
107 100
108 113.6 90.0 135.0
77 46.1 35.7 53.5
79 43.5 35.1 52.7

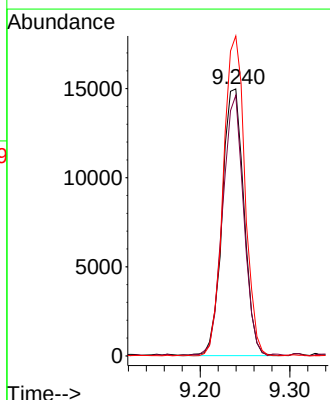
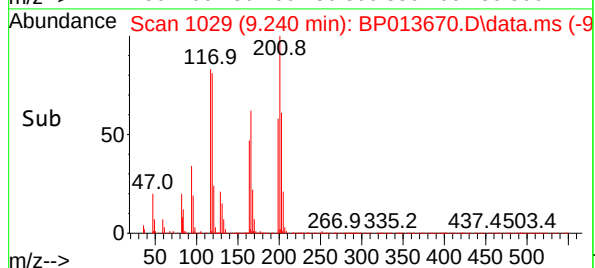
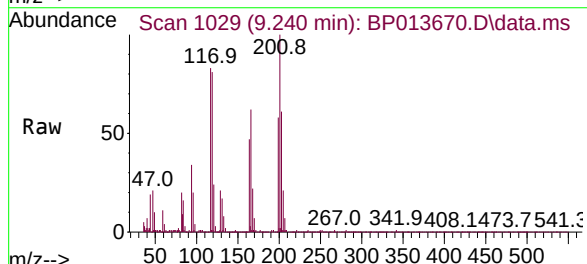
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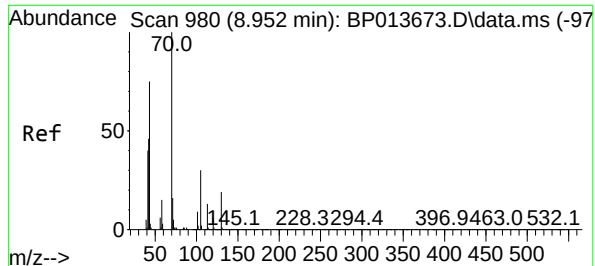
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#18
Hexachloroethane
Concen: 5.236 ng
RT: 9.240 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

Tgt Ion:117 Resp: 25208
Ion Ratio Lower Upper
117 100
119 97.6 75.0 112.4
201 119.9 100.4 150.6





#19

n-Nitroso-di-n-propylamine

Concen: 5.029 ng

RT: 8.946 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP013670.D

Acq: 31 Jan 2023 11:55

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion: 70 Resp: 51145

Ion Ratio Lower Upper

70 100

42 48.8 37.2 55.8

101 7.5 7.4 11.2

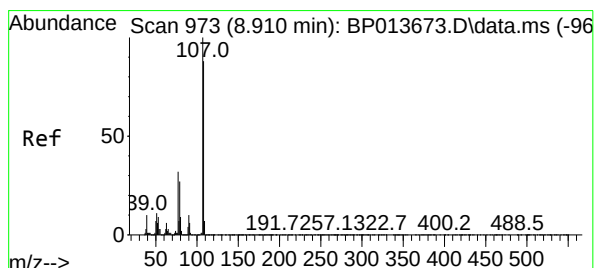
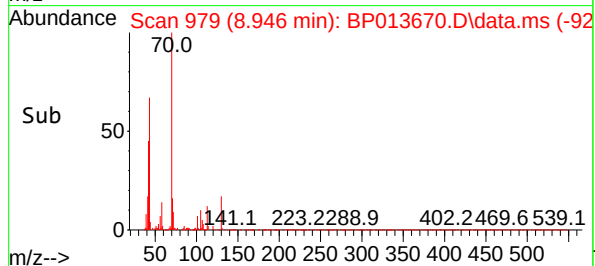
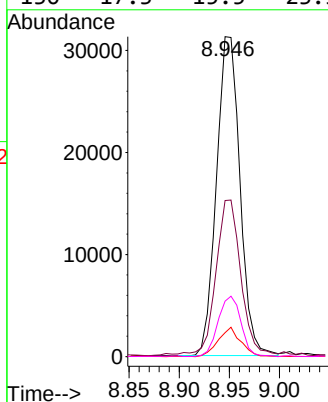
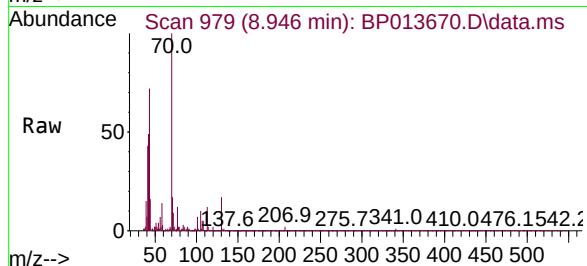
130 17.3 15.5 23.3

Manual Integrations

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Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#20

3+4-Methylphenols

Concen: 4.909 ng

RT: 8.904 min Scan# 972

Delta R.T. -0.006 min

Lab File: BP013670.D

Acq: 31 Jan 2023 11:55

Tgt Ion:107 Resp: 79463

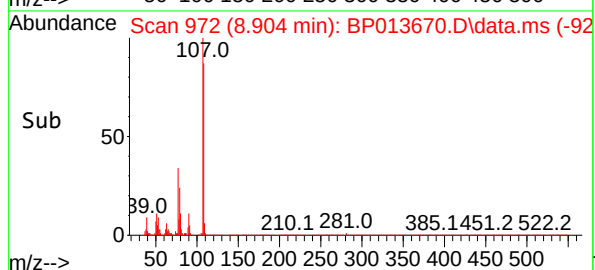
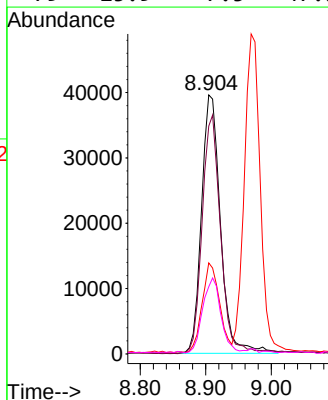
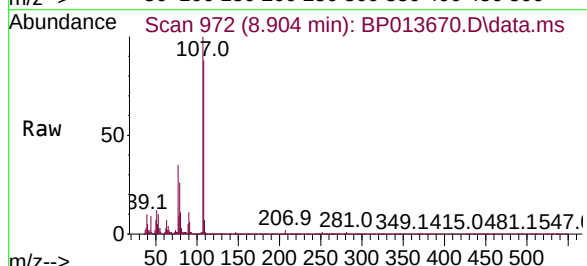
Ion Ratio Lower Upper

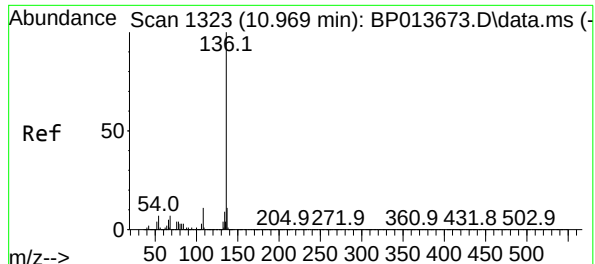
107 100

108 87.9 67.7 107.7

77 35.1 12.0 52.0

79 25.9 7.5 47.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.969 min Scan# 1323

Delta R.T. 0.000 min

Lab File: BP013670.D

Acq: 31 Jan 2023 11:55

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:136 Resp: 798252

Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 7.7 6.0 9.0

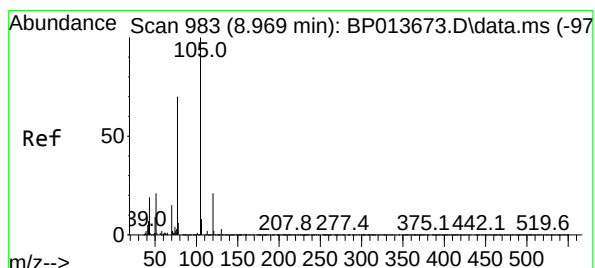
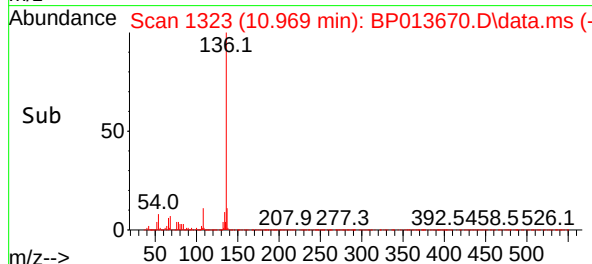
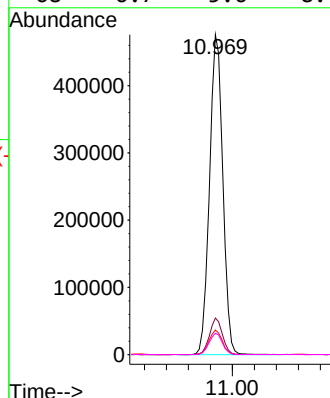
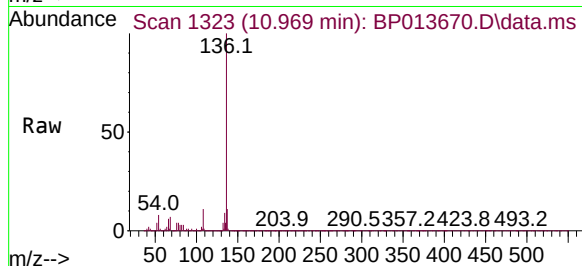
68 6.7 5.6 8.4

Manual Integrations

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Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#22

Acetophenone

Concen: 5.081 ng

RT: 8.969 min Scan# 983

Delta R.T. 0.000 min

Lab File: BP013670.D

Acq: 31 Jan 2023 11:55

Tgt Ion:105 Resp: 105769

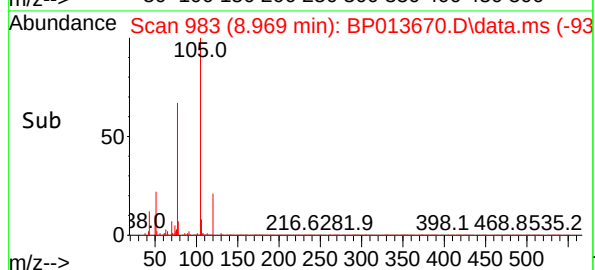
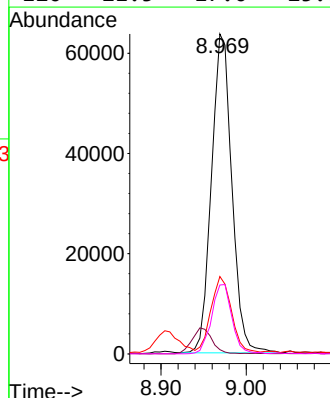
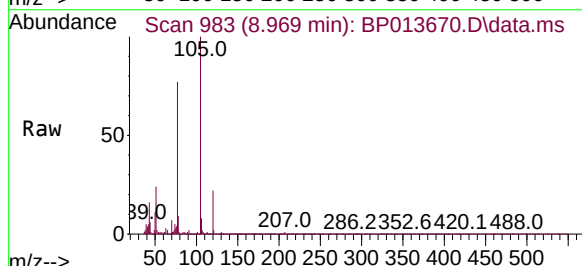
Ion Ratio Lower Upper

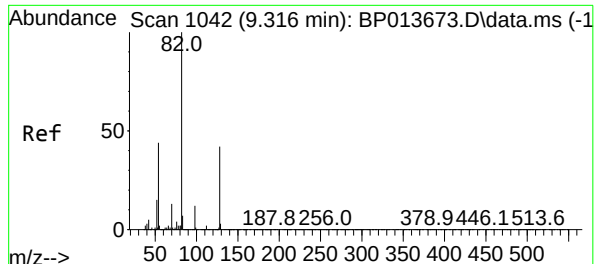
105 100

71 1.3 2.2 3.2

51 24.2 18.6 27.8

120 21.5 17.0 25.6





#23

Nitrobenzene-d5

Concen: 8.434 ng

RT: 9.310 min Scan# 1041

Delta R.T. -0.006 min

Lab File: BP013670.D

Acq: 31 Jan 2023 11:55

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

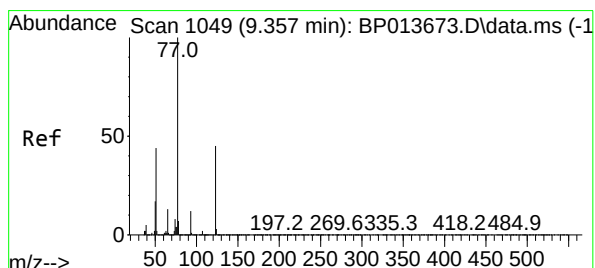
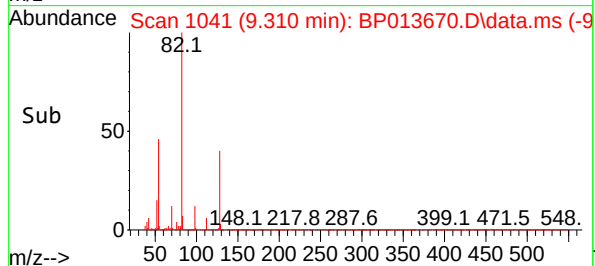
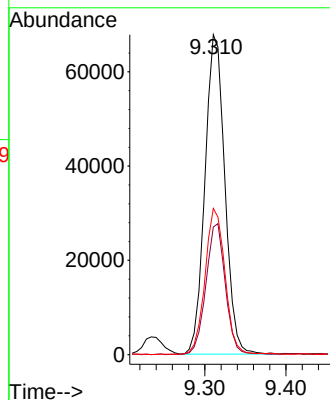
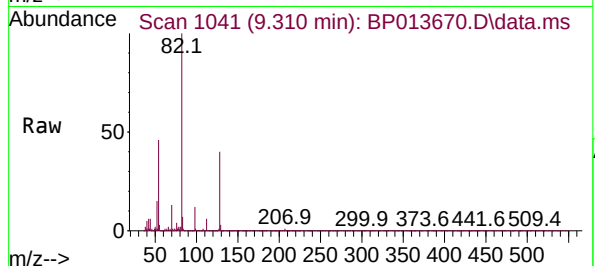
Tgt Ion:	82	Resp:	115739
Ion	Ratio	Lower	Upper
82	100		
128	39.9	33.4	50.0
54	45.7	35.4	53.0

Manual Integrations

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Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#24

Nitrobenzene

Concen: 4.444 ng

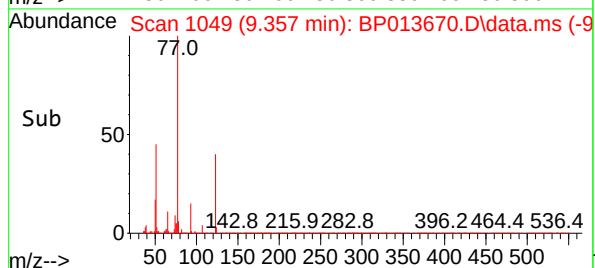
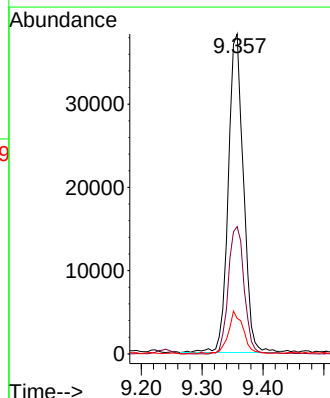
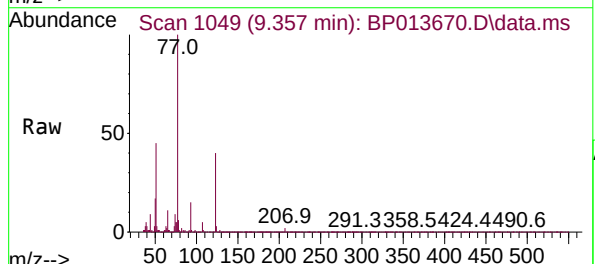
RT: 9.357 min Scan# 1049

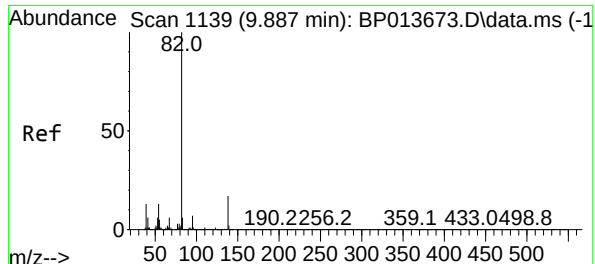
Delta R.T. 0.000 min

Lab File: BP013670.D

Acq: 31 Jan 2023 11:55

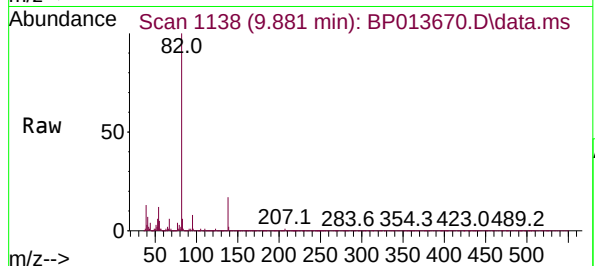
Tgt Ion:	77	Resp:	66145
Ion	Ratio	Lower	Upper
77	100		
123	39.8	35.9	53.9
65	11.1	10.2	15.4





#25
Isophorone
Concen: 4.892 ng
RT: 9.881 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

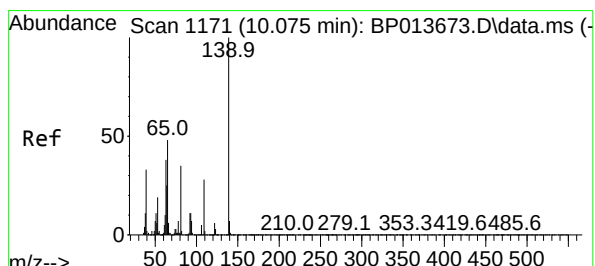
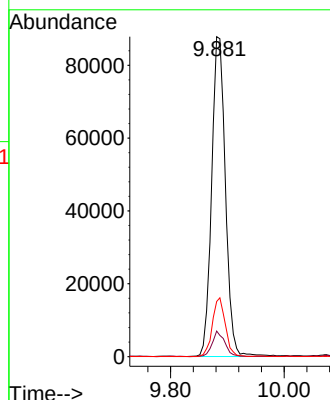
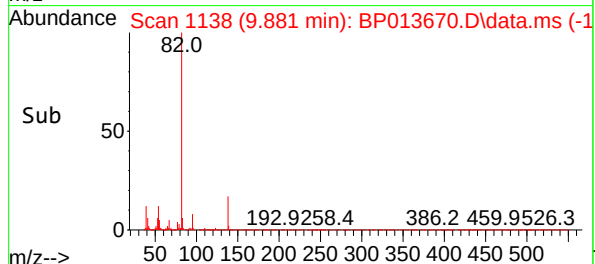
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 82 Resp: 148792
Ion Ratio Lower Upper
82 100
95 8.0 5.4 8.2
138 17.3 13.9 20.9

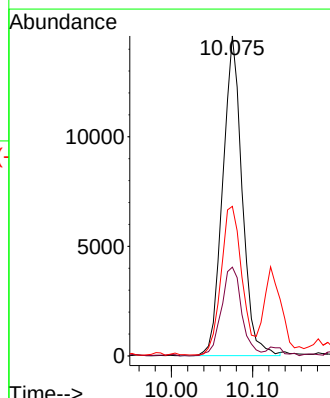
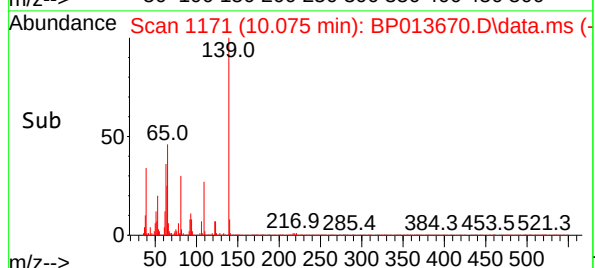
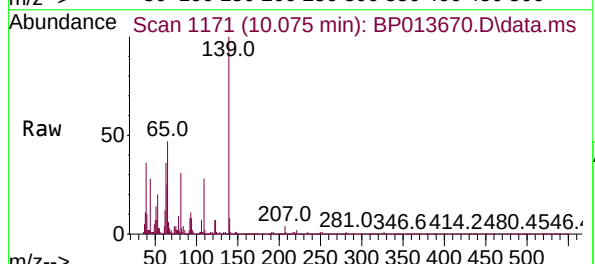
Manual Integrations
APPROVED

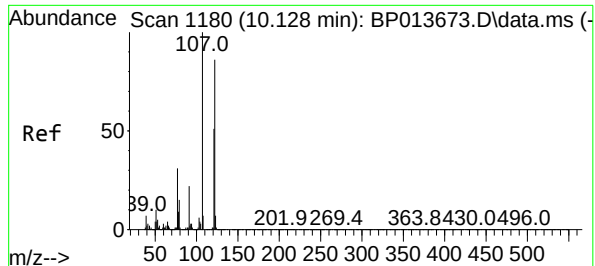
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#26
2-Nitrophenol
Concen: 3.889 ng
RT: 10.075 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

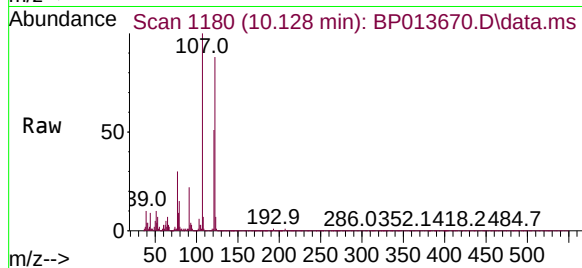
Tgt Ion:139 Resp: 24227
Ion Ratio Lower Upper
139 100
109 27.7 22.7 34.1
65 46.7 38.8 58.2





#27
2,4-Dimethylphenol
Concen: 4.638 ng
RT: 10.128 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

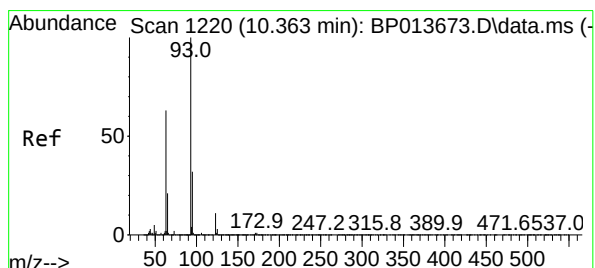
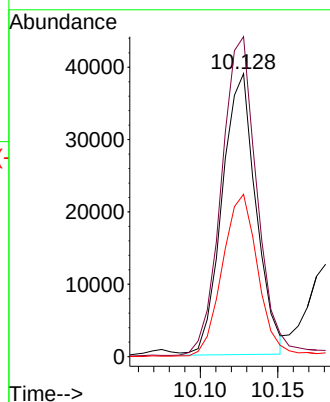
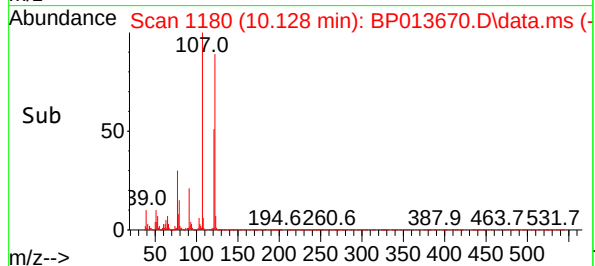
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



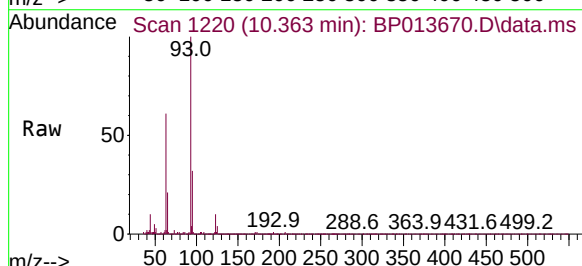
Tgt Ion:122 Resp: 59159
Ion Ratio Lower Upper
122 100
107 113.1 93.0 139.6
121 57.4 47.0 70.4

Manual Integrations
APPROVED

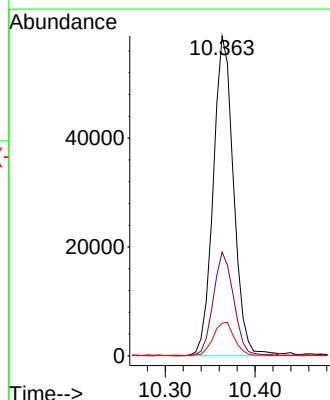
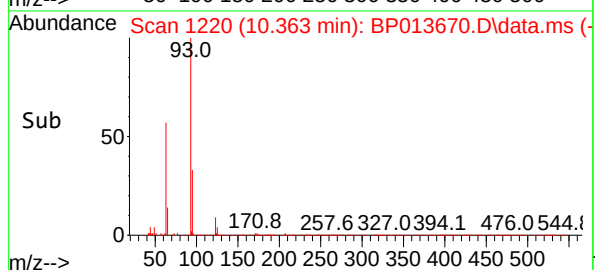
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

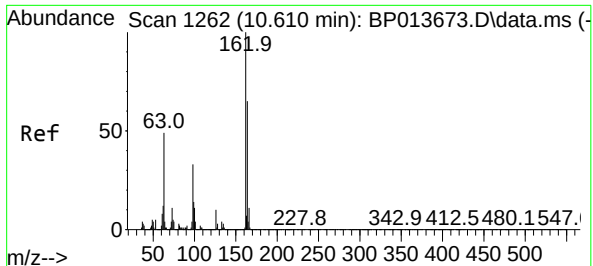


#28
bis(2-Chloroethoxy)methane
Concen: 5.089 ng
RT: 10.363 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55



Tgt Ion: 93 Resp: 92765
Ion Ratio Lower Upper
93 100
95 32.4 26.0 39.0
123 10.2 8.7 13.1





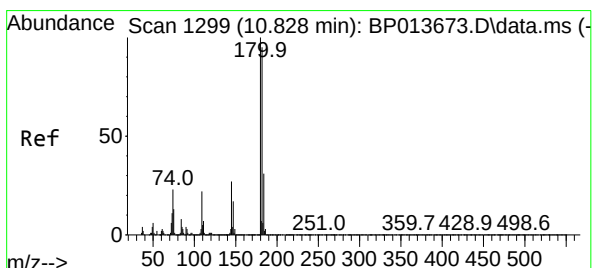
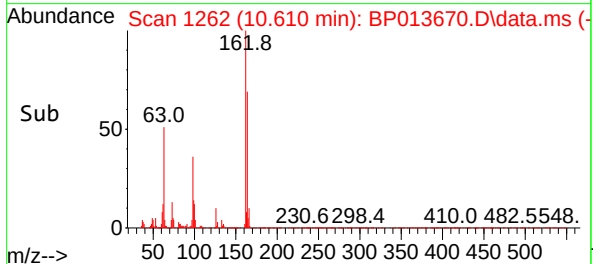
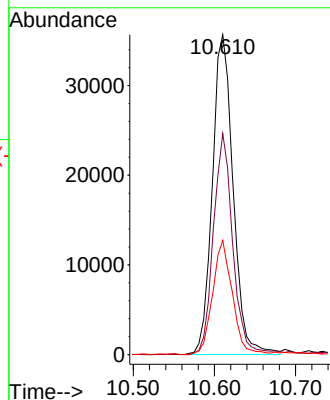
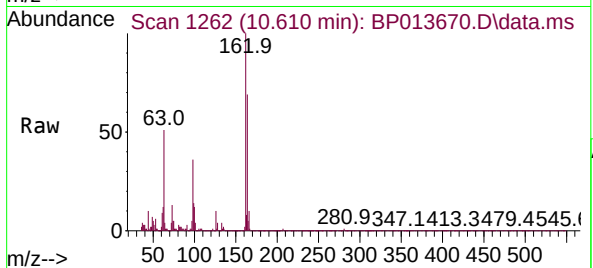
#29
2,4-Dichlorophenol
Concen: 4.753 ng
RT: 10.610 min Scan# 1262
Delta R.T. 0.000 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:162 Resp: 63496
Ion Ratio Lower Upper
162 100
164 69.1 44.8 84.8
98 35.7 13.4 53.4

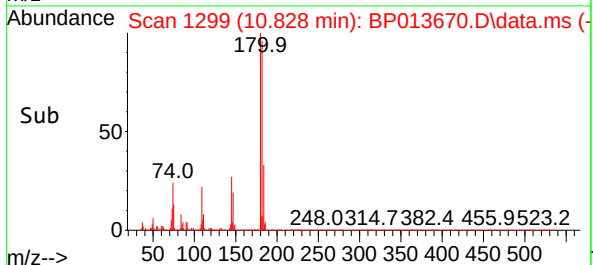
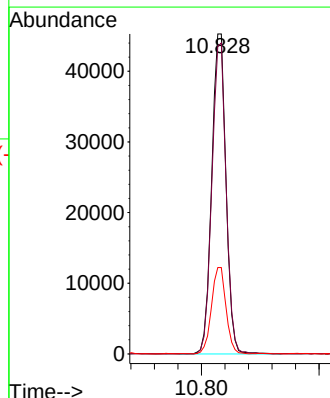
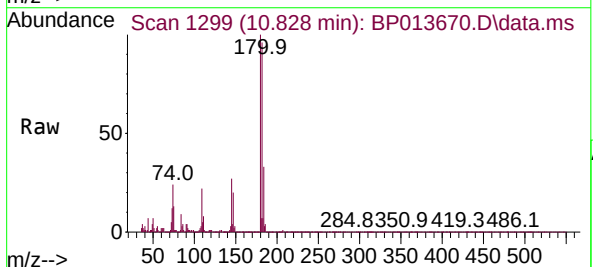
Manual Integrations
APPROVED

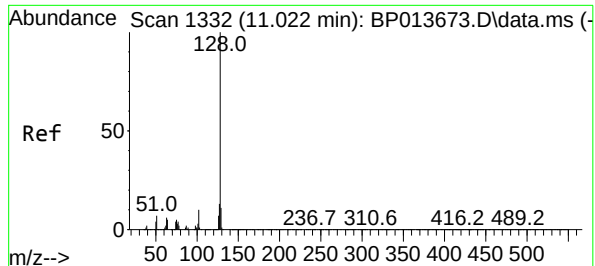
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#30
1,2,4-Trichlorobenzene
Concen: 5.138 ng
RT: 10.828 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

Tgt Ion:180 Resp: 76166
Ion Ratio Lower Upper
180 100
182 96.1 76.4 114.6
145 27.0 21.9 32.9





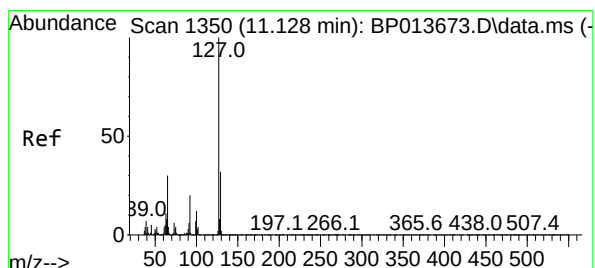
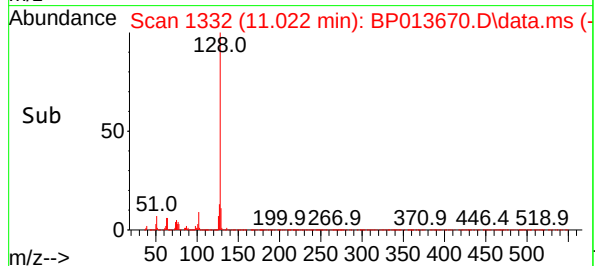
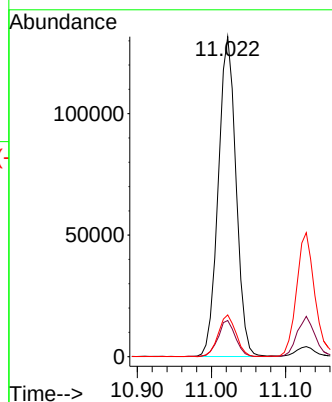
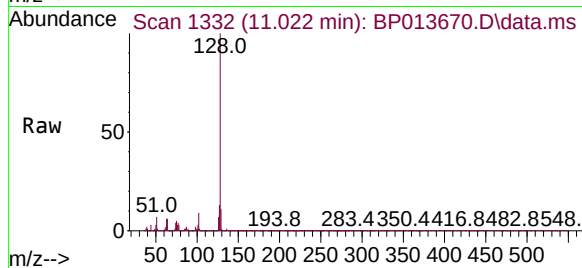
#31
Naphthalene
Concen: 5.214 ng
RT: 11.022 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 218830
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 13.0 10.5 15.7

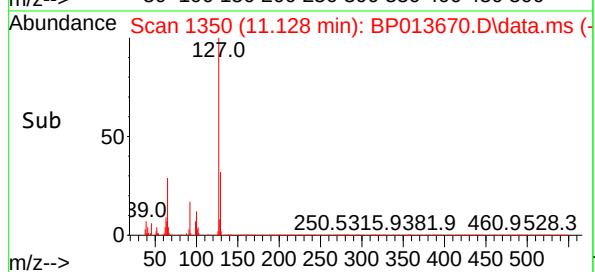
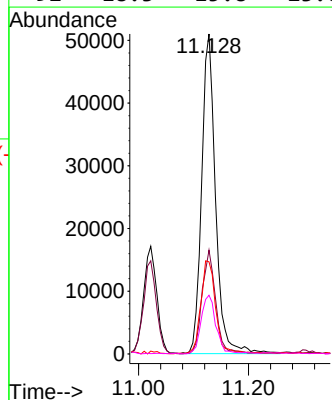
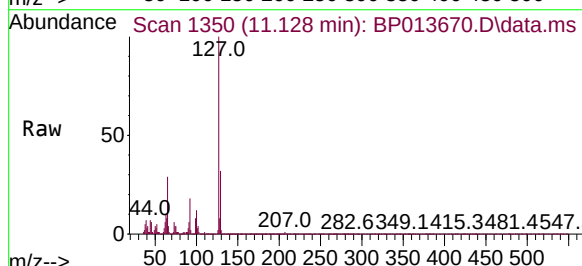
Manual Integrations
APPROVED

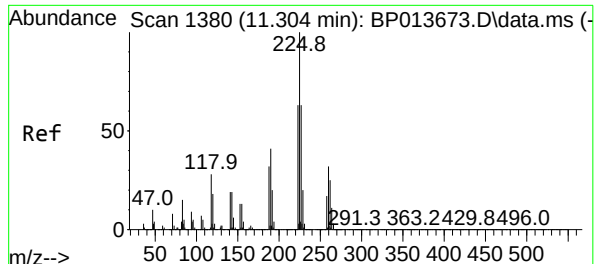
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#33
4-Chloroaniline
Concen: 4.865 ng
RT: 11.128 min Scan# 1350
Delta R.T. 0.000 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

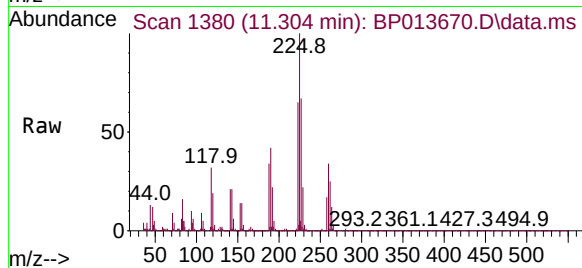
Tgt Ion:127 Resp: 89719
Ion Ratio Lower Upper
127 100
129 32.4 25.3 37.9
65 28.8 23.8 35.8
92 18.3 15.8 23.6





#34
Hexachlorobutadiene
Concen: 5.129 ng
RT: 11.304 min Scan# 1478
Delta R.T. 0.000 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

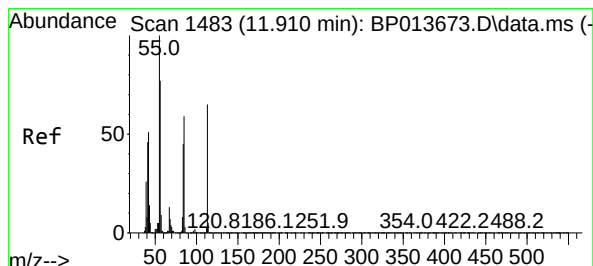
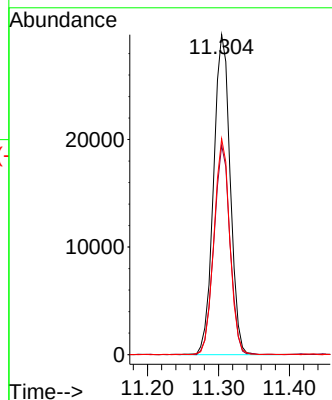
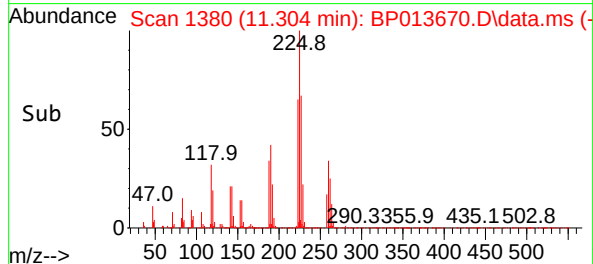
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 225 Resp: 48262
Ion Ratio Lower Upper
225 100
223 65.4 50.5 75.7
227 67.5 50.6 75.8

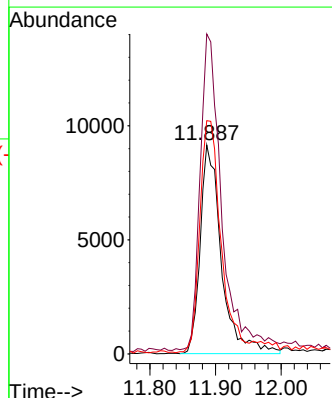
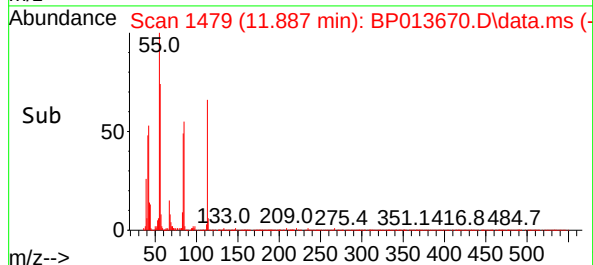
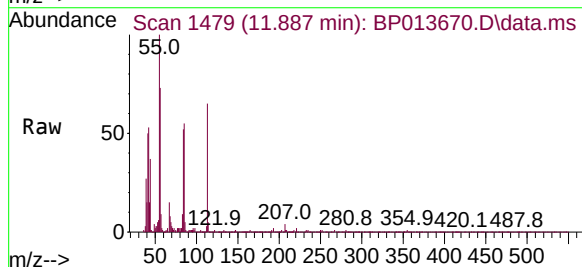
Manual Integrations
APPROVED

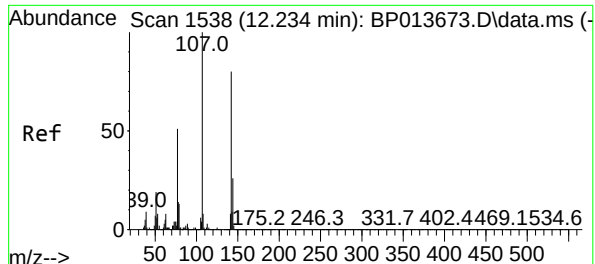
Reviewed By : Christian Giraldo 02/01/2023
Supervised By : Jagrut Upadhyay 02/01/2023



#35
Caprolactam
Concen: 4.688 ng
RT: 11.887 min Scan# 1479
Delta R.T. -0.024 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

Tgt Ion: 113 Resp: 20488
Ion Ratio Lower Upper
113 100
55 153.2 133.0 173.0
56 111.6 97.4 137.4





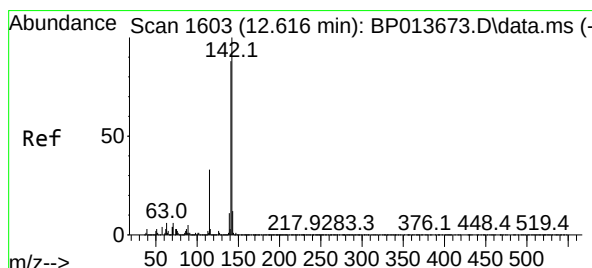
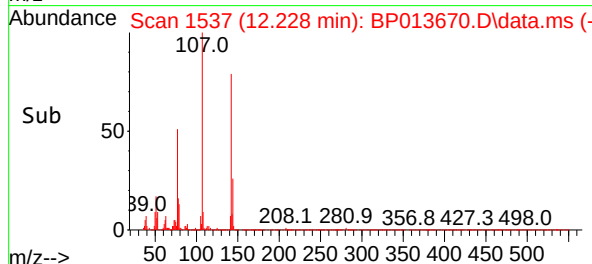
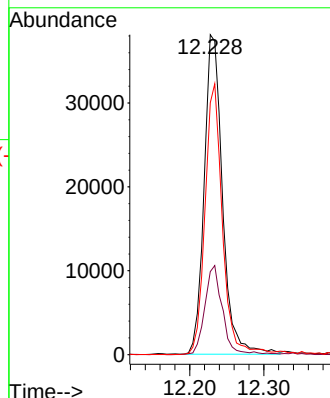
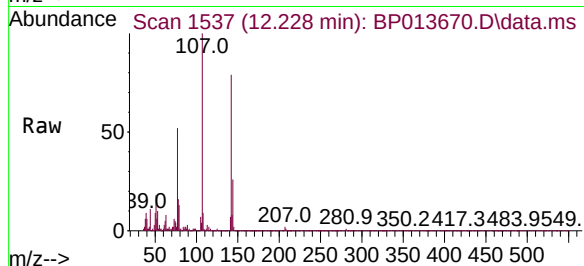
#36
4-Chloro-3-methylphenol
Concen: 4.663 ng
RT: 12.228 min Scan# 1537
Delta R.T. -0.006 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:107 Resp: 65529
Ion Ratio Lower Upper
107 100
144 25.9 20.8 31.2
142 78.7 64.0 96.0

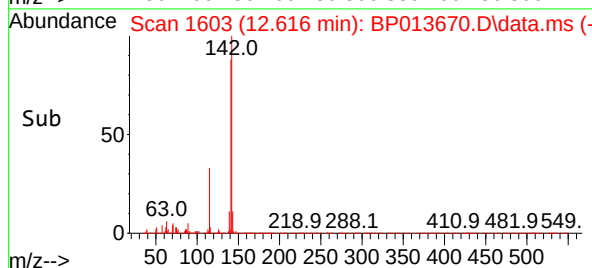
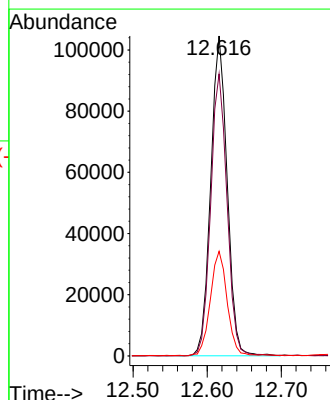
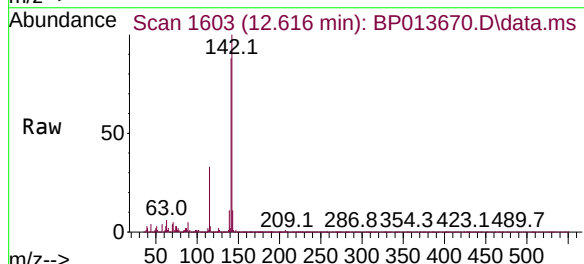
Manual Integrations
APPROVED

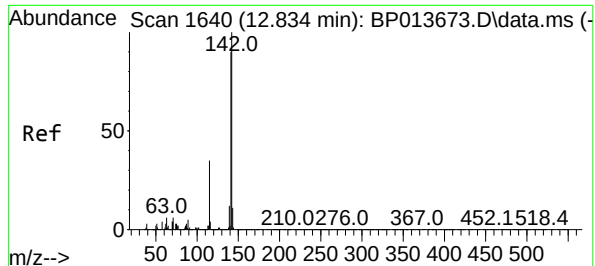
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#37
2-Methylnaphthalene
Concen: 5.110 ng
RT: 12.616 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

Tgt Ion:142 Resp: 161261
Ion Ratio Lower Upper
142 100
141 88.1 70.3 105.5
115 32.7 26.4 39.6





#38

1-Methylnaphthalene

Concen: 5.098 ng

RT: 12.834 min Scan# 10

Delta R.T. 0.000 min

Lab File: BP013670.D

Acq: 31 Jan 2023 11:55

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:142 Resp: 151118

Ion Ratio Lower Upper

142 100

141 90.6 72.2 108.4

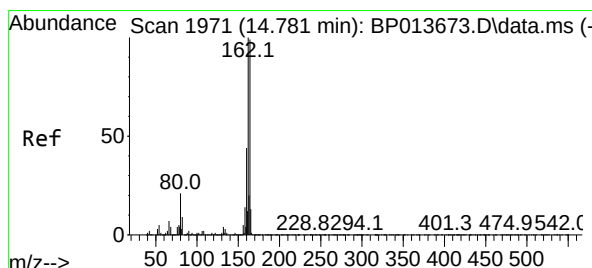
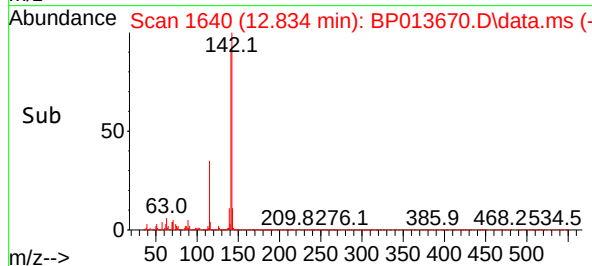
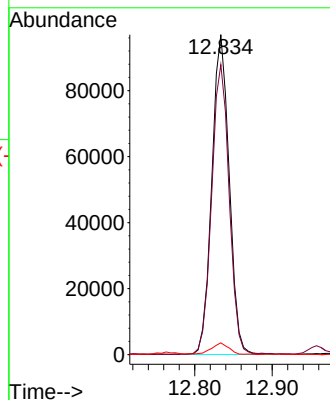
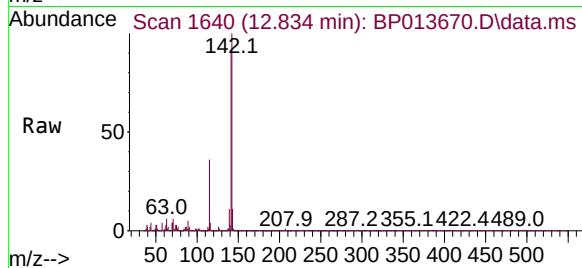
116 3.7 3.0 4.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.775 min Scan# 1970

Delta R.T. -0.006 min

Lab File: BP013670.D

Acq: 31 Jan 2023 11:55

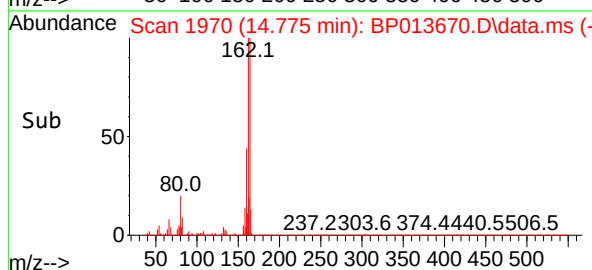
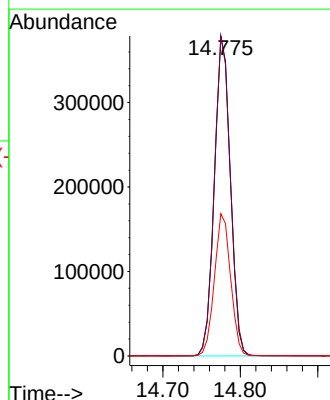
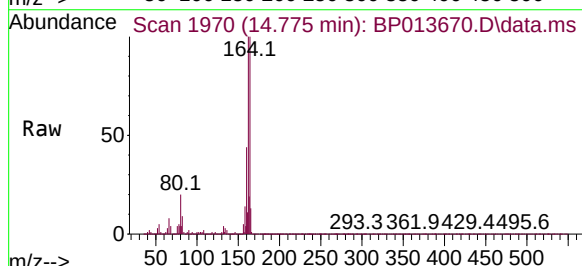
Tgt Ion:164 Resp: 542433

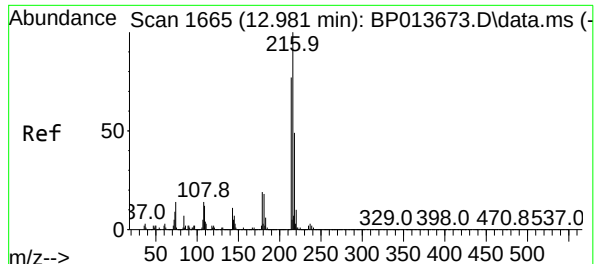
Ion Ratio Lower Upper

164 100

162 100.2 80.8 121.2

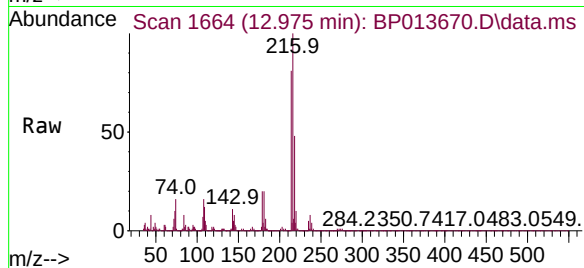
160 44.5 35.6 53.4





#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.826 ng
RT: 12.975 min Scan# 1664
Delta R.T. -0.006 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

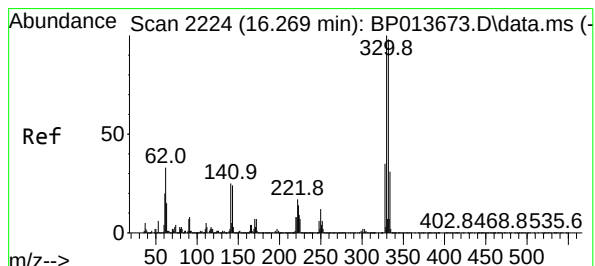
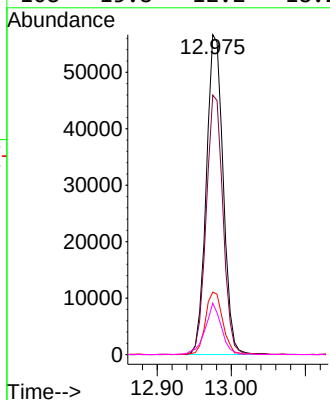
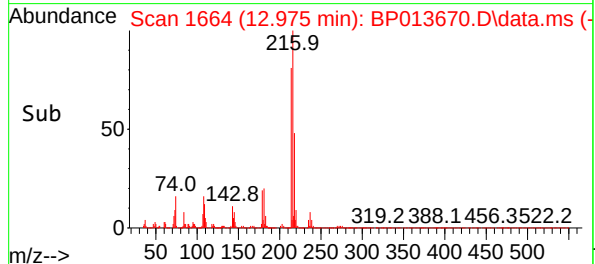
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 216 Resp: 8937
Ion Ratio Lower Upper
216 100
214 80.7 62.6 94.0
179 20.1 15.2 22.8
108 15.8 12.2 18.2

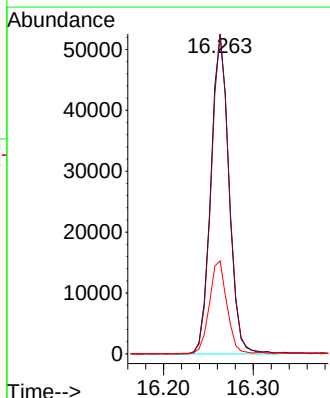
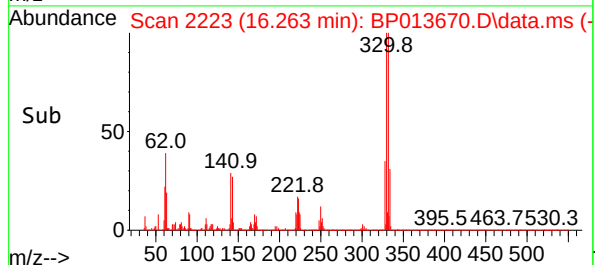
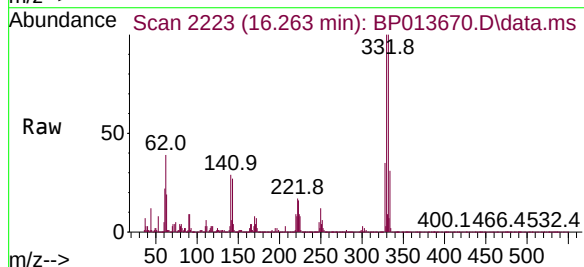
Manual Integrations
APPROVED

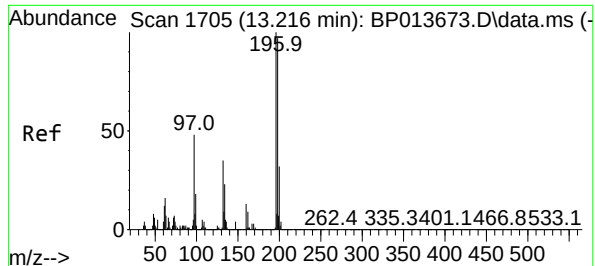
Reviewed By : Christian Giraldo 02/01/2023
Supervised By : Jagrut Upadhyay 02/01/2023



#42
2,4,6-Tribromophenol
Concen: 9.086 ng
RT: 16.263 min Scan# 2223
Delta R.T. -0.006 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

Tgt Ion: 330 Resp: 73920
Ion Ratio Lower Upper
330 100
332 99.1 77.4 116.2
141 28.4 21.3 31.9





#43

2,4,6-Trichlorophenol

Concen: 4.544 ng

RT: 13.210 min Scan# 1705

Delta R.T. -0.006 min

Lab File: BP013670.D

Acq: 31 Jan 2023 11:55

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:196 Resp: 55406

Ion Ratio Lower Upper

196 100

198 94.7 77.5 116.3

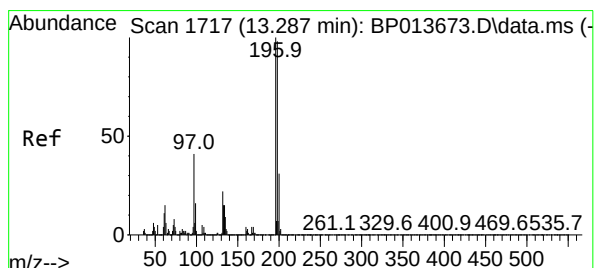
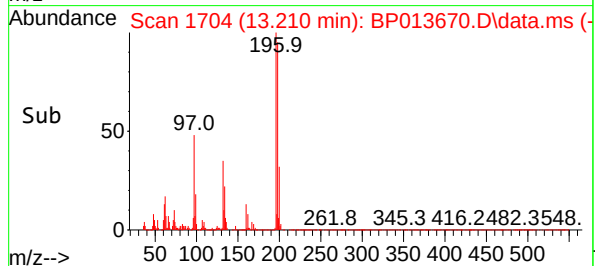
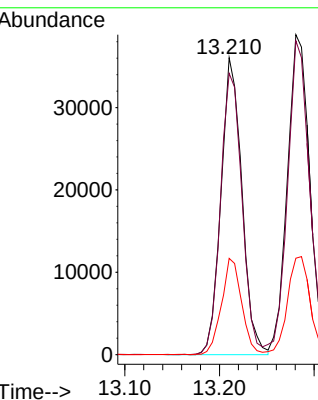
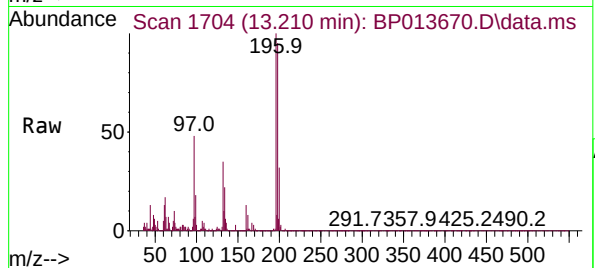
200 32.4 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#44

2,4,5-Trichlorophenol

Concen: 4.562 ng

RT: 13.281 min Scan# 1716

Delta R.T. -0.006 min

Lab File: BP013670.D

Acq: 31 Jan 2023 11:55

Tgt Ion:196 Resp: 65138

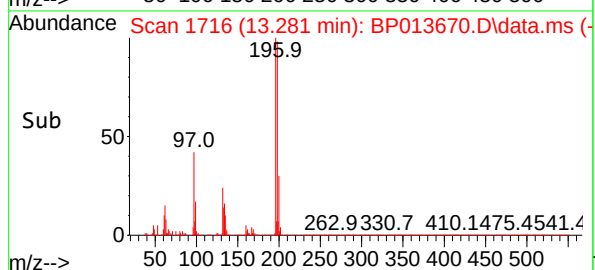
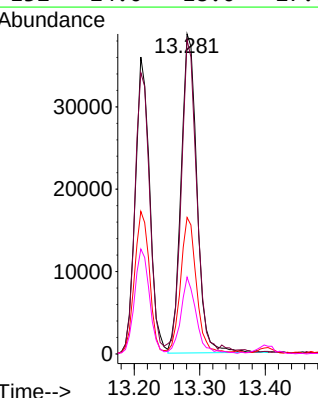
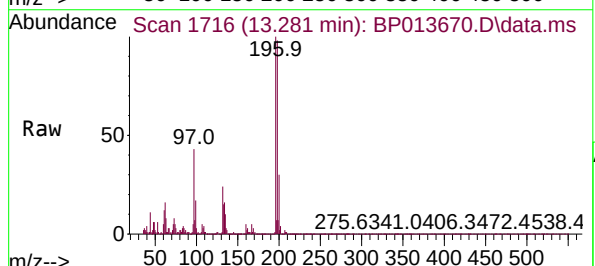
Ion Ratio Lower Upper

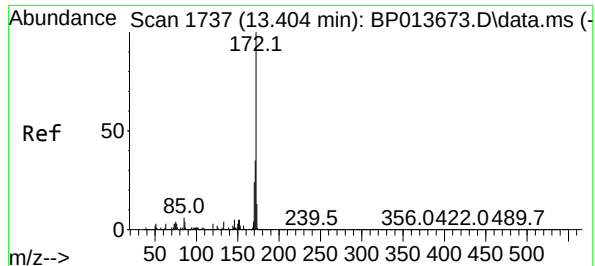
196 100

198 98.1 78.2 117.2

97 42.7 33.2 49.8

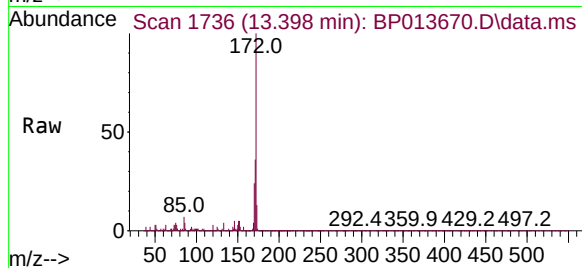
132 24.0 18.0 27.0





#45
2-Fluorobiphenyl
Concen: 10.306 ng
RT: 13.398 min Scan# 1736
Delta R.T. -0.006 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

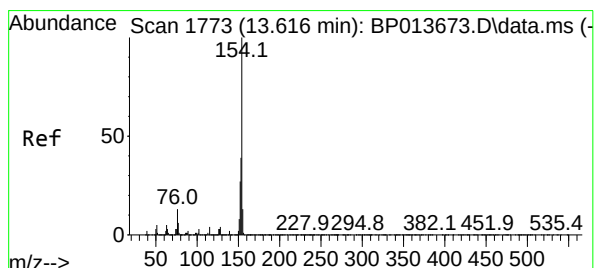
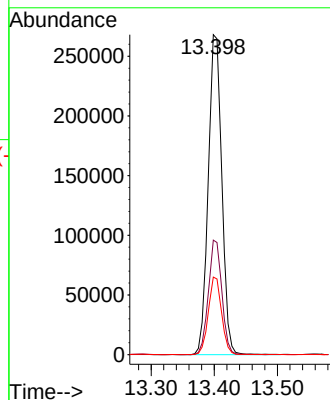
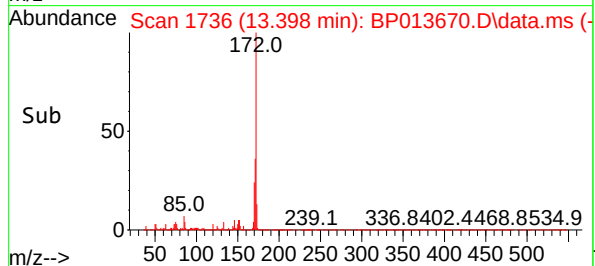
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



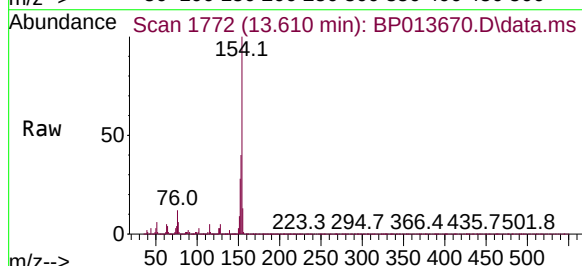
Tgt Ion:172 Resp: 399511
Ion Ratio Lower Upper
172 100
171 35.8 28.2 42.2
170 24.2 19.0 28.4

Manual Integrations
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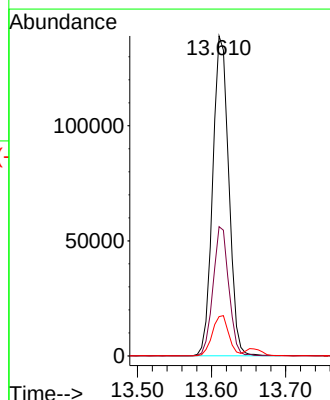
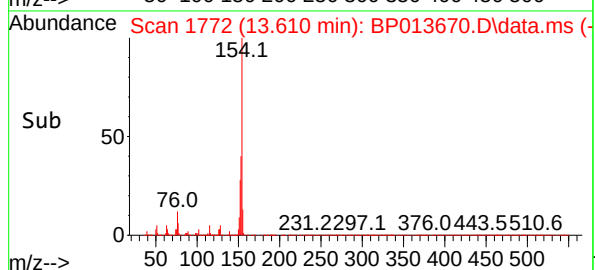
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

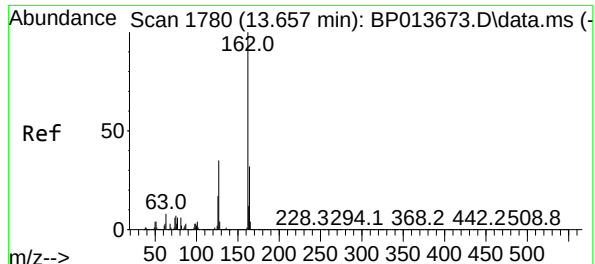


#46
1,1'-Biphenyl
Concen: 5.103 ng
RT: 13.610 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55



Tgt Ion:154 Resp: 209452
Ion Ratio Lower Upper
154 100
153 40.4 19.3 59.3
76 12.3 0.0 33.1





#47

2-Chloronaphthalene

Concen: 5.047 ng

RT: 13.657 min Scan# 1780

Delta R.T. 0.000 min

Lab File: BP013670.D

Acq: 31 Jan 2023 11:55

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:162 Resp: 16013

Ion Ratio Lower Upper

162 100

127 35.5 28.3 42.5

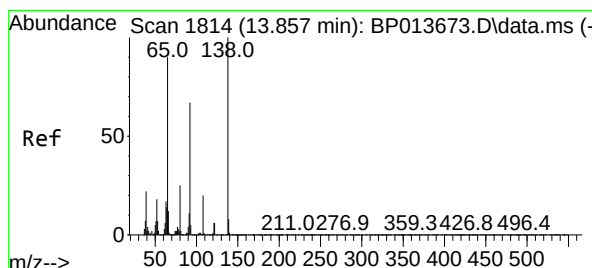
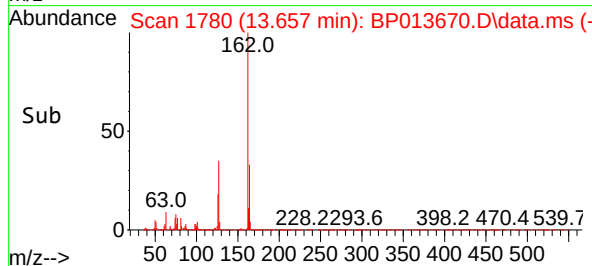
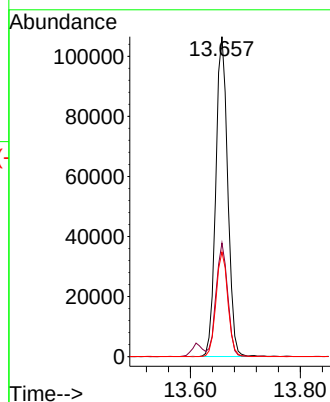
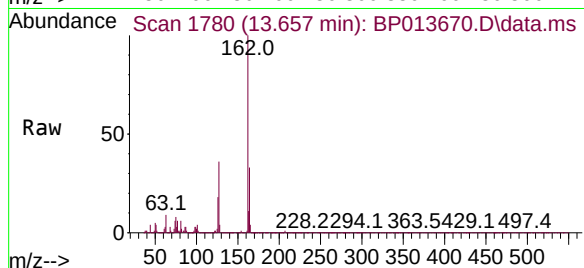
164 32.7 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#48

2-Nitroaniline

Concen: 3.283 ng

RT: 13.857 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BP013670.D

Acq: 31 Jan 2023 11:55

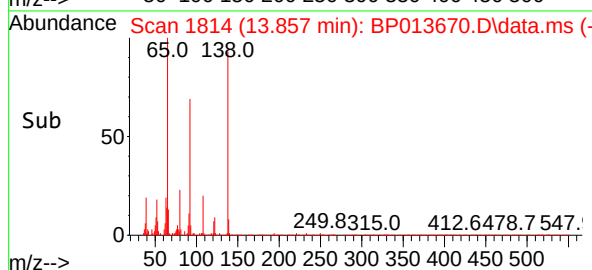
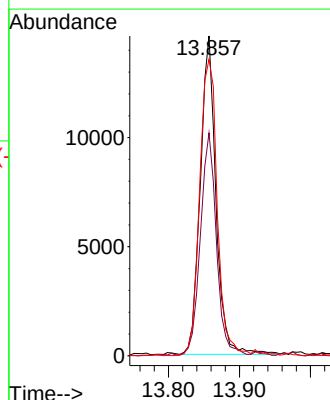
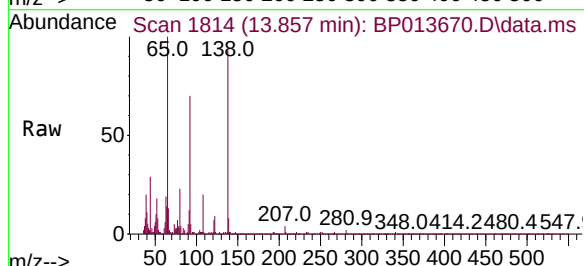
Tgt Ion: 65 Resp: 22261

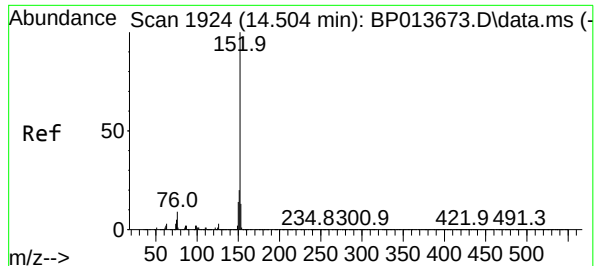
Ion Ratio Lower Upper

65 100

92 69.7 59.4 89.0

138 92.7 88.6 133.0





#49

Acenaphthylene

Concen: 5.014 ng

RT: 14.498 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BP013670.D

Acq: 31 Jan 2023 11:55

Instrument :

BNA_P

ClientSampleId :

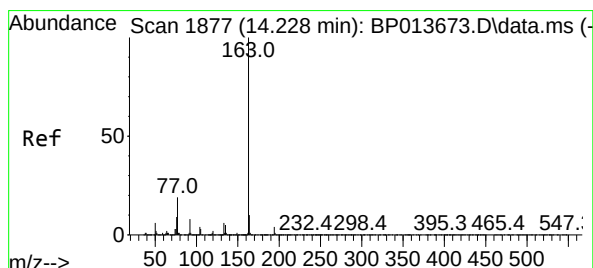
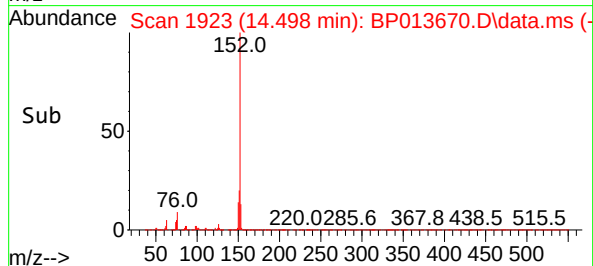
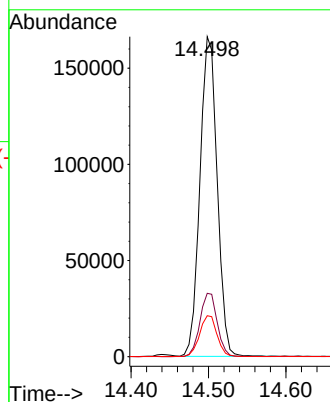
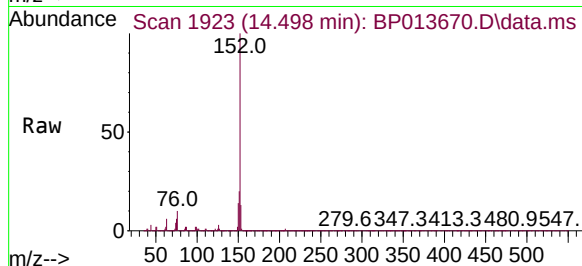
SSTDICC005

Tgt Ion:	152	Resp:	256574
Ion Ratio	Lower	Upper	
152	100		
151	19.8	15.8	23.6
153	12.8	10.4	15.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#50

Dimethylphthalate

Concen: 5.037 ng

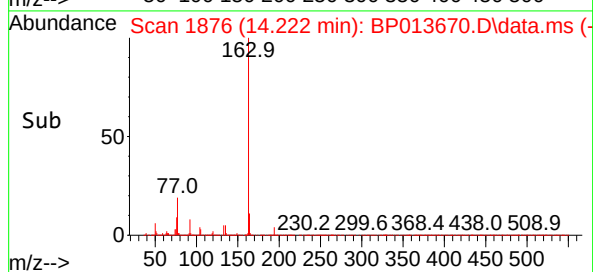
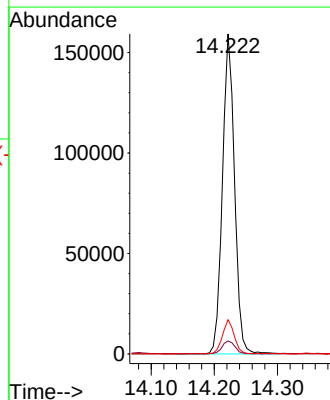
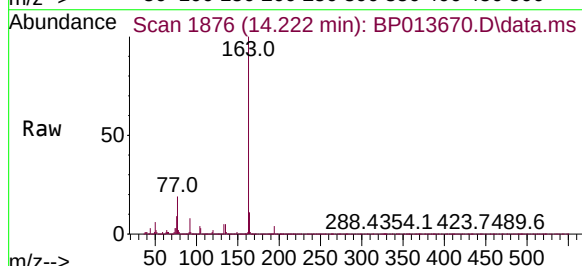
RT: 14.222 min Scan# 1876

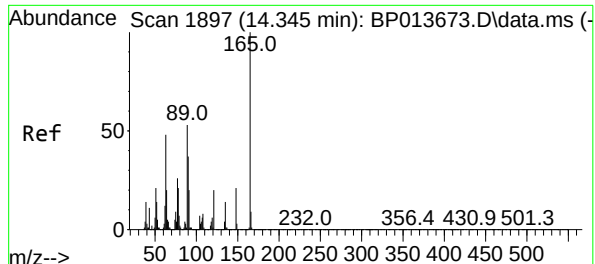
Delta R.T. -0.006 min

Lab File: BP013670.D

Acq: 31 Jan 2023 11:55

Tgt Ion:	163	Resp:	211344
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.5	5.3
164	10.7	8.4	12.6





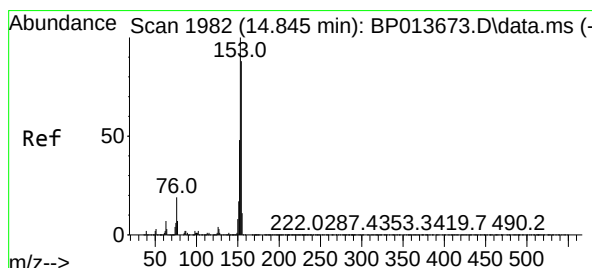
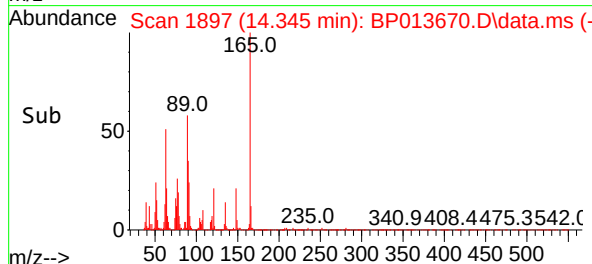
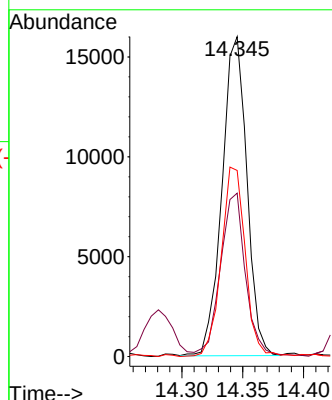
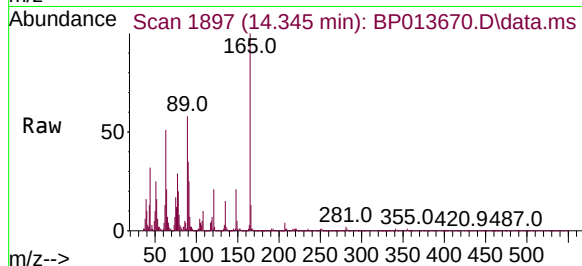
#51
2,6-Dinitrotoluene
Concen: 3.021 ng
RT: 14.345 min Scan# 1897
Delta R.T. 0.000 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:165 Resp: 2265
Ion Ratio Lower Upper
165 100
63 51.1 39.8 59.6
89 58.2 42.4 63.6

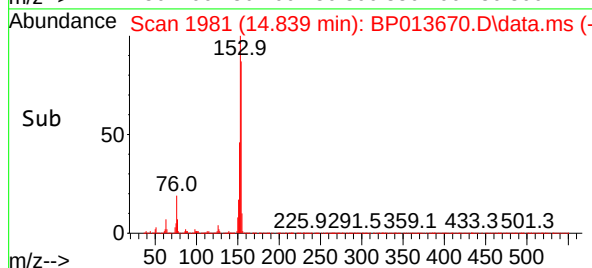
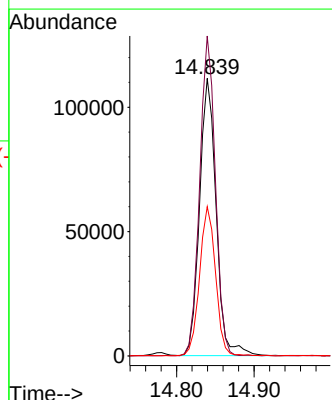
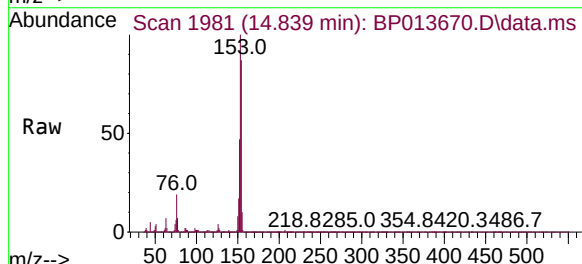
Manual Integrations
APPROVED

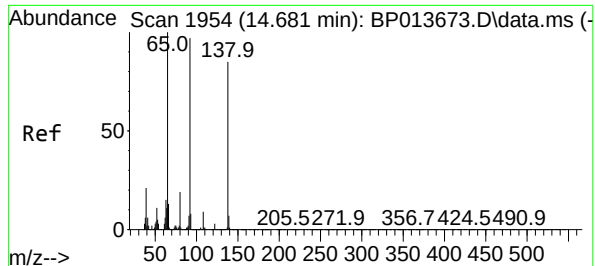
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#52
Acenaphthene
Concen: 5.204 ng
RT: 14.839 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

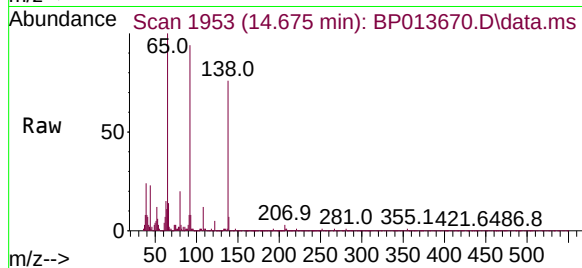
Tgt Ion:154 Resp: 166087
Ion Ratio Lower Upper
154 100
153 115.3 90.6 135.8
152 53.8 43.4 65.0





#53
3-Nitroaniline
Concen: 3.391 ng
RT: 14.675 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

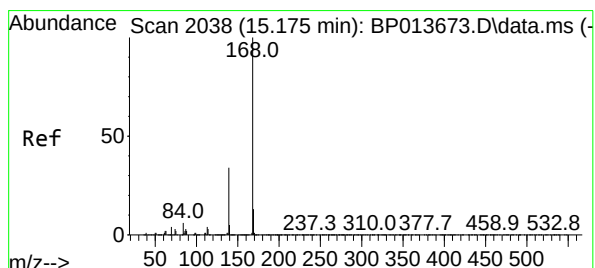
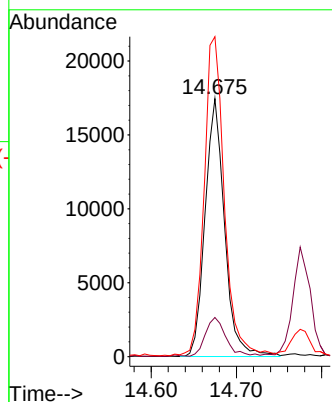
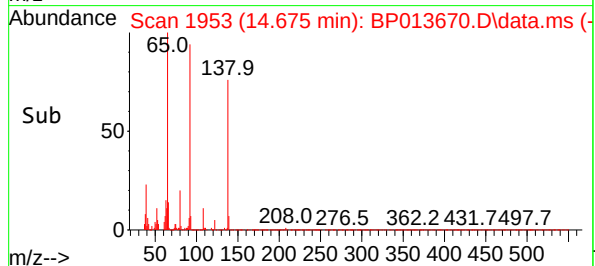
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:138 Resp: 27731
Ion Ratio Lower Upper
138 100
108 15.1 8.5 12.7
92 124.0 91.5 137.3

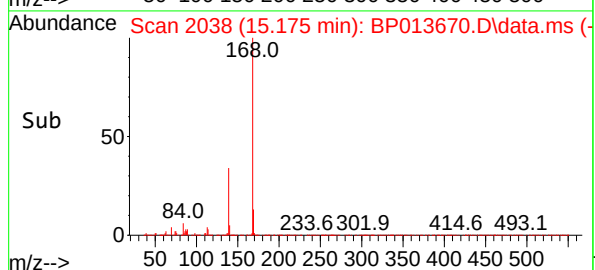
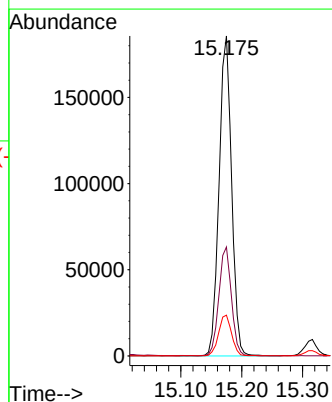
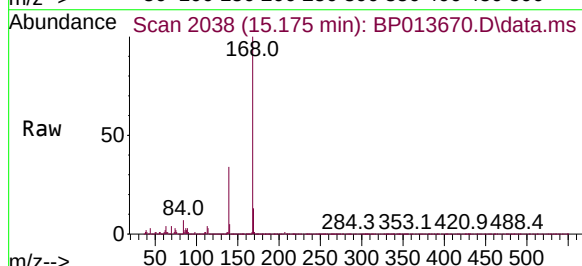
Manual Integrations
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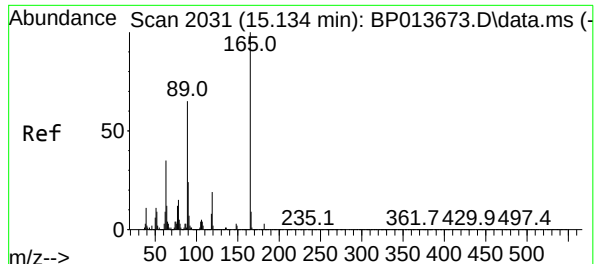
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#55
Dibenzofuran
Concen: 5.152 ng
RT: 15.175 min Scan# 2038
Delta R.T. 0.000 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

Tgt Ion:168 Resp: 265605
Ion Ratio Lower Upper
168 100
139 34.0 27.4 41.2
169 12.7 10.7 16.1





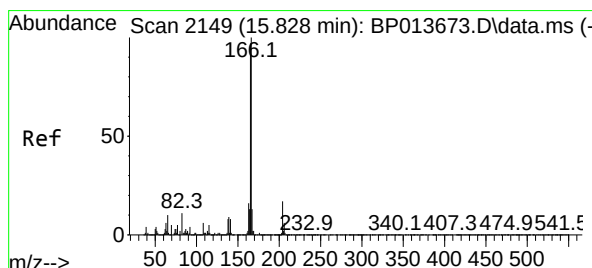
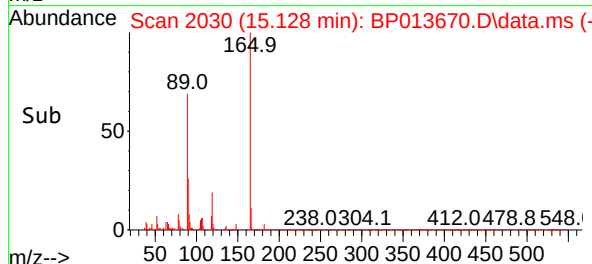
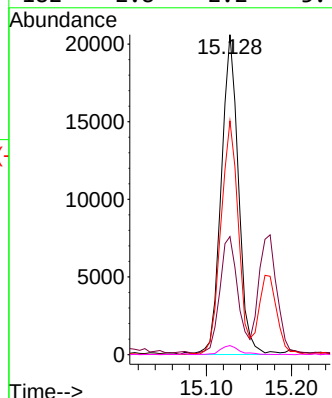
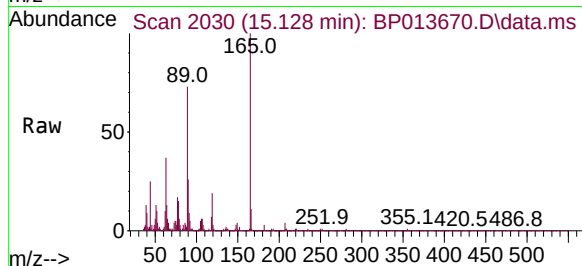
#57
2,4-Dinitrotoluene
Concen: 2.947 ng
RT: 15.128 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:165 Resp: 28996
Ion Ratio Lower Upper
165 100
63 36.9 28.1 42.1
89 73.0 52.0 78.0
182 2.8 2.2 3.4

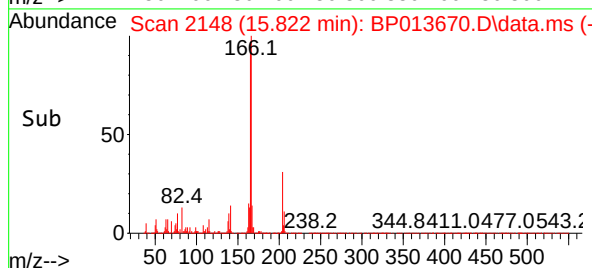
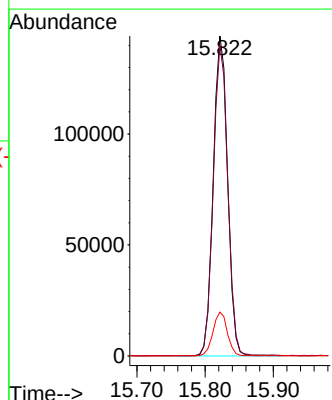
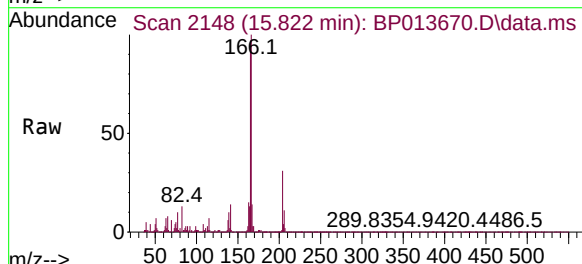
Manual Integrations
APPROVED

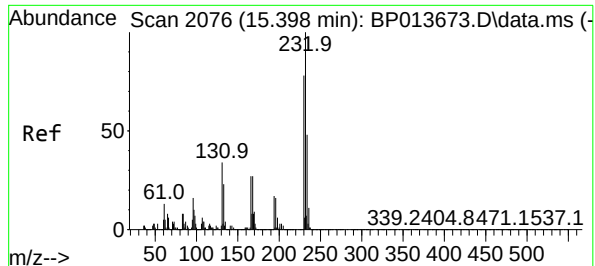
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#58
Fluorene
Concen: 5.191 ng
RT: 15.822 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

Tgt Ion:166 Resp: 210106
Ion Ratio Lower Upper
166 100
165 97.2 77.6 116.4
167 13.7 10.6 15.8





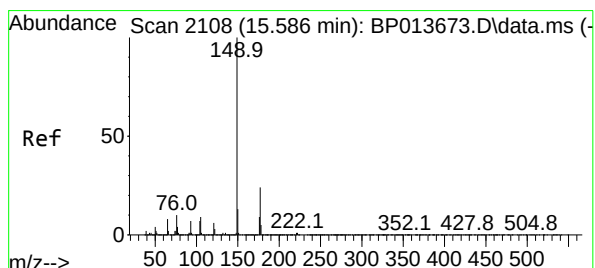
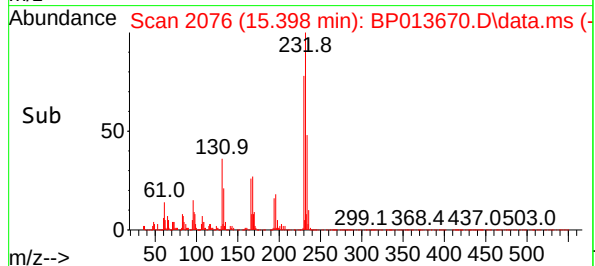
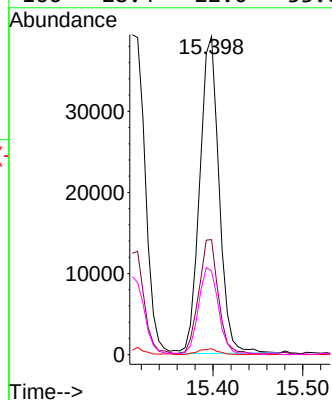
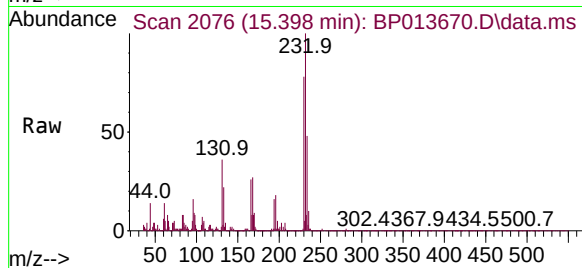
#59
2,3,4,6-Tetrachlorophenol
Concen: 4.697 ng
RT: 15.398 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:232 Resp: 58314
Ion Ratio Lower Upper
232 100
131 36.7 27.9 41.9
130 1.9 1.4 2.0
166 28.4 22.0 33.0

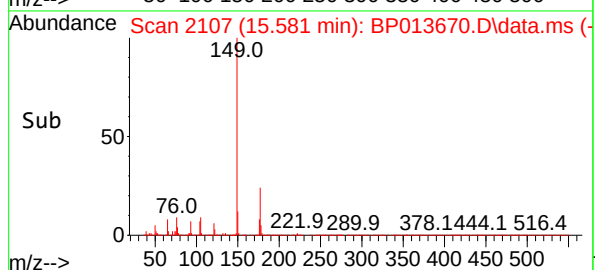
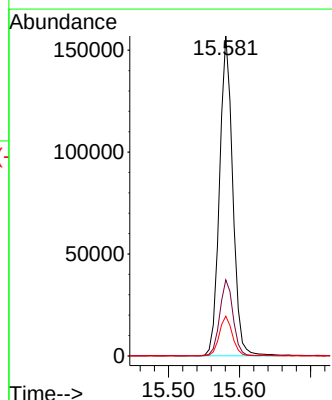
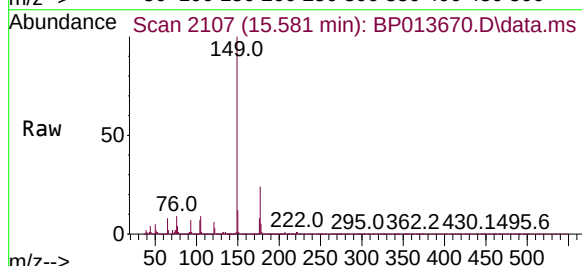
Manual Integrations
APPROVED

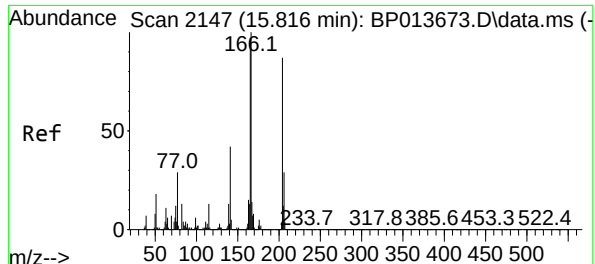
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#60
Diethylphthalate
Concen: 5.055 ng
RT: 15.581 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

Tgt Ion:149 Resp: 203304
Ion Ratio Lower Upper
149 100
177 23.8 19.2 28.8
150 12.4 10.1 15.1





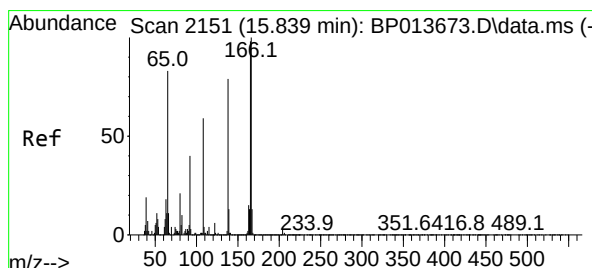
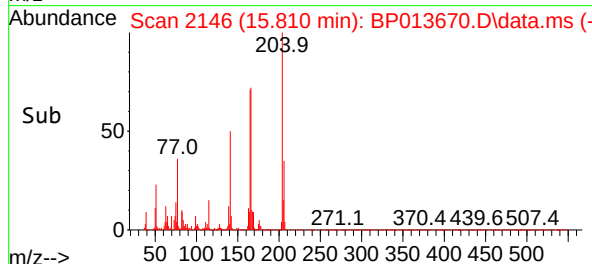
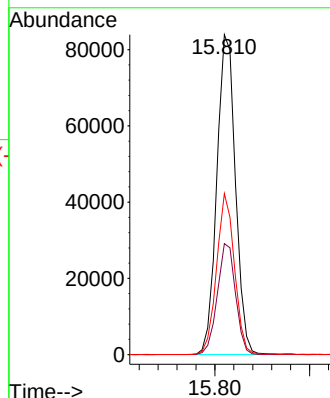
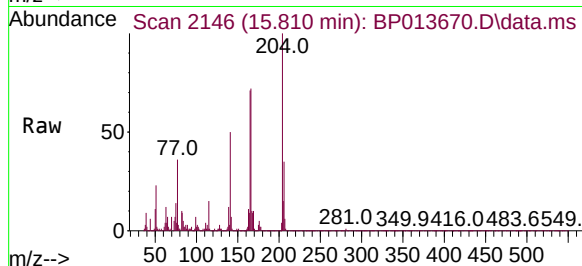
#61
4-Chlorophenyl-phenylether
Concen: 5.195 ng
RT: 15.810 min Scan# 2147
Delta R.T. -0.006 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:204 Resp: 114498
Ion Ratio Lower Upper
204 100
206 34.7 26.6 40.0
141 50.3 38.1 57.1

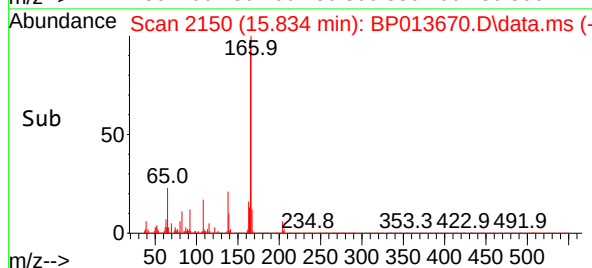
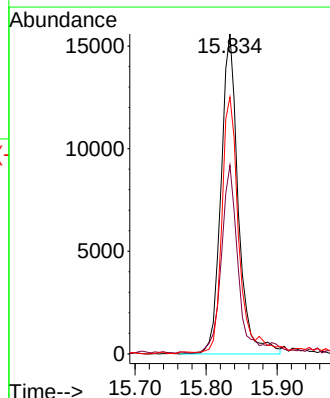
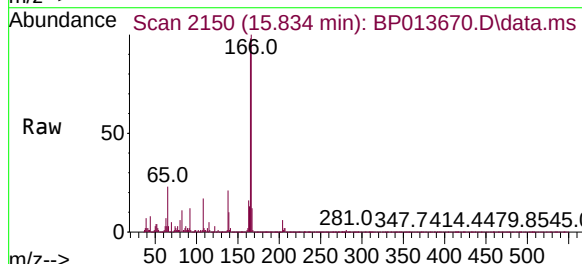
Manual Integrations
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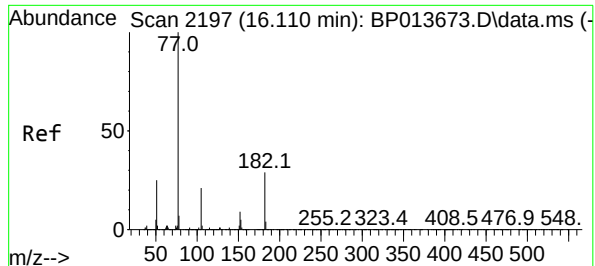
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#62
4-Nitroaniline
Concen: 3.255 ng
RT: 15.834 min Scan# 2150
Delta R.T. -0.005 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

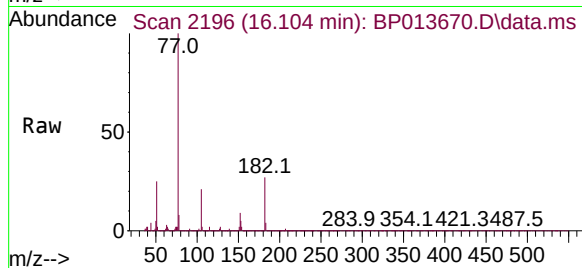
Tgt Ion:138 Resp: 26433
Ion Ratio Lower Upper
138 100
92 58.9 30.3 70.3
108 80.3 55.4 95.4





#63
Azobenzene
Concen: 4.904 ng
RT: 16.104 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

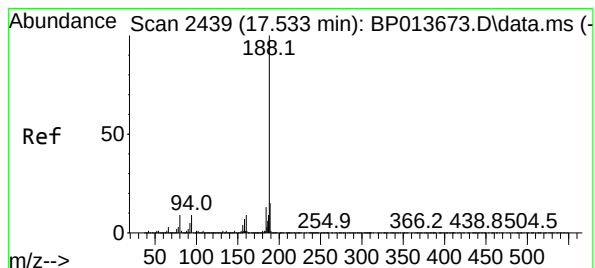
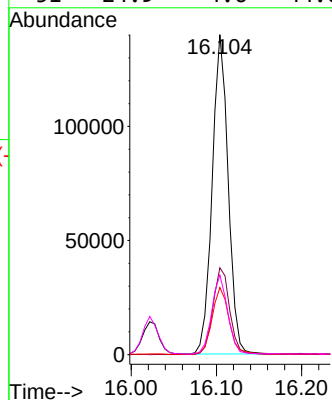
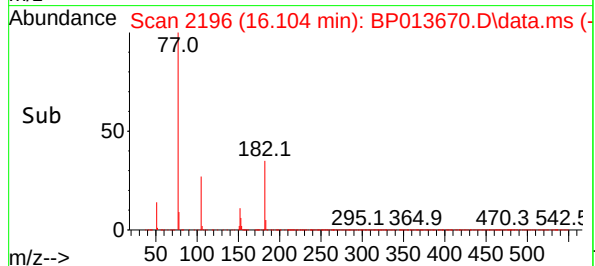
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 77 Resp: 182224
Ion Ratio Lower Upper
77 100
182 27.1 9.3 49.3
105 21.0 1.1 41.1
51 24.9 4.6 44.6

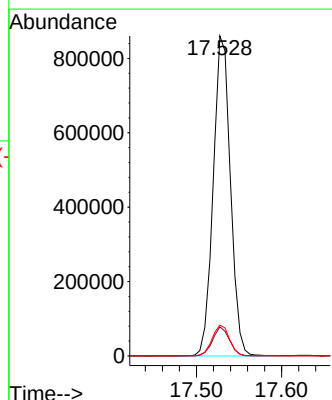
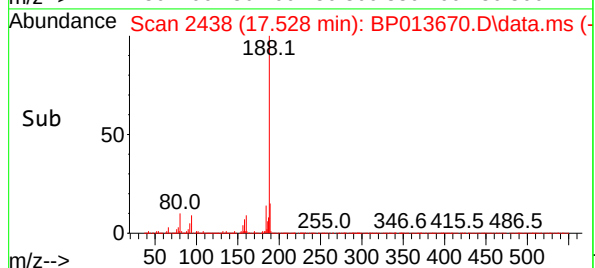
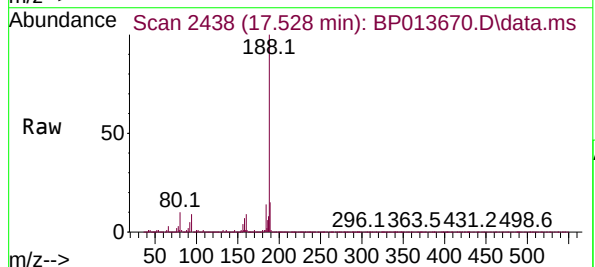
Manual Integrations
APPROVED

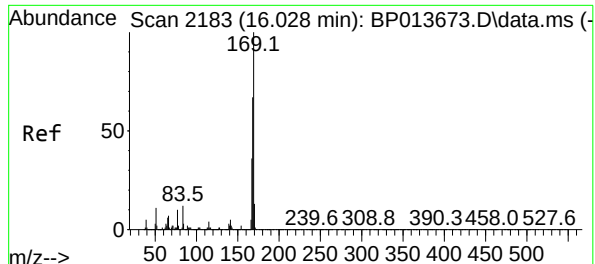
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.528 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

Tgt Ion:188 Resp: 1205705
Ion Ratio Lower Upper
188 100
94 9.1 6.9 10.3
80 9.7 7.4 11.0





#66
n-Nitrosodiphenylamine
Concen: 5.134 ng
RT: 16.022 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

Instrument :

BNA_P

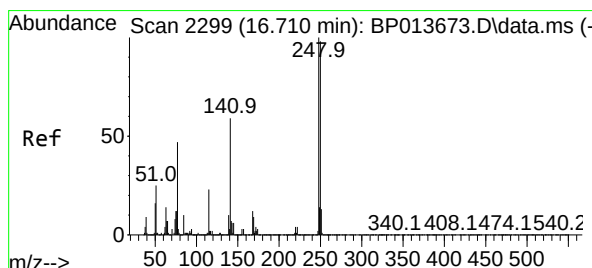
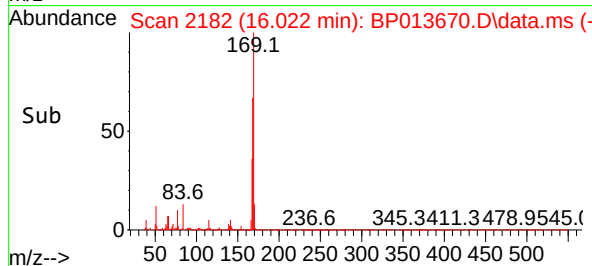
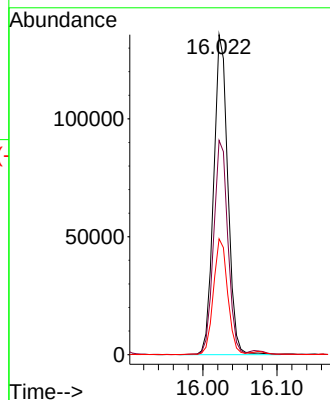
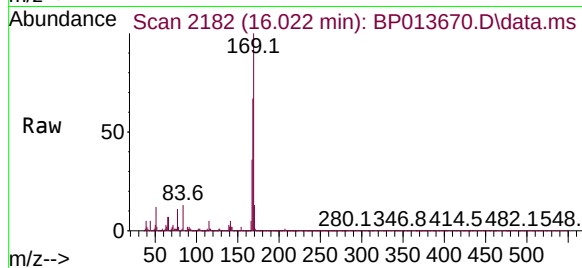
ClientSampleId :

SSTDICC005

Tgt Ion:169 Resp: 180099
Ion Ratio Lower Upper
169 100
168 66.9 53.8 80.6
167 36.2 28.9 43.3

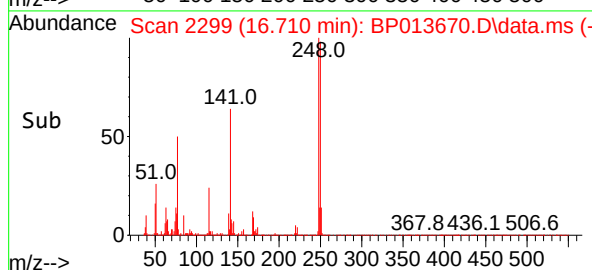
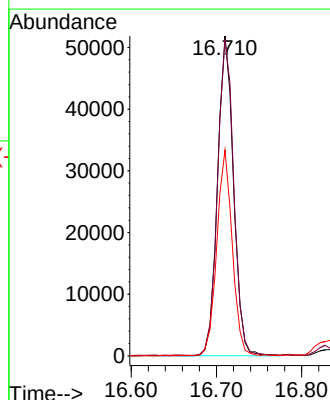
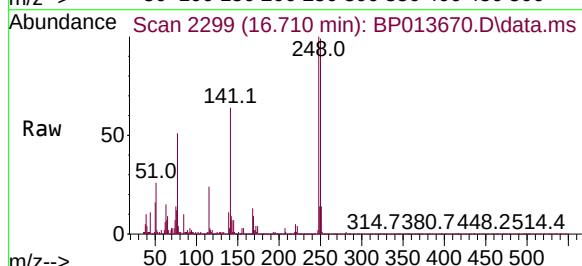
Manual Integrations
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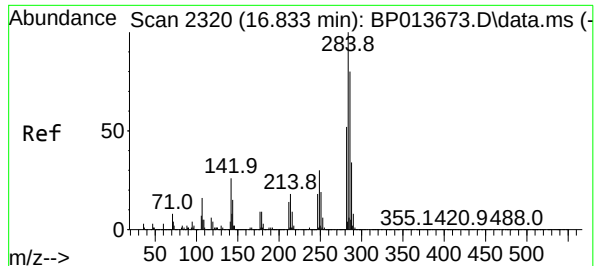
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#67
4-Bromophenyl-phenylether
Concen: 4.883 ng
RT: 16.710 min Scan# 2299
Delta R.T. 0.000 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

Tgt Ion:248 Resp: 67487
Ion Ratio Lower Upper
248 100
250 98.9 78.2 117.2
141 64.3 46.8 70.2





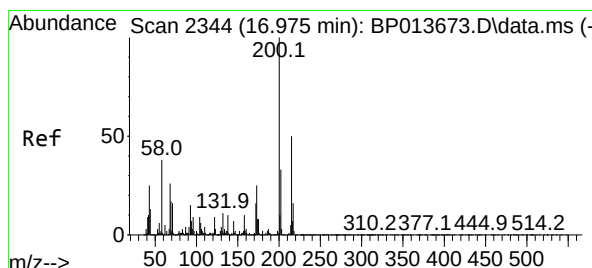
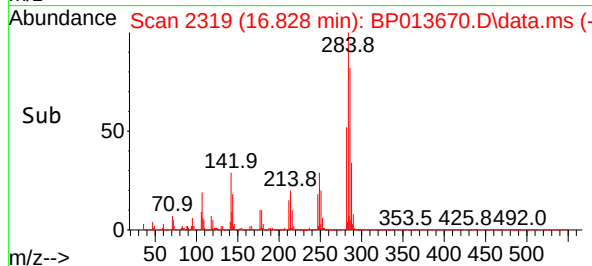
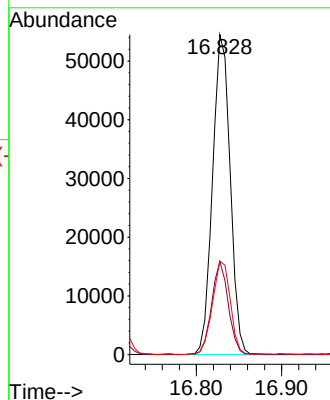
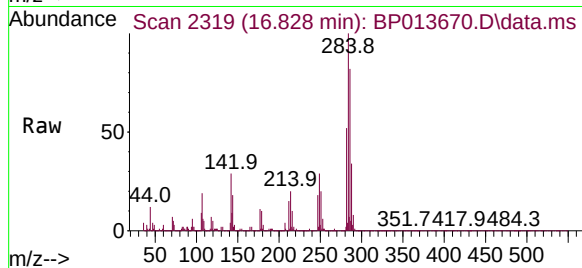
#68
Hexachlorobenzene
Concen: 5.111 ng
RT: 16.828 min Scan# 2319
Delta R.T. -0.005 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:284 Resp: 7821
Ion Ratio Lower Upper
284 100
142 29.1 20.6 31.0
249 29.2 23.9 35.9

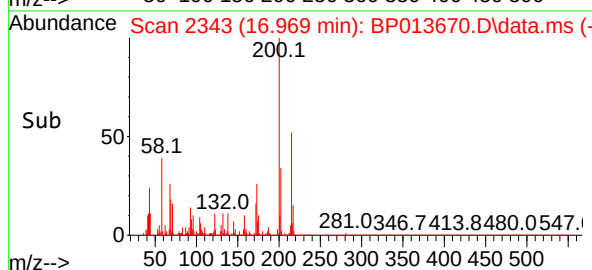
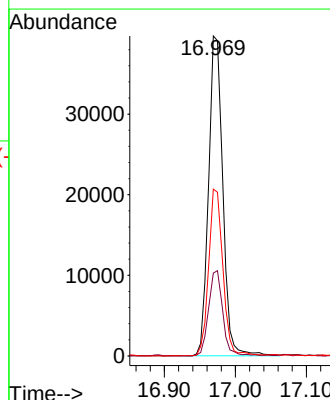
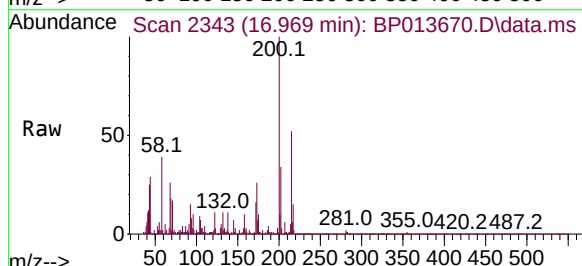
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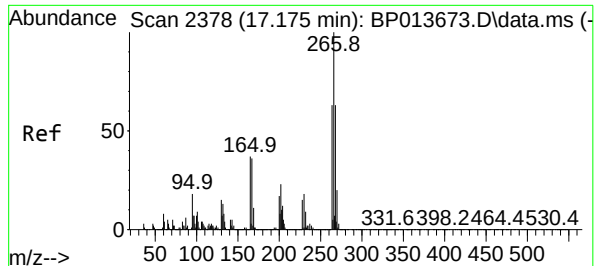
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#69
Atrazine
Concen: 4.846 ng
RT: 16.969 min Scan# 2343
Delta R.T. -0.006 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

Tgt Ion:200 Resp: 55318
Ion Ratio Lower Upper
200 100
173 25.9 5.2 45.2
215 52.1 29.8 69.8





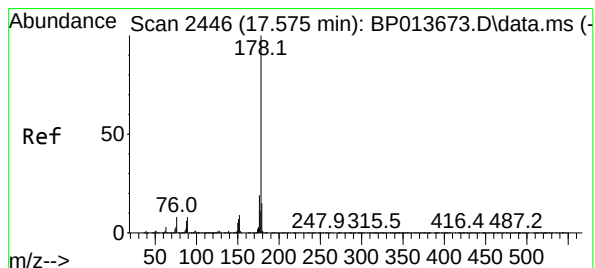
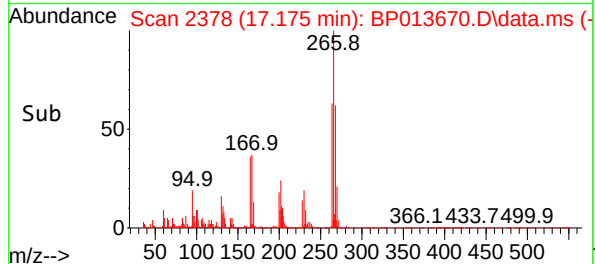
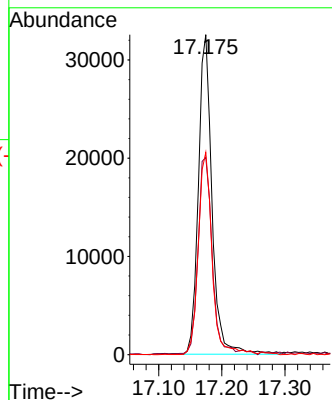
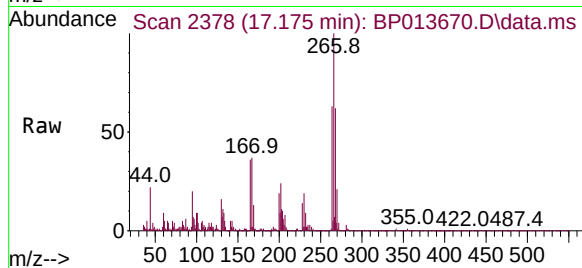
#70
Pentachlorophenol
Concen: 4.320 ng
RT: 17.175 min Scan# 2378
Delta R.T. -0.000 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:266 Resp: 48770
Ion Ratio Lower Upper
266 100
268 61.6 50.7 76.1
264 63.2 50.5 75.7

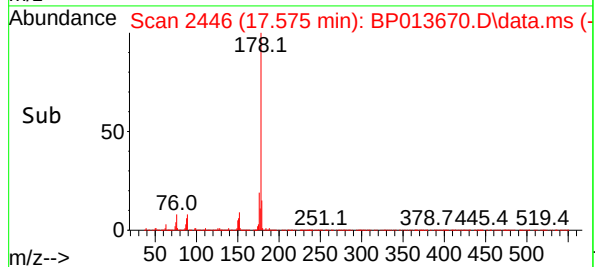
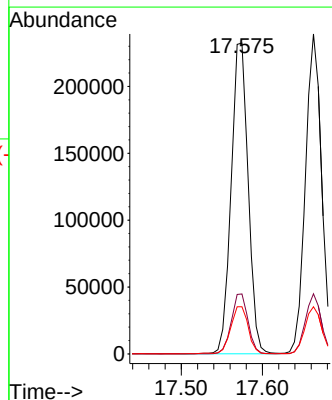
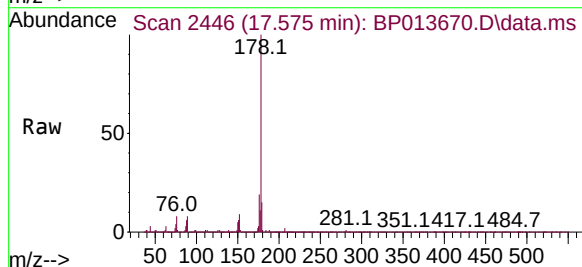
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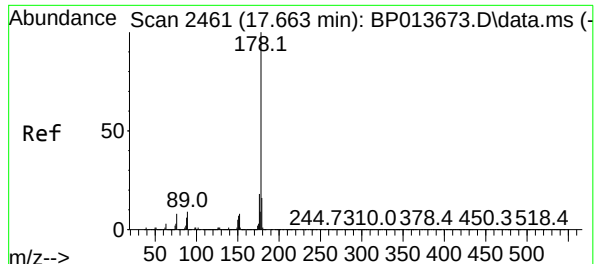
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#71
Phenanthrene
Concen: 5.248 ng
RT: 17.575 min Scan# 2446
Delta R.T. 0.000 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

Tgt Ion:178 Resp: 339181
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.2 12.2 18.2





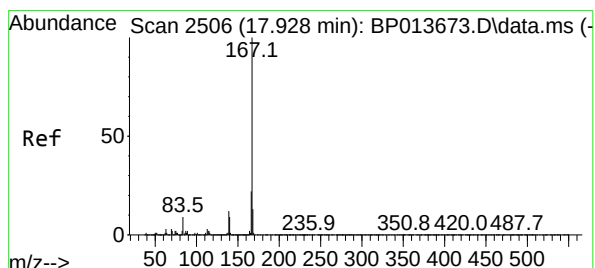
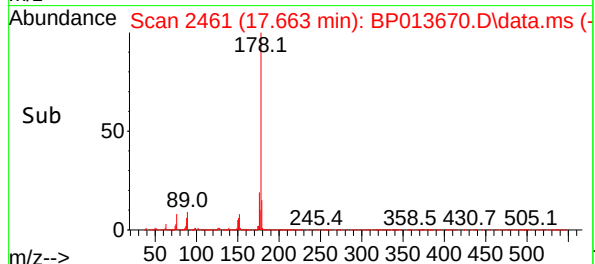
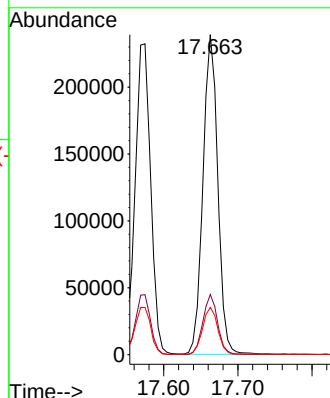
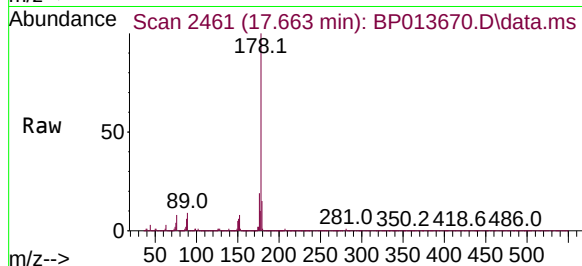
#72
 Anthracene
 Concen: 5.090 ng
 RT: 17.663 min Scan# 2461
 Delta R.T. 0.000 min
 Lab File: BP013670.D
 Acq: 31 Jan 2023 11:55

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005

Tgt Ion:178 Resp: 332123
 Ion Ratio Lower Upper
 178 100
 176 18.8 14.7 22.1
 179 14.7 12.4 18.6

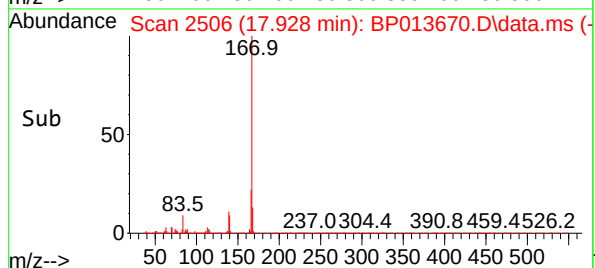
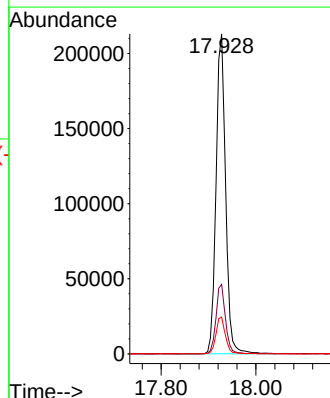
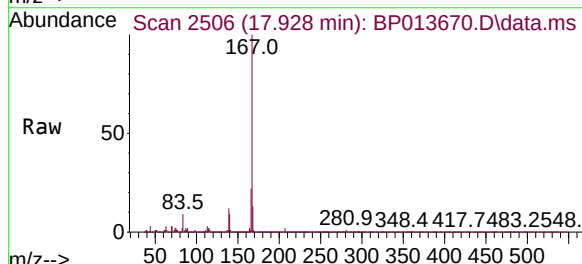
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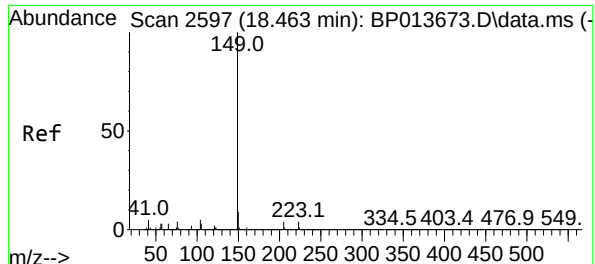
Reviewed By :Christian Giraldo 02/01/2023
 Supervised By :Jagrut Upadhyay 02/01/2023



#73
 Carbazole
 Concen: 5.039 ng
 RT: 17.928 min Scan# 2506
 Delta R.T. 0.000 min
 Lab File: BP013670.D
 Acq: 31 Jan 2023 11:55

Tgt Ion:167 Resp: 298527
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 11.5 9.5 14.3





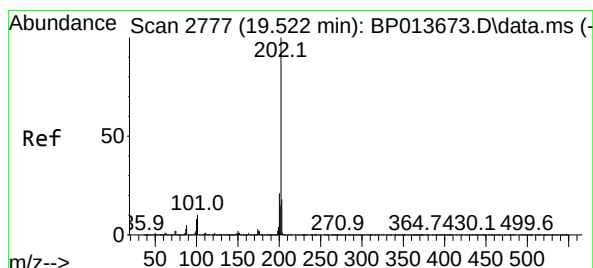
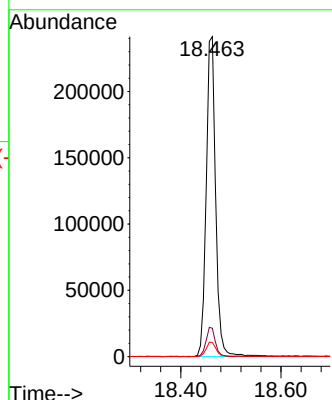
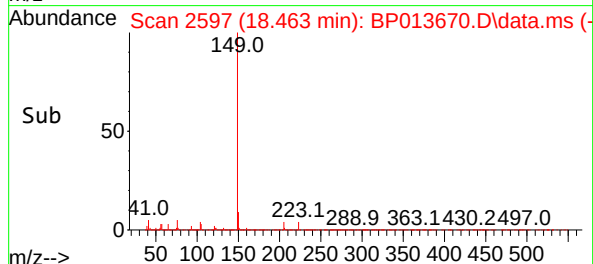
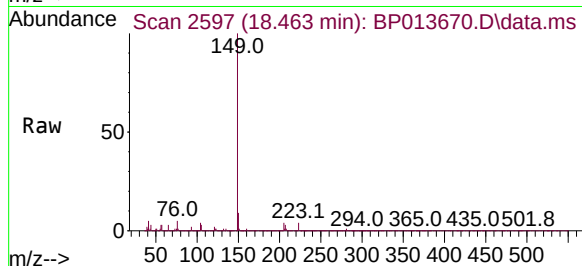
#74
Di-n-butylphthalate
Concen: 4.852 ng
RT: 18.463 min Scan# 2597
Delta R.T. 0.000 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 314543
Ion Ratio Lower Upper
149 100
150 8.9 7.4 11.0
104 4.4 3.8 5.6

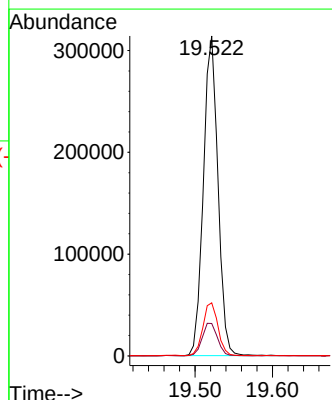
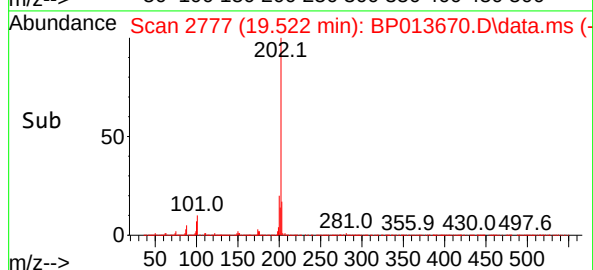
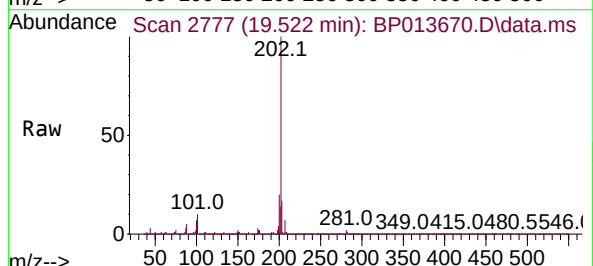
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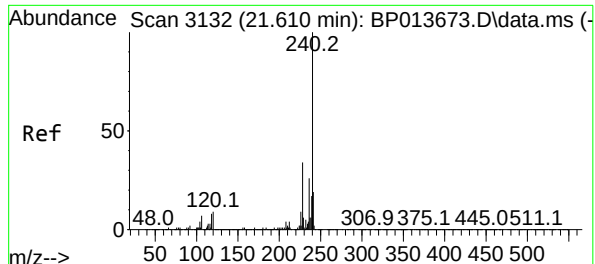
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#75
Fluoranthene
Concen: 5.087 ng
RT: 19.522 min Scan# 2777
Delta R.T. 0.000 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

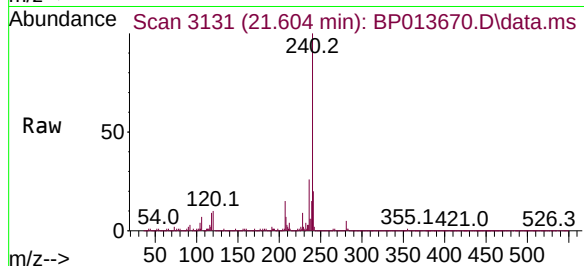
Tgt Ion:202 Resp: 409271
Ion Ratio Lower Upper
202 100
101 10.1 0.0 30.2
203 16.6 0.0 37.9





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.604 min Scan# 3132
Delta R.T. -0.006 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

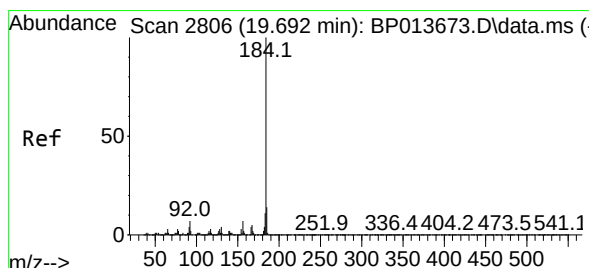
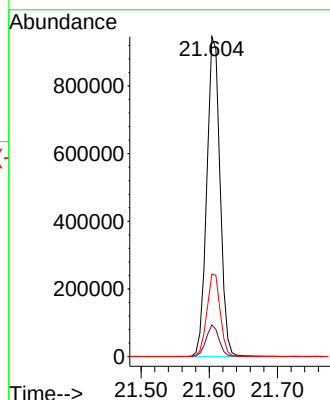
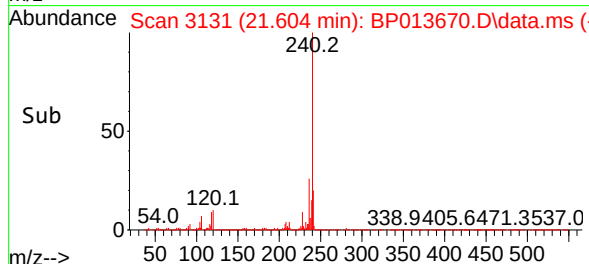
Instrument :
BNA_P
Client Sample Id :
SSTDICC005



Tgt Ion: 240 Resp: 1277234
Ion Ratio Lower Upper
240 100
120 9.9 7.4 11.0
236 25.8 20.6 30.8

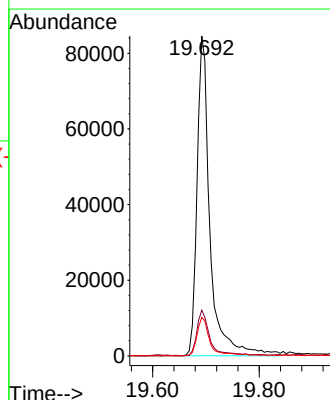
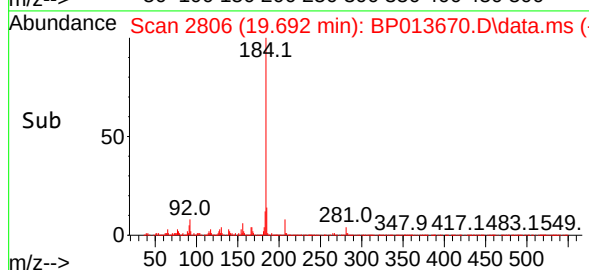
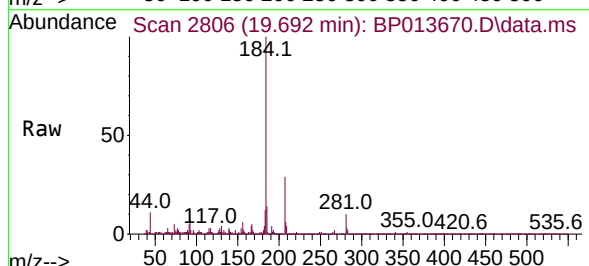
Manual Integrations
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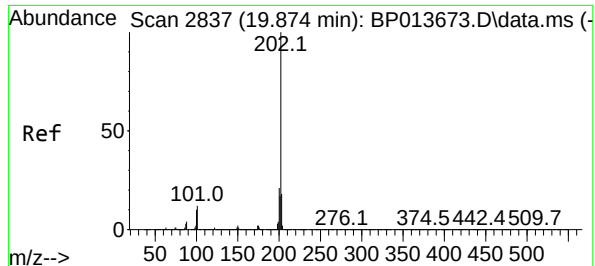
Reviewed By : Christian Giraldo 02/01/2023
Supervised By : Jagrut Upadhyay 02/01/2023



#77
Benzidine
Concen: 5.165 ng
RT: 19.692 min Scan# 2806
Delta R.T. 0.000 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

Tgt Ion: 184 Resp: 142498
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.2
183 12.0 9.2 13.8





#78

Pyrene

Concen: 5.059 ng

RT: 19.874 min Scan# 2837

Delta R.T. 0.000 min

Lab File: BP013670.D

Acq: 31 Jan 2023 11:55

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:202 Resp: 434700

Ion Ratio Lower Upper

202 100

200 21.6 16.9 25.3

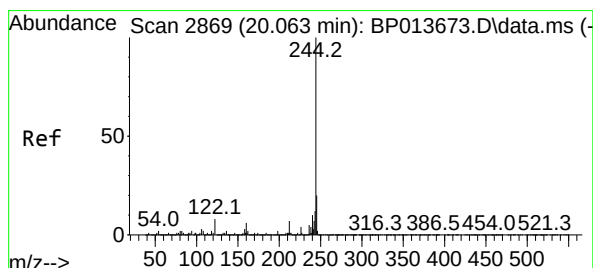
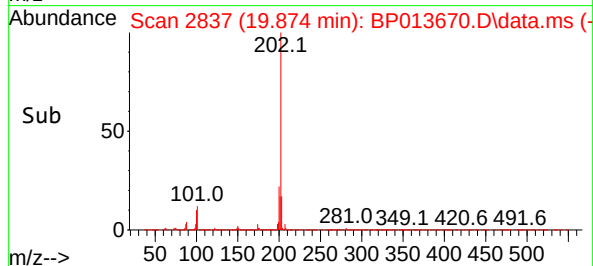
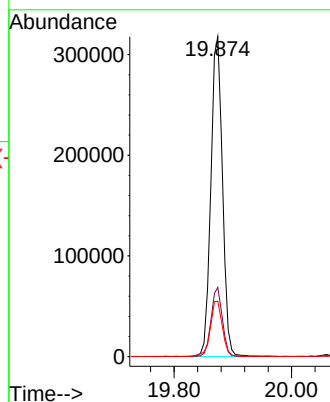
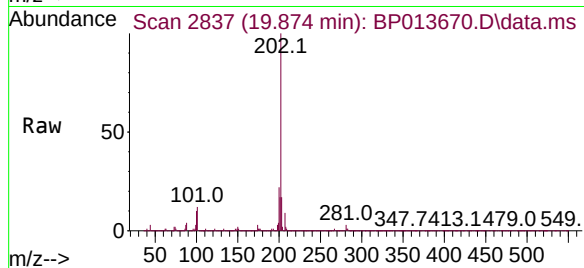
203 17.3 14.0 21.0

Manual Integrations

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Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#79

Terphenyl-d14

Concen: 10.427 ng

RT: 20.057 min Scan# 2868

Delta R.T. -0.006 min

Lab File: BP013670.D

Acq: 31 Jan 2023 11:55

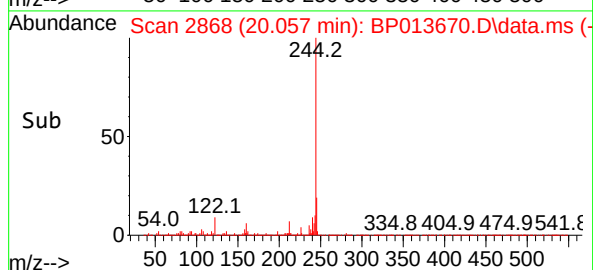
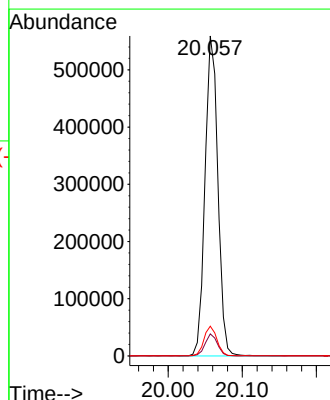
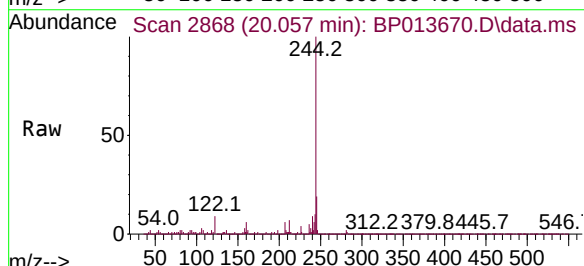
Tgt Ion:244 Resp: 670677

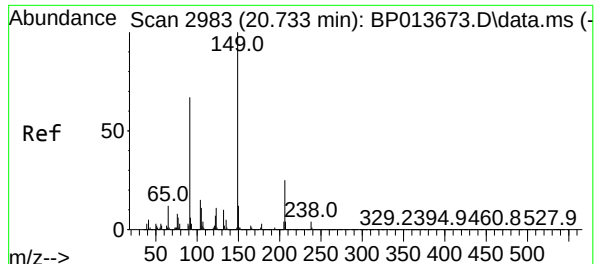
Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 9.3 6.5 9.7





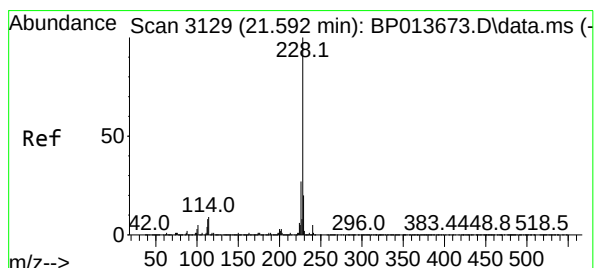
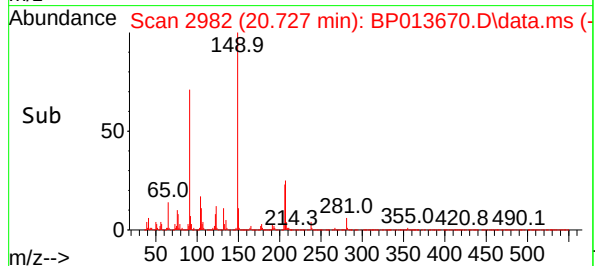
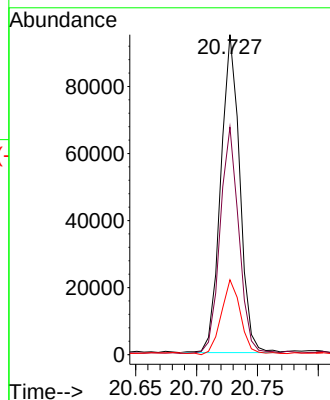
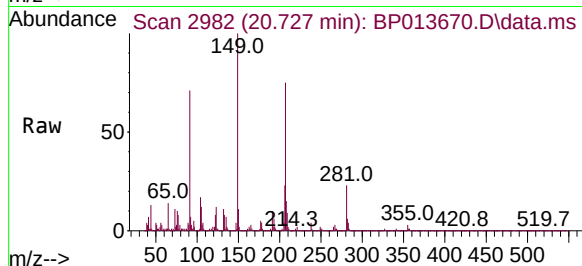
#80
Butylbenzylphthalate
Concen: 4.375 ng
RT: 20.727 min Scan# 2983
Delta R.T. -0.006 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 102627
Ion Ratio Lower Upper
149 100
91 71.1 54.0 81.0
206 23.4 19.8 29.8

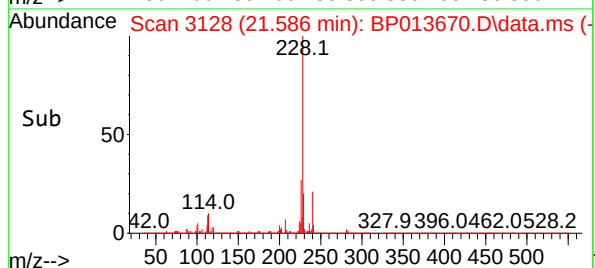
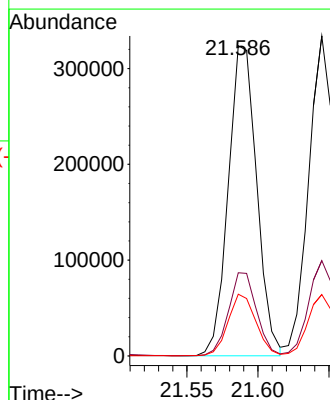
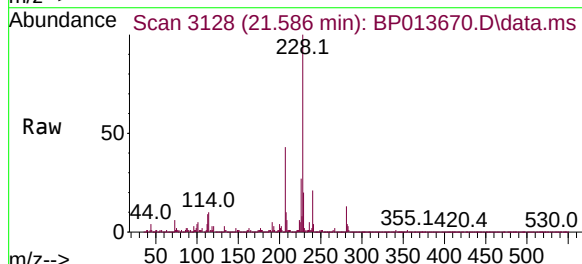
Manual Integrations
APPROVED

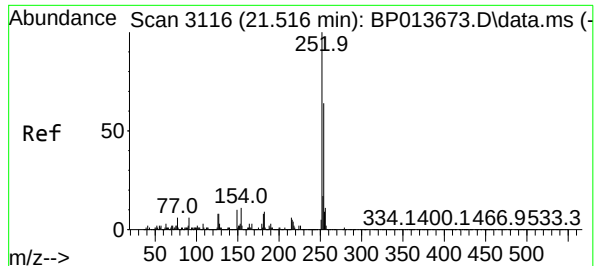
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#81
Benzo(a)anthracene
Concen: 5.089 ng
RT: 21.586 min Scan# 3128
Delta R.T. -0.006 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

Tgt Ion:228 Resp: 451451
Ion Ratio Lower Upper
228 100
226 26.8 21.9 32.9
229 19.9 16.0 24.0





#82

3,3'-Dichlorobenzidine

Concen: 4.536 ng

RT: 21.510 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BP013670.D

Acq: 31 Jan 2023 11:55

Instrument :

BNA_P

ClientSampleId :

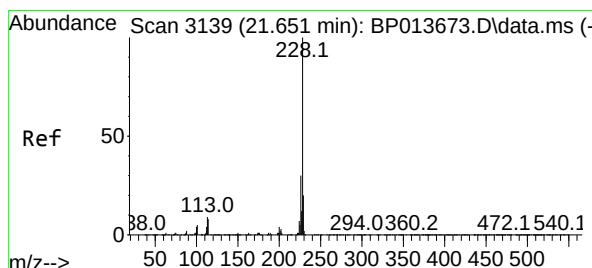
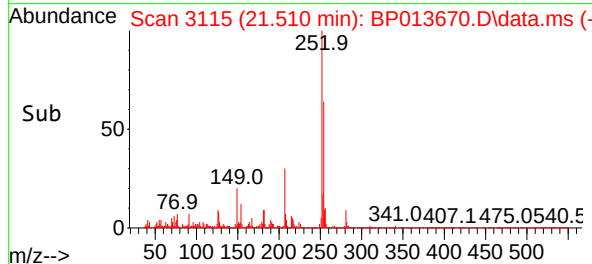
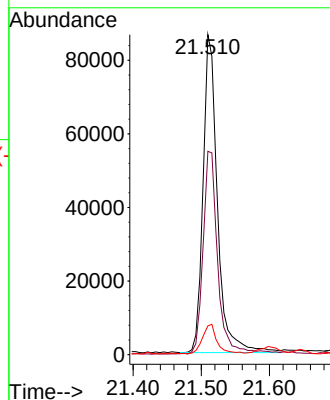
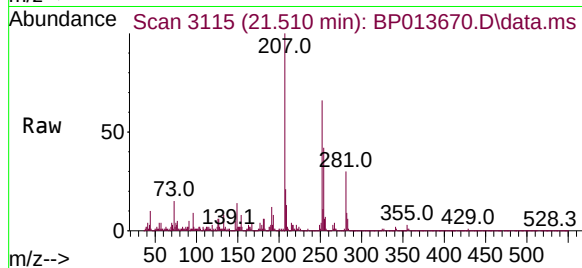
SSTDICC005

Tgt Ion:252 Resp: 127234
Ion Ratio Lower Upper
252 100
254 63.6 50.9 76.3
126 9.0 6.7 10.1

Manual Integrations

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Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#83

Chrysene

Concen: 5.175 ng

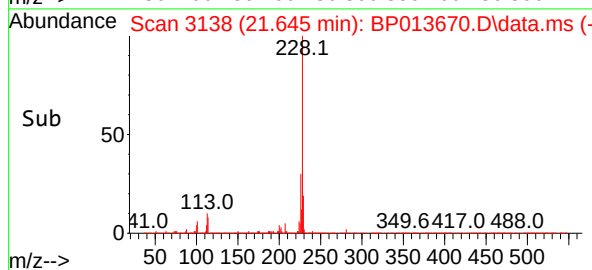
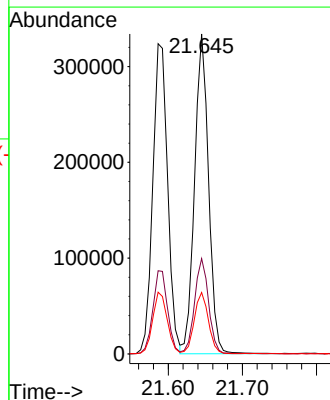
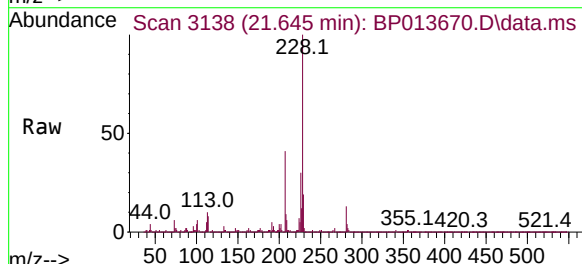
RT: 21.645 min Scan# 3138

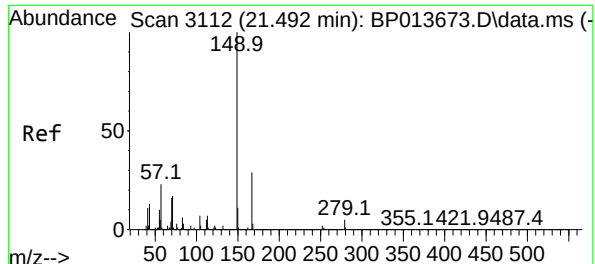
Delta R.T. -0.006 min

Lab File: BP013670.D

Acq: 31 Jan 2023 11:55

Tgt Ion:228 Resp: 437426
Ion Ratio Lower Upper
228 100
226 29.8 24.1 36.1
229 19.2 15.8 23.8





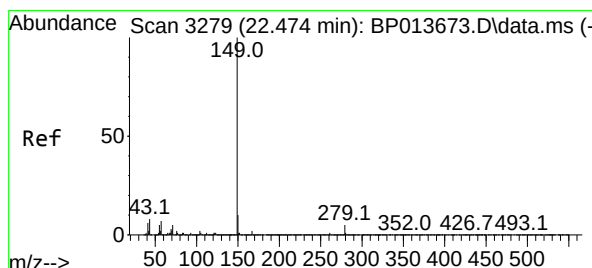
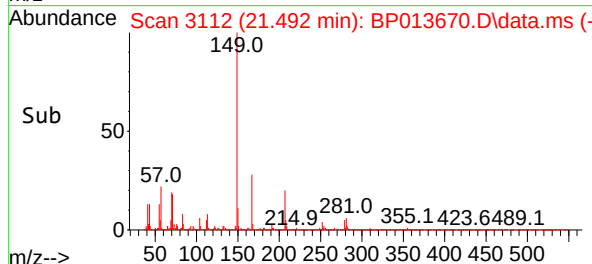
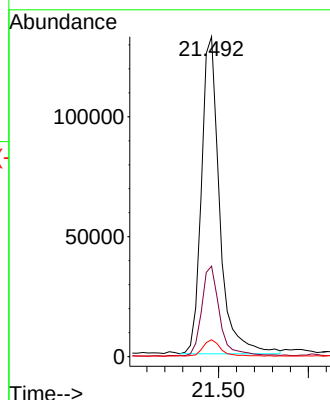
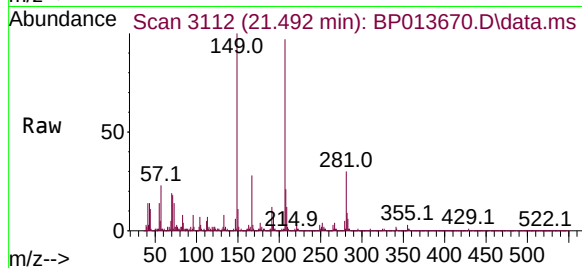
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.670 ng
RT: 21.492 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 186542
Ion Ratio Lower Upper
149 100
167 28.3 23.0 34.6
279 5.3 3.9 5.9

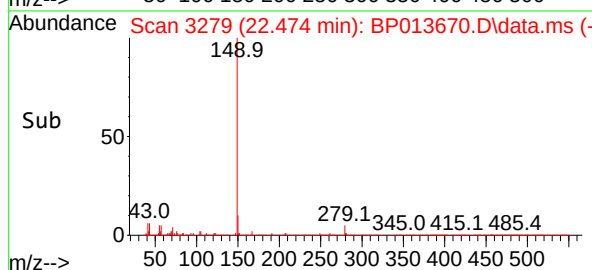
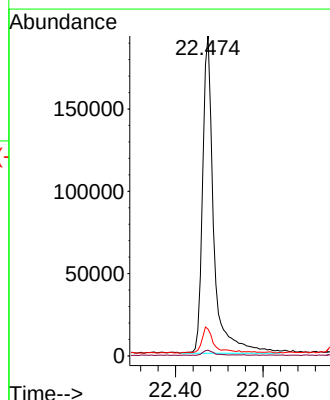
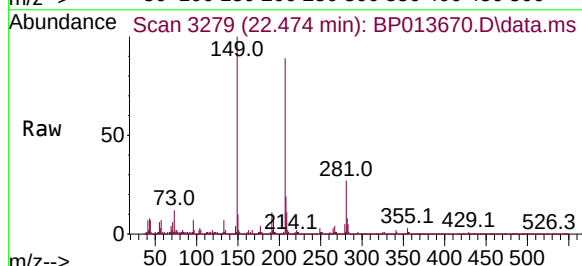
Manual Integrations
APPROVED

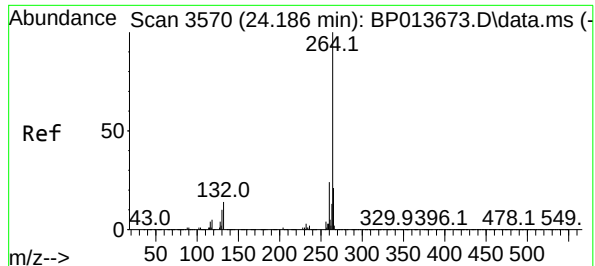
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#85
Di-n-octyl phthalate
Concen: 4.679 ng
RT: 22.474 min Scan# 3279
Delta R.T. 0.000 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

Tgt Ion:149 Resp: 341267
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.5 6.3 9.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.180 min Scan# 3569

Delta R.T. -0.006 min

Lab File: BP013670.D

Acq: 31 Jan 2023 11:55

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:264 Resp: 1456786

Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

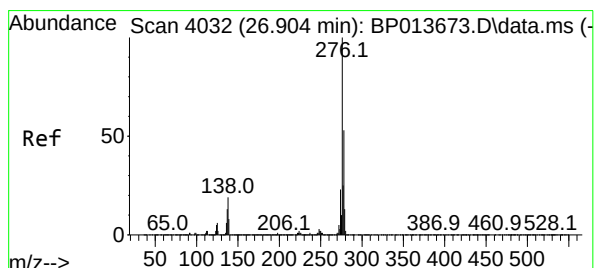
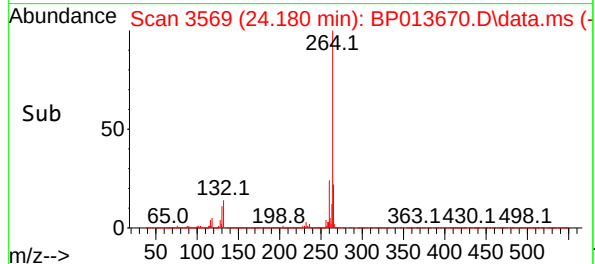
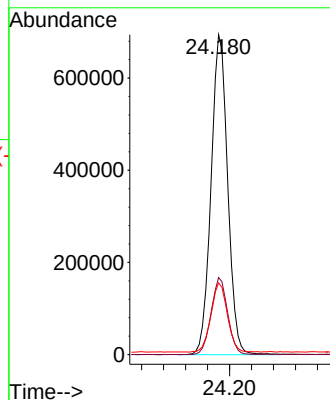
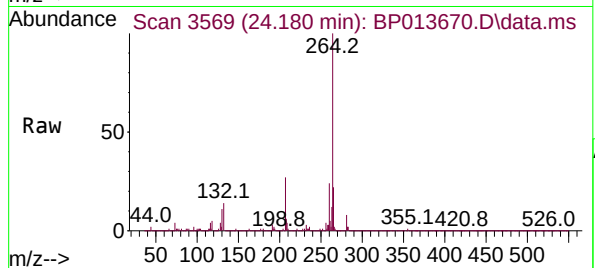
265 22.4 17.4 26.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#87

Indeno(1,2,3-cd)pyrene

Concen: 5.136 ng

RT: 26.898 min Scan# 4031

Delta R.T. -0.006 min

Lab File: BP013670.D

Acq: 31 Jan 2023 11:55

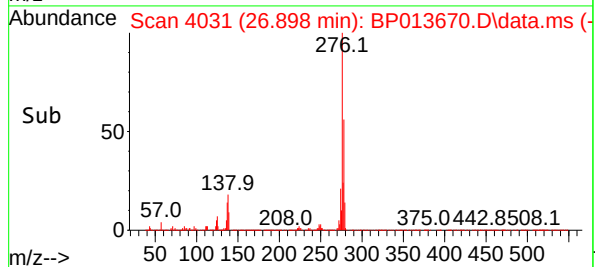
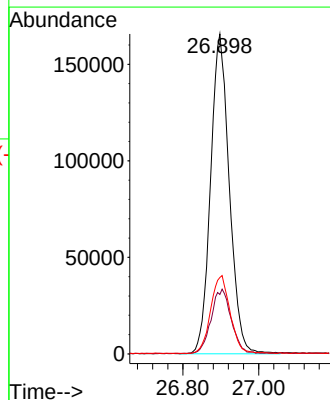
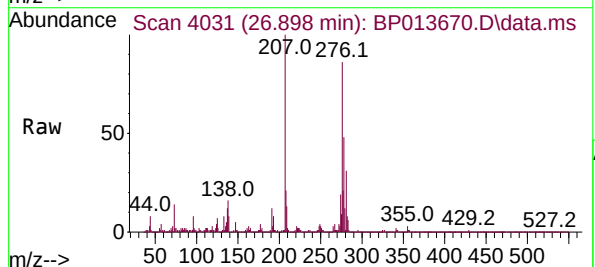
Tgt Ion:276 Resp: 569018

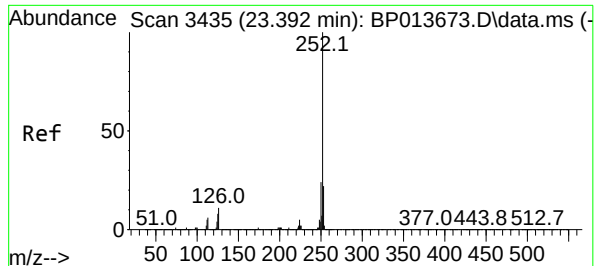
Ion Ratio Lower Upper

276 100

138 21.8 16.5 24.7

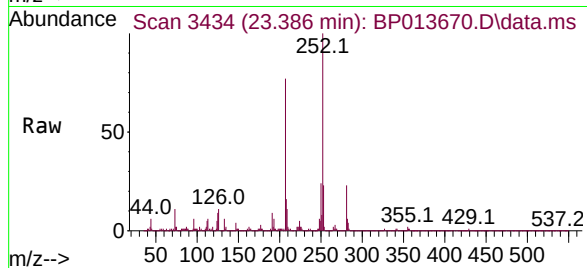
277 25.3 20.2 30.2





#88
Benzo(b)fluoranthene
Concen: 4.938 ng
RT: 23.386 min Scan# 3435
Delta R.T. -0.006 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

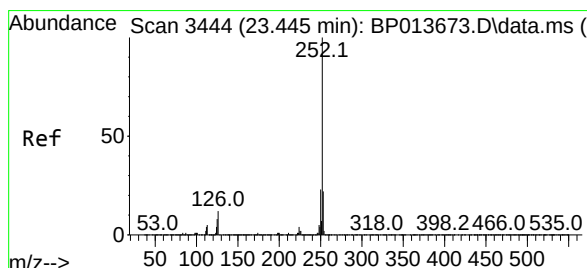
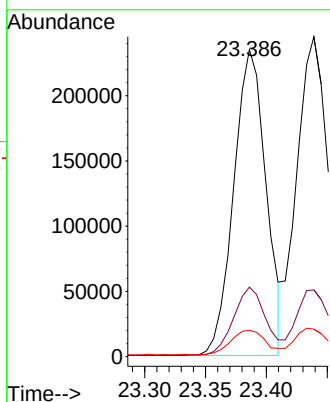
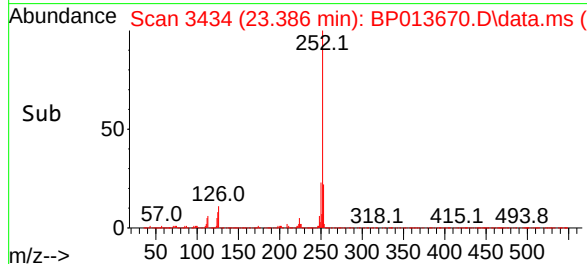
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:252 Resp: 432355
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 8.6 6.8 10.2

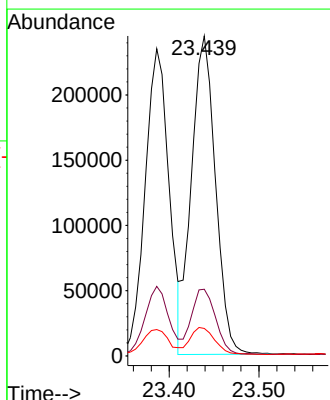
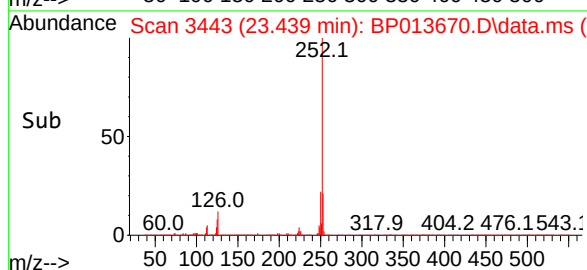
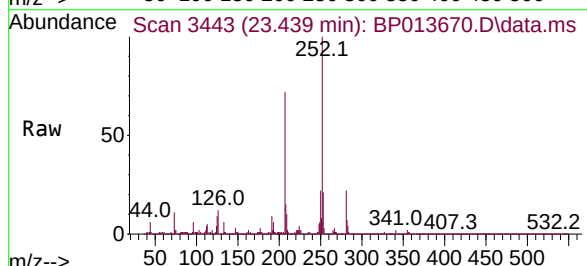
Manual Integrations
APPROVED

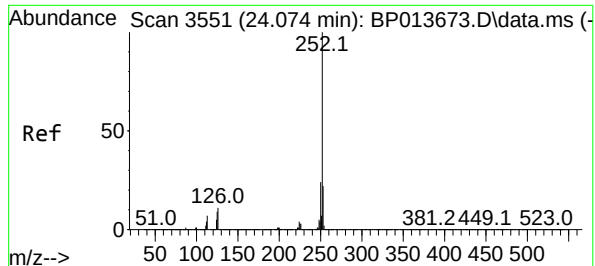
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#89
Benzo(k)fluoranthene
Concen: 5.163 ng
RT: 23.439 min Scan# 3443
Delta R.T. -0.006 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

Tgt Ion:252 Resp: 452753
Ion Ratio Lower Upper
252 100
253 20.9 17.7 26.5
125 8.6 6.3 9.5





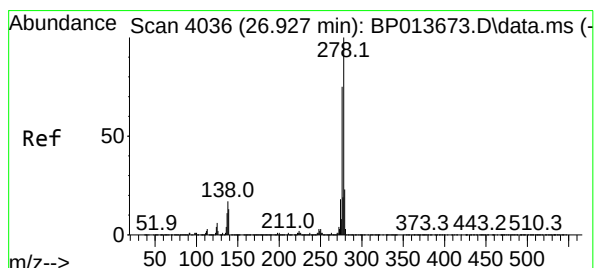
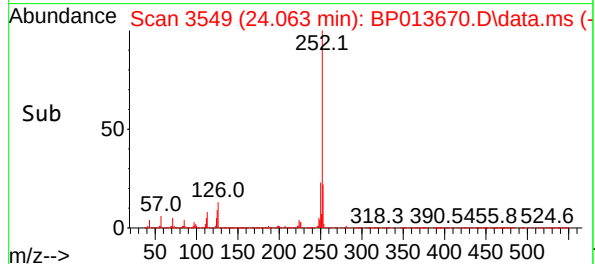
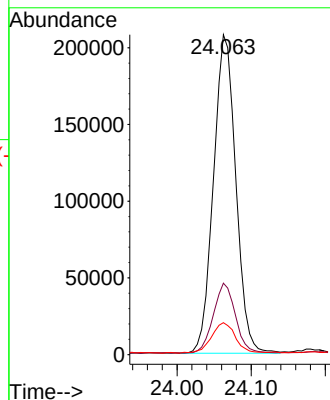
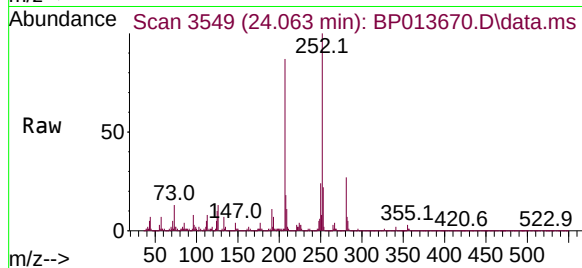
#90
Benzo(a)pyrene
Concen: 5.004 ng
RT: 24.063 min Scan# 3549
Delta R.T. -0.012 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 434872
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 10.0 7.0 10.4

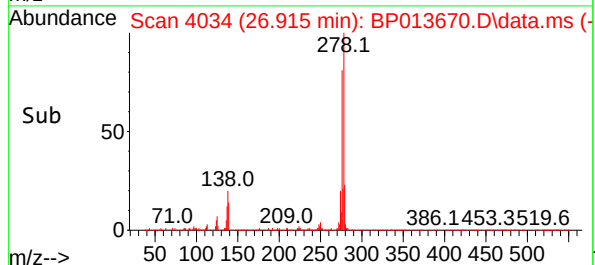
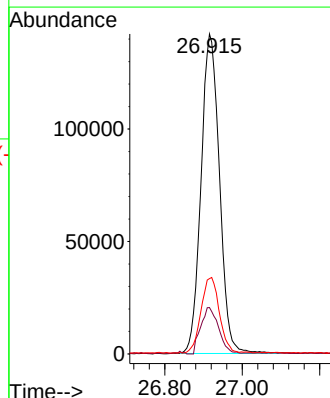
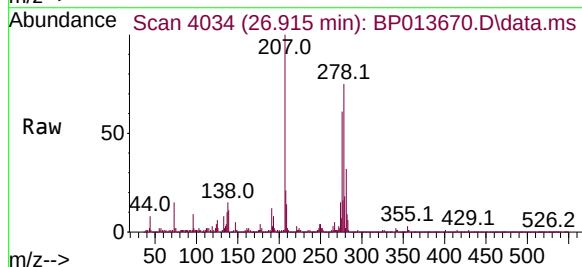
Manual Integrations
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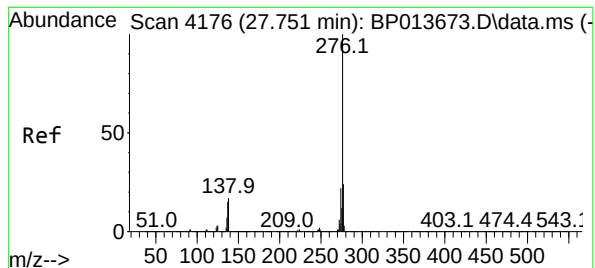
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#91
Dibenzo(a,h)anthracene
Concen: 5.111 ng
RT: 26.915 min Scan# 4034
Delta R.T. -0.012 min
Lab File: BP013670.D
Acq: 31 Jan 2023 11:55

Tgt Ion:278 Resp: 469988
Ion Ratio Lower Upper
278 100
139 14.5 10.6 16.0
279 23.5 18.8 28.2





#92

Benzo(g,h,i)perylene

Concen: 5.172 ng

RT: 27.733 min Scan# 41

Delta R.T. -0.018 min

Lab File: BP013670.D

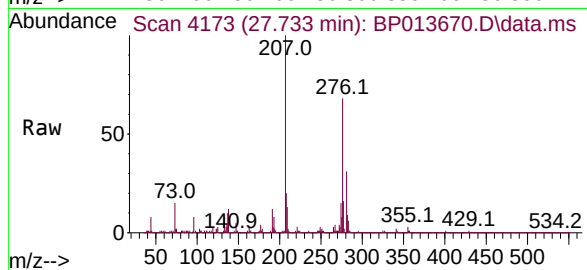
Acq: 31 Jan 2023 11:55

Instrument :

BNA_P

ClientSampleId :

SSTDICC005



Tgt Ion:276 Resp: 472434

Ion Ratio Lower Upper

276 100

277 24.1 19.2 28.8

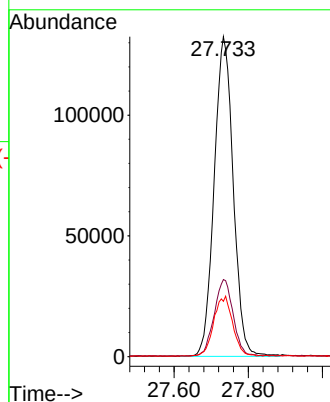
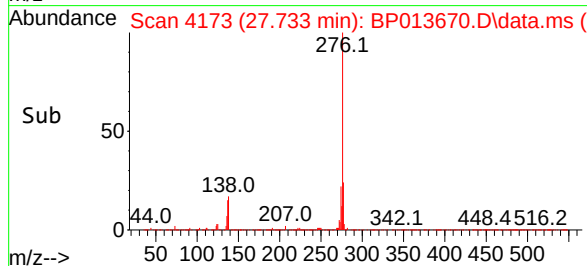
138 17.3 14.0 21.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
 Data File : BP013671.D
 Acq On : 31 Jan 2023 12:30
 Operator : CG/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023
 Supervised By :Jagrut Upadhyay 02/01/2023

Quant Time: Feb 01 03:01:10 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Feb 01 02:57:10 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	224889	20.000	ng	0.00
21) Naphthalene-d8	10.969	136	852691	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	571169	20.000	ng	0.00
64) Phenanthrene-d10	17.534	188	1246996	20.000	ng	0.00
76) Chrysene-d12	21.604	240	1322136	20.000	ng	0.00
86) Perylene-d12	24.180	264	1578749	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	267013	20.297	ng	0.00
7) Phenol-d6	7.281	99	349321	19.931	ng	0.00
23) Nitrobenzene-d5	9.316	82	257904	17.594	ng	0.00
42) 2,4,6-Tribromophenol	16.263	330	159516	18.620	ng	0.00
45) 2-Fluorobiphenyl	13.399	172	815926	19.989	ng	0.00
79) Terphenyl-d14	20.057	244	1348034	20.246	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.517	88	59168	10.631	ng	99
3) Pyridine	3.934	79	160231	10.169	ng	98
4) n-Nitrosodimethylamine	3.840	42	57187	9.953	ng	# 98
6) Aniline	7.458	93	226529	9.914	ng	99
8) 2-Chlorophenol	7.699	128	139882	10.100	ng	98
9) Benzaldehyde	7.269	77	114655	12.948	ng	97
10) Phenol	7.311	94	182636	9.975	ng	97
11) bis(2-Chloroethyl)ether	7.552	93	148089	10.125	ng	98
12) 1,3-Dichlorobenzene	8.028	146	160884	10.312	ng	98
13) 1,4-Dichlorobenzene	8.175	146	160981	10.198	ng	99
14) 1,2-Dichlorobenzene	8.499	146	153109	10.136	ng	99
15) Benzyl Alcohol	8.381	79	117187	9.442	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.663	45	172644m	10.069	ng	
17) 2-Methylphenol	8.581	107	125012	9.743	ng	99
18) Hexachloroethane	9.234	117	51821	9.956	ng	93
19) n-Nitroso-di-n-propyla...	8.952	70	109393	9.948	ng	99
20) 3+4-Methylphenols	8.905	107	170146	9.721	ng	100
22) Acetophenone	8.969	105	216625	9.742	ng	# 99
24) Nitrobenzene	9.358	77	143589	9.031	ng	99
25) Isophorone	9.887	82	311188	9.578	ng	100
26) 2-Nitrophenol	10.075	139	54886	8.247	ng	98
27) 2,4-Dimethylphenol	10.122	122	126348	9.273	ng	99
28) bis(2-Chloroethoxy)met...	10.363	93	192032	9.861	ng	99
29) 2,4-Dichlorophenol	10.610	162	135959	9.527	ng	98
30) 1,2,4-Trichlorobenzene	10.828	180	156477	9.881	ng	97
31) Naphthalene	11.022	128	443242	9.886	ng	99
32) Benzoic acid	10.199	122	72345	7.422	ng	96
33) 4-Chloroaniline	11.128	127	189921	9.641	ng	99
34) Hexachlorobutadiene	11.305	225	98972	9.846	ng	99
35) Caprolactam	11.893	113	42335m	9.068	ng	
36) 4-Chloro-3-methylphenol	12.234	107	138247	9.209	ng	97
37) 2-Methylnaphthalene	12.616	142	324906	9.638	ng	99
38) 1-Methylnaphthalene	12.834	142	308134	9.730	ng	99
40) 1,2,4,5-Tetrachloroben...	12.975	216	186132	9.545	ng	99
41) Hexachlorocyclopentadiene	12.957	237	68575	7.705	ng	95
43) 2,4,6-Trichlorophenol	13.216	196	117066	9.117	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
 Data File : BP013671.D
 Acq On : 31 Jan 2023 12:30
 Operator : CG/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023
 Supervised By :Jagrut Upadhyay 02/01/2023

Quant Time: Feb 01 03:01:10 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Feb 01 02:57:10 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.281	196	135865	9.037	ng	99
46) 1,1'-Biphenyl	13.610	154	424307	9.817	ng	100
47) 2-Chloronaphthalene	13.657	162	326378	9.769	ng	100
48) 2-Nitroaniline	13.857	65	51168	7.167	ng	99
49) Acenaphthylene	14.498	152	518399	9.622	ng	100
50) Dimethylphthalate	14.222	163	423297	9.582	ng	99
51) 2,6-Dinitrotoluene	14.340	165	59303	7.511	ng	95
52) Acenaphthene	14.840	154	338118	10.061	ng	98
53) 3-Nitroaniline	14.675	138	70471	8.184	ng	95
54) 2,4-Dinitrophenol	14.875	184	29040	6.043	ng	97
55) Dibenzofuran	15.175	168	545650	10.052	ng	98
56) 4-Nitrophenol	14.969	139	60370	7.881	ng	97
57) 2,4-Dinitrotoluene	15.128	165	74877	7.226	ng	94
58) Fluorene	15.822	166	425966	9.994	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.393	232	122339	9.358	ng	99
60) Diethylphthalate	15.581	149	414103	9.778	ng	98
61) 4-Chlorophenyl-phenyle...	15.810	204	230347	9.925	ng	97
62) 4-Nitroaniline	15.834	138	67274	7.867	ng	95
63) Azobenzene	16.104	77	381192	9.743	ng	99
65) 4,6-Dinitro-2-methylph...	15.893	198	42920	6.604	ng	99
66) n-Nitrosodiphenylamine	16.022	169	375322	10.344	ng	98
67) 4-Bromophenyl-phenylether	16.710	248	137735	9.635	ng	98
68) Hexachlorobenzene	16.828	284	154076	9.734	ng	96
69) Atrazine	16.975	200	117238	9.930	ng	97
70) Pentachlorophenol	17.175	266	104471	8.947	ng	96
71) Phenanthrene	17.575	178	673259	10.073	ng	100
72) Anthracene	17.663	178	673127	9.975	ng	99
73) Carbazole	17.928	167	624672	10.195	ng	99
74) Di-n-butylphthalate	18.457	149	657913	9.812	ng	99
75) Fluoranthene	19.522	202	828045	9.951	ng	99
77) Benzidine	19.692	184	309230	10.828	ng	100
78) Pyrene	19.875	202	867705	9.755	ng	99
80) Butylbenzylphthalate	20.728	149	212206	8.739	ng	96
81) Benzo(a)anthracene	21.586	228	894160	9.737	ng	99
82) 3,3'-Dichlorobenzidine	21.516	252	267817	9.224	ng	98
83) Chrysene	21.645	228	866770	9.907	ng	99
84) Bis(2-ethylhexyl)phtha...	21.492	149	380628	9.206	ng	99
85) Di-n-octyl phthalate	22.475	149	692171	9.168	ng	99
87) Indeno(1,2,3-cd)pyrene	26.898	276	1169627	9.742	ng	99
88) Benzo(b)fluoranthene	23.386	252	900076	9.486	ng	99
89) Benzo(k)fluoranthene	23.439	252	898633	9.455	ng	99
90) Benzo(a)pyrene	24.069	252	910055	9.662	ng	99
91) Dibenzo(a,h)anthracene	26.915	278	975507	9.788	ng	99
92) Benzo(g,h,i)perylene	27.739	276	963855	9.738	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
 Data File : BP013671.D
 Acq On : 31 Jan 2023 12:30
 Operator : CG/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 02/01/2023
 Supervised By : Jagrut Upadhyay 02/01/2023

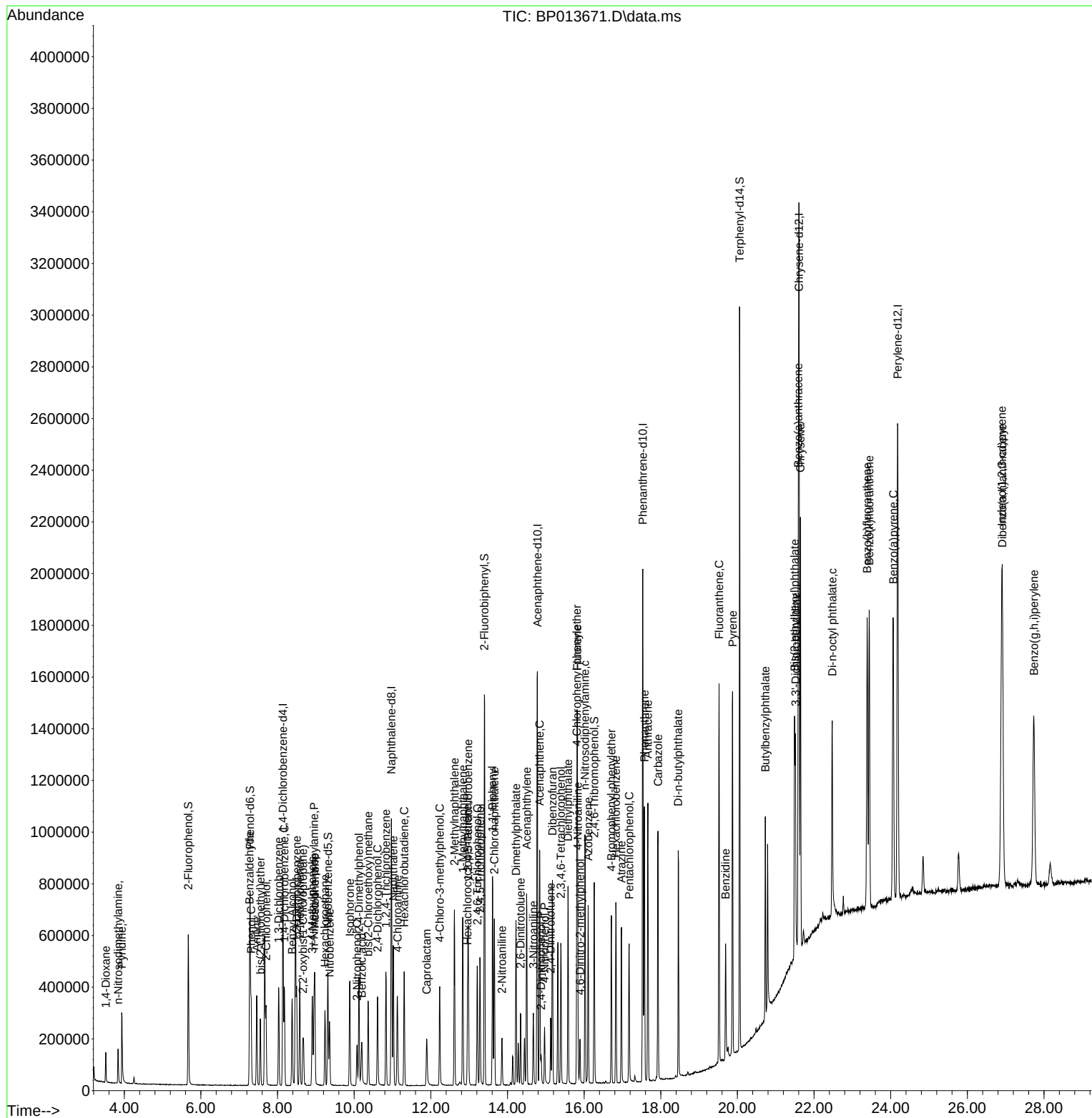
Quant Time: Feb 01 03:01:10 2023

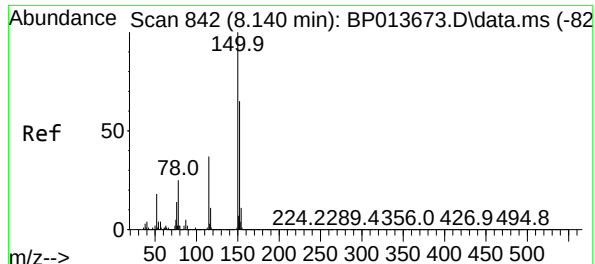
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Feb 01 02:57:10 2023

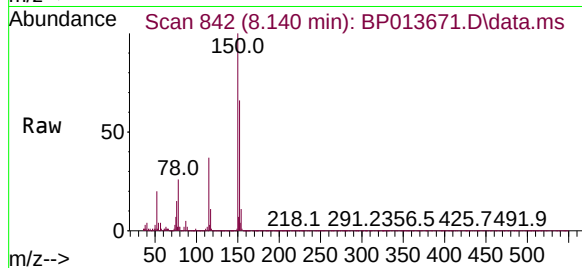
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.140 min Scan# 842
 Delta R.T. -0.000 min
 Lab File: BP013671.D
 Acq: 31 Jan 2023 12:30

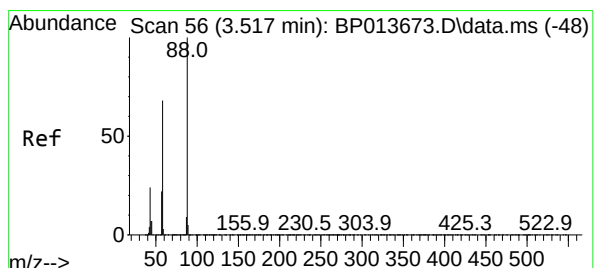
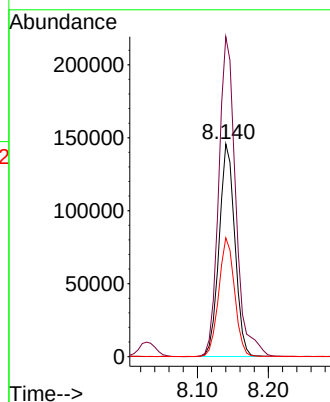
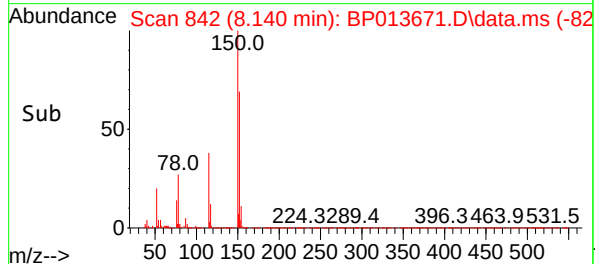
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC010



Tgt Ion: 152 Resp: 224889
 Ion Ratio Lower Upper
 152 100
 150 150.4 123.6 185.4
 115 55.9 45.4 68.0

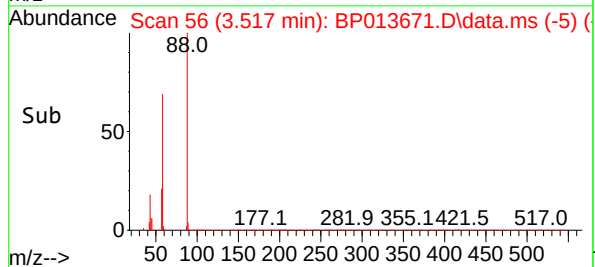
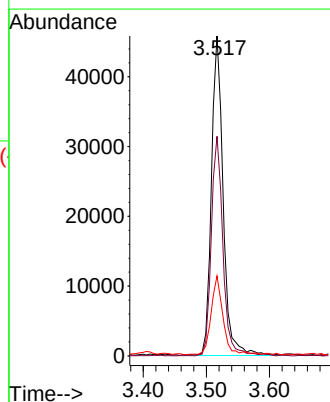
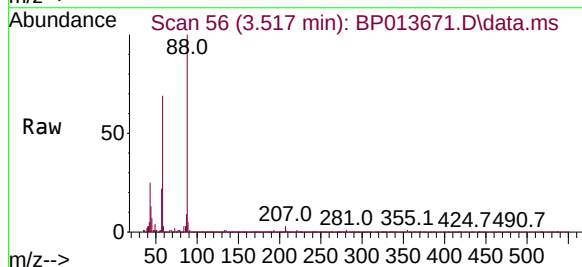
Manual Integrations
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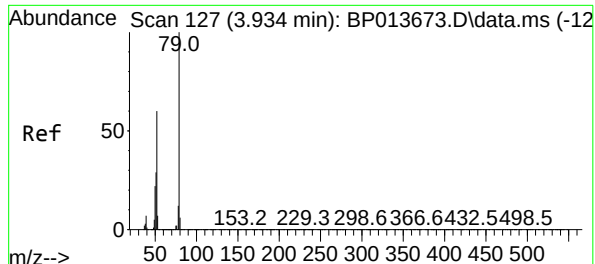
Reviewed By :Christian Giraldo 02/01/2023
 Supervised By :Jagrut Upadhyay 02/01/2023



#2
 1,4-Dioxane
 Concen: 10.631 ng
 RT: 3.517 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: BP013671.D
 Acq: 31 Jan 2023 12:30

Tgt Ion: 88 Resp: 59168
 Ion Ratio Lower Upper
 88 100
 58 68.0 53.8 80.8
 43 24.8 19.8 29.6





#3

Pyridine

Concen: 10.169 ng

RT: 3.934 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP013671.D

Acq: 31 Jan 2023 12:30

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 79 Resp: 16023

Ion Ratio Lower Upper

79 100

52 60.5 48.2 72.2

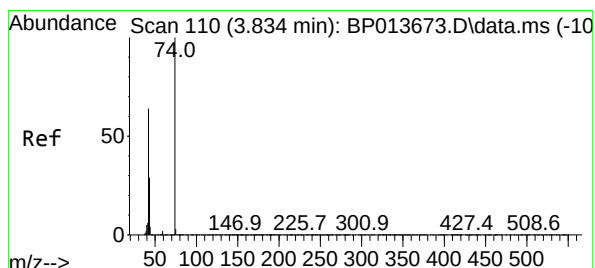
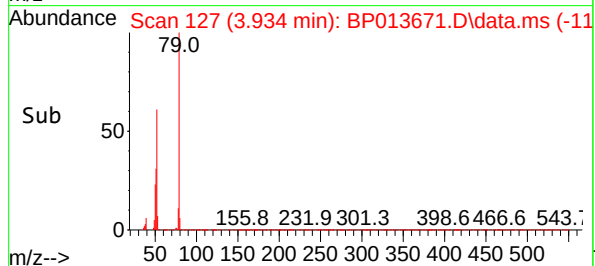
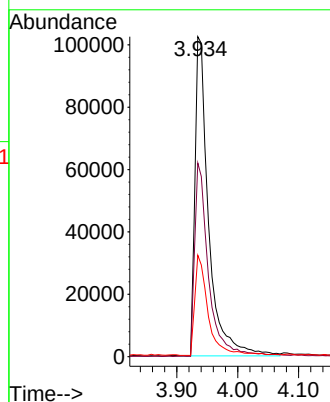
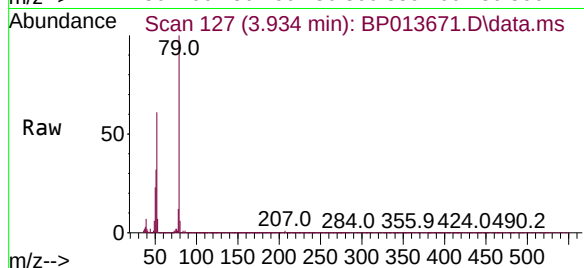
51 31.7 23.6 35.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#4

n-Nitrosodimethylamine

Concen: 9.953 ng

RT: 3.840 min Scan# 111

Delta R.T. 0.006 min

Lab File: BP013671.D

Acq: 31 Jan 2023 12:30

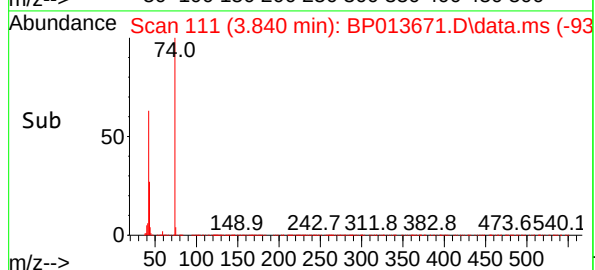
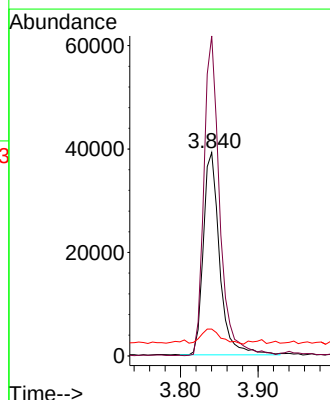
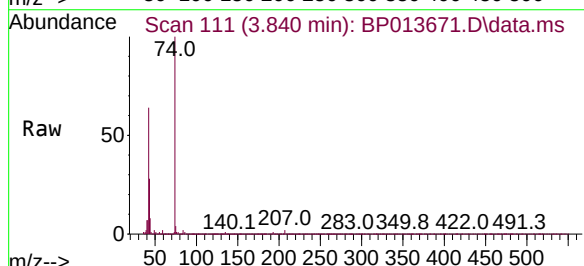
Tgt Ion: 42 Resp: 57187

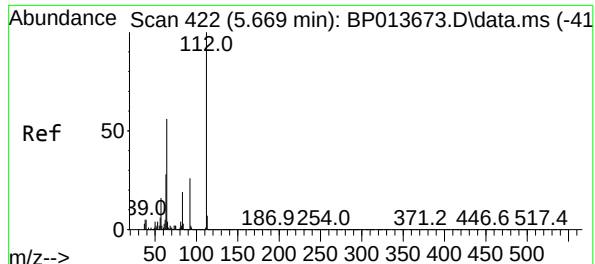
Ion Ratio Lower Upper

42 100

74 157.5 124.6 187.0

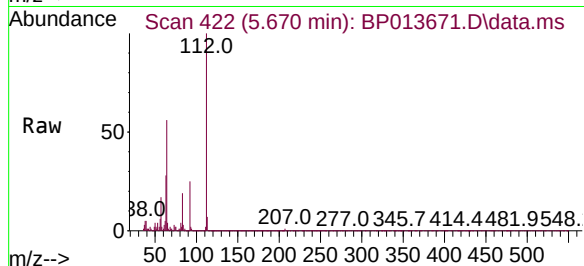
44 13.2 6.3 9.5#





#5
2-Fluorophenol
Concen: 20.297 ng
RT: 5.670 min Scan# 422
Delta R.T. 0.000 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

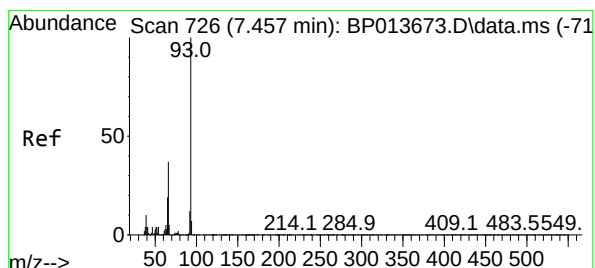
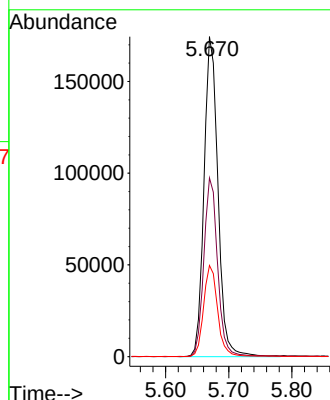
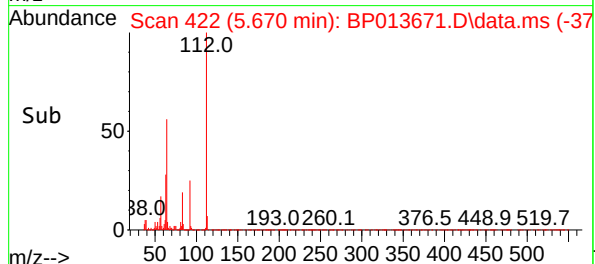
Instrument :
BNA_P
Client Sample Id :
SSTDICC010



Tgt Ion: 112 Resp: 267013
Ion Ratio Lower Upper
112 100
64 55.8 44.6 67.0
63 28.5 22.6 34.0

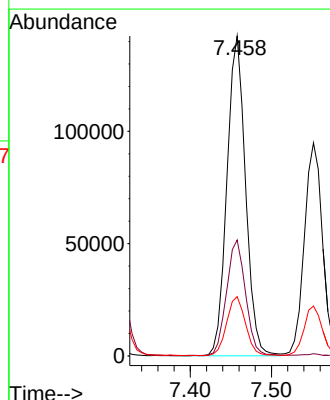
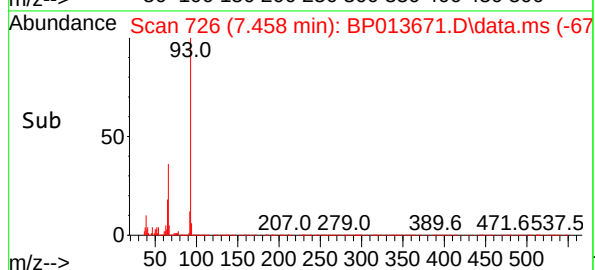
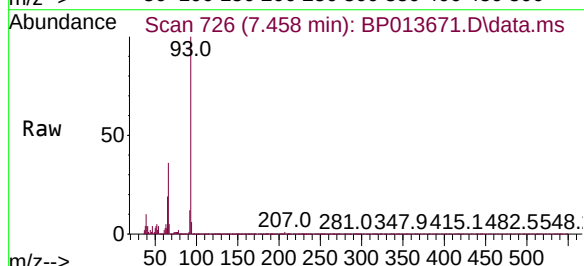
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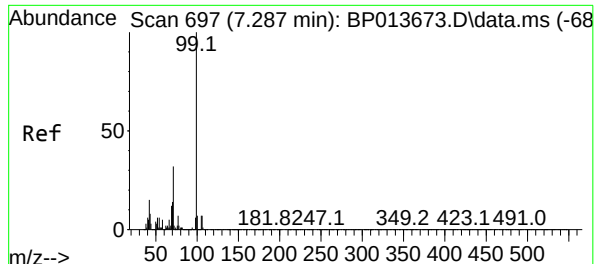
Reviewed By : Christian Giraldo 02/01/2023
Supervised By : Jagrut Upadhyay 02/01/2023



#6
Aniline
Concen: 9.914 ng
RT: 7.458 min Scan# 726
Delta R.T. 0.000 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

Tgt Ion: 93 Resp: 226529
Ion Ratio Lower Upper
93 100
66 36.2 29.3 43.9
65 18.5 15.1 22.7





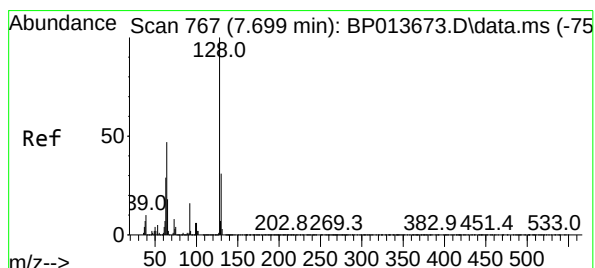
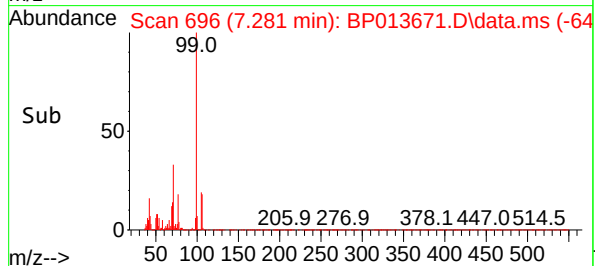
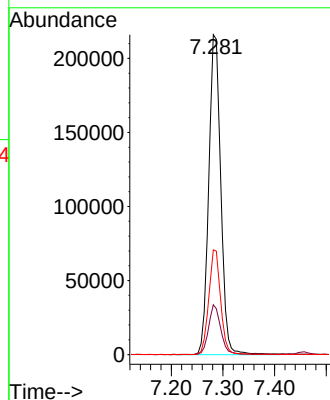
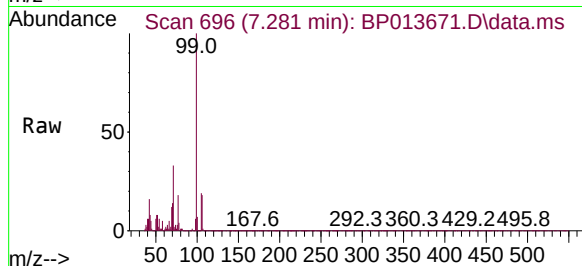
#7
Phenol-d6
Concen: 19.931 ng
RT: 7.281 min Scan# 697
Delta R.T. -0.006 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

Instrument :
BNA_P
Client Sample Id :
SSTDICC010

Tgt Ion: 99 Resp: 349321
Ion Ratio Lower Upper
99 100
42 15.6 11.8 17.6
71 32.7 25.6 38.4

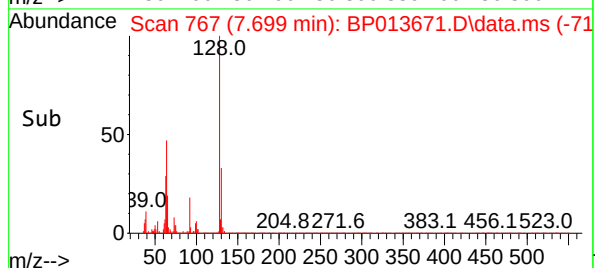
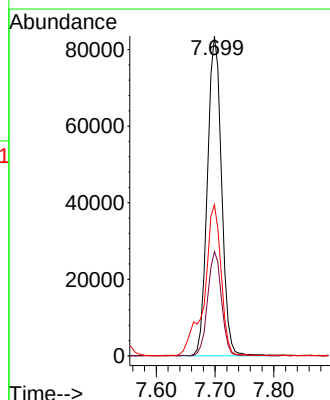
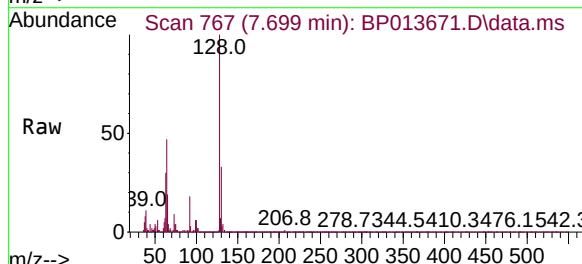
Manual Integrations
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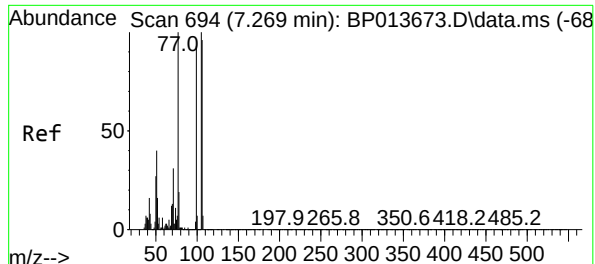
Reviewed By : Christian Giraldo 02/01/2023
Supervised By : Jagrut Upadhyay 02/01/2023



#8
2-Chlorophenol
Concen: 10.100 ng
RT: 7.699 min Scan# 767
Delta R.T. 0.000 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

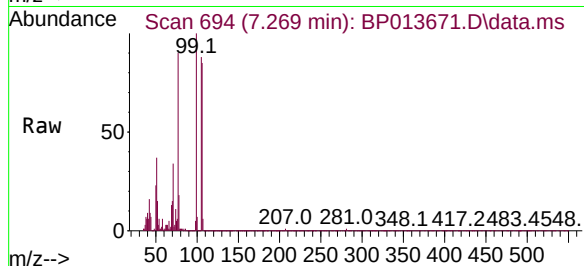
Tgt Ion: 128 Resp: 139882
Ion Ratio Lower Upper
128 100
130 32.6 10.8 50.8
64 47.2 26.9 66.9





#9
Benzaldehyde
Concen: 12.948 ng
RT: 7.269 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

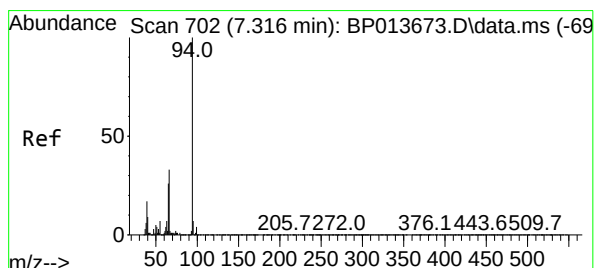
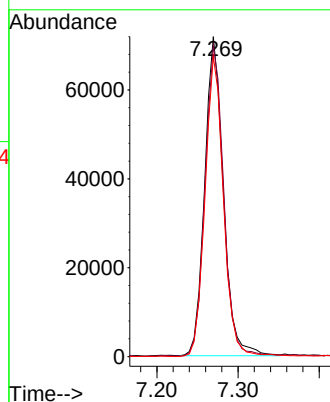
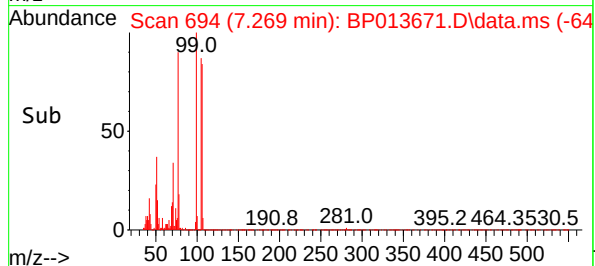
Instrument :
BNA_P
Client Sample Id :
SSTDICC010



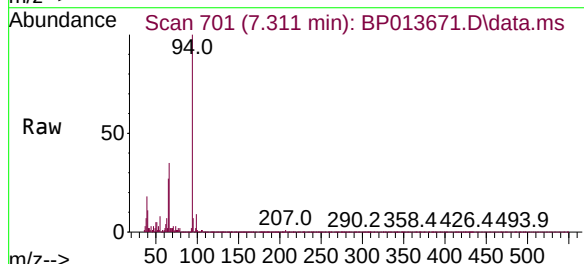
Tgt Ion: 77 Resp: 11465
Ion Ratio Lower Upper
77 100
105 97.1 80.4 120.4
106 93.8 76.7 116.7

Manual Integrations
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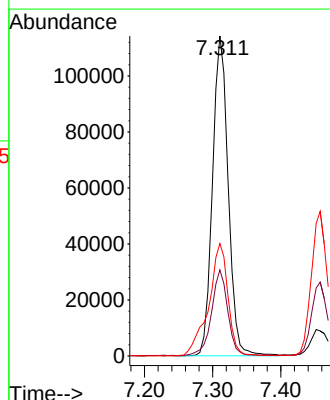
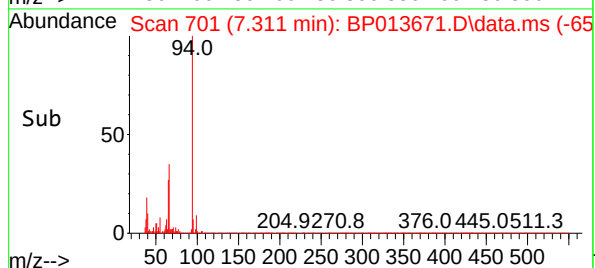
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

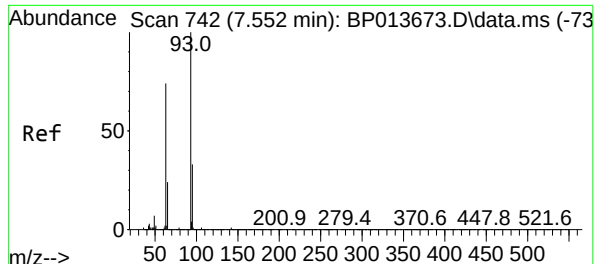


#10
Phenol
Concen: 9.975 ng
RT: 7.311 min Scan# 701
Delta R.T. -0.006 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30



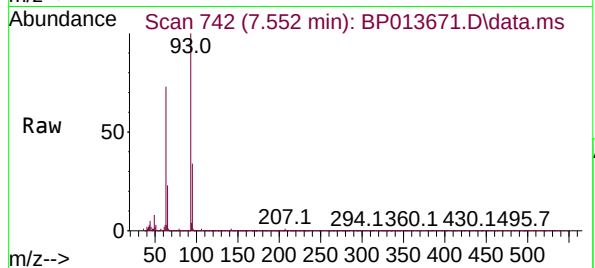
Tgt Ion: 94 Resp: 182636
Ion Ratio Lower Upper
94 100
65 26.9 6.0 46.0
66 35.1 13.1 53.1





#11
bis(2-Chloroethyl)ether
Concen: 10.125 ng
RT: 7.552 min Scan# 742
Delta R.T. 0.000 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

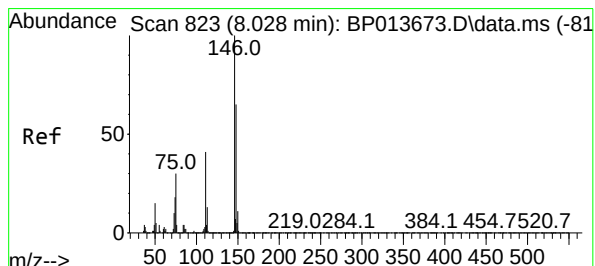
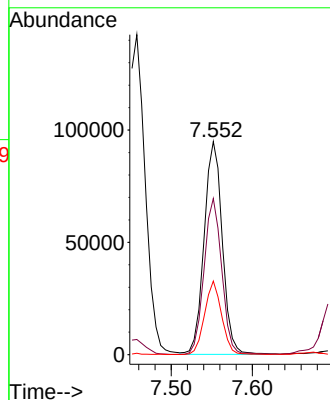
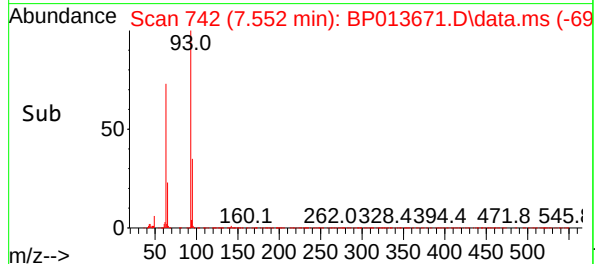
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 93 Resp: 148089
Ion Ratio Lower Upper
93 100
63 73.2 53.7 93.7
95 34.5 12.4 52.4

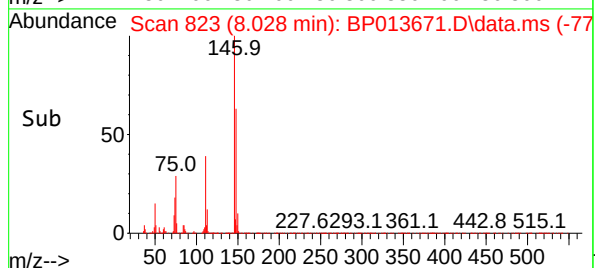
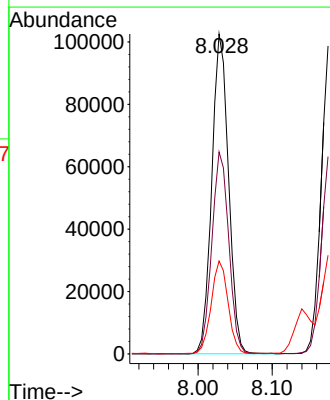
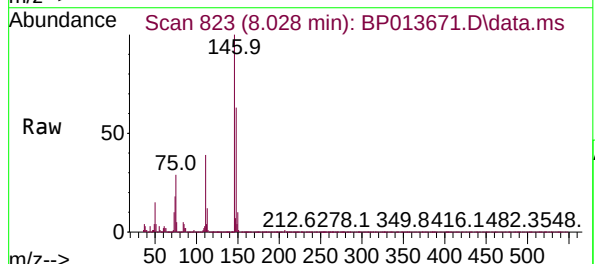
Manual Integrations
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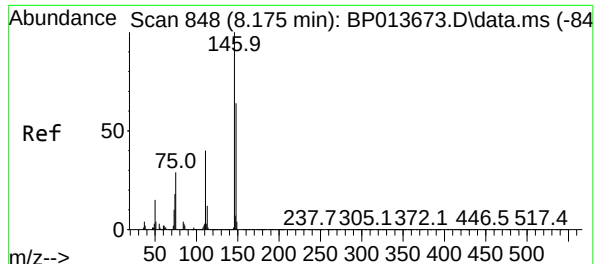
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#12
1,3-Dichlorobenzene
Concen: 10.312 ng
RT: 8.028 min Scan# 823
Delta R.T. 0.000 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

Tgt Ion:146 Resp: 160884
Ion Ratio Lower Upper
146 100
148 63.1 51.9 77.9
75 29.0 24.0 36.0





#13

1,4-Dichlorobenzene

Concen: 10.198 ng

RT: 8.175 min Scan# 848

Delta R.T. 0.000 min

Lab File: BP013671.D

Acq: 31 Jan 2023 12:30

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:146 Resp: 160981

Ion Ratio Lower Upper

146 100

148 64.1 51.5 77.3

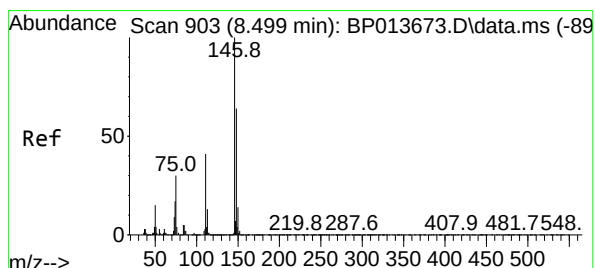
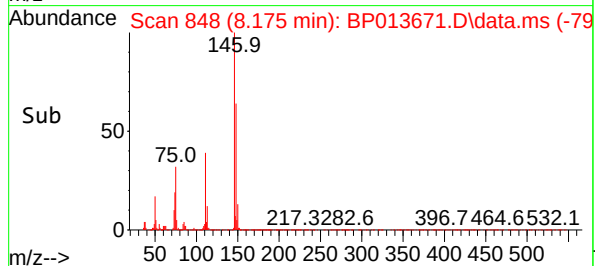
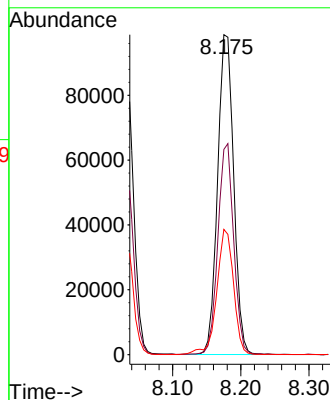
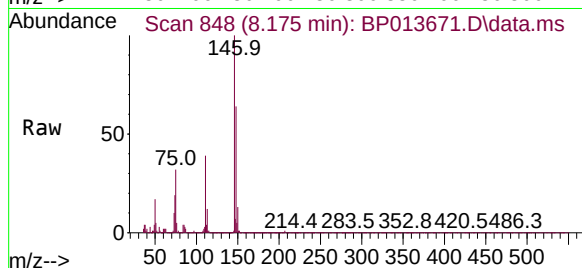
111 39.1 32.0 48.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#14

1,2-Dichlorobenzene

Concen: 10.136 ng

RT: 8.499 min Scan# 903

Delta R.T. 0.000 min

Lab File: BP013671.D

Acq: 31 Jan 2023 12:30

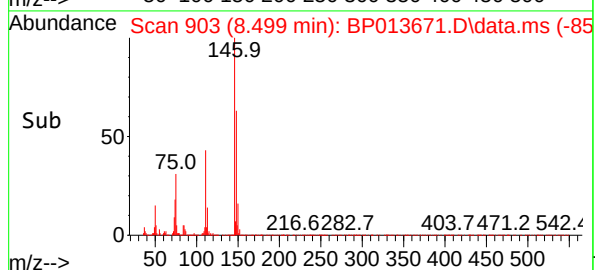
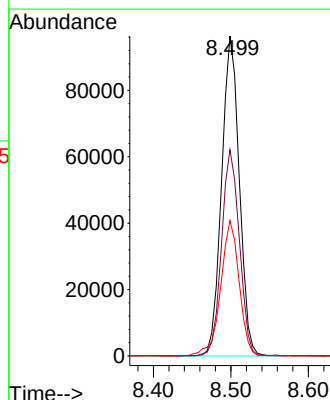
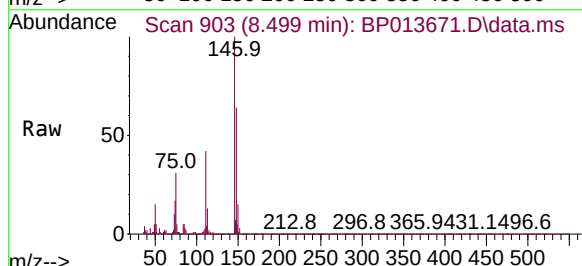
Tgt Ion:146 Resp: 153109

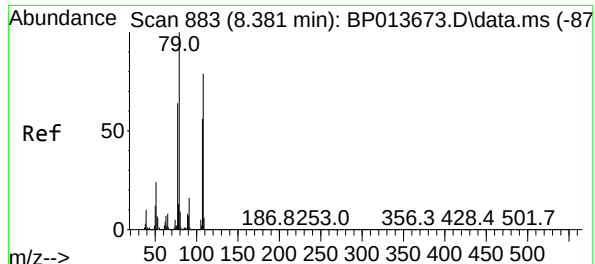
Ion Ratio Lower Upper

146 100

148 64.4 51.3 76.9

111 42.3 32.8 49.2





#15

Benzyl Alcohol

Concen: 9.442 ng

RT: 8.381 min Scan# 883

Delta R.T. 0.000 min

Lab File: BP013671.D

Acq: 31 Jan 2023 12:30

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 79 Resp: 11718

Ion Ratio Lower Upper

79 100

108 78.5 62.9 94.3

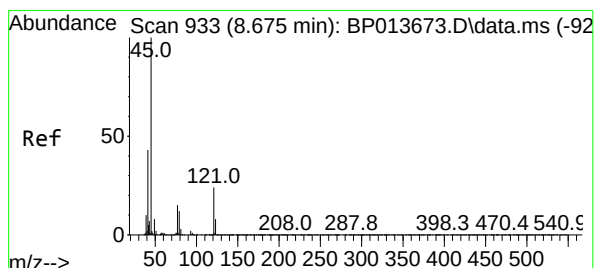
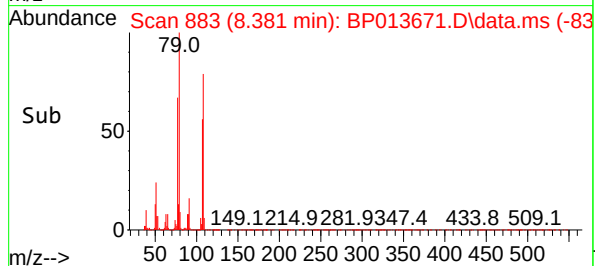
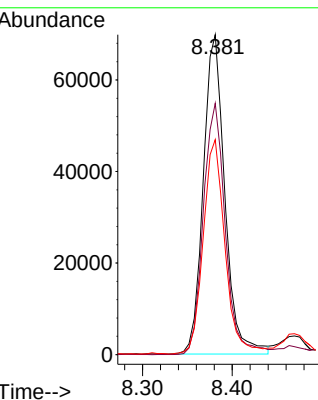
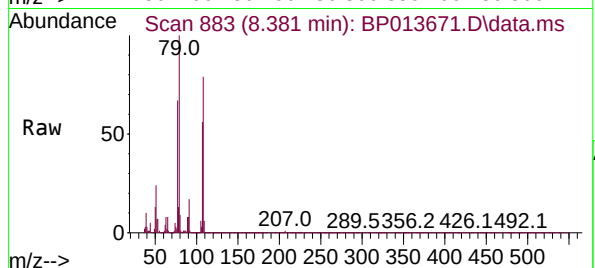
77 67.2 51.1 76.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.069 ng m

RT: 8.663 min Scan# 931

Delta R.T. -0.012 min

Lab File: BP013671.D

Acq: 31 Jan 2023 12:30

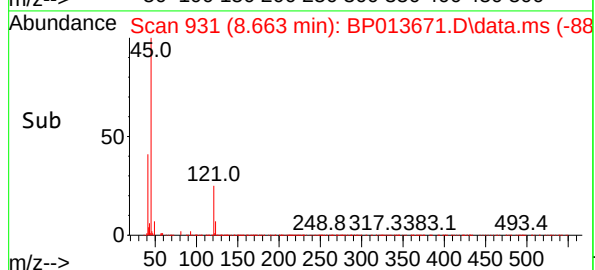
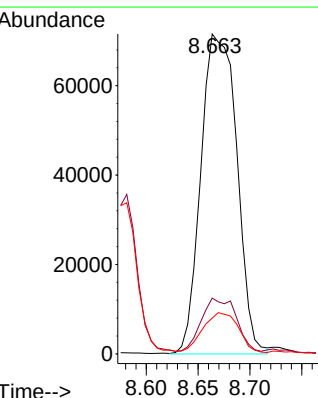
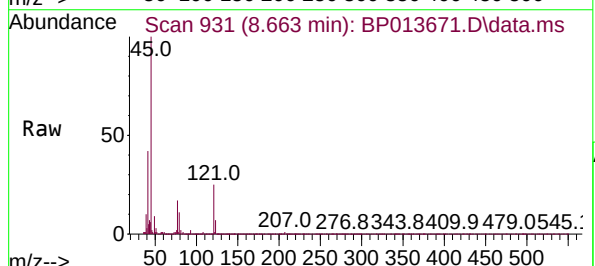
Tgt Ion: 45 Resp: 172644

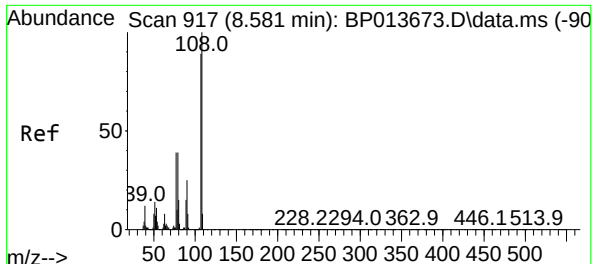
Ion Ratio Lower Upper

45 100

77 17.4 0.0 36.4

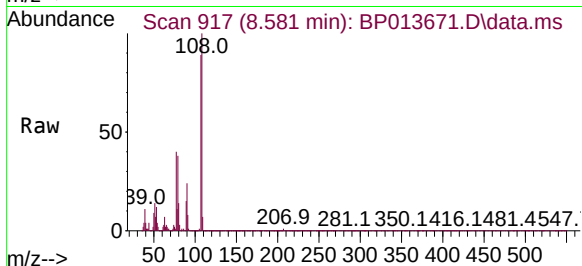
79 11.2 0.0 33.4





#17
2-Methylphenol
Concen: 9.743 ng
RT: 8.581 min Scan# 917
Delta R.T. 0.000 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

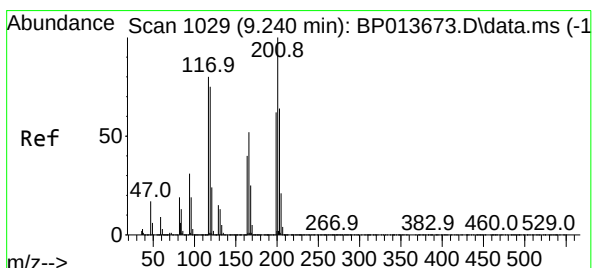
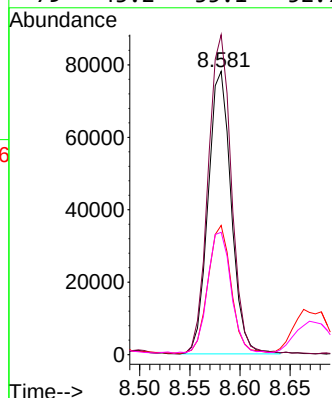
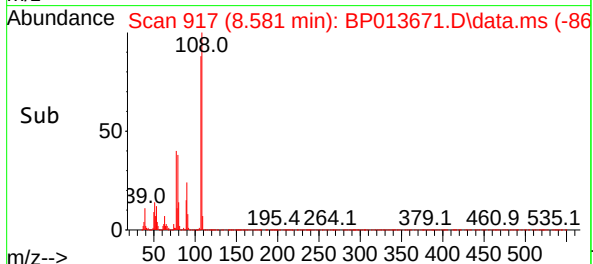
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:107 Resp: 125012
Ion Ratio Lower Upper
107 100
108 113.0 90.0 135.0
77 45.6 35.7 53.5
79 43.2 35.1 52.7

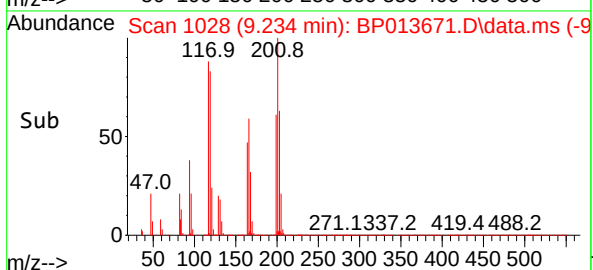
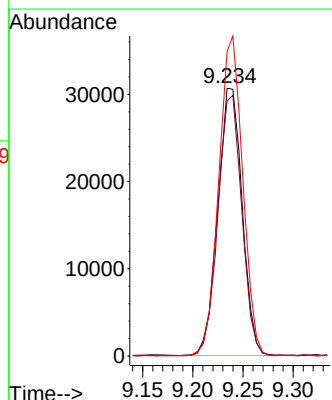
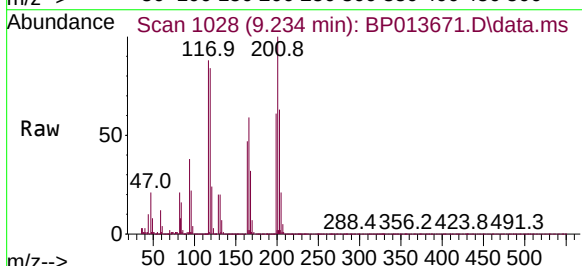
Manual Integrations
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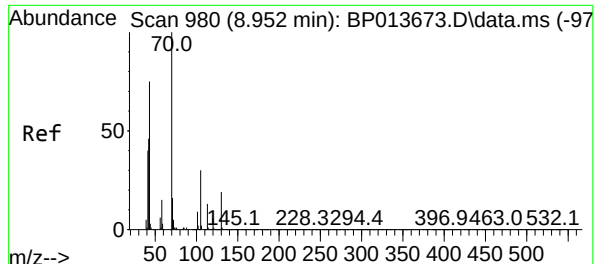
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#18
Hexachloroethane
Concen: 9.956 ng
RT: 9.234 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

Tgt Ion:117 Resp: 51821
Ion Ratio Lower Upper
117 100
119 95.3 75.0 112.4
201 113.8 100.4 150.6





#19

n-Nitroso-di-n-propylamine

Concen: 9.948 ng

RT: 8.952 min Scan# 980

Delta R.T. -0.000 min

Lab File: BP013671.D

Acq: 31 Jan 2023 12:30

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 109393

Ion Ratio Lower Upper

70 100

42 46.5 37.2 55.8

101 9.9 7.4 11.2

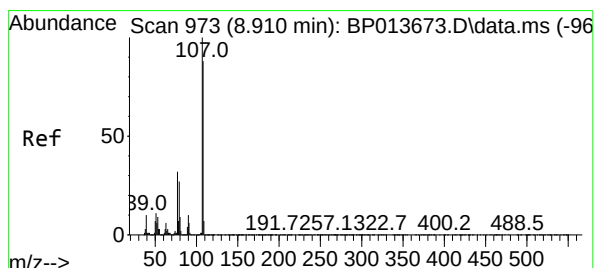
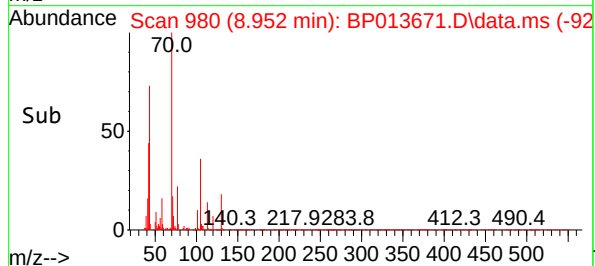
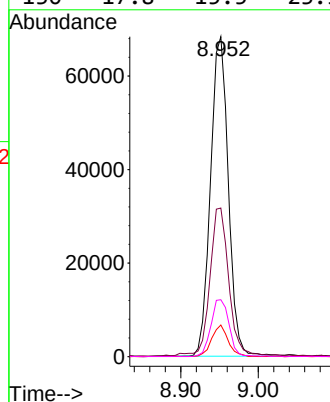
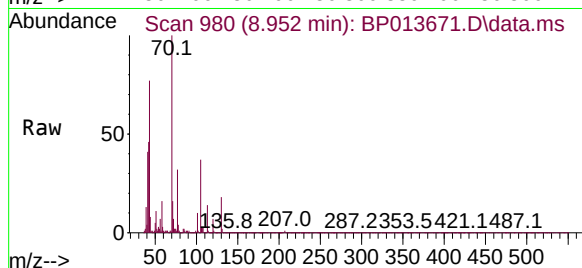
130 17.8 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#20

3+4-Methylphenols

Concen: 9.721 ng

RT: 8.905 min Scan# 972

Delta R.T. -0.005 min

Lab File: BP013671.D

Acq: 31 Jan 2023 12:30

Tgt Ion:107 Resp: 170146

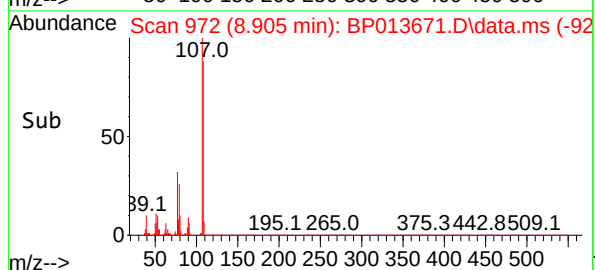
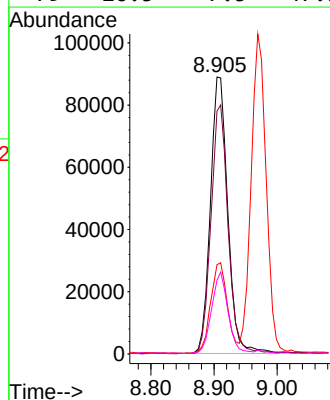
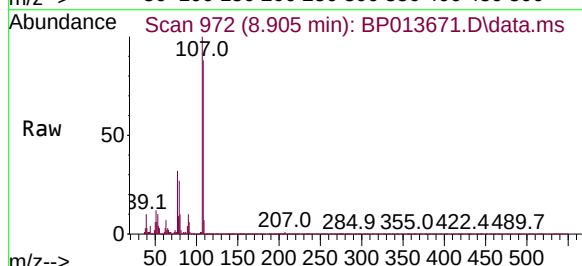
Ion Ratio Lower Upper

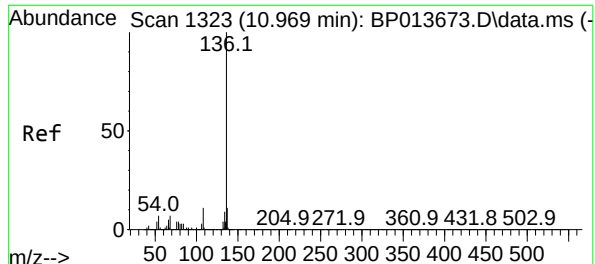
107 100

108 87.7 67.7 107.7

77 32.2 12.0 52.0

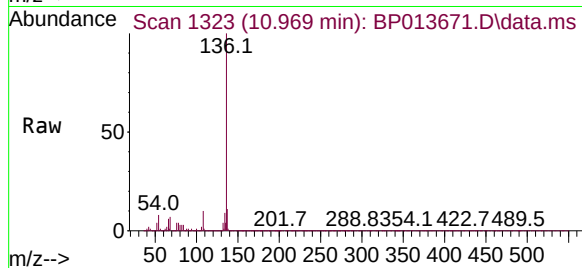
79 26.5 7.5 47.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.969 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

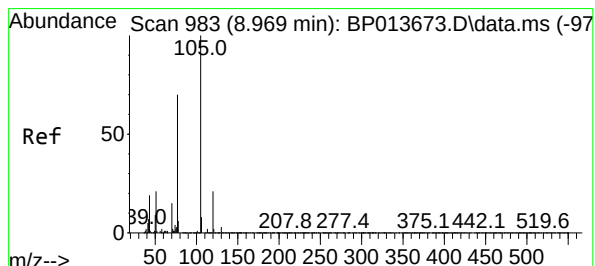
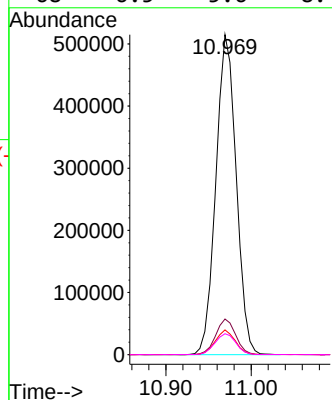
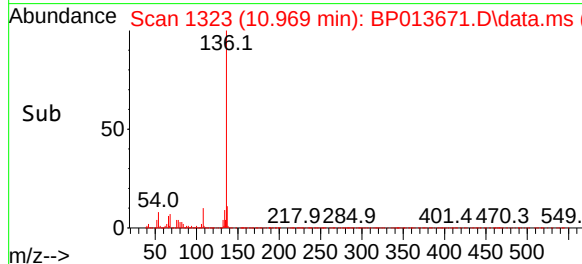
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:136 Resp: 852691
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.7 6.0 9.0
68 6.5 5.6 8.4

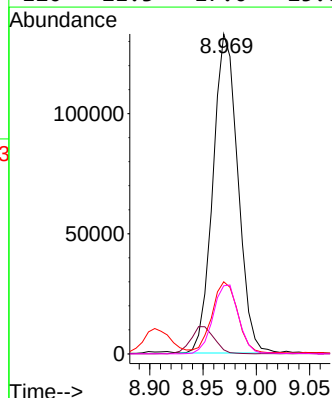
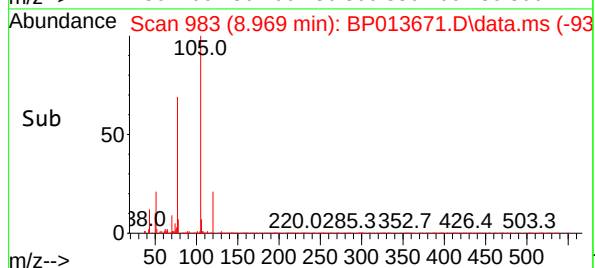
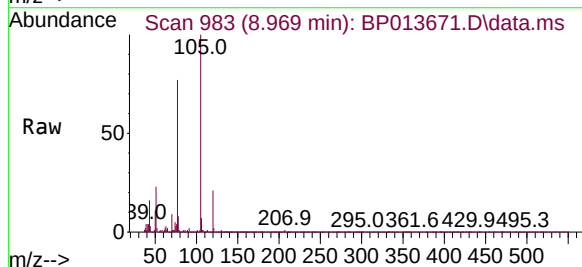
Manual Integrations
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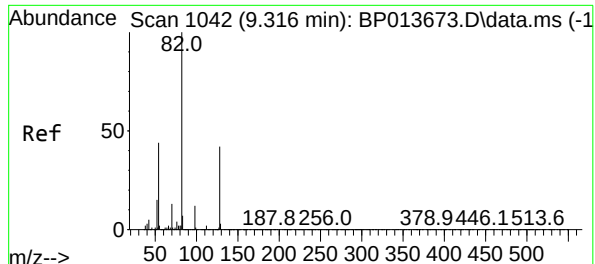
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#22
Acetophenone
Concen: 9.742 ng
RT: 8.969 min Scan# 983
Delta R.T. 0.000 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

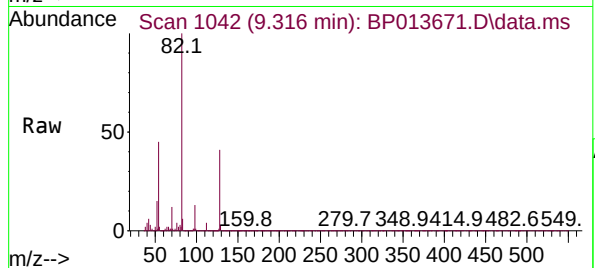
Tgt Ion:105 Resp: 216625
Ion Ratio Lower Upper
105 100
71 1.3 2.2 3.2#
51 22.5 18.6 27.8
120 21.3 17.0 25.6





#23
Nitrobenzene-d5
Concen: 17.594 ng
RT: 9.316 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

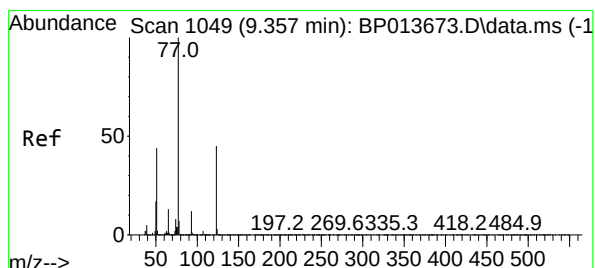
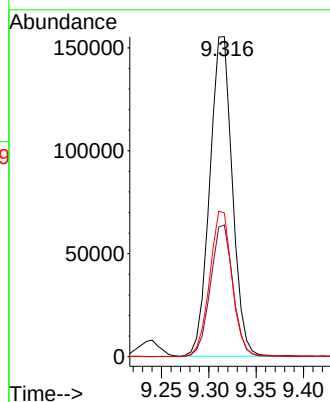
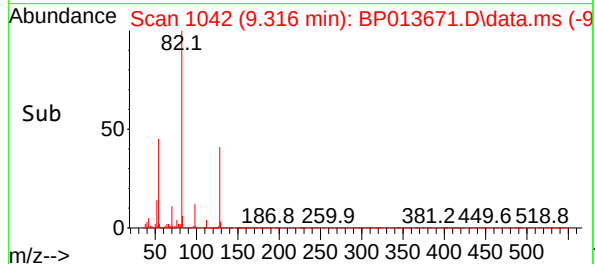
Instrument :
BNA_P
Client Sample Id :
SSTDICC010



Tgt Ion: 82 Resp: 257904
Ion Ratio Lower Upper
82 100
128 41.1 33.4 50.0
54 44.9 35.4 53.0

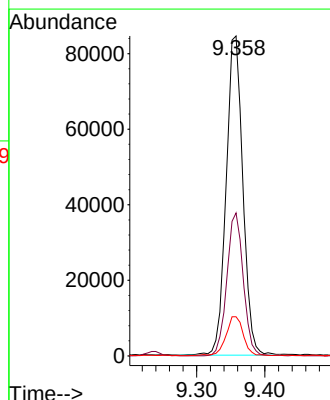
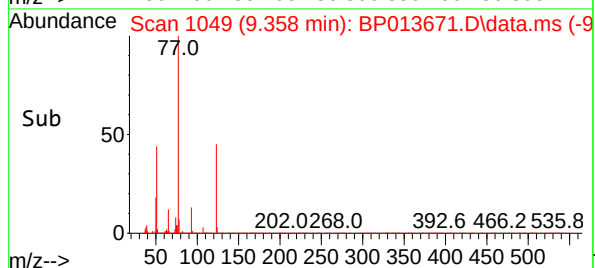
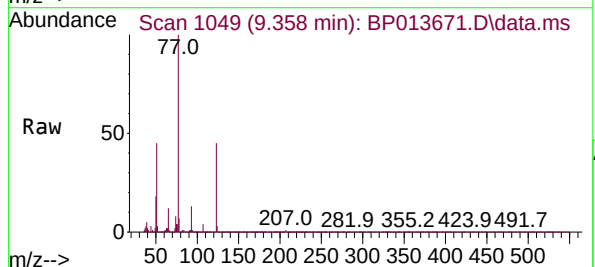
Manual Integrations
APPROVED

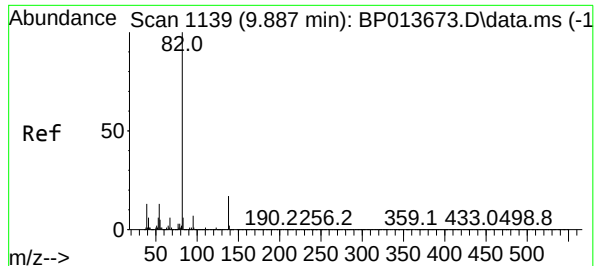
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#24
Nitrobenzene
Concen: 9.031 ng
RT: 9.358 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

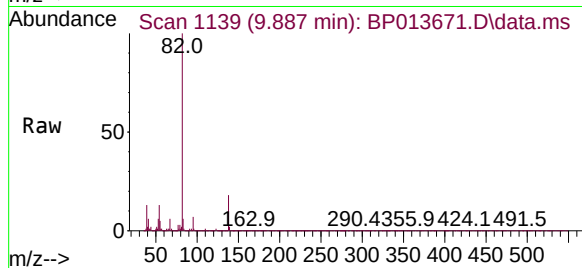
Tgt Ion: 77 Resp: 143589
Ion Ratio Lower Upper
77 100
123 44.7 35.9 53.9
65 12.2 10.2 15.4





#25
Isophorone
Concen: 9.578 ng
RT: 9.887 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

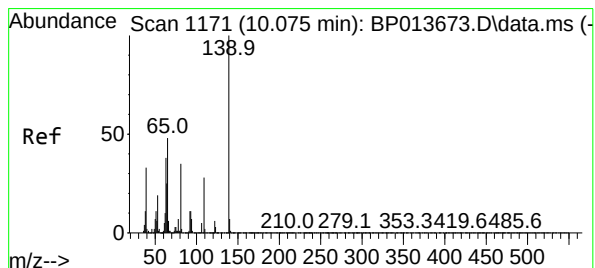
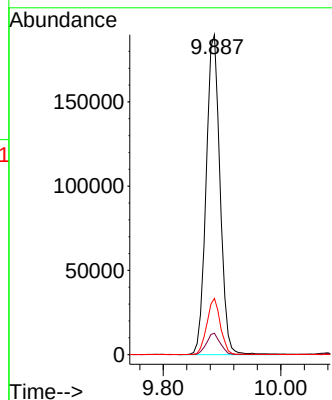
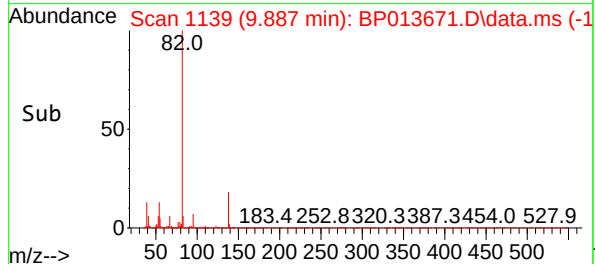
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 82 Resp: 311188
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.2
138 17.6 13.9 20.9

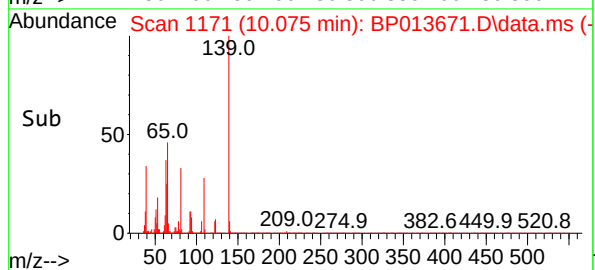
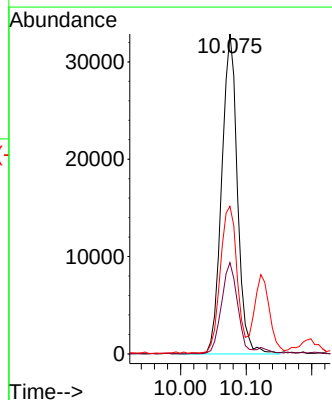
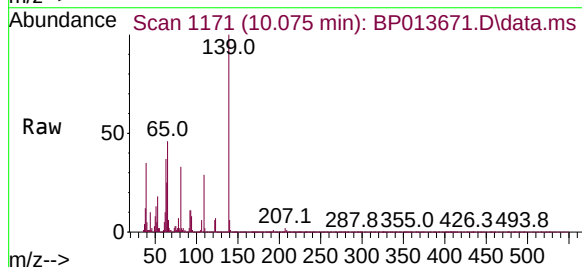
Manual Integrations
APPROVED

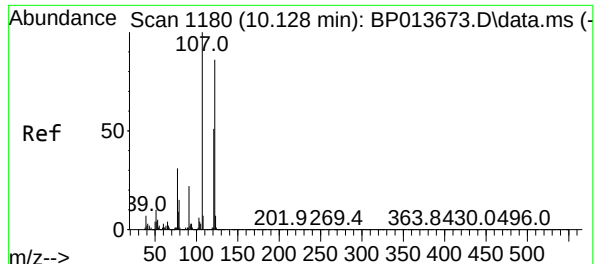
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#26
2-Nitrophenol
Concen: 8.247 ng
RT: 10.075 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

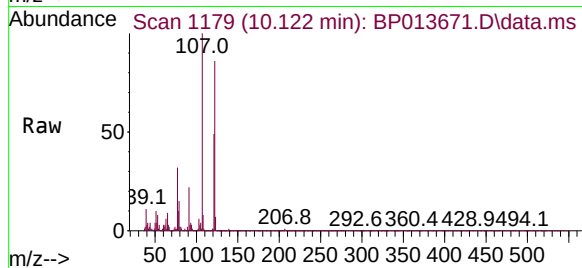
Tgt Ion:139 Resp: 54886
Ion Ratio Lower Upper
139 100
109 28.5 22.7 34.1
65 46.1 38.8 58.2





#27
2,4-Dimethylphenol
Concen: 9.273 ng
RT: 10.122 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

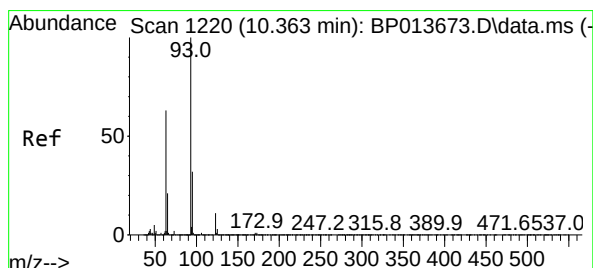
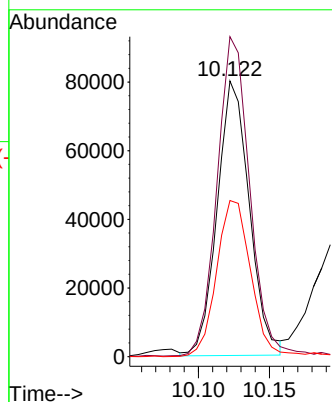
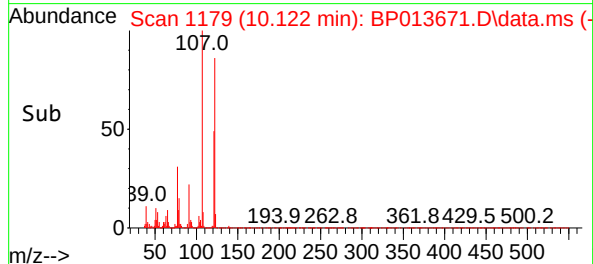
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:122 Resp: 126348
Ion Ratio Lower Upper
122 100
107 116.1 93.0 139.6
121 56.7 47.0 70.4

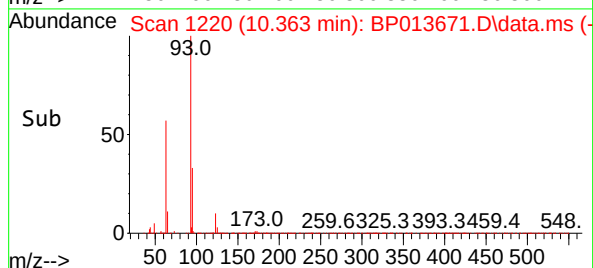
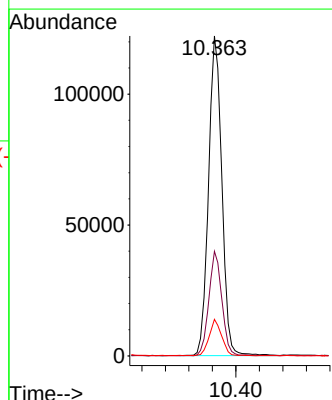
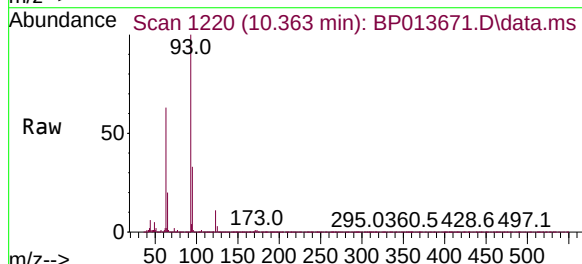
Manual Integrations
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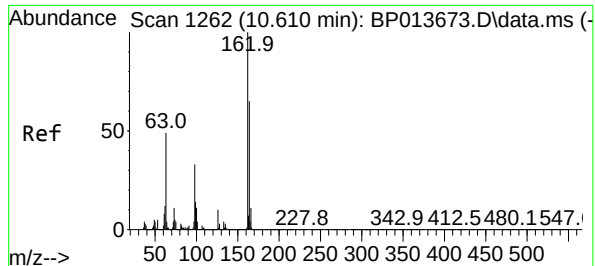
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#28
bis(2-Chloroethoxy)methane
Concen: 9.861 ng
RT: 10.363 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

Tgt Ion: 93 Resp: 192032
Ion Ratio Lower Upper
93 100
95 32.7 26.0 39.0
123 11.4 8.7 13.1





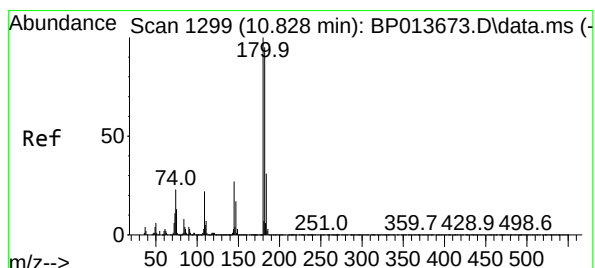
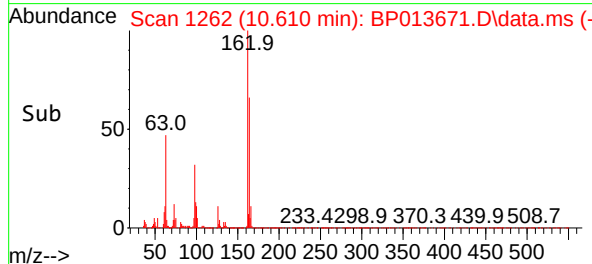
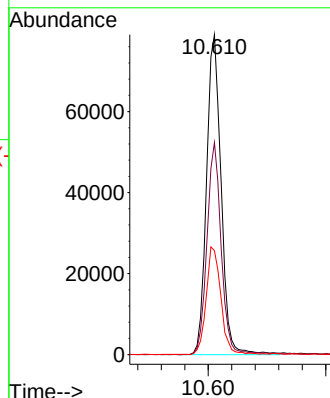
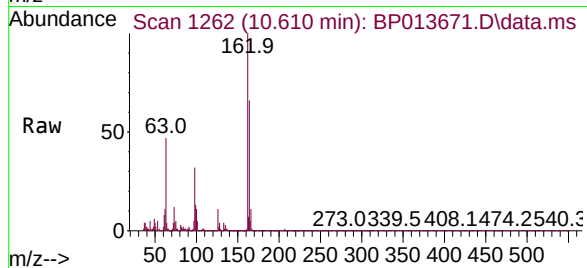
#29
2,4-Dichlorophenol
Concen: 9.527 ng
RT: 10.610 min Scan# 1262
Delta R.T. 0.000 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 135959
Ion Ratio Lower Upper
162 100
164 66.3 44.8 84.8
98 32.5 13.4 53.4

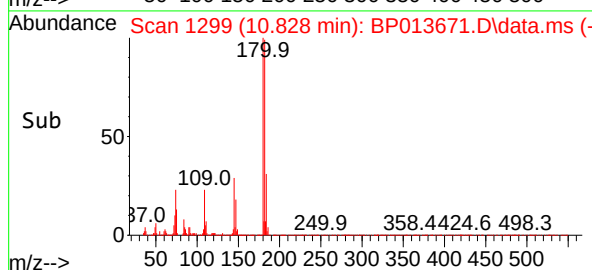
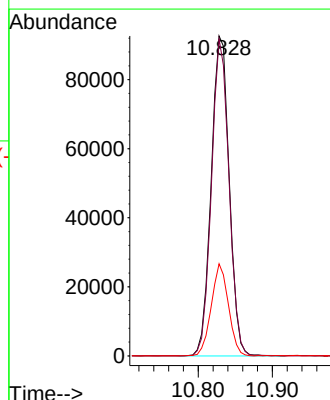
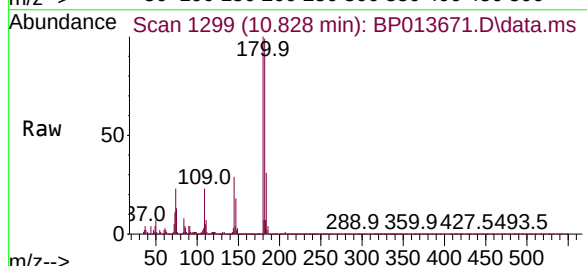
Manual Integrations
APPROVED

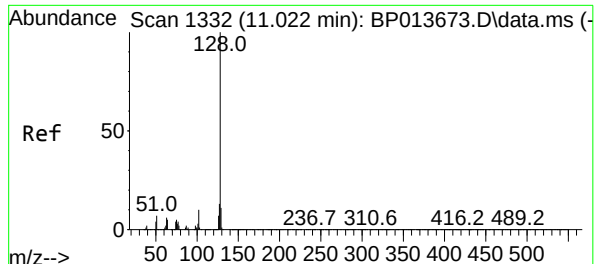
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#30
1,2,4-Trichlorobenzene
Concen: 9.881 ng
RT: 10.828 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

Tgt Ion:180 Resp: 156477
Ion Ratio Lower Upper
180 100
182 99.0 76.4 114.6
145 28.8 21.9 32.9





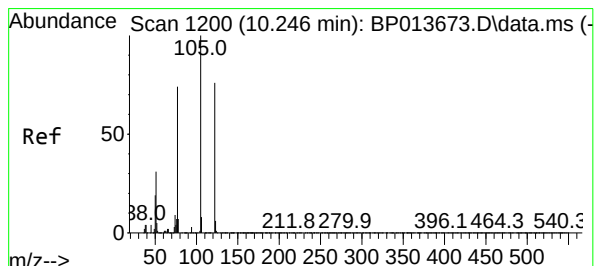
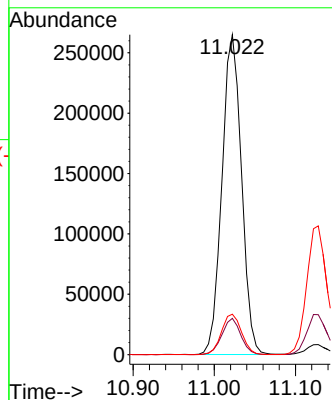
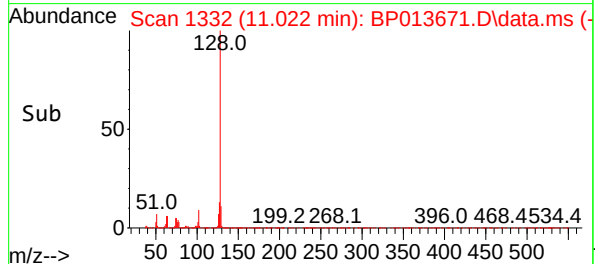
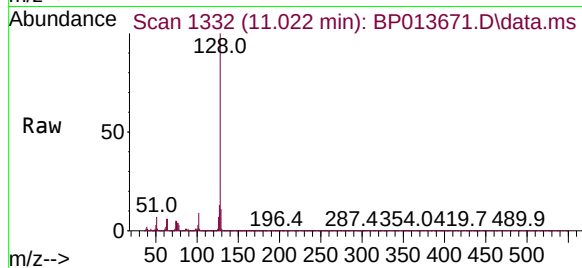
#31
Naphthalene
Concen: 9.886 ng
RT: 11.022 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 443242
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 12.6 10.5 15.7

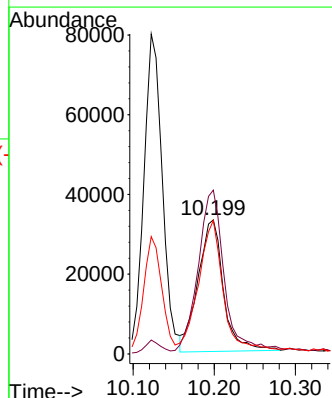
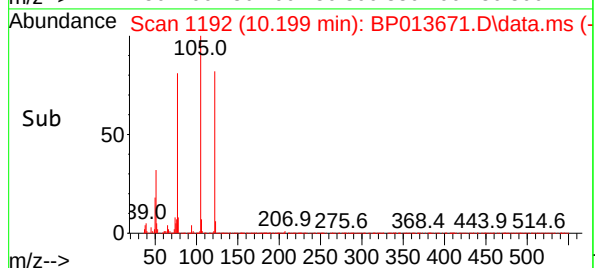
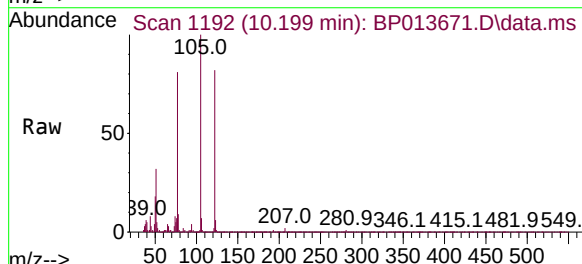
Manual Integrations
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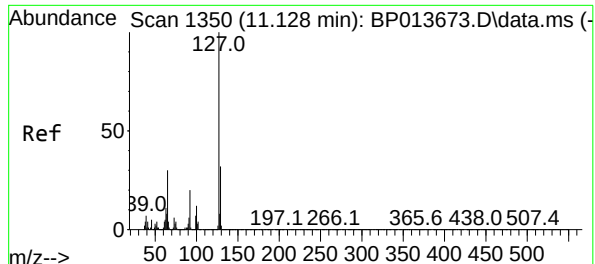
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#32
Benzoic acid
Concen: 7.422 ng
RT: 10.199 min Scan# 1192
Delta R.T. -0.047 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

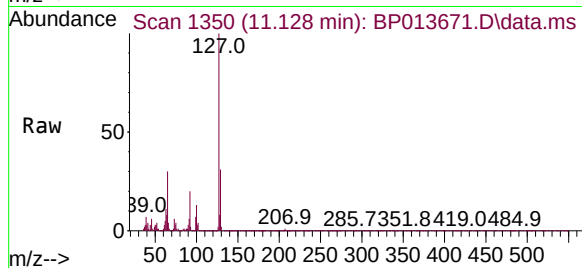
Tgt Ion:122 Resp: 72345
Ion Ratio Lower Upper
122 100
105 122.3 105.5 145.5
77 99.5 74.7 114.7





#33
4-Chloroaniline
Concen: 9.641 ng
RT: 11.128 min Scan# 1350
Delta R.T. 0.000 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

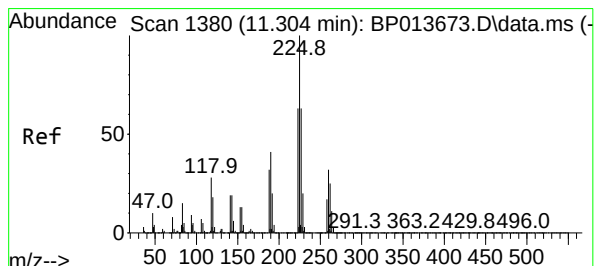
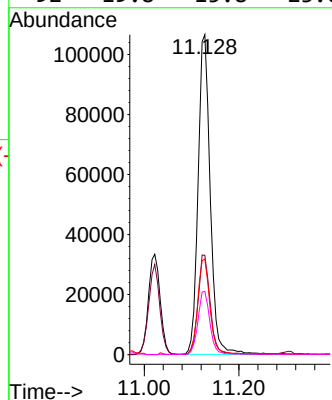
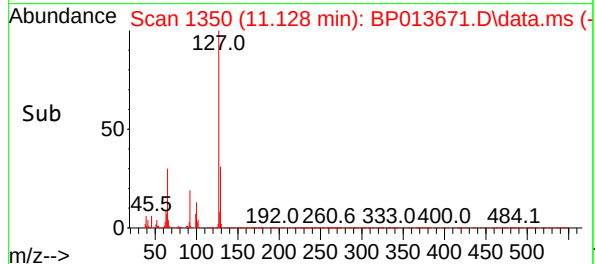
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:127 Resp: 18992
Ion Ratio Lower Upper
127 100
129 31.0 25.3 37.9
65 29.9 23.8 35.8
92 19.8 15.8 23.6

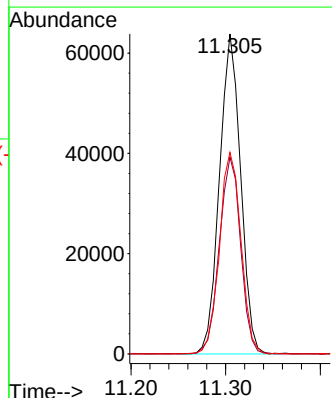
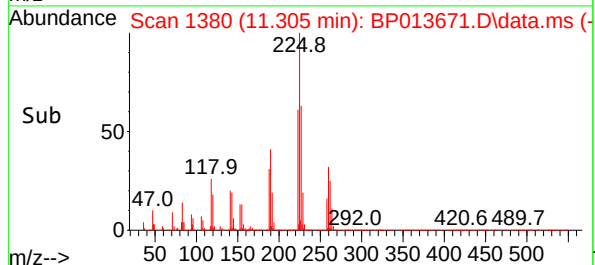
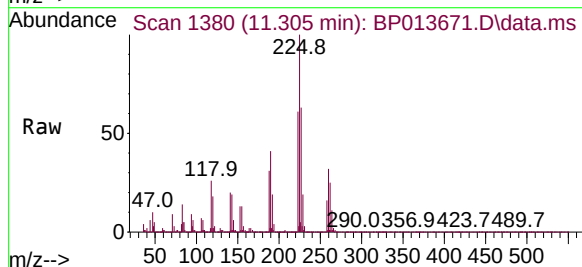
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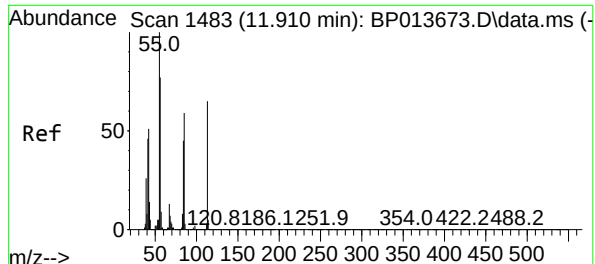
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#34
Hexachlorobutadiene
Concen: 9.846 ng
RT: 11.305 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

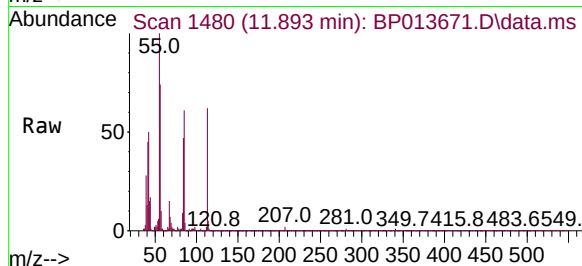
Tgt Ion:225 Resp: 98972
Ion Ratio Lower Upper
225 100
223 61.5 50.5 75.7
227 63.0 50.6 75.8





#35
Caprolactam
Concen: 9.068 ng m
RT: 11.893 min Scan# 1483
Delta R.T. -0.017 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

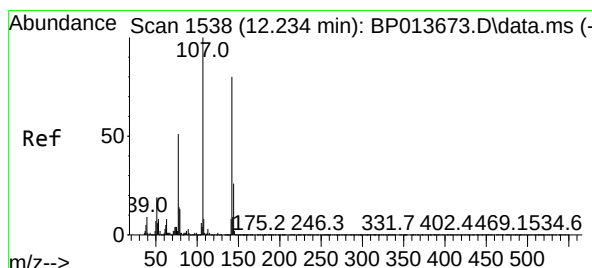
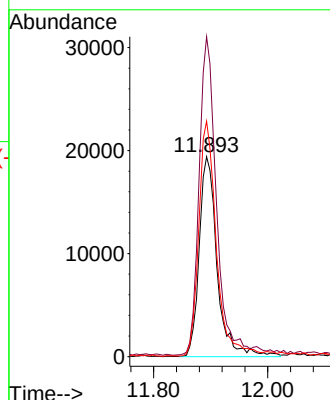
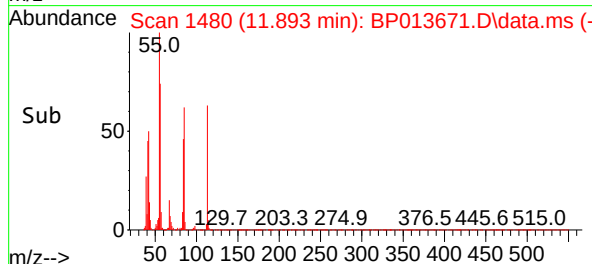
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:113 Resp: 42335
Ion Ratio Lower Upper
113 100
55 160.1 133.0 173.0
56 117.8 97.4 137.4

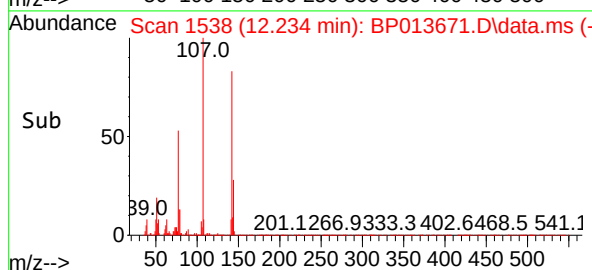
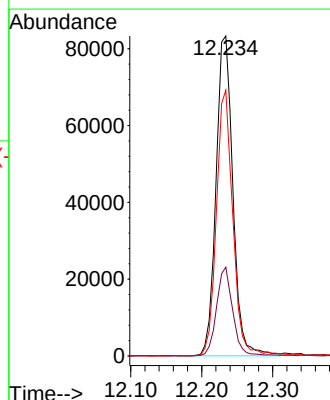
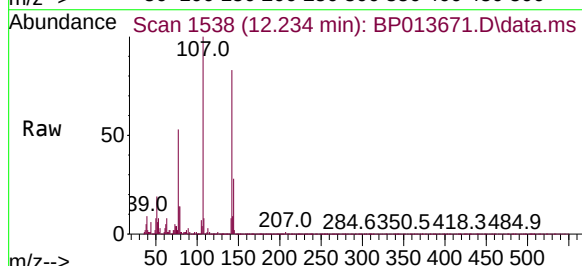
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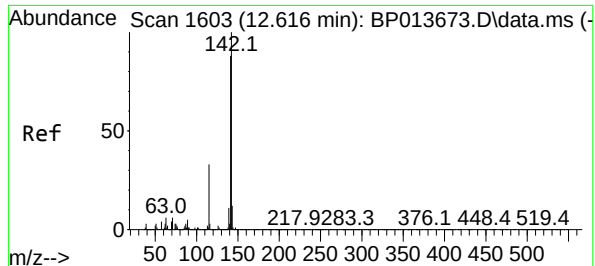
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#36
4-Chloro-3-methylphenol
Concen: 9.209 ng
RT: 12.234 min Scan# 1538
Delta R.T. 0.000 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

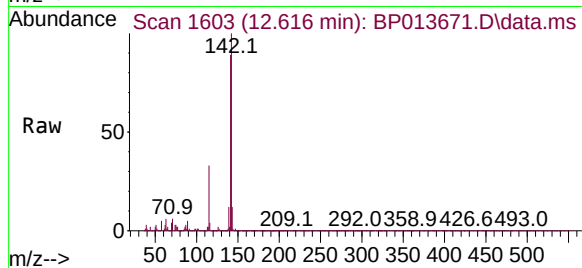
Tgt Ion:107 Resp: 138247
Ion Ratio Lower Upper
107 100
144 27.7 20.8 31.2
142 83.0 64.0 96.0





#37
2-Methylnaphthalene
Concen: 9.638 ng
RT: 12.616 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

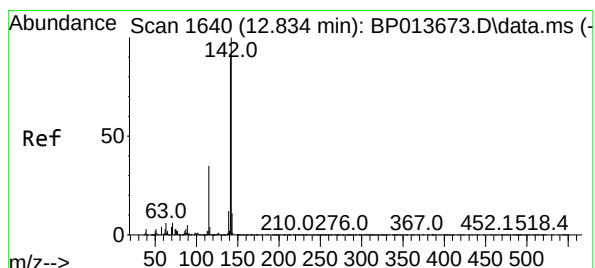
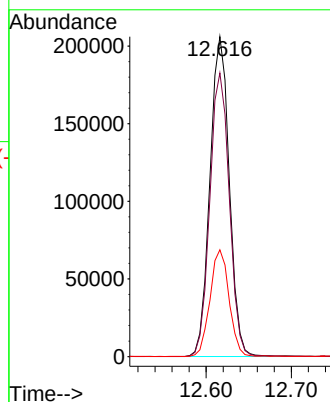
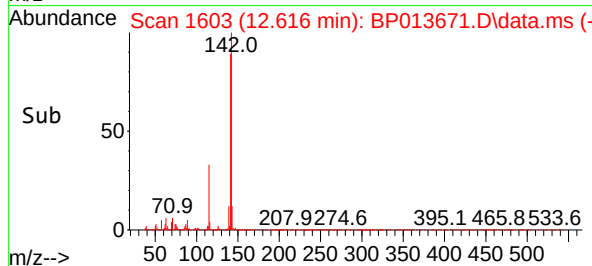
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:142 Resp: 324906
Ion Ratio Lower Upper
142 100
141 88.6 70.3 105.5
115 33.4 26.4 39.6

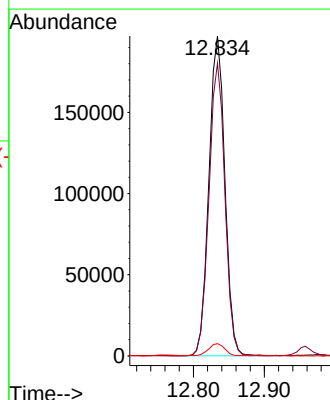
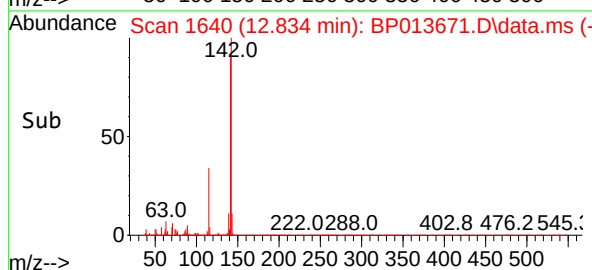
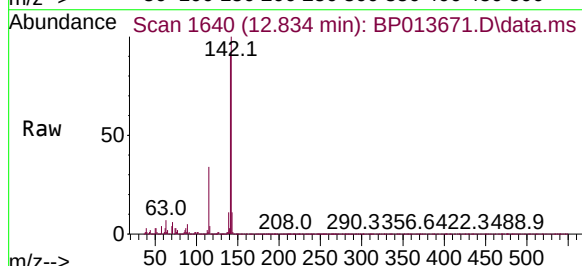
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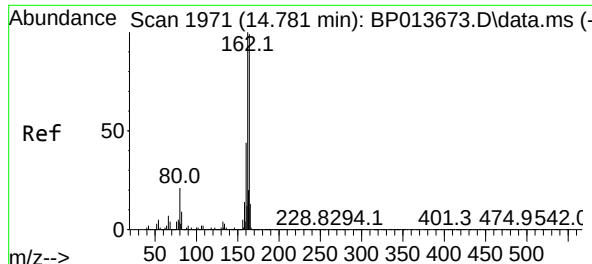
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#38
1-Methylnaphthalene
Concen: 9.730 ng
RT: 12.834 min Scan# 1640
Delta R.T. 0.000 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

Tgt Ion:142 Resp: 308134
Ion Ratio Lower Upper
142 100
141 91.5 72.2 108.4
116 3.8 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.781 min Scan# 1971

Delta R.T. 0.000 min

Lab File: BP013671.D

Acq: 31 Jan 2023 12:30

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:164 Resp: 571169

Ion Ratio Lower Upper

164 100

162 99.3 80.8 121.2

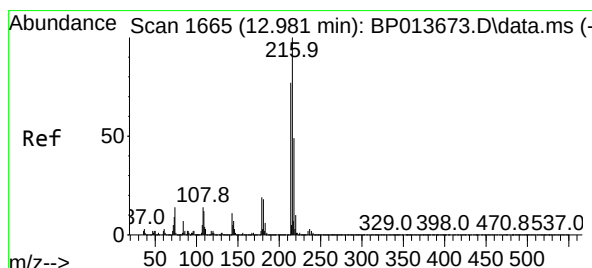
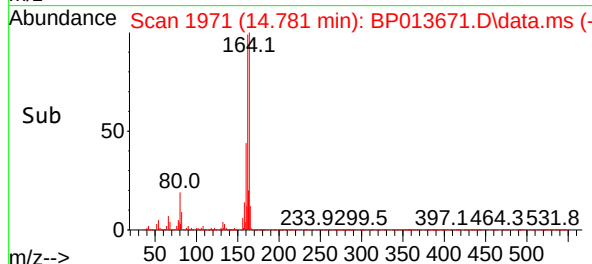
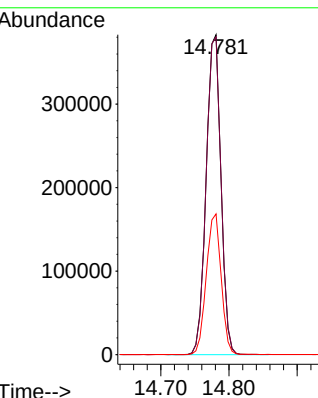
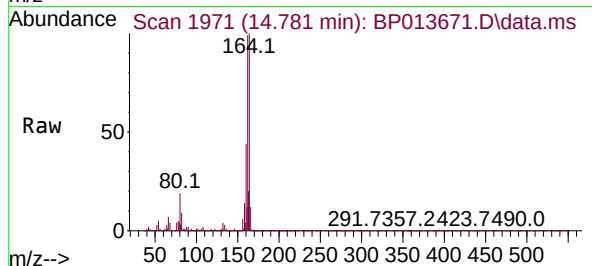
160 44.0 35.6 53.4

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Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.545 ng

RT: 12.975 min Scan# 1664

Delta R.T. -0.006 min

Lab File: BP013671.D

Acq: 31 Jan 2023 12:30

Tgt Ion:216 Resp: 186132

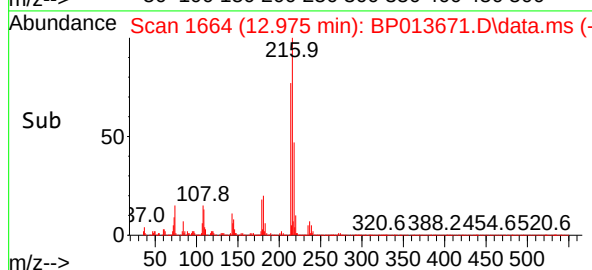
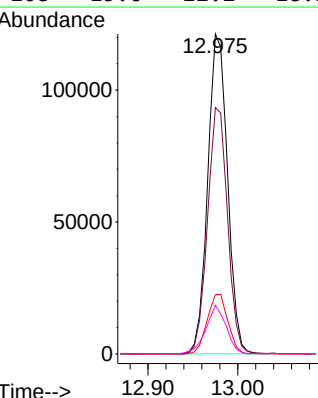
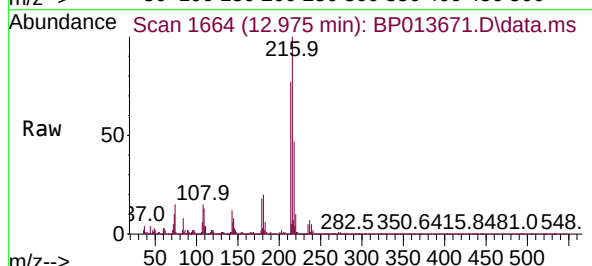
Ion Ratio Lower Upper

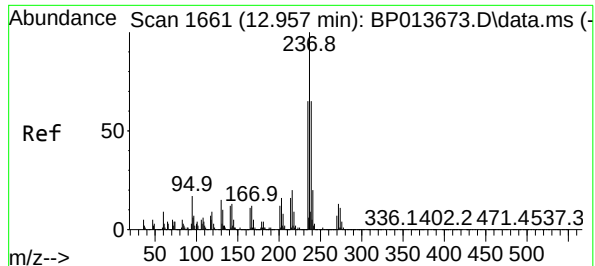
216 100

214 77.8 62.6 94.0

179 19.5 15.2 22.8

108 15.6 12.2 18.2





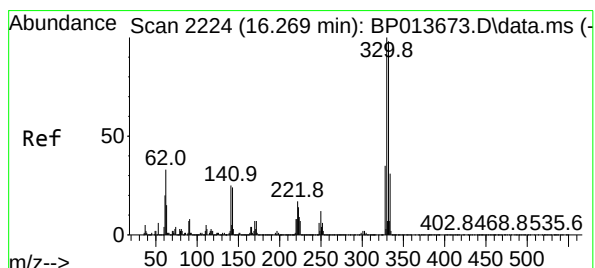
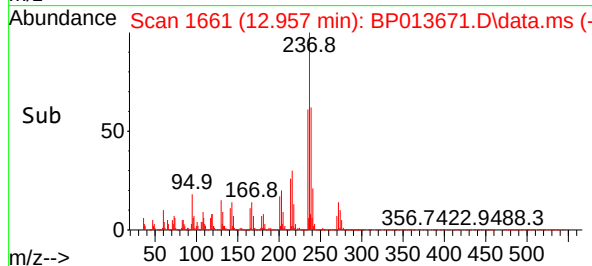
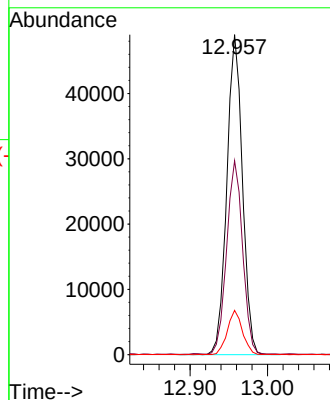
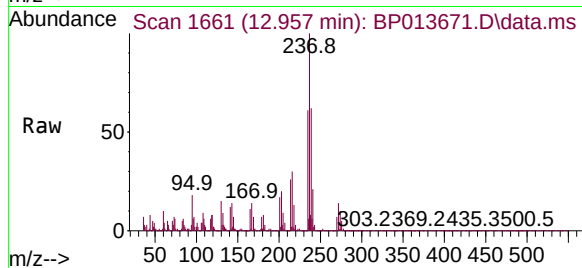
#41
Hexachlorocyclopentadiene
Concen: 7.705 ng
RT: 12.957 min Scan# 1661
Delta R.T. 0.000 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 237 Resp: 68575
Ion Ratio Lower Upper
237 100
235 60.6 44.6 84.6
272 13.8 0.0 33.2

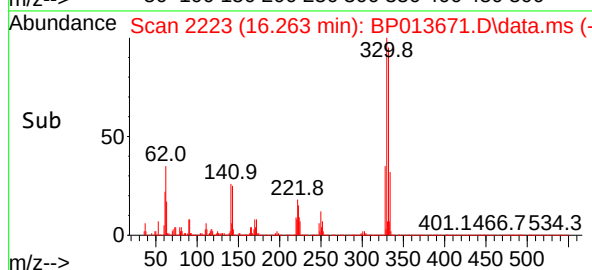
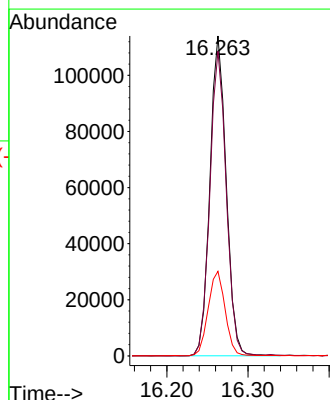
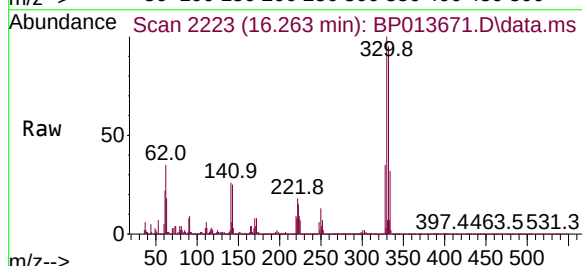
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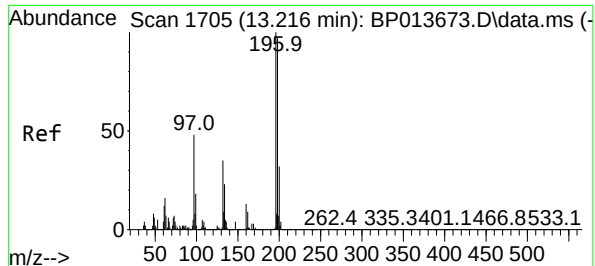
Reviewed By : Christian Giraldo 02/01/2023
Supervised By : Jagrut Upadhyay 02/01/2023



#42
2,4,6-Tribromophenol
Concen: 18.620 ng
RT: 16.263 min Scan# 2223
Delta R.T. -0.006 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

Tgt Ion: 330 Resp: 159516
Ion Ratio Lower Upper
330 100
332 95.6 77.4 116.2
141 27.5 21.3 31.9





#43

2,4,6-Trichlorophenol

Concen: 9.117 ng

RT: 13.216 min Scan# 1705

Delta R.T. 0.000 min

Lab File: BP013671.D

Acq: 31 Jan 2023 12:30

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:196 Resp: 117066

Ion Ratio Lower Upper

196 100

198 95.9 77.5 116.3

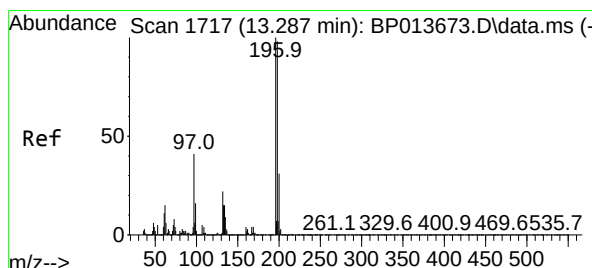
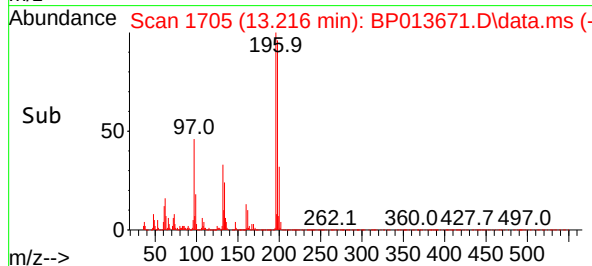
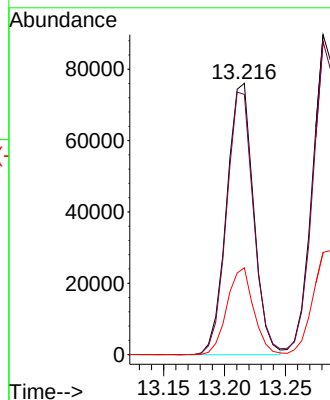
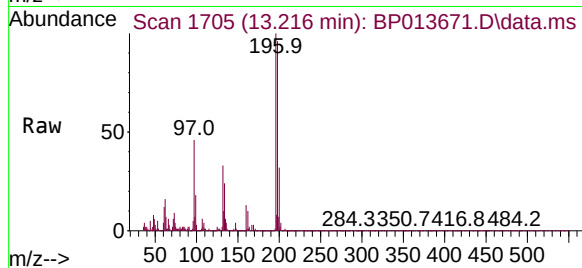
200 32.0 25.3 37.9

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Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#44

2,4,5-Trichlorophenol

Concen: 9.037 ng

RT: 13.281 min Scan# 1716

Delta R.T. -0.006 min

Lab File: BP013671.D

Acq: 31 Jan 2023 12:30

Tgt Ion:196 Resp: 135865

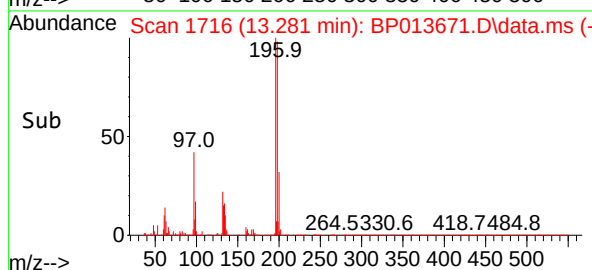
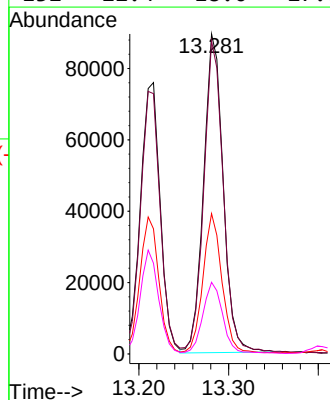
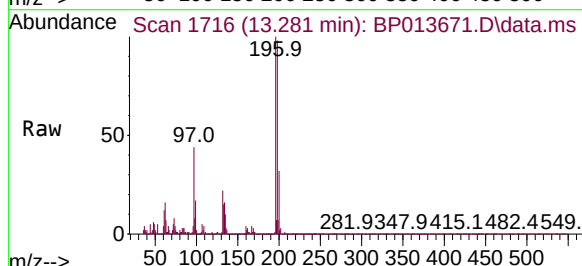
Ion Ratio Lower Upper

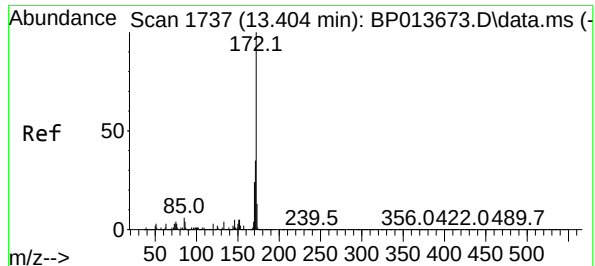
196 100

198 97.8 78.2 117.2

97 43.8 33.2 49.8

132 22.4 18.0 27.0





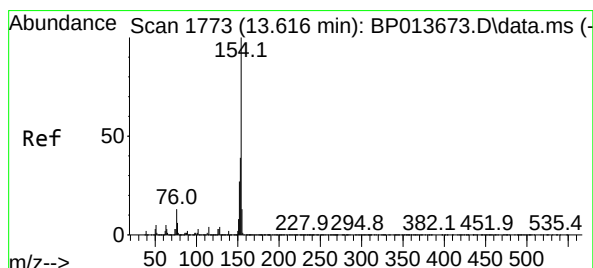
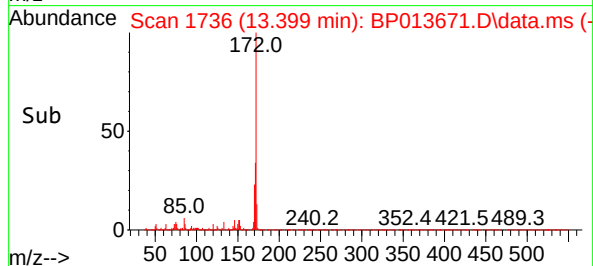
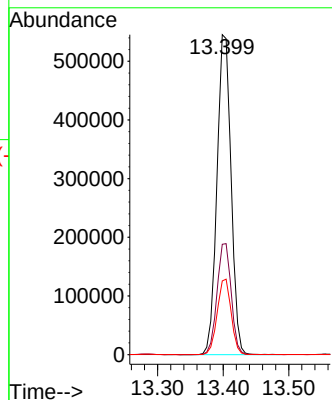
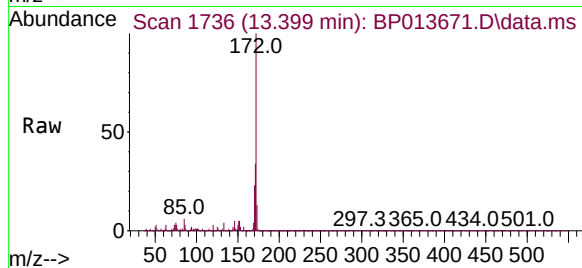
#45
2-Fluorobiphenyl
Concen: 19.989 ng
RT: 13.399 min Scan# 1736
Delta R.T. -0.005 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:172 Resp: 815926
Ion Ratio Lower Upper
172 100
171 34.5 28.2 42.2
170 23.0 19.0 28.4

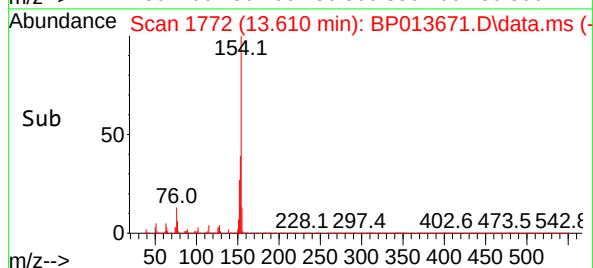
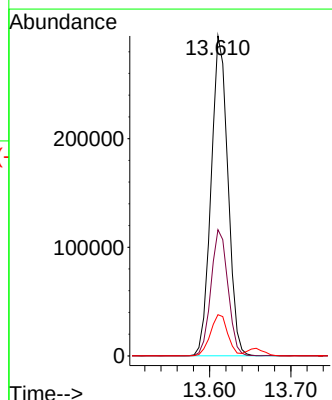
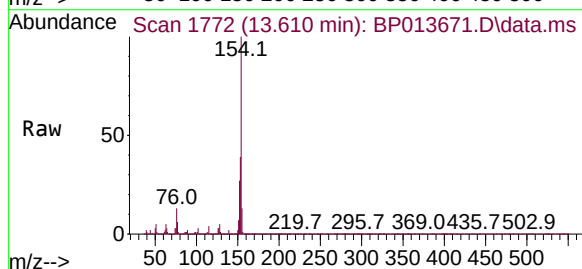
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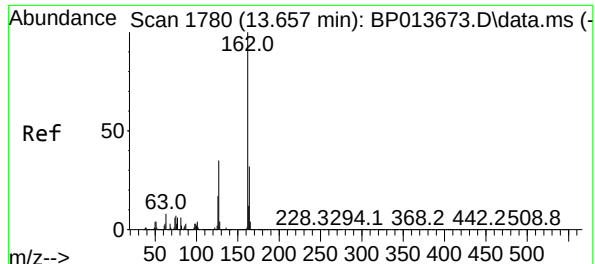
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#46
1,1'-Biphenyl
Concen: 9.817 ng
RT: 13.610 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

Tgt Ion:154 Resp: 424307
Ion Ratio Lower Upper
154 100
153 39.4 19.3 59.3
76 12.9 0.0 33.1





#47

2-Chloronaphthalene

Concen: 9.769 ng

RT: 13.657 min Scan# 1780

Delta R.T. 0.000 min

Lab File: BP013671.D

Acq: 31 Jan 2023 12:30

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:162 Resp: 326378

Ion Ratio Lower Upper

162 100

127 35.7 28.3 42.5

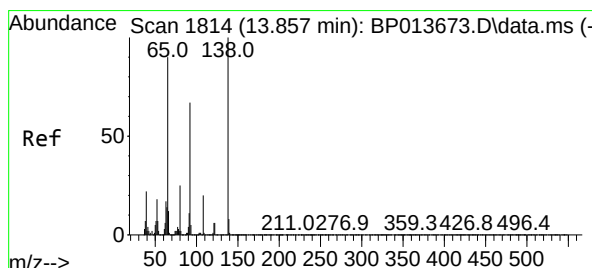
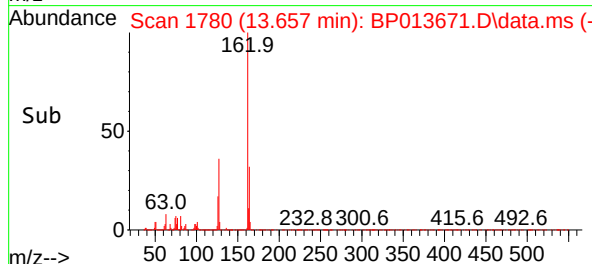
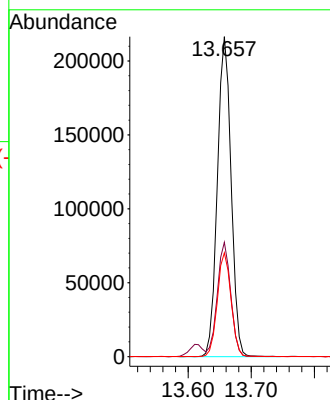
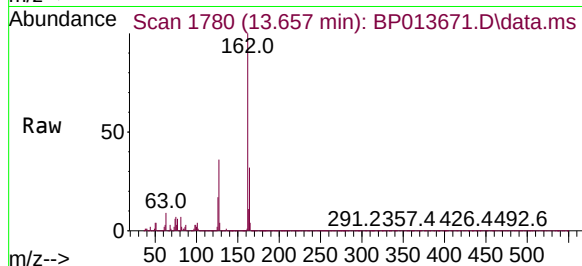
164 32.4 25.9 38.9

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APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#48

2-Nitroaniline

Concen: 7.167 ng

RT: 13.857 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BP013671.D

Acq: 31 Jan 2023 12:30

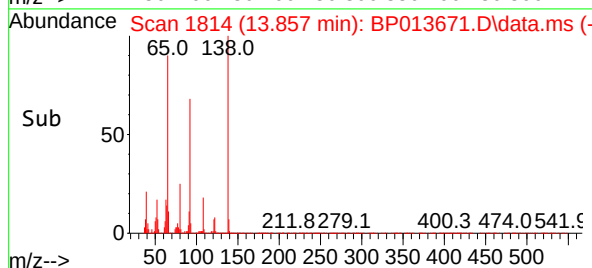
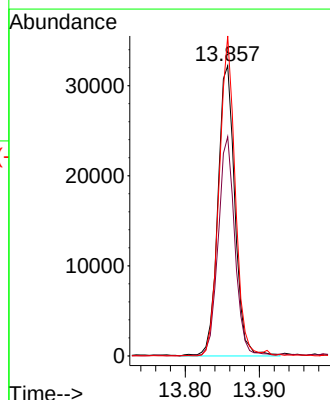
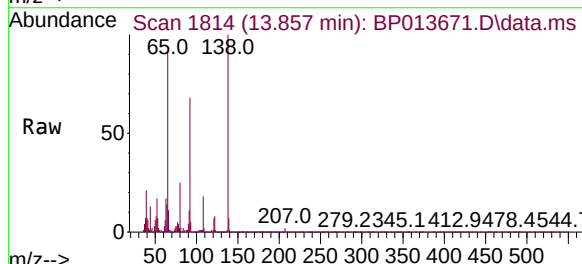
Tgt Ion: 65 Resp: 51168

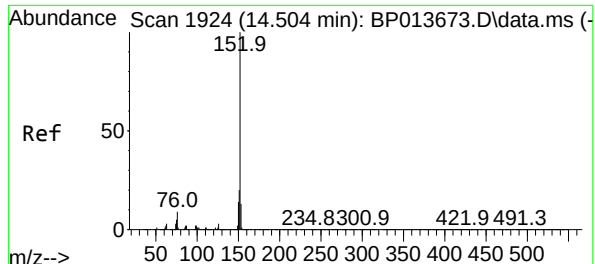
Ion Ratio Lower Upper

65 100

92 75.5 59.4 89.0

138 110.3 88.6 133.0





#49

Acenaphthylene

Concen: 9.622 ng

RT: 14.498 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BP013671.D

Acq: 31 Jan 2023 12:30

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

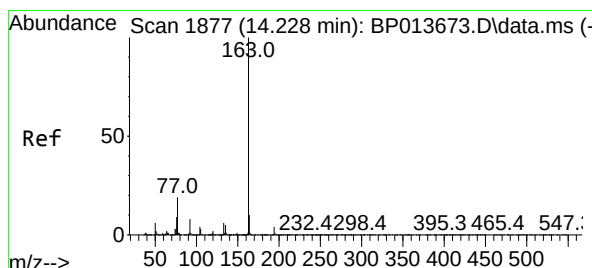
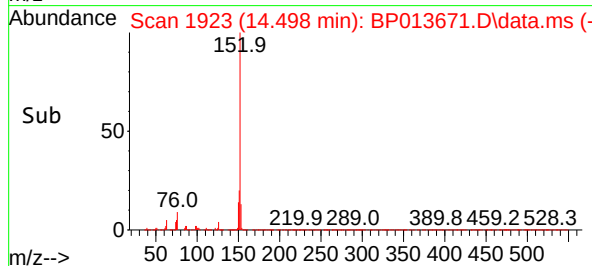
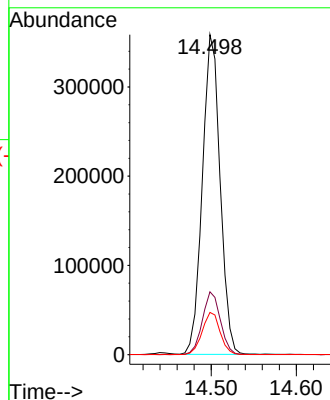
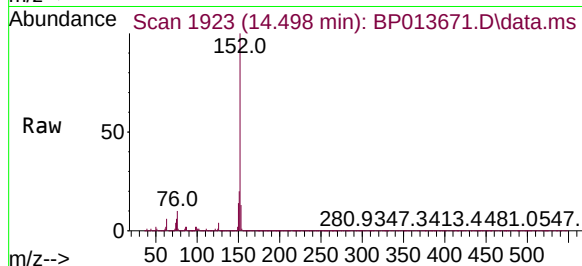
Tgt Ion:	152	Resp:	518399
Ion Ratio	Lower	Upper	
152	100		
151	19.6	15.8	23.6
153	13.2	10.4	15.6

Manual Integrations

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Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#50

Dimethylphthalate

Concen: 9.582 ng

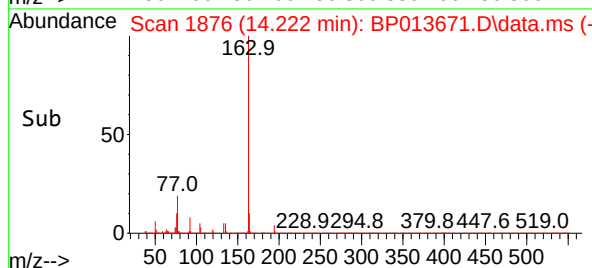
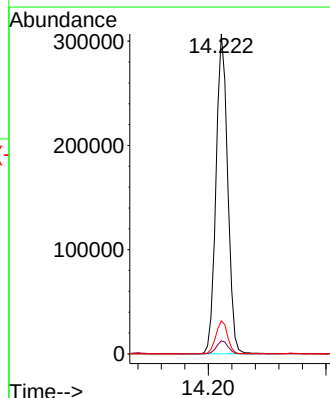
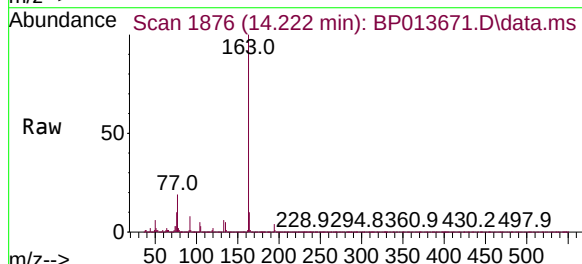
RT: 14.222 min Scan# 1876

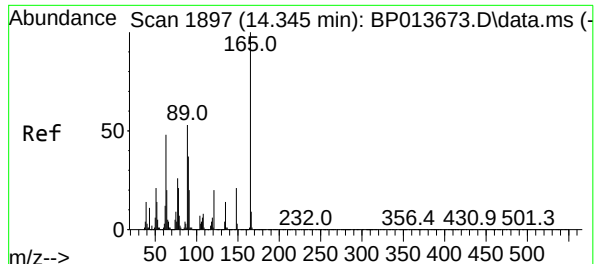
Delta R.T. -0.006 min

Lab File: BP013671.D

Acq: 31 Jan 2023 12:30

Tgt Ion:	163	Resp:	423297
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.5	5.3
164	10.3	8.4	12.6





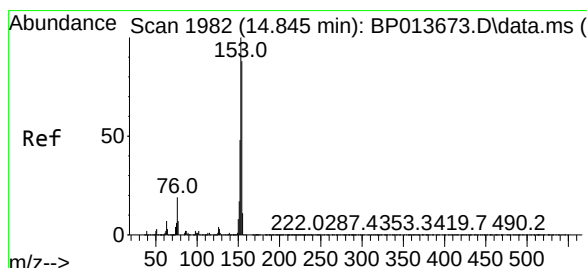
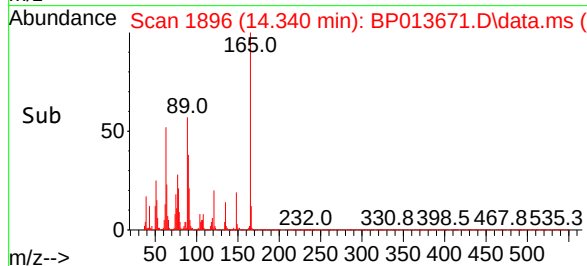
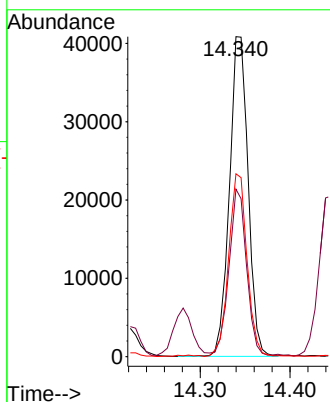
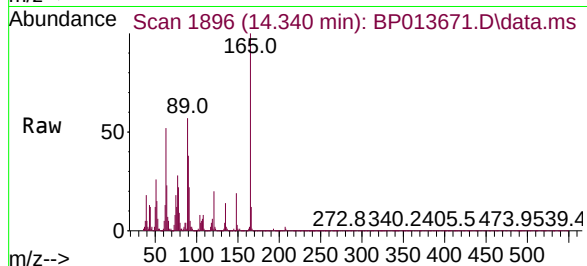
#51
2,6-Dinitrotoluene
Concen: 7.511 ng
RT: 14.340 min Scan# 1897
Delta R.T. -0.005 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

Instrument :
BNA_P
Client Sample Id :
SSTDICC010

Tgt Ion:165 Resp: 59303
Ion Ratio Lower Upper
165 100
63 52.3 39.8 59.6
89 57.1 42.4 63.6

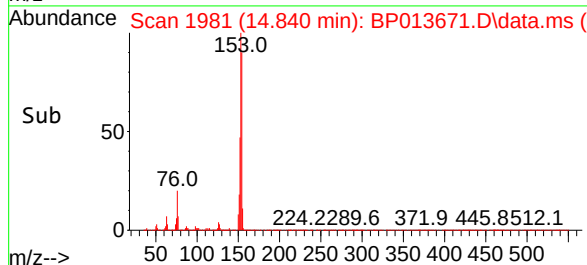
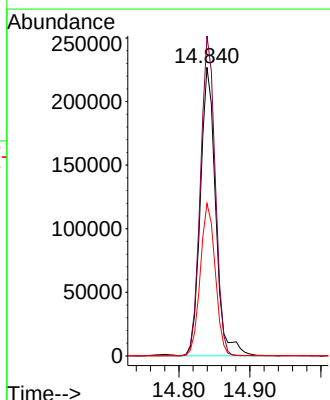
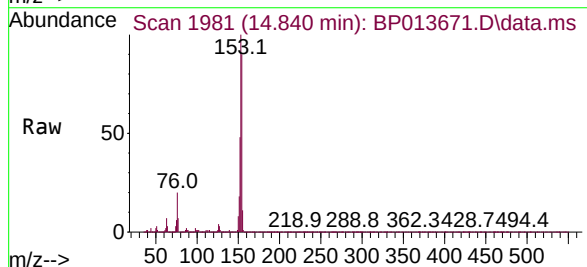
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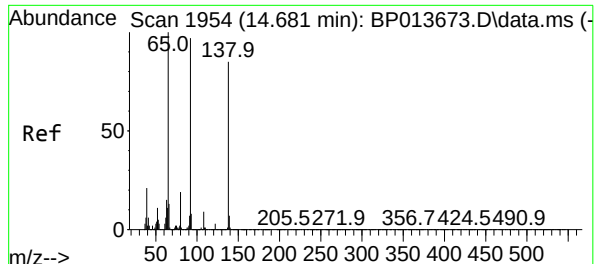
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#52
Acenaphthene
Concen: 10.061 ng
RT: 14.840 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

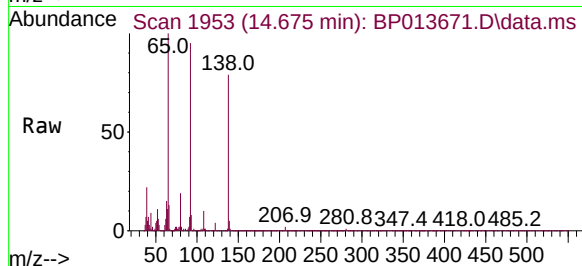
Tgt Ion:154 Resp: 338118
Ion Ratio Lower Upper
154 100
153 110.9 90.6 135.8
152 52.8 43.4 65.0





#53
3-Nitroaniline
Concen: 8.184 ng
RT: 14.675 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

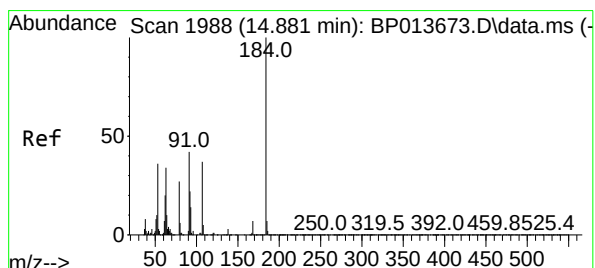
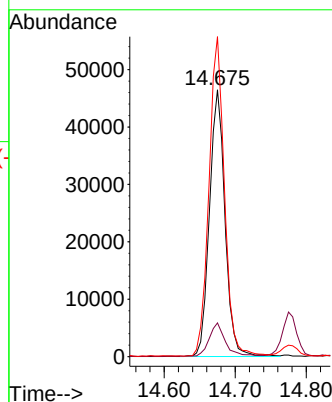
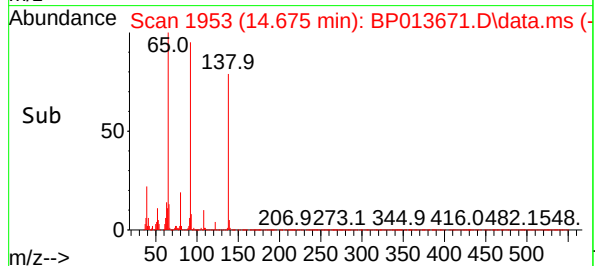
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:138 Resp: 7047
Ion Ratio Lower Upper
138 100
108 12.6 8.5 12.7
92 119.9 91.5 137.3

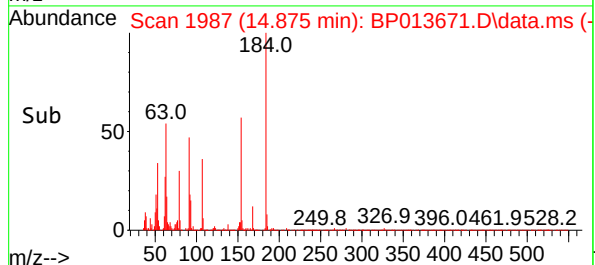
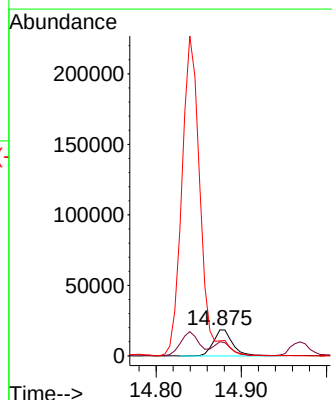
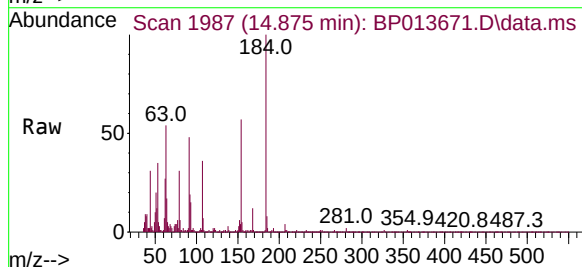
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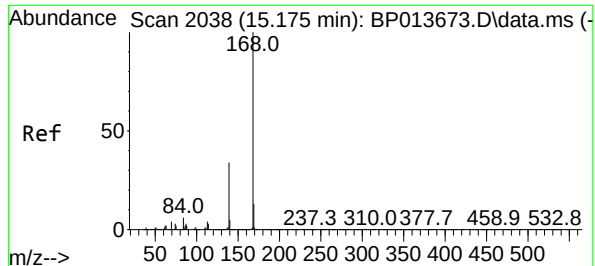
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#54
2,4-Dinitrophenol
Concen: 6.043 ng
RT: 14.875 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

Tgt Ion:184 Resp: 29040
Ion Ratio Lower Upper
184 100
63 54.2 41.4 62.0
154 57.4 44.3 66.5





#55

Dibenzofuran

Concen: 10.052 ng

RT: 15.175 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BP013671.D

Acq: 31 Jan 2023 12:30

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:168 Resp: 545650

Ion Ratio Lower Upper

168 100

139 33.1 27.4 41.2

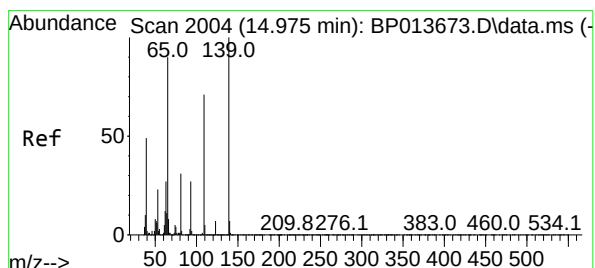
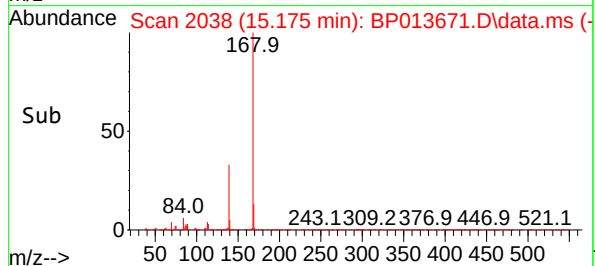
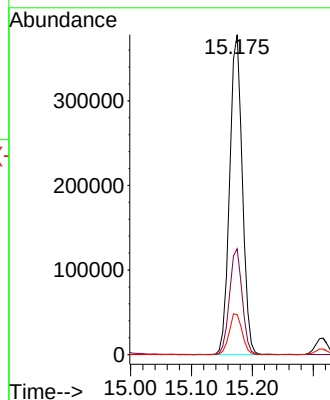
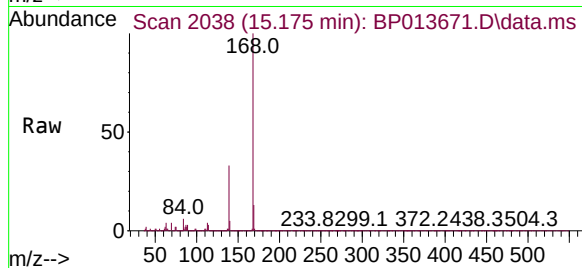
169 12.5 10.7 16.1

Manual Integrations

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Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#56

4-Nitrophenol

Concen: 7.881 ng

RT: 14.969 min Scan# 2003

Delta R.T. -0.006 min

Lab File: BP013671.D

Acq: 31 Jan 2023 12:30

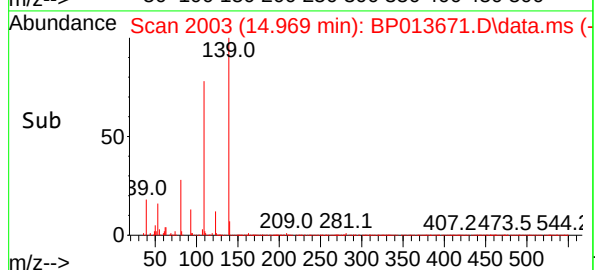
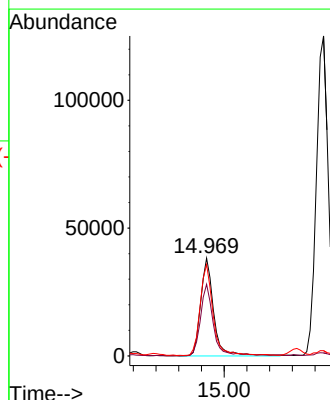
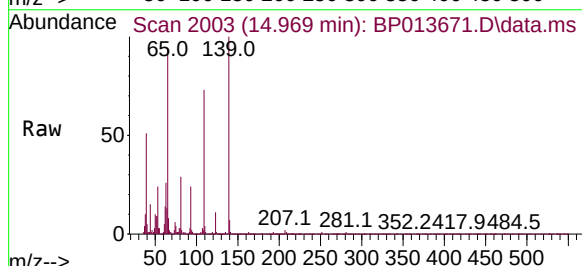
Tgt Ion:139 Resp: 60370

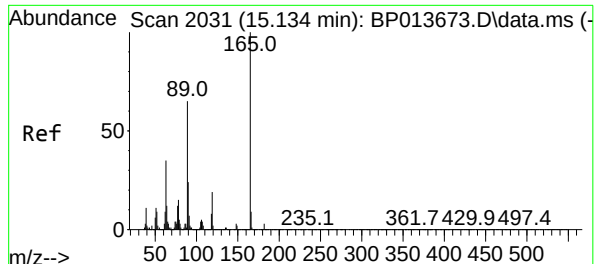
Ion Ratio Lower Upper

139 100

109 73.2 50.9 90.9

65 93.6 70.0 110.0





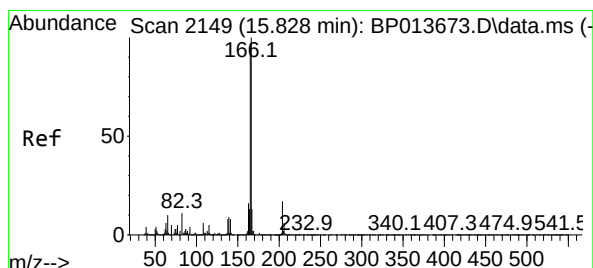
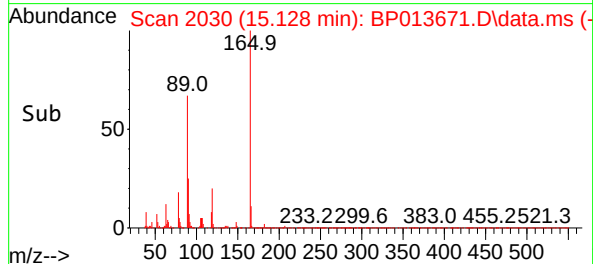
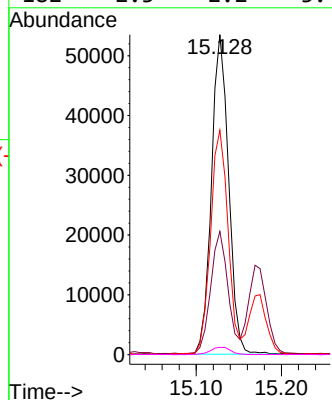
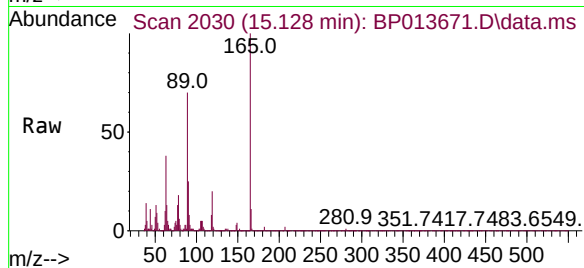
#57
2,4-Dinitrotoluene
Concen: 7.226 ng
RT: 15.128 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 7487
Ion Ratio Lower Upper
165 100
63 38.5 28.1 42.1
89 70.1 52.0 78.0
182 2.3 2.2 3.4

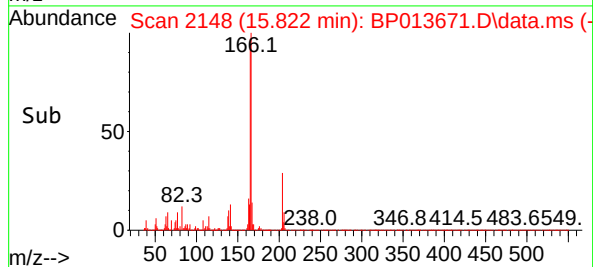
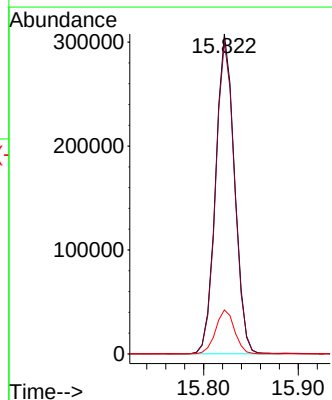
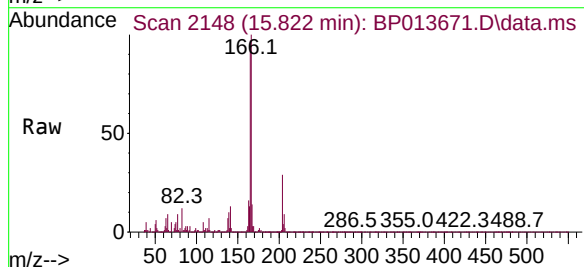
Manual Integrations
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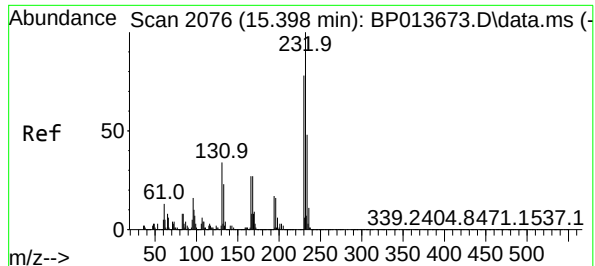
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#58
Fluorene
Concen: 9.994 ng
RT: 15.822 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

Tgt Ion:166 Resp: 425966
Ion Ratio Lower Upper
166 100
165 97.5 77.6 116.4
167 13.7 10.6 15.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 9.358 ng

RT: 15.393 min Scan# 2076

Delta R.T. -0.006 min

Lab File: BP013671.D

Acq: 31 Jan 2023 12:30

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:232 Resp: 122339

Ion Ratio Lower Upper

232 100

131 35.9 27.9 41.9

130 2.0 1.4 2.0

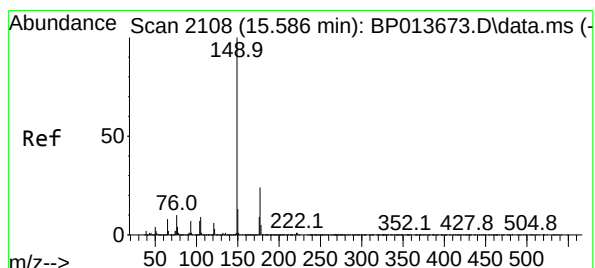
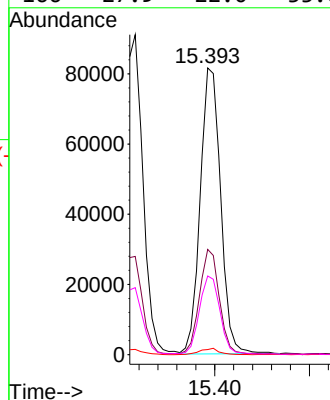
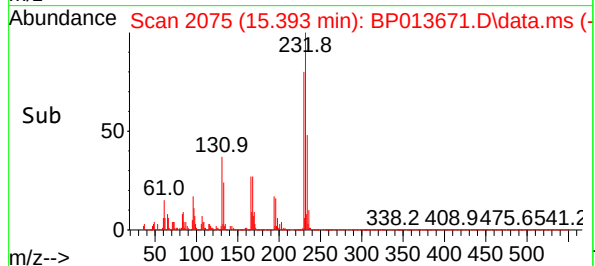
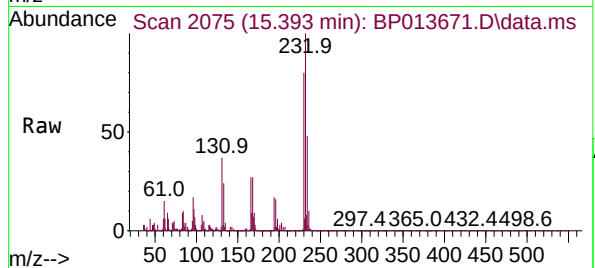
166 27.9 22.0 33.0

Manual Integrations

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Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#60

Diethylphthalate

Concen: 9.778 ng

RT: 15.581 min Scan# 2107

Delta R.T. -0.006 min

Lab File: BP013671.D

Acq: 31 Jan 2023 12:30

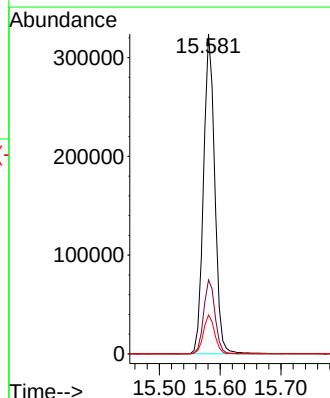
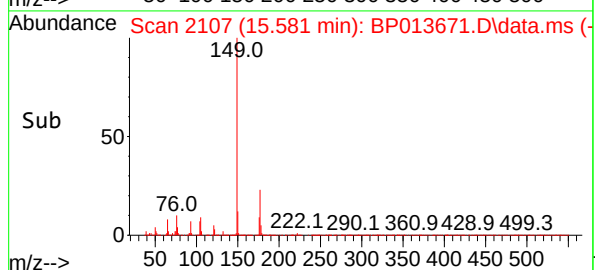
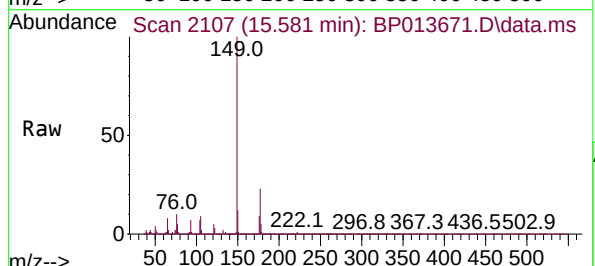
Tgt Ion:149 Resp: 414103

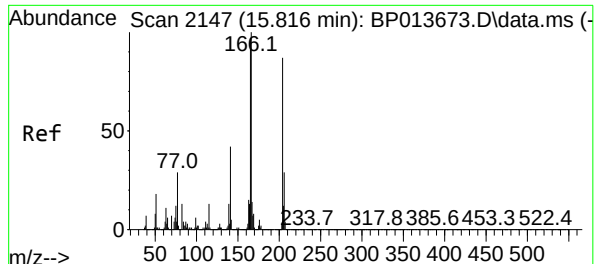
Ion Ratio Lower Upper

149 100

177 23.1 19.2 28.8

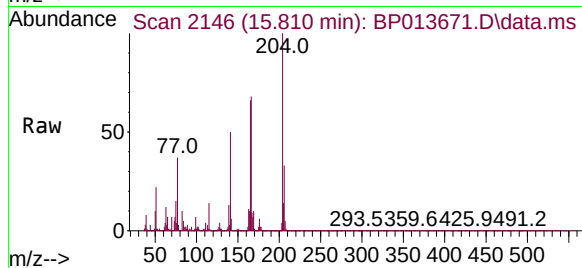
150 12.2 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 9.925 ng
RT: 15.810 min Scan# 2147
Delta R.T. -0.006 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

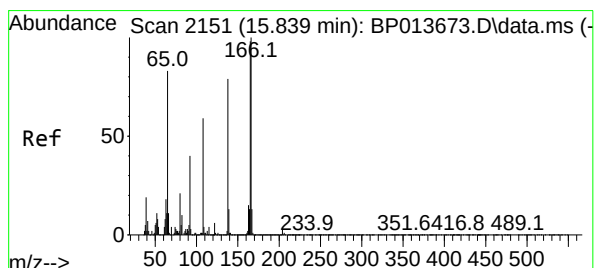
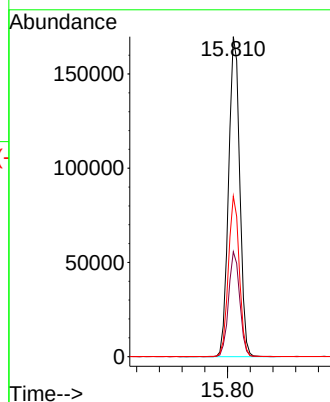
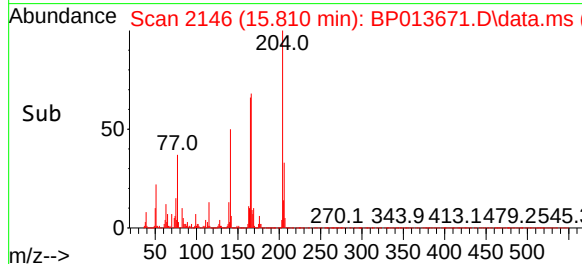
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 204 Resp: 230347
Ion Ratio Lower Upper
204 100
206 32.8 26.6 40.0
141 50.1 38.1 57.1

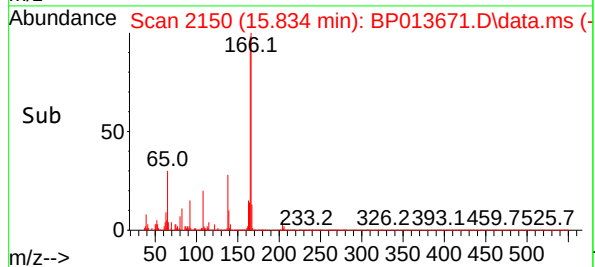
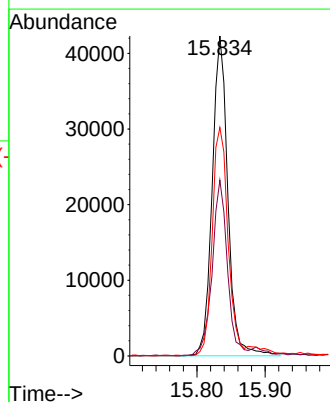
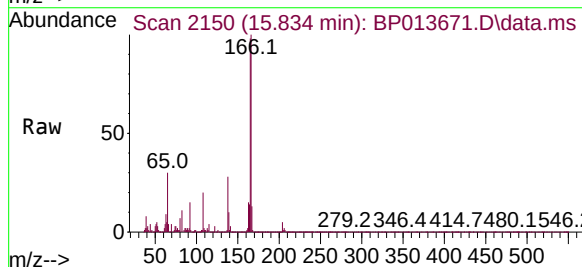
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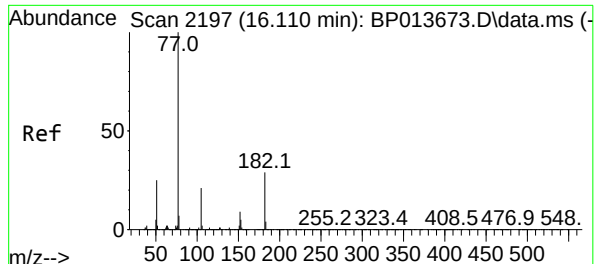
Reviewed By : Christian Giraldo 02/01/2023
Supervised By : Jagrut Upadhyay 02/01/2023



#62
4-Nitroaniline
Concen: 7.867 ng
RT: 15.834 min Scan# 2150
Delta R.T. -0.005 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

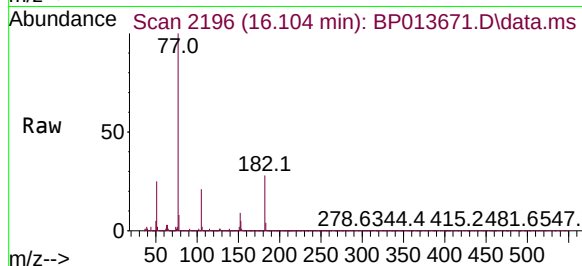
Tgt Ion: 138 Resp: 67274
Ion Ratio Lower Upper
138 100
92 54.9 30.3 70.3
108 71.4 55.4 95.4





#63
Azobenzene
Concen: 9.743 ng
RT: 16.104 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

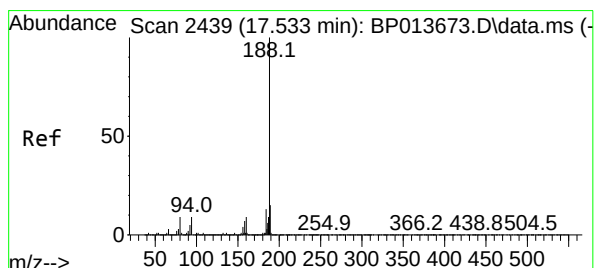
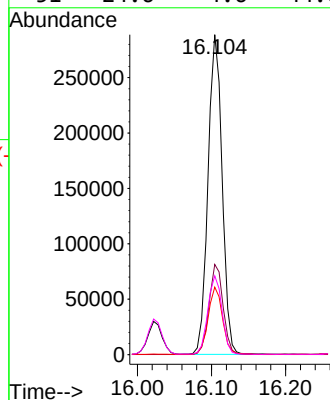
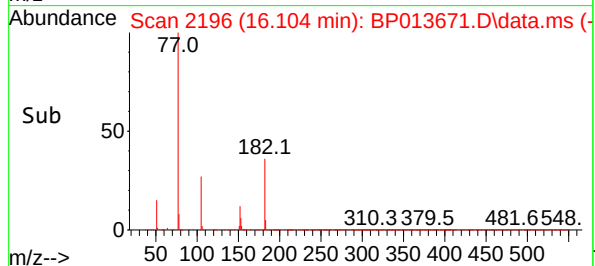
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 77 Resp: 381192
Ion Ratio Lower Upper
77 100
182 28.2 9.3 49.3
105 21.1 1.1 41.1
51 24.6 4.6 44.6

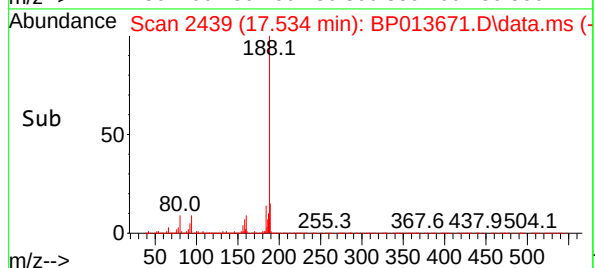
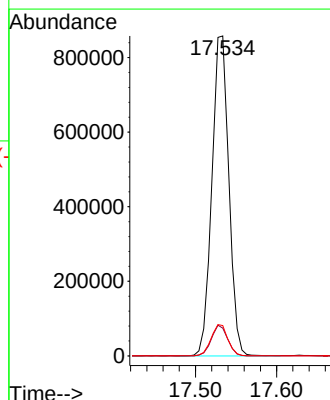
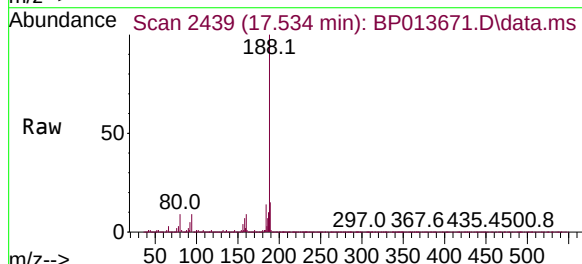
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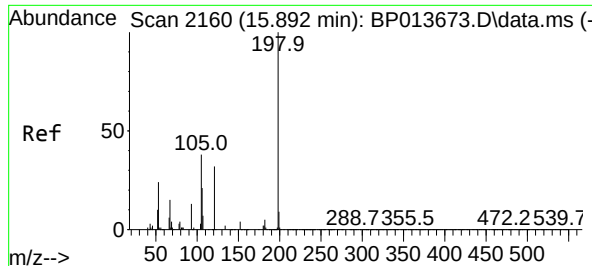
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.534 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

Tgt Ion:188 Resp: 1246996
Ion Ratio Lower Upper
188 100
94 8.7 6.9 10.3
80 9.5 7.4 11.0





#65

4,6-Dinitro-2-methylphenol

Concen: 6.604 ng

RT: 15.893 min Scan# 2160

Delta R.T. 0.001 min

Lab File: BP013671.D

Acq: 31 Jan 2023 12:30

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:198 Resp: 42920

Ion Ratio Lower Upper

198 100

51 35.1 15.4 55.4

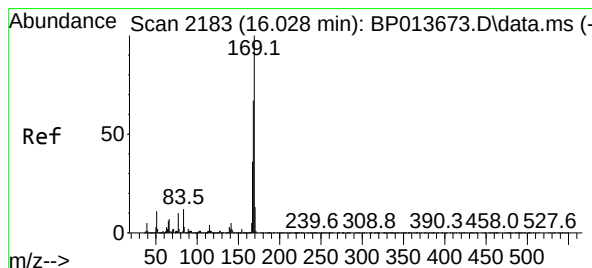
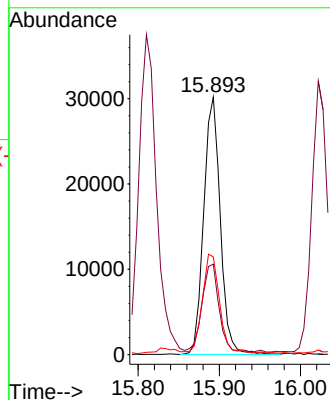
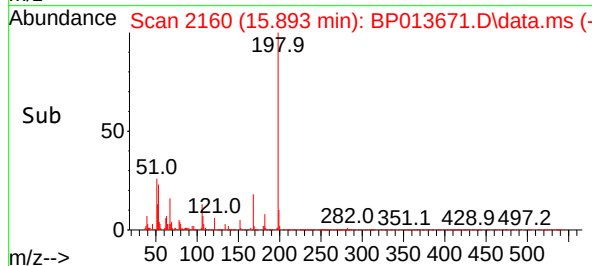
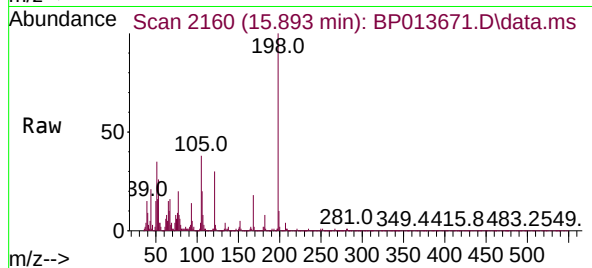
105 37.9 18.3 58.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#66

n-Nitrosodiphenylamine

Concen: 10.344 ng

RT: 16.022 min Scan# 2182

Delta R.T. -0.006 min

Lab File: BP013671.D

Acq: 31 Jan 2023 12:30

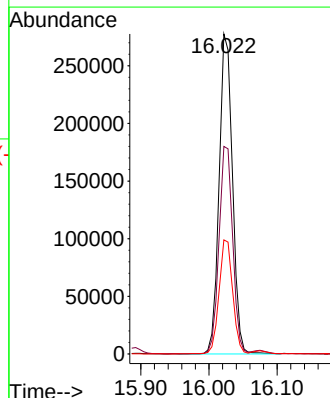
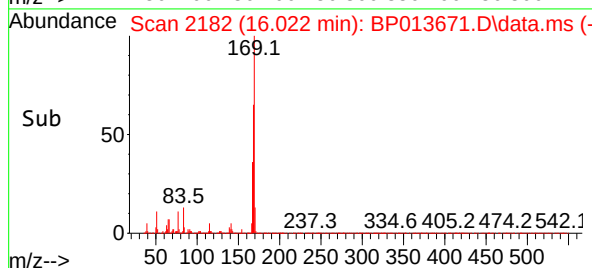
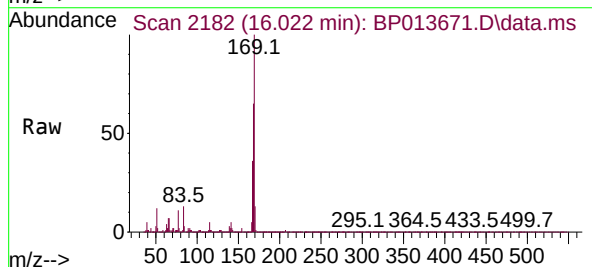
Tgt Ion:169 Resp: 375322

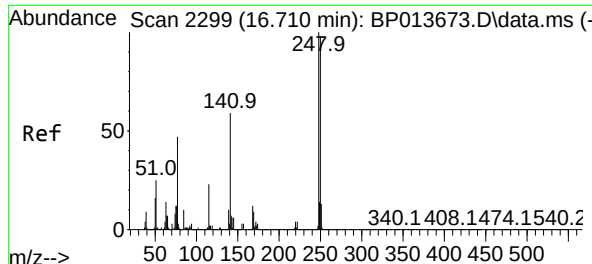
Ion Ratio Lower Upper

169 100

168 64.8 53.8 80.6

167 35.6 28.9 43.3





#67

4-Bromophenyl-phenylether

Concen: 9.635 ng

RT: 16.710 min Scan# 2299

Delta R.T. 0.000 min

Lab File: BP013671.D

Acq: 31 Jan 2023 12:30

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:248 Resp: 137735

Ion Ratio Lower Upper

248 100

250 97.1 78.2 117.2

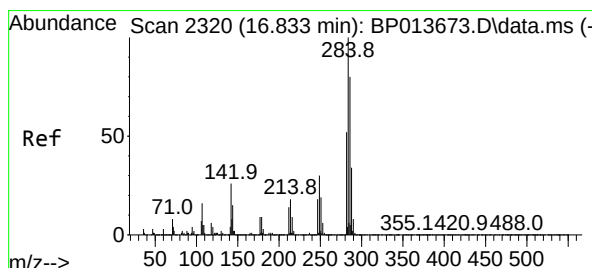
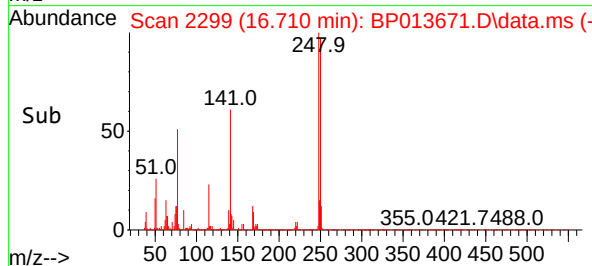
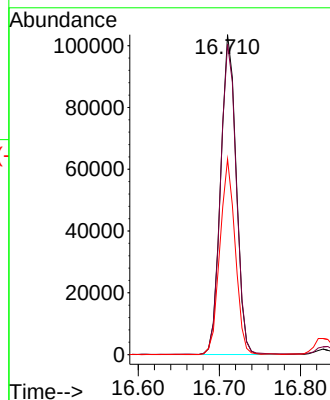
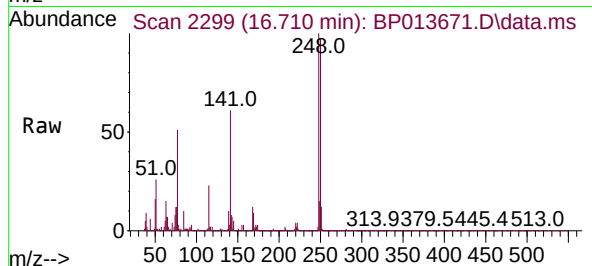
141 61.1 46.8 70.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#68

Hexachlorobenzene

Concen: 9.734 ng

RT: 16.828 min Scan# 2319

Delta R.T. -0.005 min

Lab File: BP013671.D

Acq: 31 Jan 2023 12:30

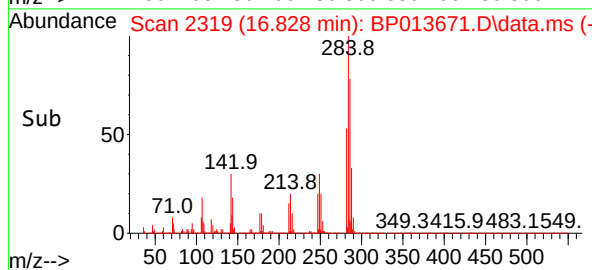
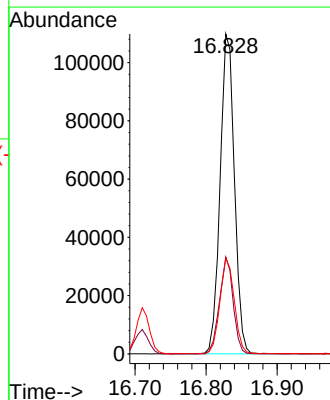
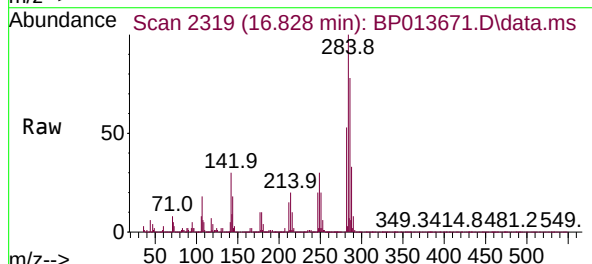
Tgt Ion:284 Resp: 154076

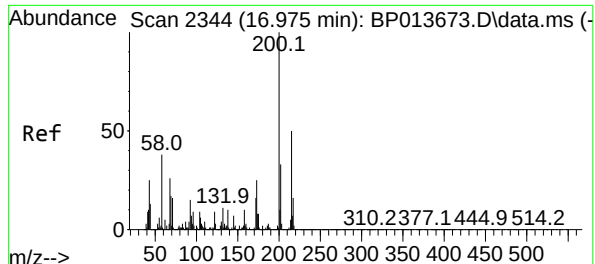
Ion Ratio Lower Upper

284 100

142 30.3 20.6 31.0

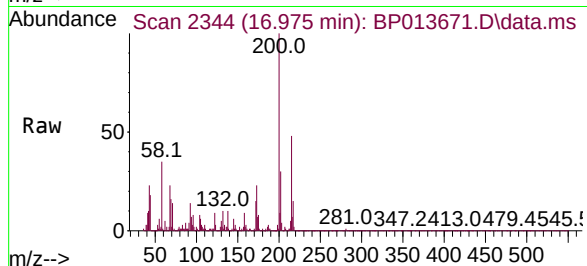
249 30.0 23.9 35.9





#69
Atrazine
Concen: 9.930 ng
RT: 16.975 min Scan# 2344
Delta R.T. 0.000 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

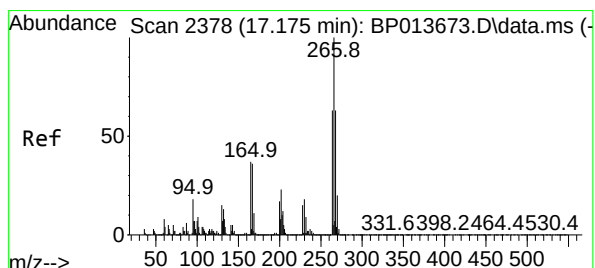
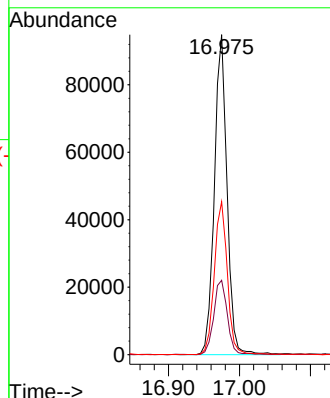
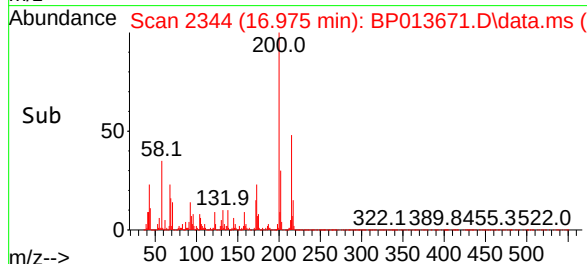
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:200 Resp: 117238
Ion Ratio Lower Upper
200 100
173 23.2 5.2 45.2
215 47.8 29.8 69.8

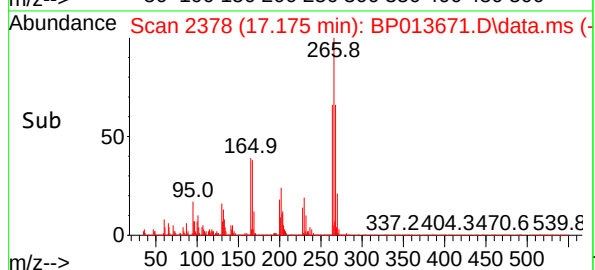
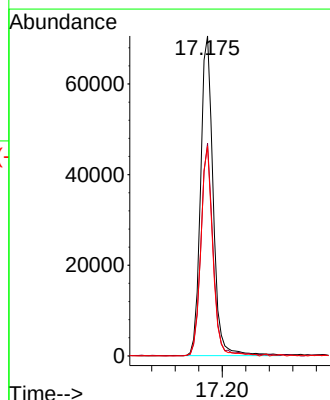
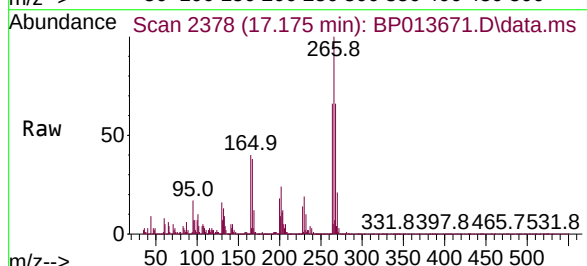
Manual Integrations
APPROVED

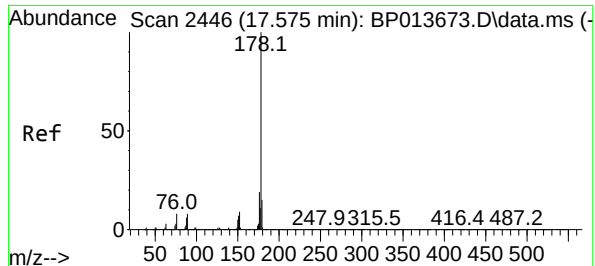
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#70
Pentachlorophenol
Concen: 8.947 ng
RT: 17.175 min Scan# 2378
Delta R.T. 0.000 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

Tgt Ion:266 Resp: 104471
Ion Ratio Lower Upper
266 100
268 66.4 50.7 76.1
264 65.6 50.5 75.7





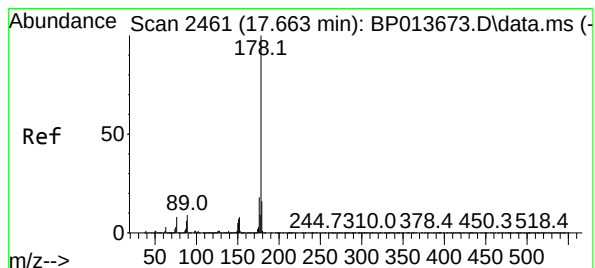
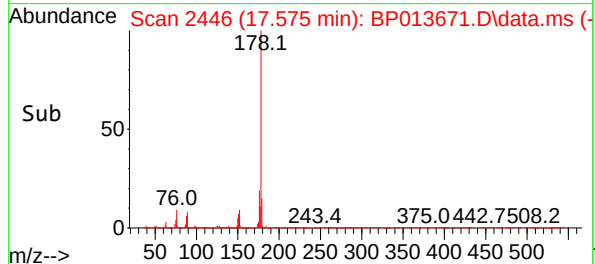
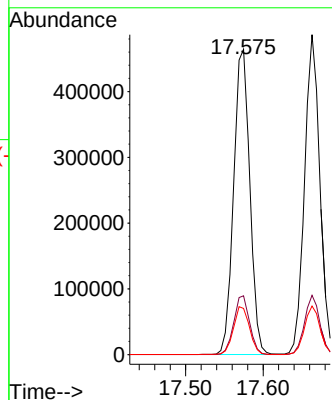
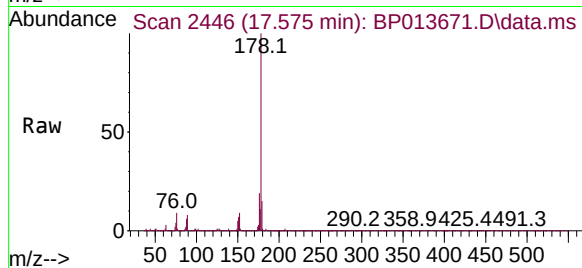
#71
Phenanthrene
Concen: 10.073 ng
RT: 17.575 min Scan# 2446
Delta R.T. 0.000 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 673259
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.1 12.2 18.2

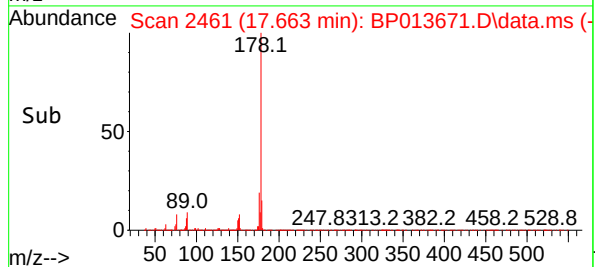
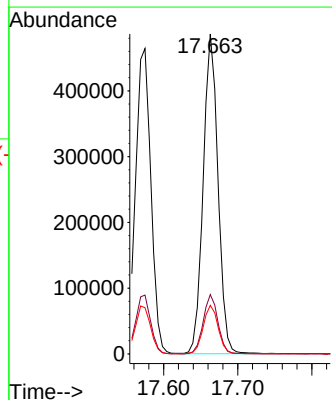
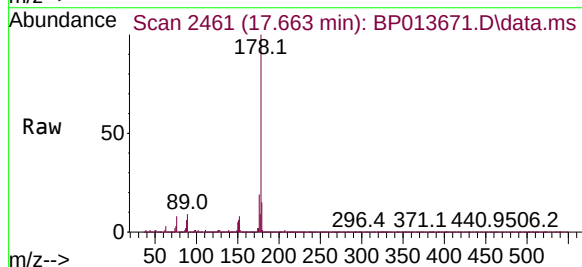
Manual Integrations
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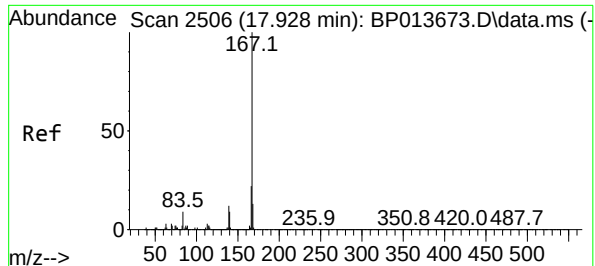
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#72
Anthracene
Concen: 9.975 ng
RT: 17.663 min Scan# 2461
Delta R.T. 0.000 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

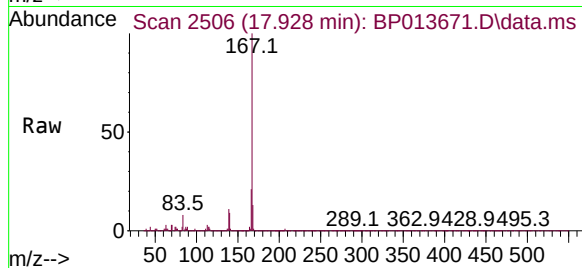
Tgt Ion:178 Resp: 673127
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.2 12.4 18.6





#73
Carbazole
Concen: 10.195 ng
RT: 17.928 min Scan# 2506
Delta R.T. 0.000 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

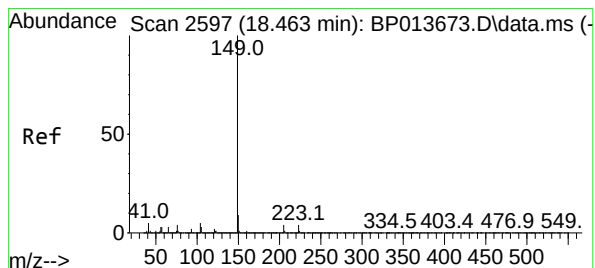
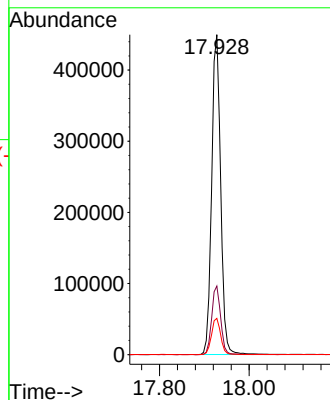
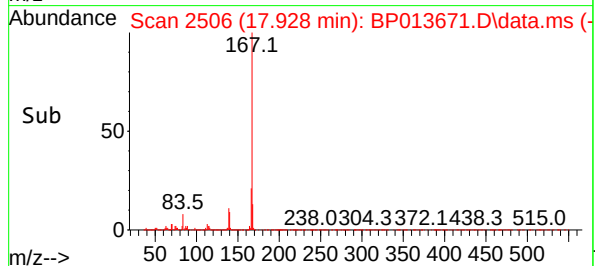
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:167 Resp: 624672
Ion Ratio Lower Upper
167 100
166 21.4 17.4 26.0
139 11.3 9.5 14.3

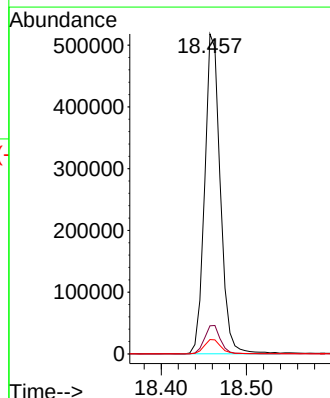
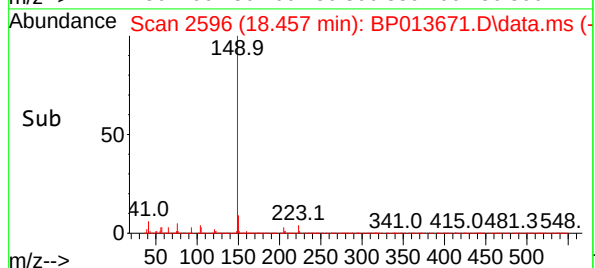
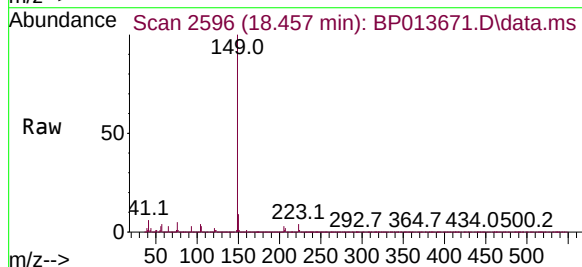
Manual Integrations
APPROVED

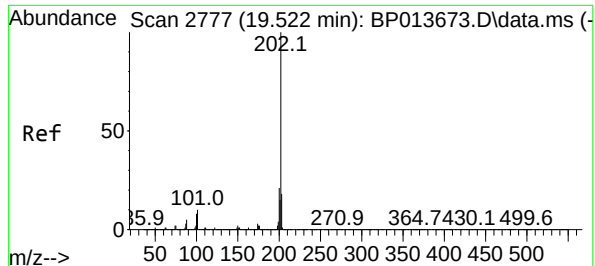
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#74
Di-n-butylphthalate
Concen: 9.812 ng
RT: 18.457 min Scan# 2596
Delta R.T. -0.006 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

Tgt Ion:149 Resp: 657913
Ion Ratio Lower Upper
149 100
150 8.8 7.4 11.0
104 4.5 3.8 5.6





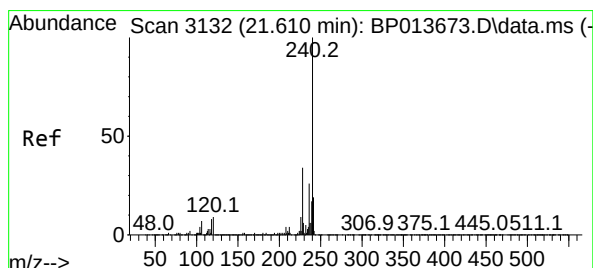
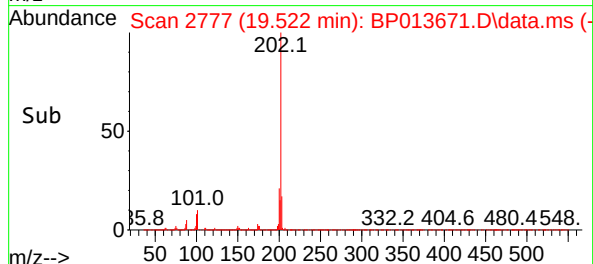
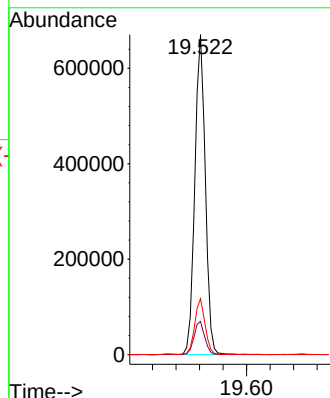
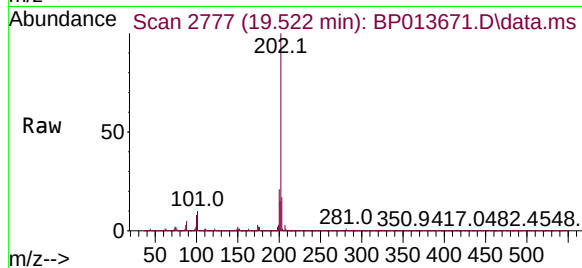
#75
Fluoranthene
Concen: 9.951 ng
RT: 19.522 min Scan# 2777
Delta R.T. 0.000 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 828045
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.2
203 17.5 0.0 37.9

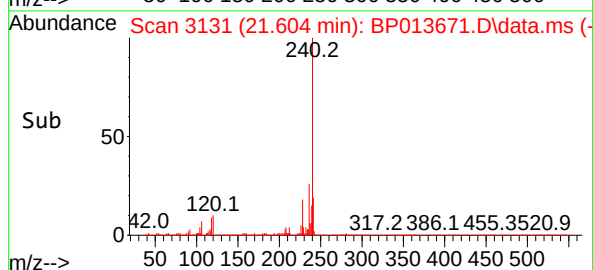
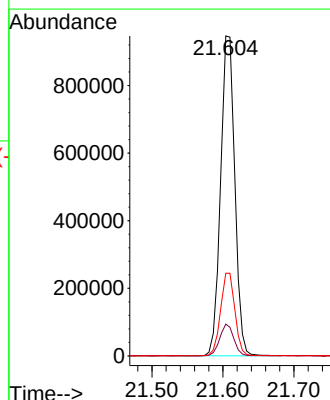
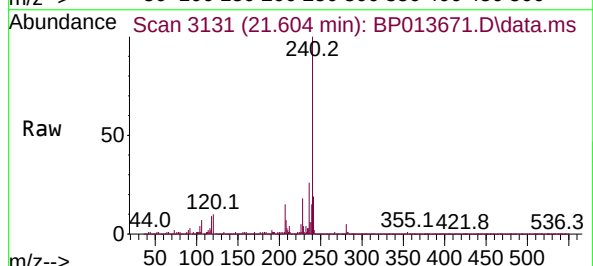
Manual Integrations
APPROVED

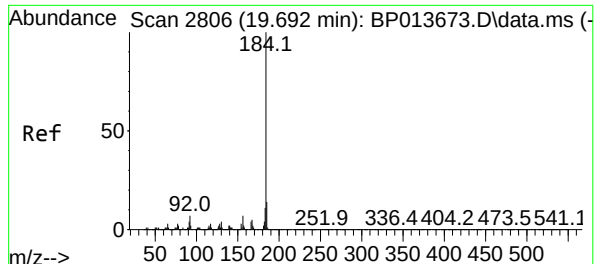
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.604 min Scan# 3131
Delta R.T. -0.006 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

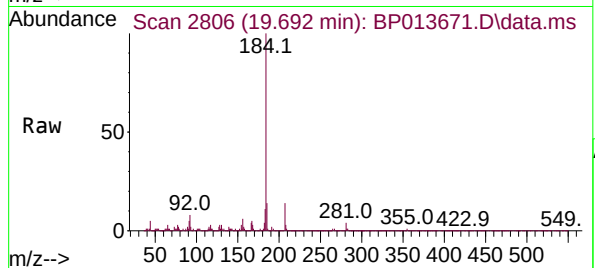
Tgt Ion:240 Resp: 1322136
Ion Ratio Lower Upper
240 100
120 9.9 7.4 11.0
236 25.8 20.6 30.8





#77
Benzidine
Concen: 10.828 ng
RT: 19.692 min Scan# 2806
Delta R.T. 0.000 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

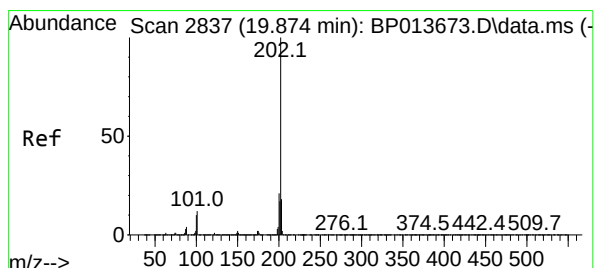
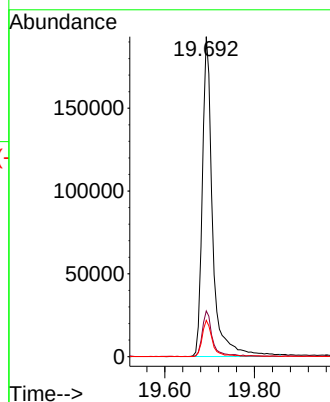
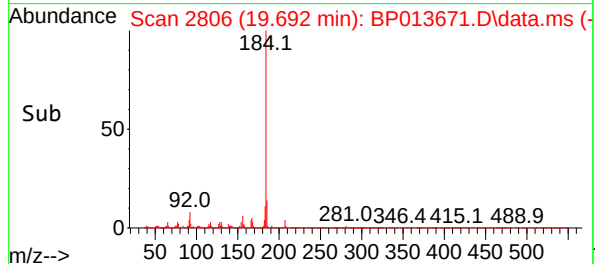
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:184 Resp: 309230
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.2
183 11.3 9.2 13.8

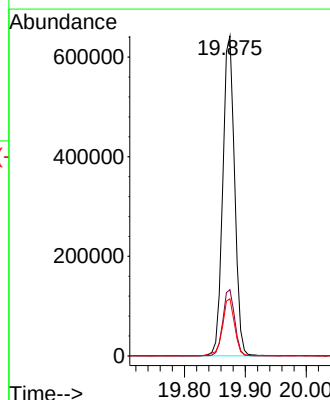
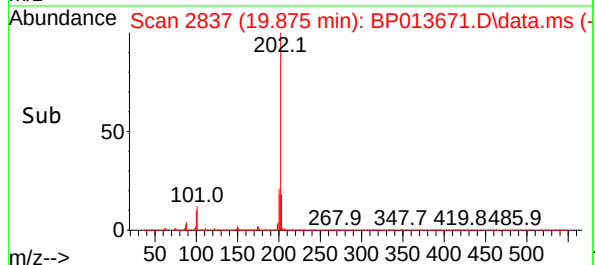
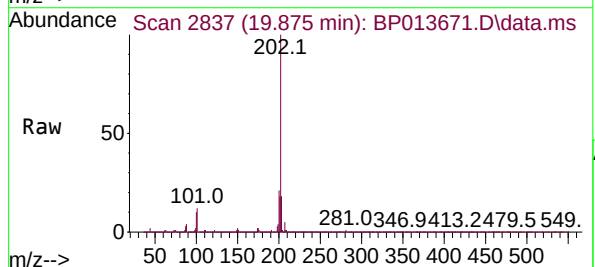
Manual Integrations
APPROVED

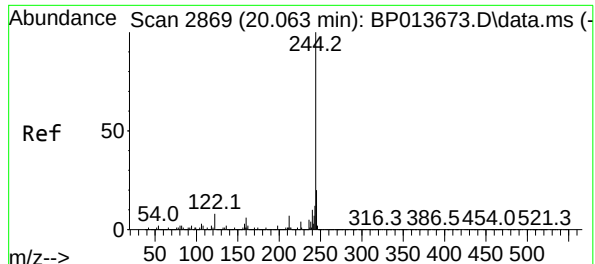
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#78
Pyrene
Concen: 9.755 ng
RT: 19.875 min Scan# 2837
Delta R.T. 0.000 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

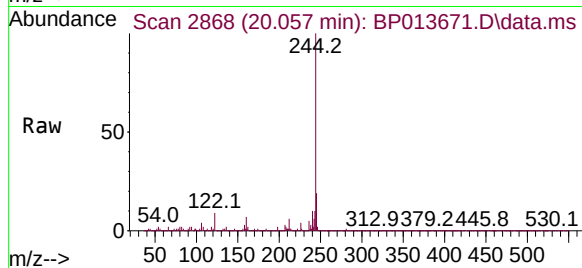
Tgt Ion:202 Resp: 867705
Ion Ratio Lower Upper
202 100
200 20.7 16.9 25.3
203 17.8 14.0 21.0





#79
 Terphenyl-d14
 Concen: 20.246 ng
 RT: 20.057 min Scan# 2869
 Delta R.T. -0.006 min
 Lab File: BP013671.D
 Acq: 31 Jan 2023 12:30

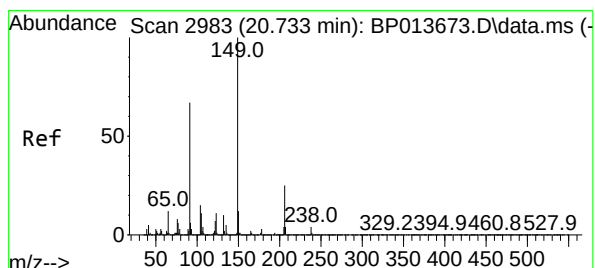
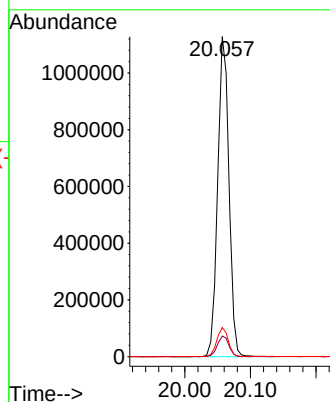
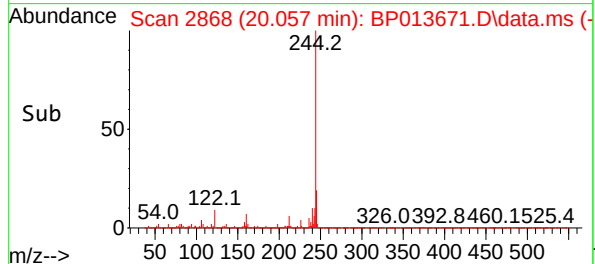
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC010



Tgt Ion:244 Resp: 1348034
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.5 8.3
 122 9.1 6.5 9.7

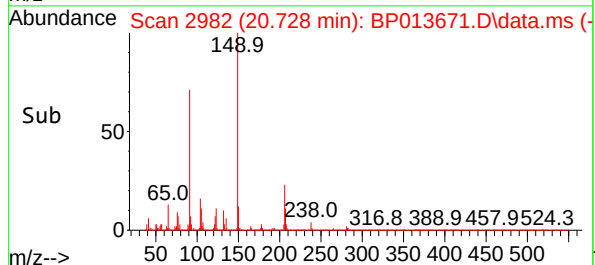
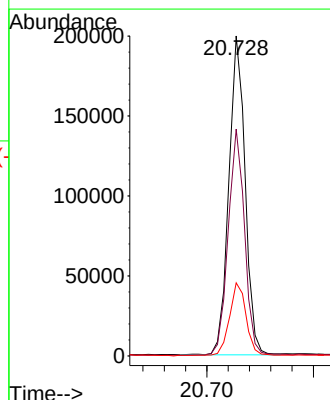
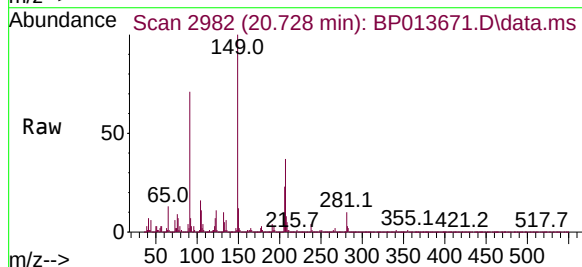
Manual Integrations
 APPROVED

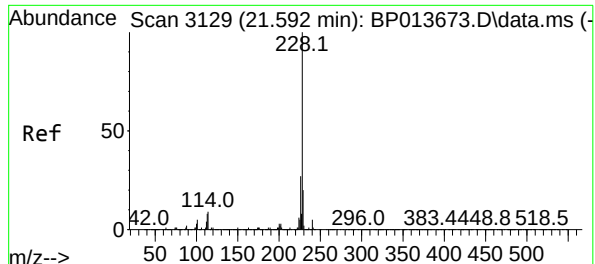
Reviewed By :Christian Giraldo 02/01/2023
 Supervised By :Jagrut Upadhyay 02/01/2023



#80
 Butylbenzylphthalate
 Concen: 8.739 ng
 RT: 20.728 min Scan# 2982
 Delta R.T. -0.006 min
 Lab File: BP013671.D
 Acq: 31 Jan 2023 12:30

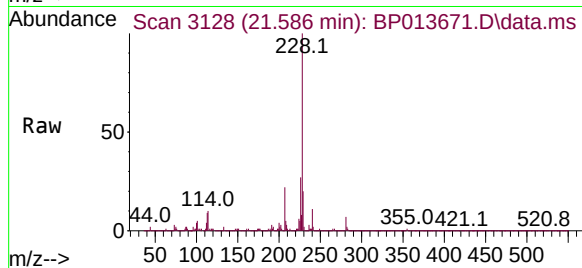
Tgt Ion:149 Resp: 212206
 Ion Ratio Lower Upper
 149 100
 91 70.9 54.0 81.0
 206 22.8 19.8 29.8





#81
Benzo(a)anthracene
Concen: 9.737 ng
RT: 21.586 min Scan# 3129
Delta R.T. -0.006 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

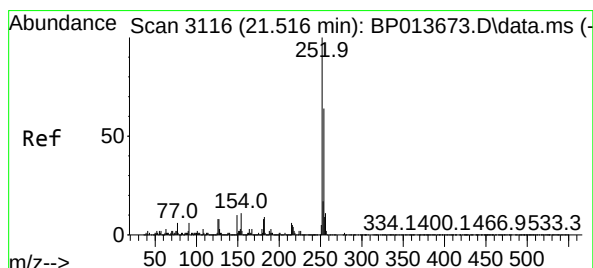
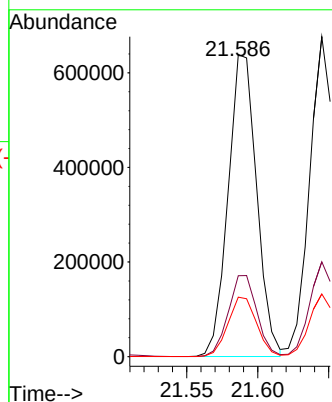
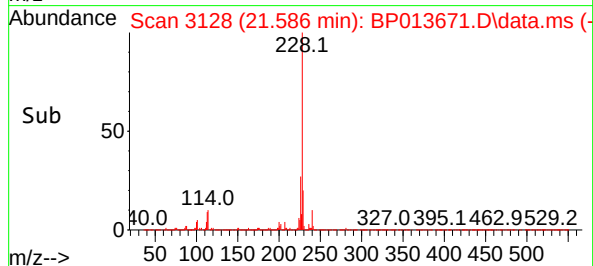
Instrument :
BNA_P
Client Sample Id :
SSTDICC010



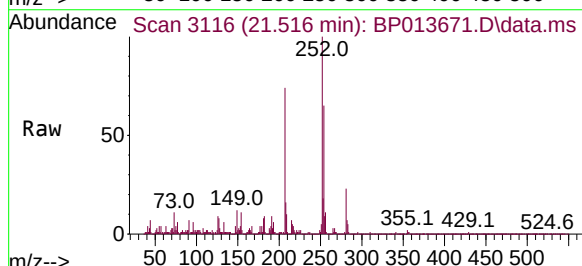
Tgt Ion:228 Resp: 894160
Ion Ratio Lower Upper
228 100
226 26.8 21.9 32.9
229 19.7 16.0 24.0

Manual Integrations
APPROVED

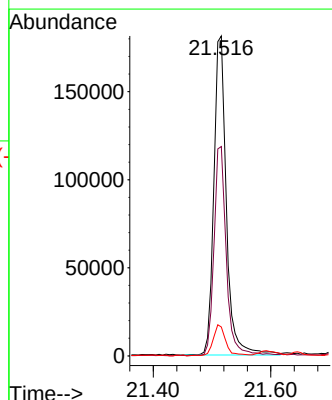
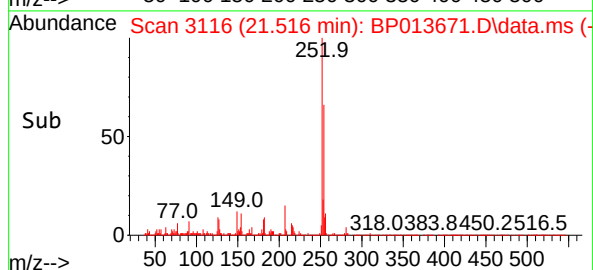
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

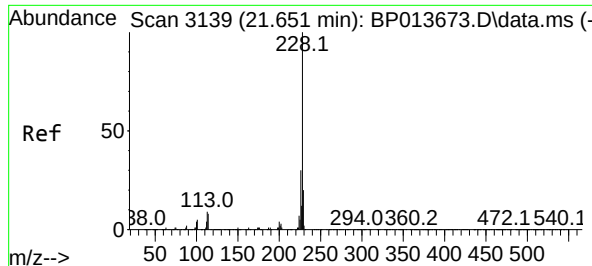


#82
3,3'-Dichlorobenzidine
Concen: 9.224 ng
RT: 21.516 min Scan# 3116
Delta R.T. 0.000 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30



Tgt Ion:252 Resp: 267817
Ion Ratio Lower Upper
252 100
254 65.4 50.9 76.3
126 9.0 6.7 10.1





#83

Chrysene

Concen: 9.907 ng

RT: 21.645 min Scan# 3139

Delta R.T. -0.006 min

Lab File: BP013671.D

Acq: 31 Jan 2023 12:30

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:228 Resp: 866770

Ion Ratio Lower Upper

228 100

226 29.6 24.1 36.1

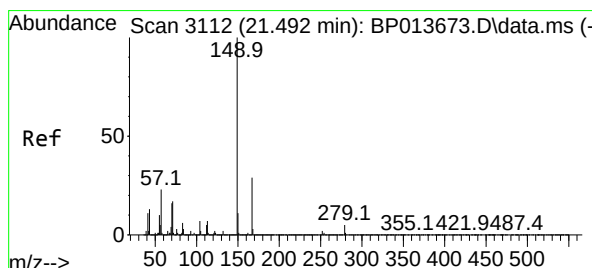
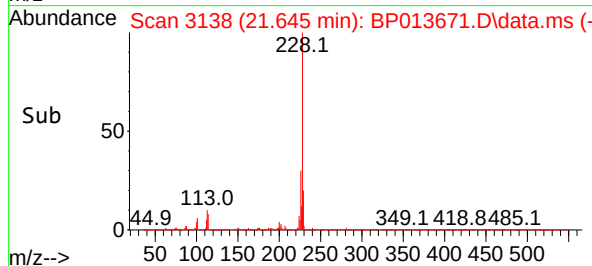
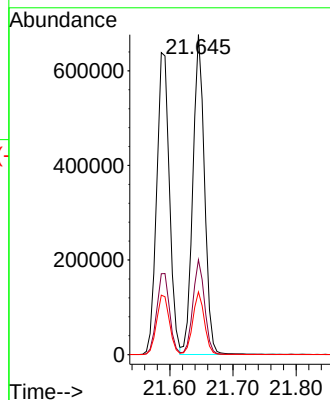
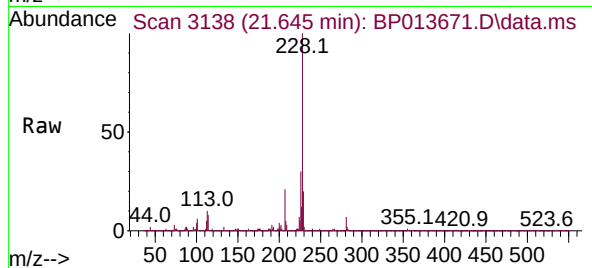
229 19.6 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.206 ng

RT: 21.492 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BP013671.D

Acq: 31 Jan 2023 12:30

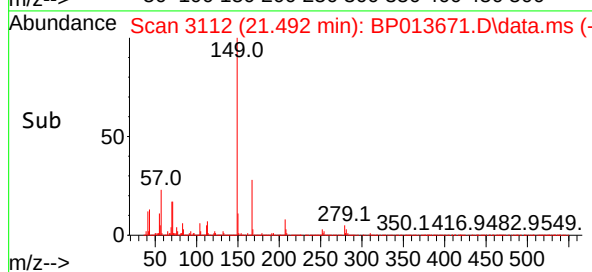
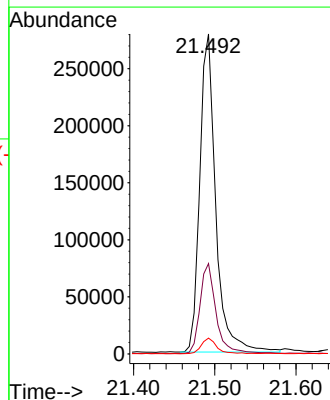
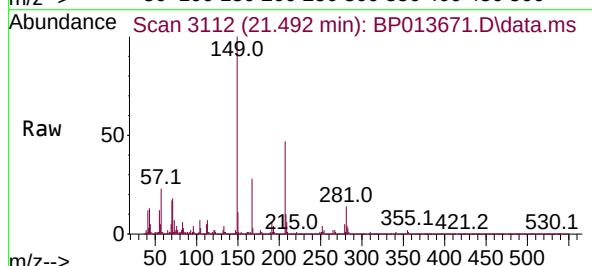
Tgt Ion:149 Resp: 380628

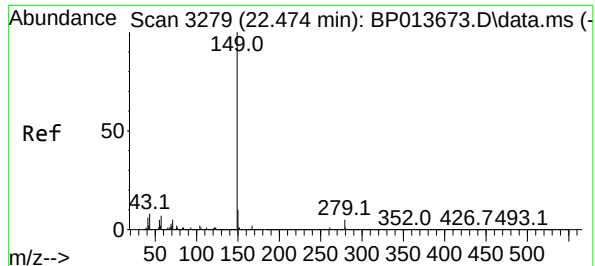
Ion Ratio Lower Upper

149 100

167 28.2 23.0 34.6

279 4.9 3.9 5.9





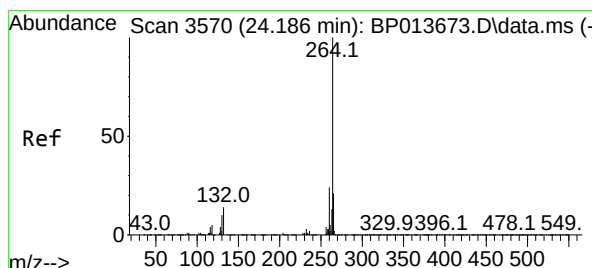
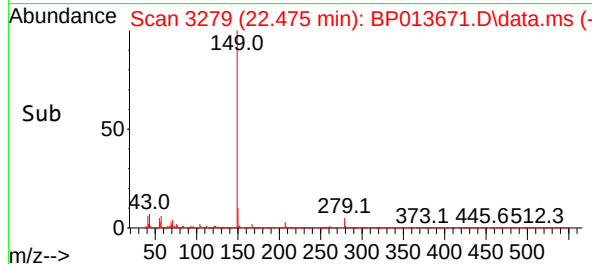
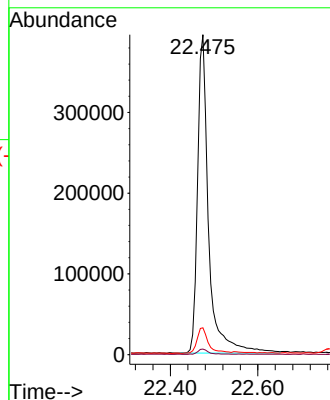
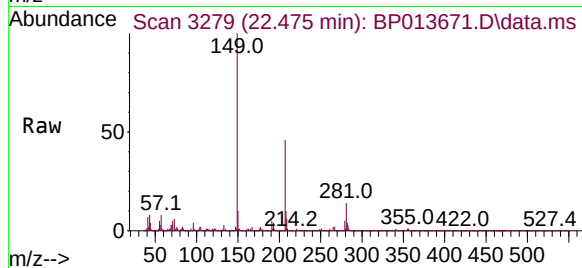
#85
Di-n-octyl phthalate
Concen: 9.168 ng
RT: 22.475 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:149 Resp: 69217
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.3 6.3 9.5

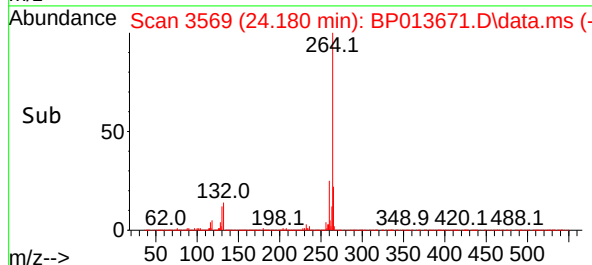
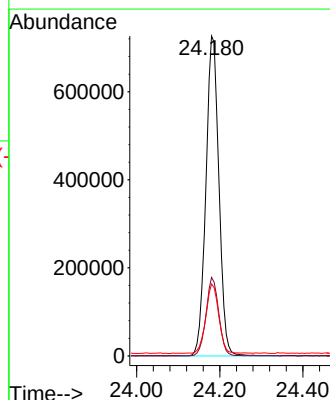
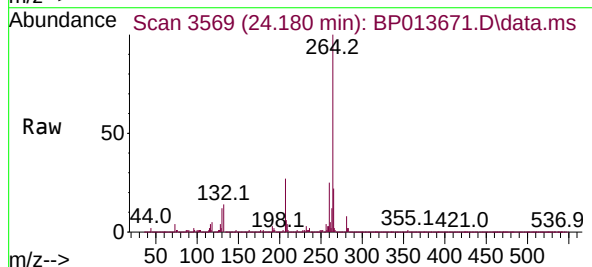
Manual Integrations
APPROVED

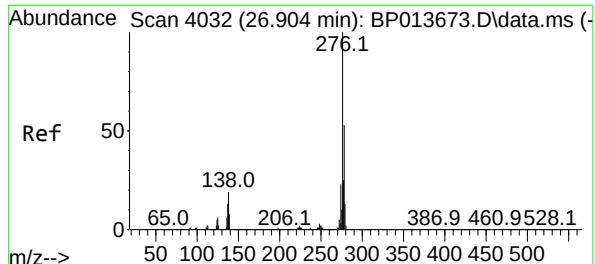
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.180 min Scan# 3569
Delta R.T. -0.006 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

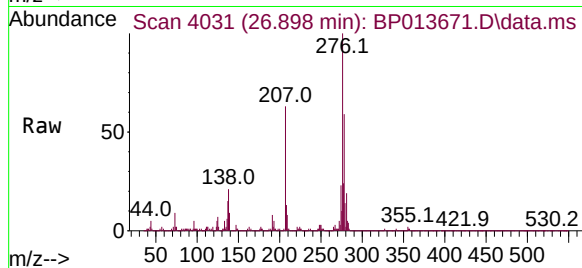
Tgt Ion:264 Resp: 1578749
Ion Ratio Lower Upper
264 100
260 24.5 18.8 28.2
265 22.5 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 9.742 ng
RT: 26.898 min Scan# 4032
Delta R.T. -0.006 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

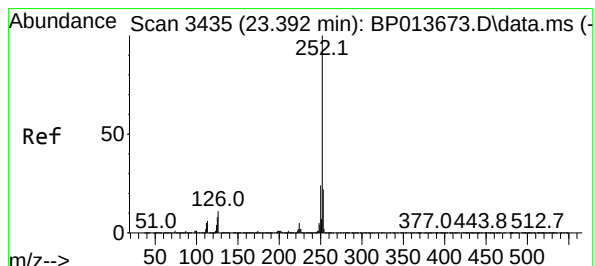
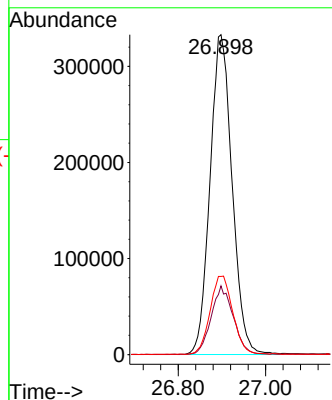
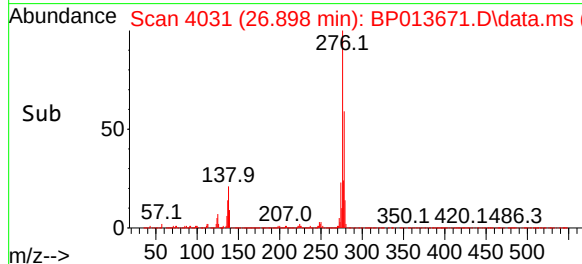
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 276 Resp: 116962
Ion Ratio Lower Upper
276 100
138 21.3 16.5 24.7
277 25.1 20.2 30.2

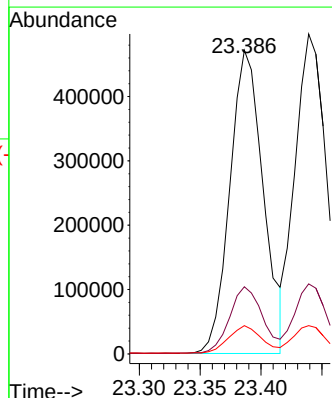
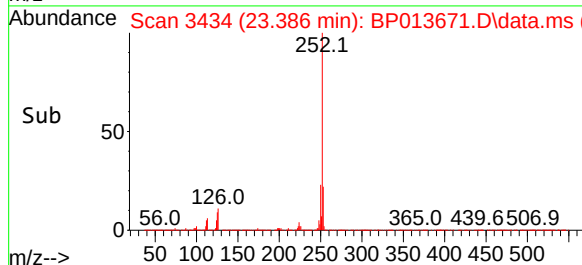
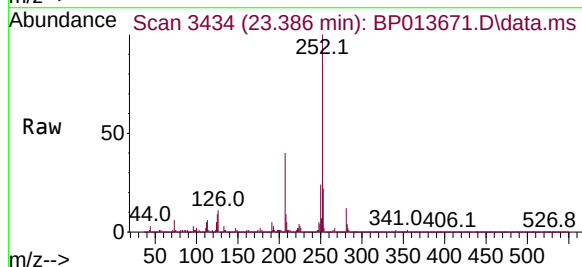
Manual Integrations
APPROVED

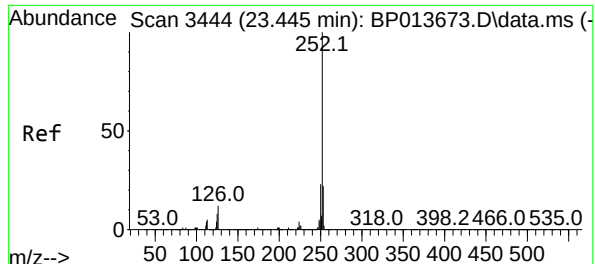
Reviewed By : Christian Giraldo 02/01/2023
Supervised By : Jagrut Upadhyay 02/01/2023



#88
Benzo(b)fluoranthene
Concen: 9.486 ng
RT: 23.386 min Scan# 3434
Delta R.T. -0.006 min
Lab File: BP013671.D
Acq: 31 Jan 2023 12:30

Tgt Ion: 252 Resp: 900076
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 9.3 6.8 10.2





#89

Benzo(k)fluoranthene

Concen: 9.455 ng

RT: 23.439 min Scan# 3444

Delta R.T. -0.006 min

Lab File: BP013671.D

Acq: 31 Jan 2023 12:30

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:252 Resp: 898633

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

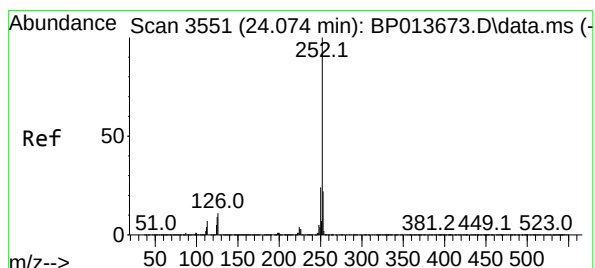
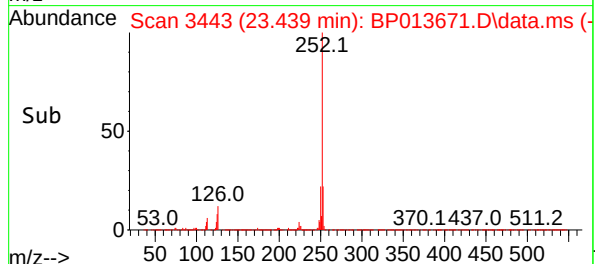
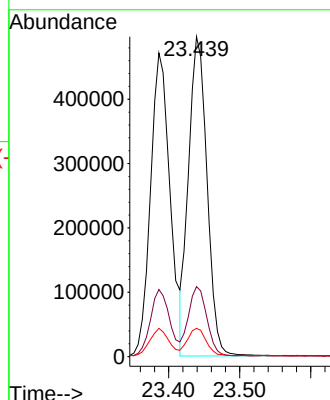
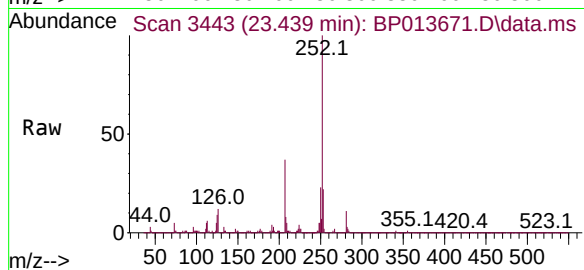
125 8.8 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#90

Benzo(a)pyrene

Concen: 9.662 ng

RT: 24.069 min Scan# 3550

Delta R.T. -0.006 min

Lab File: BP013671.D

Acq: 31 Jan 2023 12:30

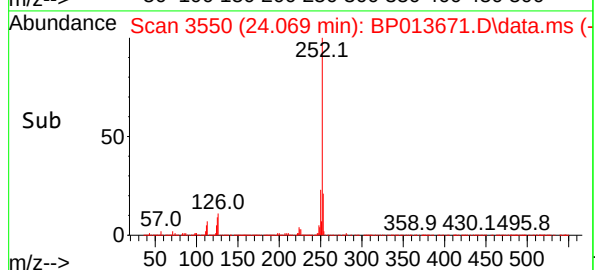
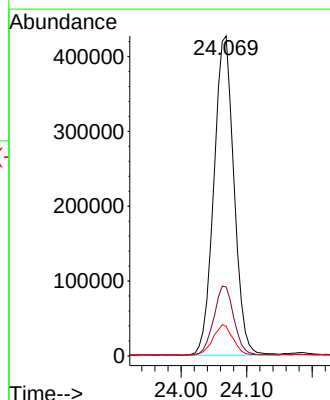
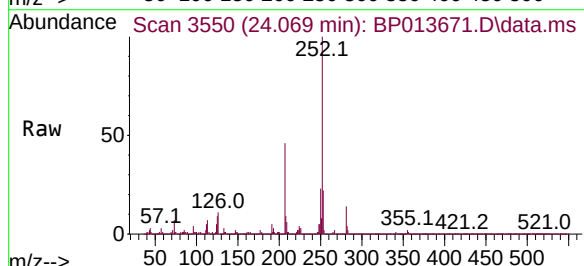
Tgt Ion:252 Resp: 910055

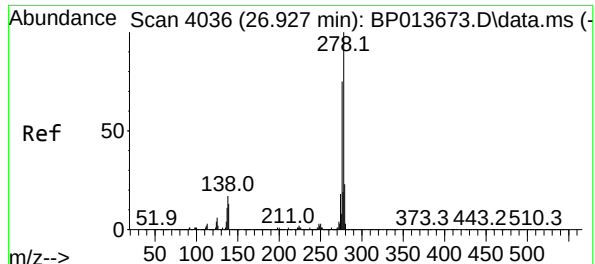
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

125 9.3 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 9.788 ng

RT: 26.915 min Scan# 4034

Delta R.T. -0.012 min

Lab File: BP013671.D

Acq: 31 Jan 2023 12:30

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:278 Resp: 97550

Ion Ratio Lower Upper

278 100

139 13.5 10.6 16.0

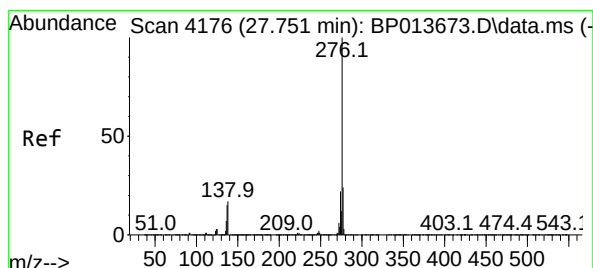
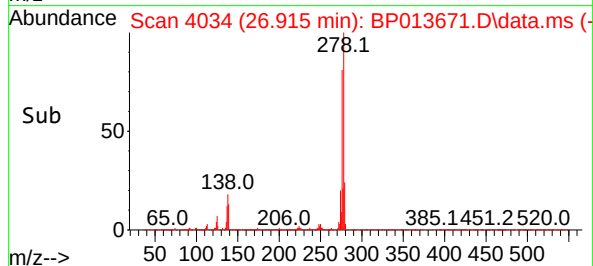
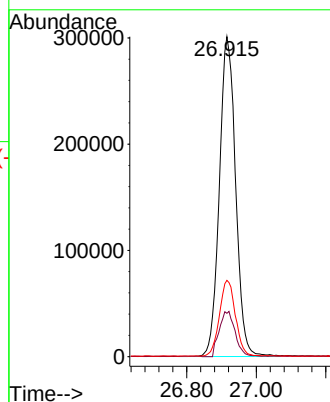
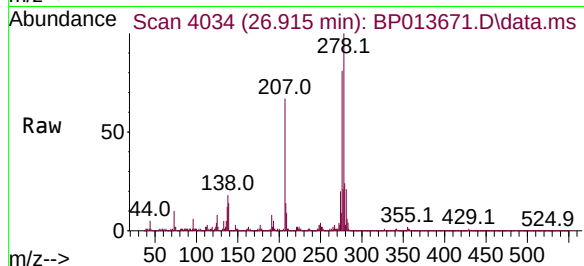
279 23.8 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#92

Benzo(g,h,i)perylene

Concen: 9.738 ng

RT: 27.739 min Scan# 4174

Delta R.T. -0.012 min

Lab File: BP013671.D

Acq: 31 Jan 2023 12:30

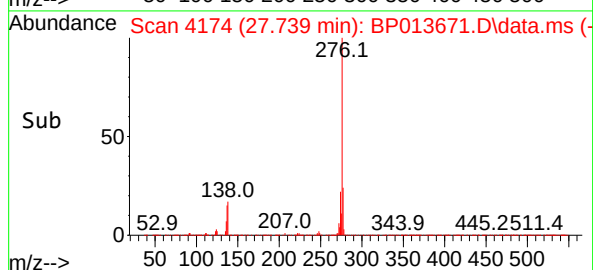
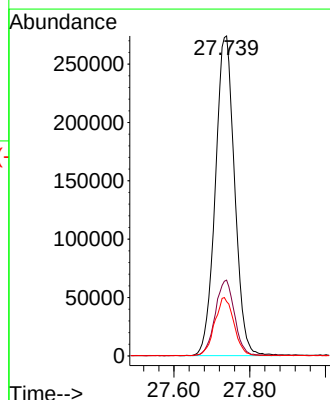
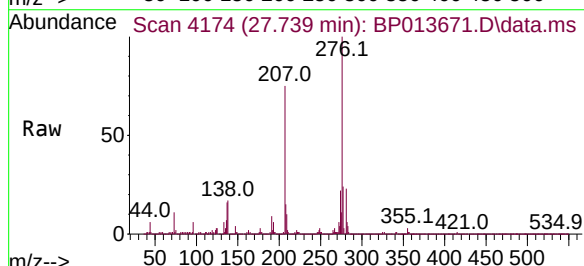
Tgt Ion:276 Resp: 963855

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 17.0 14.0 21.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
 Data File : BP013672.D
 Acq On : 31 Jan 2023 13:04
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

Quant Time: Feb 01 03:01:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 02:57:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	232095	20.000	ng	0.00
21) Naphthalene-d8	10.969	136	864783	20.000	ng	0.00
39) Acenaphthene-d10	14.775	164	574867	20.000	ng	0.00
64) Phenanthrene-d10	17.528	188	1318675	20.000	ng	0.00
76) Chrysene-d12	21.610	240	1383138	20.000	ng	0.00
86) Perylene-d12	24.180	264	1596192	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	550601	40.554	ng	0.00
7) Phenol-d6	7.287	99	729453	40.328	ng	0.00
23) Nitrobenzene-d5	9.316	82	585728	39.399	ng	0.00
42) 2,4,6-Tribromophenol	16.263	330	339579	39.383	ng	0.00
45) 2-Fluorobiphenyl	13.404	172	1698701	41.348	ng	0.00
79) Terphenyl-d14	20.057	244	2885228	41.423	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.517	88	117959	20.536	ng	97
3) Pyridine	3.934	79	333808	20.526	ng	99
4) n-Nitrosodimethylamine	3.840	42	120355	20.296	ng	# 96
6) Aniline	7.458	93	479986	20.355	ng	98
8) 2-Chlorophenol	7.699	128	290657	20.334	ng	98
9) Benzaldehyde	7.269	77	220181	24.093	ng	99
10) Phenol	7.311	94	381485	20.189	ng	98
11) bis(2-Chloroethyl)ether	7.552	93	304056	20.143	ng	100
12) 1,3-Dichlorobenzene	8.028	146	327581	20.345	ng	98
13) 1,4-Dichlorobenzene	8.175	146	334010	20.502	ng	97
14) 1,2-Dichlorobenzene	8.499	146	317914	20.393	ng	99
15) Benzyl Alcohol	8.381	79	252183	19.689	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.675	45	358679	20.269	ng	99
17) 2-Methylphenol	8.581	107	269114	20.324	ng	98
18) Hexachloroethane	9.234	117	106787	19.878	ng	92
19) n-Nitroso-di-n-propyla...	8.952	70	232814	20.515	ng	99
20) 3+4-Methylphenols	8.910	107	365815	20.251	ng	97
22) Acetophenone	8.969	105	457268	20.277	ng	# 99
24) Nitrobenzene	9.357	77	321768	19.954	ng	99
25) Isophorone	9.887	82	660366	20.041	ng	99
26) 2-Nitrophenol	10.075	139	127494	18.889	ng	97
27) 2,4-Dimethylphenol	10.122	122	266047	19.253	ng	100
28) bis(2-Chloroethoxy)met...	10.363	93	398892	20.198	ng	99
29) 2,4-Dichlorophenol	10.610	162	288544	19.935	ng	99
30) 1,2,4-Trichlorobenzene	10.828	180	322936	20.108	ng	99
31) Naphthalene	11.022	128	921913	20.275	ng	99
32) Benzoic acid	10.222	122	178890	18.096	ng	97
33) 4-Chloroaniline	11.128	127	401570	20.099	ng	99
34) Hexachlorobutadiene	11.304	225	202285	19.843	ng	97
35) Caprolactam	11.899	113	92339	19.502	ng	97
36) 4-Chloro-3-methylphenol	12.234	107	304116	19.975	ng	98
37) 2-Methylnaphthalene	12.616	142	692719	20.261	ng	98
38) 1-Methylnaphthalene	12.834	142	651141	20.275	ng	99
40) 1,2,4,5-Tetrachloroben...	12.975	216	393637	20.057	ng	99
41) Hexachlorocyclopentadiene	12.957	237	157754	17.611	ng	95
43) 2,4,6-Trichlorophenol	13.210	196	258934	20.036	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
 Data File : BP013672.D
 Acq On : 31 Jan 2023 13:04
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

Quant Time: Feb 01 03:01:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 02:57:10 2023
 Response via : Initial Calibration

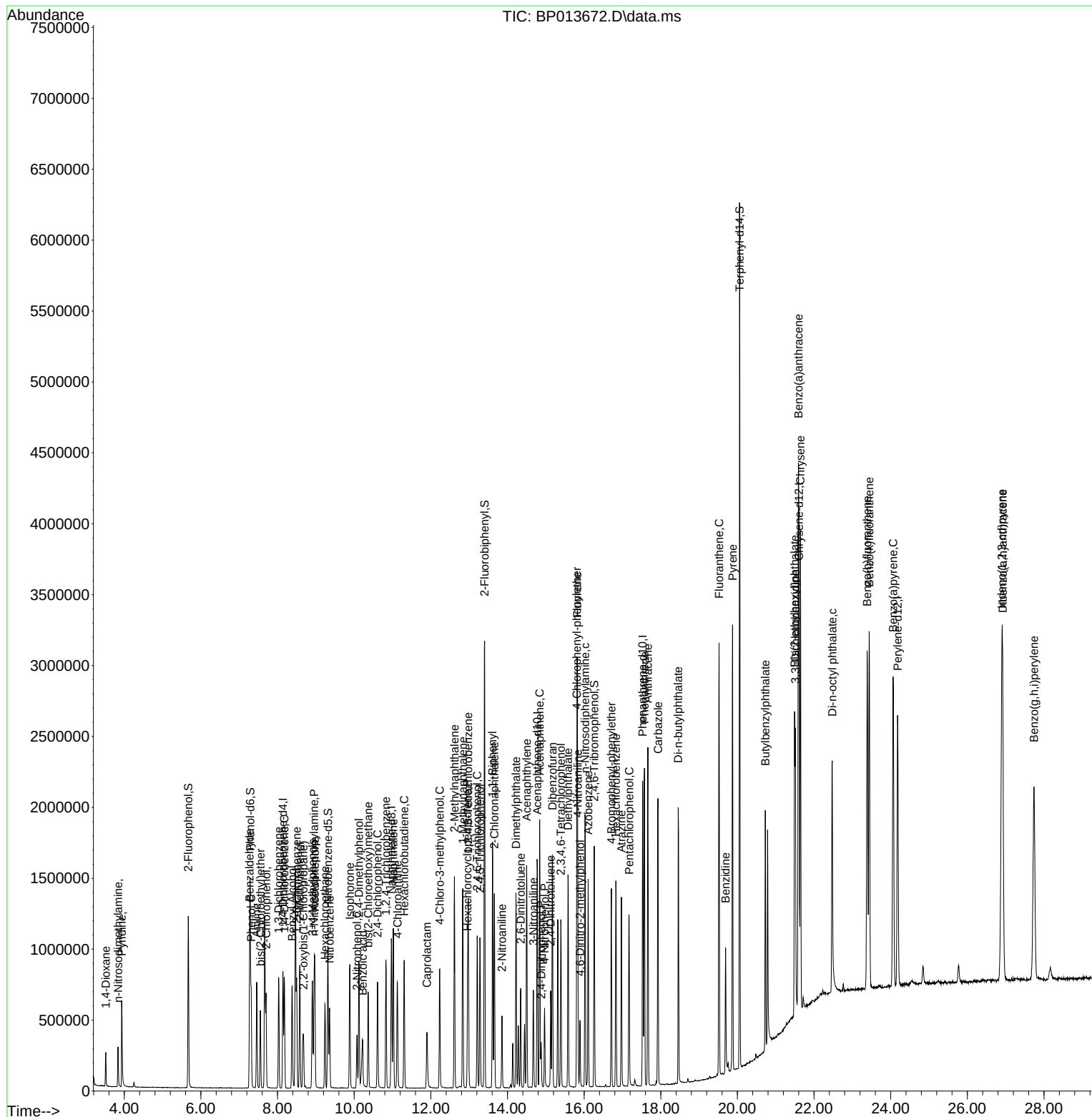
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.281	196	303065	20.029	ng	98
46) 1,1'-Biphenyl	13.610	154	891842	20.501	ng	100
47) 2-Chloronaphthalene	13.657	162	688869	20.486	ng	98
48) 2-Nitroaniline	13.857	65	130687	18.188	ng	97
49) Acenaphthylene	14.498	152	1105805	20.392	ng	99
50) Dimethylphthalate	14.222	163	903323	20.316	ng	100
51) 2,6-Dinitrotoluene	14.345	165	157246	19.787	ng	96
52) Acenaphthene	14.840	154	695528	20.563	ng	100
53) 3-Nitroaniline	14.675	138	170753	19.702	ng	99
54) 2,4-Dinitrophenol	14.881	184	75274	15.563	ng	98
55) Dibenzofuran	15.175	168	1112099	20.354	ng	99
56) 4-Nitrophenol	14.969	139	143063	18.557	ng	97
57) 2,4-Dinitrotoluene	15.128	165	196398	18.832	ng	96
58) Fluorene	15.822	166	889418	20.734	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.392	232	260416	19.792	ng	100
60) Diethylphthalate	15.581	149	860161	20.179	ng	99
61) 4-Chlorophenyl-phenyle...	15.810	204	466566	19.973	ng	97
62) 4-Nitroaniline	15.834	138	171093	19.879	ng	96
63) Azobenzene	16.104	77	811105	20.599	ng	98
65) 4,6-Dinitro-2-methylph...	15.892	198	115420	16.794	ng	99
66) n-Nitrosodiphenylamine	16.028	169	779122	20.306	ng	99
67) 4-Bromophenyl-phenylether	16.710	248	302741	20.028	ng	97
68) Hexachlorobenzene	16.828	284	332458	19.862	ng	96
69) Atrazine	16.975	200	256804	20.569	ng	99
70) Pentachlorophenol	17.175	266	243337	19.708	ng	99
71) Phenanthrene	17.575	178	1446056	20.459	ng	99
72) Anthracene	17.663	178	1451249	20.338	ng	99
73) Carbazole	17.928	167	1326191	20.468	ng	99
74) Di-n-butylphthalate	18.457	149	1430613	20.176	ng	100
75) Fluoranthene	19.522	202	1787091	20.309	ng	100
77) Benzidine	19.692	184	568778	19.038	ng	98
78) Pyrene	19.875	202	1873915	20.138	ng	99
80) Butylbenzylphthalate	20.727	149	480313	18.907	ng	97
81) Benzo(a)anthracene	21.592	228	1934856	20.140	ng	99
82) 3,3'-Dichlorobenzidine	21.510	252	618557	20.365	ng	99
83) Chrysene	21.645	228	1848560	20.196	ng	100
84) Bis(2-ethylhexyl)phtha...	21.492	149	841635	19.458	ng	100
85) Di-n-octyl phthalate	22.474	149	1533037	19.409	ng	100
87) Indeno(1,2,3-cd)pyrene	26.898	276	2421888	19.951	ng	99
88) Benzo(b)fluoranthene	23.386	252	1964422	20.477	ng	99
89) Benzo(k)fluoranthene	23.439	252	1941694	20.207	ng	99
90) Benzo(a)pyrene	24.063	252	1914185	20.101	ng	99
91) Dibenzo(a,h)anthracene	26.921	278	2016395	20.011	ng	98
92) Benzo(g,h,i)perylene	27.739	276	1993206	19.917	ng	99

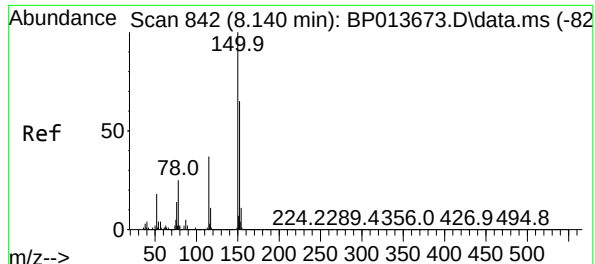
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
Data File : BP013672.D
Acq On : 31 Jan 2023 13:04
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: Feb 01 03:01:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 02:57:10 2023
Response via : Initial Calibration

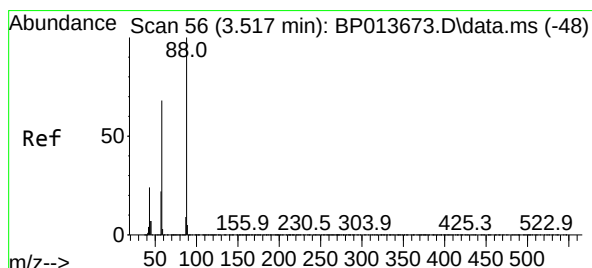
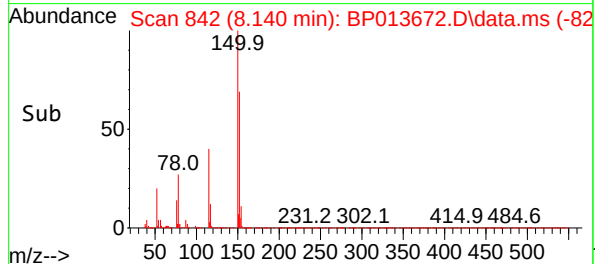
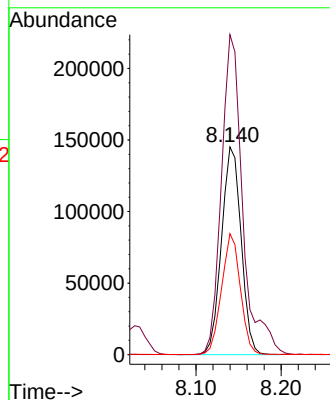
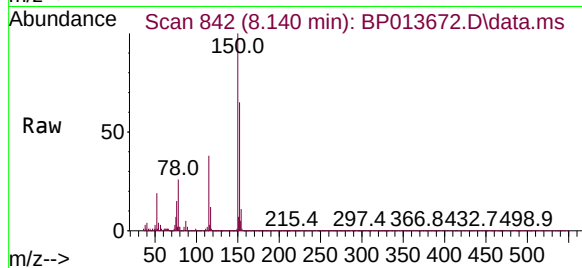




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.140 min Scan# 84
Delta R.T. -0.000 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

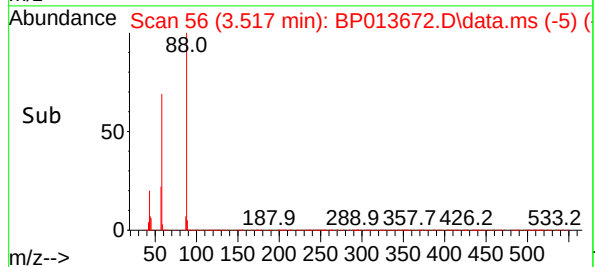
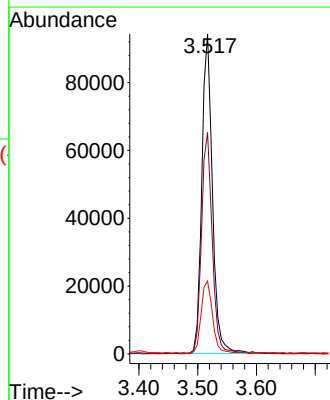
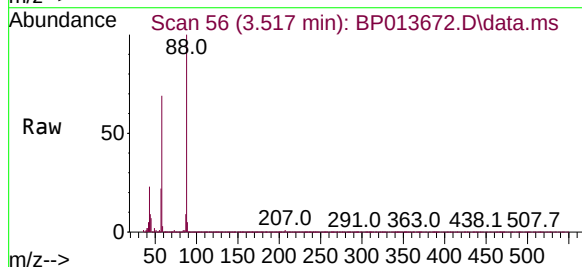
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

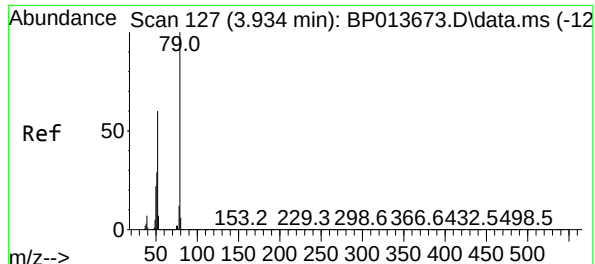
Tgt Ion:152 Resp: 232095
Ion Ratio Lower Upper
152 100
150 154.1 123.6 185.4
115 58.2 45.4 68.0



#2
1,4-Dioxane
Concen: 20.536 ng
RT: 3.517 min Scan# 56
Delta R.T. 0.000 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

Tgt Ion: 88 Resp: 117959
Ion Ratio Lower Upper
88 100
58 70.4 53.8 80.8
43 24.1 19.8 29.6

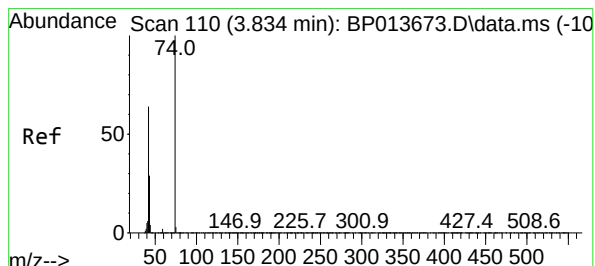
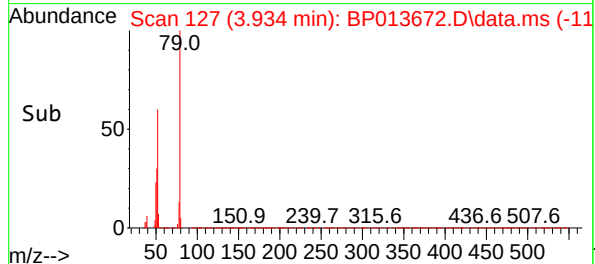
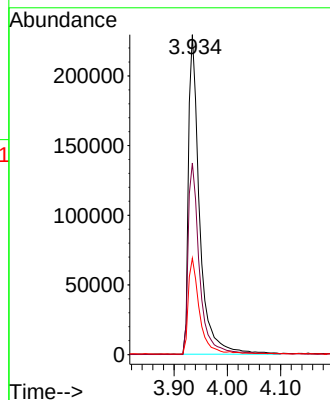
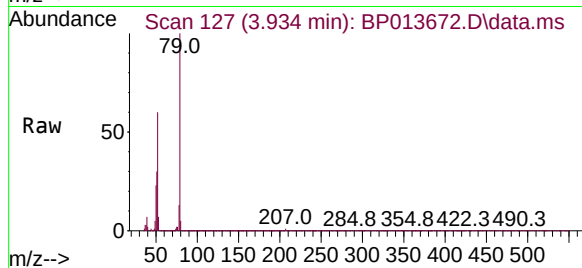




#3
Pyridine
Concen: 20.526 ng
RT: 3.934 min Scan# 111
Delta R.T. 0.000 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

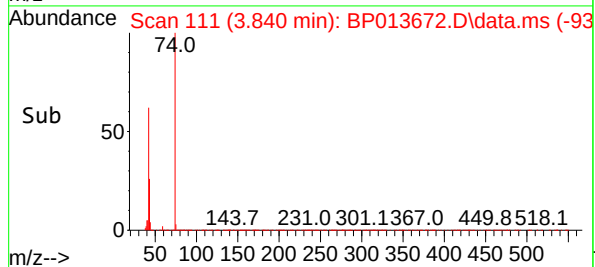
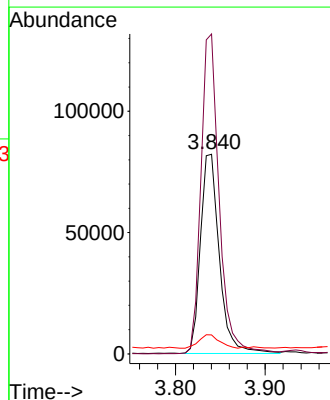
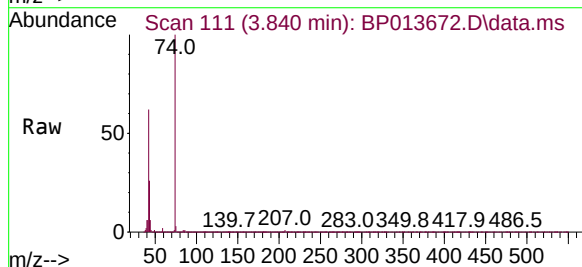
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

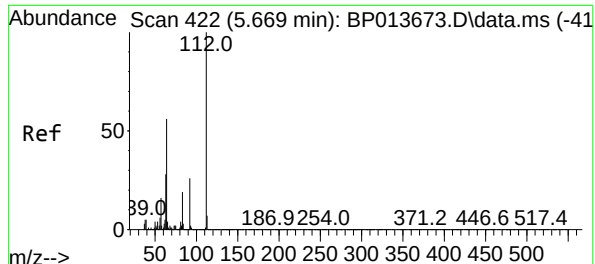
Tgt Ion: 79 Resp: 333808
Ion Ratio Lower Upper
79 100
52 59.9 48.2 72.2
51 30.1 23.6 35.4



#4
n-Nitrosodimethylamine
Concen: 20.296 ng
RT: 3.840 min Scan# 111
Delta R.T. 0.006 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

Tgt Ion: 42 Resp: 120355
Ion Ratio Lower Upper
42 100
74 160.3 124.6 187.0
44 9.5 6.3 9.5

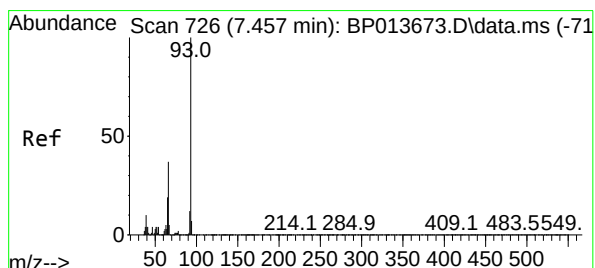
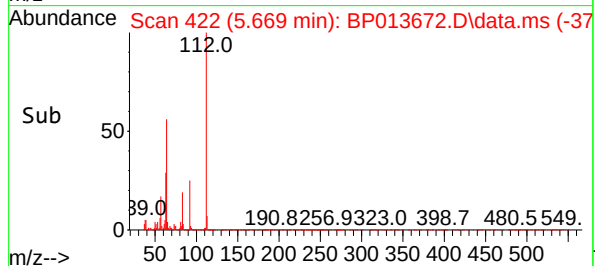
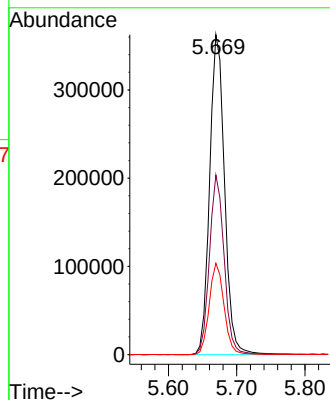
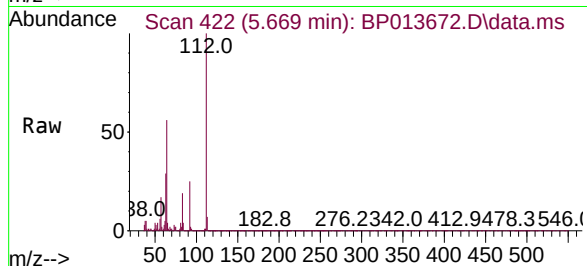




#5
2-Fluorophenol
Concen: 40.554 ng
RT: 5.669 min Scan# 422
Delta R.T. 0.000 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

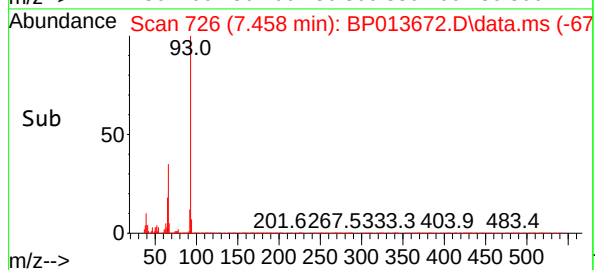
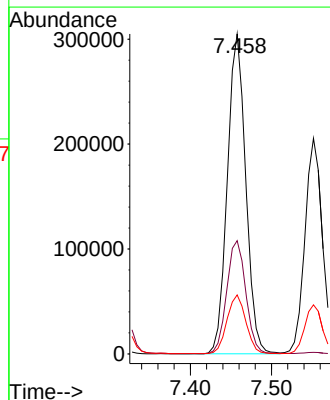
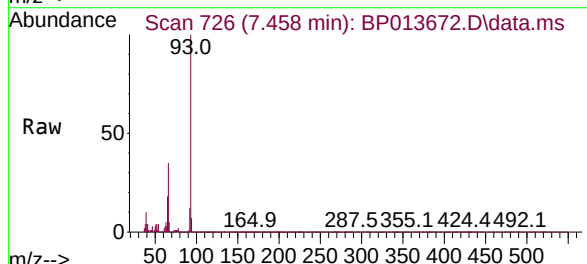
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

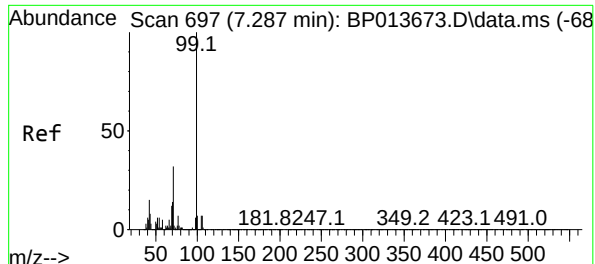
Tgt Ion:112 Resp: 550601
Ion Ratio Lower Upper
112 100
64 56.1 44.6 67.0
63 28.5 22.6 34.0



#6
Aniline
Concen: 20.355 ng
RT: 7.458 min Scan# 726
Delta R.T. 0.000 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

Tgt Ion: 93 Resp: 479986
Ion Ratio Lower Upper
93 100
66 35.4 29.3 43.9
65 18.4 15.1 22.7

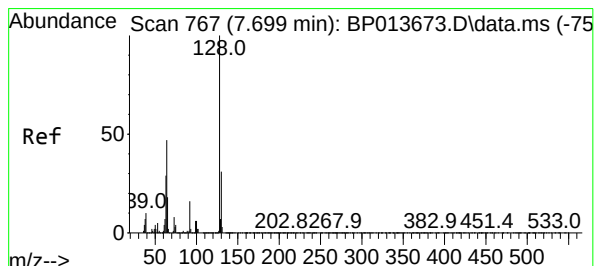
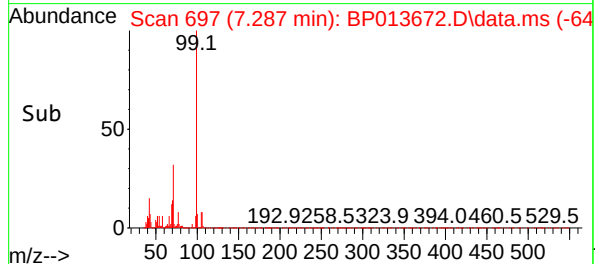
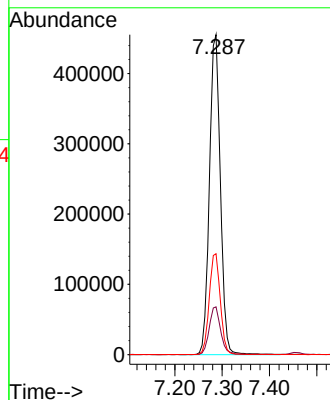
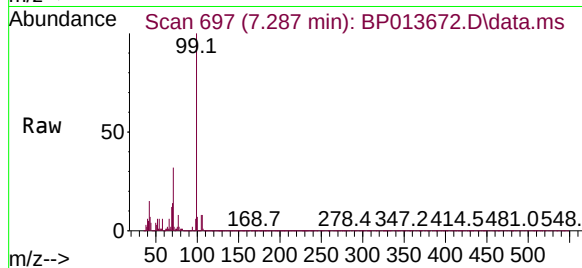




#7
Phenol-d6
Concen: 40.328 ng
RT: 7.287 min Scan# 697
Delta R.T. 0.000 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

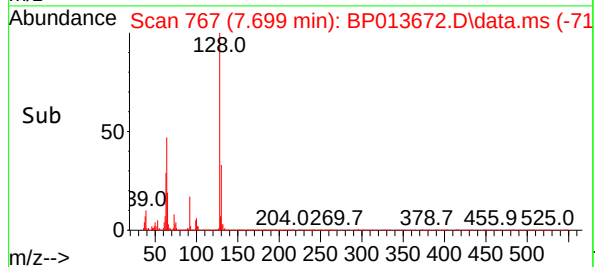
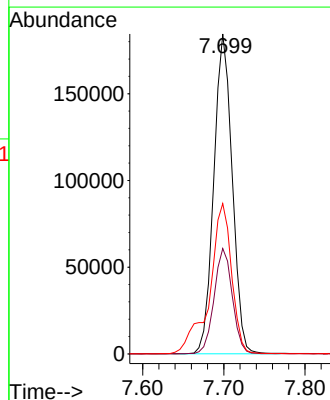
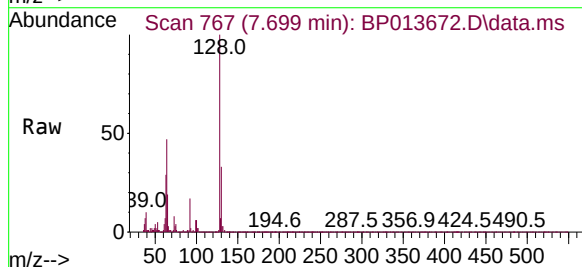
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

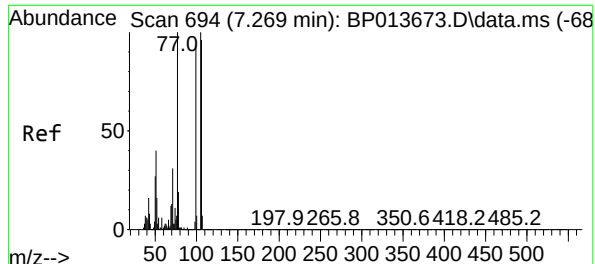
Tgt Ion: 99 Resp: 729453
Ion Ratio Lower Upper
99 100
42 14.9 11.8 17.6
71 31.5 25.6 38.4



#8
2-Chlorophenol
Concen: 20.334 ng
RT: 7.699 min Scan# 767
Delta R.T. 0.000 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

Tgt Ion: 128 Resp: 290657
Ion Ratio Lower Upper
128 100
130 32.9 10.8 50.8
64 47.0 26.9 66.9

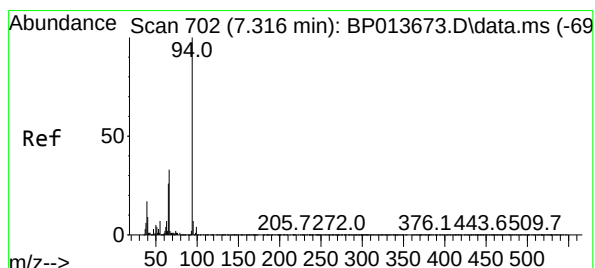
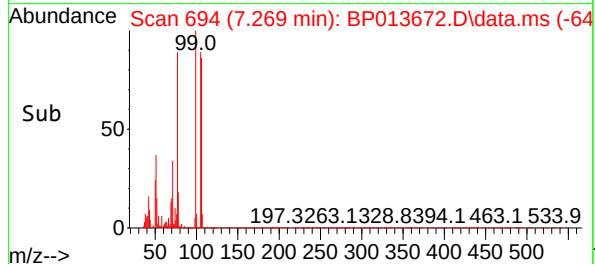
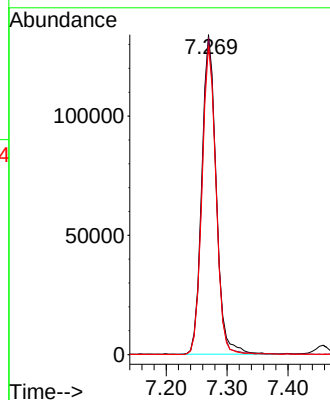
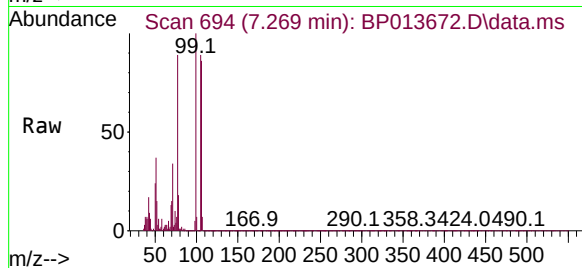




#9
Benzaldehyde
Concen: 24.093 ng
RT: 7.269 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

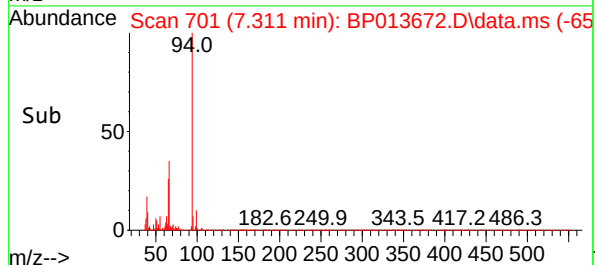
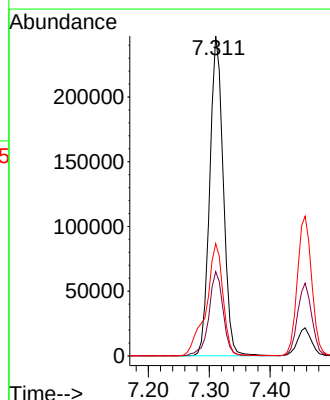
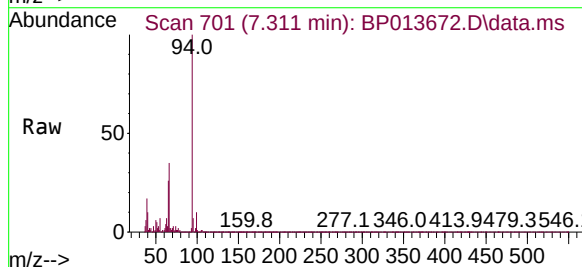
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

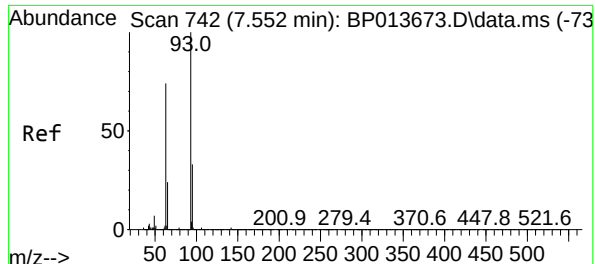
Tgt Ion: 77 Resp: 220181
Ion Ratio Lower Upper
77 100
105 99.1 80.4 120.4
106 96.5 76.7 116.7



#10
Phenol
Concen: 20.189 ng
RT: 7.311 min Scan# 701
Delta R.T. -0.006 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

Tgt Ion: 94 Resp: 381485
Ion Ratio Lower Upper
94 100
65 26.3 6.0 46.0
66 35.1 13.1 53.1





#11

bis(2-Chloroethyl)ether

Concen: 20.143 ng

RT: 7.552 min Scan# 742

Delta R.T. 0.000 min

Lab File: BP013672.D

Acq: 31 Jan 2023 13:04

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

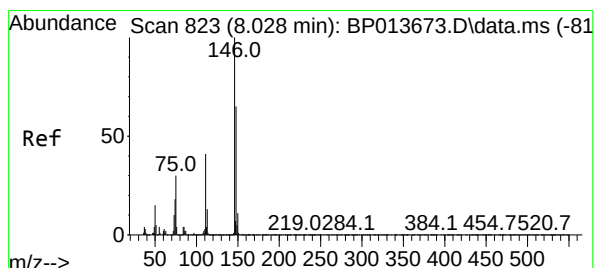
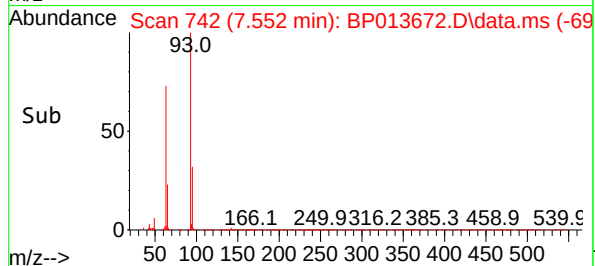
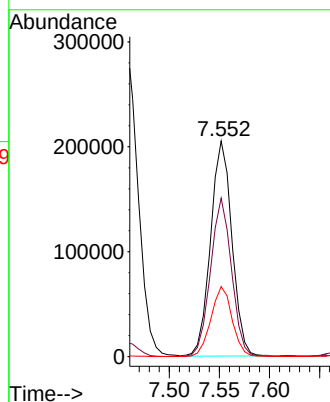
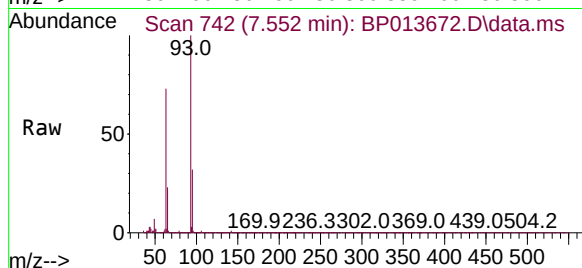
Tgt Ion: 93 Resp: 304056

Ion Ratio Lower Upper

93 100

63 73.5 53.7 93.7

95 32.5 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 20.345 ng

RT: 8.028 min Scan# 823

Delta R.T. 0.000 min

Lab File: BP013672.D

Acq: 31 Jan 2023 13:04

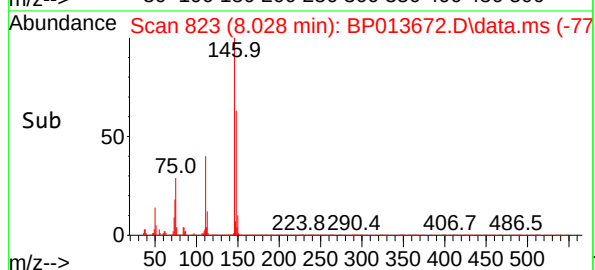
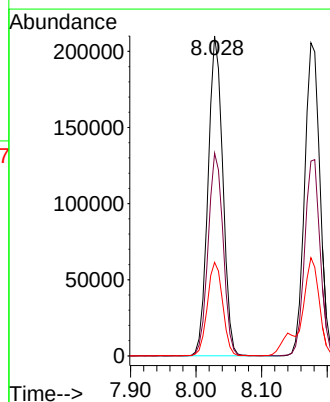
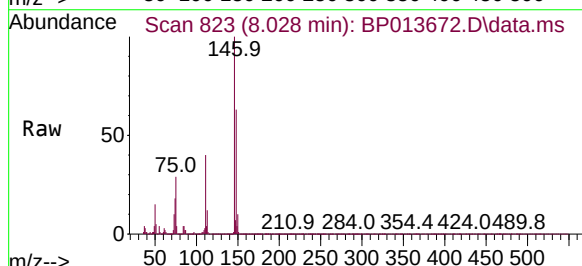
Tgt Ion: 146 Resp: 327581

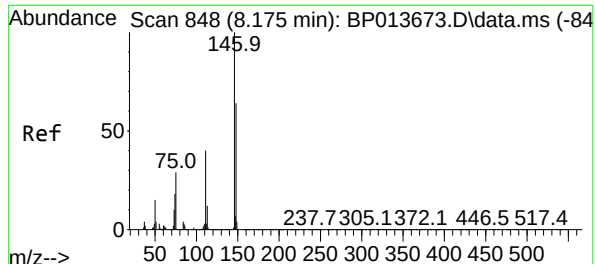
Ion Ratio Lower Upper

146 100

148 63.4 51.9 77.9

75 29.2 24.0 36.0





#13

1,4-Dichlorobenzene

Concen: 20.502 ng

RT: 8.175 min Scan# 84

Delta R.T. 0.000 min

Lab File: BP013672.D

Acq: 31 Jan 2023 13:04

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

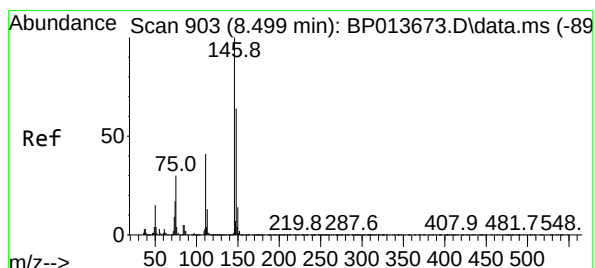
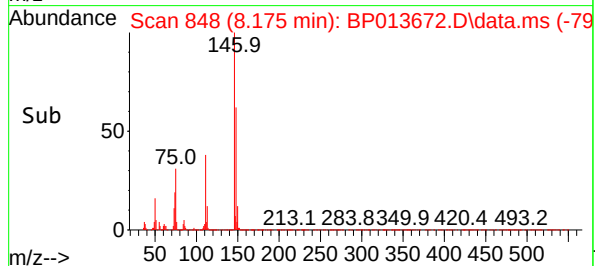
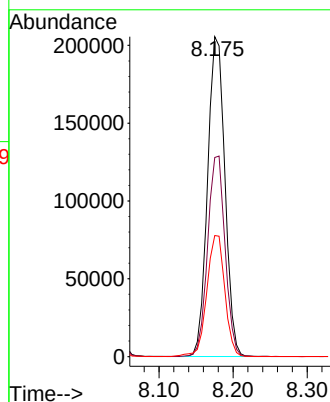
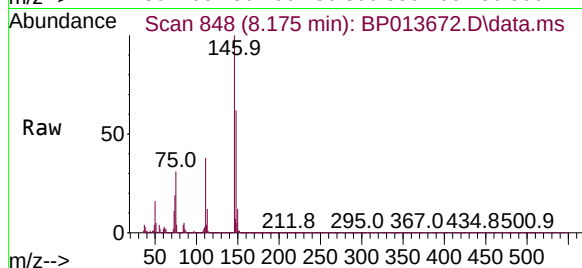
Tgt Ion:146 Resp: 334010

Ion Ratio Lower Upper

146 100

148 62.2 51.5 77.3

111 37.8 32.0 48.0



#14

1,2-Dichlorobenzene

Concen: 20.393 ng

RT: 8.499 min Scan# 903

Delta R.T. 0.000 min

Lab File: BP013672.D

Acq: 31 Jan 2023 13:04

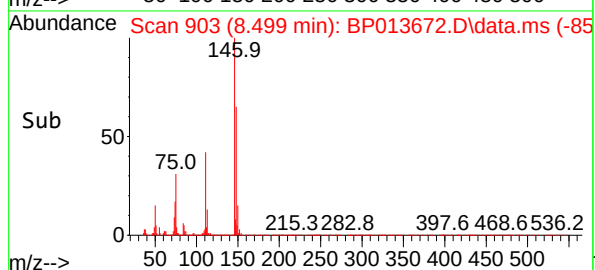
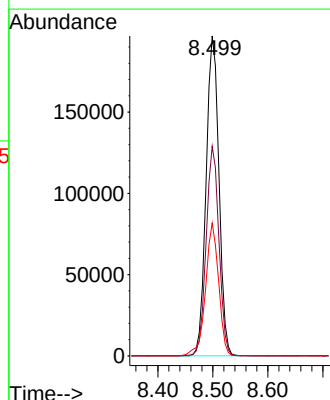
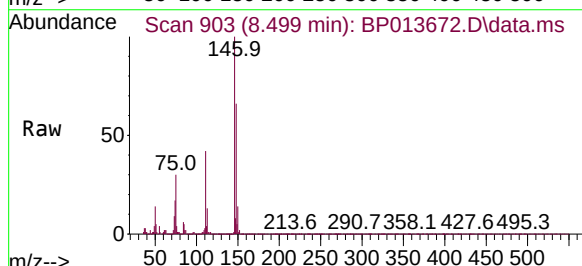
Tgt Ion:146 Resp: 317914

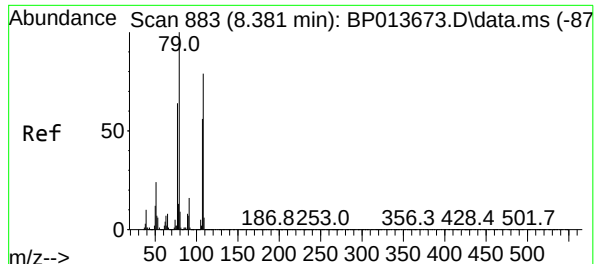
Ion Ratio Lower Upper

146 100

148 65.5 51.3 76.9

111 41.5 32.8 49.2





#15

Benzyl Alcohol

Concen: 19.689 ng

RT: 8.381 min Scan# 883

Delta R.T. 0.000 min

Lab File: BP013672.D

Acq: 31 Jan 2023 13:04

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

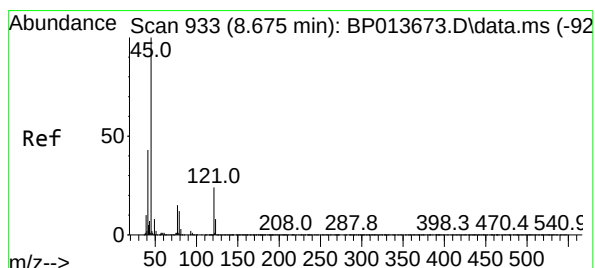
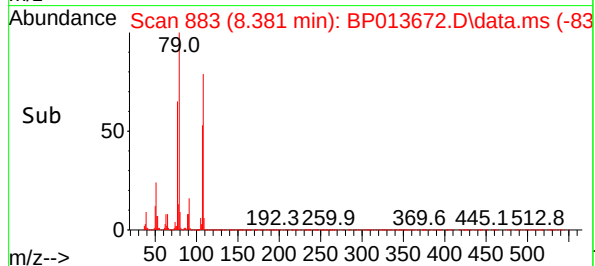
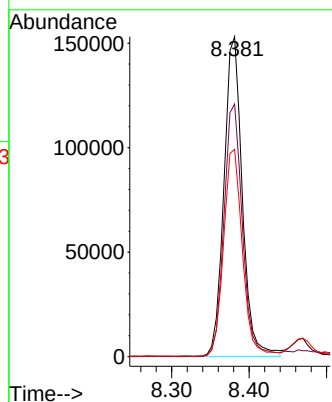
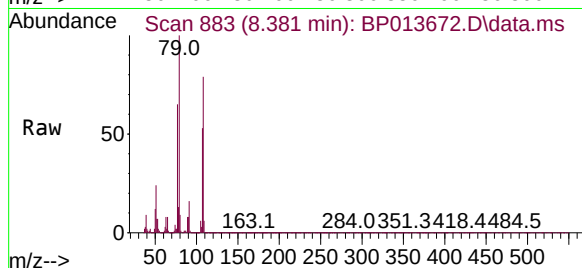
Tgt Ion: 79 Resp: 252183

Ion Ratio Lower Upper

79 100

108 78.9 62.9 94.3

77 64.8 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.269 ng

RT: 8.675 min Scan# 933

Delta R.T. 0.000 min

Lab File: BP013672.D

Acq: 31 Jan 2023 13:04

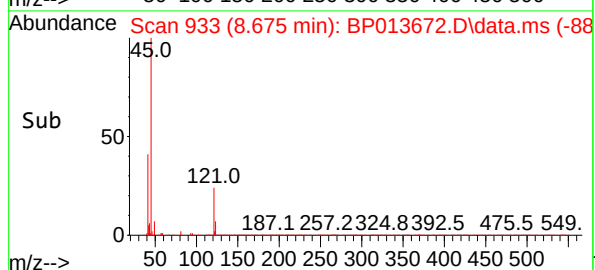
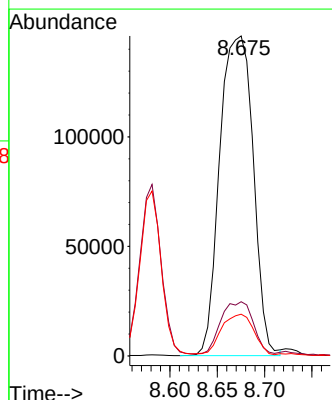
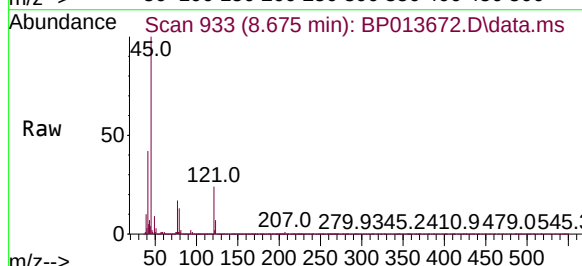
Tgt Ion: 45 Resp: 358679

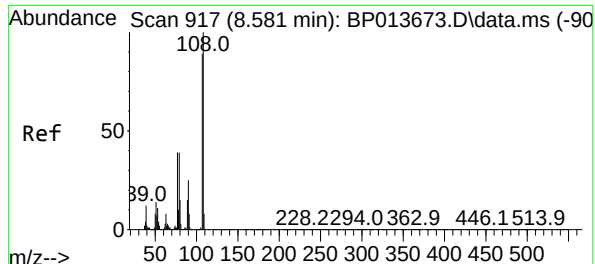
Ion Ratio Lower Upper

45 100

77 16.9 0.0 36.4

79 13.0 0.0 33.4





#17

2-Methylphenol

Concen: 20.324 ng

RT: 8.581 min Scan# 917

Delta R.T. 0.000 min

Lab File: BP013672.D

Acq: 31 Jan 2023 13:04

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:107 Resp: 269114

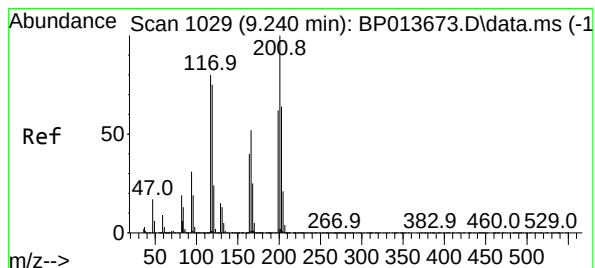
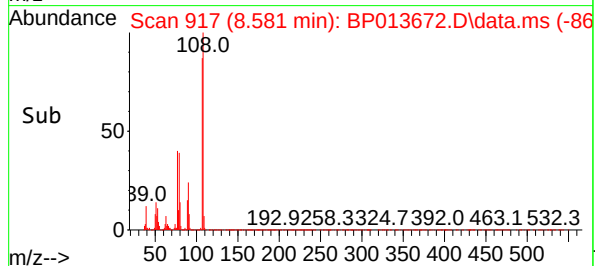
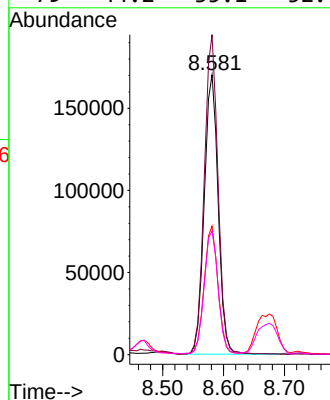
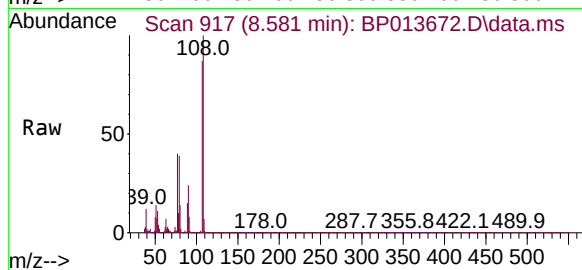
Ion Ratio Lower Upper

107 100

108 114.4 90.0 135.0

77 45.9 35.7 53.5

79 44.2 35.1 52.7



#18

Hexachloroethane

Concen: 19.878 ng

RT: 9.234 min Scan# 1028

Delta R.T. -0.006 min

Lab File: BP013672.D

Acq: 31 Jan 2023 13:04

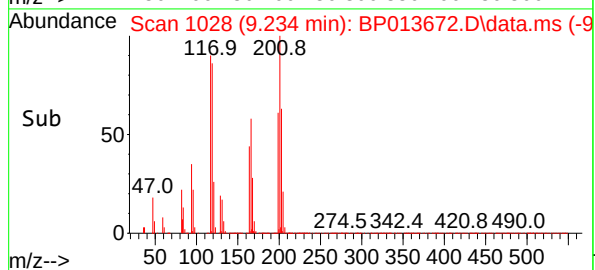
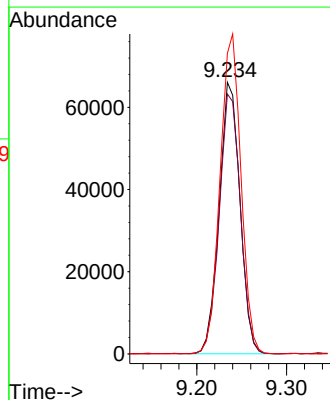
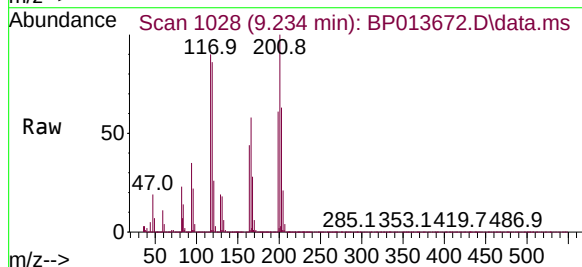
Tgt Ion:117 Resp: 106787

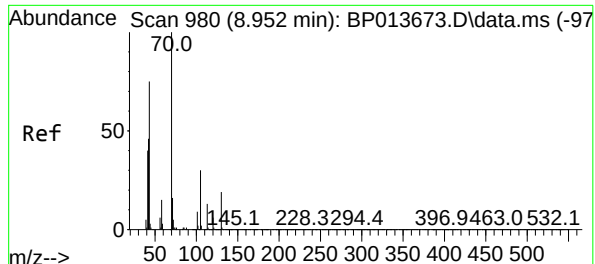
Ion Ratio Lower Upper

117 100

119 95.7 75.0 112.4

201 110.6 100.4 150.6





#19

n-Nitroso-di-n-propylamine

Concen: 20.515 ng

RT: 8.952 min Scan# 980

Delta R.T. -0.000 min

Lab File: BP013672.D

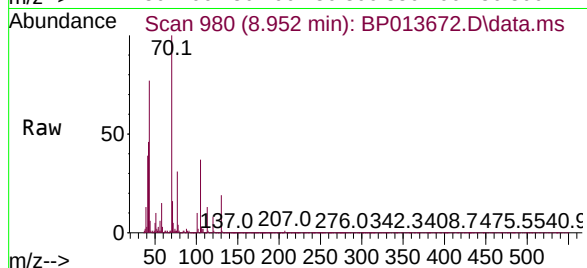
Acq: 31 Jan 2023 13:04

Instrument :

BNA_P

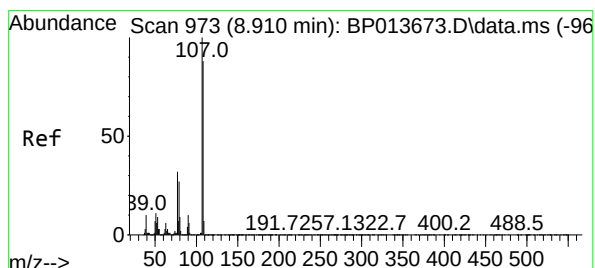
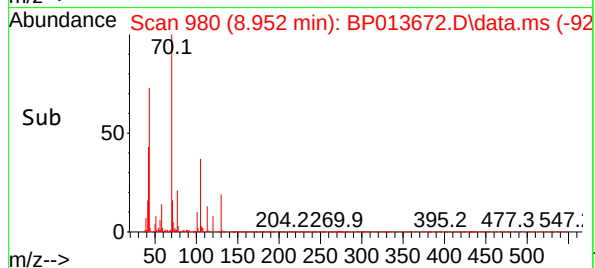
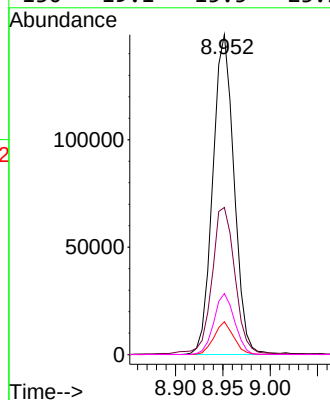
ClientSampleId :

SSTDICC020



Tgt Ion: 70 Resp: 232814

Ion	Ratio	Lower	Upper
70	100		
42	46.0	37.2	55.8
101	10.3	7.4	11.2
130	19.1	15.5	23.3



#20

3+4-Methylphenols

Concen: 20.251 ng

RT: 8.910 min Scan# 973

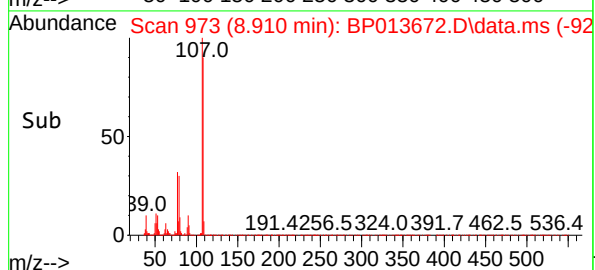
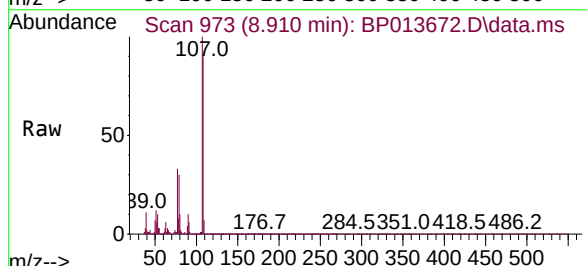
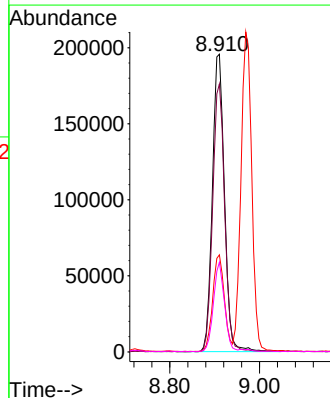
Delta R.T. 0.000 min

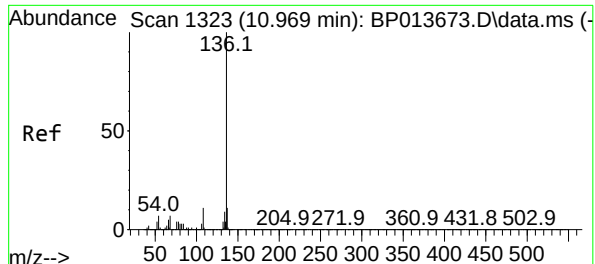
Lab File: BP013672.D

Acq: 31 Jan 2023 13:04

Tgt Ion: 107 Resp: 365815

Ion	Ratio	Lower	Upper
107	100		
108	90.0	67.7	107.7
77	32.6	12.0	52.0
79	30.1	7.5	47.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.969 min Scan# 1323

Delta R.T. 0.000 min

Lab File: BP013672.D

Acq: 31 Jan 2023 13:04

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:136 Resp: 864783

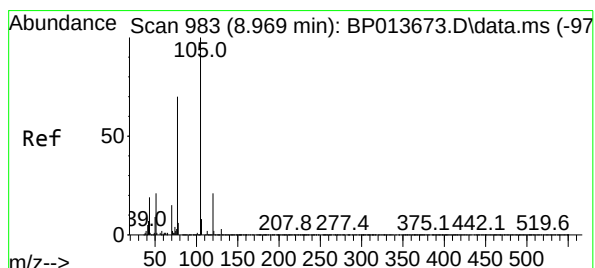
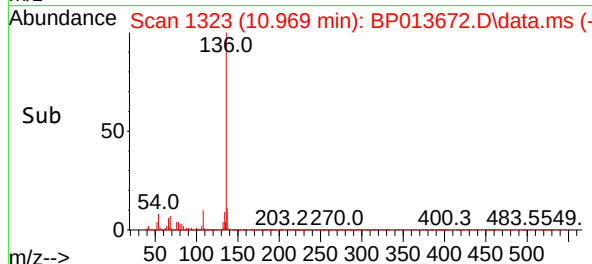
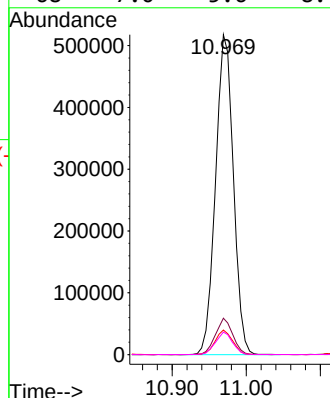
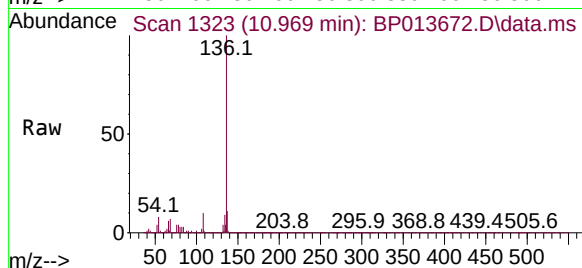
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 7.7 6.0 9.0

68 7.0 5.6 8.4



#22

Acetophenone

Concen: 20.277 ng

RT: 8.969 min Scan# 983

Delta R.T. 0.000 min

Lab File: BP013672.D

Acq: 31 Jan 2023 13:04

Tgt Ion:105 Resp: 457268

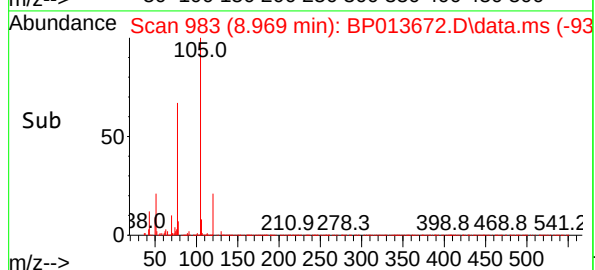
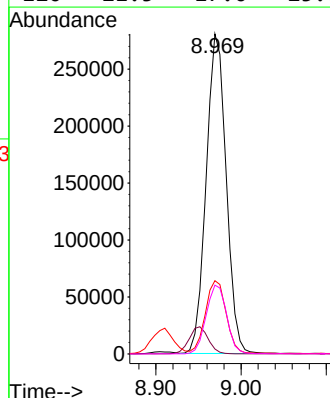
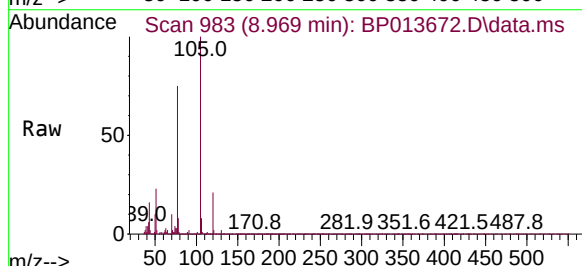
Ion Ratio Lower Upper

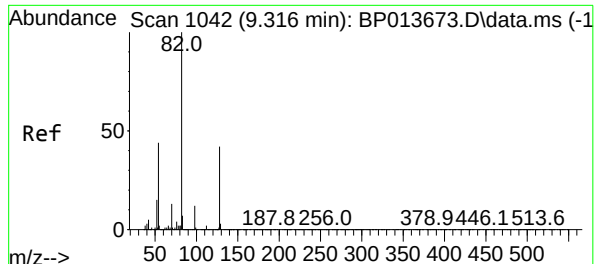
105 100

71 1.5 2.2 3.2#

51 22.9 18.6 27.8

120 21.5 17.0 25.6





#23

Nitrobenzene-d5

Concen: 39.399 ng

RT: 9.316 min Scan# 1042

Delta R.T. 0.000 min

Lab File: BP013672.D

Acq: 31 Jan 2023 13:04

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

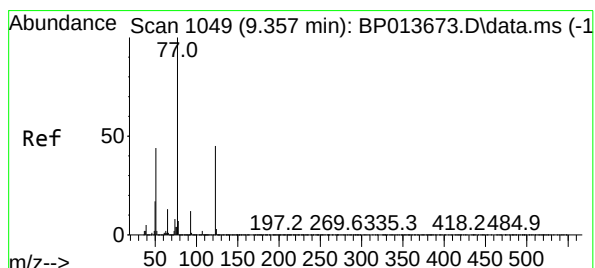
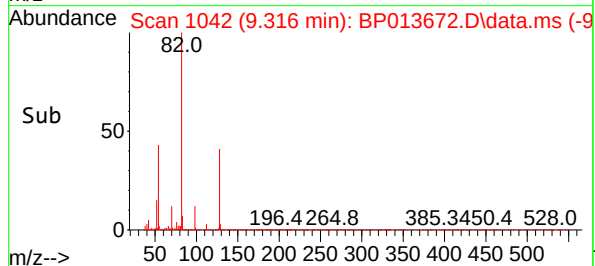
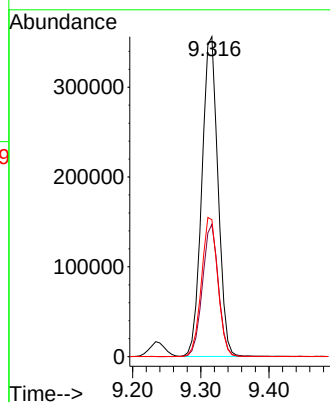
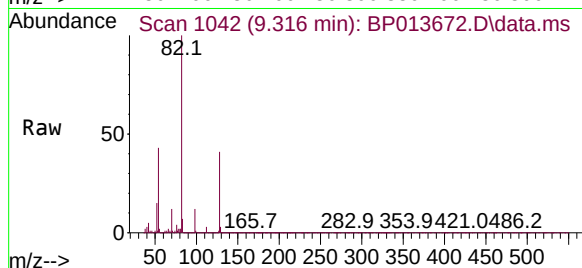
Tgt Ion: 82 Resp: 585728

Ion Ratio Lower Upper

82 100

128 41.3 33.4 50.0

54 42.8 35.4 53.0



#24

Nitrobenzene

Concen: 19.954 ng

RT: 9.357 min Scan# 1049

Delta R.T. 0.000 min

Lab File: BP013672.D

Acq: 31 Jan 2023 13:04

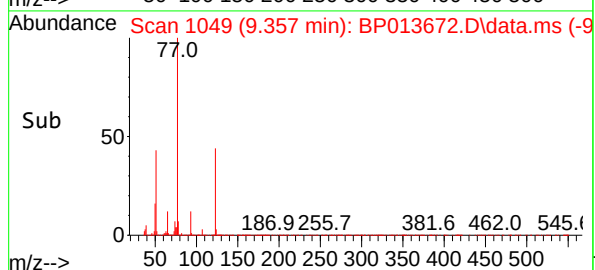
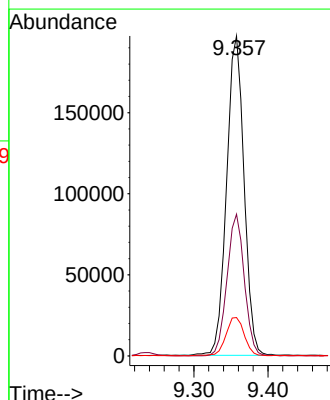
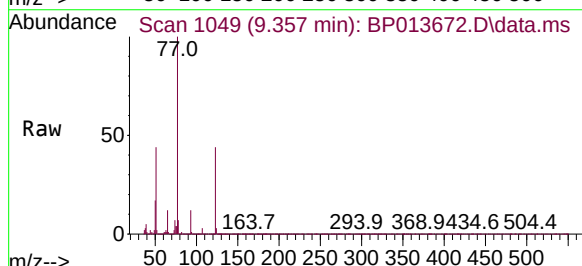
Tgt Ion: 77 Resp: 321768

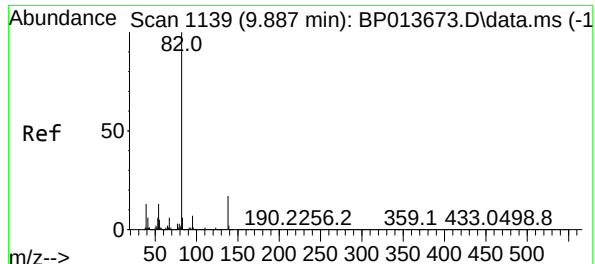
Ion Ratio Lower Upper

77 100

123 44.3 35.9 53.9

65 12.0 10.2 15.4





#25

Isophorone

Concen: 20.041 ng

RT: 9.887 min Scan# 1139

Delta R.T. -0.000 min

Lab File: BP013672.D

Acq: 31 Jan 2023 13:04

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

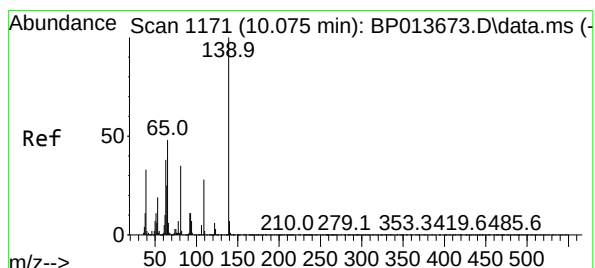
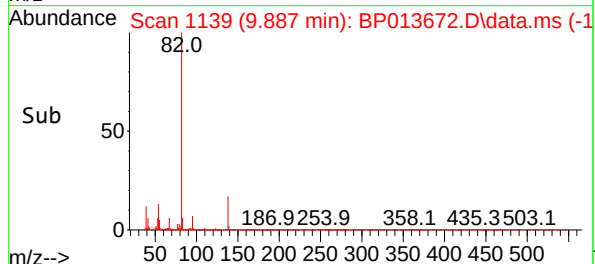
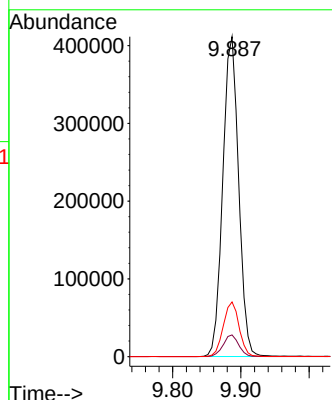
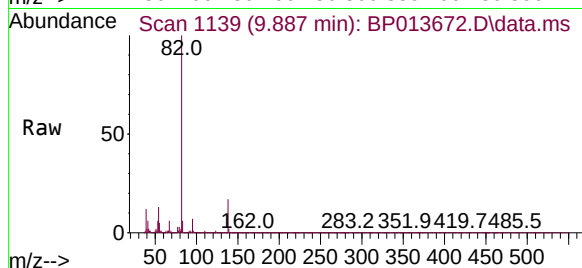
Tgt Ion: 82 Resp: 660366

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

138 17.1 13.9 20.9



#26

2-Nitrophenol

Concen: 18.889 ng

RT: 10.075 min Scan# 1171

Delta R.T. 0.000 min

Lab File: BP013672.D

Acq: 31 Jan 2023 13:04

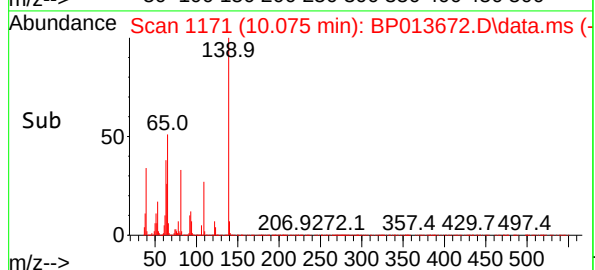
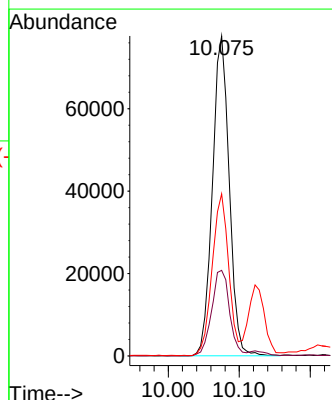
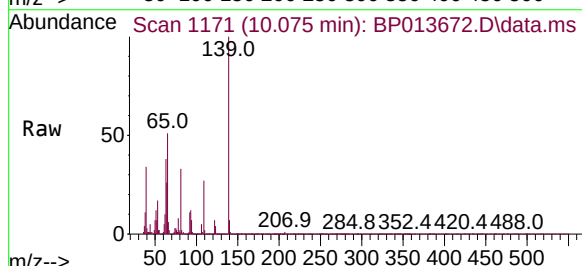
Tgt Ion: 139 Resp: 127494

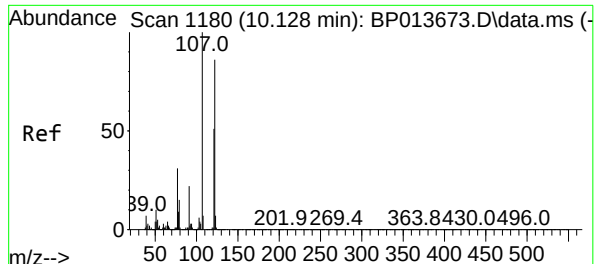
Ion Ratio Lower Upper

139 100

109 26.7 22.7 34.1

65 50.6 38.8 58.2

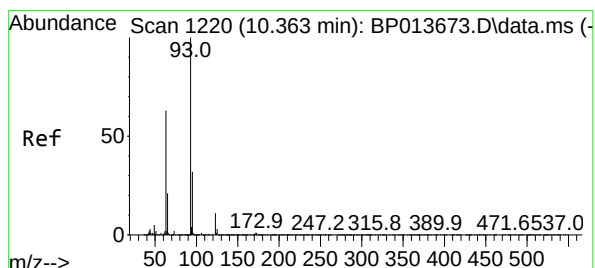
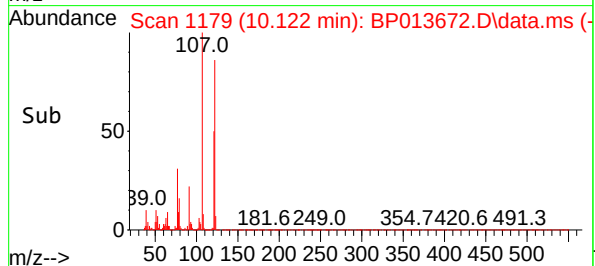
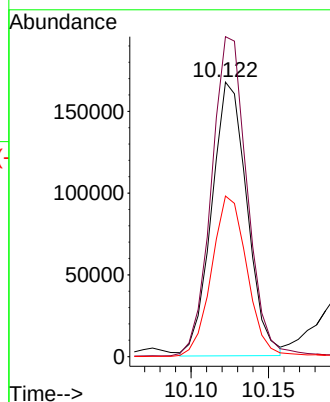
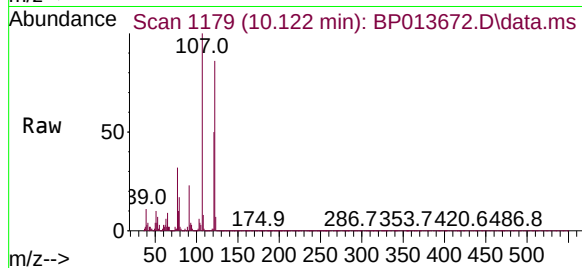




#27
2,4-Dimethylphenol
Concen: 19.253 ng
RT: 10.122 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

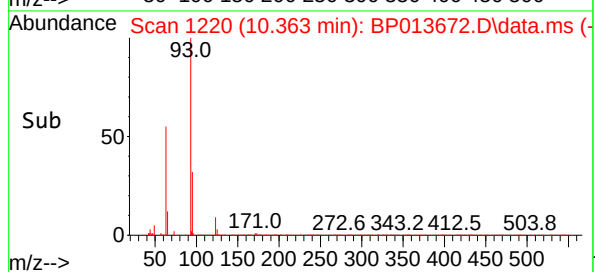
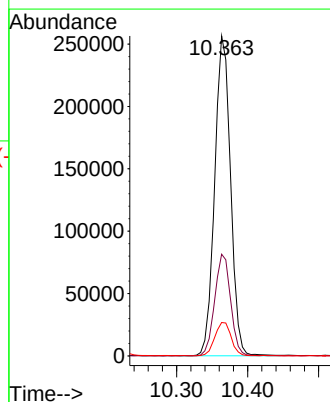
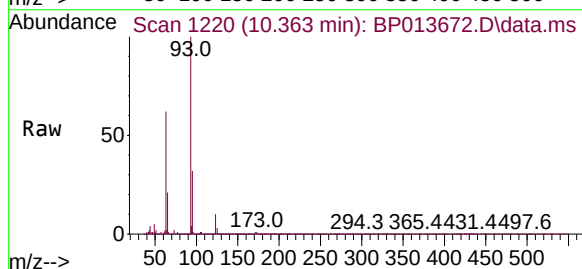
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

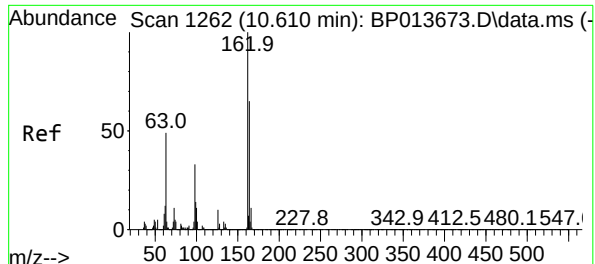
Tgt Ion:122 Resp: 266047
Ion Ratio Lower Upper
122 100
107 116.6 93.0 139.6
121 58.5 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 20.198 ng
RT: 10.363 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

Tgt Ion: 93 Resp: 398892
Ion Ratio Lower Upper
93 100
95 31.8 26.0 39.0
123 10.4 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 19.935 ng

RT: 10.610 min Scan# 1262

Delta R.T. 0.000 min

Lab File: BP013672.D

Acq: 31 Jan 2023 13:04

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

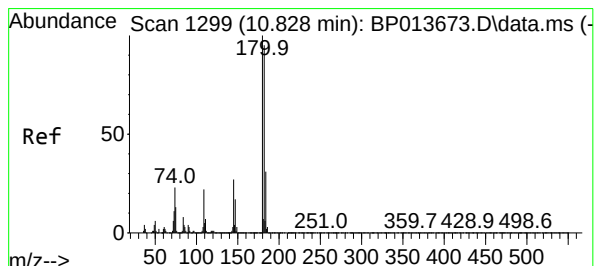
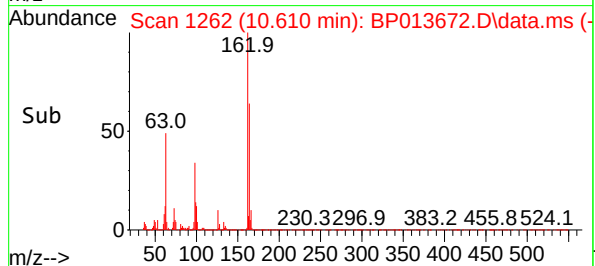
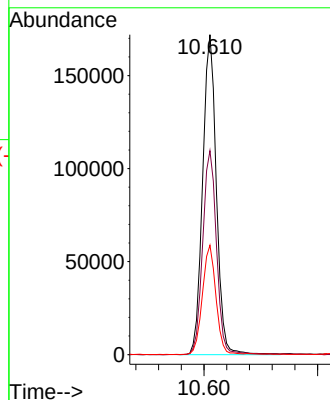
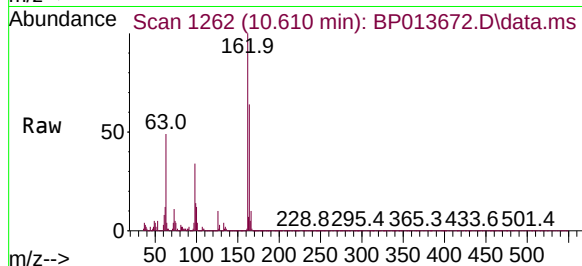
Tgt Ion:162 Resp: 288544

Ion Ratio Lower Upper

162 100

164 63.7 44.8 84.8

98 34.2 13.4 53.4



#30

1,2,4-Trichlorobenzene

Concen: 20.108 ng

RT: 10.828 min Scan# 1299

Delta R.T. 0.000 min

Lab File: BP013672.D

Acq: 31 Jan 2023 13:04

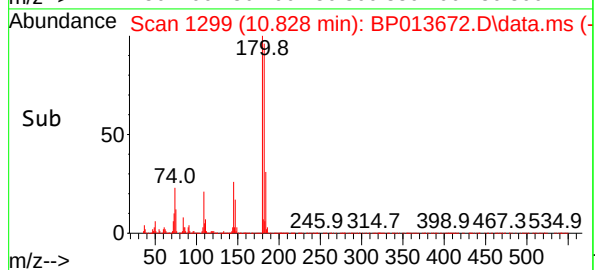
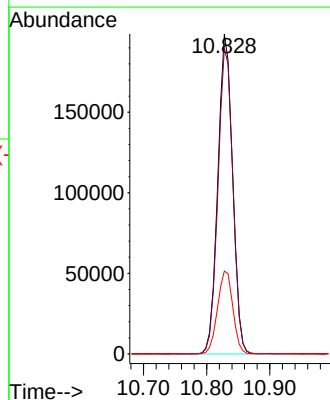
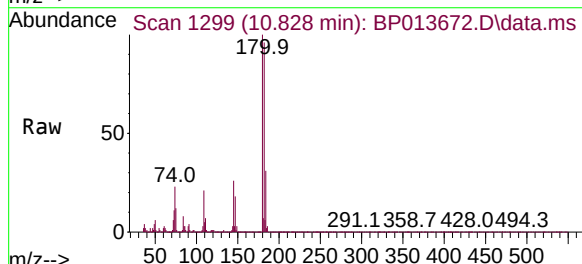
Tgt Ion:180 Resp: 322936

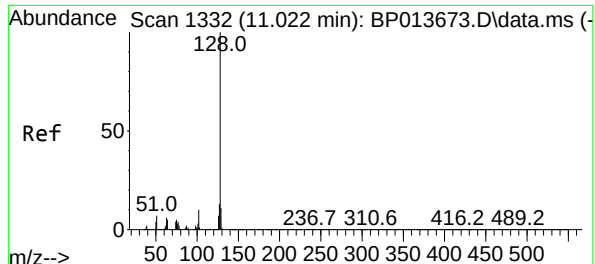
Ion Ratio Lower Upper

180 100

182 95.6 76.4 114.6

145 25.9 21.9 32.9





#31

Naphthalene

Concen: 20.275 ng

RT: 11.022 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BP013672.D

Acq: 31 Jan 2023 13:04

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

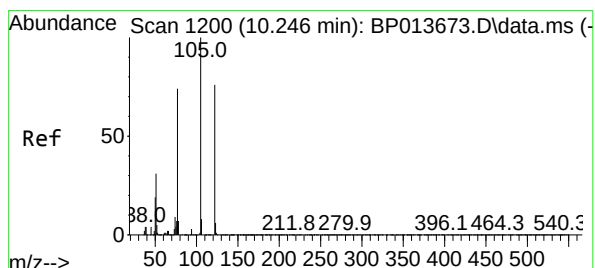
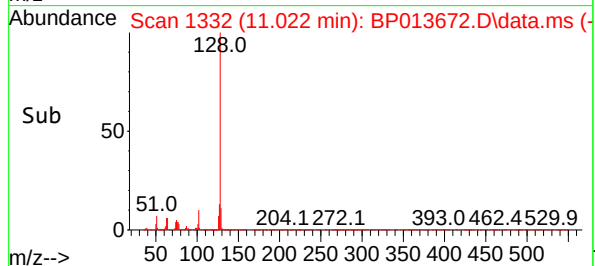
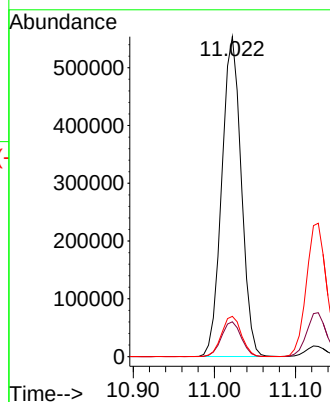
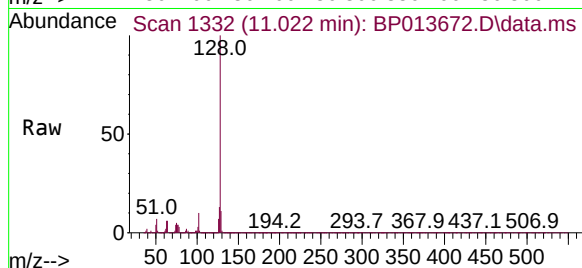
Tgt Ion:128 Resp: 921913

Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

127 12.6 10.5 15.7



#32

Benzoic acid

Concen: 18.096 ng

RT: 10.222 min Scan# 1196

Delta R.T. -0.024 min

Lab File: BP013672.D

Acq: 31 Jan 2023 13:04

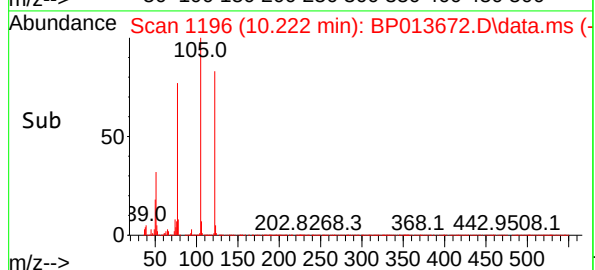
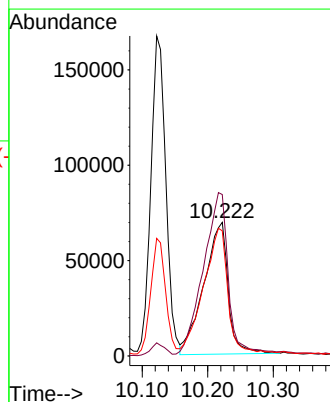
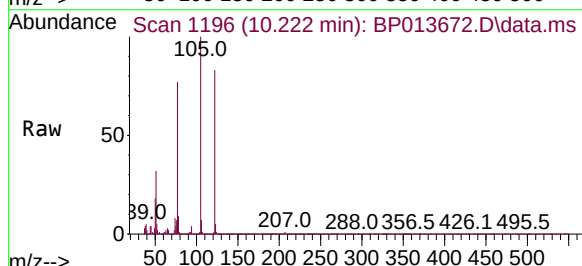
Tgt Ion:122 Resp: 178890

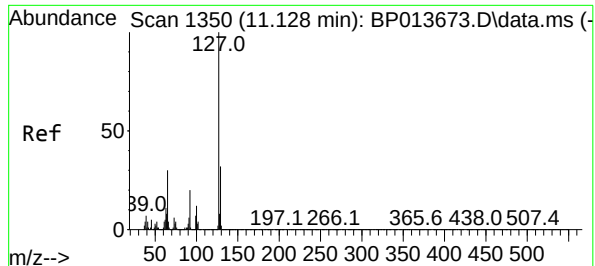
Ion Ratio Lower Upper

122 100

105 120.9 105.5 145.5

77 93.7 74.7 114.7





#33

4-Chloroaniline

Concen: 20.099 ng

RT: 11.128 min Scan# 1350

Delta R.T. 0.000 min

Lab File: BP013672.D

Acq: 31 Jan 2023 13:04

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:127 Resp: 401570

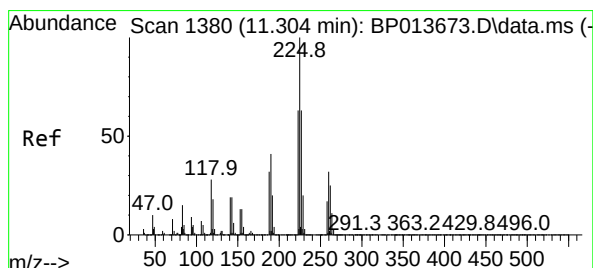
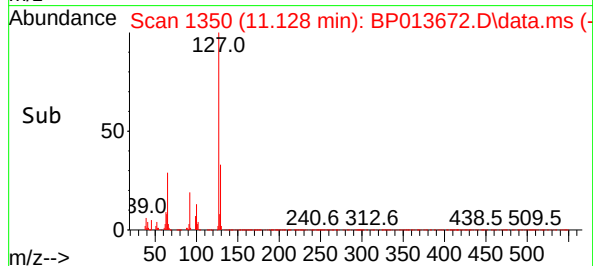
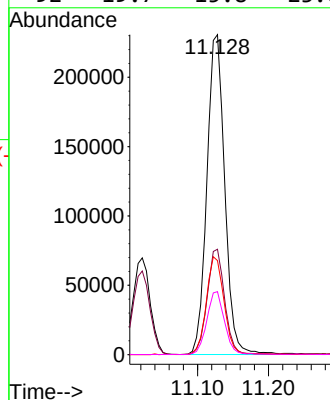
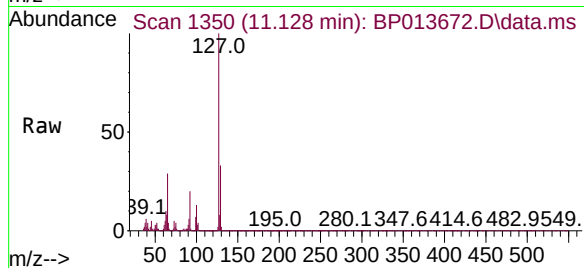
Ion Ratio Lower Upper

127 100

129 32.9 25.3 37.9

65 29.4 23.8 35.8

92 19.7 15.8 23.6



#34

Hexachlorobutadiene

Concen: 19.843 ng

RT: 11.304 min Scan# 1380

Delta R.T. 0.000 min

Lab File: BP013672.D

Acq: 31 Jan 2023 13:04

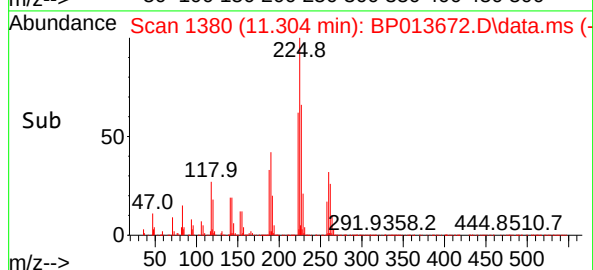
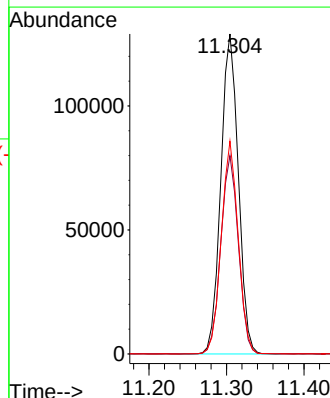
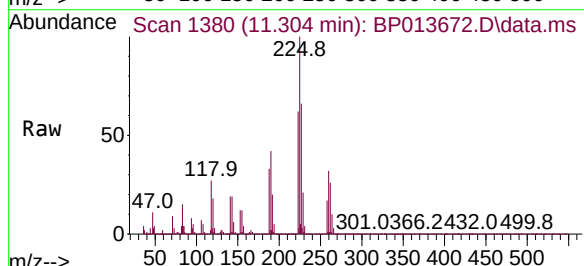
Tgt Ion:225 Resp: 202285

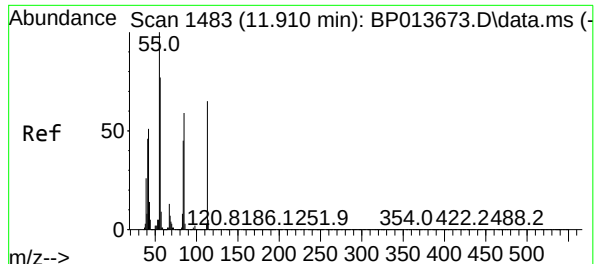
Ion Ratio Lower Upper

225 100

223 62.0 50.5 75.7

227 66.5 50.6 75.8

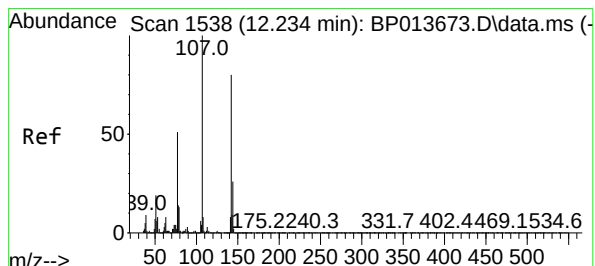
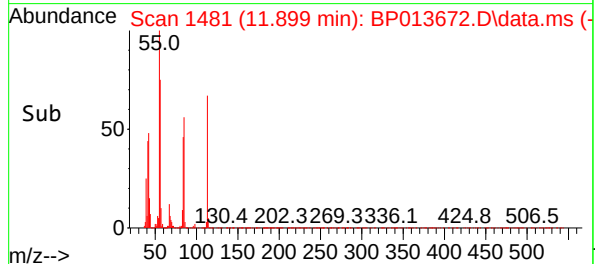
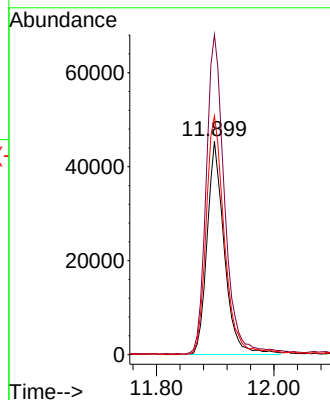
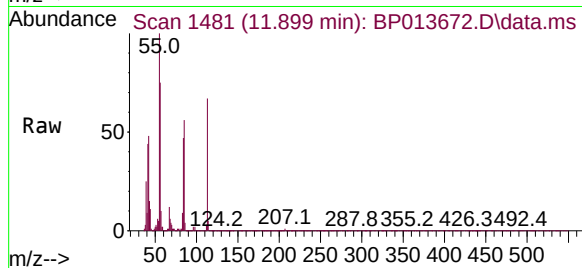




#35
Caprolactam
Concen: 19.502 ng
RT: 11.899 min Scan# 1481
Delta R.T. -0.012 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

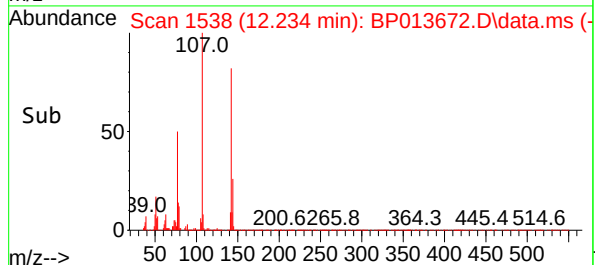
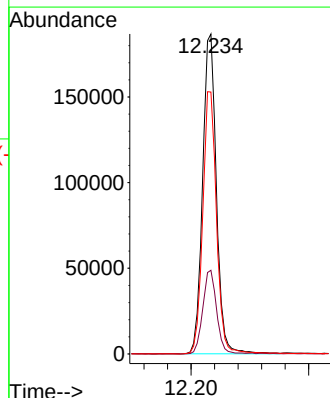
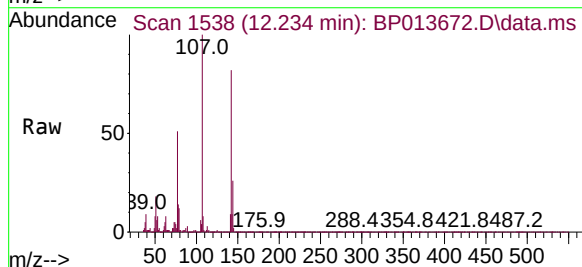
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

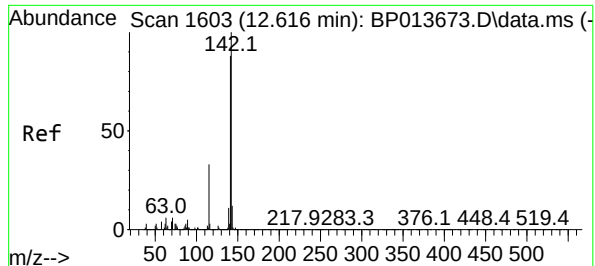
Tgt Ion:113 Resp: 92339
Ion Ratio Lower Upper
113 100
55 150.0 133.0 173.0
56 112.0 97.4 137.4



#36
4-Chloro-3-methylphenol
Concen: 19.975 ng
RT: 12.234 min Scan# 1538
Delta R.T. 0.000 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

Tgt Ion:107 Resp: 304116
Ion Ratio Lower Upper
107 100
144 26.1 20.8 31.2
142 81.8 64.0 96.0

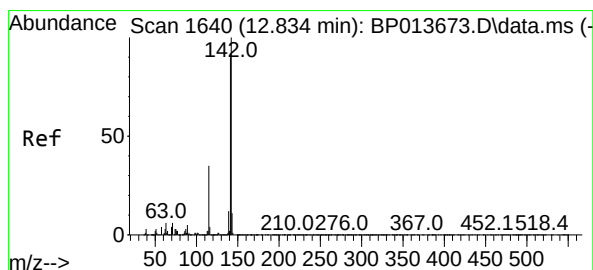
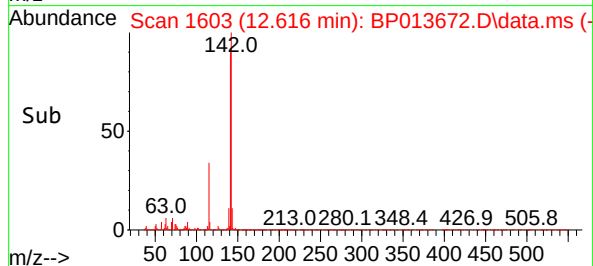
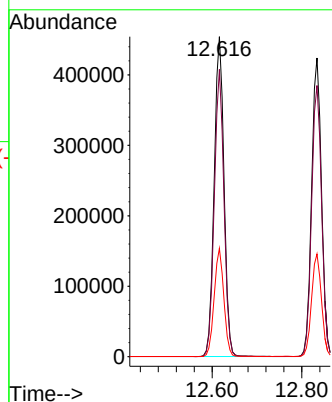
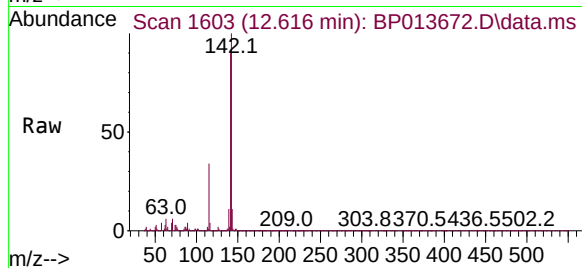




#37
2-Methylnaphthalene
Concen: 20.261 ng
RT: 12.616 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

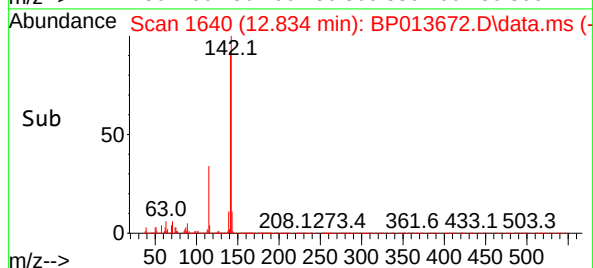
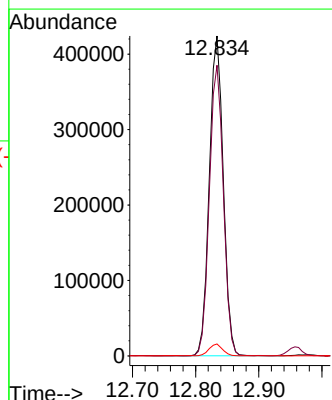
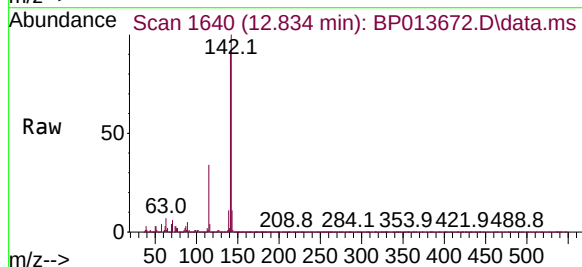
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

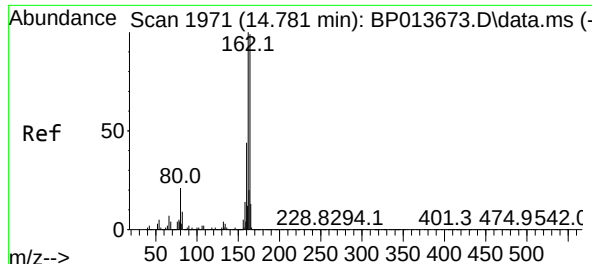
Tgt Ion:142 Resp: 692719
Ion Ratio Lower Upper
142 100
141 89.7 70.3 105.5
115 33.8 26.4 39.6



#38
1-Methylnaphthalene
Concen: 20.275 ng
RT: 12.834 min Scan# 1640
Delta R.T. 0.000 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

Tgt Ion:142 Resp: 651141
Ion Ratio Lower Upper
142 100
141 90.8 72.2 108.4
116 3.8 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.775 min Scan# 1971

Delta R.T. -0.006 min

Lab File: BP013672.D

Acq: 31 Jan 2023 13:04

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

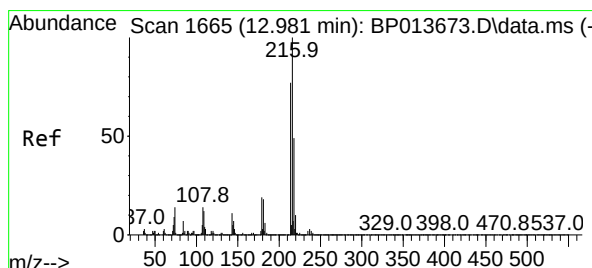
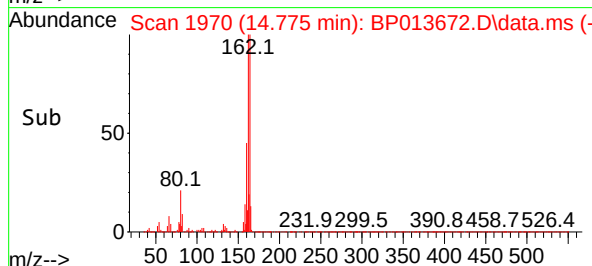
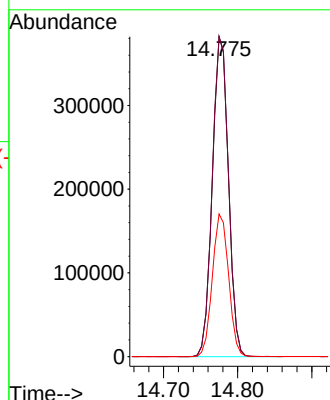
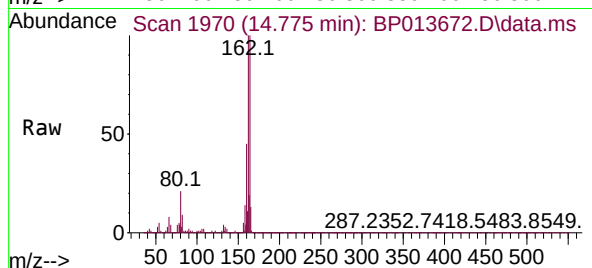
Tgt Ion:164 Resp: 574867

Ion Ratio Lower Upper

164 100

162 100.0 80.8 121.2

160 44.6 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 20.057 ng

RT: 12.975 min Scan# 1664

Delta R.T. -0.006 min

Lab File: BP013672.D

Acq: 31 Jan 2023 13:04

Tgt Ion:216 Resp: 393637

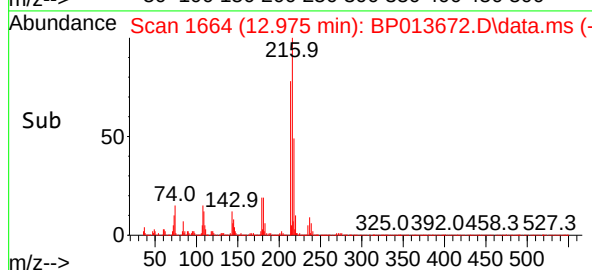
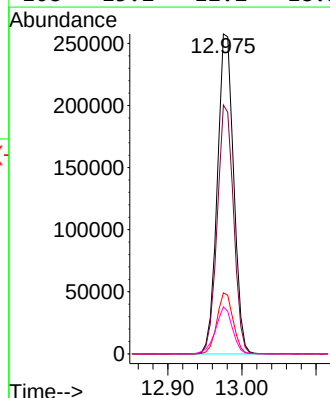
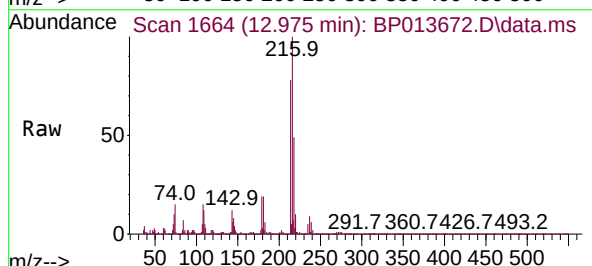
Ion Ratio Lower Upper

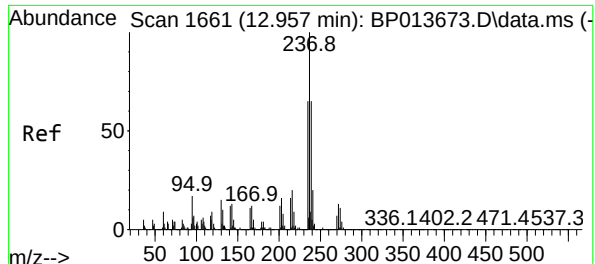
216 100

214 77.6 62.6 94.0

179 18.9 15.2 22.8

108 15.2 12.2 18.2

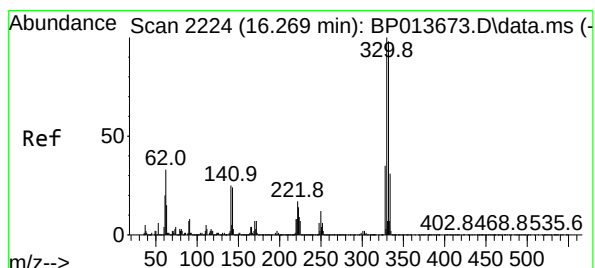
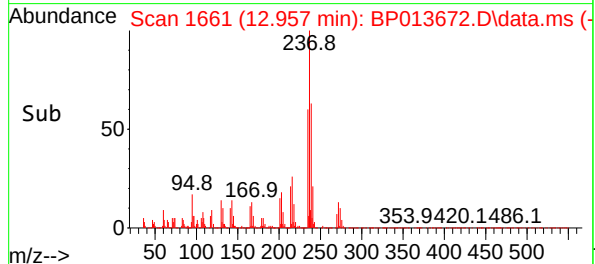
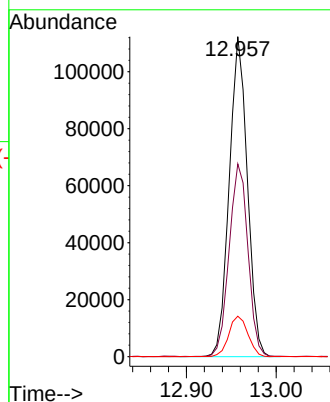
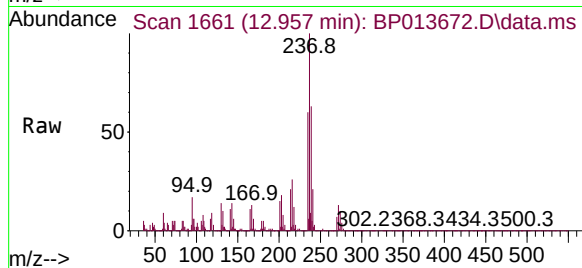




#41
Hexachlorocyclopentadiene
Concen: 17.611 ng
RT: 12.957 min Scan# 1661
Delta R.T. 0.000 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

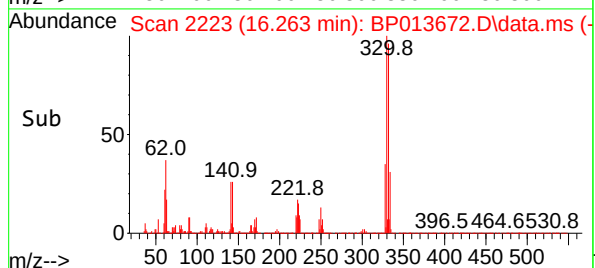
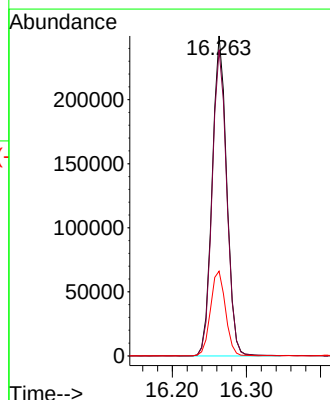
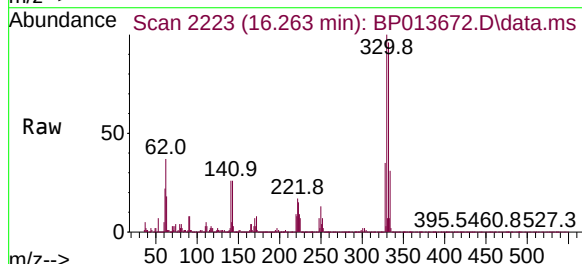
Instrument :
BNA_P
ClientSampleId :
SSTDIC020

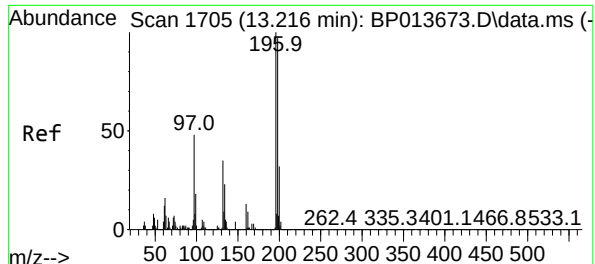
Tgt Ion: 237 Resp: 157754
Ion Ratio Lower Upper
237 100
235 60.2 44.6 84.6
272 12.6 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 39.383 ng
RT: 16.263 min Scan# 2223
Delta R.T. -0.006 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

Tgt Ion: 330 Resp: 339579
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.2
141 27.3 21.3 31.9





#43

2,4,6-Trichlorophenol

Concen: 20.036 ng

RT: 13.210 min Scan# 1705

Delta R.T. -0.006 min

Lab File: BP013672.D

Acq: 31 Jan 2023 13:04

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

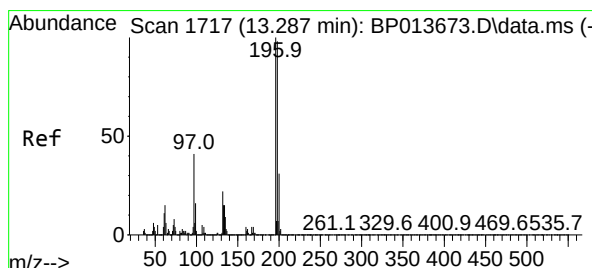
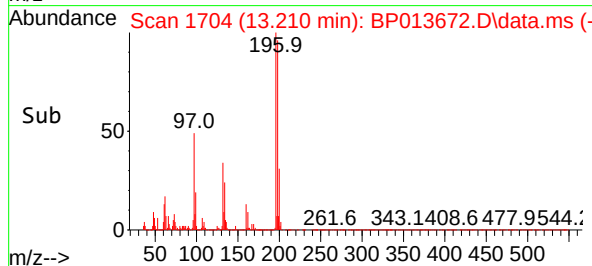
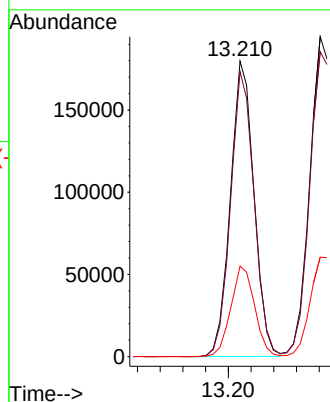
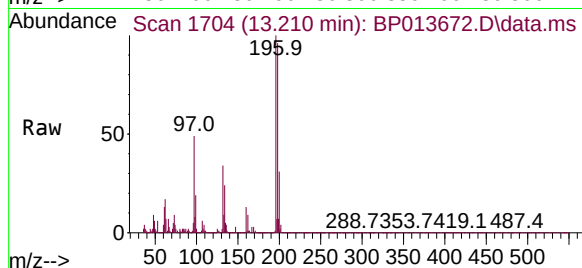
Tgt Ion:196 Resp: 258934

Ion Ratio Lower Upper

196 100

198 96.4 77.5 116.3

200 30.6 25.3 37.9



#44

2,4,5-Trichlorophenol

Concen: 20.029 ng

RT: 13.281 min Scan# 1716

Delta R.T. -0.006 min

Lab File: BP013672.D

Acq: 31 Jan 2023 13:04

Tgt Ion:196 Resp: 303065

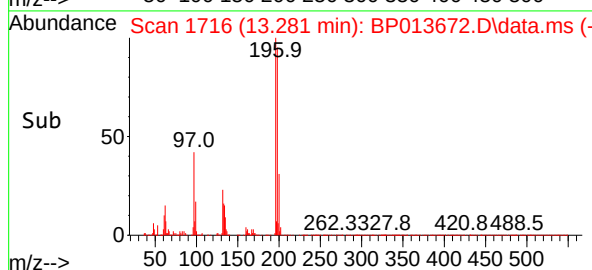
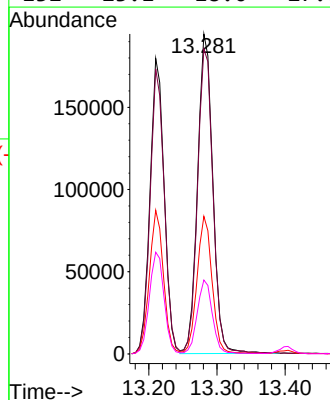
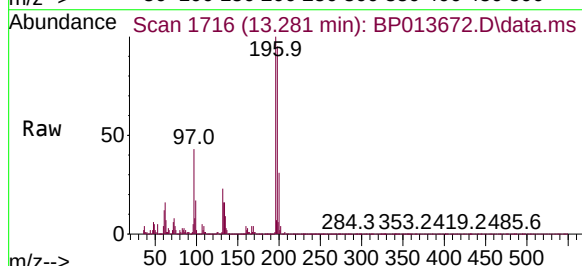
Ion Ratio Lower Upper

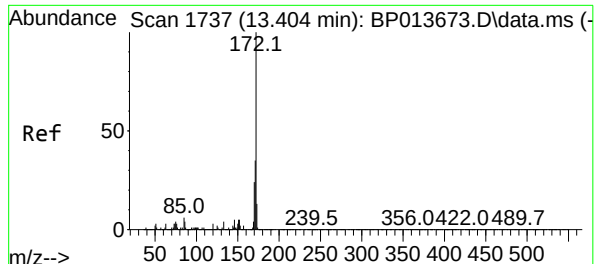
196 100

198 95.3 78.2 117.2

97 43.0 33.2 49.8

132 23.1 18.0 27.0





#45

2-Fluorobiphenyl

Concen: 41.348 ng

RT: 13.404 min Scan# 1737

Delta R.T. 0.000 min

Lab File: BP013672.D

Acq: 31 Jan 2023 13:04

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

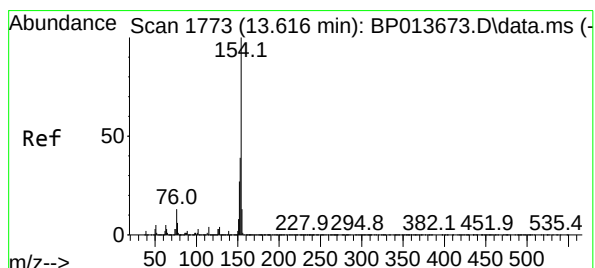
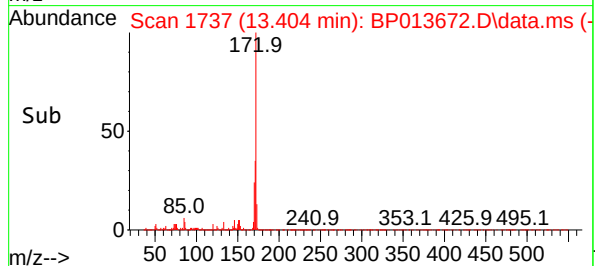
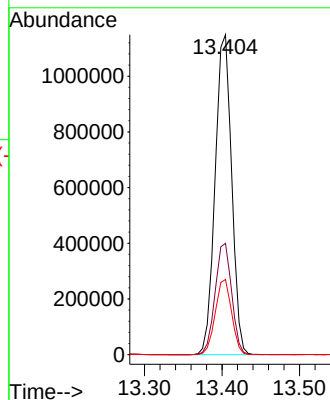
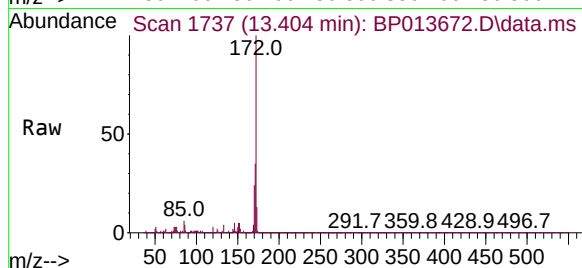
Tgt Ion:172 Resp: 1698701

Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.2

170 23.5 19.0 28.4



#46

1,1'-Biphenyl

Concen: 20.501 ng

RT: 13.610 min Scan# 1772

Delta R.T. -0.006 min

Lab File: BP013672.D

Acq: 31 Jan 2023 13:04

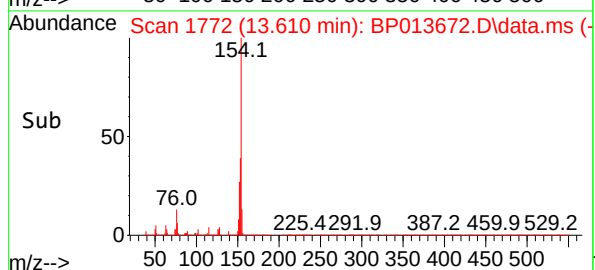
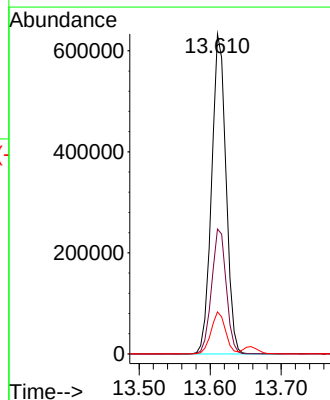
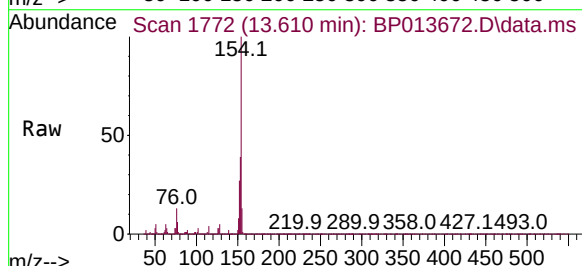
Tgt Ion:154 Resp: 891842

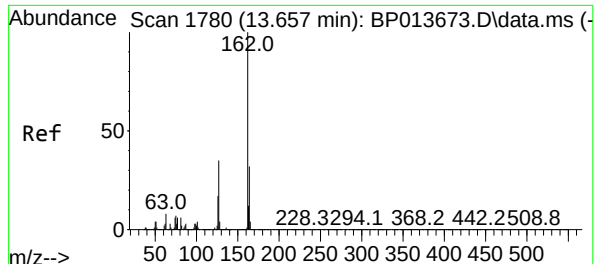
Ion Ratio Lower Upper

154 100

153 39.0 19.3 59.3

76 13.1 0.0 33.1





#47

2-Chloronaphthalene

Concen: 20.486 ng

RT: 13.657 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP013672.D

Acq: 31 Jan 2023 13:04

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

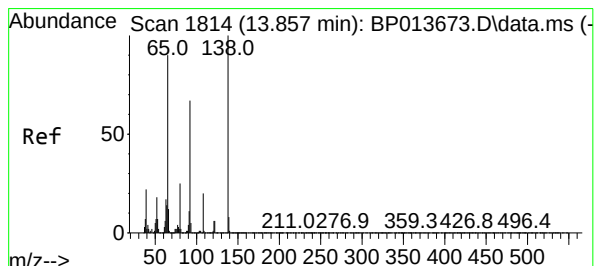
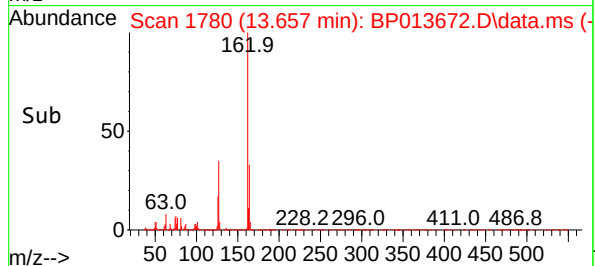
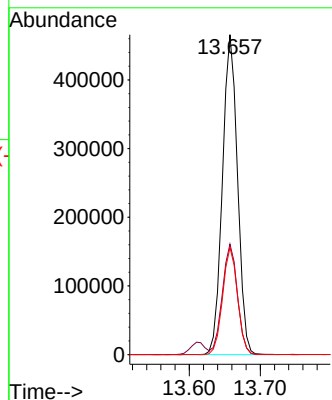
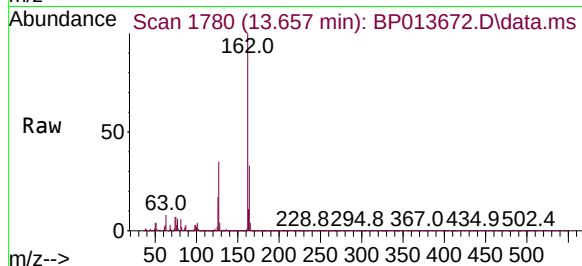
Tgt Ion:162 Resp: 688869

Ion Ratio Lower Upper

162 100

127 34.5 28.3 42.5

164 33.5 25.9 38.9



#48

2-Nitroaniline

Concen: 18.188 ng

RT: 13.857 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BP013672.D

Acq: 31 Jan 2023 13:04

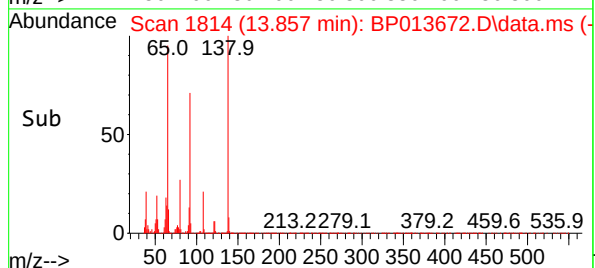
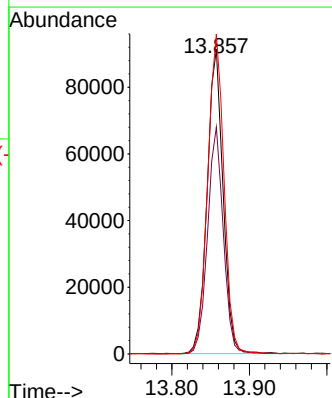
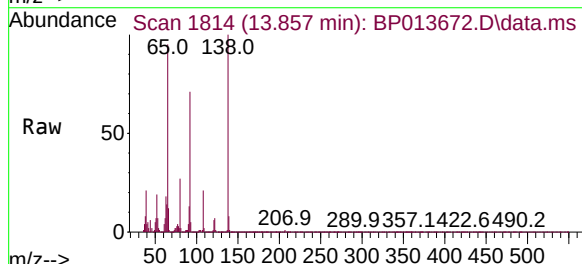
Tgt Ion: 65 Resp: 130687

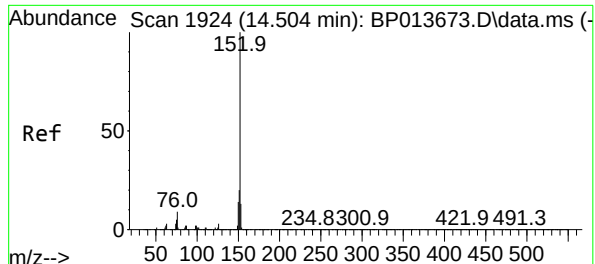
Ion Ratio Lower Upper

65 100

92 74.5 59.4 89.0

138 105.0 88.6 133.0





#49

Acenaphthylene

Concen: 20.392 ng

RT: 14.498 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BP013672.D

Acq: 31 Jan 2023 13:04

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

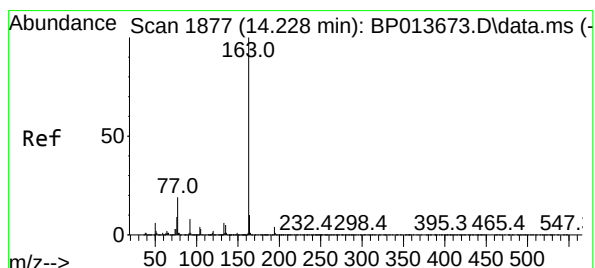
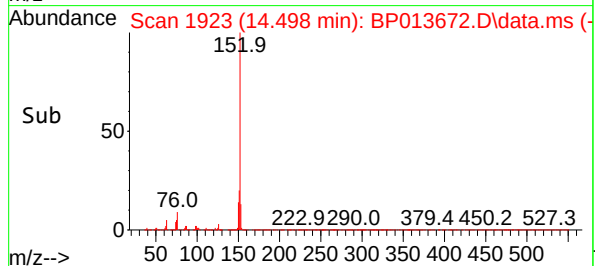
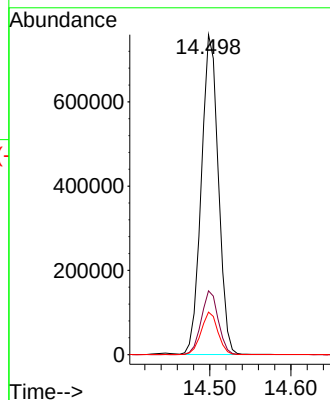
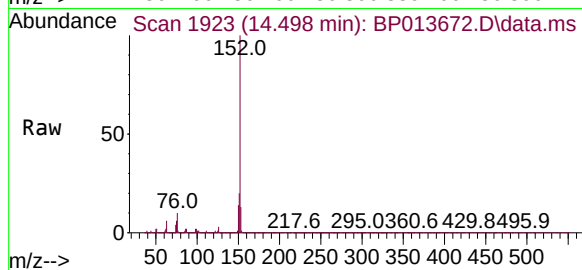
Tgt Ion:152 Resp: 1105805

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.6

153 13.3 10.4 15.6



#50

Dimethylphthalate

Concen: 20.316 ng

RT: 14.222 min Scan# 1876

Delta R.T. -0.006 min

Lab File: BP013672.D

Acq: 31 Jan 2023 13:04

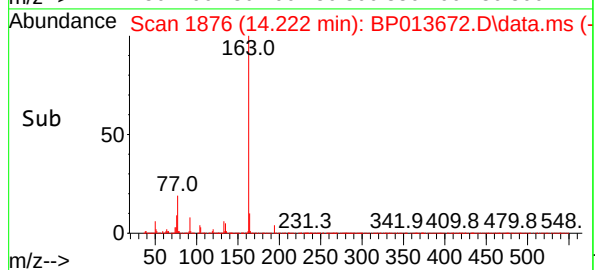
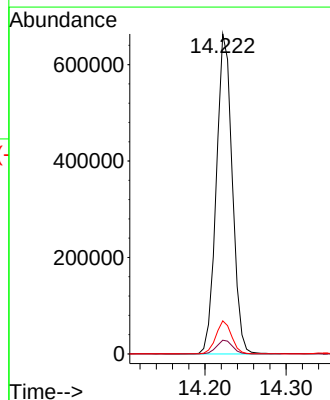
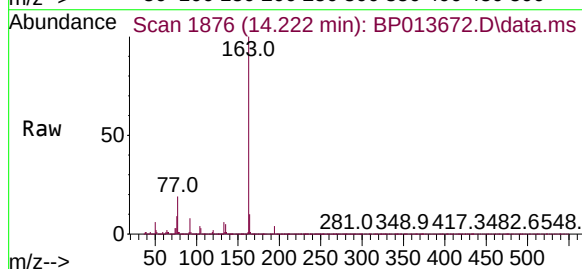
Tgt Ion:163 Resp: 903323

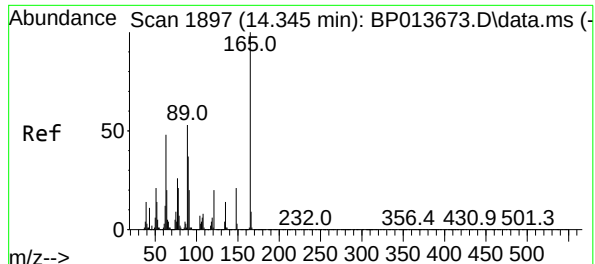
Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

164 10.3 8.4 12.6

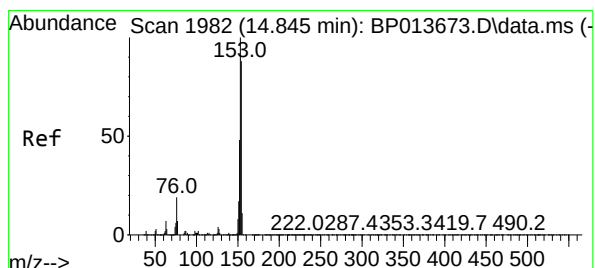
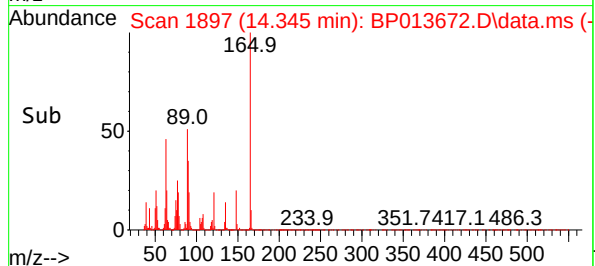
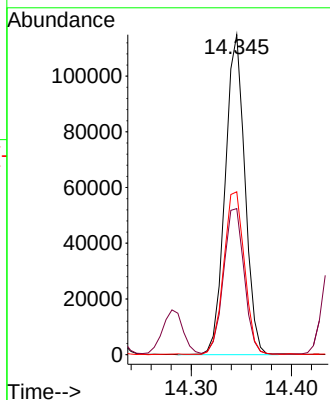
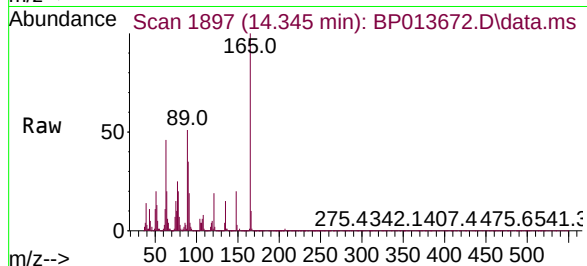




#51
2,6-Dinitrotoluene
Concen: 19.787 ng
RT: 14.345 min Scan# 1897
Delta R.T. 0.000 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

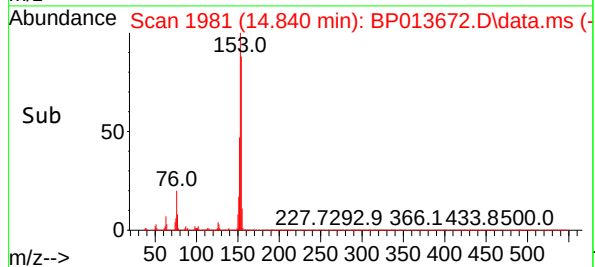
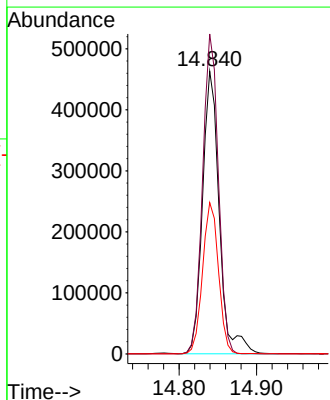
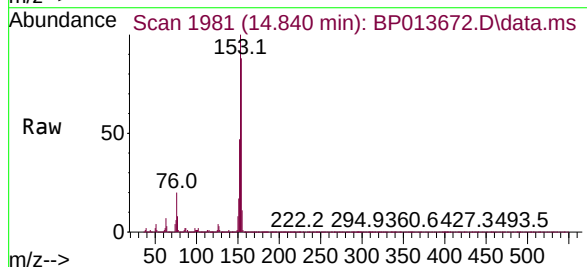
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

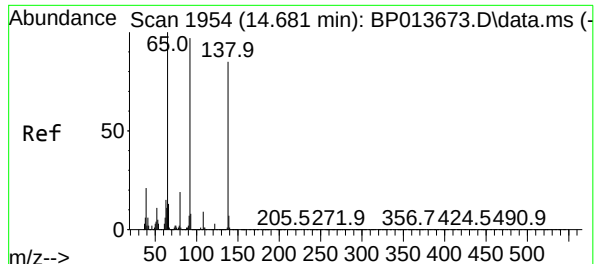
Tgt Ion:165 Resp: 157246
Ion Ratio Lower Upper
165 100
63 45.6 39.8 59.6
89 50.9 42.4 63.6



#52
Acenaphthene
Concen: 20.563 ng
RT: 14.840 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

Tgt Ion:154 Resp: 695528
Ion Ratio Lower Upper
154 100
153 113.2 90.6 135.8
152 53.5 43.4 65.0

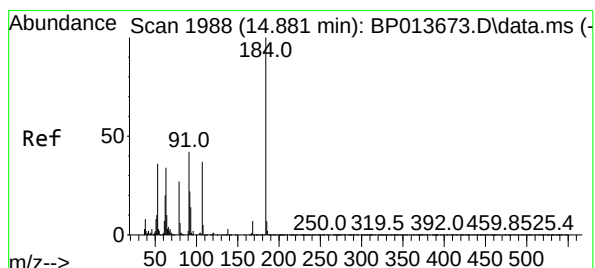
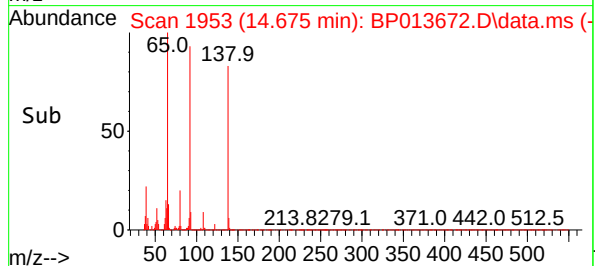
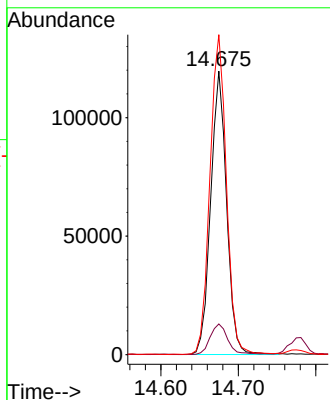
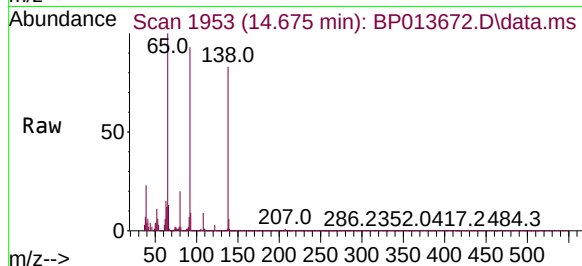




#53
3-Nitroaniline
Concen: 19.702 ng
RT: 14.675 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

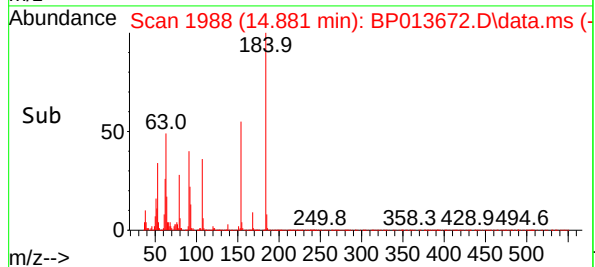
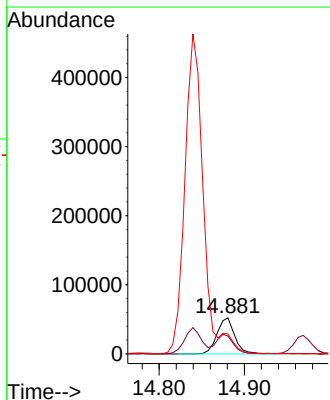
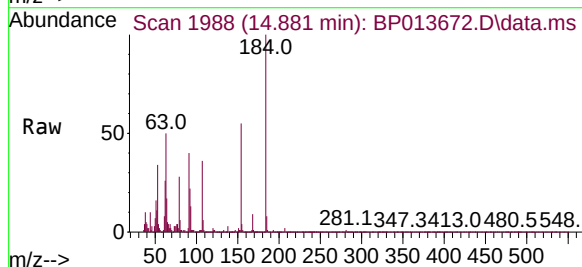
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

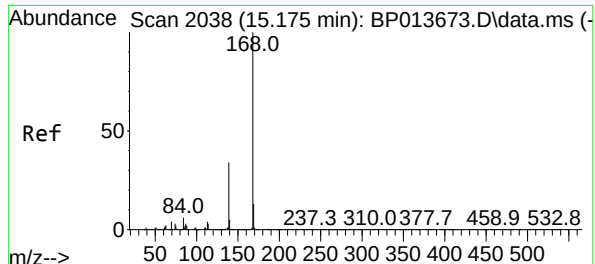
Tgt Ion:138 Resp: 170753
Ion Ratio Lower Upper
138 100
108 10.8 8.5 12.7
92 112.9 91.5 137.3



#54
2,4-Dinitrophenol
Concen: 15.563 ng
RT: 14.881 min Scan# 1988
Delta R.T. -0.000 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

Tgt Ion:184 Resp: 75274
Ion Ratio Lower Upper
184 100
63 49.6 41.4 62.0
154 55.2 44.3 66.5

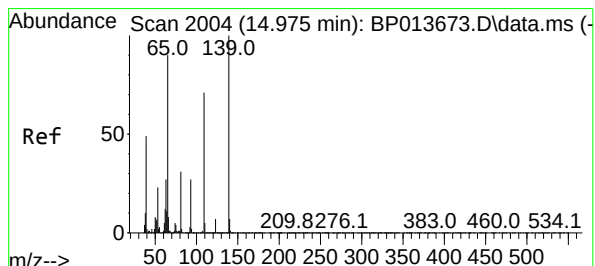
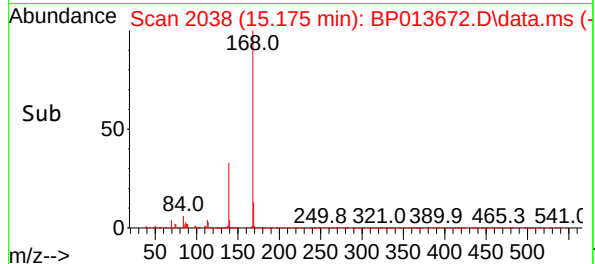
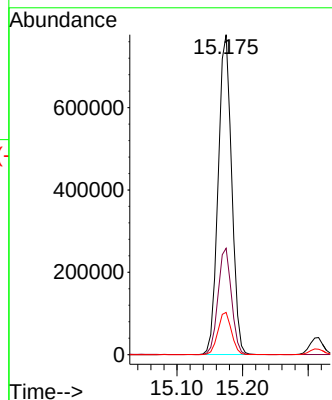
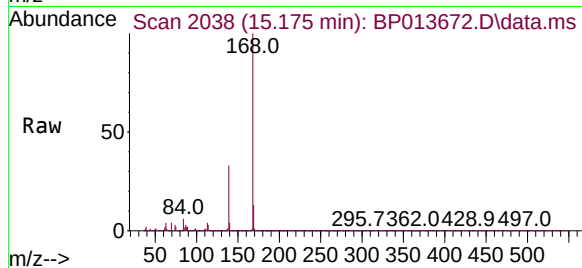




#55
Dibenzofuran
Concen: 20.354 ng
RT: 15.175 min Scan# 2038
Delta R.T. 0.000 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

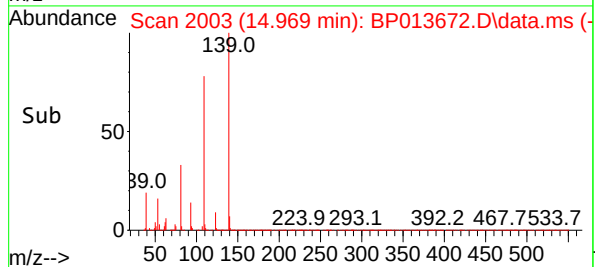
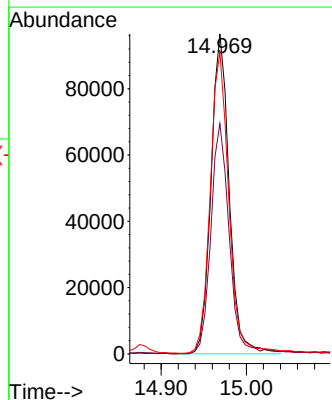
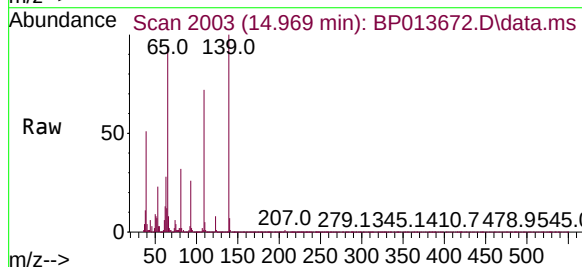
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

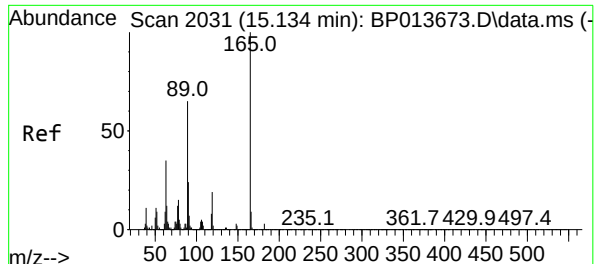
Tgt Ion:168 Resp: 1112099
Ion Ratio Lower Upper
168 100
139 33.2 27.4 41.2
169 13.2 10.7 16.1



#56
4-Nitrophenol
Concen: 18.557 ng
RT: 14.969 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

Tgt Ion:139 Resp: 143063
Ion Ratio Lower Upper
139 100
109 71.9 50.9 90.9
65 94.3 70.0 110.0

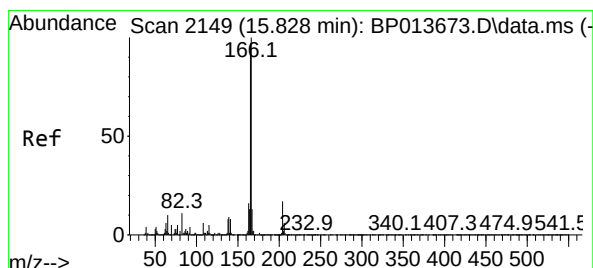
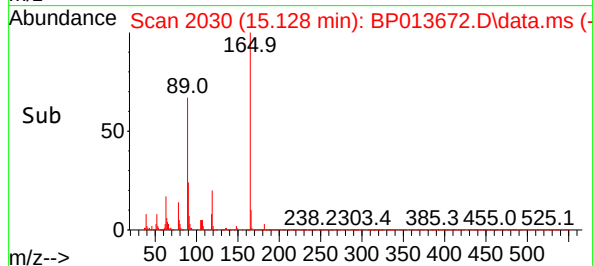
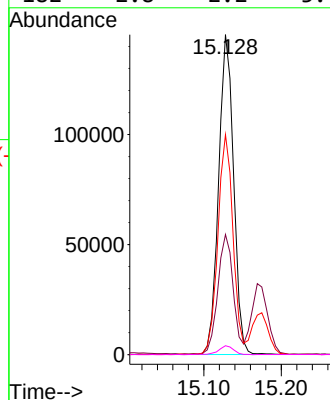
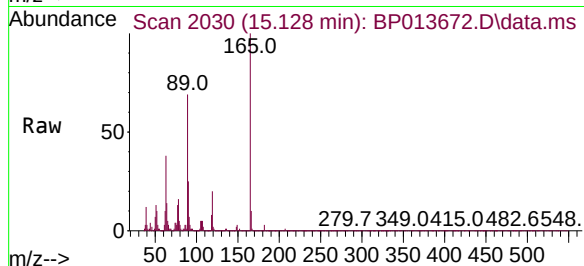




#57
2,4-Dinitrotoluene
Concen: 18.832 ng
RT: 15.128 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

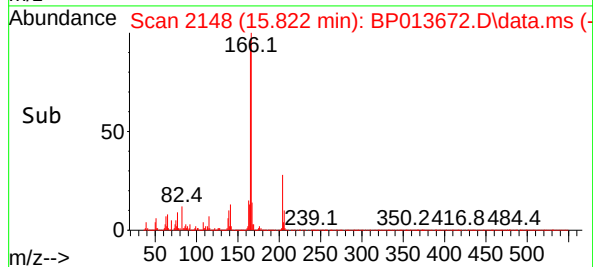
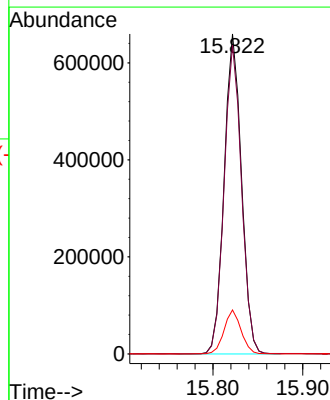
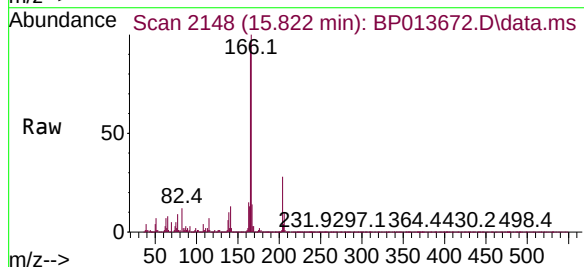
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

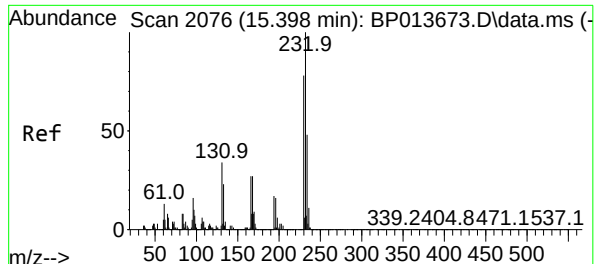
Tgt Ion:165 Resp: 196398
Ion Ratio Lower Upper
165 100
63 37.5 28.1 42.1
89 68.7 52.0 78.0
182 2.8 2.2 3.4



#58
Fluorene
Concen: 20.734 ng
RT: 15.822 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

Tgt Ion:166 Resp: 889418
Ion Ratio Lower Upper
166 100
165 96.5 77.6 116.4
167 13.7 10.6 15.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 19.792 ng

RT: 15.392 min Scan# 2076

Delta R.T. -0.006 min

Lab File: BP013672.D

Acq: 31 Jan 2023 13:04

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:232 Resp: 260416

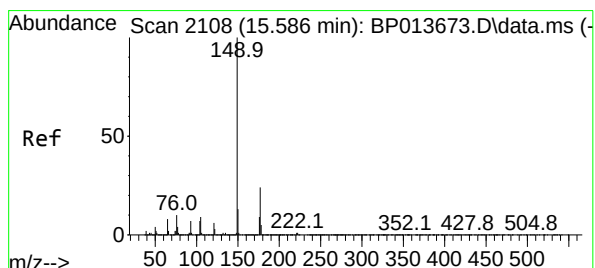
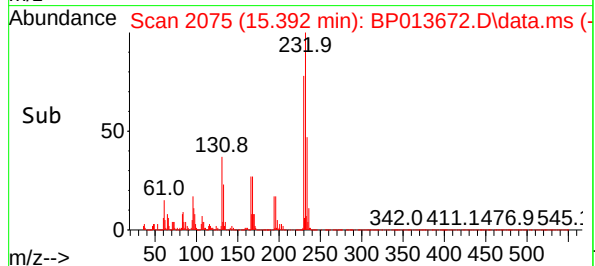
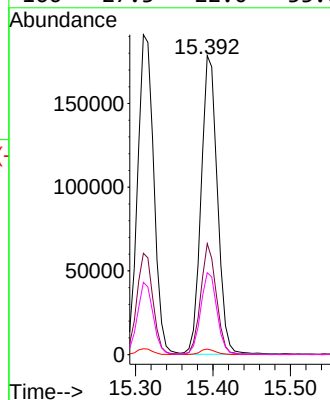
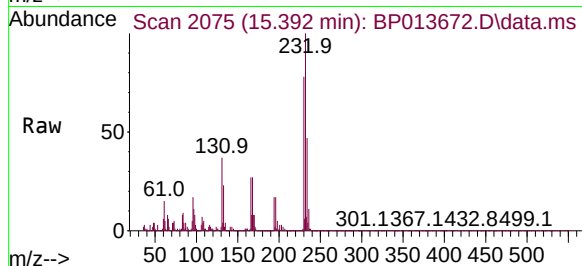
Ion Ratio Lower Upper

232 100

131 35.1 27.9 41.9

130 1.7 1.4 2.0

166 27.3 22.0 33.0



#60

Diethylphthalate

Concen: 20.179 ng

RT: 15.581 min Scan# 2107

Delta R.T. -0.006 min

Lab File: BP013672.D

Acq: 31 Jan 2023 13:04

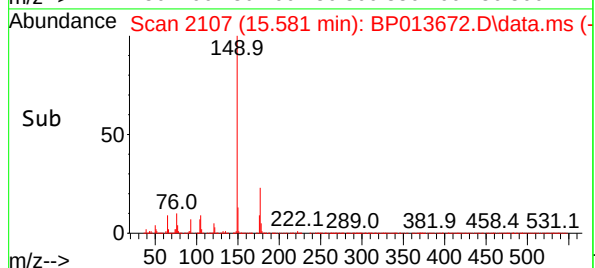
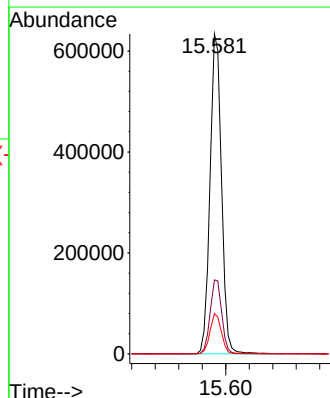
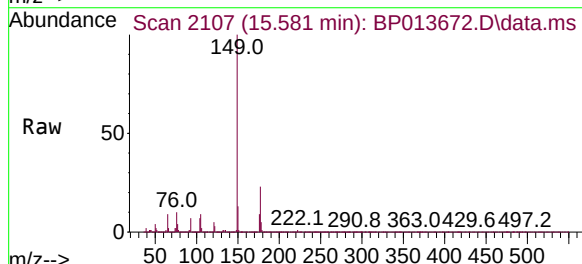
Tgt Ion:149 Resp: 860161

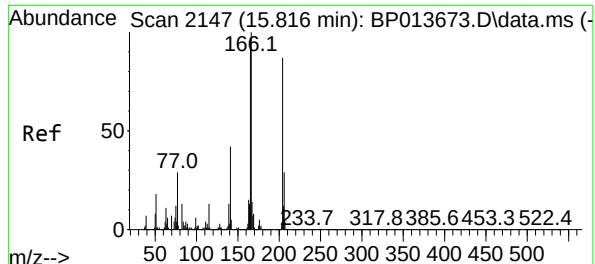
Ion Ratio Lower Upper

149 100

177 23.1 19.2 28.8

150 12.6 10.1 15.1

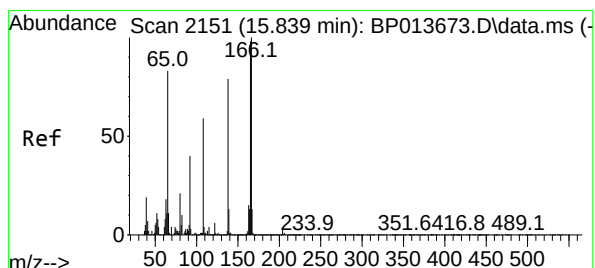
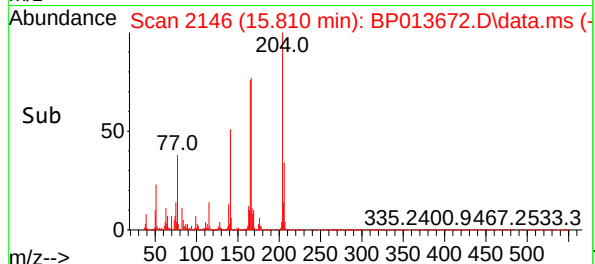
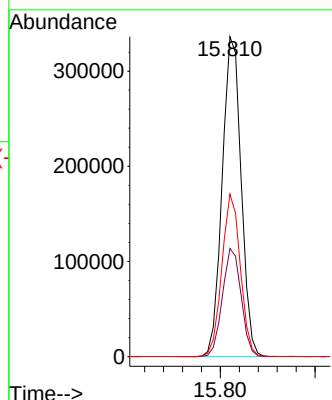
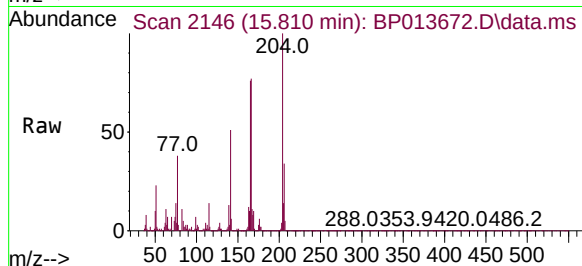




#61
4-Chlorophenyl-phenylether
Concen: 19.973 ng
RT: 15.810 min Scan# 2147
Delta R.T. -0.006 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

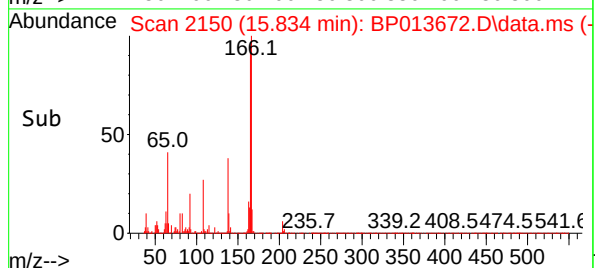
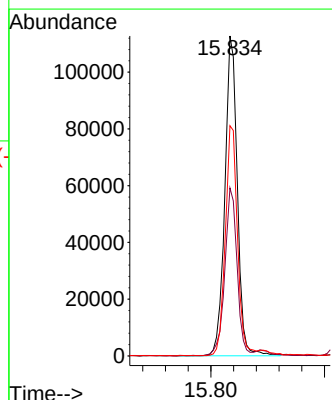
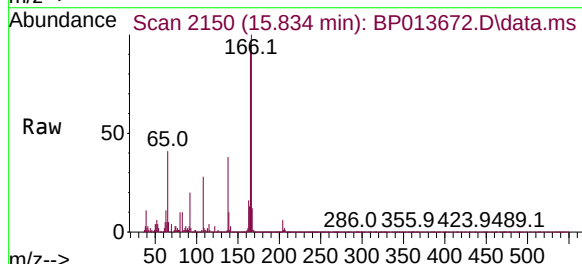
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

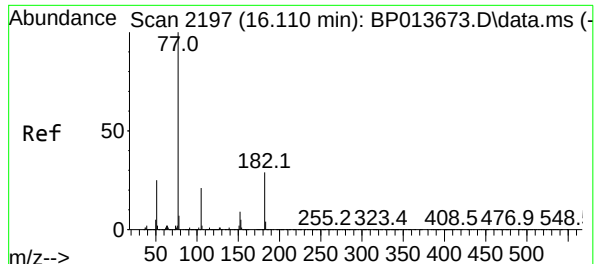
Tgt Ion:204 Resp: 466566
Ion Ratio Lower Upper
204 100
206 33.8 26.6 40.0
141 50.8 38.1 57.1



#62
4-Nitroaniline
Concen: 19.879 ng
RT: 15.834 min Scan# 2150
Delta R.T. -0.005 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

Tgt Ion:138 Resp: 171093
Ion Ratio Lower Upper
138 100
92 52.5 30.3 70.3
108 71.9 55.4 95.4

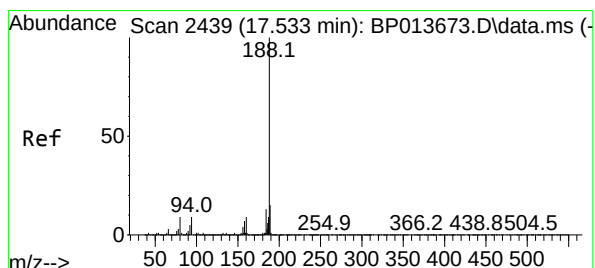
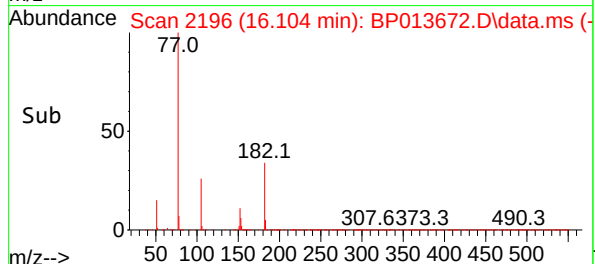
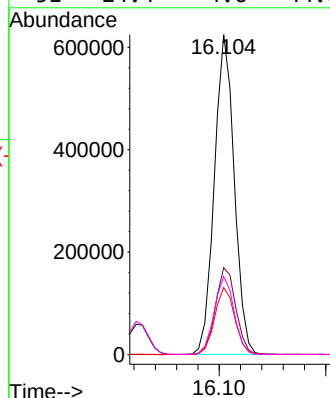
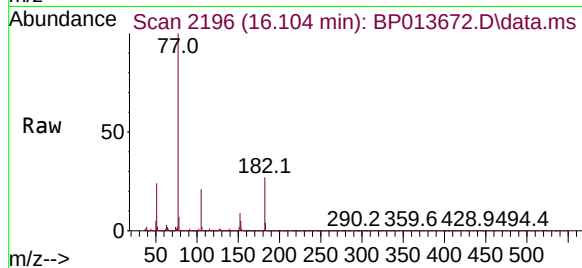




#63
Azobenzene
Concen: 20.599 ng
RT: 16.104 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

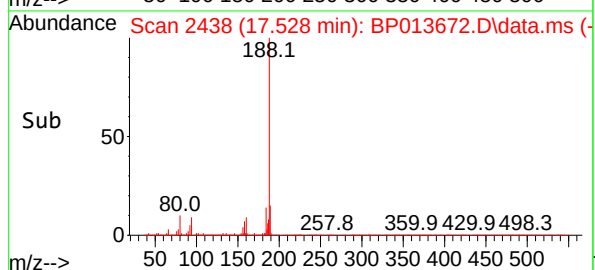
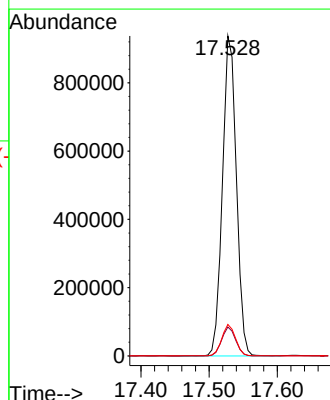
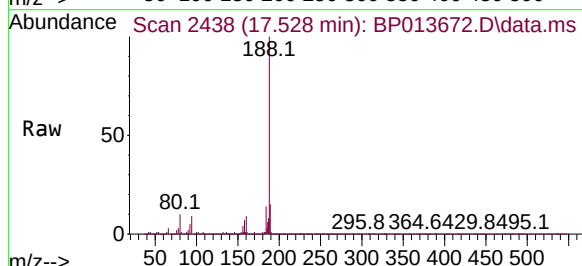
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

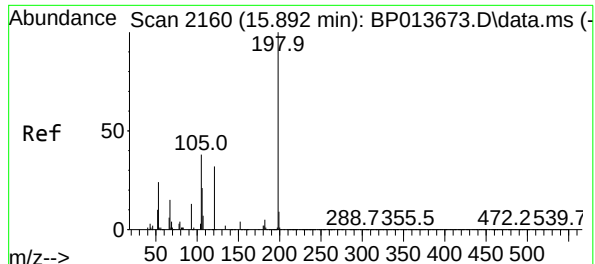
Tgt Ion: 77	Resp: 811105
Ion Ratio	Lower Upper
77 100	
182 27.2	9.3 49.3
105 20.9	1.1 41.1
51 24.4	4.6 44.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.528 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

Tgt Ion: 188	Resp: 1318675
Ion Ratio	Lower Upper
188 100	
94 9.1	6.9 10.3
80 9.8	7.4 11.0

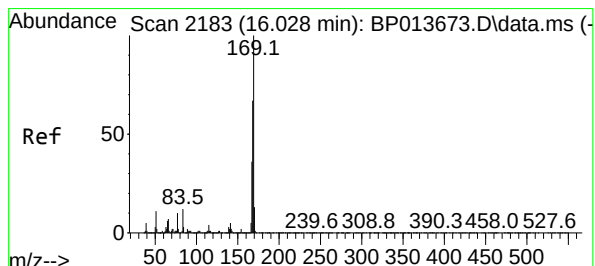
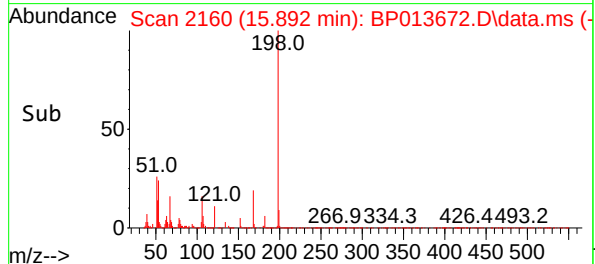
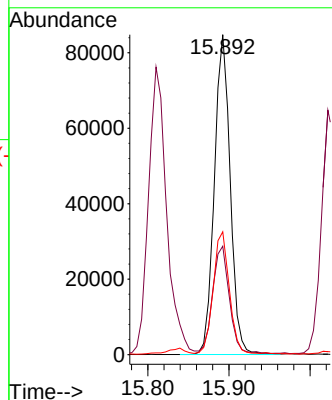
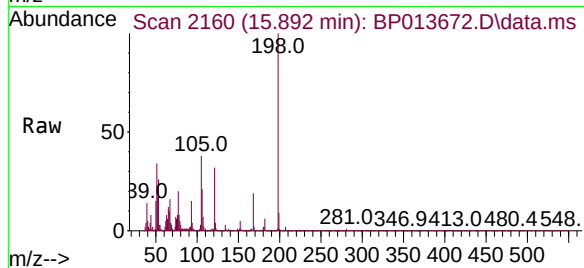




#65
4,6-Dinitro-2-methylphenol
Concen: 16.794 ng
RT: 15.892 min Scan# 2160
Delta R.T. 0.000 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

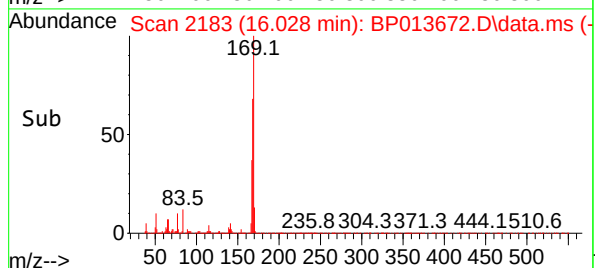
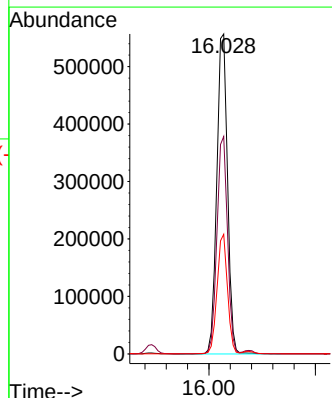
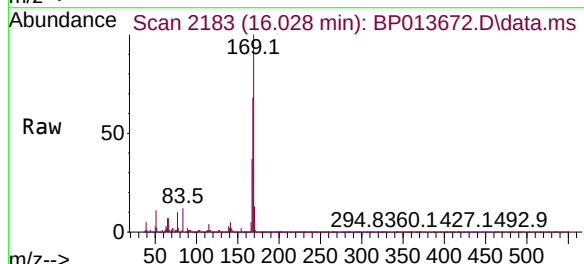
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

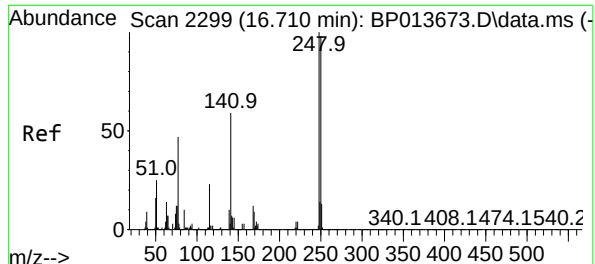
Tgt Ion	Ratio	Lower	Upper
198	100		
51	33.9	15.4	55.4
105	38.4	18.3	58.3



#66
n-Nitrosodiphenylamine
Concen: 20.306 ng
RT: 16.028 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.9	53.8	80.6
167	37.4	28.9	43.3

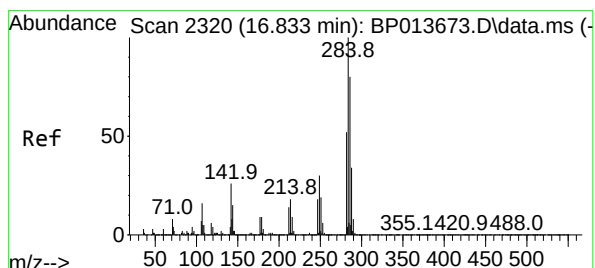
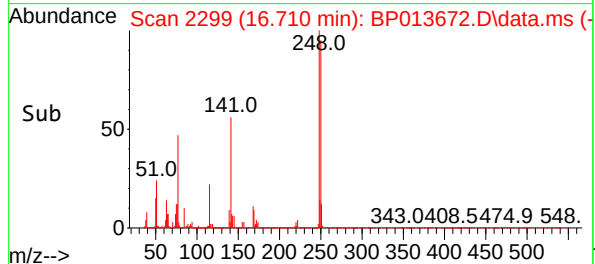
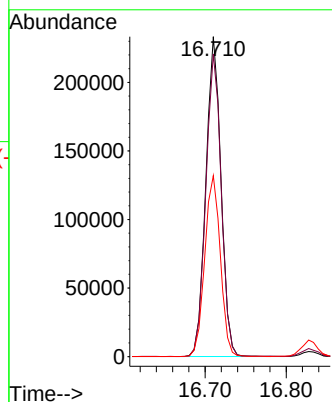
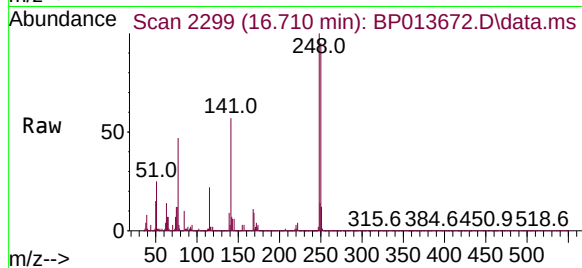




#67
4-Bromophenyl-phenylether
Concen: 20.028 ng
RT: 16.710 min Scan# 2299
Delta R.T. 0.000 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

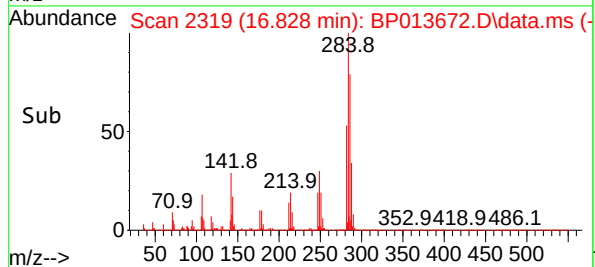
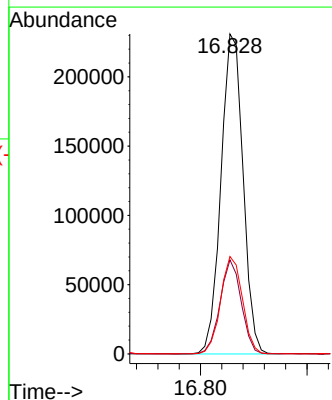
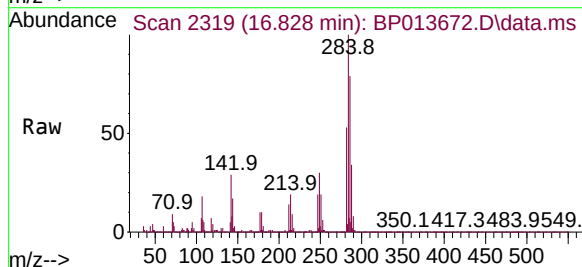
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

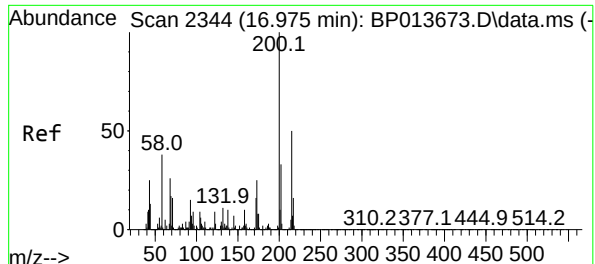
Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.6	78.2	117.2
141	56.5	46.8	70.2



#68
Hexachlorobenzene
Concen: 19.862 ng
RT: 16.828 min Scan# 2319
Delta R.T. -0.005 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.4	20.6	31.0
249	30.4	23.9	35.9

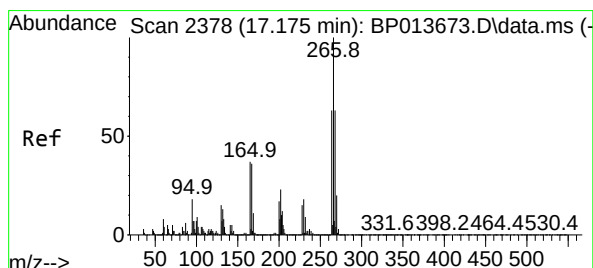
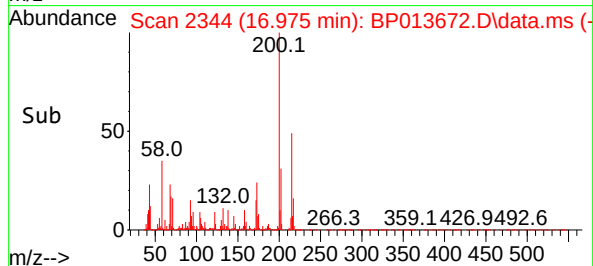
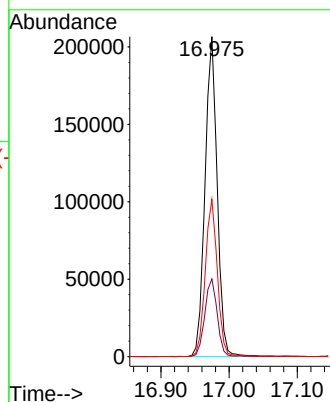
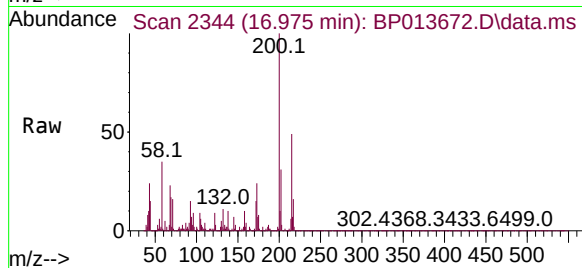




#69
Atrazine
Concen: 20.569 ng
RT: 16.975 min Scan# 2344
Delta R.T. 0.000 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

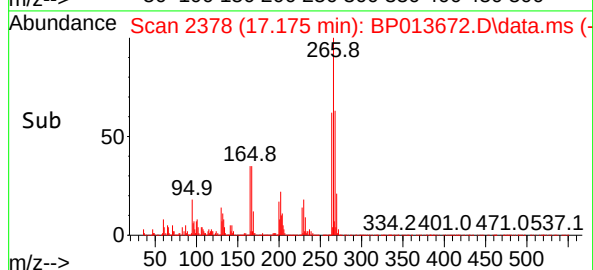
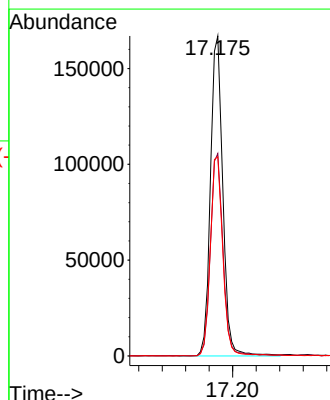
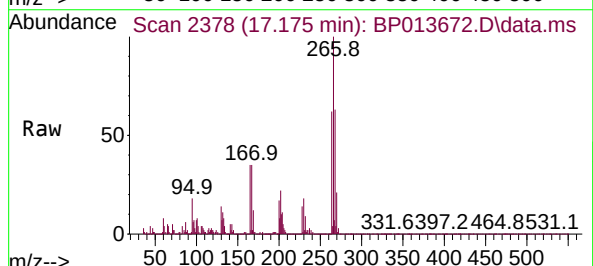
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

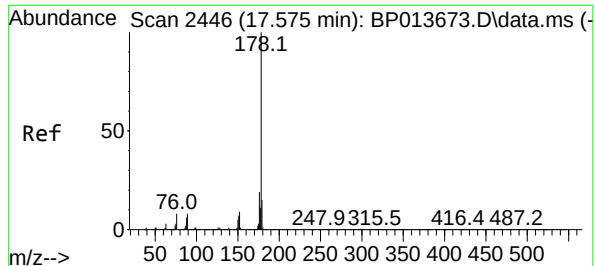
Tgt Ion:200 Resp: 256804
Ion Ratio Lower Upper
200 100
173 24.3 5.2 45.2
215 49.1 29.8 69.8



#70
Pentachlorophenol
Concen: 19.708 ng
RT: 17.175 min Scan# 2378
Delta R.T. 0.000 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

Tgt Ion:266 Resp: 243337
Ion Ratio Lower Upper
266 100
268 63.2 50.7 76.1
264 62.2 50.5 75.7

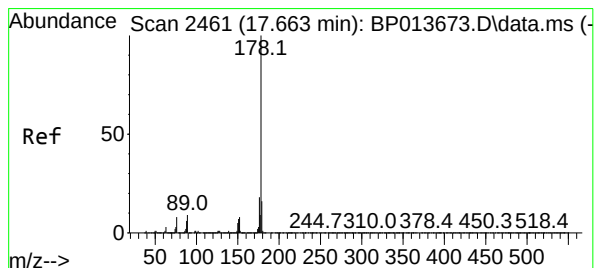
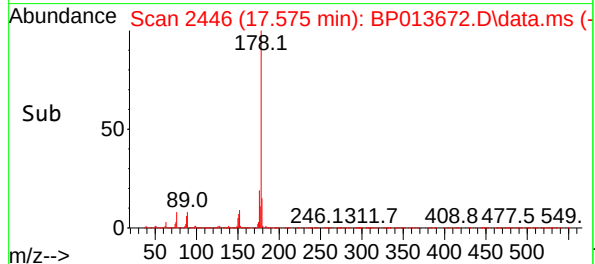
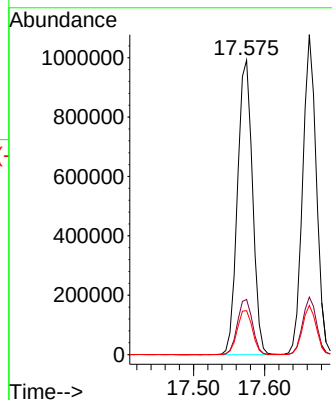
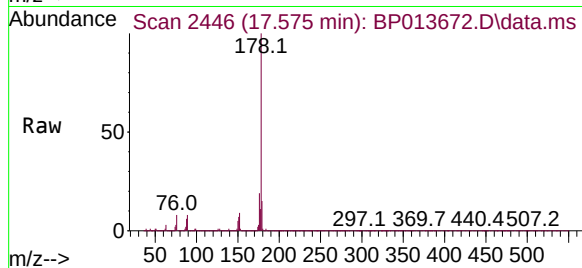




#71
Phenanthrene
Concen: 20.459 ng
RT: 17.575 min Scan# 2446
Delta R.T. 0.000 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

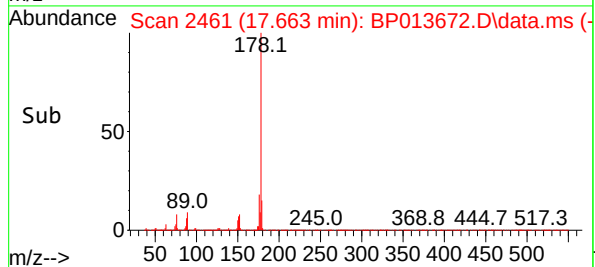
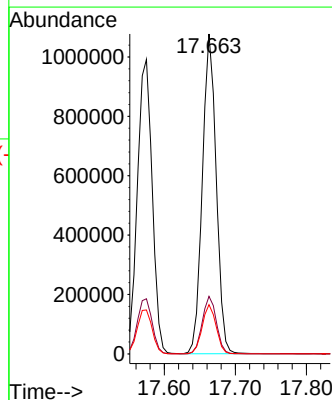
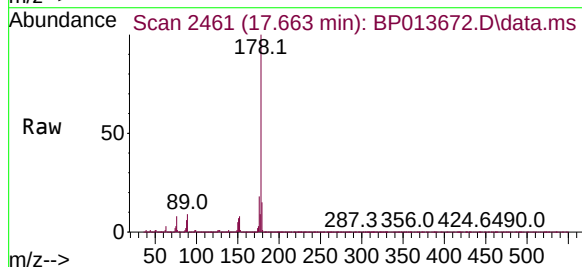
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

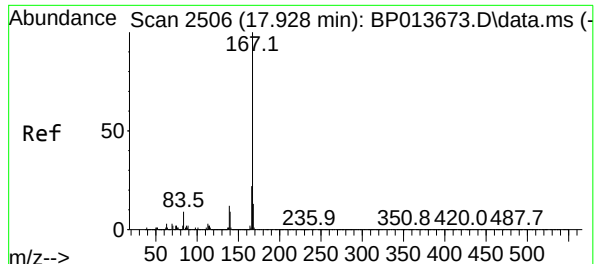
Tgt Ion:178 Resp: 1446056
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.0
179 14.9 12.2 18.2



#72
Anthracene
Concen: 20.338 ng
RT: 17.663 min Scan# 2461
Delta R.T. 0.000 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

Tgt Ion:178 Resp: 1451249
Ion Ratio Lower Upper
178 100
176 18.0 14.7 22.1
179 15.4 12.4 18.6

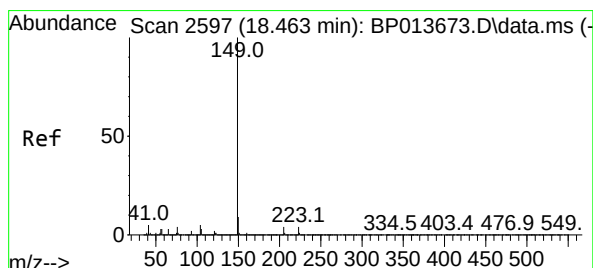
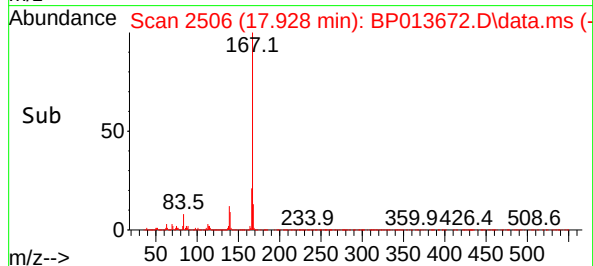
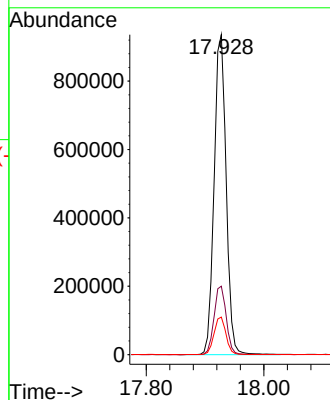
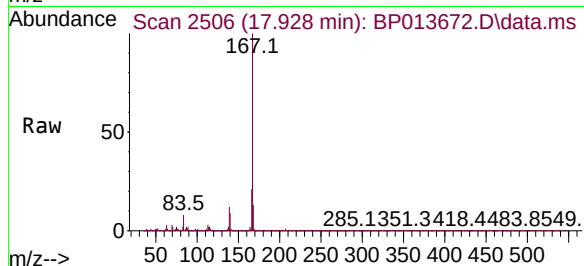




#73
 Carbazole
 Concen: 20.468 ng
 RT: 17.928 min Scan# 2506
 Delta R.T. 0.000 min
 Lab File: BP013672.D
 Acq: 31 Jan 2023 13:04

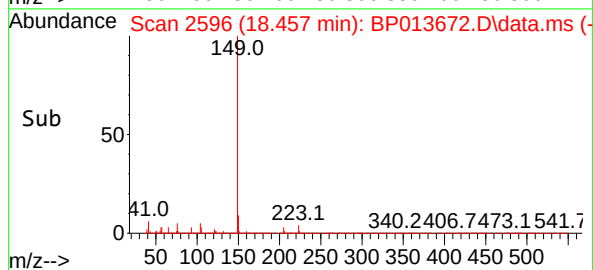
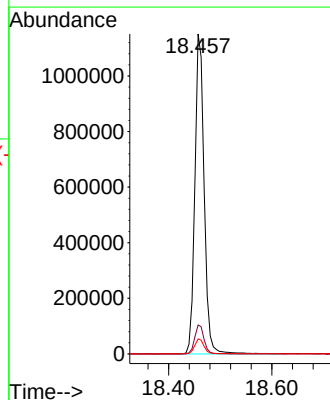
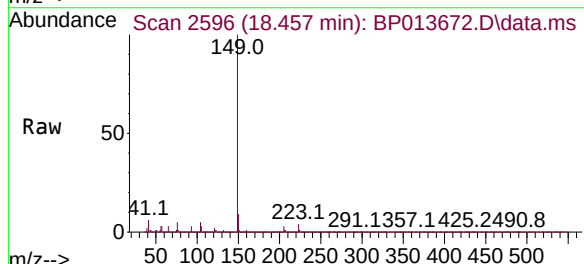
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

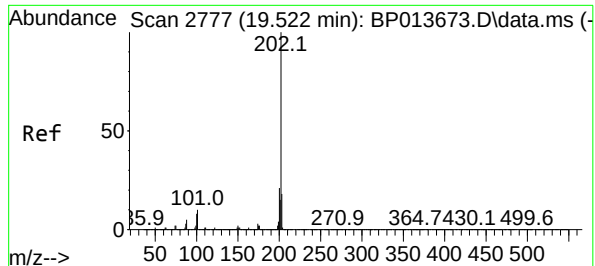
Tgt Ion:167 Resp: 1326191
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.0
 139 11.7 9.5 14.3



#74
 Di-n-butylphthalate
 Concen: 20.176 ng
 RT: 18.457 min Scan# 2596
 Delta R.T. -0.006 min
 Lab File: BP013672.D
 Acq: 31 Jan 2023 13:04

Tgt Ion:149 Resp: 1430613
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 4.7 3.8 5.6

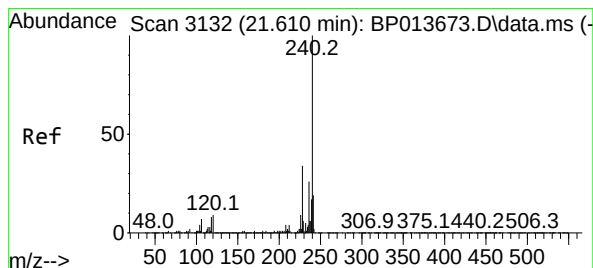
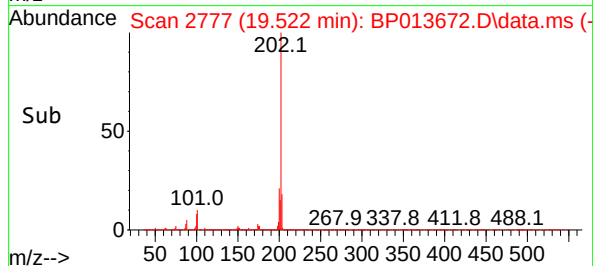
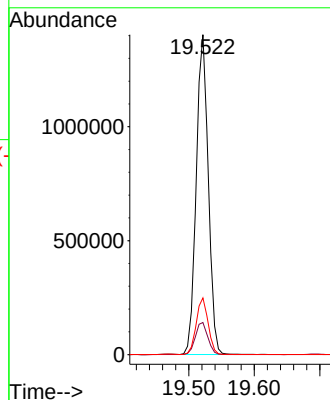
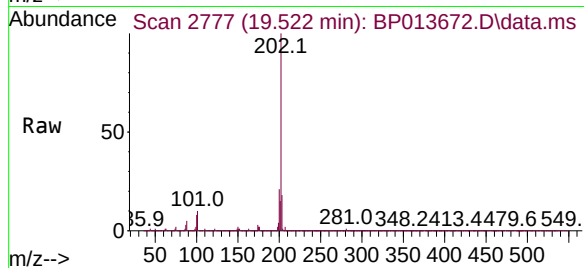




#75
Fluoranthene
Concen: 20.309 ng
RT: 19.522 min Scan# 2777
Delta R.T. 0.000 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

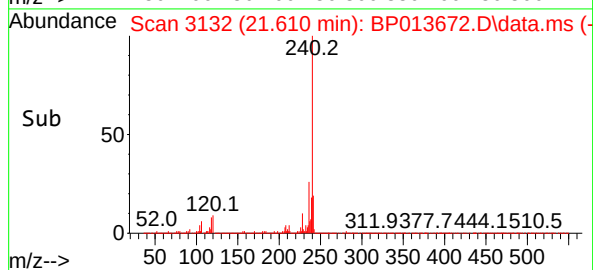
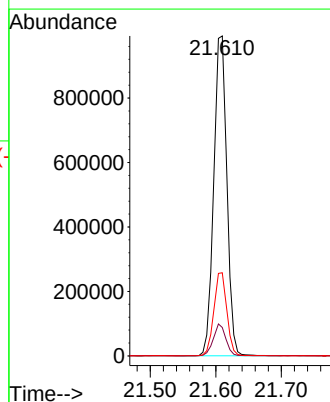
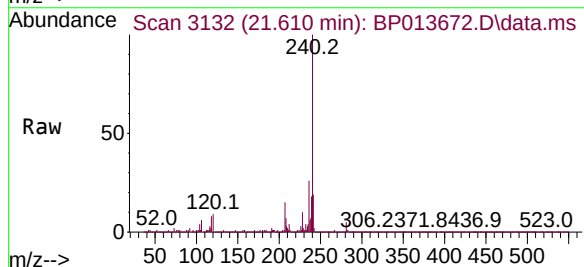
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

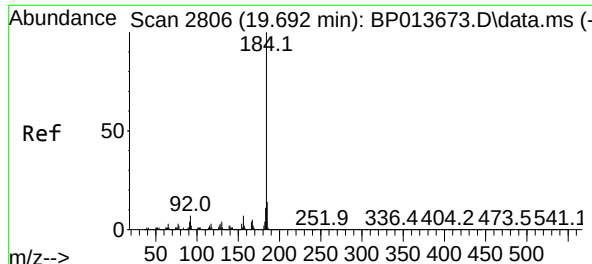
Tgt Ion:202 Resp: 1787091
Ion Ratio Lower Upper
202 100
101 10.0 0.0 30.2
203 17.7 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.610 min Scan# 3132
Delta R.T. 0.000 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

Tgt Ion:240 Resp: 1383138
Ion Ratio Lower Upper
240 100
120 8.9 7.4 11.0
236 26.0 20.6 30.8





#77

Benzidine

Concen: 19.038 ng

RT: 19.692 min Scan# 2806

Delta R.T. 0.000 min

Lab File: BP013672.D

Acq: 31 Jan 2023 13:04

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

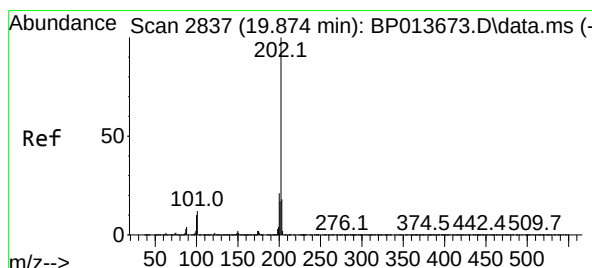
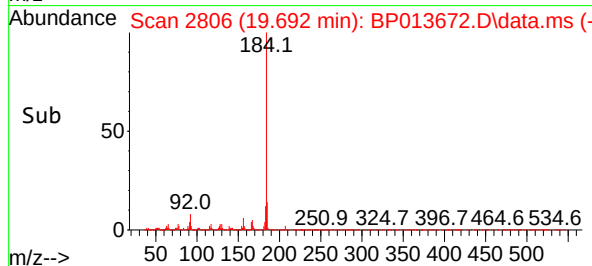
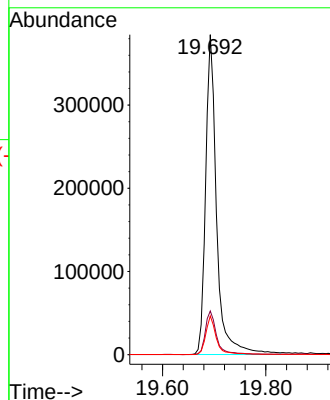
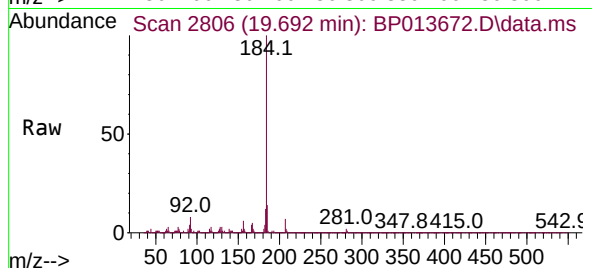
Tgt Ion:184 Resp: 568778

Ion Ratio Lower Upper

184 100

185 13.6 11.4 17.2

183 12.1 9.2 13.8



#78

Pyrene

Concen: 20.138 ng

RT: 19.875 min Scan# 2837

Delta R.T. 0.000 min

Lab File: BP013672.D

Acq: 31 Jan 2023 13:04

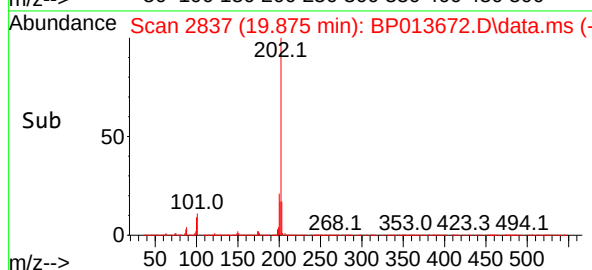
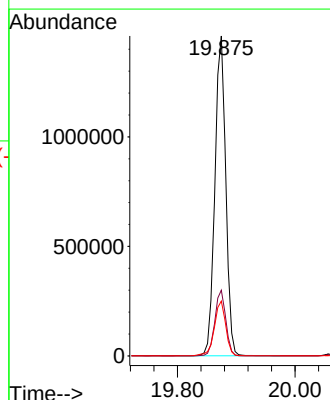
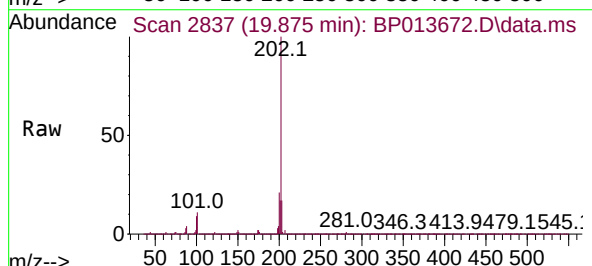
Tgt Ion:202 Resp: 1873915

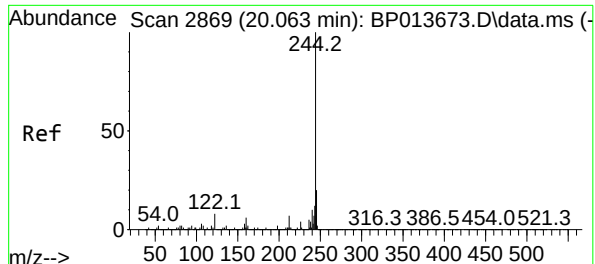
Ion Ratio Lower Upper

202 100

200 20.5 16.9 25.3

203 17.1 14.0 21.0

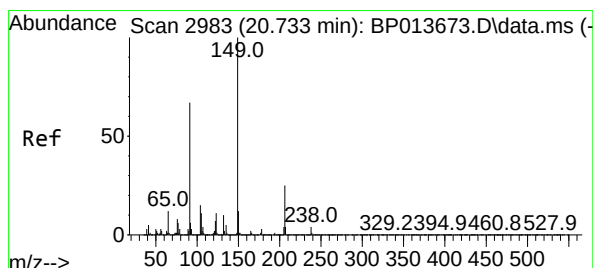
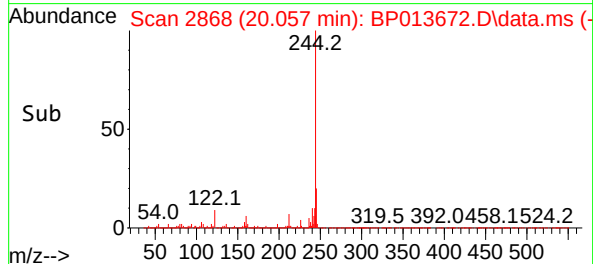
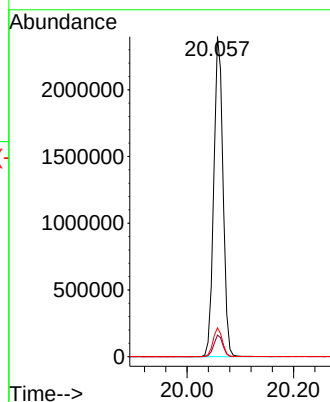
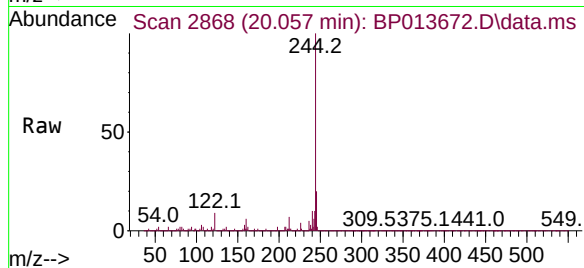




#79
 Terphenyl-d14
 Concen: 41.423 ng
 RT: 20.057 min Scan# 2868
 Delta R.T. -0.006 min
 Lab File: BP013672.D
 Acq: 31 Jan 2023 13:04

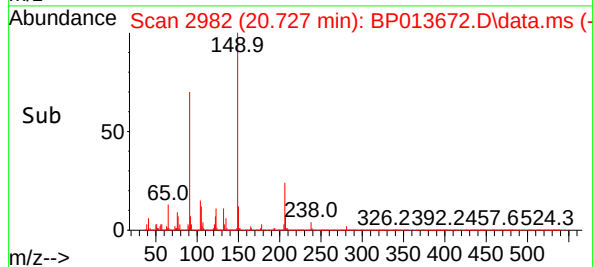
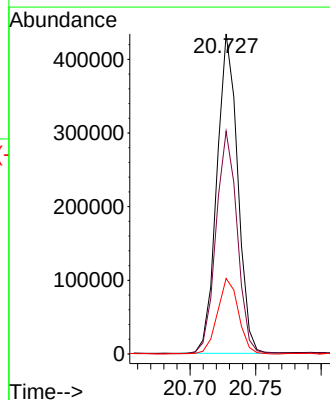
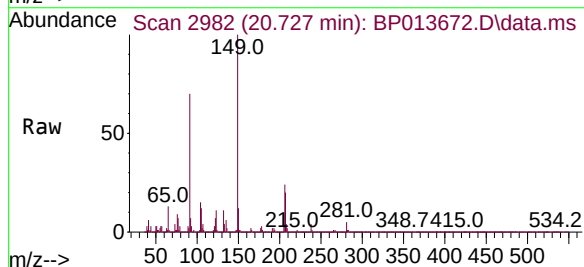
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

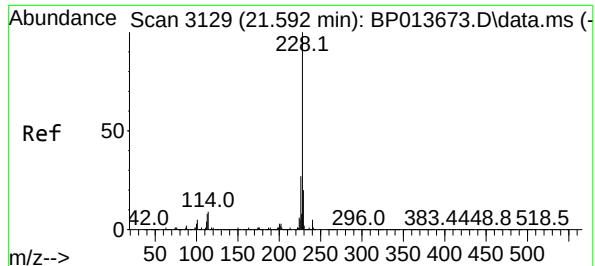
Tgt Ion:244 Resp: 2885228
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 9.0 6.5 9.7



#80
 Butylbenzylphthalate
 Concen: 18.907 ng
 RT: 20.727 min Scan# 2982
 Delta R.T. -0.006 min
 Lab File: BP013672.D
 Acq: 31 Jan 2023 13:04

Tgt Ion:149 Resp: 480313
 Ion Ratio Lower Upper
 149 100
 91 69.6 54.0 81.0
 206 23.6 19.8 29.8

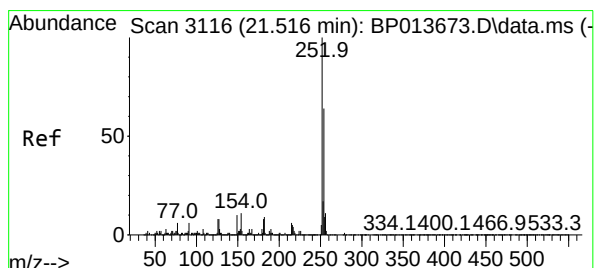
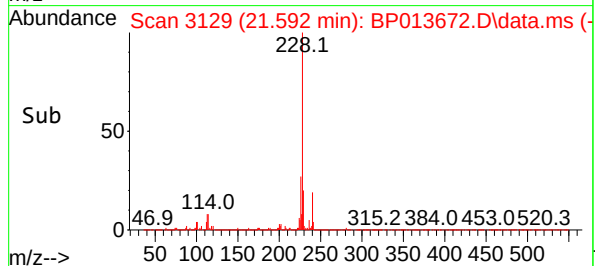
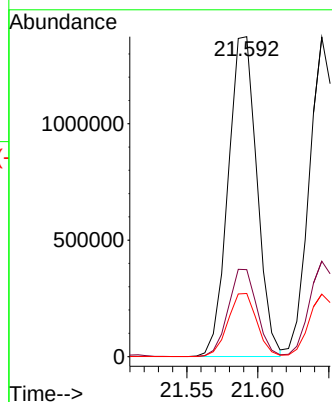
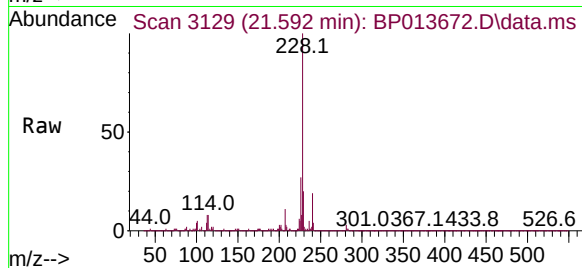




#81
Benzo(a)anthracene
Concen: 20.140 ng
RT: 21.592 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

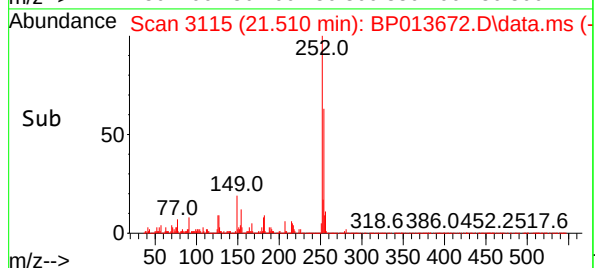
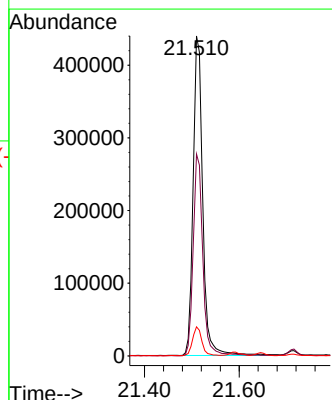
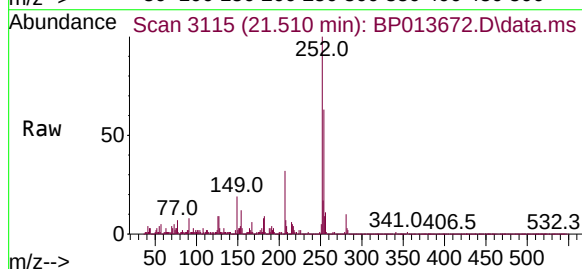
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

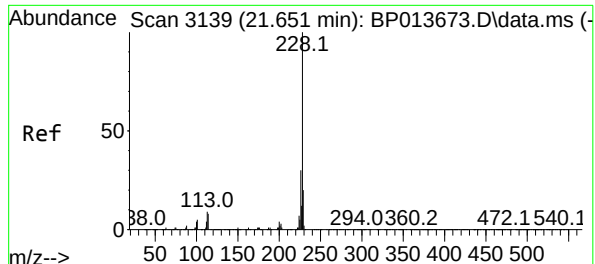
Tgt Ion:228 Resp: 1934856
Ion Ratio Lower Upper
228 100
226 27.2 21.9 32.9
229 19.7 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 20.365 ng
RT: 21.510 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

Tgt Ion:252 Resp: 618557
Ion Ratio Lower Upper
252 100
254 63.1 50.9 76.3
126 9.1 6.7 10.1

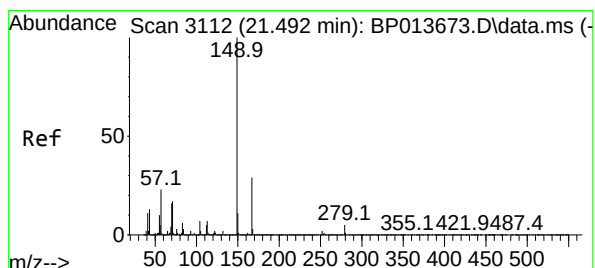
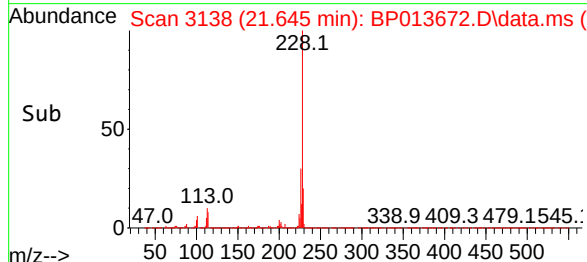
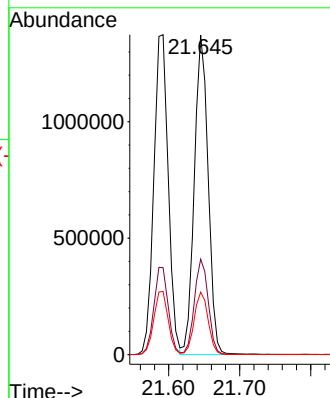
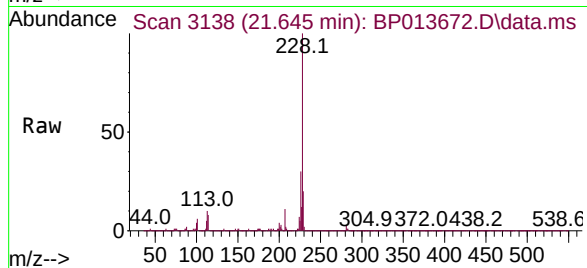




#83
Chrysene
Concen: 20.196 ng
RT: 21.645 min Scan# 3139
Delta R.T. -0.006 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

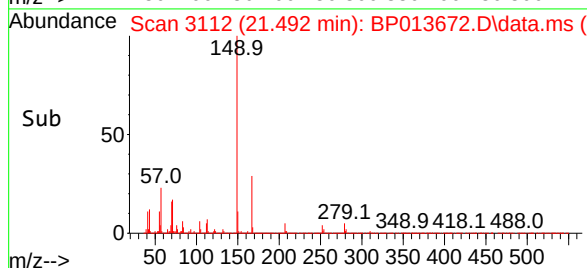
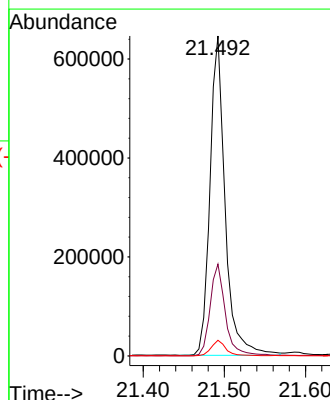
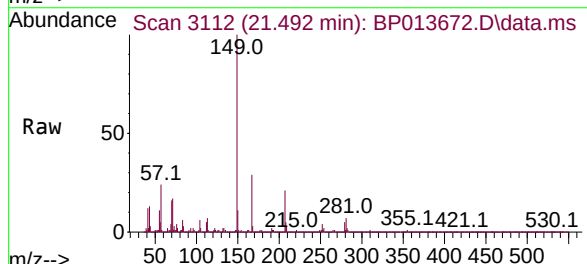
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

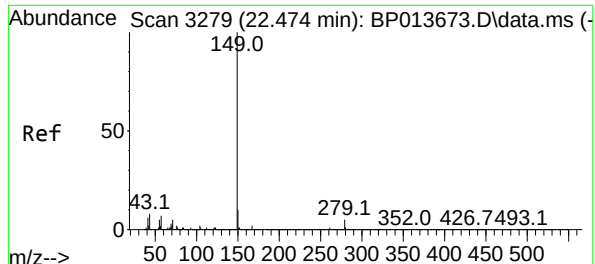
Tgt Ion:228 Resp: 1848560
Ion Ratio Lower Upper
228 100
226 29.9 24.1 36.1
229 19.6 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 19.458 ng
RT: 21.492 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

Tgt Ion:149 Resp: 841635
Ion Ratio Lower Upper
149 100
167 28.7 23.0 34.6
279 4.9 3.9 5.9

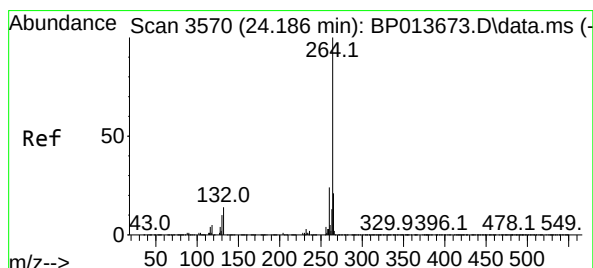
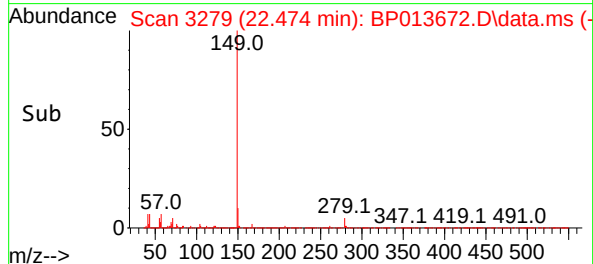
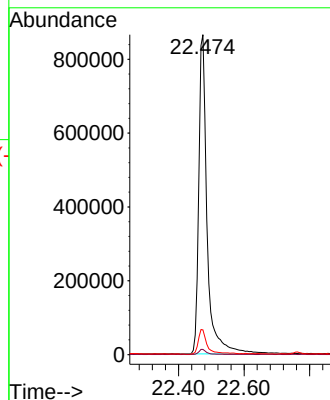
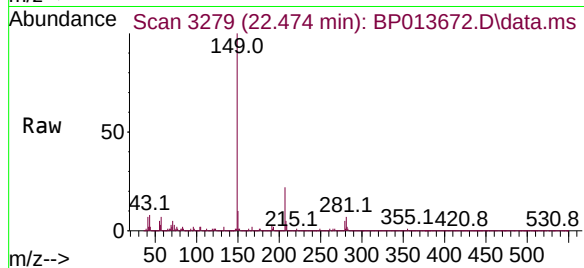




#85
Di-n-octyl phthalate
Concen: 19.409 ng
RT: 22.474 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

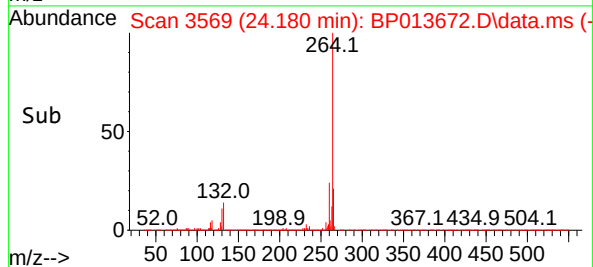
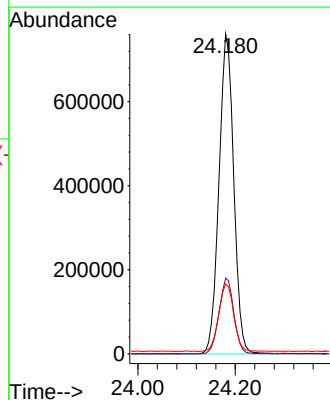
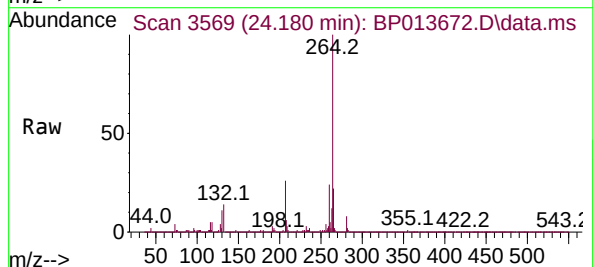
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

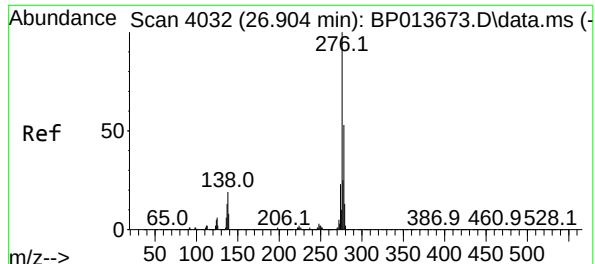
Tgt Ion:149 Resp: 1533037
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.1 6.3 9.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.180 min Scan# 3569
Delta R.T. -0.006 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

Tgt Ion:264 Resp: 1596192
Ion Ratio Lower Upper
264 100
260 23.7 18.8 28.2
265 21.9 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 19.951 ng

RT: 26.898 min Scan# 4032

Delta R.T. -0.006 min

Lab File: BP013672.D

Acq: 31 Jan 2023 13:04

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

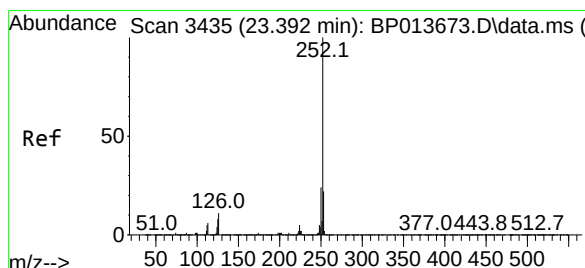
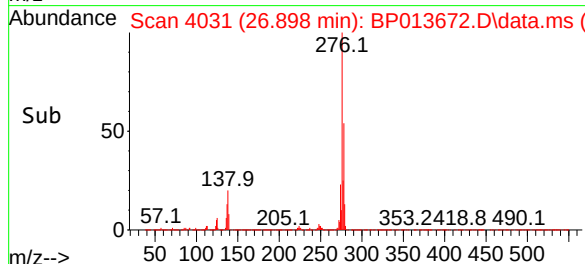
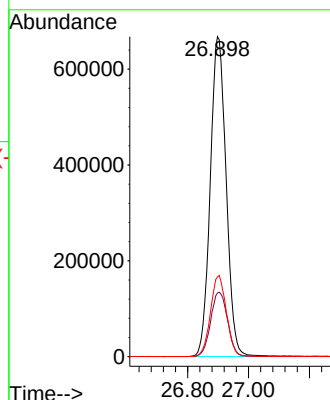
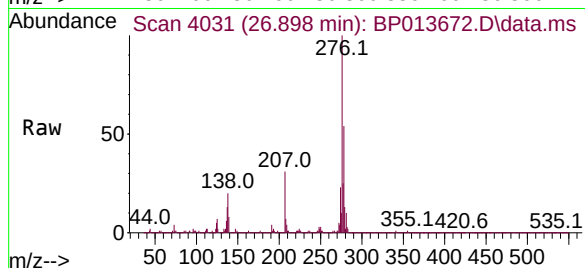
Tgt Ion:276 Resp: 2421888

Ion Ratio Lower Upper

276 100

138 21.4 16.5 24.7

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 20.477 ng

RT: 23.386 min Scan# 3434

Delta R.T. -0.006 min

Lab File: BP013672.D

Acq: 31 Jan 2023 13:04

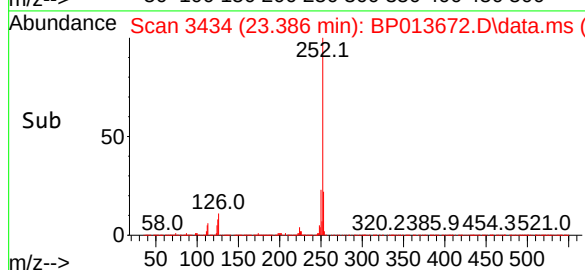
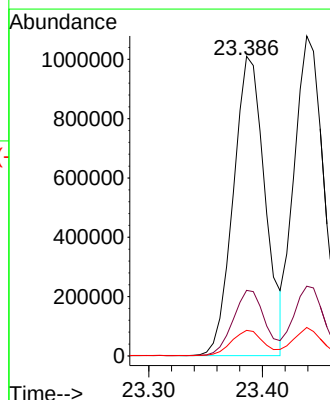
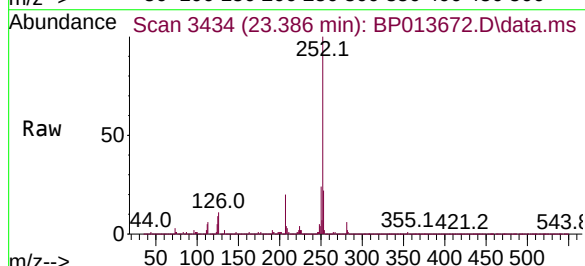
Tgt Ion:252 Resp: 1964422

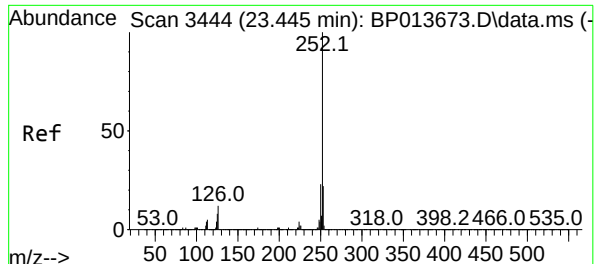
Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

125 8.5 6.8 10.2





#89

Benzo(k)fluoranthene

Concen: 20.207 ng

RT: 23.439 min Scan# 34

Delta R.T. -0.006 min

Lab File: BP013672.D

Acq: 31 Jan 2023 13:04

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

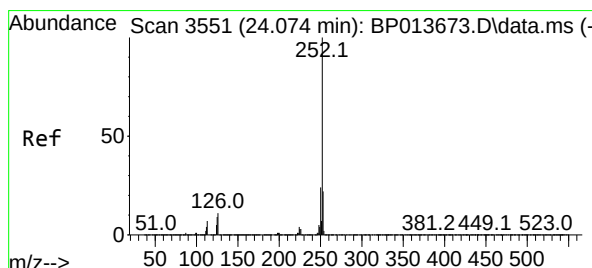
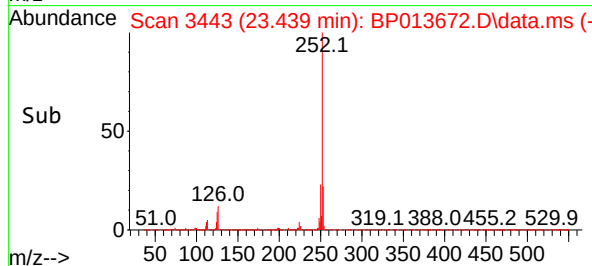
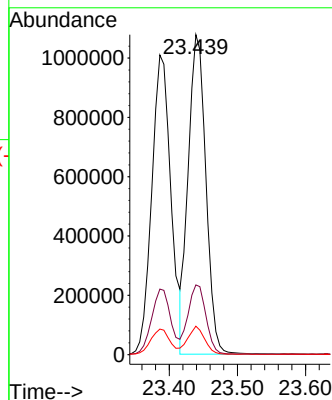
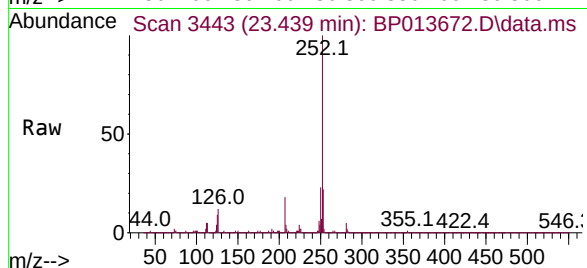
Tgt Ion:252 Resp: 1941694

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 8.9 6.3 9.5



#90

Benzo(a)pyrene

Concen: 20.101 ng

RT: 24.063 min Scan# 3549

Delta R.T. -0.012 min

Lab File: BP013672.D

Acq: 31 Jan 2023 13:04

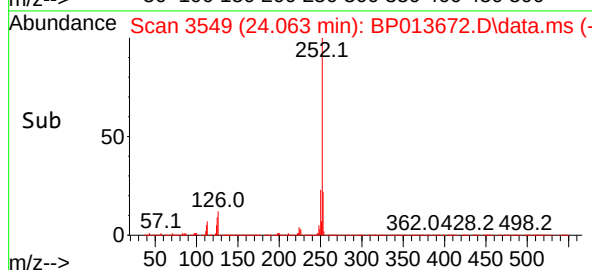
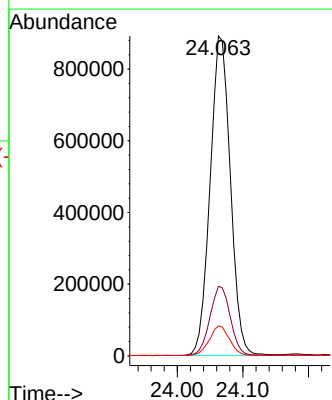
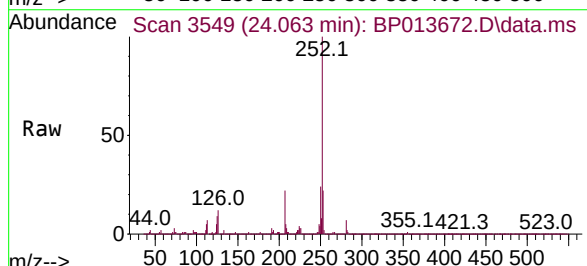
Tgt Ion:252 Resp: 1914185

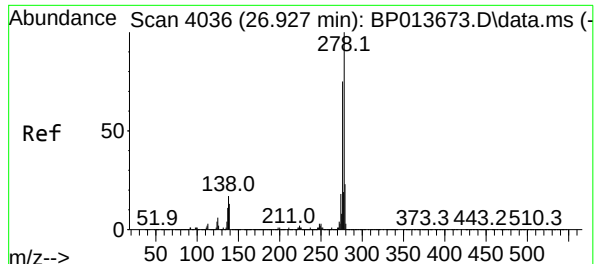
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 9.4 7.0 10.4

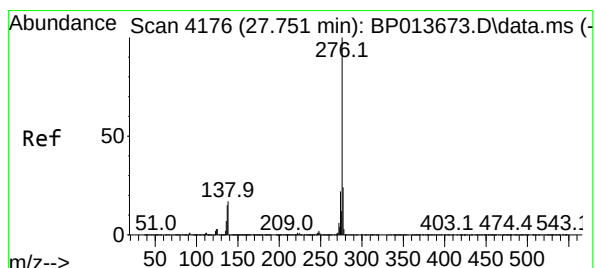
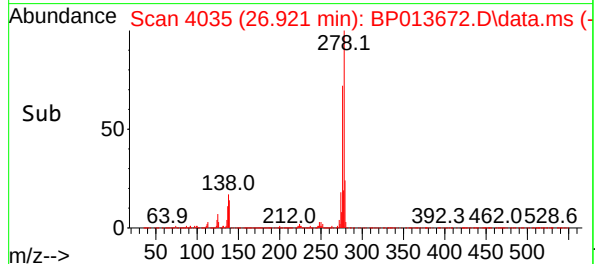
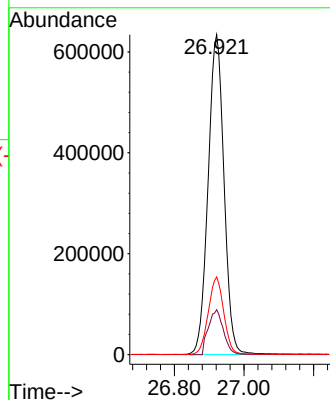
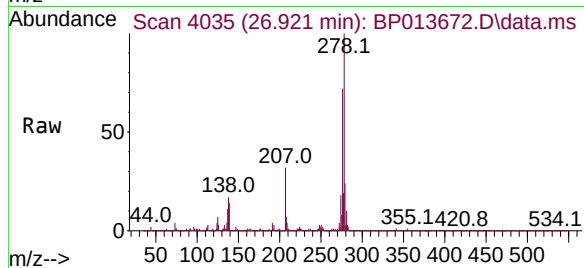




#91
Dibenzo(a,h)anthracene
Concen: 20.011 ng
RT: 26.921 min Scan# 4036
Delta R.T. -0.006 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

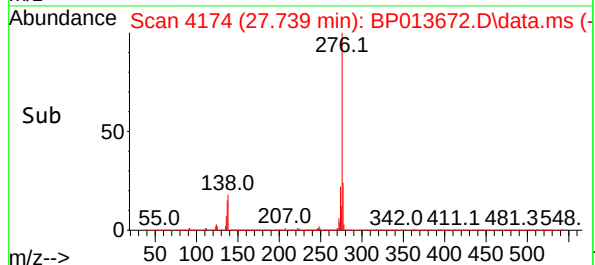
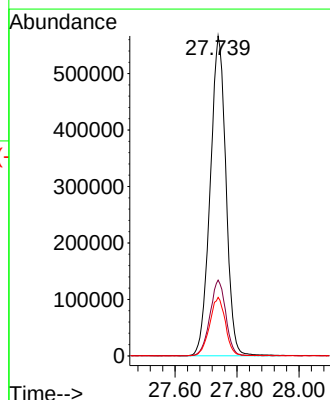
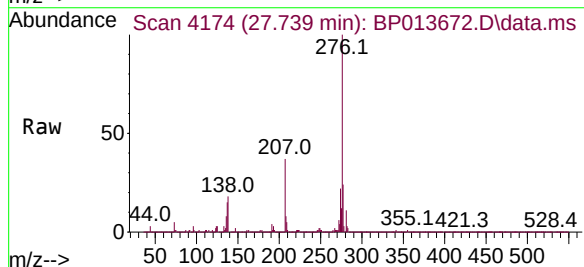
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:278 Resp: 2016395
Ion Ratio Lower Upper
278 100
139 14.1 10.6 16.0
279 24.3 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 19.917 ng
RT: 27.739 min Scan# 4174
Delta R.T. -0.012 min
Lab File: BP013672.D
Acq: 31 Jan 2023 13:04

Tgt Ion:276 Resp: 1993206
Ion Ratio Lower Upper
276 100
277 23.7 19.2 28.8
138 18.3 14.0 21.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
 Data File : BP013673.D
 Acq On : 31 Jan 2023 13:38
 Operator : CG/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICCC040

Quant Time: Feb 01 03:02:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 02:57:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	222064	20.000	ng	0.00
21) Naphthalene-d8	10.969	136	832306	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	549003	20.000	ng	0.00
64) Phenanthrene-d10	17.533	188	1258361	20.000	ng	0.00
76) Chrysene-d12	21.610	240	1280889	20.000	ng	0.00
86) Perylene-d12	24.186	264	1494510	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	1077734	82.964	ng	0.00
7) Phenol-d6	7.287	99	1429683	82.610	ng	0.00
23) Nitrobenzene-d5	9.316	82	1197854	83.718	ng	0.00
42) 2,4,6-Tribromophenol	16.269	330	671410	81.537	ng	0.00
45) 2-Fluorobiphenyl	13.404	172	3202615	81.627	ng	0.00
79) Terphenyl-d14	20.063	244	5297061	82.120	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.517	88	222710	40.524	ng	100
3) Pyridine	3.934	79	666382	42.828	ng	100
4) n-Nitrosodimethylamine	3.834	42	233740	41.197	ng	100
6) Aniline	7.457	93	929847	41.214	ng	100
8) 2-Chlorophenol	7.699	128	564404	41.270	ng	100
9) Benzaldehyde	7.269	77	373258	42.688	ng	100
10) Phenol	7.316	94	748446	41.398	ng	100
11) bis(2-Chloroethyl)ether	7.552	93	589722	40.833	ng	100
12) 1,3-Dichlorobenzene	8.028	146	630619	40.935	ng	100
13) 1,4-Dichlorobenzene	8.175	146	638142	40.940	ng	100
14) 1,2-Dichlorobenzene	8.499	146	614332	41.187	ng	100
15) Benzyl Alcohol	8.381	79	511116	41.708	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.675	45	691293	40.829	ng	100
17) 2-Methylphenol	8.581	107	527558	41.641	ng	100
18) Hexachloroethane	9.240	117	207339	40.339	ng	100
19) n-Nitroso-di-n-propyla...	8.952	70	458666	42.241	ng	100
20) 3+4-Methylphenols	8.910	107	719832	41.649	ng	100
22) Acetophenone	8.969	105	883213	40.693	ng	100
24) Nitrobenzene	9.357	77	644174	41.507	ng	100
25) Isophorone	9.887	82	1295693	40.857	ng	100
26) 2-Nitrophenol	10.075	139	272155	41.896	ng	100
27) 2,4-Dimethylphenol	10.128	122	527076	39.631	ng	100
28) bis(2-Chloroethoxy)met...	10.363	93	758692	39.915	ng	100
29) 2,4-Dichlorophenol	10.610	162	567631	40.748	ng	100
30) 1,2,4-Trichlorobenzene	10.828	180	618921	40.042	ng	100
31) Naphthalene	11.022	128	1763772	40.303	ng	100
32) Benzoic acid	10.246	122	386879	40.662	ng	100
33) 4-Chloroaniline	11.128	127	786258	40.889	ng	100
34) Hexachlorobutadiene	11.304	225	388480	39.594	ng	100
35) Caprolactam	11.910	113	185916	40.797	ng	100
36) 4-Chloro-3-methylphenol	12.234	107	595647	40.649	ng	100
37) 2-Methylnaphthalene	12.616	142	1319106	40.088	ng	100
38) 1-Methylnaphthalene	12.834	142	1236119	39.991	ng	100
40) 1,2,4,5-Tetrachloroben...	12.981	216	763524	40.736	ng	100
41) Hexachlorocyclopentadiene	12.957	237	340961	39.856	ng	100
43) 2,4,6-Trichlorophenol	13.216	196	511316	41.429	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
 Data File : BP013673.D
 Acq On : 31 Jan 2023 13:38
 Operator : CG/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICCC040

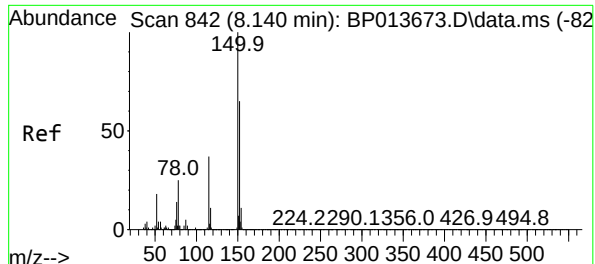
Quant Time: Feb 01 03:02:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 02:57:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.287	196	596651	41.290	ng	100
46) 1,1'-Biphenyl	13.616	154	1689729	40.672	ng	100
47) 2-Chloronaphthalene	13.657	162	1307801	40.725	ng	100
48) 2-Nitroaniline	13.857	65	293611	42.788	ng	100
49) Acenaphthylene	14.504	152	2110366	40.750	ng	100
50) Dimethylphthalate	14.228	163	1723395	40.585	ng	100
51) 2,6-Dinitrotoluene	14.345	165	336022	44.275	ng	100
52) Acenaphthene	14.845	154	1345553	41.655	ng	100
53) 3-Nitroaniline	14.681	138	359021	43.376	ng	100
54) 2,4-Dinitrophenol	14.881	184	185402	40.138	ng	100
55) Dibenzofuran	15.175	168	2089455	40.044	ng	100
56) 4-Nitrophenol	14.975	139	302516	41.089	ng	100
57) 2,4-Dinitrotoluene	15.134	165	439259	44.103	ng	100
58) Fluorene	15.828	166	1652833	40.346	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.398	232	512200	40.762	ng	100
60) Diethylphthalate	15.586	149	1640284	40.293	ng	100
61) 4-Chlorophenyl-phenyle...	15.816	204	892211	39.994	ng	100
62) 4-Nitroaniline	15.839	138	360732	43.886	ng	100
63) Azobenzene	16.110	77	1531962	40.739	ng	100
65) 4,6-Dinitro-2-methylph...	15.892	198	268458	40.935	ng	100
66) n-Nitrosodiphenylamine	16.028	169	1470425	40.160	ng	100
67) 4-Bromophenyl-phenylether	16.710	248	579044	40.142	ng	100
68) Hexachlorobenzene	16.833	284	632460	39.595	ng	100
69) Atrazine	16.975	200	505947	42.466	ng	100
70) Pentachlorophenol	17.175	266	491204	41.689	ng	100
71) Phenanthrene	17.575	178	2704677	40.100	ng	100
72) Anthracene	17.663	178	2772105	40.710	ng	100
73) Carbazole	17.928	167	2514663	40.670	ng	100
74) Di-n-butylphthalate	18.463	149	2760119	40.793	ng	100
75) Fluoranthene	19.522	202	3387517	40.342	ng	100
77) Benzidine	19.692	184	1207090	43.630	ng	100
78) Pyrene	19.874	202	3529561	40.958	ng	100
80) Butylbenzylphthalate	20.733	149	968804	41.181	ng	100
81) Benzo(a)anthracene	21.592	228	3630899	40.811	ng	100
82) 3,3'-Dichlorobenzidine	21.516	252	1186038	42.166	ng	100
83) Chrysene	21.651	228	3438900	40.570	ng	100
84) Bis(2-ethylhexyl)phtha...	21.492	149	1648094	41.145	ng	100
85) Di-n-octyl phthalate	22.474	149	3004302	41.073	ng	100
87) Indeno(1,2,3-cd)pyrene	26.904	276	4572359	40.229	ng	100
88) Benzo(b)fluoranthene	23.392	252	3591203	39.981	ng	100
89) Benzo(k)fluoranthene	23.445	252	3729657	41.455	ng	100
90) Benzo(a)pyrene	24.074	252	3607697	40.462	ng	100
91) Dibenzo(a,h)anthracene	26.927	278	3806958	40.352	ng	100
92) Benzo(g,h,i)perylene	27.751	276	3759929	40.127	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

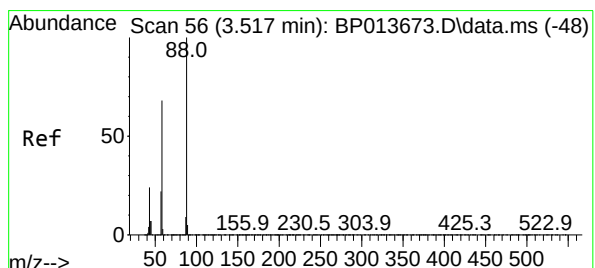
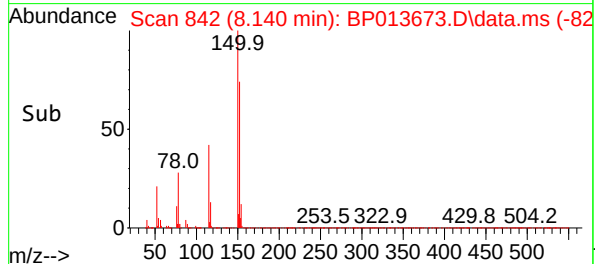
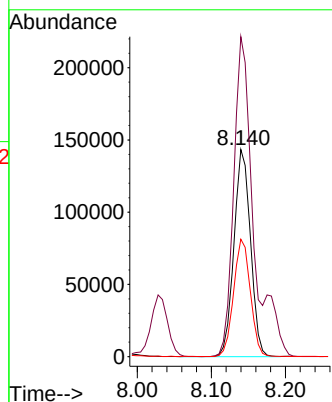
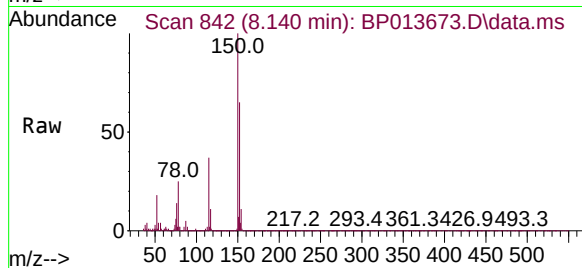
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.140 min Scan# 842
Delta R.T. -0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

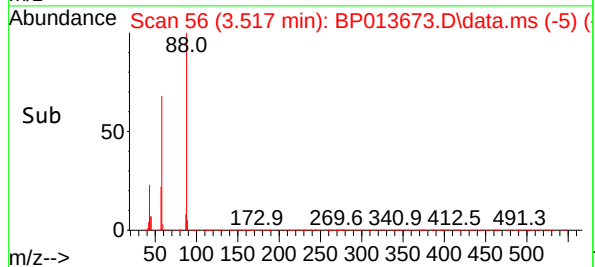
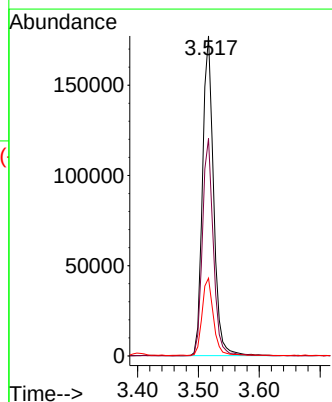
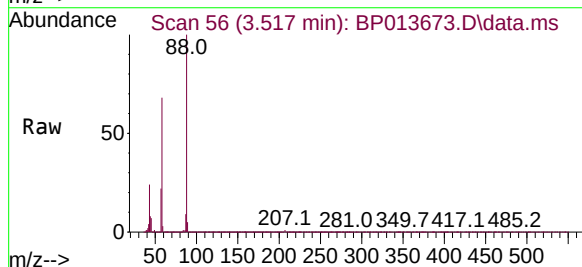
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BNA_P
ClientSampleId :
SSTDICCC040

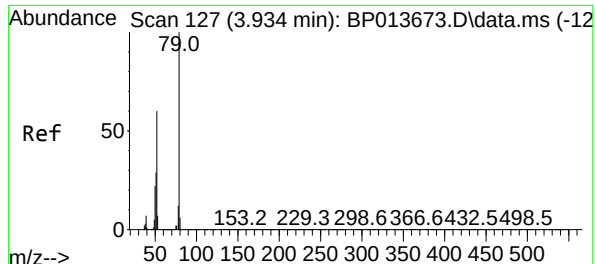
Tgt Ion:152 Resp: 222064
Ion Ratio Lower Upper
152 100
150 154.5 123.6 185.4
115 56.7 45.4 68.0



#2
1,4-Dioxane
Concen: 40.524 ng
RT: 3.517 min Scan# 56
Delta R.T. 0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

Tgt Ion: 88 Resp: 222710
Ion Ratio Lower Upper
88 100
58 67.3 53.8 80.8
43 24.7 19.8 29.6

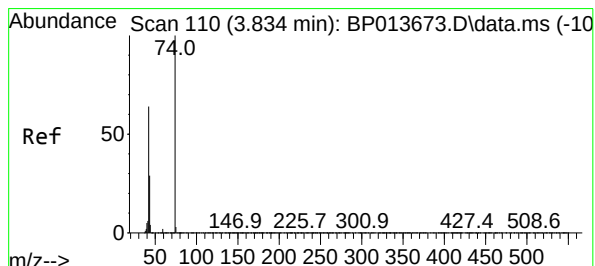
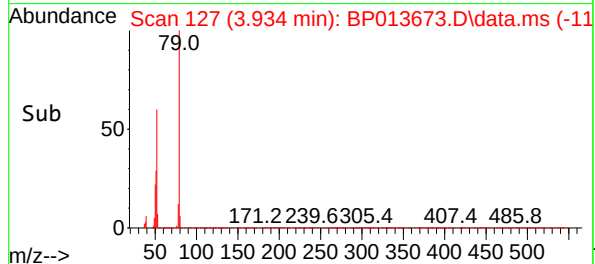
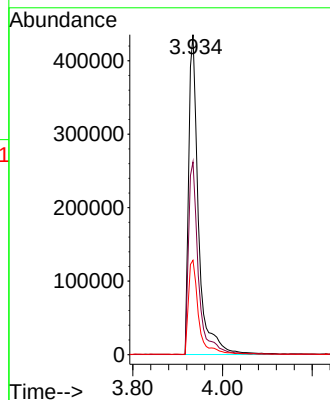
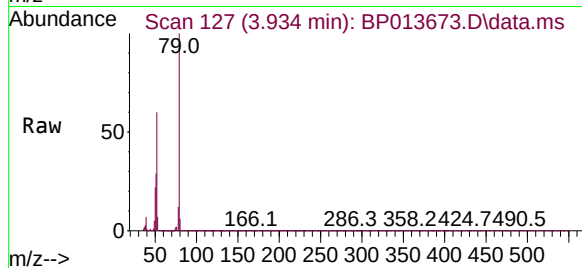




#3
Pyridine
Concen: 42.828 ng
RT: 3.934 min Scan# 110
Delta R.T. 0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

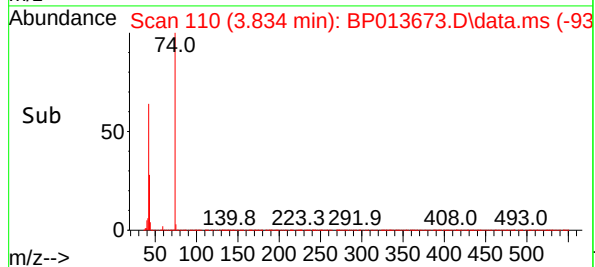
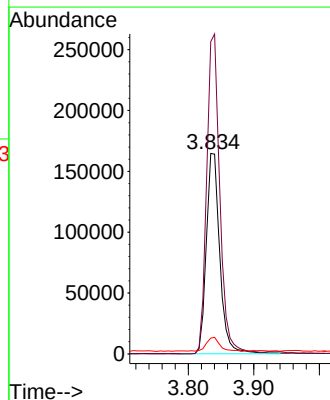
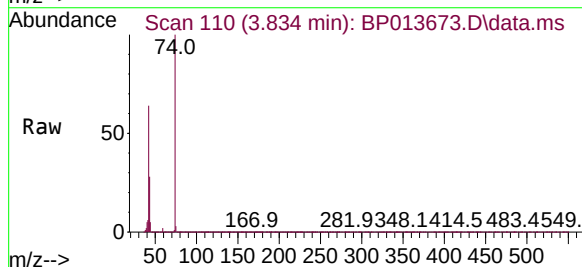
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BNA_P
ClientSampleId :
SSTDICCC040

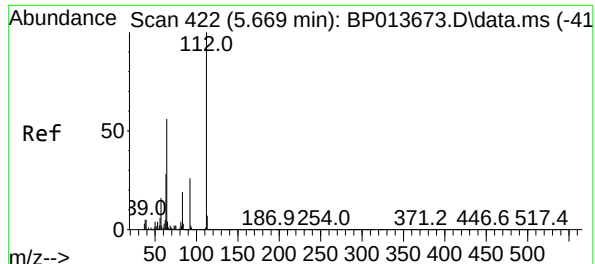
Tgt Ion: 79 Resp: 666382
Ion Ratio Lower Upper
79 100
52 60.2 48.2 72.2
51 29.5 23.6 35.4



#4
n-Nitrosodimethylamine
Concen: 41.197 ng
RT: 3.834 min Scan# 110
Delta R.T. 0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

Tgt Ion: 42 Resp: 233740
Ion Ratio Lower Upper
42 100
74 155.8 124.6 187.0
44 7.9 6.3 9.5





#5

2-Fluorophenol

Concen: 82.964 ng

RT: 5.669 min Scan# 422

Delta R.T. 0.000 min

Lab File: BP013673.D

Acq: 31 Jan 2023 13:38

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

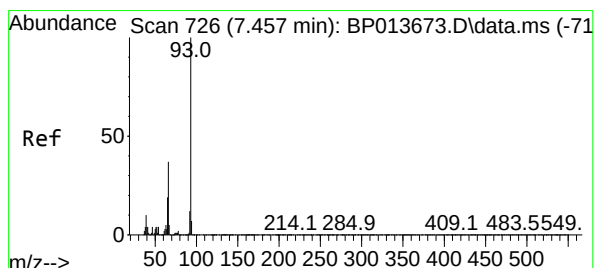
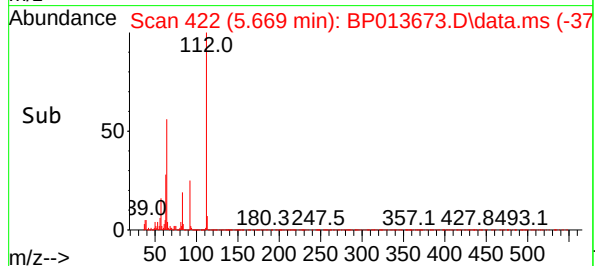
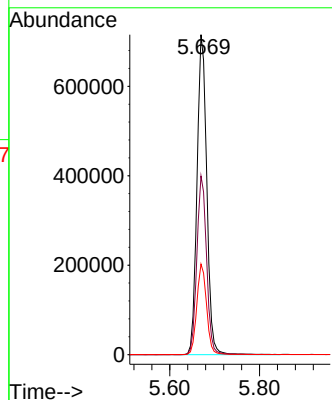
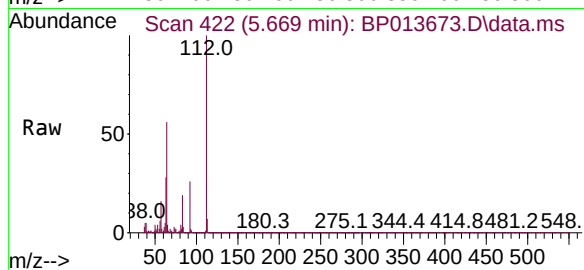
Tgt Ion:112 Resp: 1077734

Ion Ratio Lower Upper

112 100

64 55.8 44.6 67.0

63 28.3 22.6 34.0



#6

Aniline

Concen: 41.214 ng

RT: 7.457 min Scan# 726

Delta R.T. 0.000 min

Lab File: BP013673.D

Acq: 31 Jan 2023 13:38

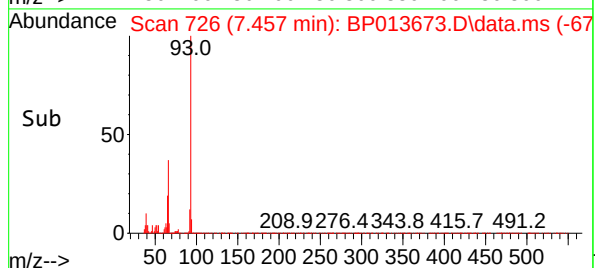
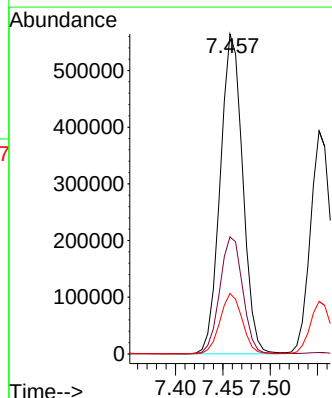
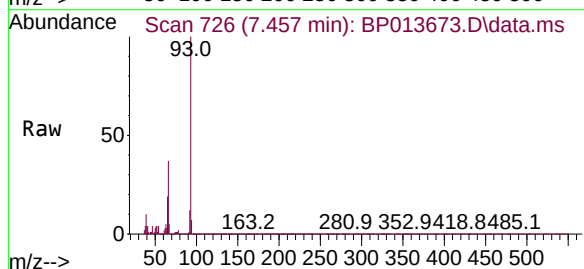
Tgt Ion: 93 Resp: 929847

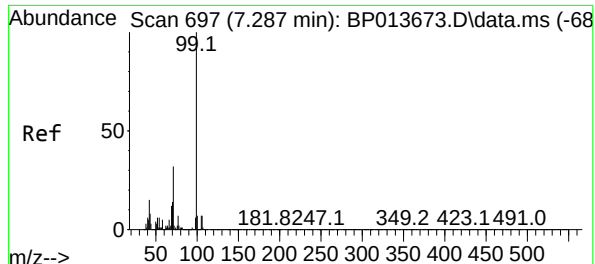
Ion Ratio Lower Upper

93 100

66 36.6 29.3 43.9

65 18.9 15.1 22.7



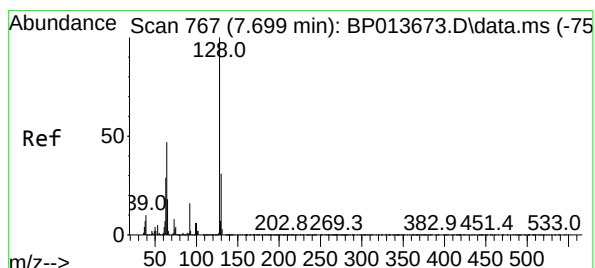
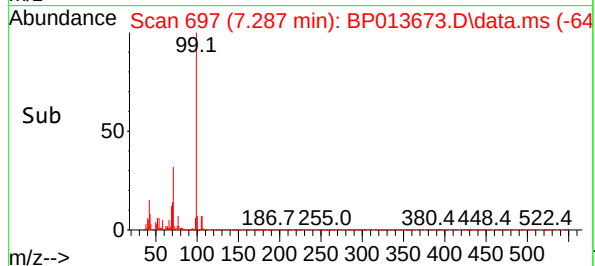
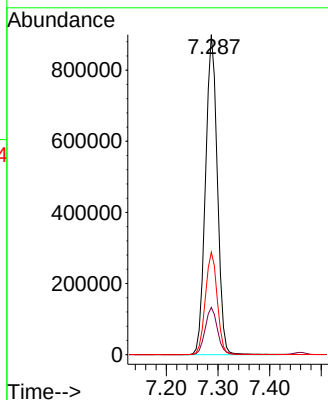
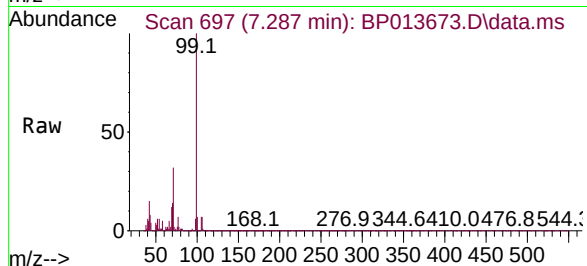


#7
Phenol-d6
Concen: 82.610 ng
RT: 7.287 min Scan# 697
Delta R.T. 0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 99 Resp: 1429683

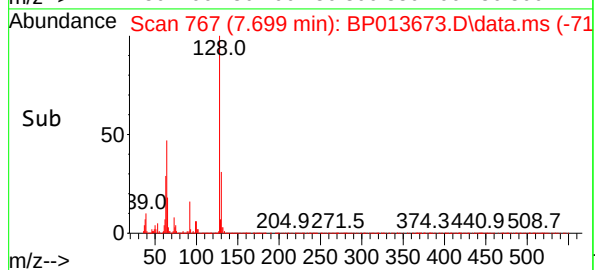
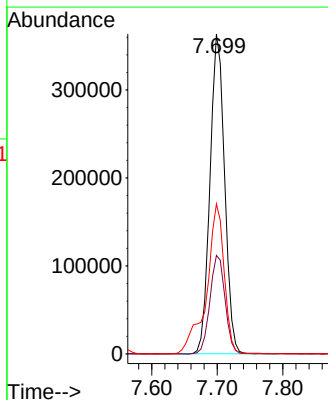
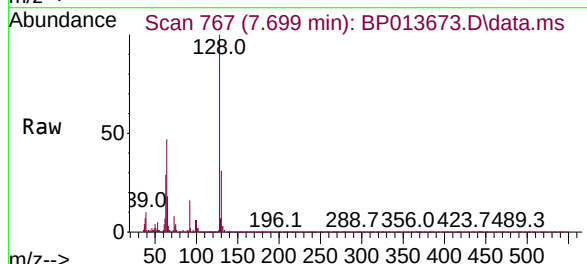
Ion	Ratio	Lower	Upper
99	100		
42	14.7	11.8	17.6
71	32.0	25.6	38.4

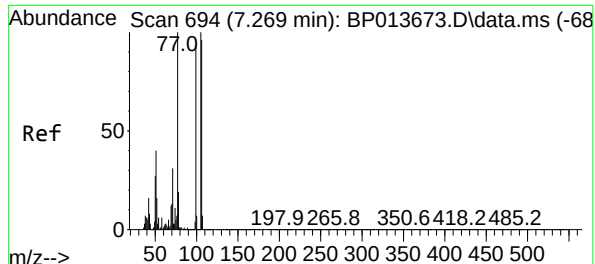


#8
2-Chlorophenol
Concen: 41.270 ng
RT: 7.699 min Scan# 767
Delta R.T. 0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

Tgt Ion: 128 Resp: 564404

Ion	Ratio	Lower	Upper
128	100		
130	30.8	10.8	50.8
64	46.9	26.9	66.9

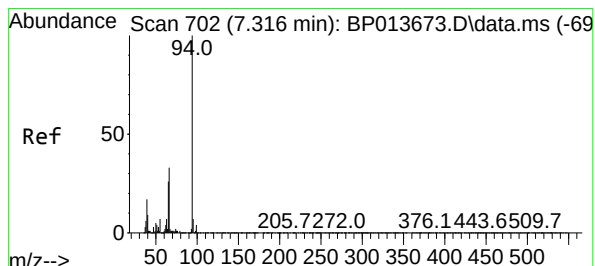
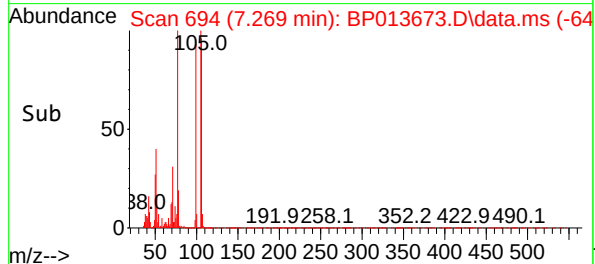
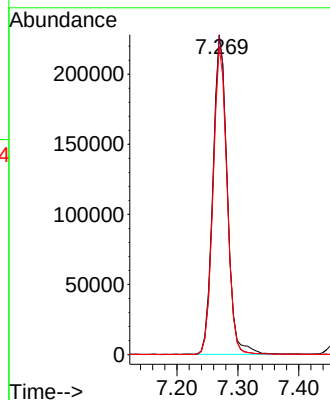
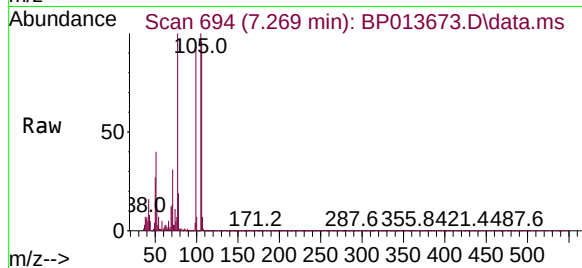




#9
Benzaldehyde
Concen: 42.688 ng
RT: 7.269 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

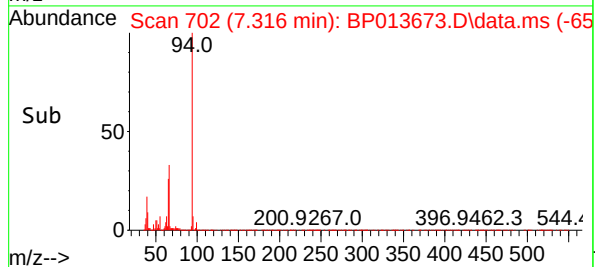
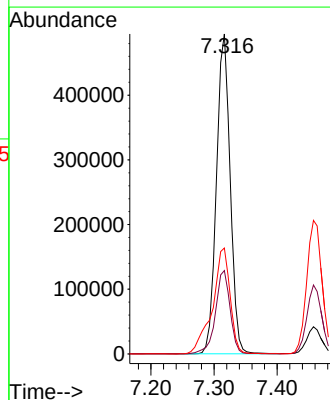
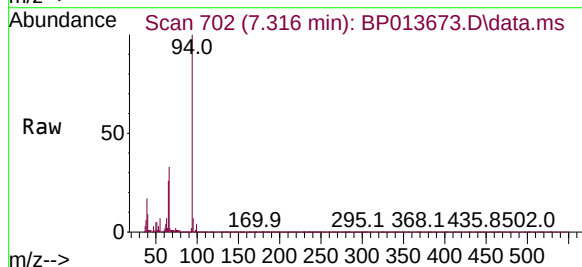
Instrument :
BNA_P
Client Sample Id :
SSTDICCC040

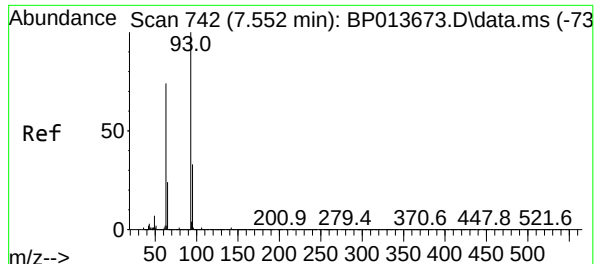
Tgt Ion: 77 Resp: 373258
Ion Ratio Lower Upper
77 100
105 100.4 80.4 120.4
106 96.7 76.7 116.7



#10
Phenol
Concen: 41.398 ng
RT: 7.316 min Scan# 702
Delta R.T. 0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

Tgt Ion: 94 Resp: 748446
Ion Ratio Lower Upper
94 100
65 26.0 6.0 46.0
66 33.1 13.1 53.1

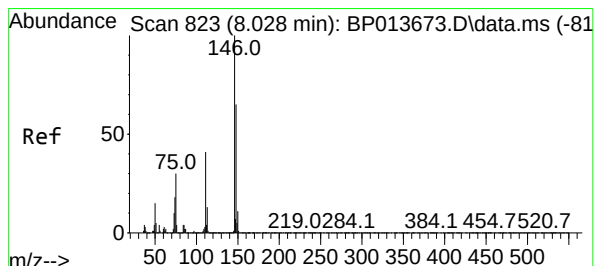
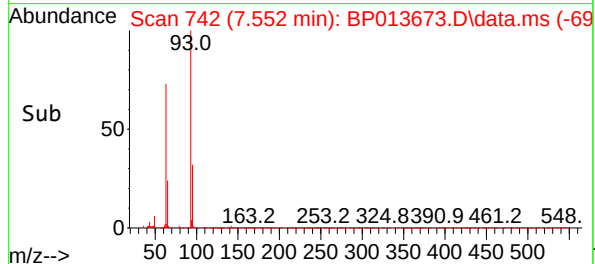
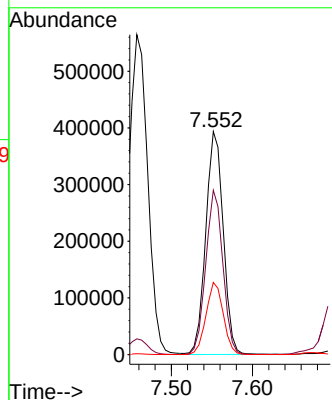
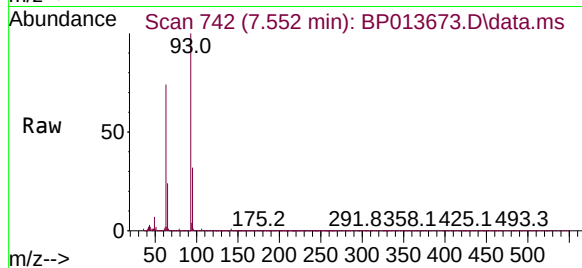




#11
bis(2-Chloroethyl)ether
Concen: 40.833 ng
RT: 7.552 min Scan# 742
Delta R.T. 0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

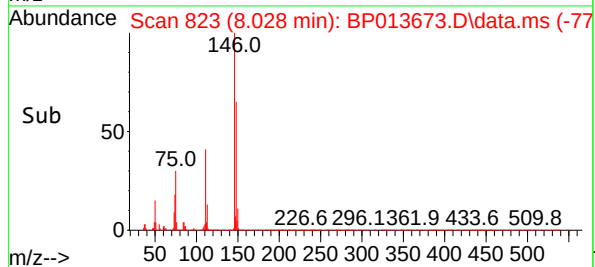
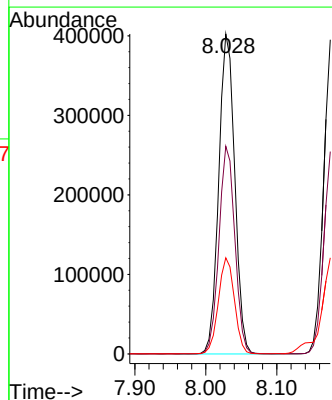
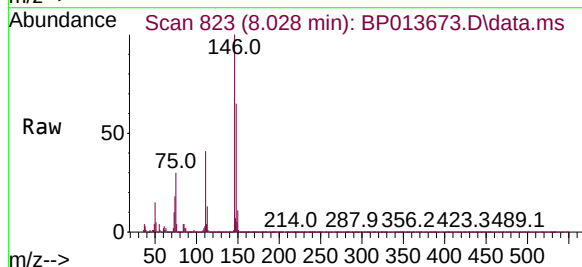
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

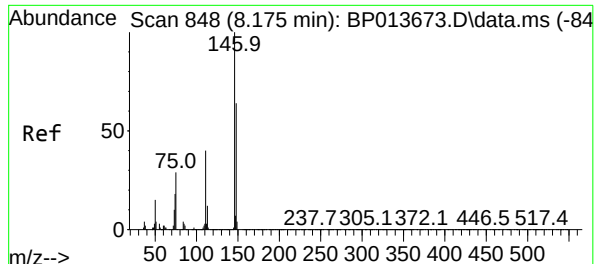
Tgt Ion: 93 Resp: 589722
Ion Ratio Lower Upper
93 100
63 73.7 53.7 93.7
95 32.4 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 40.935 ng
RT: 8.028 min Scan# 823
Delta R.T. 0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

Tgt Ion: 146 Resp: 630619
Ion Ratio Lower Upper
146 100
148 64.9 51.9 77.9
75 30.0 24.0 36.0





#13

1,4-Dichlorobenzene

Concen: 40.940 ng

RT: 8.175 min Scan# 84

Delta R.T. 0.000 min

Lab File: BP013673.D

Acq: 31 Jan 2023 13:38

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

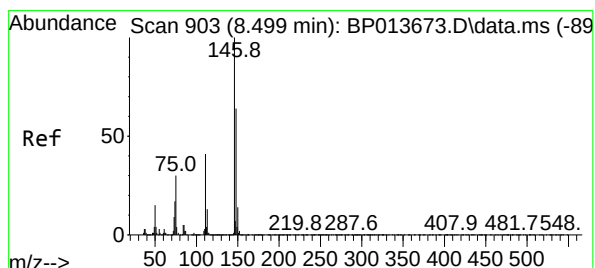
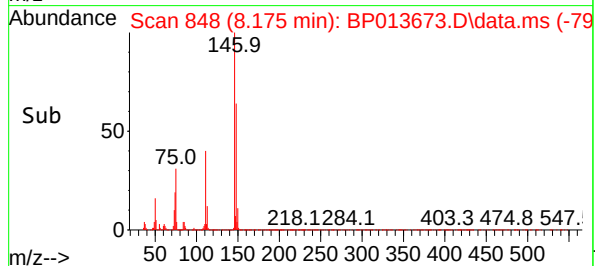
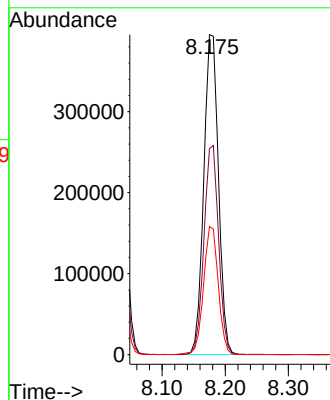
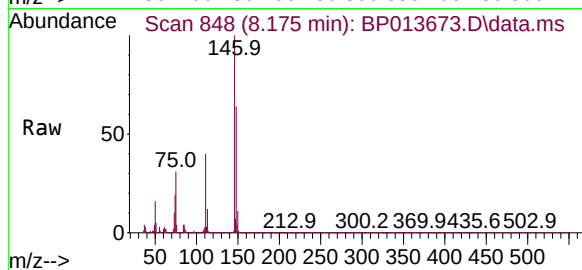
Tgt Ion:146 Resp: 638142

Ion Ratio Lower Upper

146 100

148 64.4 51.5 77.3

111 40.0 32.0 48.0



#14

1,2-Dichlorobenzene

Concen: 41.187 ng

RT: 8.499 min Scan# 903

Delta R.T. 0.000 min

Lab File: BP013673.D

Acq: 31 Jan 2023 13:38

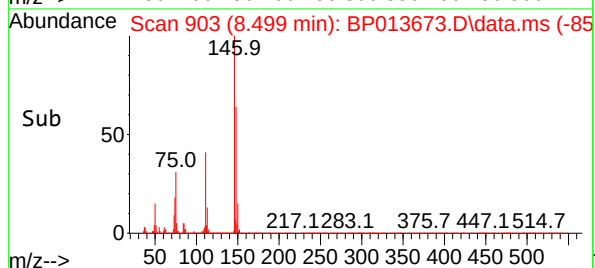
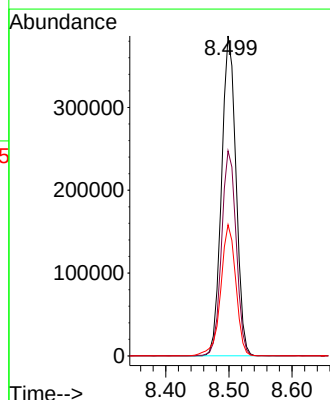
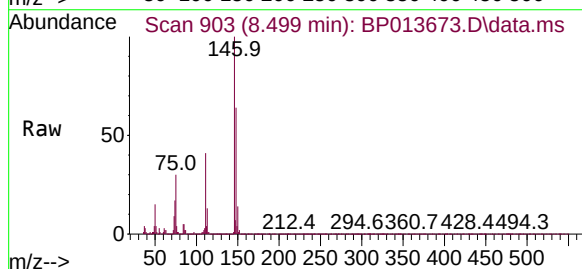
Tgt Ion:146 Resp: 614332

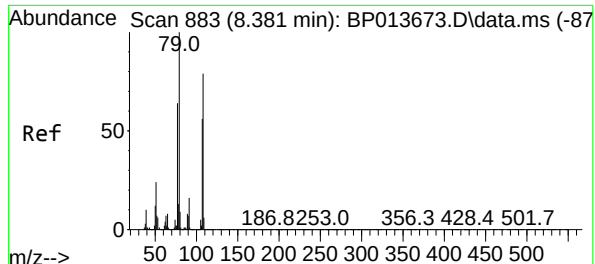
Ion Ratio Lower Upper

146 100

148 64.1 51.3 76.9

111 41.0 32.8 49.2





#15

Benzyl Alcohol

Concen: 41.708 ng

RT: 8.381 min Scan# 883

Delta R.T. -0.000 min

Lab File: BP013673.D

Acq: 31 Jan 2023 13:38

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

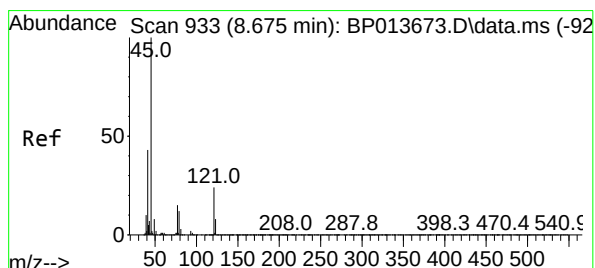
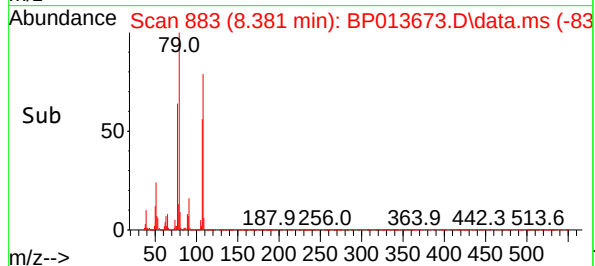
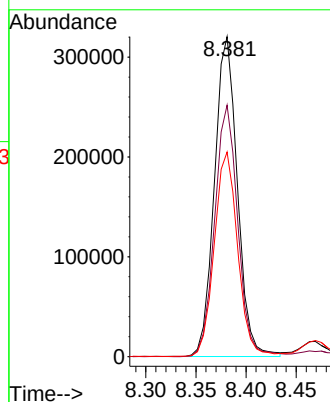
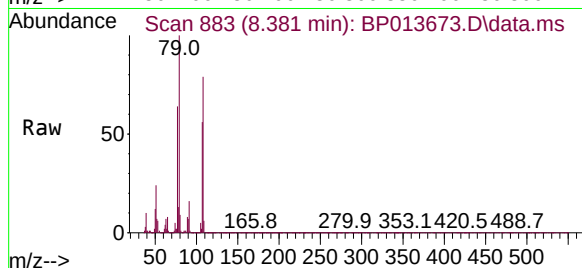
Tgt Ion: 79 Resp: 511116

Ion Ratio Lower Upper

79 100

108 78.6 62.9 94.3

77 63.9 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.829 ng

RT: 8.675 min Scan# 933

Delta R.T. 0.000 min

Lab File: BP013673.D

Acq: 31 Jan 2023 13:38

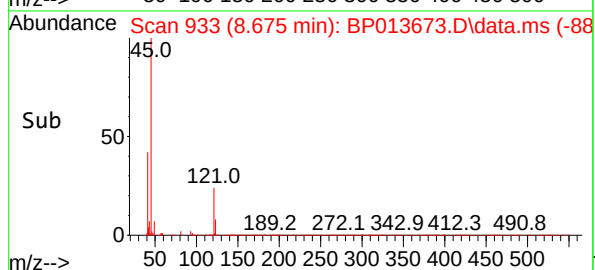
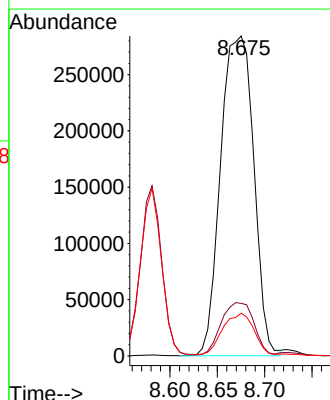
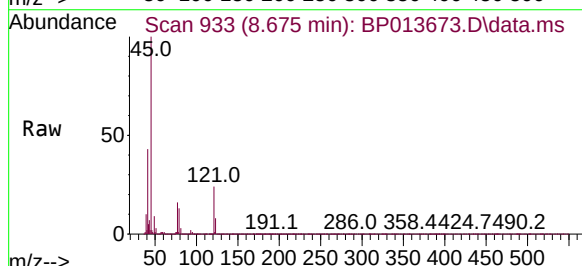
Tgt Ion: 45 Resp: 691293

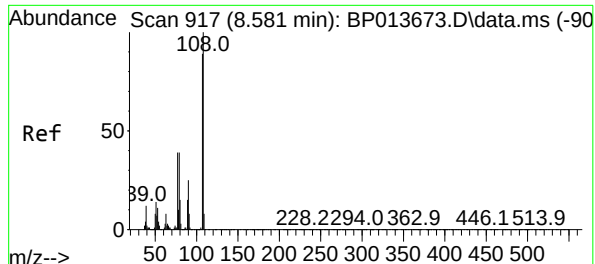
Ion Ratio Lower Upper

45 100

77 16.4 0.0 36.4

79 13.4 0.0 33.4





#17

2-Methylphenol

Concen: 41.641 ng

RT: 8.581 min Scan# 917

Delta R.T. 0.000 min

Lab File: BP013673.D

Acq: 31 Jan 2023 13:38

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:107 Resp: 527558

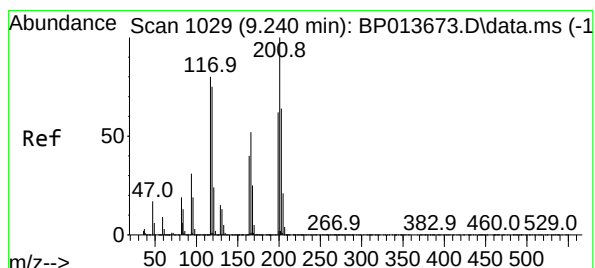
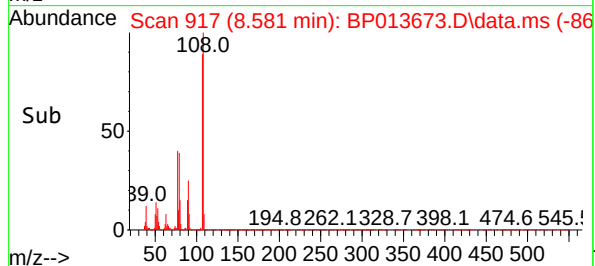
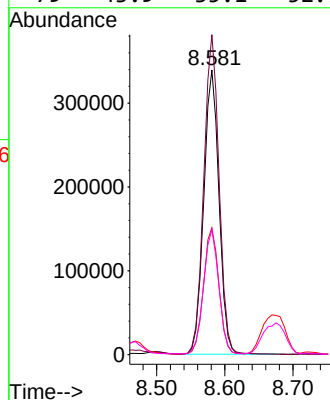
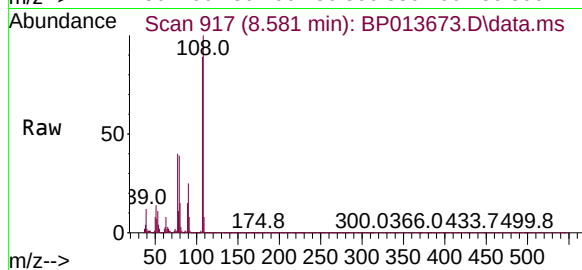
Ion Ratio Lower Upper

107 100

108 112.5 90.0 135.0

77 44.6 35.7 53.5

79 43.9 35.1 52.7



#18

Hexachloroethane

Concen: 40.339 ng

RT: 9.240 min Scan# 1029

Delta R.T. 0.000 min

Lab File: BP013673.D

Acq: 31 Jan 2023 13:38

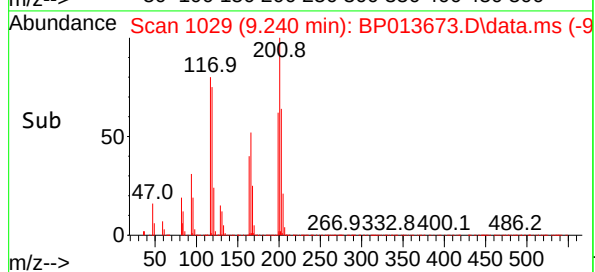
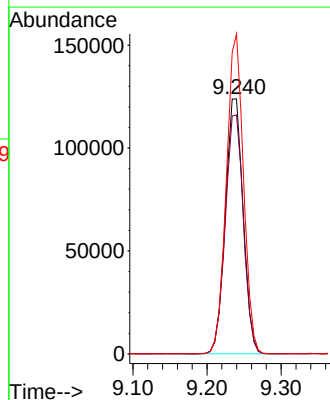
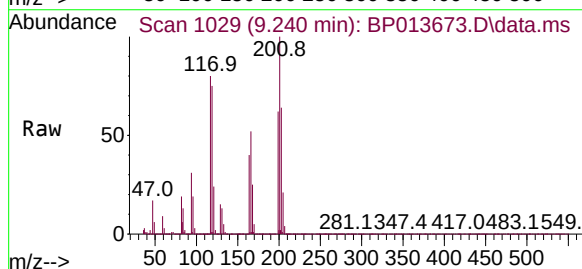
Tgt Ion:117 Resp: 207339

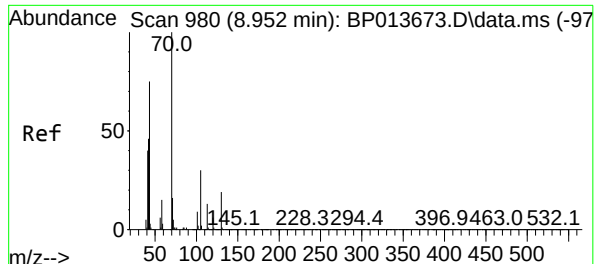
Ion Ratio Lower Upper

117 100

119 93.7 75.0 112.4

201 125.5 100.4 150.6





#19

n-Nitroso-di-n-propylamine

Concen: 42.241 ng

RT: 8.952 min Scan# 980

Delta R.T. -0.000 min

Lab File: BP013673.D

Acq: 31 Jan 2023 13:38

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 458666

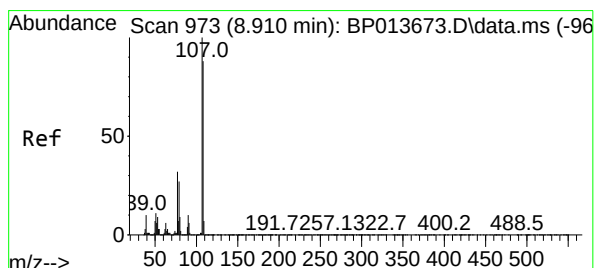
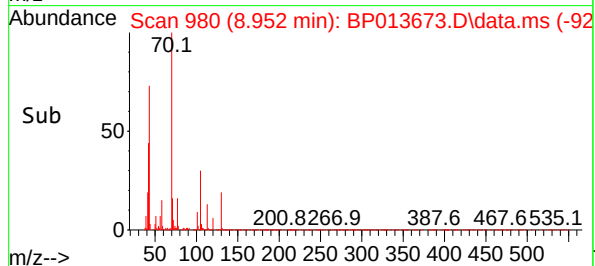
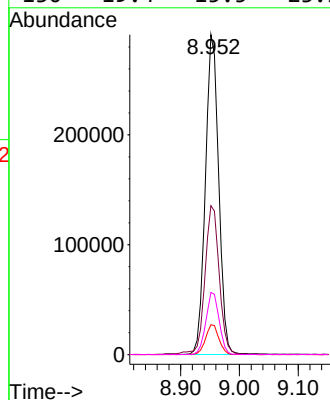
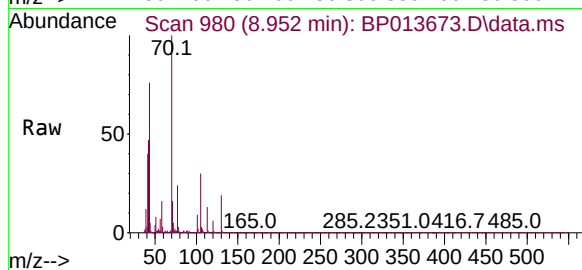
Ion Ratio Lower Upper

70 100

42 46.5 37.2 55.8

101 9.3 7.4 11.2

130 19.4 15.5 23.3



#20

3+4-Methylphenols

Concen: 41.649 ng

RT: 8.910 min Scan# 973

Delta R.T. 0.000 min

Lab File: BP013673.D

Acq: 31 Jan 2023 13:38

Tgt Ion: 107 Resp: 719832

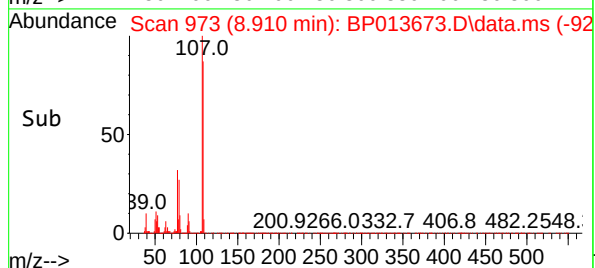
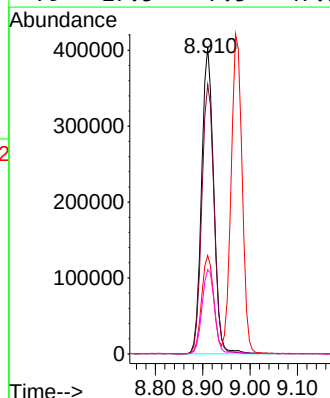
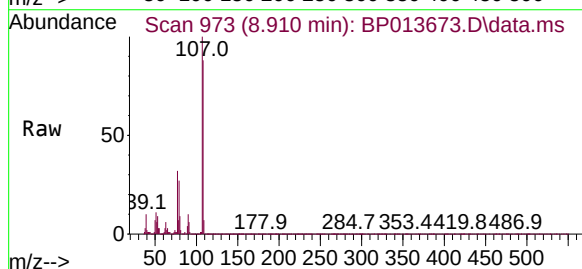
Ion Ratio Lower Upper

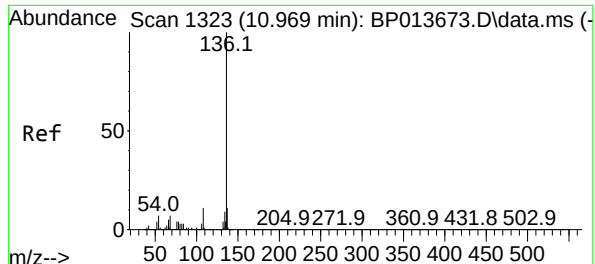
107 100

108 87.7 67.7 107.7

77 32.0 12.0 52.0

79 27.5 7.5 47.5

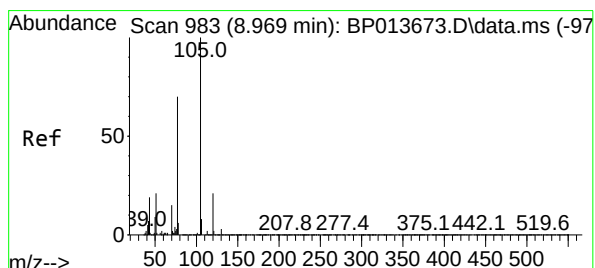
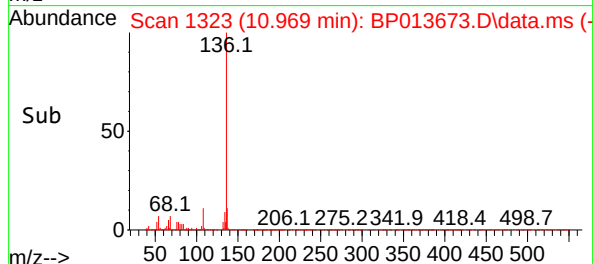
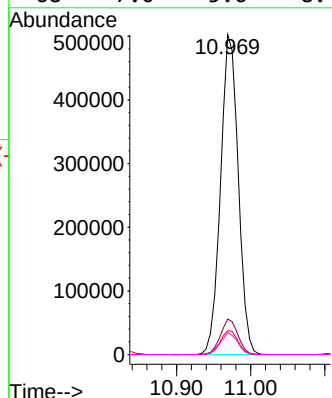
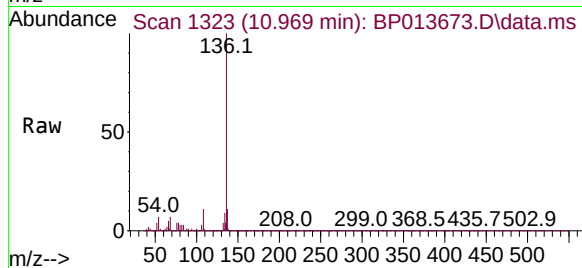




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.969 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

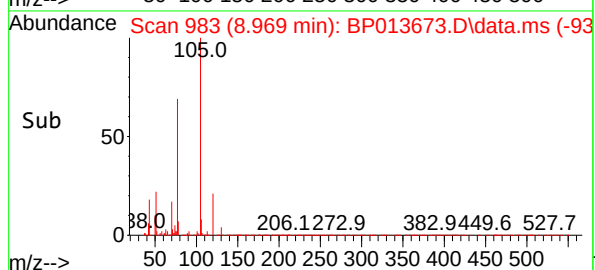
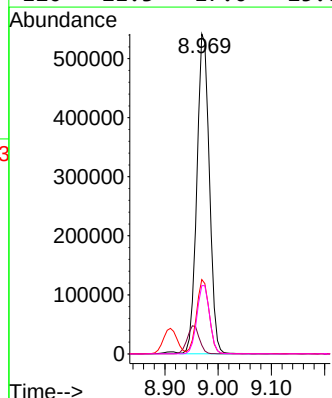
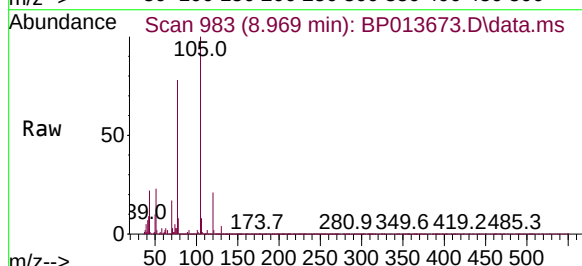
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

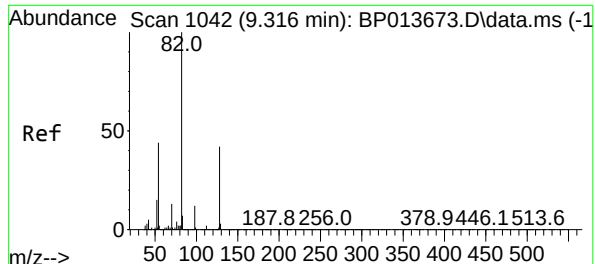
Tgt Ion:	136	Resp:	832306
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	7.5	6.0	9.0
68	7.0	5.6	8.4



#22
Acetophenone
Concen: 40.693 ng
RT: 8.969 min Scan# 983
Delta R.T. 0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

Tgt Ion:	105	Resp:	883213
Ion Ratio	Lower	Upper	
105	100		
71	2.7	2.2	3.2
51	23.2	18.6	27.8
120	21.3	17.0	25.6





#23

Nitrobenzene-d5

Concen: 83.718 ng

RT: 9.316 min Scan# 1042

Delta R.T. 0.000 min

Lab File: BP013673.D

Acq: 31 Jan 2023 13:38

Instrument :

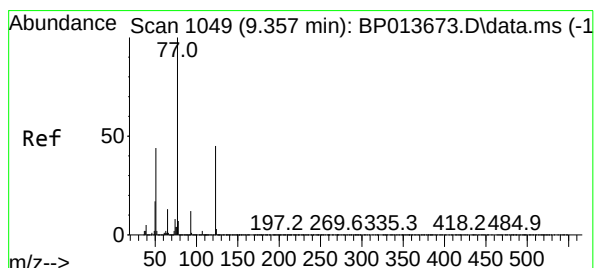
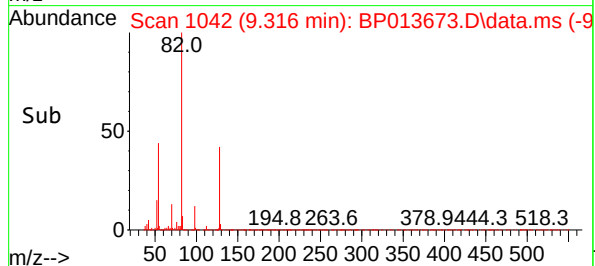
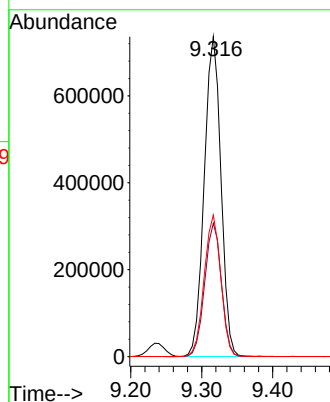
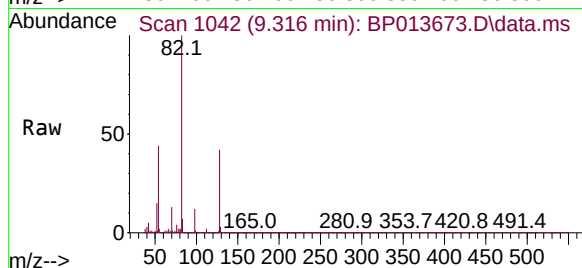
BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 1197854

Ion	Ratio	Lower	Upper
82	100		
128	41.7	33.4	50.0
54	44.2	35.4	53.0



#24

Nitrobenzene

Concen: 41.507 ng

RT: 9.357 min Scan# 1049

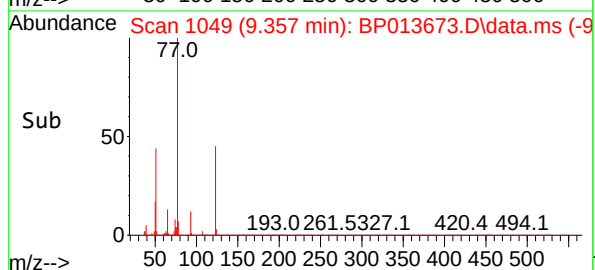
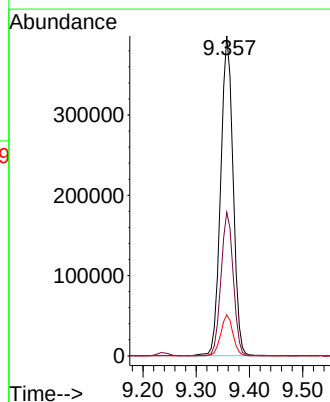
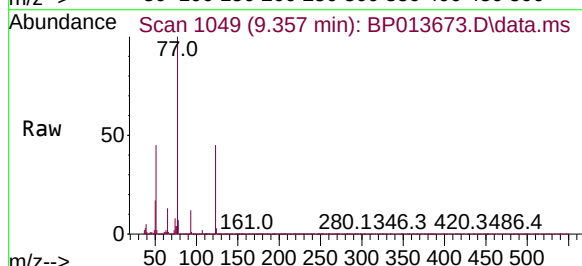
Delta R.T. 0.000 min

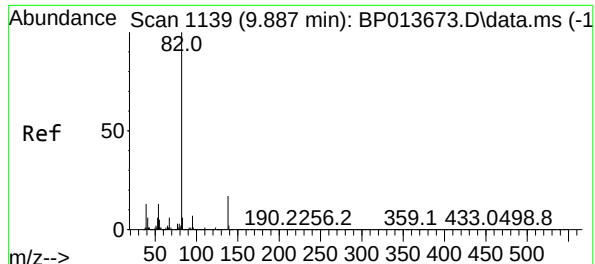
Lab File: BP013673.D

Acq: 31 Jan 2023 13:38

Tgt Ion: 77 Resp: 644174

Ion	Ratio	Lower	Upper
77	100		
123	44.9	35.9	53.9
65	12.8	10.2	15.4

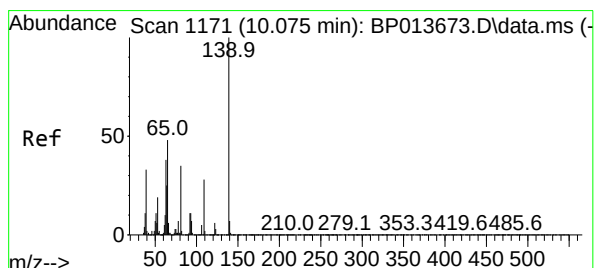
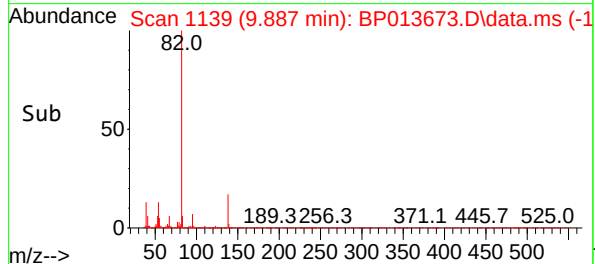
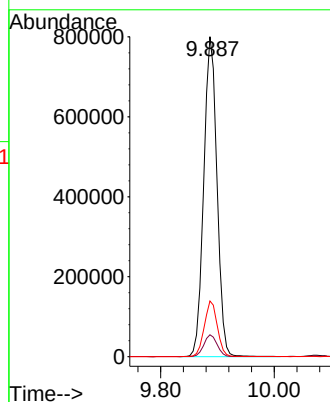
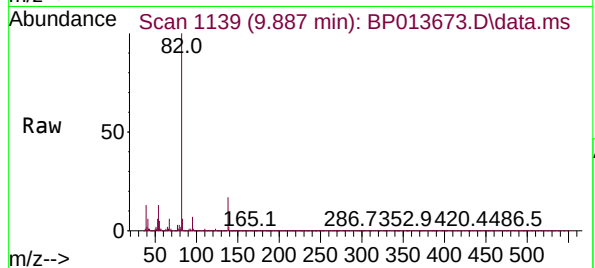




#25
Isophorone
Concen: 40.857 ng
RT: 9.887 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

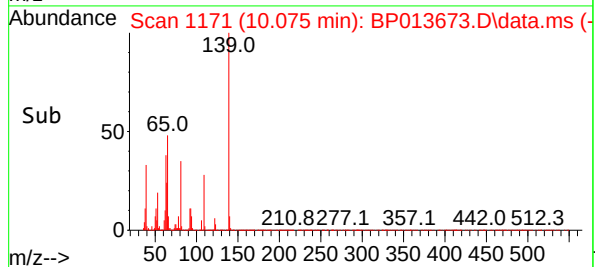
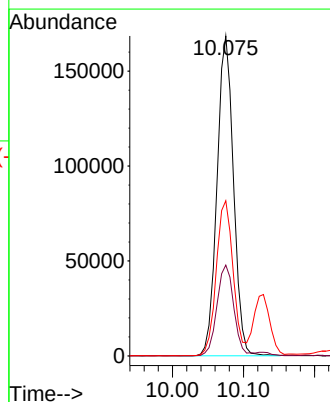
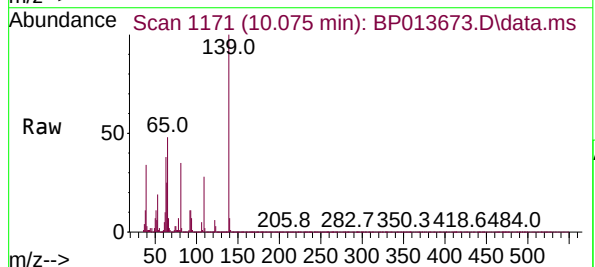
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

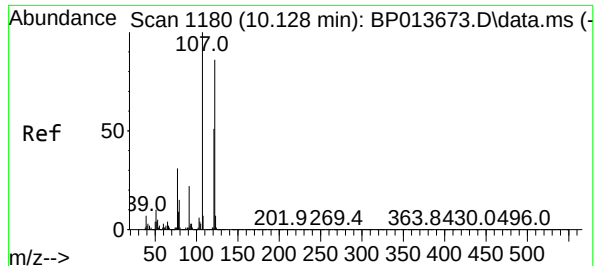
Tgt Ion: 82 Resp: 1295693
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 17.4 13.9 20.9



#26
2-Nitrophenol
Concen: 41.896 ng
RT: 10.075 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

Tgt Ion: 139 Resp: 272155
Ion Ratio Lower Upper
139 100
109 28.4 22.7 34.1
65 48.5 38.8 58.2

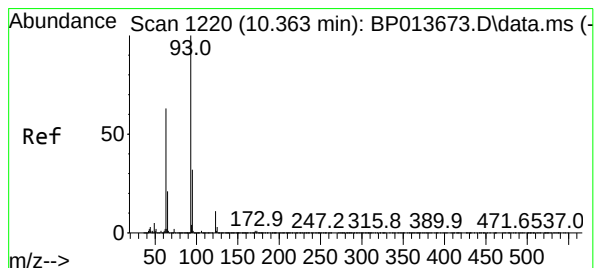
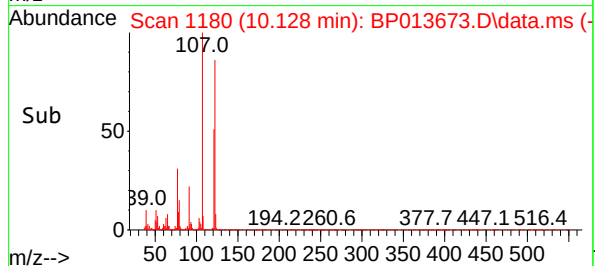
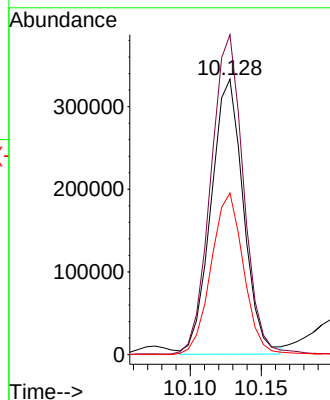
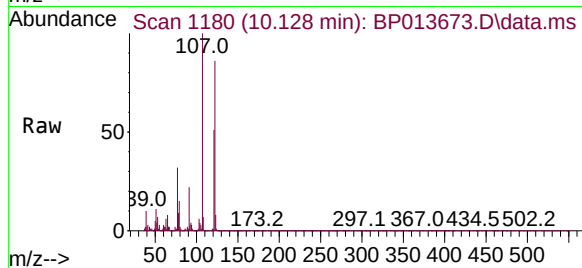




#27
2,4-Dimethylphenol
Concen: 39.631 ng
RT: 10.128 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

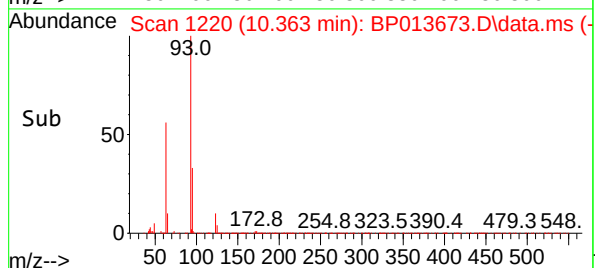
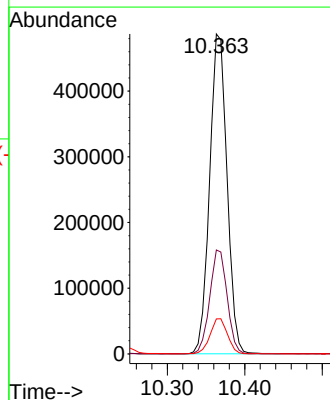
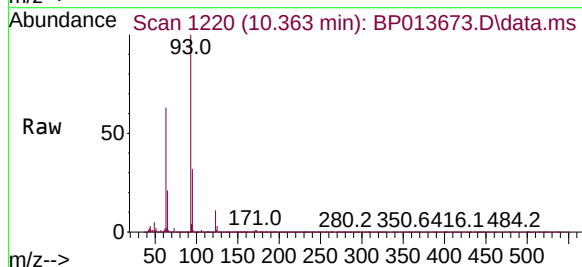
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

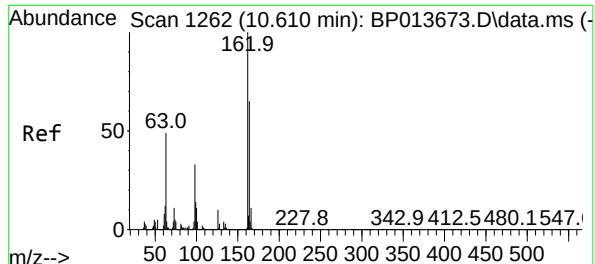
Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.3	93.0	139.6
121	58.7	47.0	70.4



#28
bis(2-Chloroethoxy)methane
Concen: 39.915 ng
RT: 10.363 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.0	39.0
123	10.9	8.7	13.1





#29

2,4-Dichlorophenol

Concen: 40.748 ng

RT: 10.610 min Scan# 1262

Delta R.T. 0.000 min

Lab File: BP013673.D

Acq: 31 Jan 2023 13:38

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

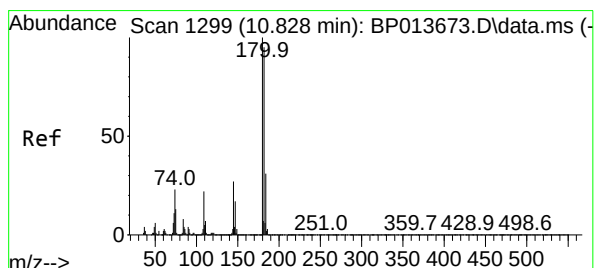
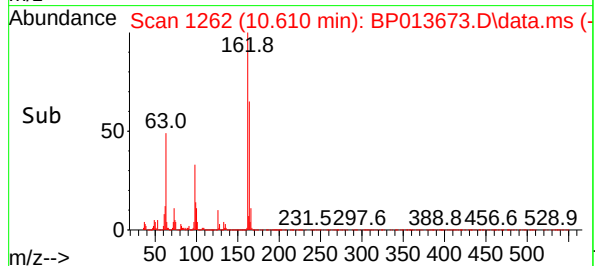
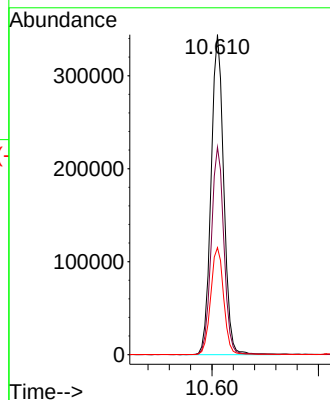
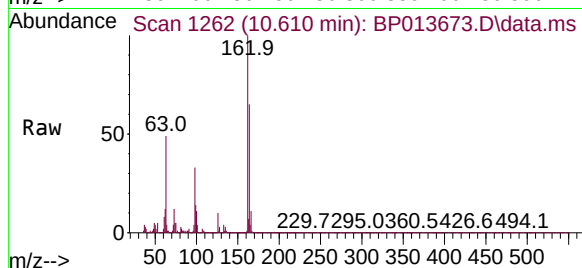
Tgt Ion:162 Resp: 567631

Ion Ratio Lower Upper

162 100

164 64.8 44.8 84.8

98 33.4 13.4 53.4



#30

1,2,4-Trichlorobenzene

Concen: 40.042 ng

RT: 10.828 min Scan# 1299

Delta R.T. 0.000 min

Lab File: BP013673.D

Acq: 31 Jan 2023 13:38

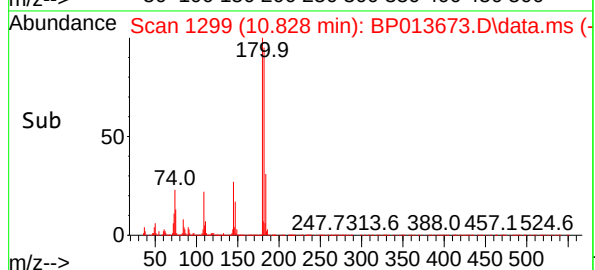
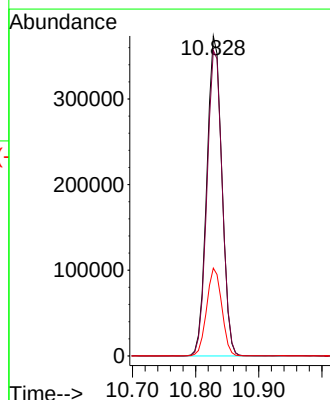
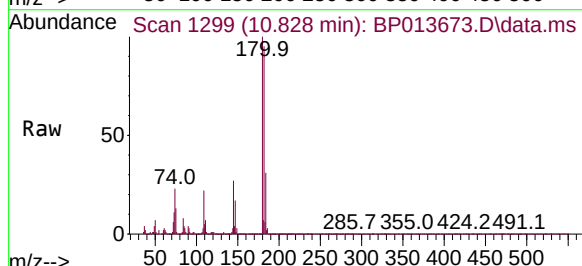
Tgt Ion:180 Resp: 618921

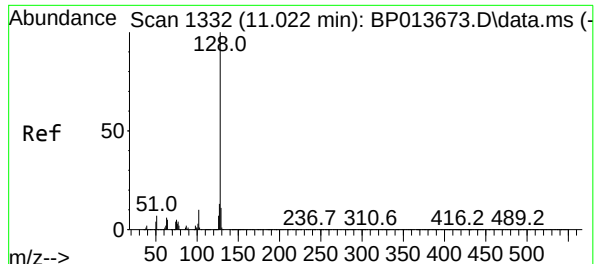
Ion Ratio Lower Upper

180 100

182 95.5 76.4 114.6

145 27.4 21.9 32.9





#31

Naphthalene

Concen: 40.303 ng

RT: 11.022 min Scan# 1332

Delta R.T. 0.000 min

Lab File: BP013673.D

Acq: 31 Jan 2023 13:38

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

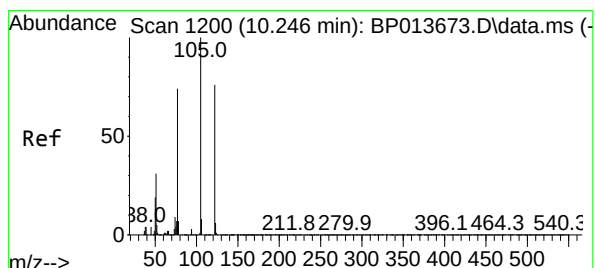
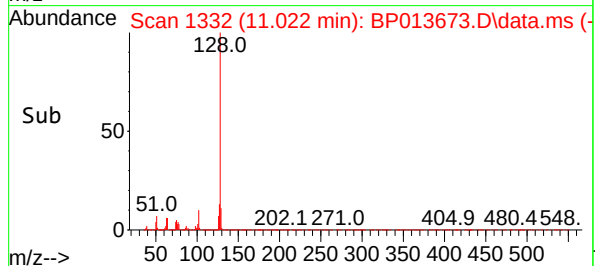
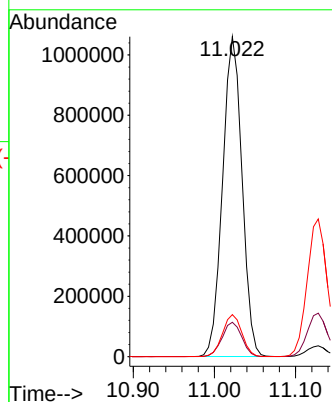
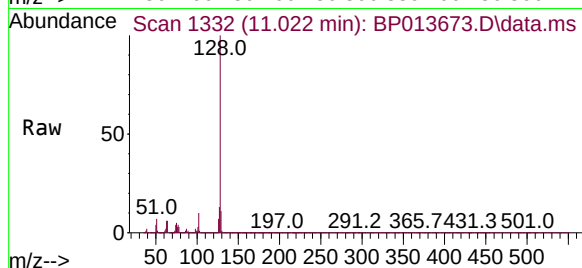
Tgt Ion:128 Resp: 1763772

Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

127 13.1 10.5 15.7



#32

Benzoic acid

Concen: 40.662 ng

RT: 10.246 min Scan# 1200

Delta R.T. -0.000 min

Lab File: BP013673.D

Acq: 31 Jan 2023 13:38

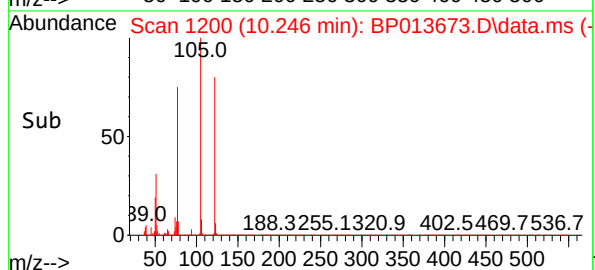
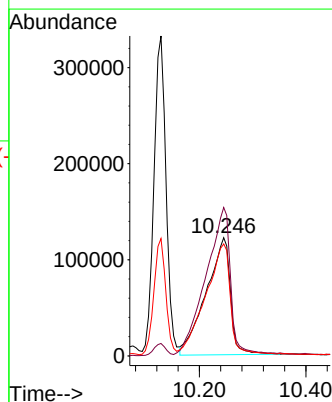
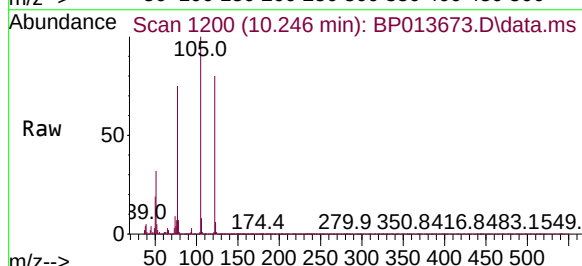
Tgt Ion:122 Resp: 386879

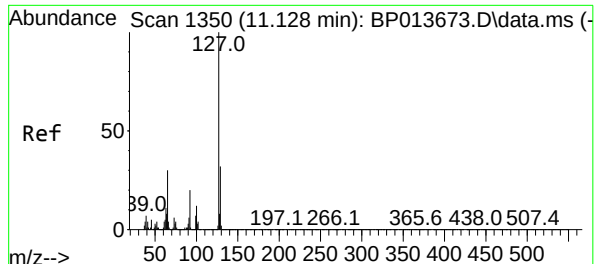
Ion Ratio Lower Upper

122 100

105 125.5 105.5 145.5

77 94.7 74.7 114.7





#33

4-Chloroaniline

Concen: 40.889 ng

RT: 11.128 min Scan# 1350

Delta R.T. 0.000 min

Lab File: BP013673.D

Acq: 31 Jan 2023 13:38

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:127 Resp: 786258

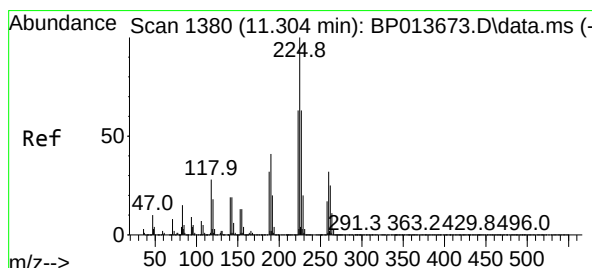
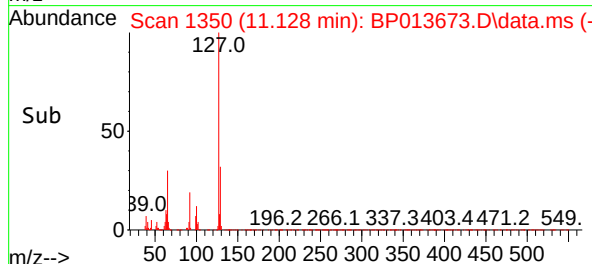
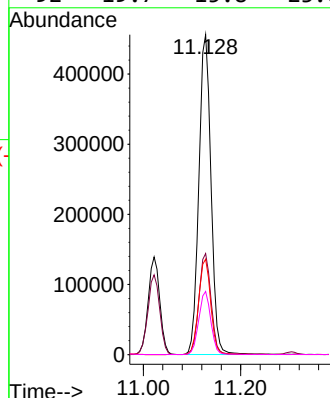
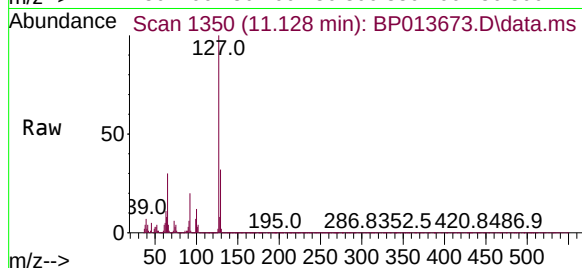
Ion Ratio Lower Upper

127 100

129 31.6 25.3 37.9

65 29.8 23.8 35.8

92 19.7 15.8 23.6



#34

Hexachlorobutadiene

Concen: 39.594 ng

RT: 11.304 min Scan# 1380

Delta R.T. 0.000 min

Lab File: BP013673.D

Acq: 31 Jan 2023 13:38

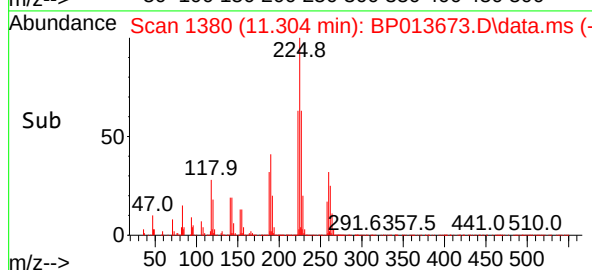
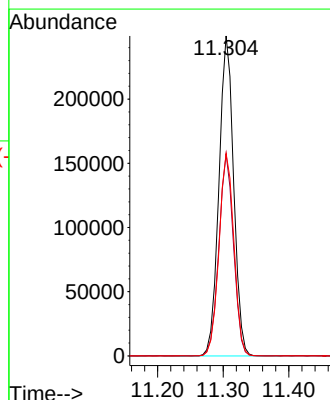
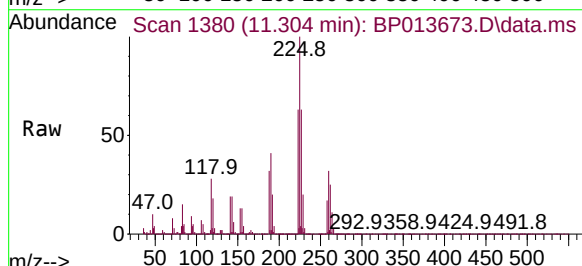
Tgt Ion:225 Resp: 388480

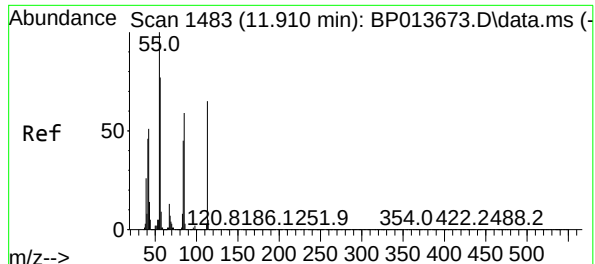
Ion Ratio Lower Upper

225 100

223 63.1 50.5 75.7

227 63.2 50.6 75.8

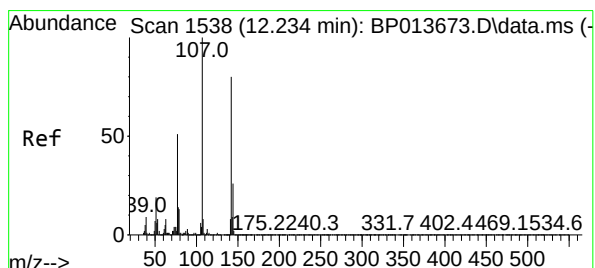
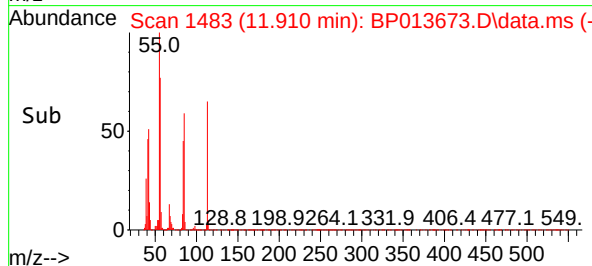
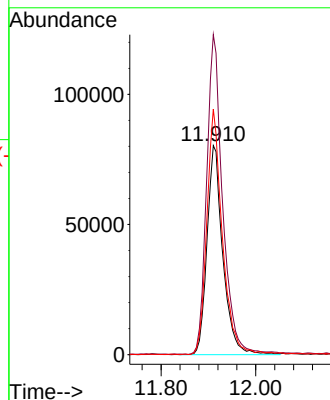
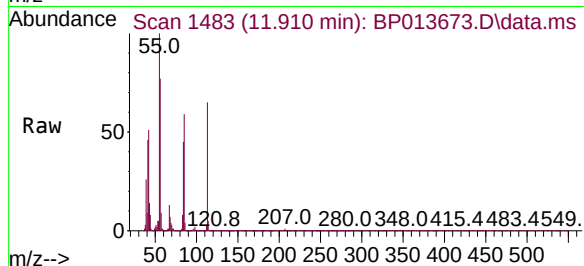




#35
Caprolactam
Concen: 40.797 ng
RT: 11.910 min Scan# 1483
Delta R.T. 0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

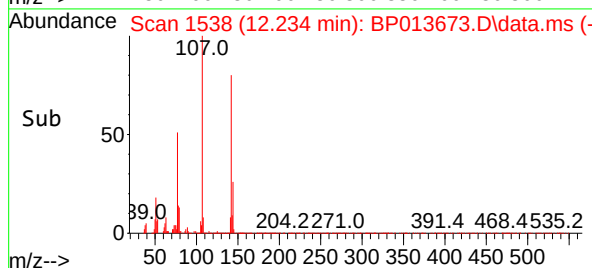
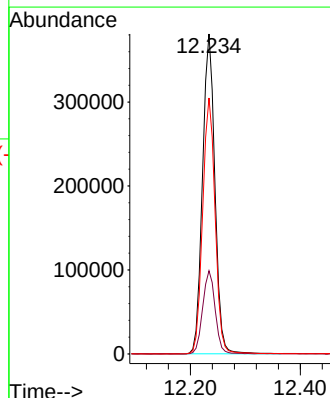
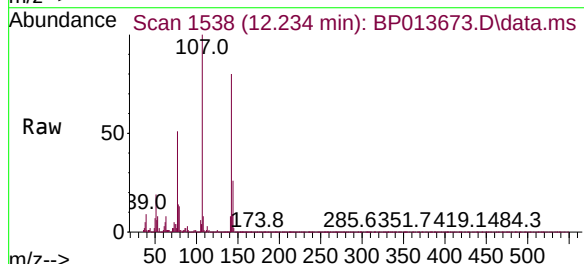
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

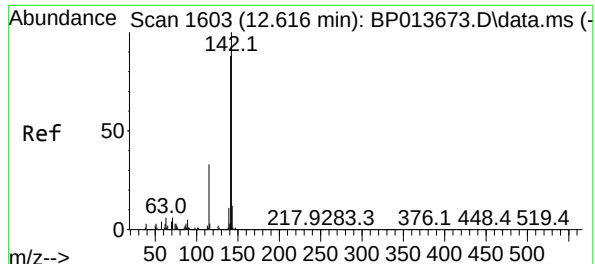
Tgt Ion:113 Resp: 185916
Ion Ratio Lower Upper
113 100
55 153.0 133.0 173.0
56 117.4 97.4 137.4



#36
4-Chloro-3-methylphenol
Concen: 40.649 ng
RT: 12.234 min Scan# 1538
Delta R.T. 0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

Tgt Ion:107 Resp: 595647
Ion Ratio Lower Upper
107 100
144 26.0 20.8 31.2
142 80.0 64.0 96.0

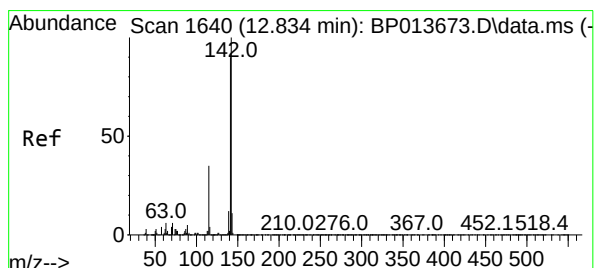
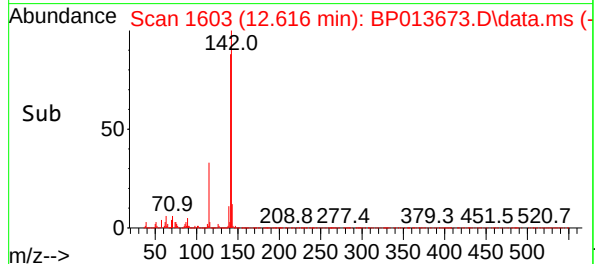
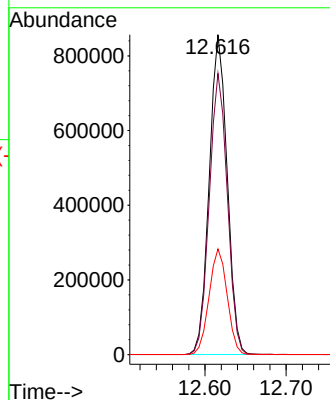
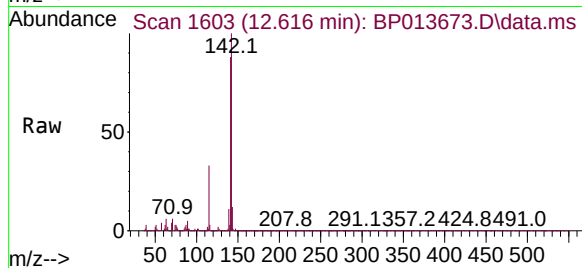




#37
2-Methylnaphthalene
Concen: 40.088 ng
RT: 12.616 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

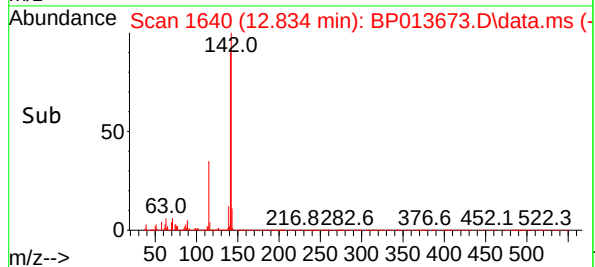
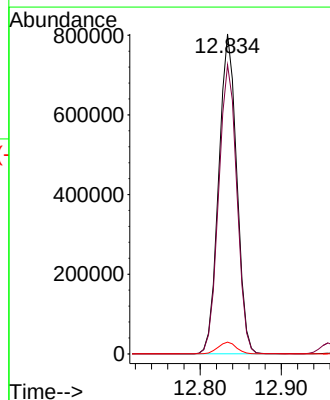
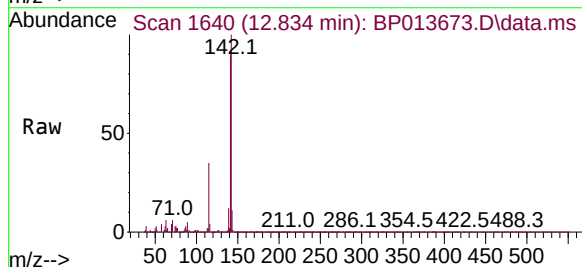
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

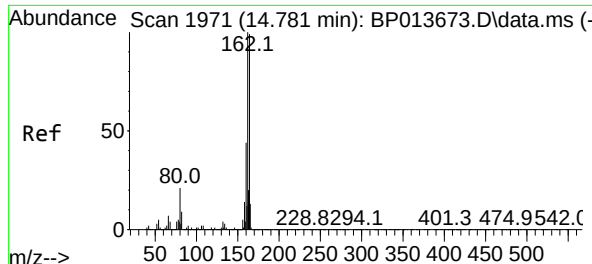
Tgt Ion:142 Resp: 1319106
Ion Ratio Lower Upper
142 100
141 87.9 70.3 105.5
115 33.0 26.4 39.6



#38
1-Methylnaphthalene
Concen: 39.991 ng
RT: 12.834 min Scan# 1640
Delta R.T. 0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

Tgt Ion:142 Resp: 1236119
Ion Ratio Lower Upper
142 100
141 90.3 72.2 108.4
116 3.7 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.781 min Scan# 1971

Delta R.T. 0.000 min

Lab File: BP013673.D

Acq: 31 Jan 2023 13:38

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

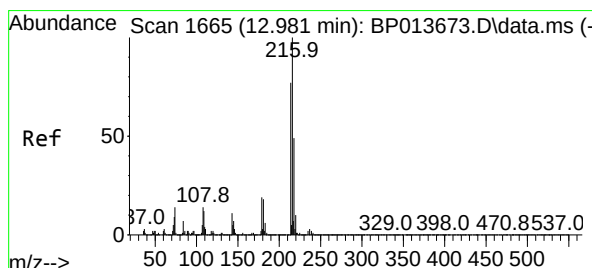
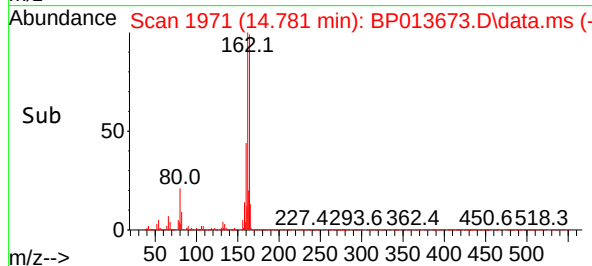
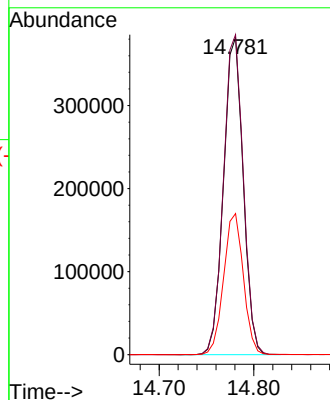
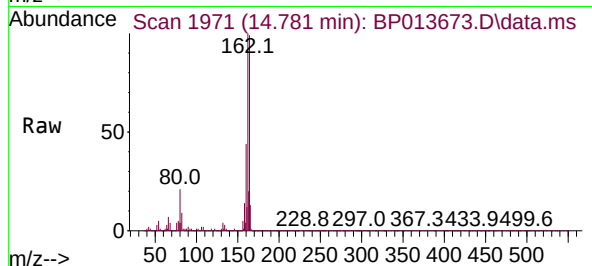
Tgt Ion:164 Resp: 549003

Ion Ratio Lower Upper

164 100

162 101.0 80.8 121.2

160 44.5 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.736 ng

RT: 12.981 min Scan# 1665

Delta R.T. -0.000 min

Lab File: BP013673.D

Acq: 31 Jan 2023 13:38

Tgt Ion:216 Resp: 763524

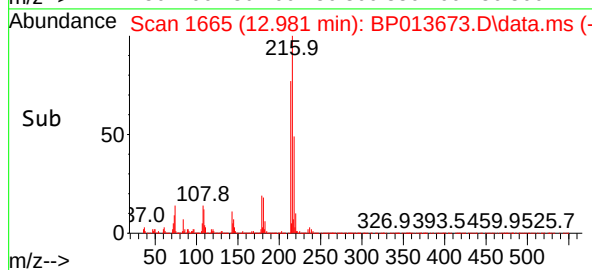
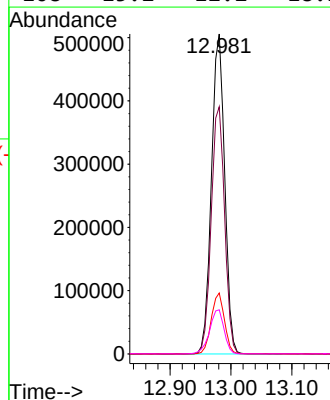
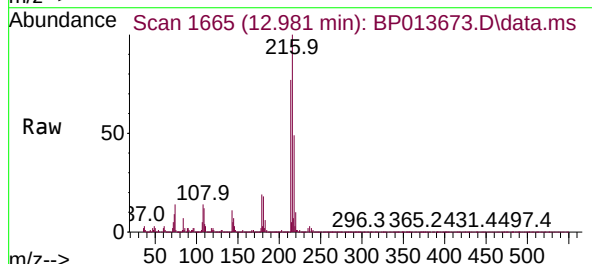
Ion Ratio Lower Upper

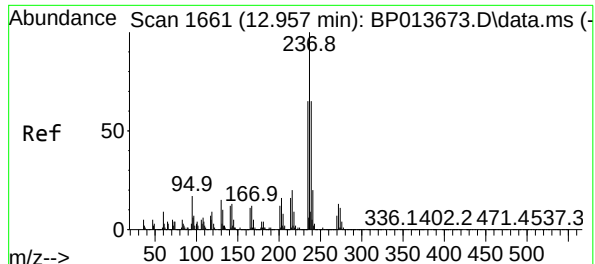
216 100

214 78.3 62.6 94.0

179 19.0 15.2 22.8

108 15.2 12.2 18.2

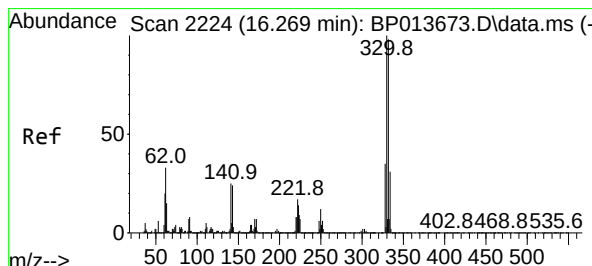
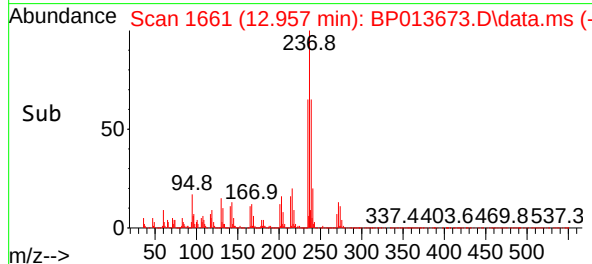
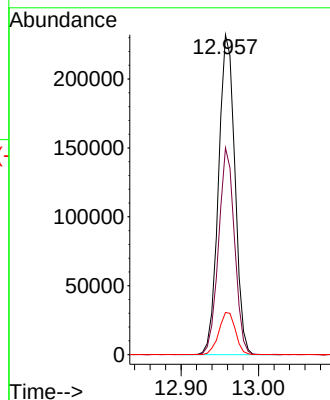
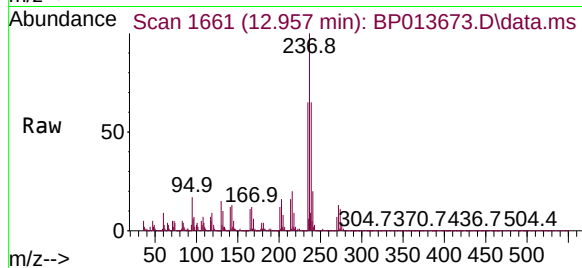




#41
Hexachlorocyclopentadiene
Concen: 39.856 ng
RT: 12.957 min Scan# 1661
Delta R.T. 0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

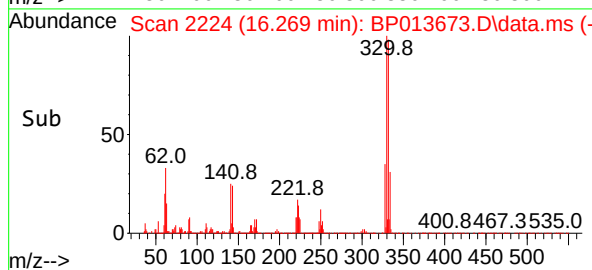
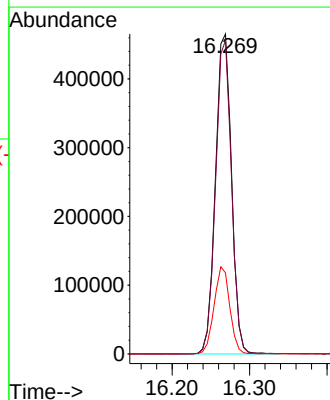
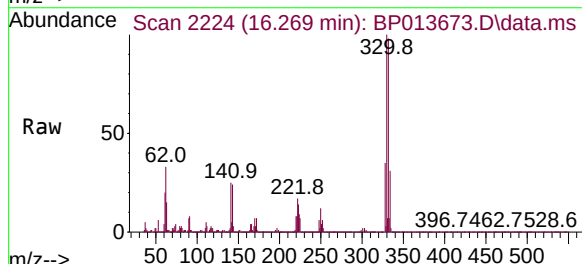
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

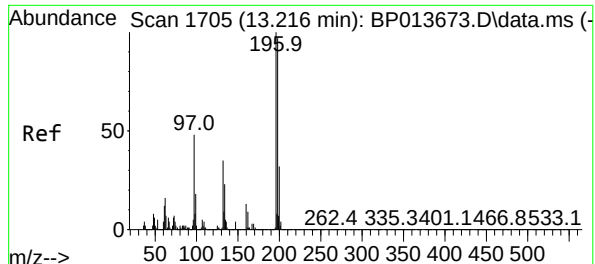
Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.6	44.6	84.6
272	13.2	0.0	33.2



#42
2,4,6-Tribromophenol
Concen: 81.537 ng
RT: 16.269 min Scan# 2224
Delta R.T. -0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.2
141	26.6	21.3	31.9





#43

2,4,6-Trichlorophenol

Concen: 41.429 ng

RT: 13.216 min Scan# 1705

Delta R.T. 0.000 min

Lab File: BP013673.D

Acq: 31 Jan 2023 13:38

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

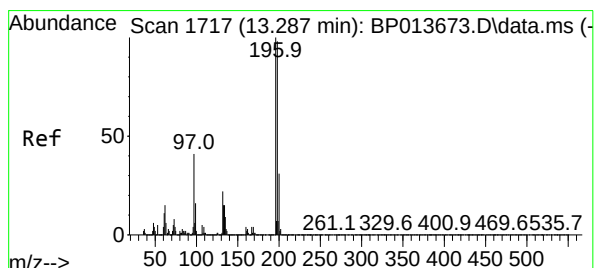
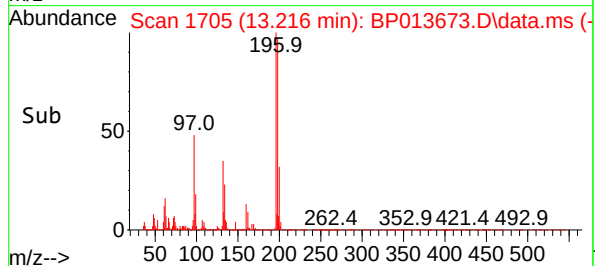
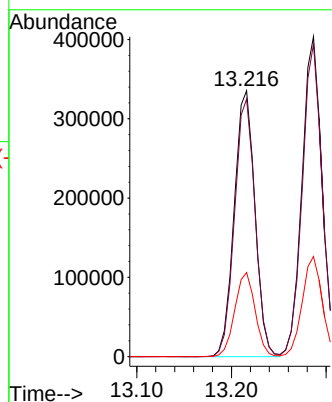
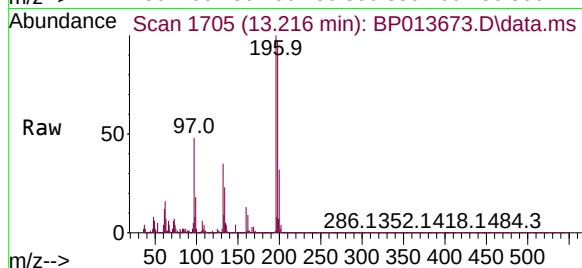
Tgt Ion:196 Resp: 511316

Ion Ratio Lower Upper

196 100

198 96.9 77.5 116.3

200 31.6 25.3 37.9



#44

2,4,5-Trichlorophenol

Concen: 41.290 ng

RT: 13.287 min Scan# 1717

Delta R.T. 0.000 min

Lab File: BP013673.D

Acq: 31 Jan 2023 13:38

Tgt Ion:196 Resp: 596651

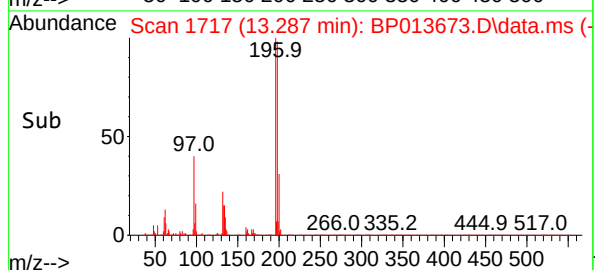
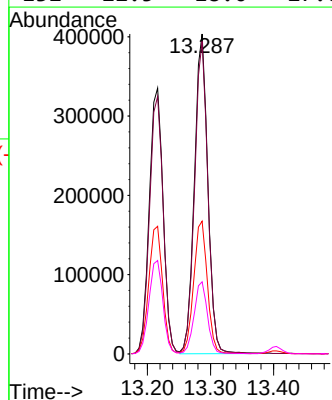
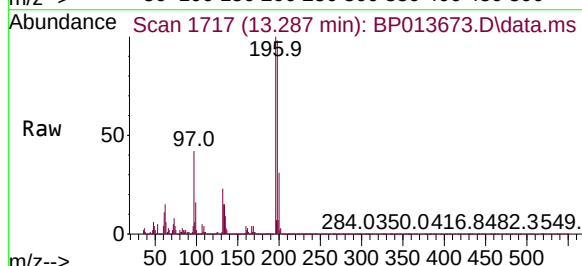
Ion Ratio Lower Upper

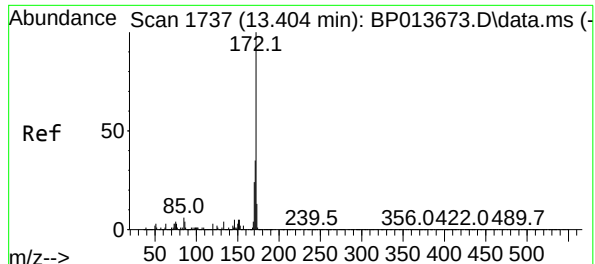
196 100

198 97.7 78.2 117.2

97 41.5 33.2 49.8

132 22.5 18.0 27.0

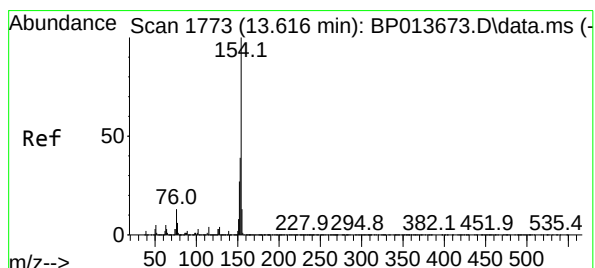
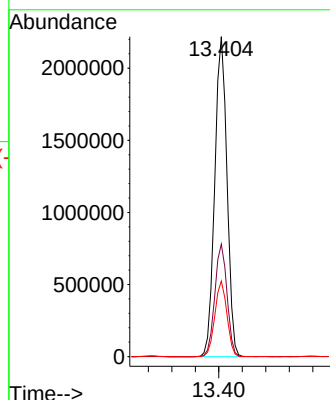
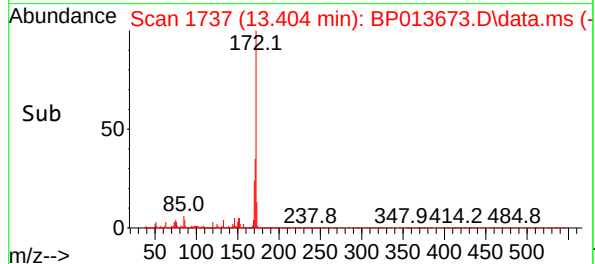
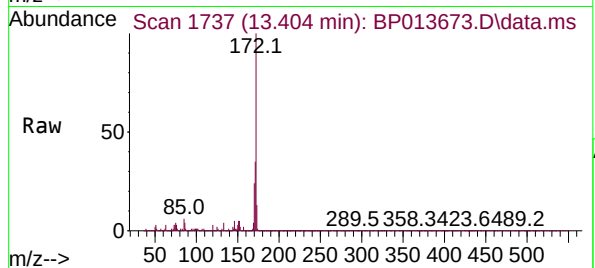




#45
2-Fluorobiphenyl
Concen: 81.627 ng
RT: 13.404 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

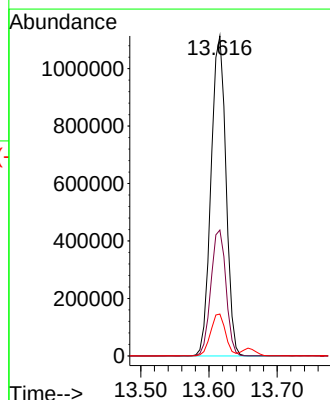
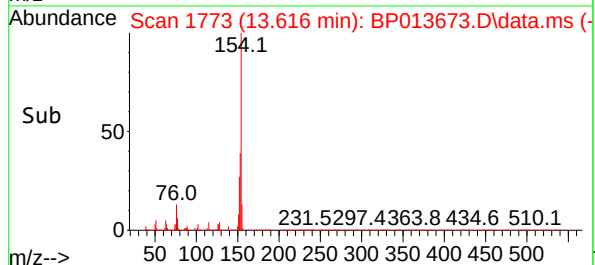
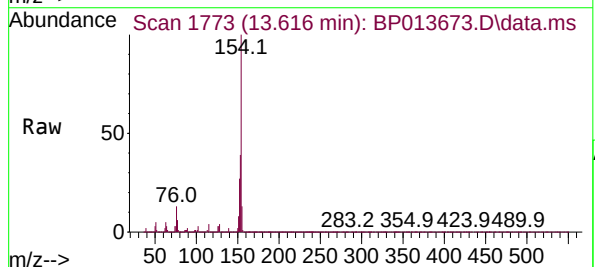
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

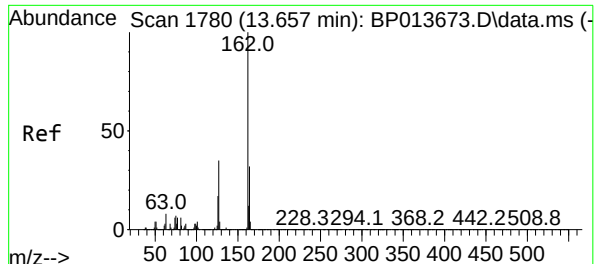
Tgt Ion:172 Resp: 3202615
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.7 19.0 28.4



#46
1,1'-Biphenyl
Concen: 40.672 ng
RT: 13.616 min Scan# 1773
Delta R.T. -0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

Tgt Ion:154 Resp: 1689729
Ion Ratio Lower Upper
154 100
153 39.3 19.3 59.3
76 13.1 0.0 33.1





#47

2-Chloronaphthalene

Concen: 40.725 ng

RT: 13.657 min Scan# 1780

Delta R.T. 0.000 min

Lab File: BP013673.D

Acq: 31 Jan 2023 13:38

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

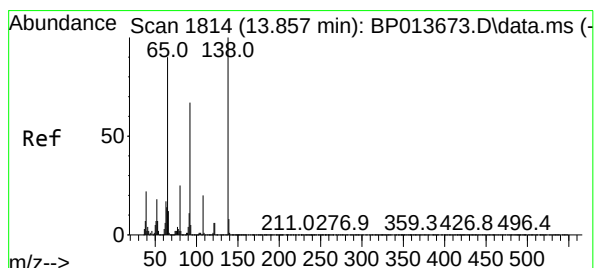
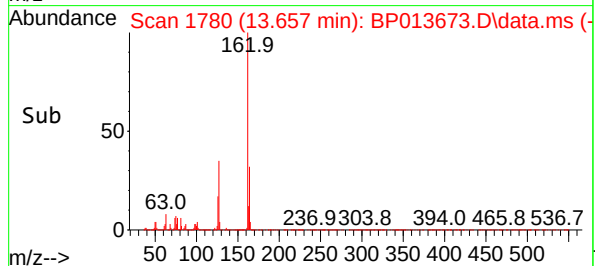
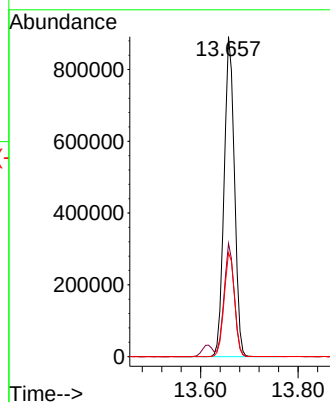
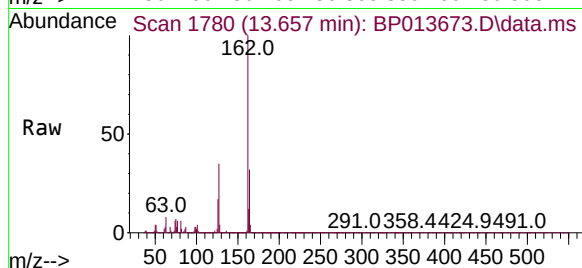
Tgt Ion:162 Resp: 1307801

Ion Ratio Lower Upper

162 100

127 35.4 28.3 42.5

164 32.4 25.9 38.9



#48

2-Nitroaniline

Concen: 42.788 ng

RT: 13.857 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BP013673.D

Acq: 31 Jan 2023 13:38

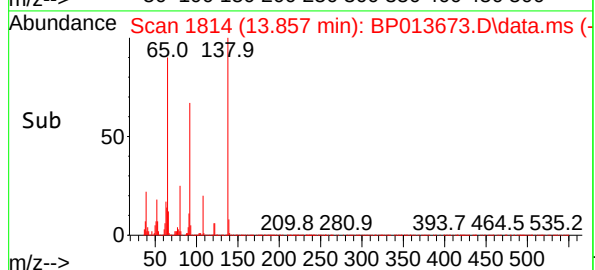
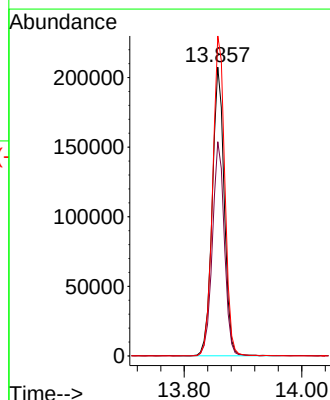
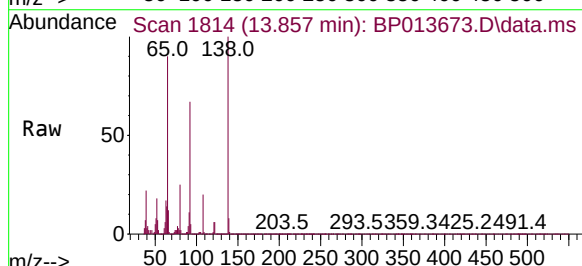
Tgt Ion: 65 Resp: 293611

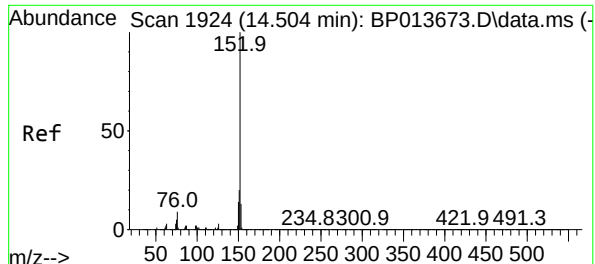
Ion Ratio Lower Upper

65 100

92 74.2 59.4 89.0

138 110.8 88.6 133.0





#49

Acenaphthylene

Concen: 40.750 ng

RT: 14.504 min Scan# 1924

Delta R.T. 0.000 min

Lab File: BP013673.D

Acq: 31 Jan 2023 13:38

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

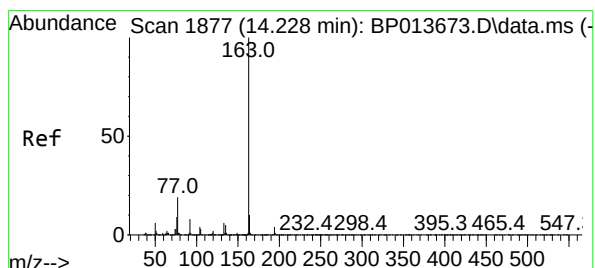
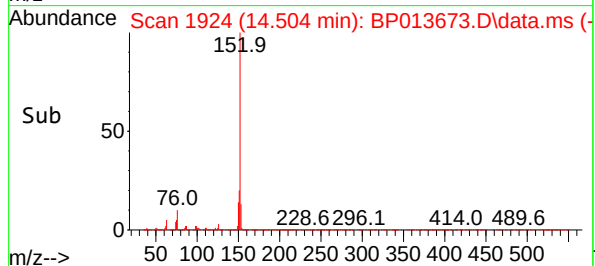
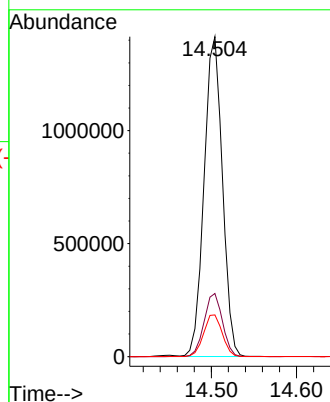
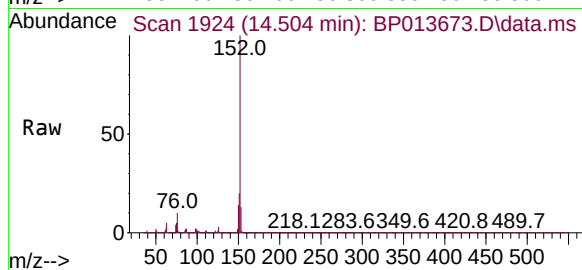
Tgt Ion:152 Resp: 2110366

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

153 13.0 10.4 15.6



#50

Dimethylphthalate

Concen: 40.585 ng

RT: 14.228 min Scan# 1877

Delta R.T. 0.000 min

Lab File: BP013673.D

Acq: 31 Jan 2023 13:38

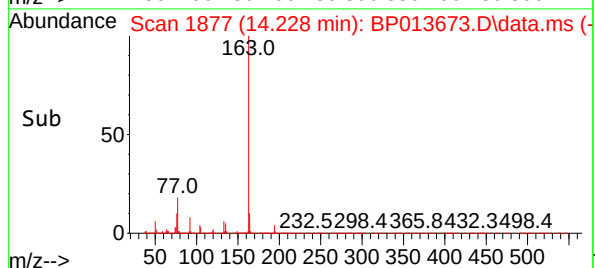
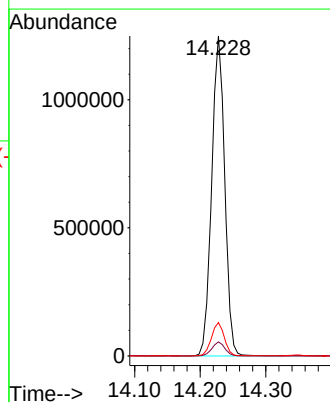
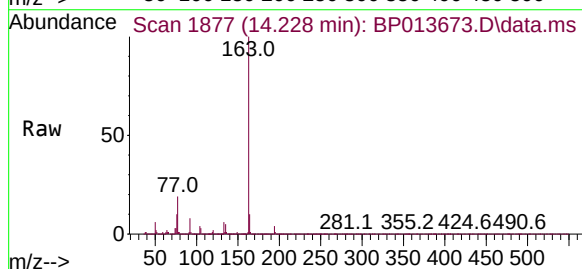
Tgt Ion:163 Resp: 1723395

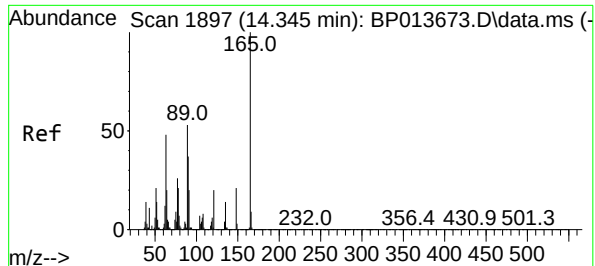
Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

164 10.5 8.4 12.6

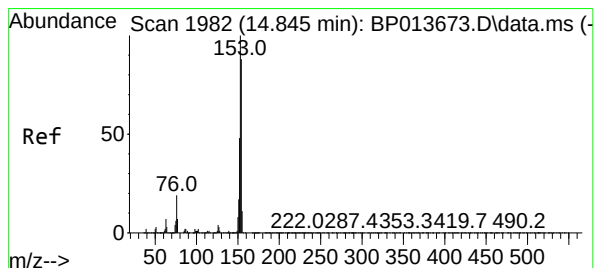
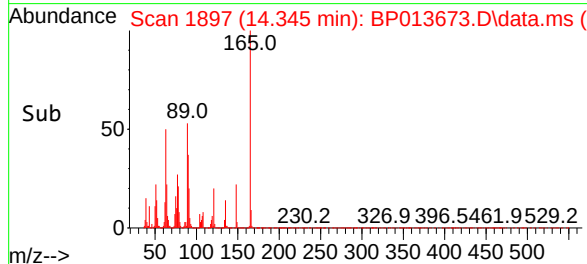
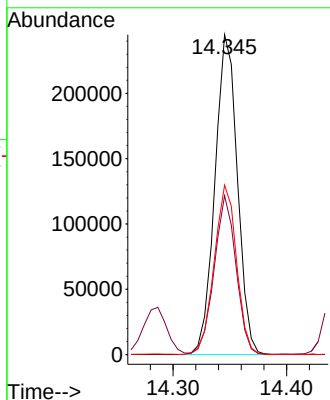
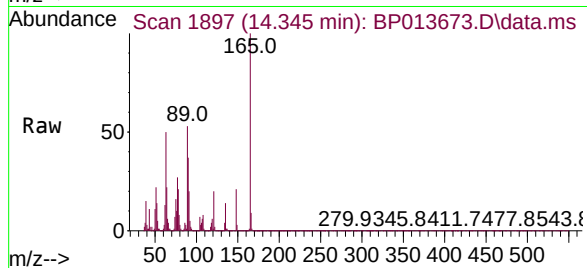




#51
2,6-Dinitrotoluene
Concen: 44.275 ng
RT: 14.345 min Scan# 1897
Delta R.T. 0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

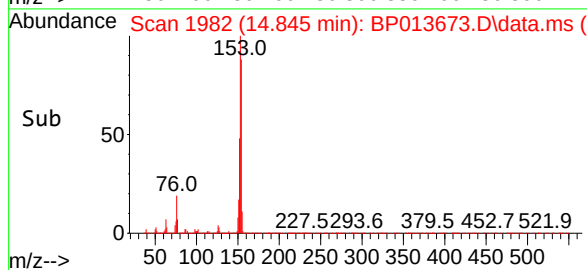
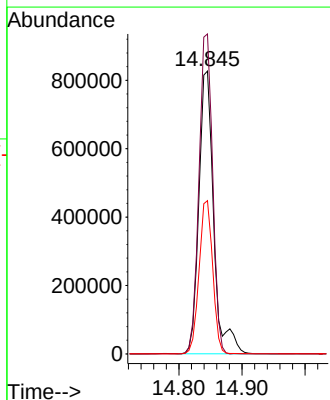
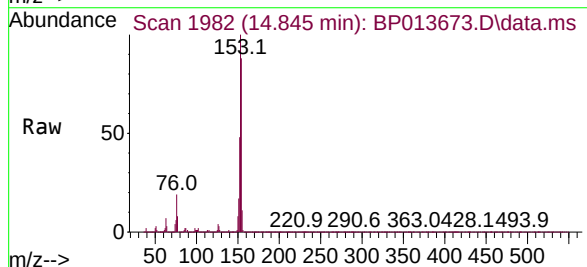
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

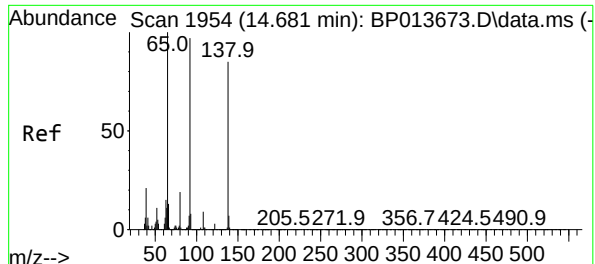
Tgt Ion	165	Ratio	100	Lower	Upper
165	100				
63	49.7		39.8	59.6	
89	53.0		42.4	63.6	



#52
Acenaphthene
Concen: 41.655 ng
RT: 14.845 min Scan# 1982
Delta R.T. 0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

Tgt Ion	154	Ratio	100	Lower	Upper
154	100				
153	113.2		90.6	135.8	
152	54.2		43.4	65.0	

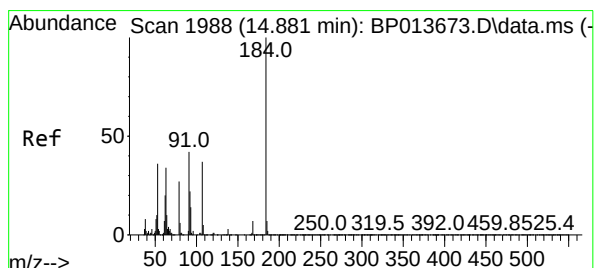
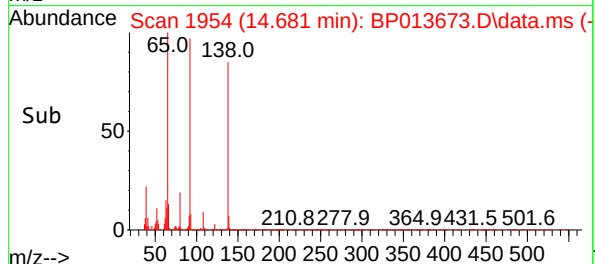
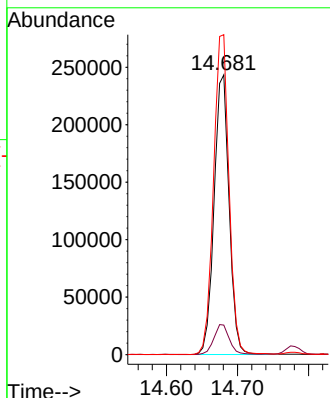
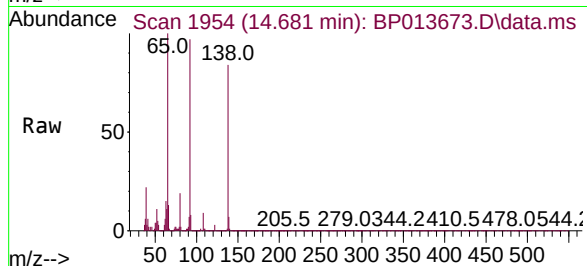




#53
3-Nitroaniline
Concen: 43.376 ng
RT: 14.681 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

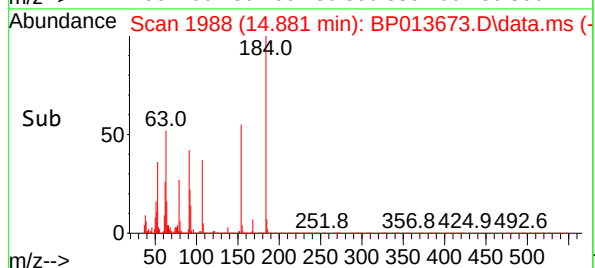
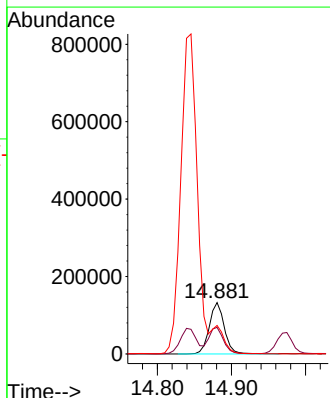
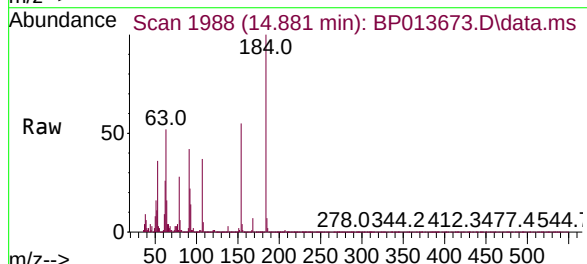
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

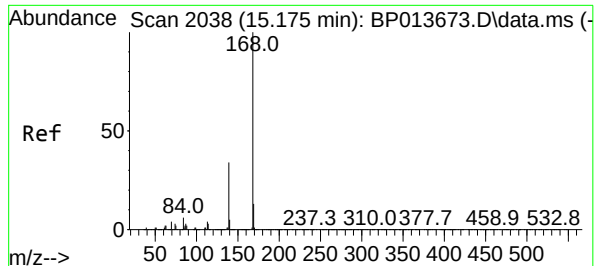
Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.5	12.7
92	114.4	91.5	137.3



#54
2,4-Dinitrophenol
Concen: 40.138 ng
RT: 14.881 min Scan# 1988
Delta R.T. -0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

Tgt Ion	Ratio	Lower	Upper
184	100		
63	51.7	41.4	62.0
154	55.4	44.3	66.5

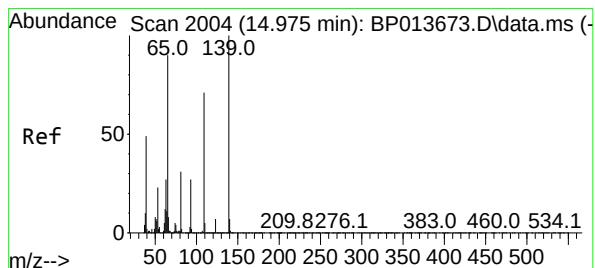
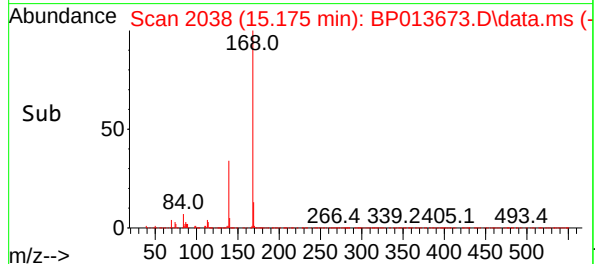
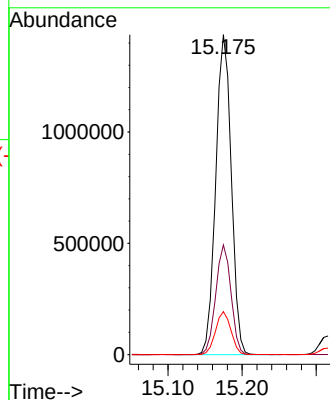
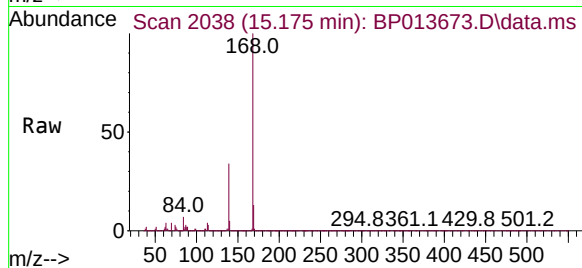




#55
Dibenzofuran
Concen: 40.044 ng
RT: 15.175 min Scan# 2038
Delta R.T. 0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

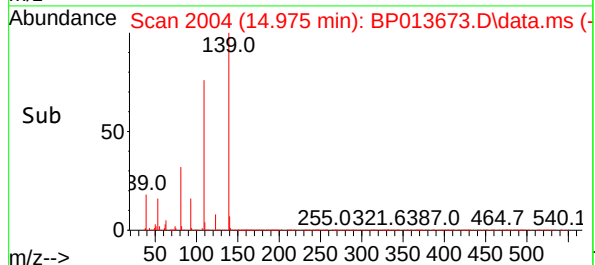
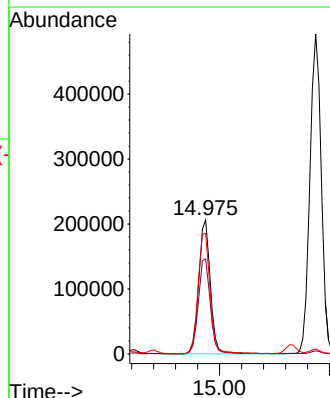
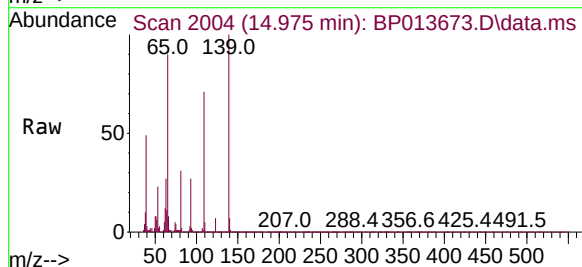
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

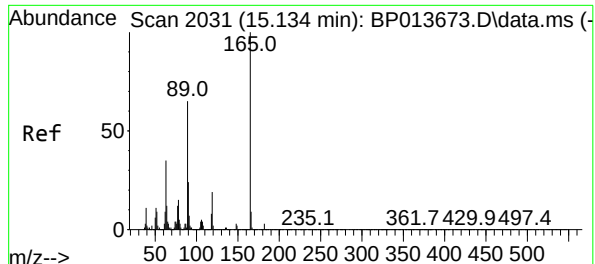
Tgt Ion:168 Resp: 2089455
Ion Ratio Lower Upper
168 100
139 34.3 27.4 41.2
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 41.089 ng
RT: 14.975 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

Tgt Ion:139 Resp: 302516
Ion Ratio Lower Upper
139 100
109 70.9 50.9 90.9
65 90.0 70.0 110.0

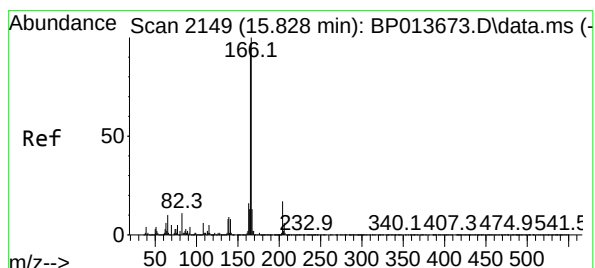
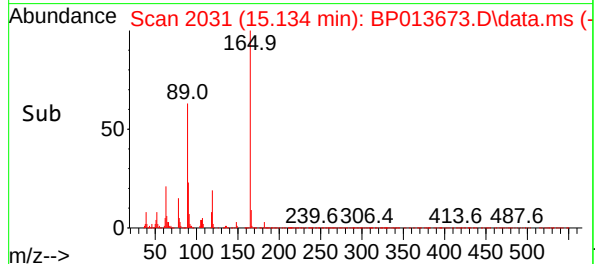
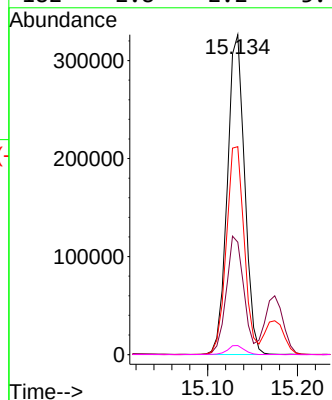
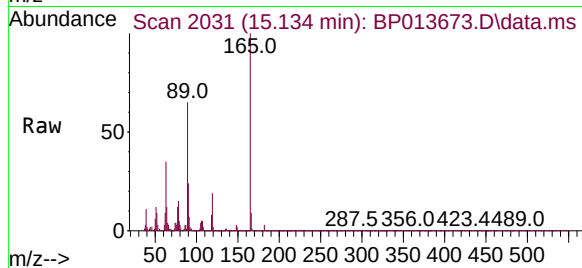




#57
2,4-Dinitrotoluene
Concen: 44.103 ng
RT: 15.134 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

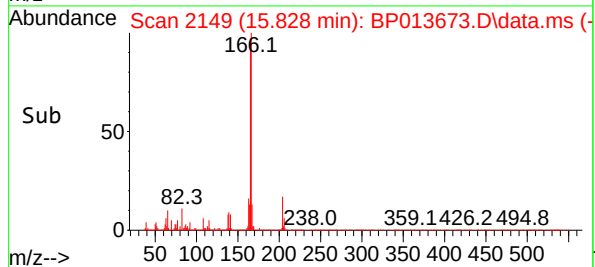
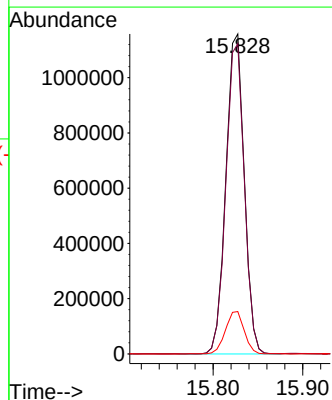
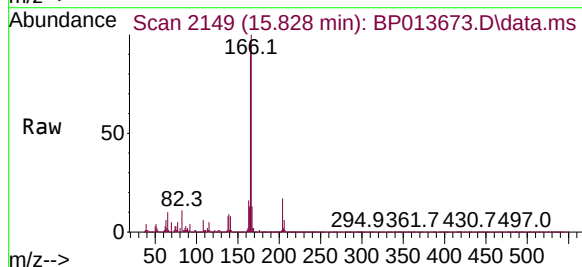
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

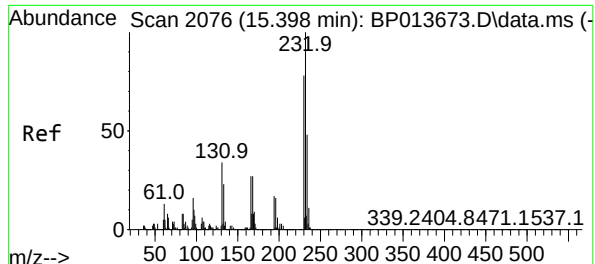
Tgt Ion:165 Resp: 439259
Ion Ratio Lower Upper
165 100
63 35.1 28.1 42.1
89 65.0 52.0 78.0
182 2.8 2.2 3.4



#58
Fluorene
Concen: 40.346 ng
RT: 15.828 min Scan# 2149
Delta R.T. -0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

Tgt Ion:166 Resp: 1652833
Ion Ratio Lower Upper
166 100
165 97.0 77.6 116.4
167 13.2 10.6 15.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.762 ng

RT: 15.398 min Scan# 2076

Delta R.T. 0.000 min

Lab File: BP013673.D

Acq: 31 Jan 2023 13:38

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:232 Resp: 512200

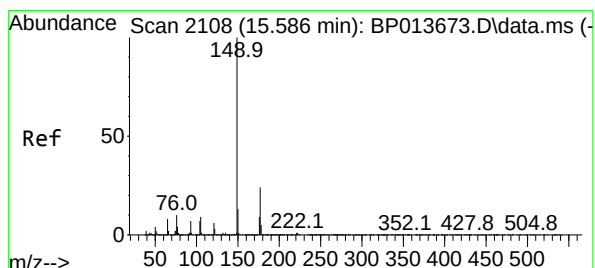
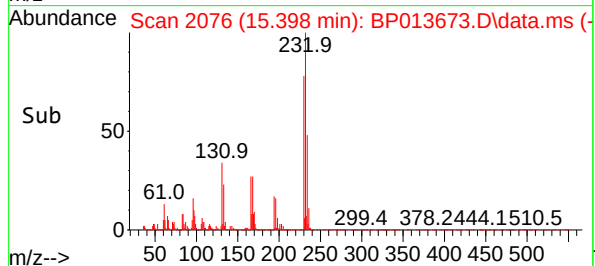
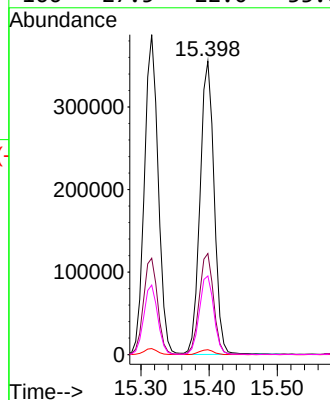
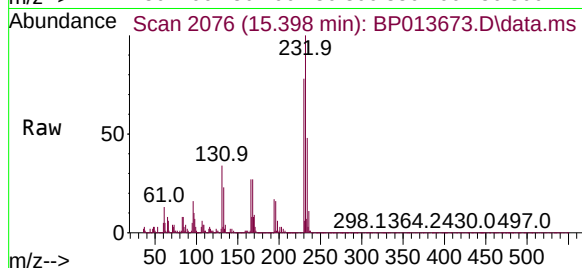
Ion Ratio Lower Upper

232 100

131 34.9 27.9 41.9

130 1.7 1.4 2.0

166 27.5 22.0 33.0



#60

Diethylphthalate

Concen: 40.293 ng

RT: 15.586 min Scan# 2108

Delta R.T. 0.000 min

Lab File: BP013673.D

Acq: 31 Jan 2023 13:38

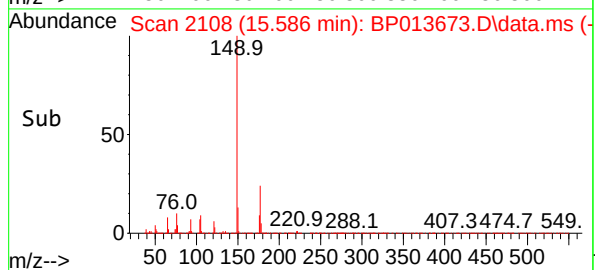
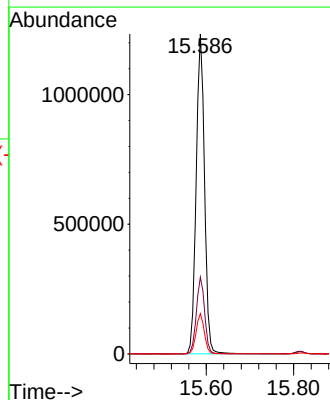
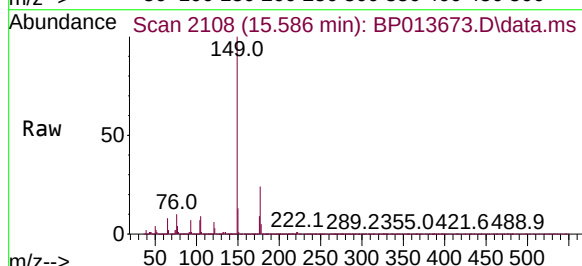
Tgt Ion:149 Resp: 1640284

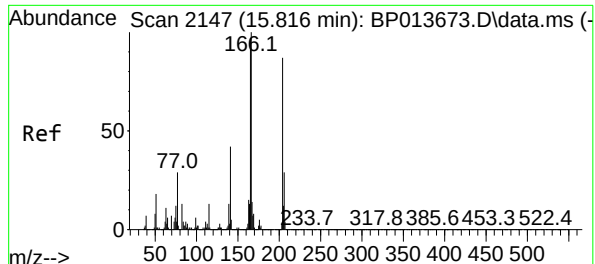
Ion Ratio Lower Upper

149 100

177 24.0 19.2 28.8

150 12.6 10.1 15.1

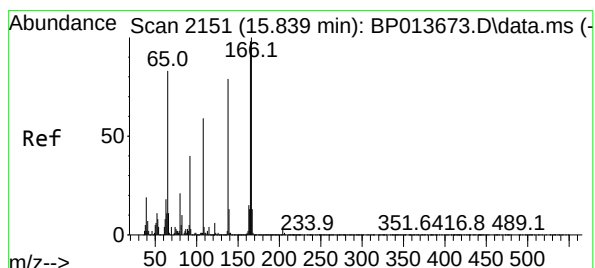
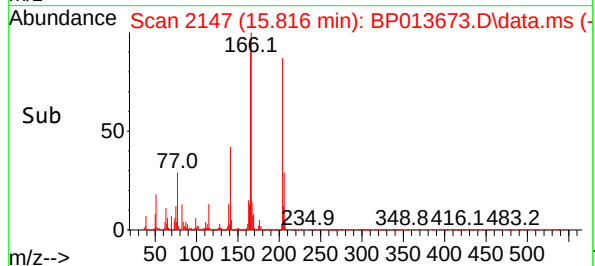
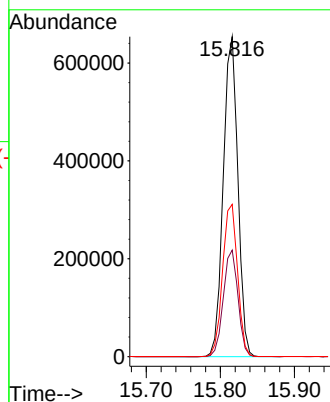
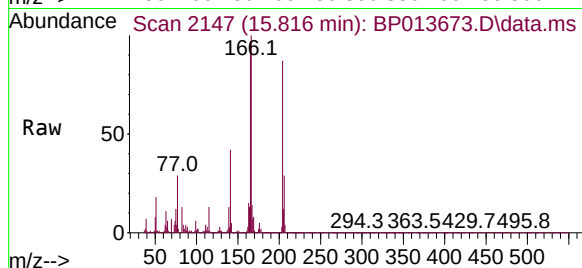




#61
4-Chlorophenyl-phenylether
Concen: 39.994 ng
RT: 15.816 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

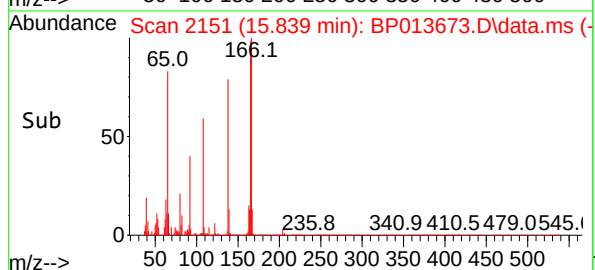
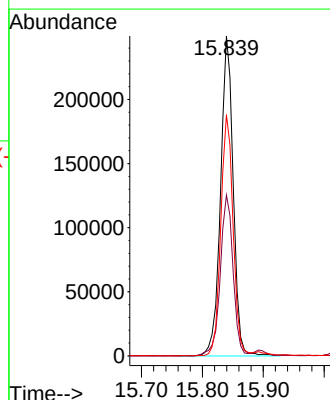
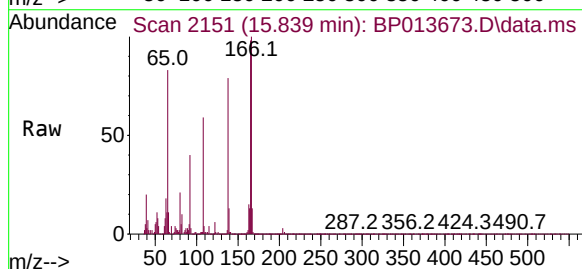
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

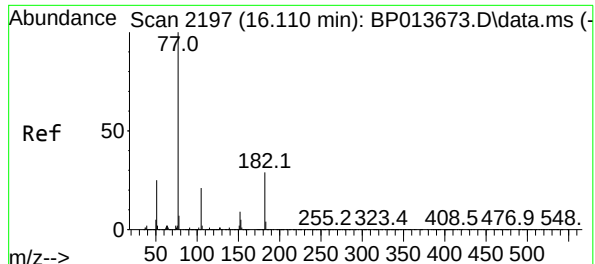
Tgt Ion:204 Resp: 892211
Ion Ratio Lower Upper
204 100
206 33.3 26.6 40.0
141 47.6 38.1 57.1



#62
4-Nitroaniline
Concen: 43.886 ng
RT: 15.839 min Scan# 2151
Delta R.T. 0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

Tgt Ion:138 Resp: 360732
Ion Ratio Lower Upper
138 100
92 50.3 30.3 70.3
108 75.4 55.4 95.4

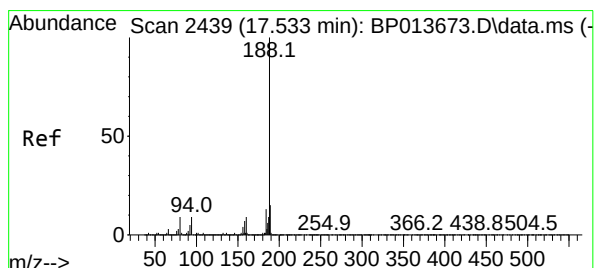
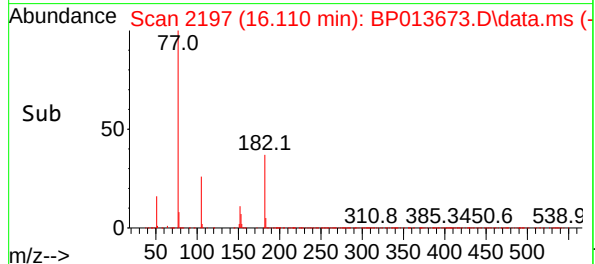
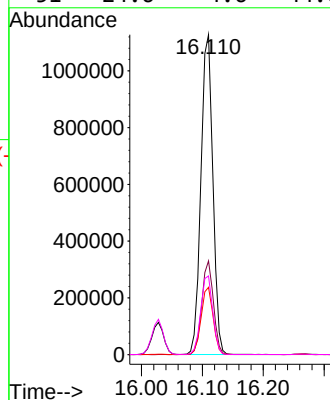
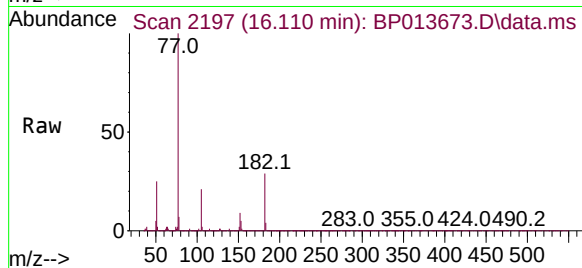




#63
Azobenzene
Concen: 40.739 ng
RT: 16.110 min Scan# 2197
Delta R.T. -0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

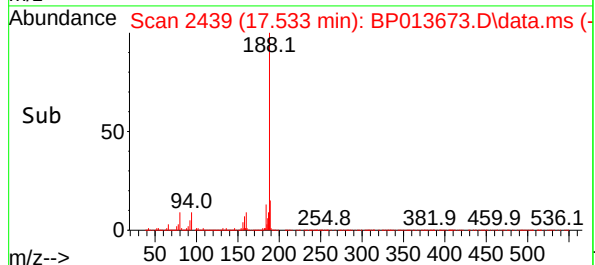
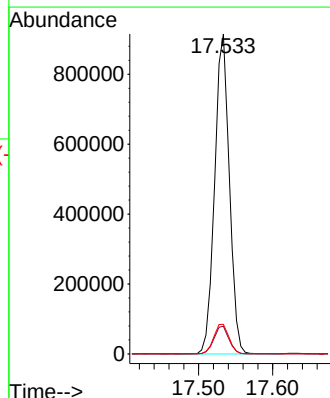
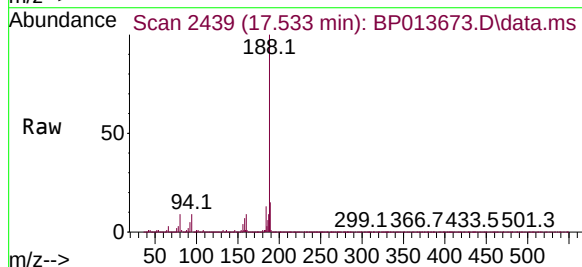
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

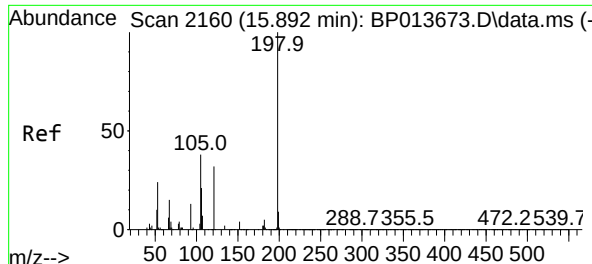
Tgt Ion: 77 Resp: 1531962
Ion Ratio Lower Upper
77 100
182 29.3 9.3 49.3
105 21.1 1.1 41.1
51 24.6 4.6 44.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.533 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

Tgt Ion:188 Resp: 1258361
Ion Ratio Lower Upper
188 100
94 8.6 6.9 10.3
80 9.2 7.4 11.0

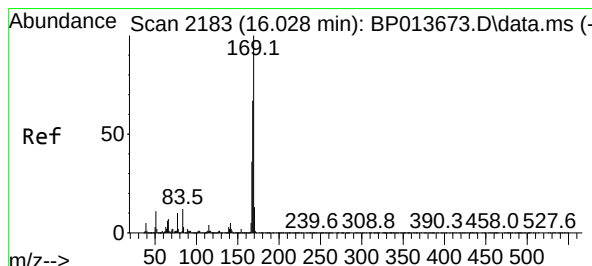
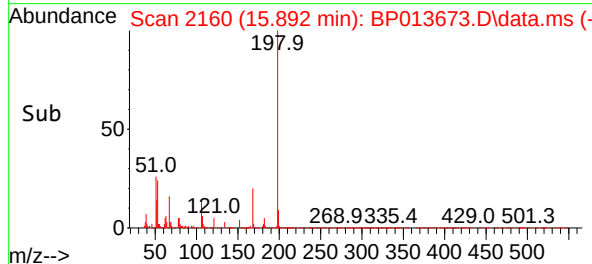
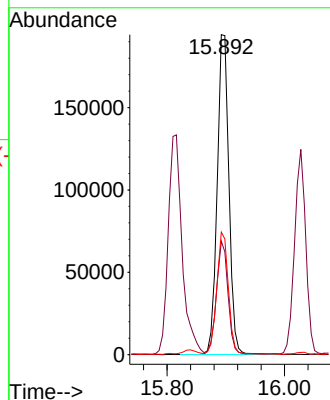
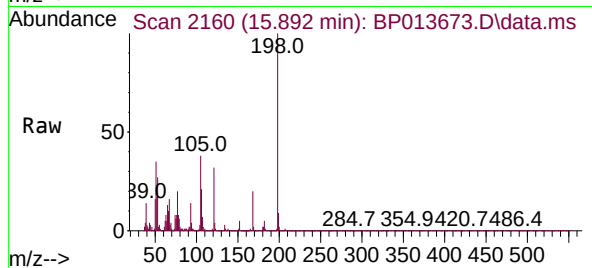




#65
4,6-Dinitro-2-methylphenol
Concen: 40.935 ng
RT: 15.892 min Scan# 2160
Delta R.T. 0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

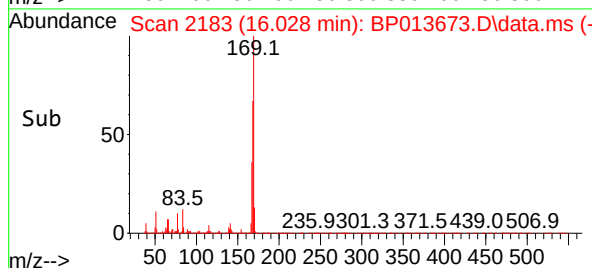
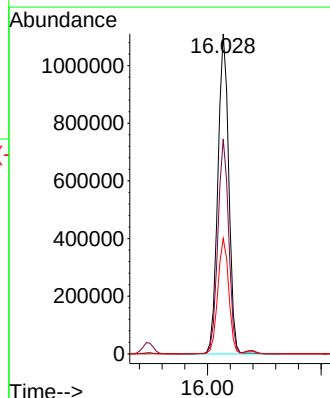
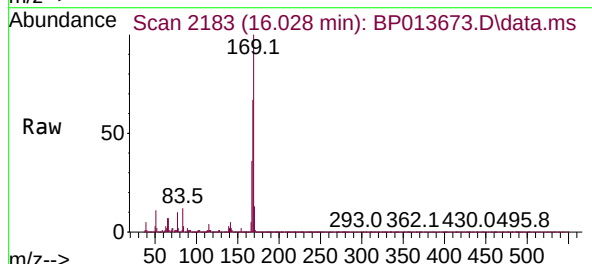
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

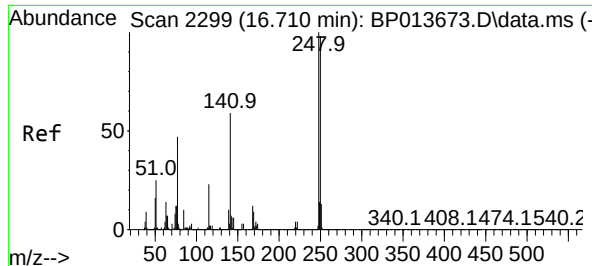
Tgt Ion:198 Resp: 268458
Ion Ratio Lower Upper
198 100
51 35.4 15.4 55.4
105 38.3 18.3 58.3



#66
n-Nitrosodiphenylamine
Concen: 40.160 ng
RT: 16.028 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

Tgt Ion:169 Resp: 1470425
Ion Ratio Lower Upper
169 100
168 67.2 53.8 80.6
167 36.1 28.9 43.3

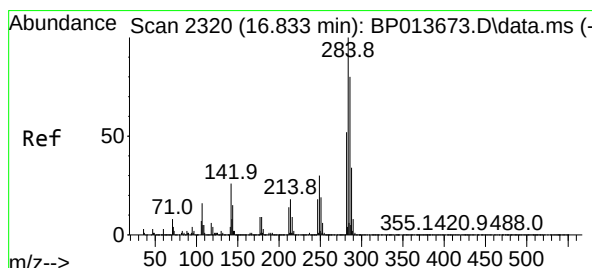
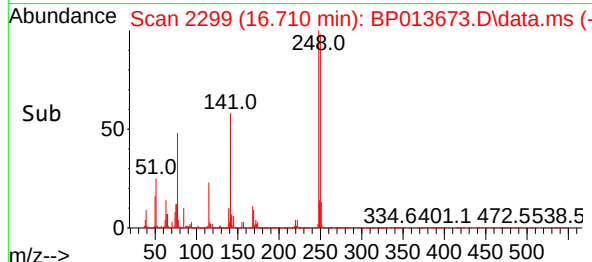
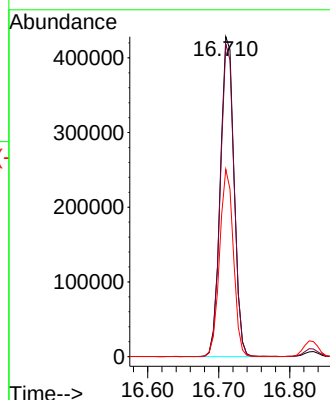
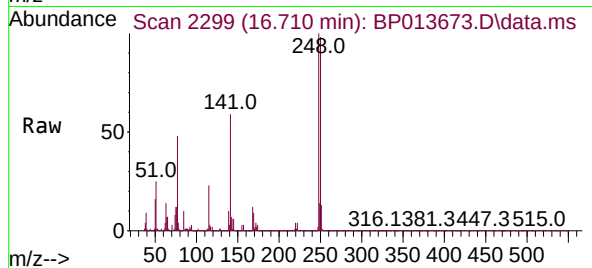




#67
4-Bromophenyl-phenylether
Concen: 40.142 ng
RT: 16.710 min Scan# 2299
Delta R.T. 0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

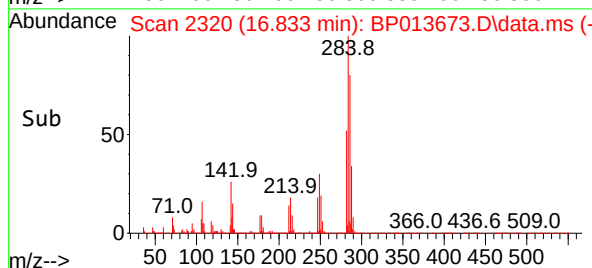
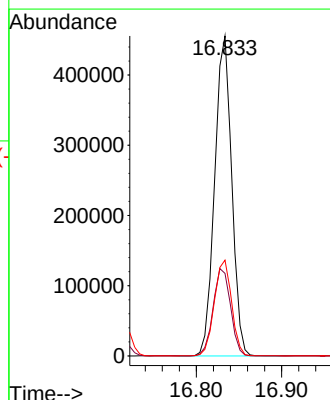
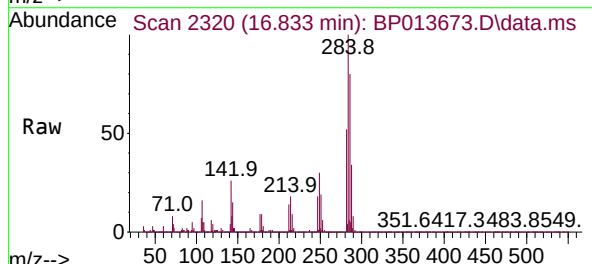
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

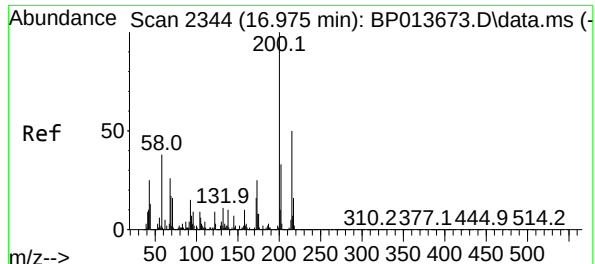
Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.2	117.2
141	58.5	46.8	70.2



#68
Hexachlorobenzene
Concen: 39.595 ng
RT: 16.833 min Scan# 2320
Delta R.T. 0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.8	20.6	31.0
249	29.9	23.9	35.9

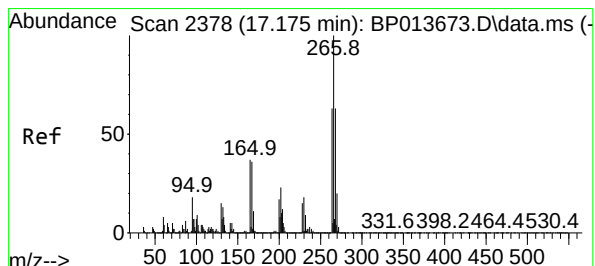
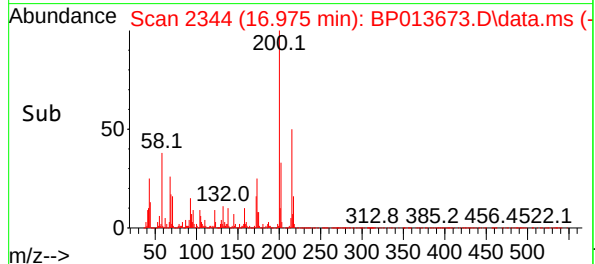
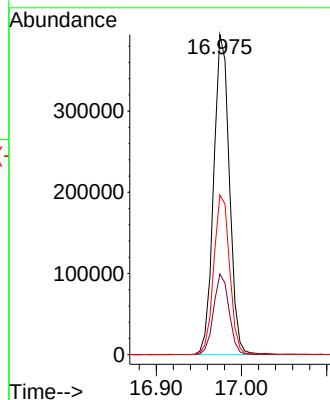
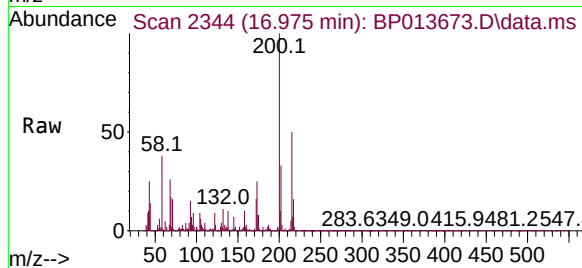




#69
 Atrazine
 Concen: 42.466 ng
 RT: 16.975 min Scan# 2344
 Delta R.T. 0.000 min
 Lab File: BP013673.D
 Acq: 31 Jan 2023 13:38

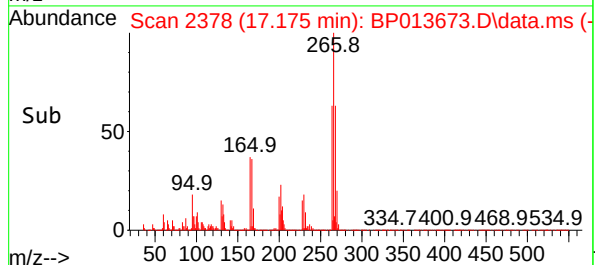
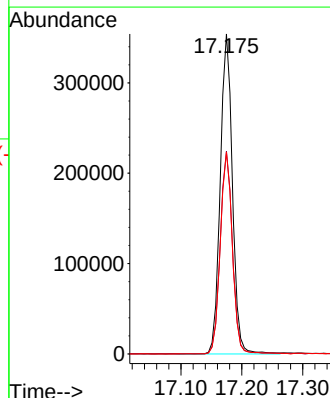
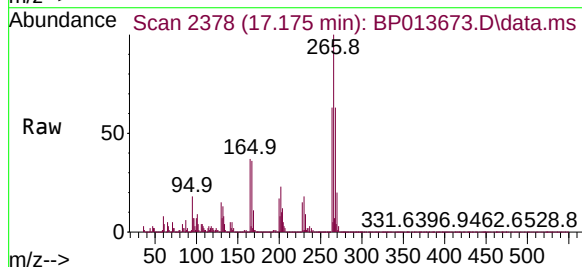
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICCC040

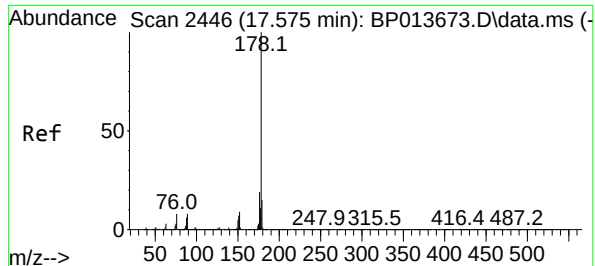
Tgt Ion:200 Resp: 505947
 Ion Ratio Lower Upper
 200 100
 173 25.2 5.2 45.2
 215 49.8 29.8 69.8



#70
 Pentachlorophenol
 Concen: 41.689 ng
 RT: 17.175 min Scan# 2378
 Delta R.T. 0.000 min
 Lab File: BP013673.D
 Acq: 31 Jan 2023 13:38

Tgt Ion:266 Resp: 491204
 Ion Ratio Lower Upper
 266 100
 268 63.4 50.7 76.1
 264 63.1 50.5 75.7

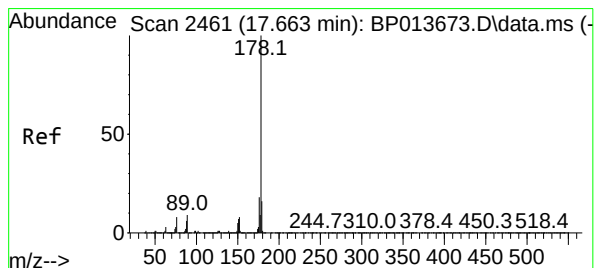
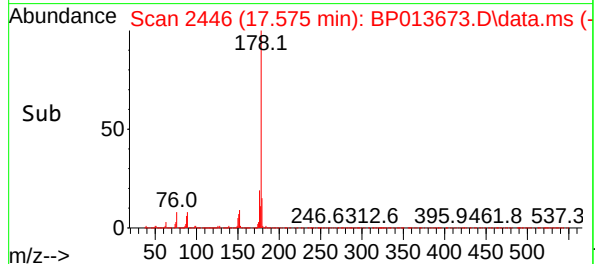
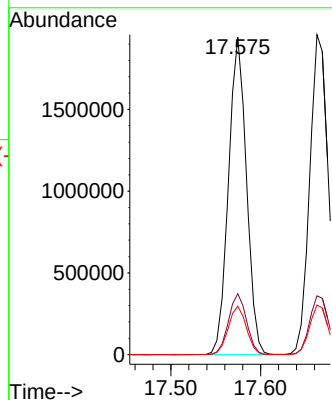
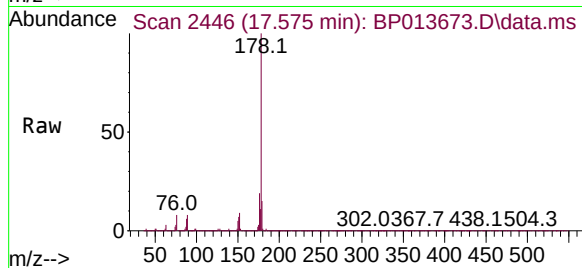




#71
Phenanthrene
Concen: 40.100 ng
RT: 17.575 min Scan# 2446
Delta R.T. 0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

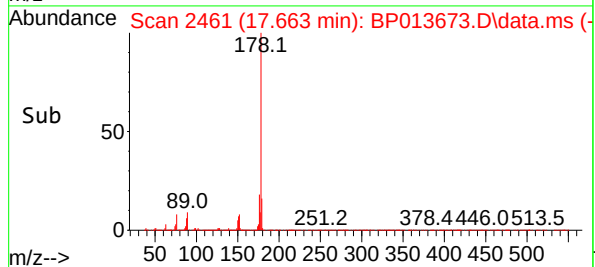
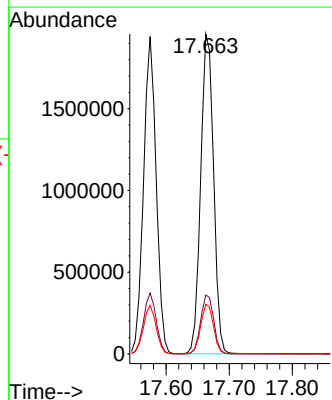
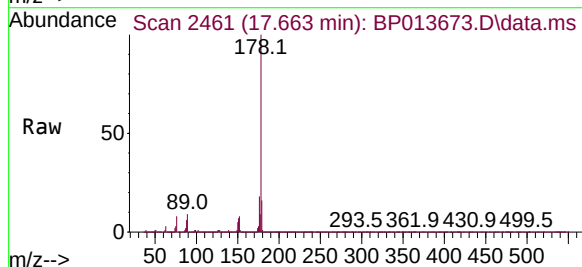
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

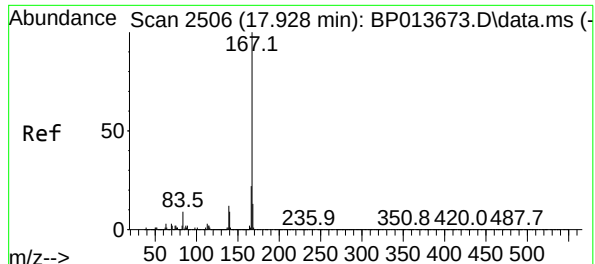
Tgt Ion:178 Resp: 2704677
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.2 12.2 18.2



#72
Anthracene
Concen: 40.710 ng
RT: 17.663 min Scan# 2461
Delta R.T. 0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

Tgt Ion:178 Resp: 2772105
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 15.5 12.4 18.6

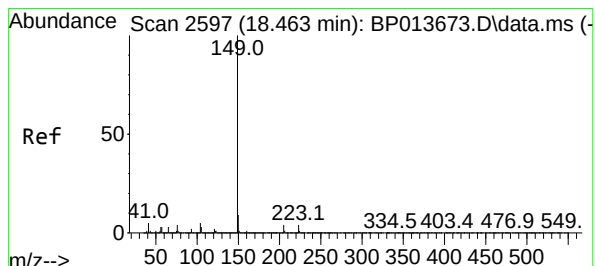
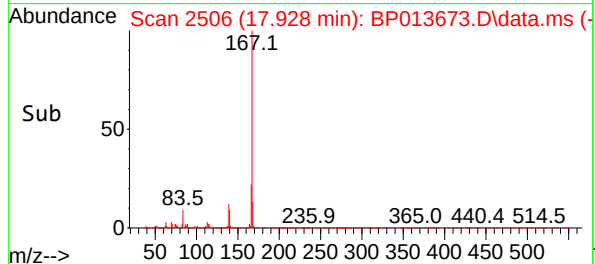
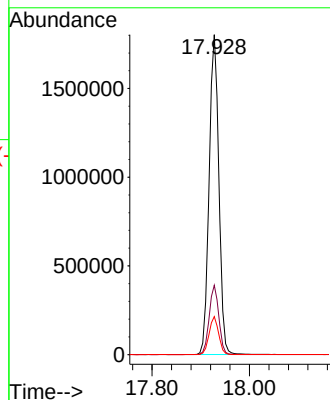
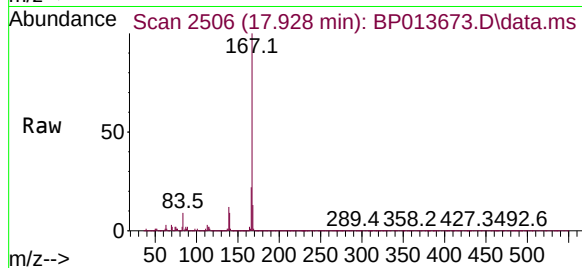




#73
Carbazole
Concen: 40.670 ng
RT: 17.928 min Scan# 2506
Delta R.T. 0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

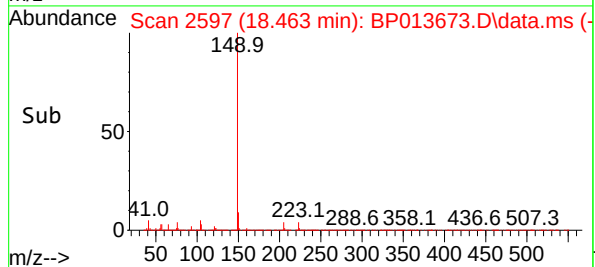
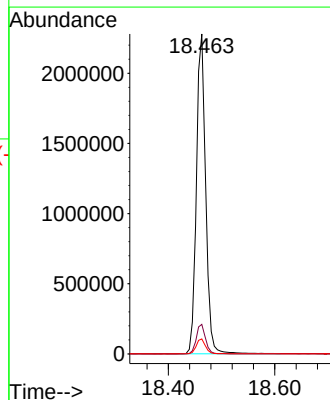
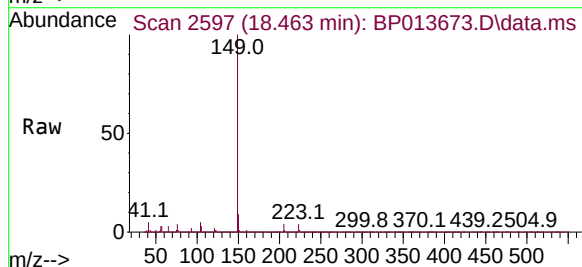
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

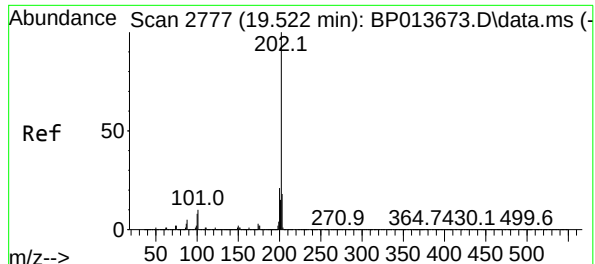
Tgt Ion:167 Resp: 2514663
Ion Ratio Lower Upper
167 100
166 21.7 17.4 26.0
139 11.9 9.5 14.3



#74
Di-n-butylphthalate
Concen: 40.793 ng
RT: 18.463 min Scan# 2597
Delta R.T. 0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

Tgt Ion:149 Resp: 2760119
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 4.7 3.8 5.6

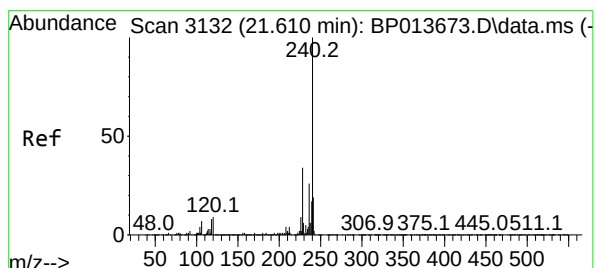
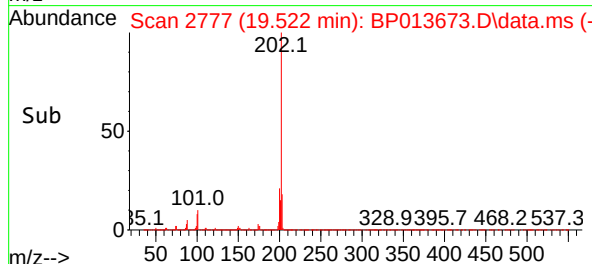
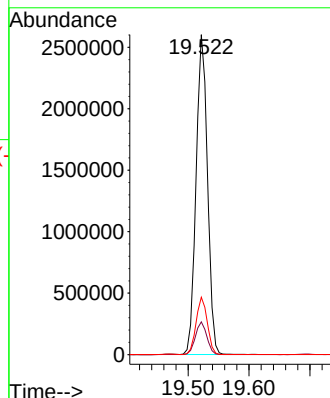
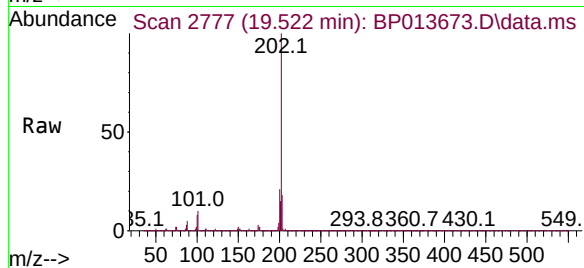




#75
Fluoranthene
Concen: 40.342 ng
RT: 19.522 min Scan# 2777
Delta R.T. 0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

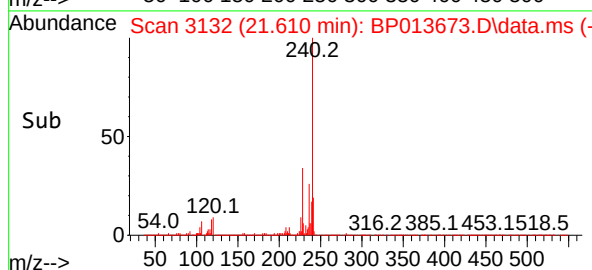
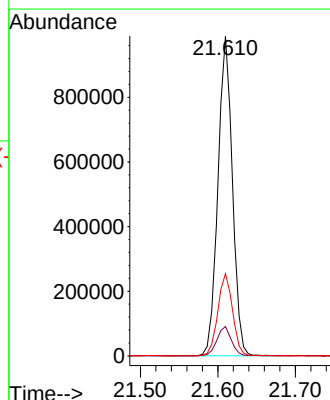
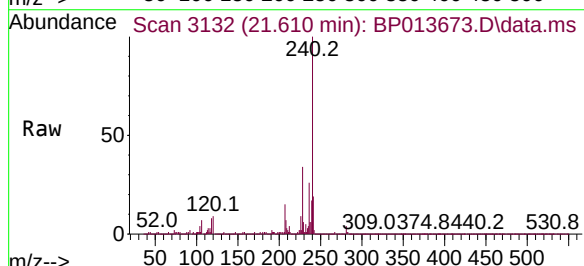
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

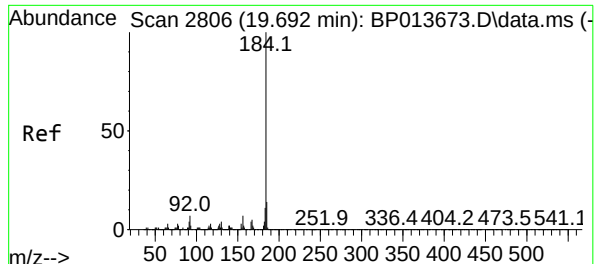
Tgt Ion:202 Resp: 3387517
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.2
203 17.9 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.610 min Scan# 3132
Delta R.T. 0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

Tgt Ion:240 Resp: 1280889
Ion Ratio Lower Upper
240 100
120 9.2 7.4 11.0
236 25.7 20.6 30.8





#77

Benzidine

Concen: 43.630 ng

RT: 19.692 min Scan# 2806

Delta R.T. 0.000 min

Lab File: BP013673.D

Acq: 31 Jan 2023 13:38

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

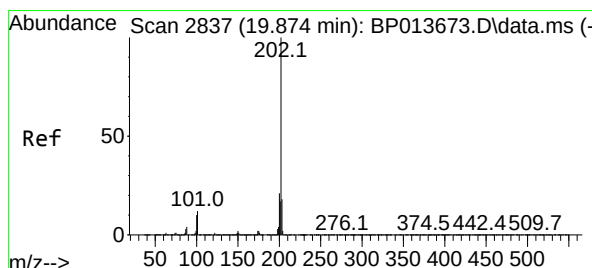
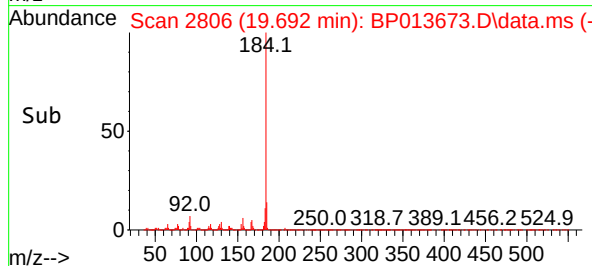
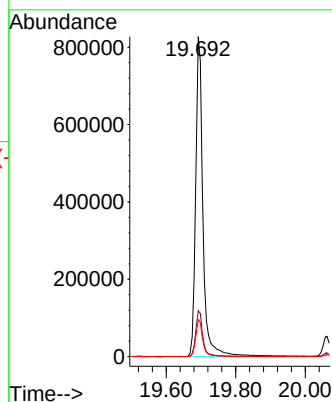
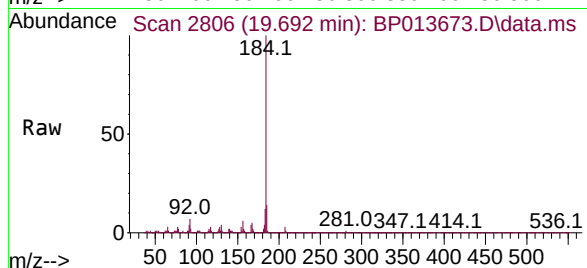
Tgt Ion:184 Resp: 1207090

Ion Ratio Lower Upper

184 100

185 14.3 11.4 17.2

183 11.5 9.2 13.8



#78

Pyrene

Concen: 40.958 ng

RT: 19.874 min Scan# 2837

Delta R.T. 0.000 min

Lab File: BP013673.D

Acq: 31 Jan 2023 13:38

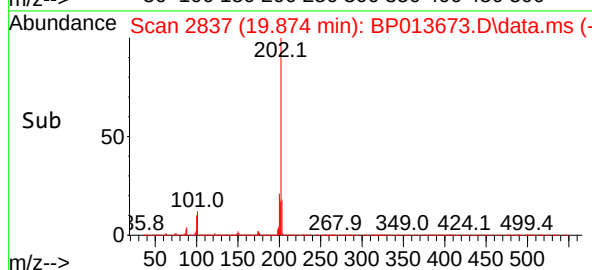
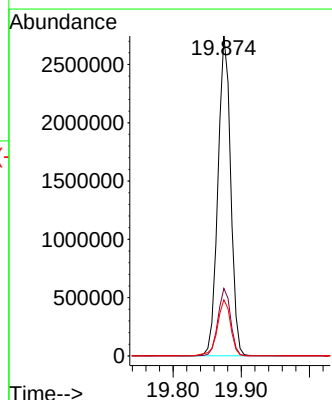
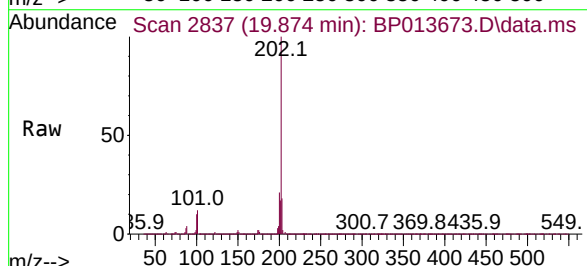
Tgt Ion:202 Resp: 3529561

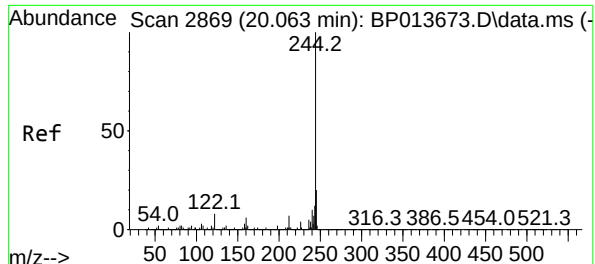
Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

203 17.5 14.0 21.0

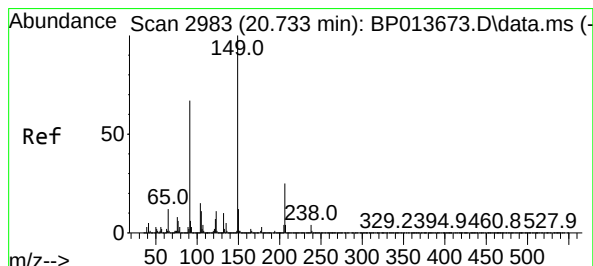
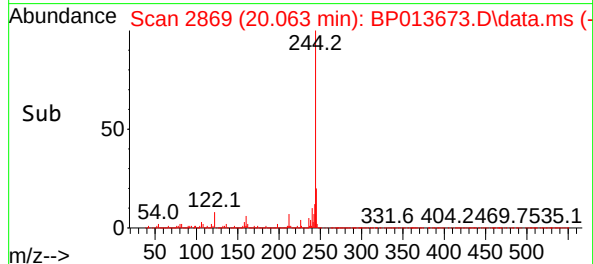
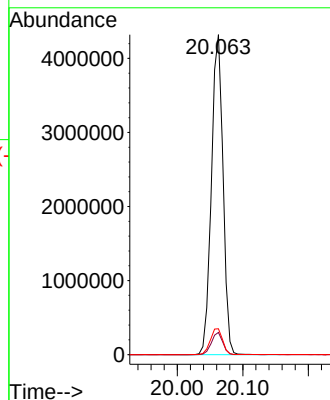
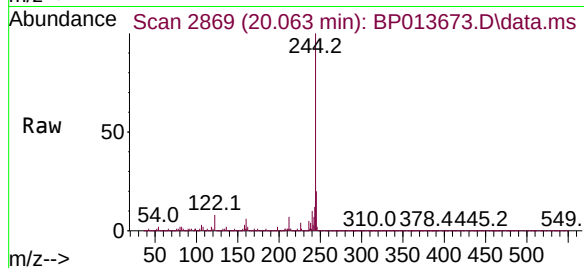




#79
Terphenyl-d14
Concen: 82.120 ng
RT: 20.063 min Scan# 2869
Delta R.T. 0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

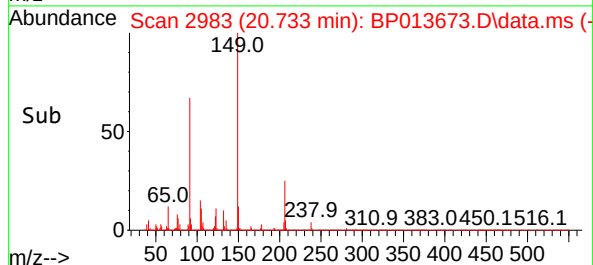
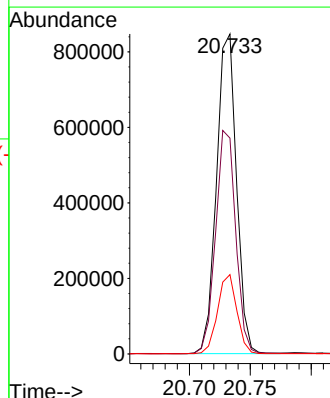
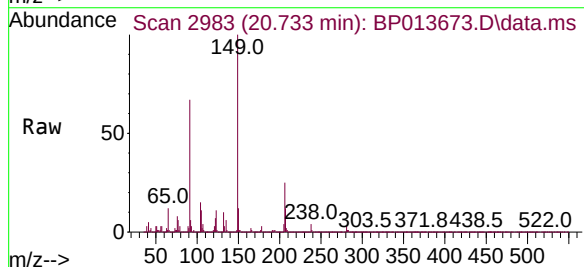
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

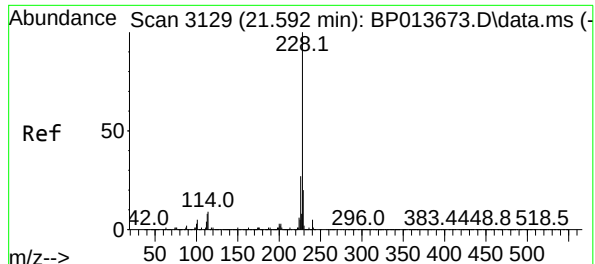
Tgt Ion:244 Resp: 5297061
Ion Ratio Lower Upper
244 100
212 6.9 5.5 8.3
122 8.1 6.5 9.7



#80
Butylbenzylphthalate
Concen: 41.181 ng
RT: 20.733 min Scan# 2983
Delta R.T. 0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

Tgt Ion:149 Resp: 968804
Ion Ratio Lower Upper
149 100
91 67.5 54.0 81.0
206 24.8 19.8 29.8

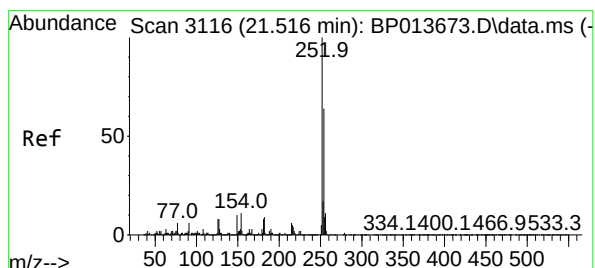
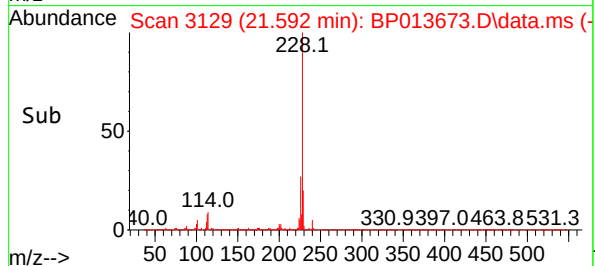
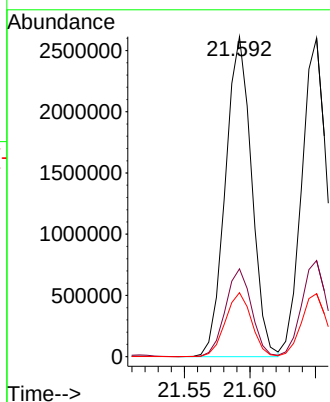
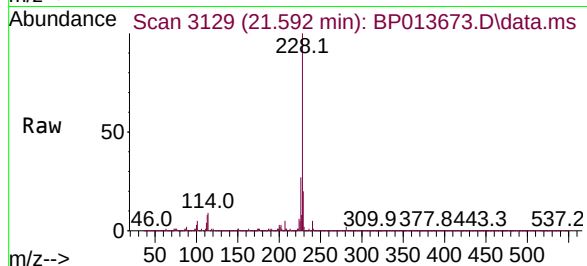




#81
Benzo(a)anthracene
Concen: 40.811 ng
RT: 21.592 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

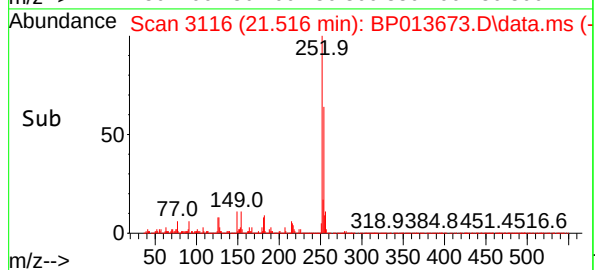
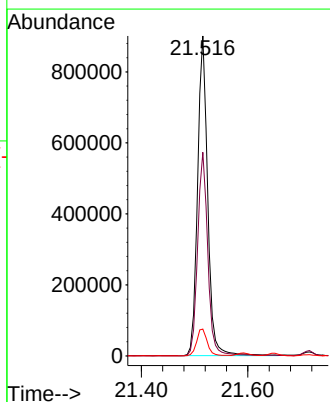
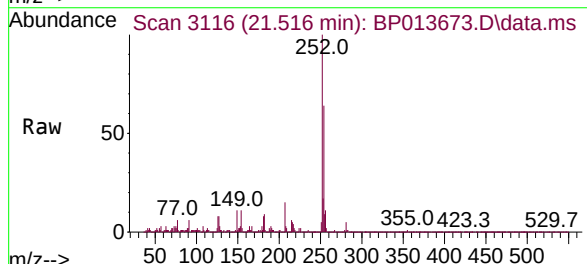
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

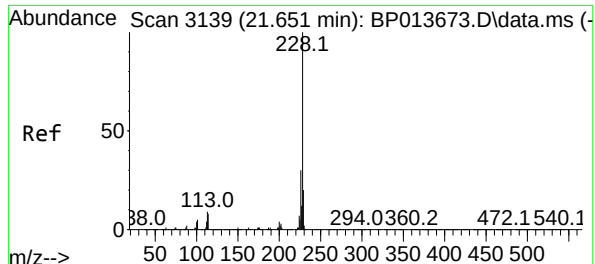
Tgt Ion:228 Resp: 3630899
Ion Ratio Lower Upper
228 100
226 27.4 21.9 32.9
229 20.0 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 42.166 ng
RT: 21.516 min Scan# 3116
Delta R.T. 0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

Tgt Ion:252 Resp: 1186038
Ion Ratio Lower Upper
252 100
254 63.6 50.9 76.3
126 8.4 6.7 10.1





#83

Chrysene

Concen: 40.570 ng

RT: 21.651 min Scan# 3139

Delta R.T. 0.000 min

Lab File: BP013673.D

Acq: 31 Jan 2023 13:38

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

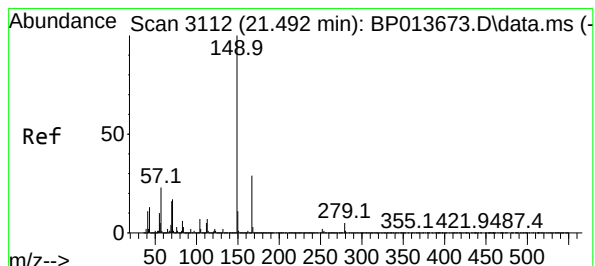
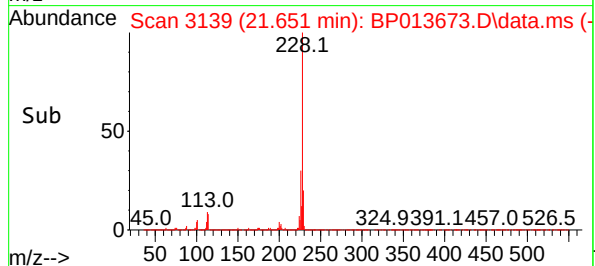
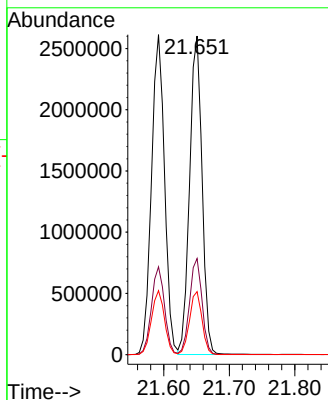
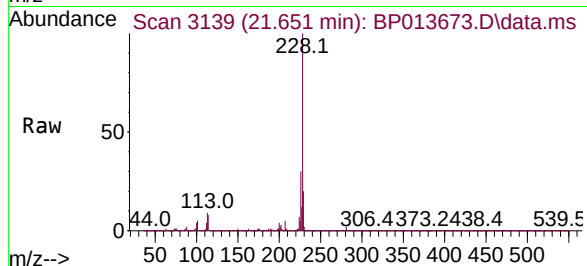
Tgt Ion:228 Resp: 3438900

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

229 19.8 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.145 ng

RT: 21.492 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BP013673.D

Acq: 31 Jan 2023 13:38

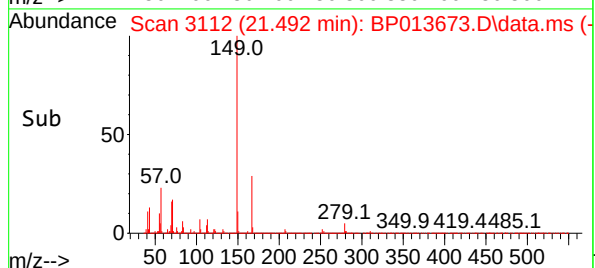
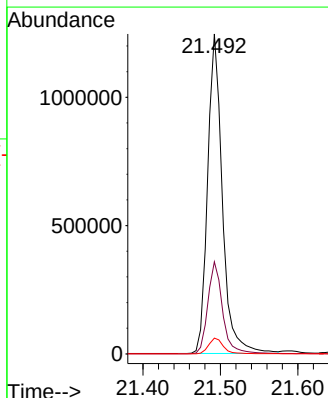
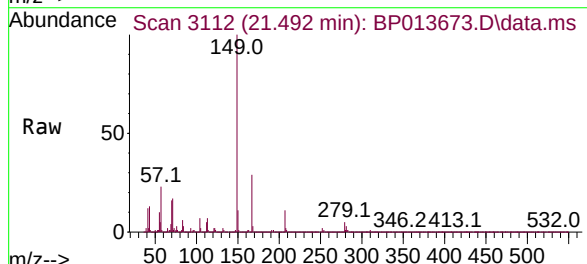
Tgt Ion:149 Resp: 1648094

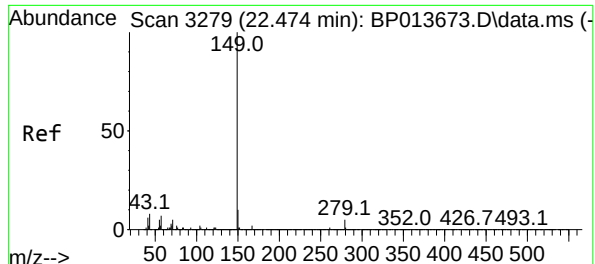
Ion Ratio Lower Upper

149 100

167 28.8 23.0 34.6

279 4.9 3.9 5.9

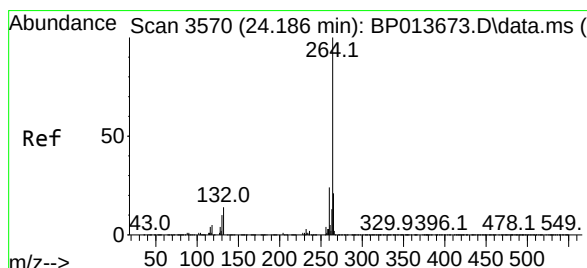
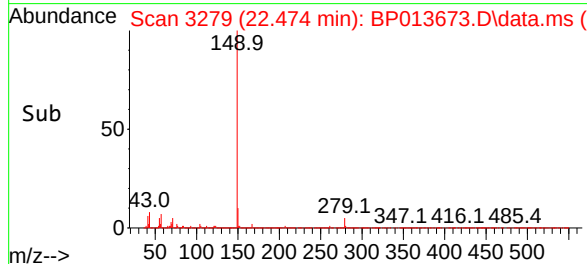
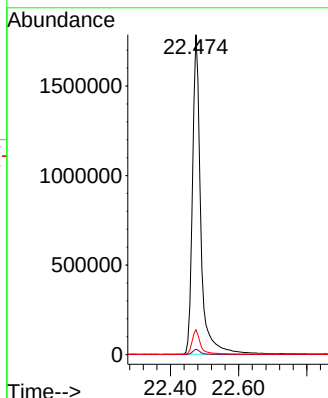
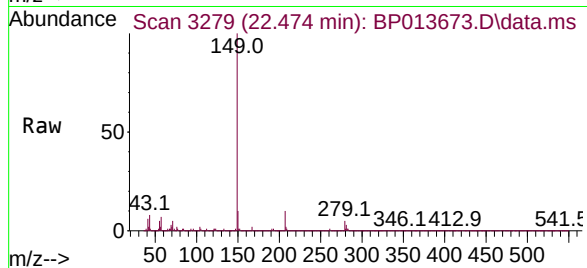




#85
Di-n-octyl phthalate
Concen: 41.073 ng
RT: 22.474 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

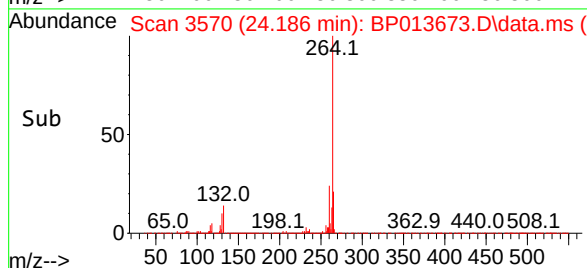
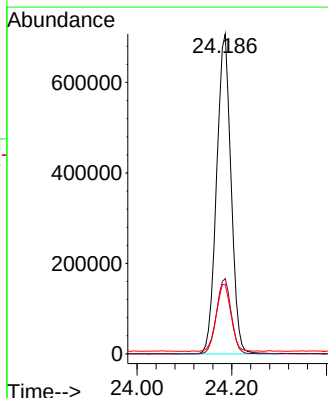
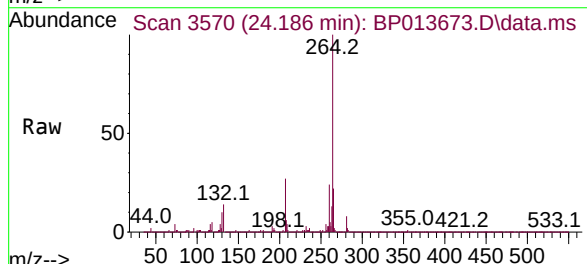
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

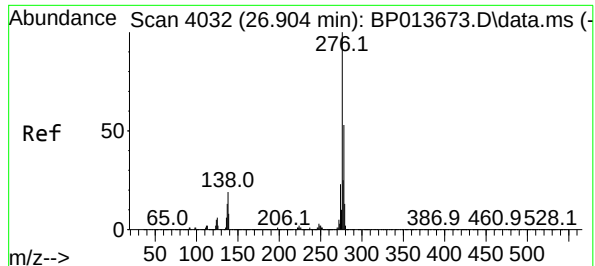
Tgt Ion:149 Resp: 3004302
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.9 6.3 9.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.186 min Scan# 3570
Delta R.T. 0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

Tgt Ion:264 Resp: 1494510
Ion Ratio Lower Upper
264 100
260 23.5 18.8 28.2
265 21.7 17.4 26.0

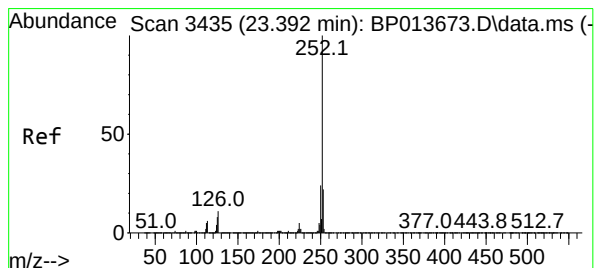
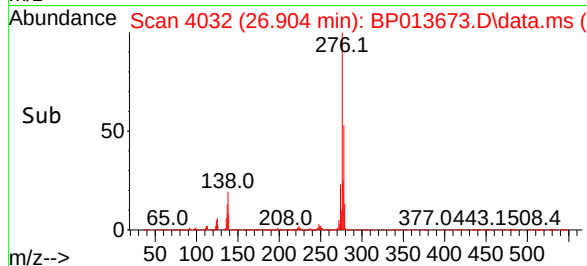
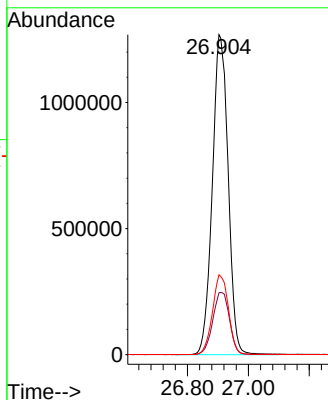
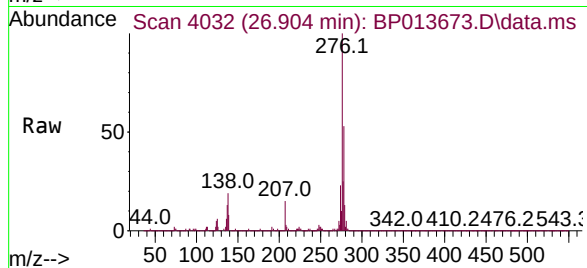




#87
Indeno(1,2,3-cd)pyrene
Concen: 40.229 ng
RT: 26.904 min Scan# 4032
Delta R.T. 0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

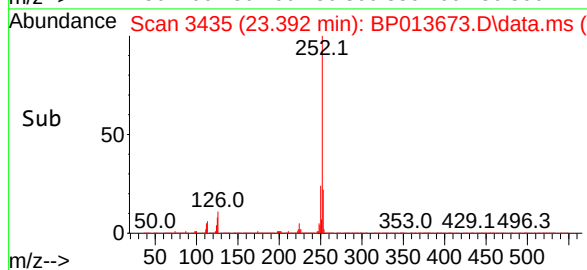
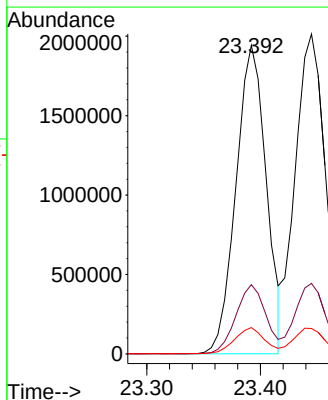
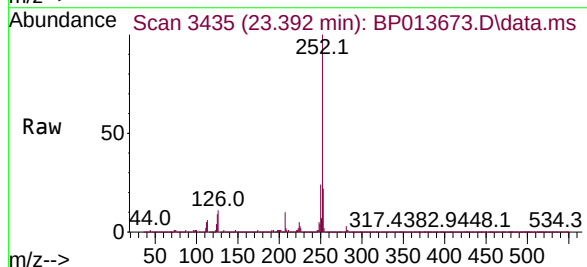
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

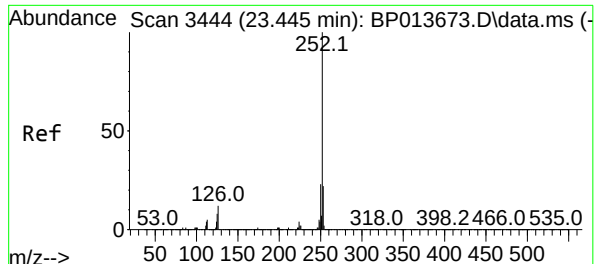
Tgt Ion:276 Resp: 4572359
Ion Ratio Lower Upper
276 100
138 20.6 16.5 24.7
277 25.2 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 39.981 ng
RT: 23.392 min Scan# 3435
Delta R.T. 0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

Tgt Ion:252 Resp: 3591203
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 8.5 6.8 10.2





#89

Benzo(k)fluoranthene

Concen: 41.455 ng

RT: 23.445 min Scan# 3444

Delta R.T. 0.000 min

Lab File: BP013673.D

Acq: 31 Jan 2023 13:38

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

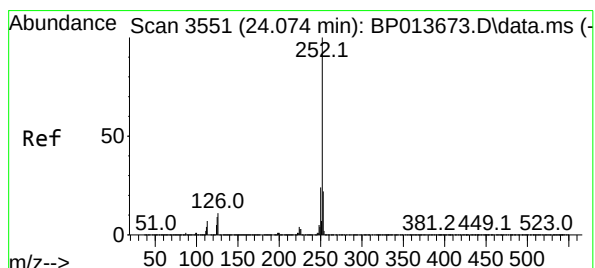
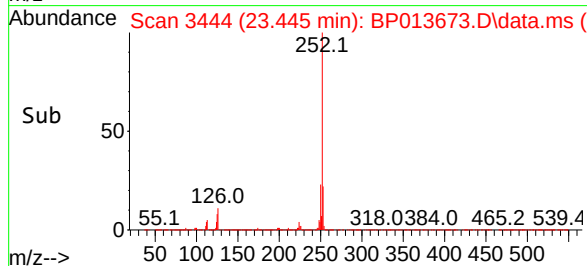
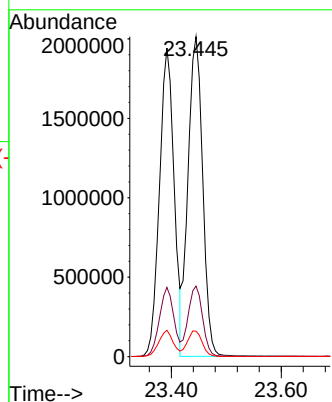
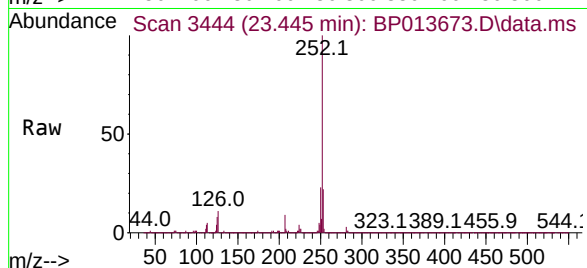
Tgt Ion:252 Resp: 3729657

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 7.9 6.3 9.5



#90

Benzo(a)pyrene

Concen: 40.462 ng

RT: 24.074 min Scan# 3551

Delta R.T. 0.000 min

Lab File: BP013673.D

Acq: 31 Jan 2023 13:38

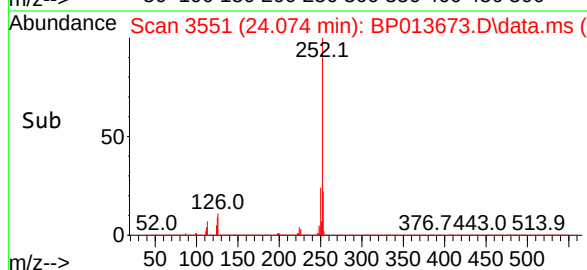
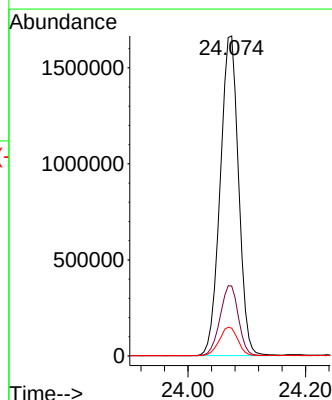
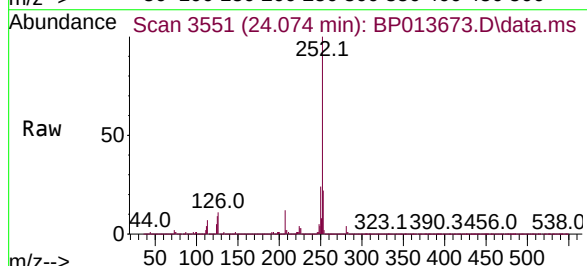
Tgt Ion:252 Resp: 3607697

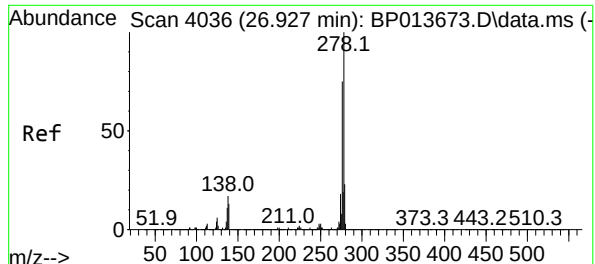
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 8.7 7.0 10.4

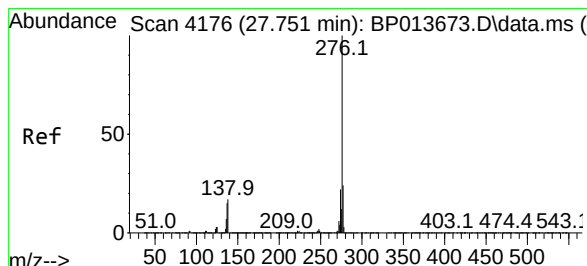
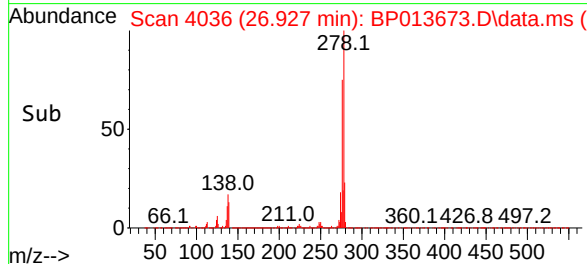
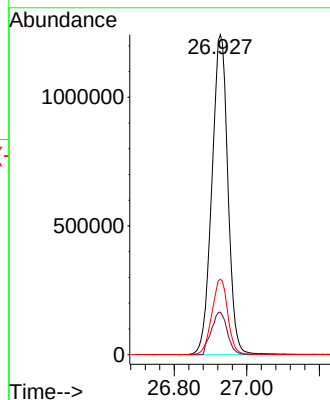
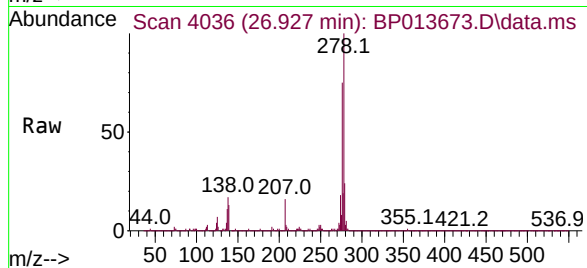




#91
Dibenzo(a,h)anthracene
Concen: 40.352 ng
RT: 26.927 min Scan# 4036
Delta R.T. 0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

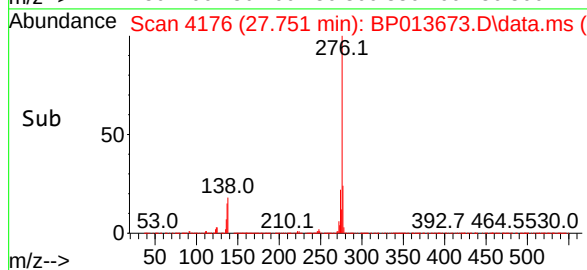
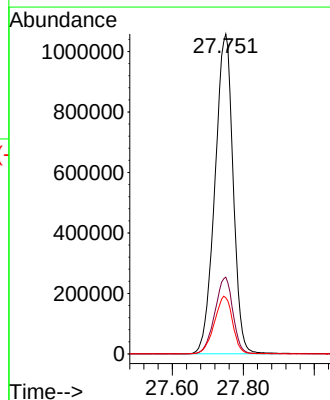
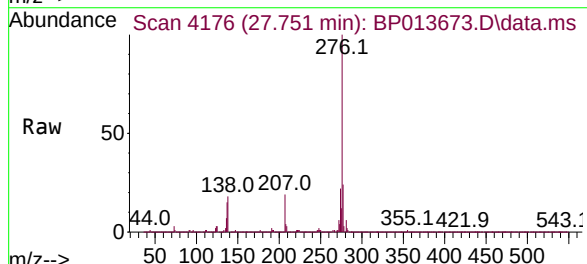
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 3806958
Ion Ratio Lower Upper
278 100
139 13.3 10.6 16.0
279 23.5 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 40.127 ng
RT: 27.751 min Scan# 4176
Delta R.T. 0.000 min
Lab File: BP013673.D
Acq: 31 Jan 2023 13:38

Tgt Ion:276 Resp: 3759929
Ion Ratio Lower Upper
276 100
277 24.0 19.2 28.8
138 17.5 14.0 21.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
 Data File : BP013674.D
 Acq On : 31 Jan 2023 14:12
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/01/2023
 Supervised By : Jagrut Upadhyay 02/01/2023

Quant Time: Feb 01 03:03:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 02:57:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	261624	20.000	ng	0.00
21) Naphthalene-d8	10.969	136	981510	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	680781	20.000	ng	0.00
64) Phenanthrene-d10	17.528	188	1595373	20.000	ng	0.00
76) Chrysene-d12	21.610	240	1629059	20.000	ng	0.00
86) Perylene-d12	24.186	264	1903765	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	1517715	99.168	ng	0.00
7) Phenol-d6	7.293	99	2078037	101.917	ng	0.00
23) Nitrobenzene-d5	9.316	82	1878027	111.302	ng	0.00
42) 2,4,6-Tribromophenol	16.269	330	1098171	107.548	ng	0.00
45) 2-Fluorobiphenyl	13.404	172	4893896	100.589	ng	0.00
79) Terphenyl-d14	20.063	244	8315910	101.367	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.517	88	318151	49.136	ng	100
3) Pyridine	3.934	79	952156m	51.941	ng	
4) n-Nitrosodimethylamine	3.840	42	338916	50.701	ng	100
6) Aniline	7.464	93	1377107	51.809	ng	99
8) 2-Chlorophenol	7.705	128	817385	50.730	ng	97
9) Benzaldehyde	7.269	77	488356	47.406	ng	97
10) Phenol	7.317	94	1097966	51.548	ng	97
11) bis(2-Chloroethyl)ether	7.558	93	860417	50.568	ng	99
12) 1,3-Dichlorobenzene	8.028	146	898311	49.494	ng	99
13) 1,4-Dichlorobenzene	8.181	146	915048	49.828	ng	99
14) 1,2-Dichlorobenzene	8.505	146	884826	50.352	ng	99
15) Benzyl Alcohol	8.381	79	781191	54.107	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.669	45	1011906	50.728	ng	99
17) 2-Methylphenol	8.581	107	787068	52.731	ng	99
18) Hexachloroethane	9.240	117	308068	50.874	ng	97
19) n-Nitroso-di-n-propyla...	8.958	70	701867	54.865	ng	99
20) 3+4-Methylphenols	8.916	107	1085878	53.328	ng	97
22) Acetophenone	8.975	105	1323994	51.728	ng	99
24) Nitrobenzene	9.363	77	1004352	54.877	ng	99
25) Isophorone	9.893	82	1997215	53.404	ng	99
26) 2-Nitrophenol	10.075	139	440838	57.547	ng	98
27) 2,4-Dimethylphenol	10.128	122	796139	50.763	ng	99
28) bis(2-Chloroethoxy)met...	10.369	93	1171084	52.245	ng	99
29) 2,4-Dichlorophenol	10.610	162	873976	53.202	ng	99
30) 1,2,4-Trichlorobenzene	10.834	180	931303	51.092	ng	99
31) Naphthalene	11.022	128	2643433	51.221	ng	100
32) Benzoic acid	10.275	122	638926	56.945	ng	98
33) 4-Chloroaniline	11.128	127	1206262	53.195	ng	100
34) Hexachlorobutadiene	11.305	225	587740	50.796	ng	99
35) Caprolactam	11.928	113	300893	55.990	ng	98
36) 4-Chloro-3-methylphenol	12.234	107	948633	54.897	ng	99
37) 2-Methylnaphthalene	12.616	142	2021923	52.106	ng	98
38) 1-Methylnaphthalene	12.834	142	1902398	52.190	ng	99
40) 1,2,4,5-Tetrachloroben...	12.981	216	1195218	51.425	ng	100
41) Hexachlorocyclopentadiene	12.957	237	570184	53.749	ng	98
43) 2,4,6-Trichlorophenol	13.216	196	813719	53.169	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
 Data File : BP013674.D
 Acq On : 31 Jan 2023 14:12
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 02/01/2023
 Supervised By : Jagrut Upadhyay 02/01/2023

Quant Time: Feb 01 03:03:34 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Feb 01 02:57:10 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.287	196	956875	53.400	ng	99
46) 1,1'-Biphenyl	13.616	154	2613104	50.723	ng	99
47) 2-Chloronaphthalene	13.663	162	2021259	50.758	ng	98
48) 2-Nitroaniline	13.857	65	516160	60.660	ng	98
49) Acenaphthylene	14.504	152	3297830	51.354	ng	100
50) Dimethylphthalate	14.228	163	2737836	51.994	ng	100
51) 2,6-Dinitrotoluene	14.346	165	565632	60.102	ng	98
52) Acenaphthene	14.846	154	2120453m	52.938	ng	
53) 3-Nitroaniline	14.681	138	599344	58.395	ng	99
54) 2,4-Dinitrophenol	14.881	184	341966	59.703	ng	98
55) Dibenzofuran	15.175	168	3278450	50.669	ng	100
56) 4-Nitrophenol	14.975	139	510298	55.894	ng	99
57) 2,4-Dinitrotoluene	15.134	165	758342	61.402	ng	98
58) Fluorene	15.828	166	2562458	50.442	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.398	232	831714	53.378	ng	99
60) Diethylphthalate	15.587	149	2627662	52.054	ng	100
61) 4-Chlorophenyl-phenyle...	15.810	204	1414765	51.142	ng	98
62) 4-Nitroaniline	15.845	138	599897	58.856	ng	98
63) Azobenzene	16.110	77	2418862	51.872	ng	100
65) 4,6-Dinitro-2-methylph...	15.898	198	478118	57.504	ng	97
66) n-Nitrosodiphenylamine	16.028	169	2319177	49.961	ng	100
67) 4-Bromophenyl-phenylether	16.710	248	949098	51.897	ng	97
68) Hexachlorobenzene	16.834	284	1033964	51.057	ng	99
69) Atrazine	16.981	200	773369	51.200	ng	98
70) Pentachlorophenol	17.175	266	810907	54.284	ng	99
71) Phenanthrene	17.575	178	4271089	49.947	ng	99
72) Anthracene	17.663	178	4368916	50.607	ng	99
73) Carbazole	17.928	167	3962583	50.549	ng	100
74) Di-n-butylphthalate	18.463	149	4453352	51.914	ng	100
75) Fluoranthene	19.522	202	5407941	50.798	ng	99
77) Benzidine	19.692	184	1713013	48.683	ng	99
78) Pyrene	19.875	202	5590546	51.009	ng	99
80) Butylbenzylphthalate	20.728	149	1640706	54.836	ng	98
81) Benzo(a)anthracene	21.592	228	5788333	51.155	ng	99
82) 3,3'-Dichlorobenzidine	21.516	252	1894035	52.945	ng	99
83) Chrysene	21.651	228	5434199	50.407	ng	99
84) Bis(2-ethylhexyl)phtha...	21.492	149	2713414	53.262	ng	99
85) Di-n-octyl phthalate	22.475	149	4967366	53.397	ng	100
87) Indeno(1,2,3-cd)pyrene	26.915	276	7371359	50.913	ng	99
88) Benzo(b)fluoranthene	23.392	252	6004351	52.476	ng	99
89) Benzo(k)fluoranthene	23.445	252	5749175	50.165	ng	100
90) Benzo(a)pyrene	24.069	252	5821927	51.259	ng	99
91) Dibenzo(a,h)anthracene	26.933	278	6131103	51.016	ng	99
92) Benzo(g,h,i)perylene	27.757	276	6064549	50.808	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

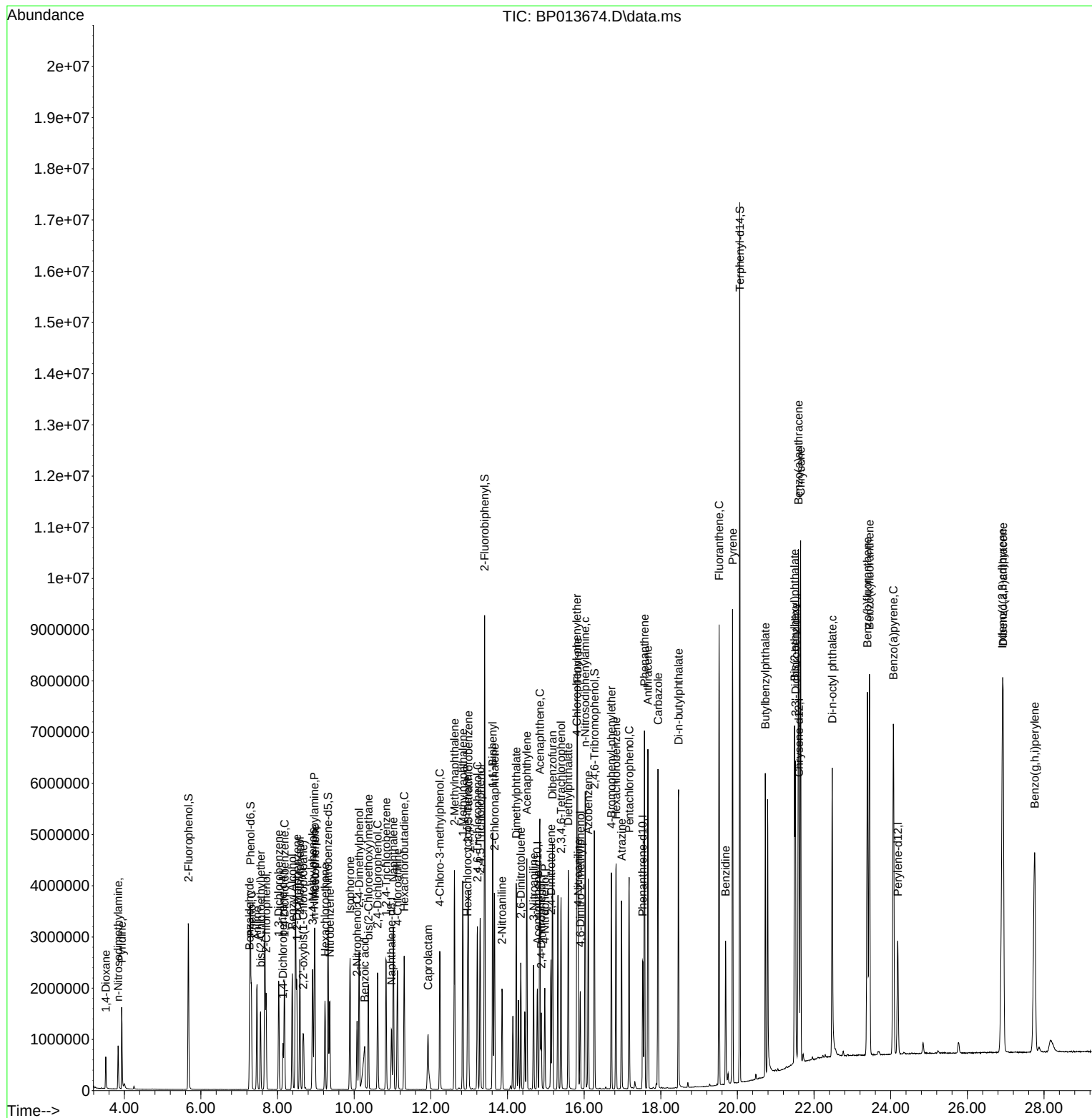
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Data File : BP013674.D
Acq On : 31 Jan 2023 14:12
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

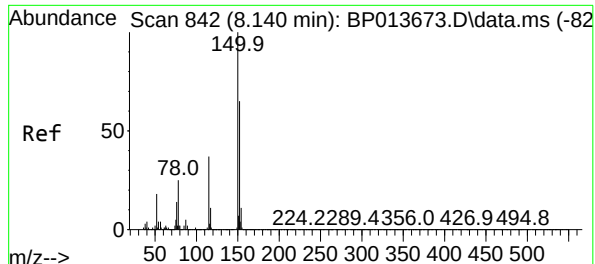
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jaqrut Upadhyay 02/01/2023

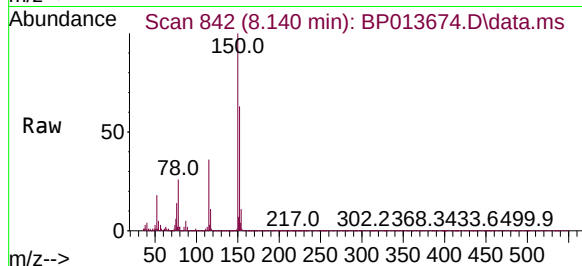
Quant Time: Feb 01 03:03:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 02:57:10 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.140 min Scan# 842
Delta R.T. 0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

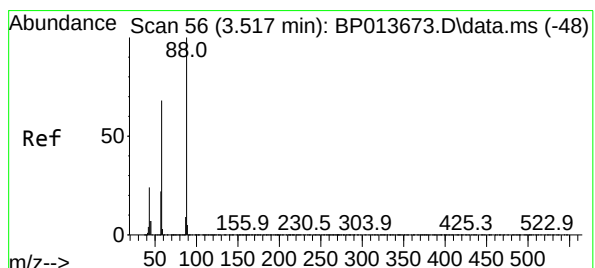
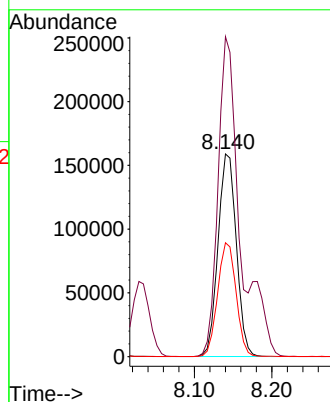
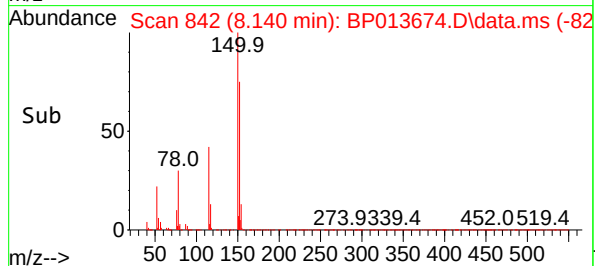
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:152 Resp: 261624
Ion Ratio Lower Upper
152 100
150 157.9 123.6 185.4
115 56.2 45.4 68.0

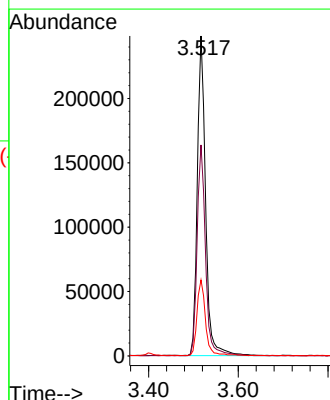
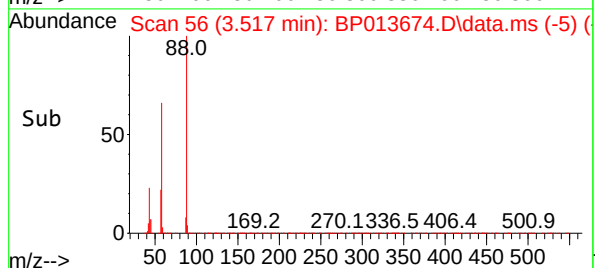
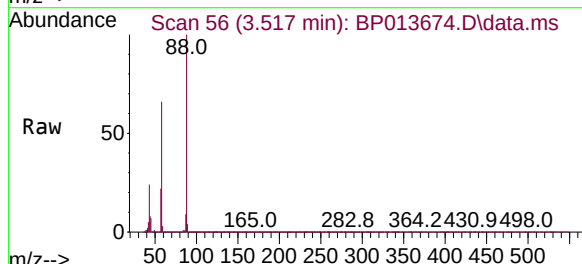
Manual Integrations
APPROVED

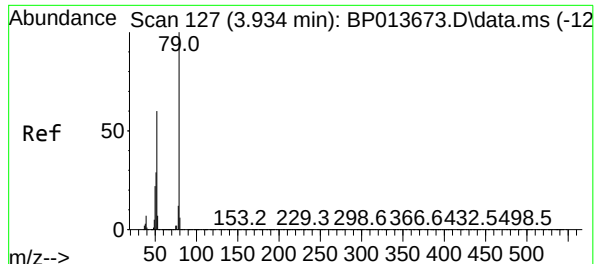
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#2
1,4-Dioxane
Concen: 49.136 ng
RT: 3.517 min Scan# 56
Delta R.T. 0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

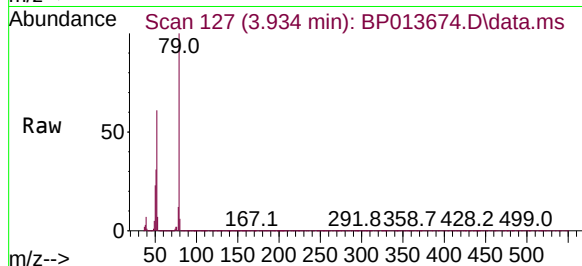
Tgt Ion: 88 Resp: 318151
Ion Ratio Lower Upper
88 100
58 67.3 53.8 80.8
43 24.4 19.8 29.6





#3
Pyridine
Concen: 51.941 ng m
RT: 3.934 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

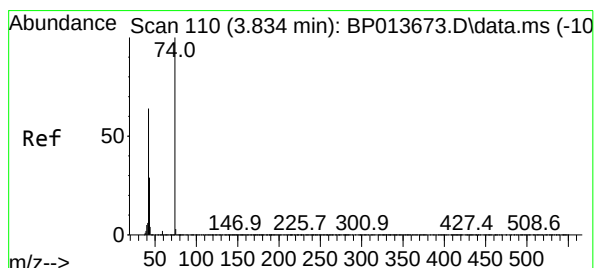
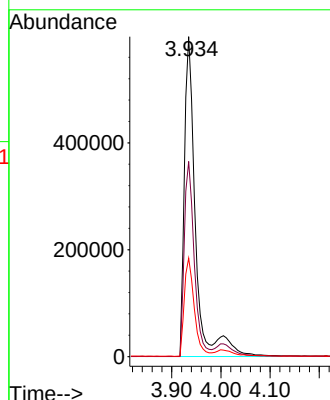
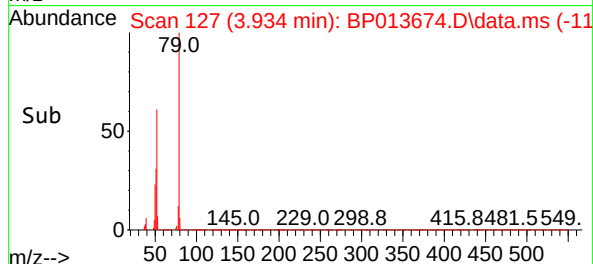
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 79 Resp: 952156
Ion Ratio Lower Upper
79 100
52 61.0 48.2 72.2
51 30.8 23.6 35.4

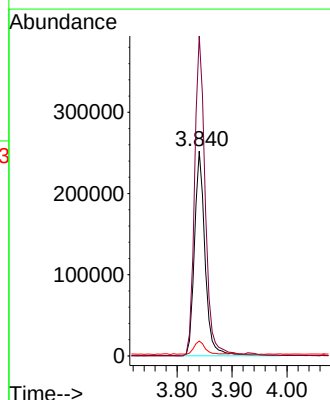
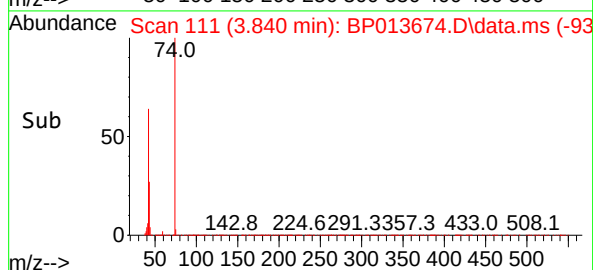
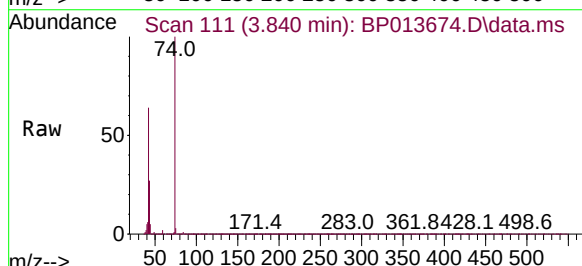
Manual Integrations
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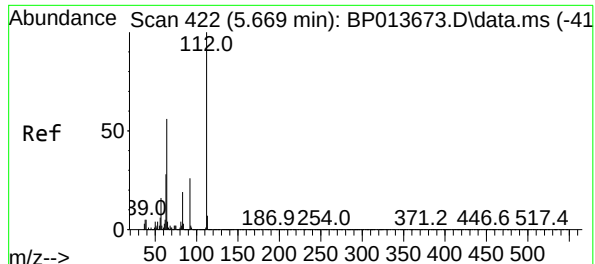
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#4
n-Nitrosodimethylamine
Concen: 50.701 ng
RT: 3.840 min Scan# 111
Delta R.T. 0.006 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

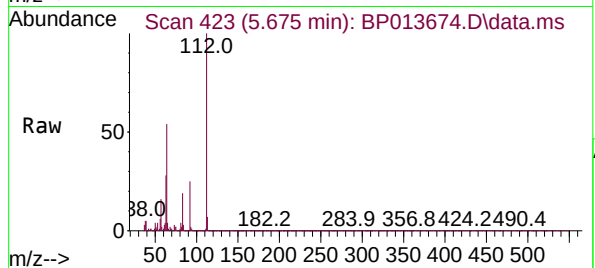
Tgt Ion: 42 Resp: 338916
Ion Ratio Lower Upper
42 100
74 156.3 124.6 187.0
44 7.2 6.3 9.5





#5
2-Fluorophenol
Concen: 99.168 ng
RT: 5.675 min Scan# 423
Delta R.T. 0.006 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

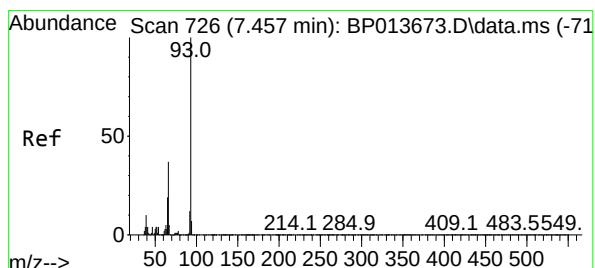
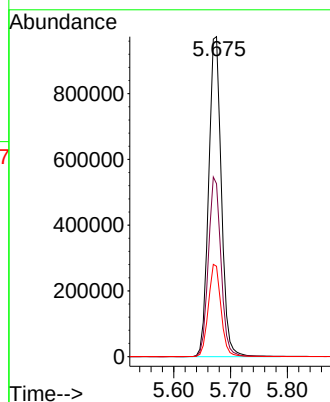
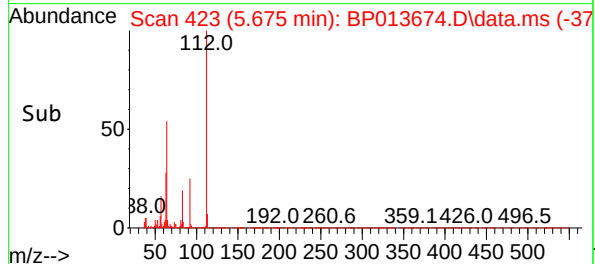
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 112 Resp: 1517715
Ion Ratio Lower Upper
112 100
64 54.0 44.6 67.0
63 28.2 22.6 34.0

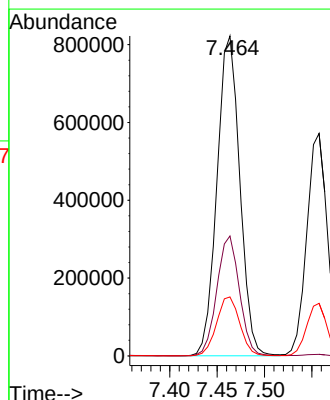
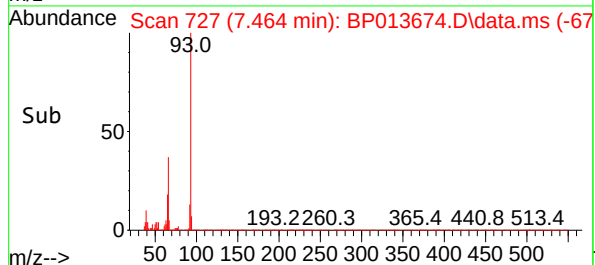
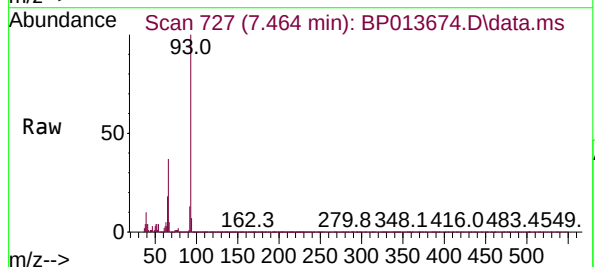
Manual Integrations
APPROVED

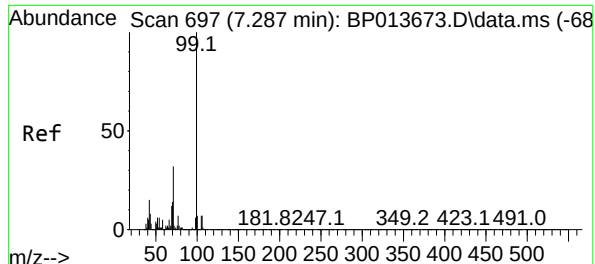
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#6
Aniline
Concen: 51.809 ng
RT: 7.464 min Scan# 727
Delta R.T. 0.006 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

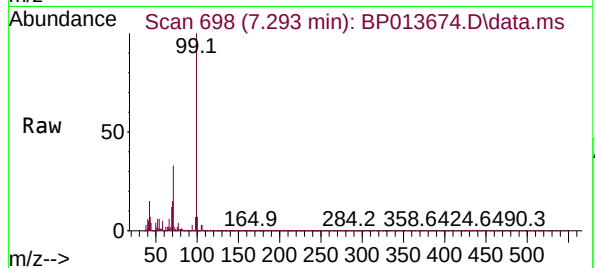
Tgt Ion: 93 Resp: 1377107
Ion Ratio Lower Upper
93 100
66 37.5 29.3 43.9
65 18.4 15.1 22.7





#7
Phenol-d6
Concen: 101.917 ng
RT: 7.293 min Scan# 697
Delta R.T. 0.006 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

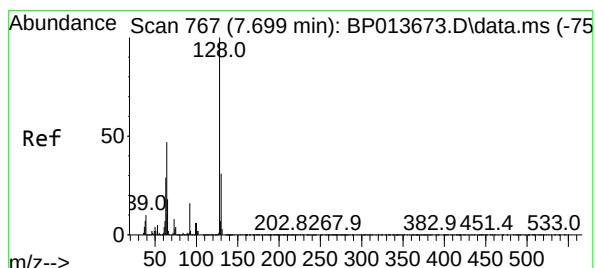
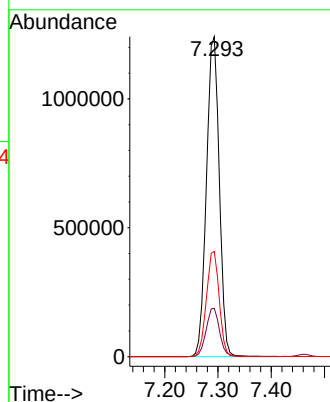
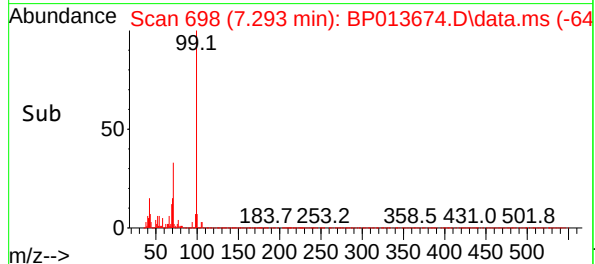
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 99 Resp: 207803
Ion Ratio Lower Upper
99 100
42 15.1 11.8 17.6
71 32.9 25.6 38.4

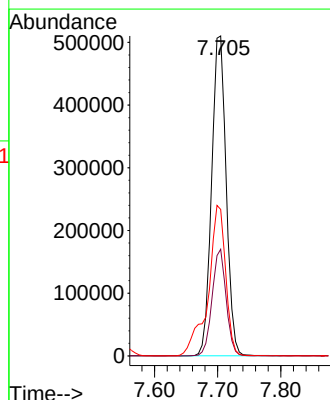
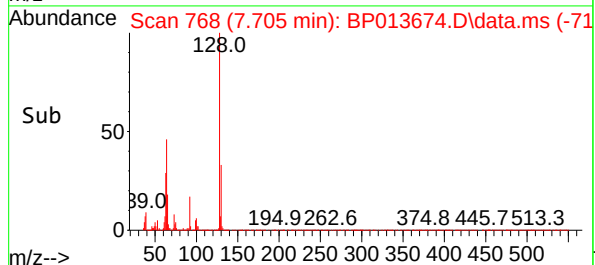
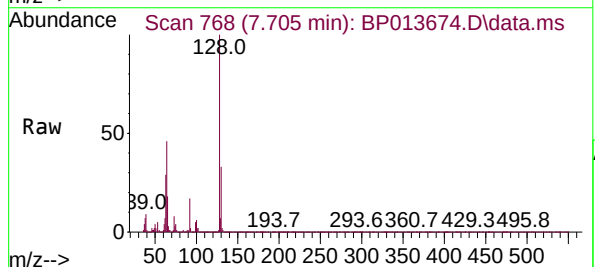
Manual Integrations
APPROVED

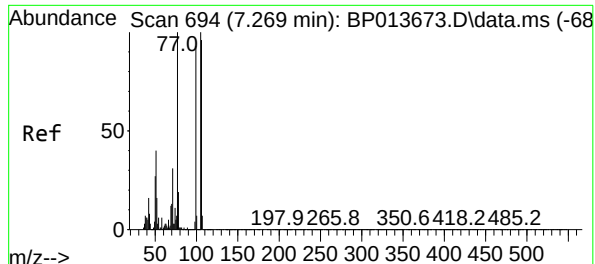
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#8
2-Chlorophenol
Concen: 50.730 ng
RT: 7.705 min Scan# 768
Delta R.T. 0.006 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

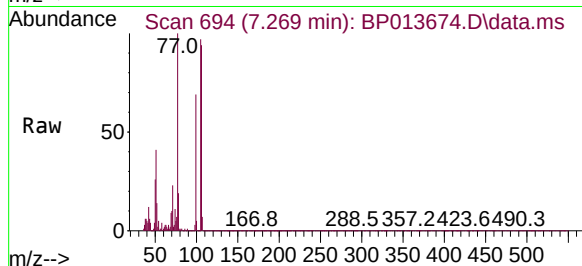
Tgt Ion:128 Resp: 817385
Ion Ratio Lower Upper
128 100
130 33.3 10.8 50.8
64 45.8 26.9 66.9





#9
Benzaldehyde
Concen: 47.406 ng
RT: 7.269 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

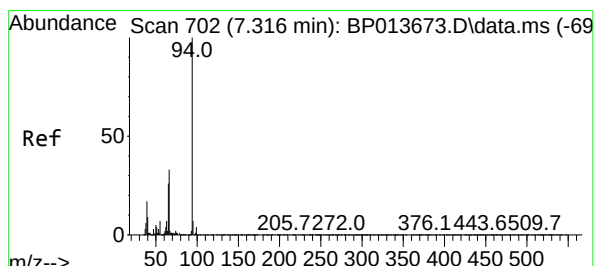
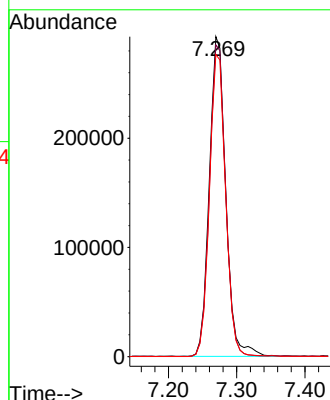
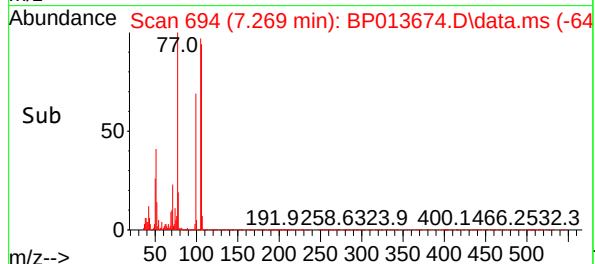
Instrument :
BNA_P
Client Sample Id :
SSTDICC050



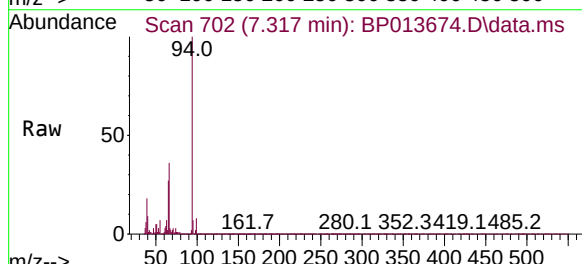
Tgt Ion: 77 Resp: 488356
Ion Ratio Lower Upper
77 100
105 97.4 80.4 120.4
106 94.4 76.7 116.7

Manual Integrations
APPROVED

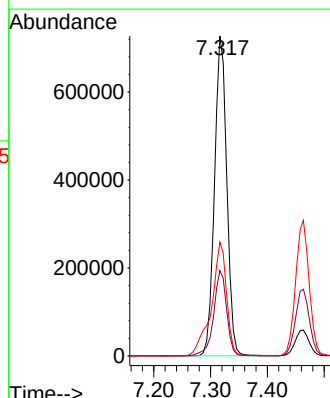
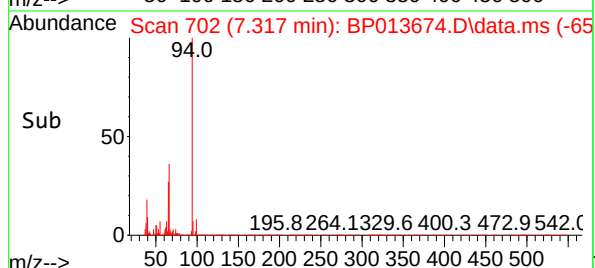
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

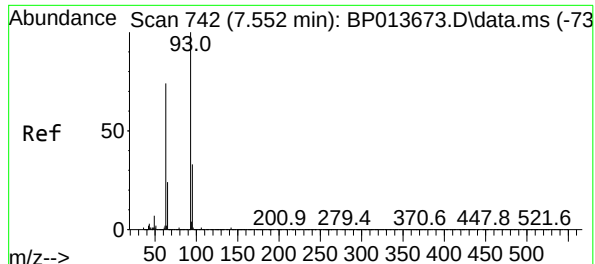


#10
Phenol
Concen: 51.548 ng
RT: 7.317 min Scan# 702
Delta R.T. 0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12



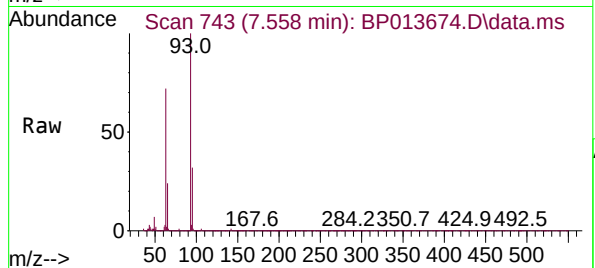
Tgt Ion: 94 Resp: 1097966
Ion Ratio Lower Upper
94 100
65 26.7 6.0 46.0
66 35.5 13.1 53.1





#11
bis(2-Chloroethyl)ether
Concen: 50.568 ng
RT: 7.558 min Scan# 742
Delta R.T. 0.006 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

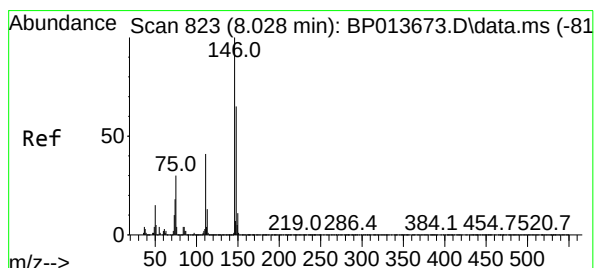
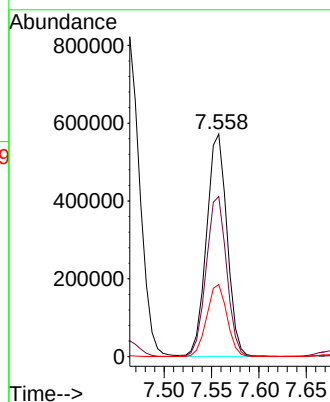
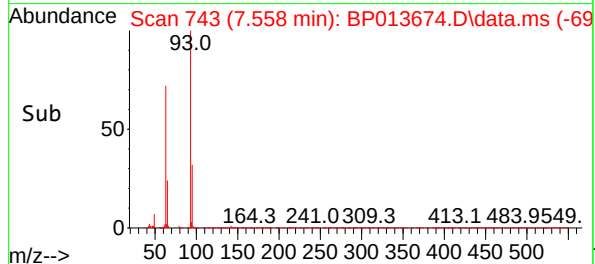
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



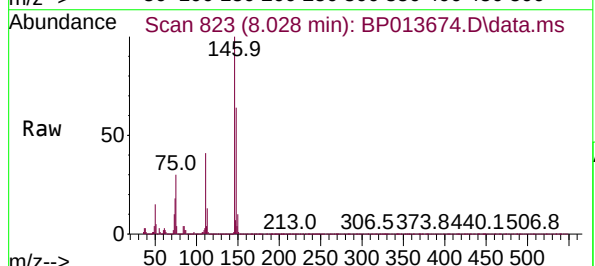
Tgt Ion: 93 Resp: 860417
Ion Ratio Lower Upper
93 100
63 72.0 53.7 93.7
95 32.4 12.4 52.4

Manual Integrations
APPROVED

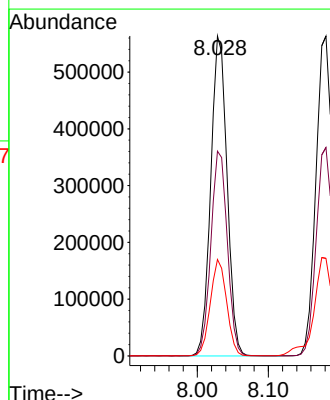
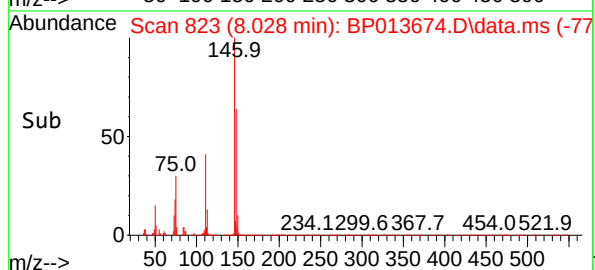
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

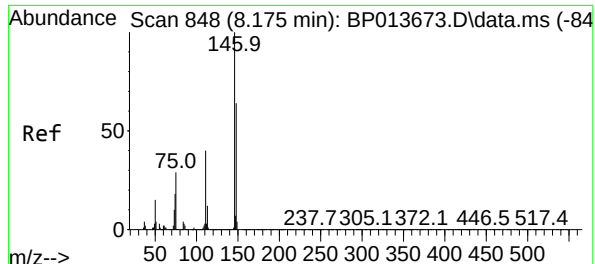


#12
1,3-Dichlorobenzene
Concen: 49.494 ng
RT: 8.028 min Scan# 823
Delta R.T. 0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12



Tgt Ion:146 Resp: 898311
Ion Ratio Lower Upper
146 100
148 64.0 51.9 77.9
75 30.1 24.0 36.0





#13

1,4-Dichlorobenzene

Concen: 49.828 ng

RT: 8.181 min Scan# 84

Delta R.T. 0.006 min

Lab File: BP013674.D

Acq: 31 Jan 2023 14:12

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:146 Resp: 915048

Ion Ratio Lower Upper

146 100

148 65.2 51.5 77.3

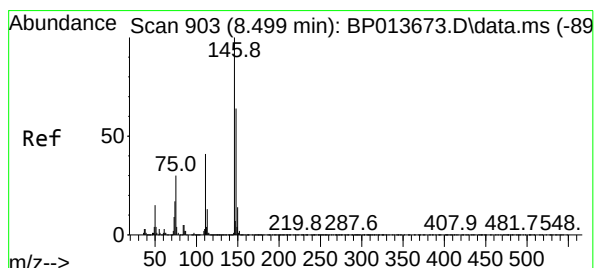
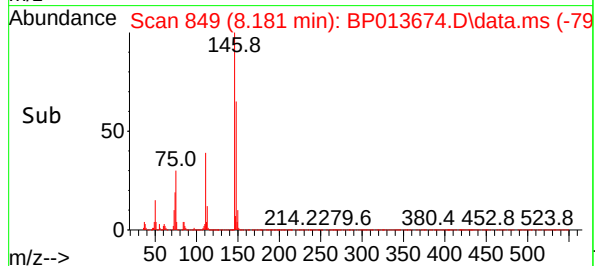
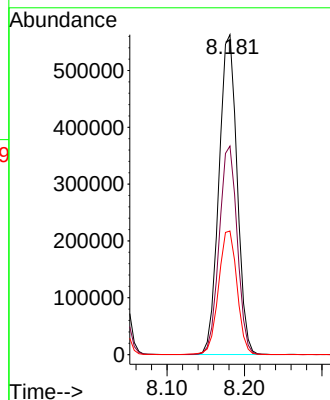
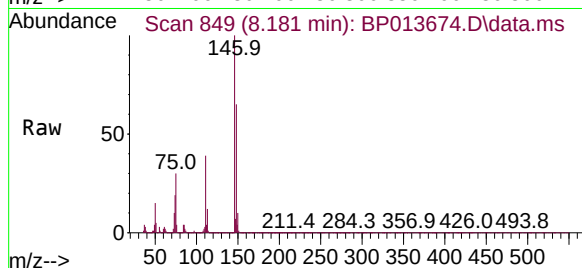
111 38.6 32.0 48.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#14

1,2-Dichlorobenzene

Concen: 50.352 ng

RT: 8.505 min Scan# 904

Delta R.T. 0.006 min

Lab File: BP013674.D

Acq: 31 Jan 2023 14:12

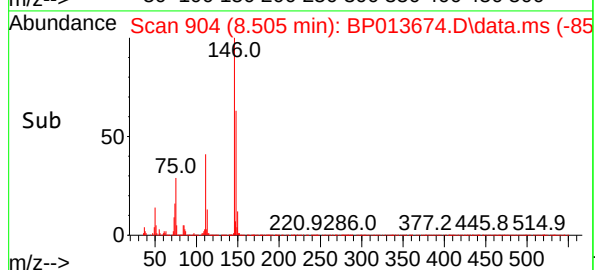
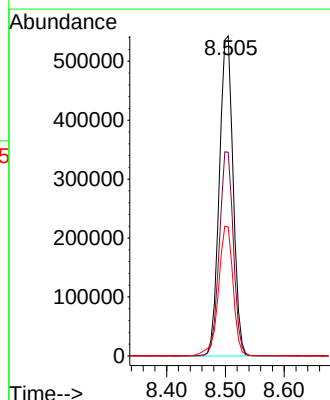
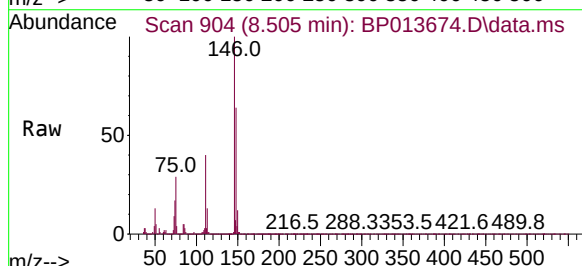
Tgt Ion:146 Resp: 884826

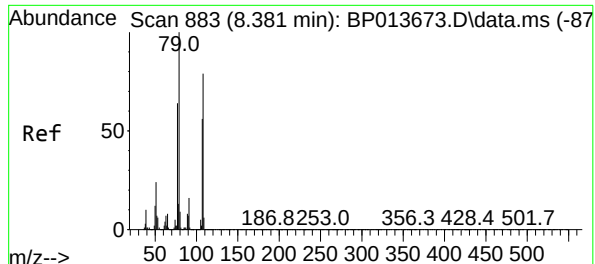
Ion Ratio Lower Upper

146 100

148 63.6 51.3 76.9

111 40.2 32.8 49.2





#15

Benzyl Alcohol

Concen: 54.107 ng

RT: 8.381 min Scan# 883

Delta R.T. 0.000 min

Lab File: BP013674.D

Acq: 31 Jan 2023 14:12

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 79 Resp: 781191

Ion Ratio Lower Upper

79 100

108 77.9 62.9 94.3

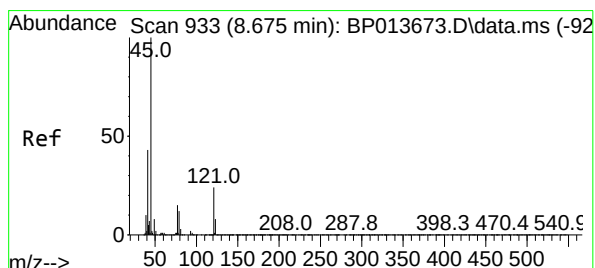
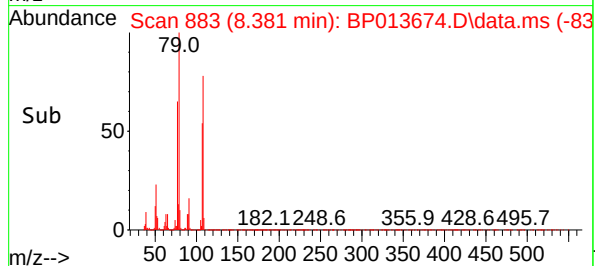
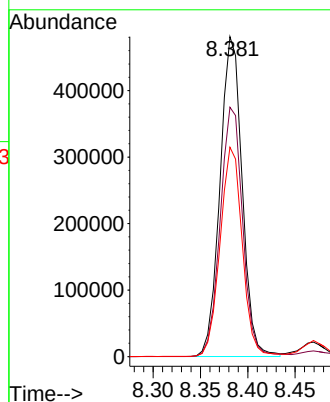
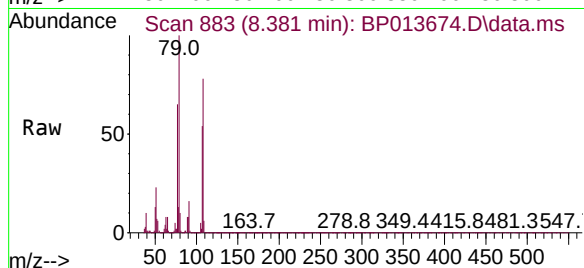
77 65.4 51.1 76.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#16

2,2'-oxybis(1-Chloropropane)

Concen: 50.728 ng

RT: 8.669 min Scan# 932

Delta R.T. -0.006 min

Lab File: BP013674.D

Acq: 31 Jan 2023 14:12

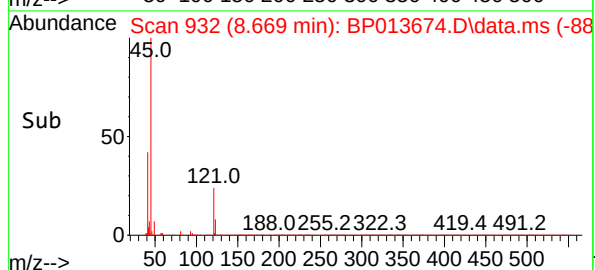
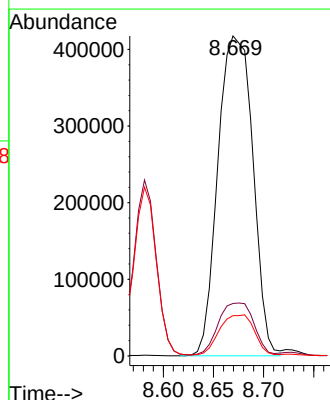
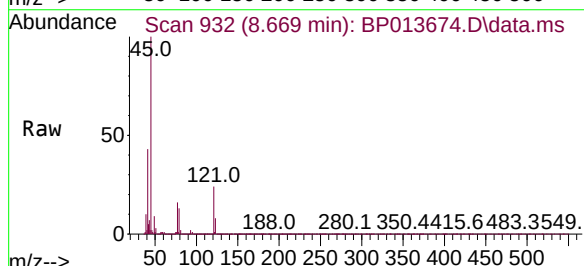
Tgt Ion: 45 Resp: 1011906

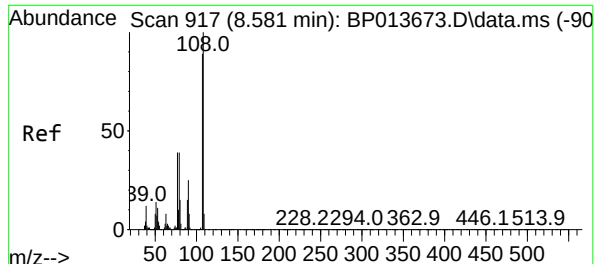
Ion Ratio Lower Upper

45 100

77 16.4 0.0 36.4

79 12.6 0.0 33.4





#17

2-Methylphenol

Concen: 52.731 ng

RT: 8.581 min Scan# 917

Delta R.T. 0.000 min

Lab File: BP013674.D

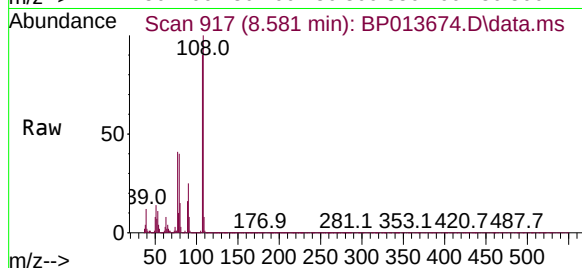
Acq: 31 Jan 2023 14:12

Instrument :

BNA_P

ClientSampleId :

SSTDICC050



Tgt Ion:107 Resp: 787068

Ion Ratio Lower Upper

107 100

108 110.6 90.0 135.0

77 45.8 35.7 53.5

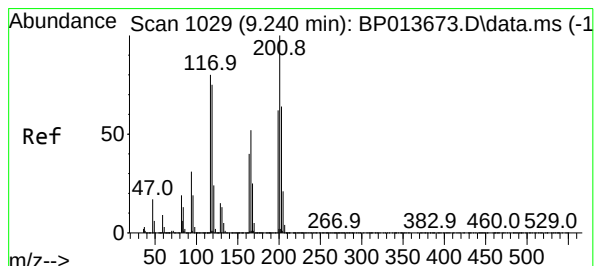
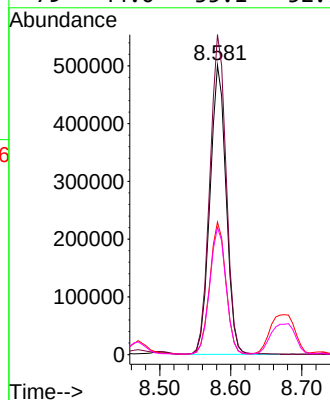
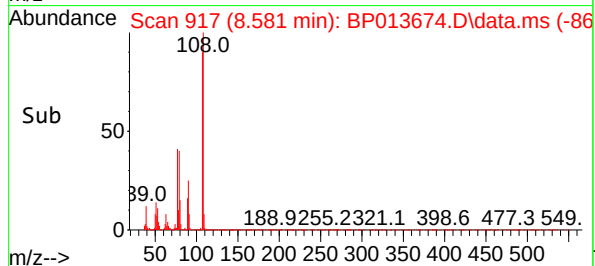
79 44.0 35.1 52.7

Manual Integrations

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Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#18

Hexachloroethane

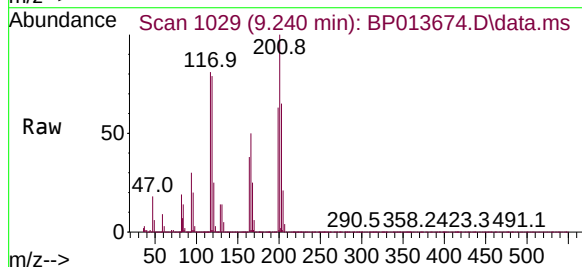
Concen: 50.874 ng

RT: 9.240 min Scan# 1029

Delta R.T. 0.000 min

Lab File: BP013674.D

Acq: 31 Jan 2023 14:12



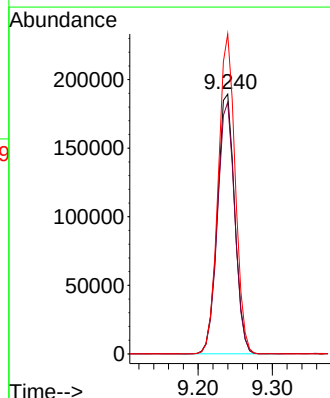
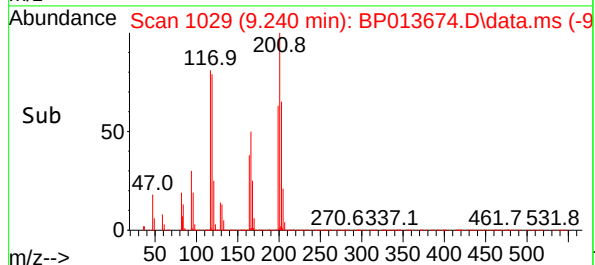
Tgt Ion:117 Resp: 308068

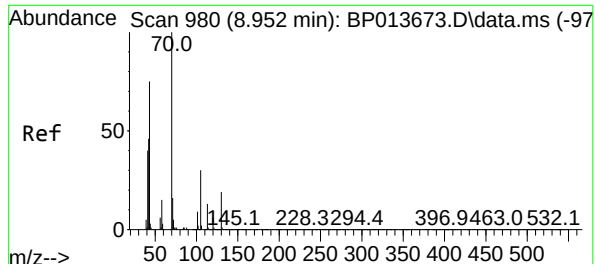
Ion Ratio Lower Upper

117 100

119 96.9 75.0 112.4

201 123.2 100.4 150.6





#19

n-Nitroso-di-n-propylamine

Concen: 54.865 ng

RT: 8.958 min Scan# 981

Delta R.T. 0.006 min

Lab File: BP013674.D

Acq: 31 Jan 2023 14:12

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 701862

Ion Ratio Lower Upper

70 100

42 47.7 37.2 55.8

101 9.2 7.4 11.2

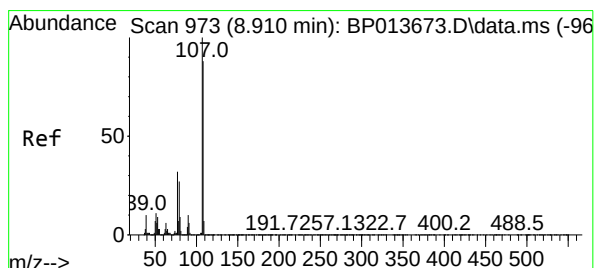
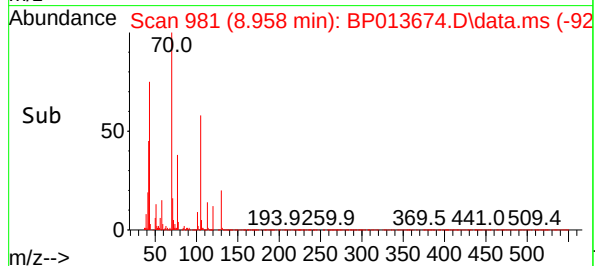
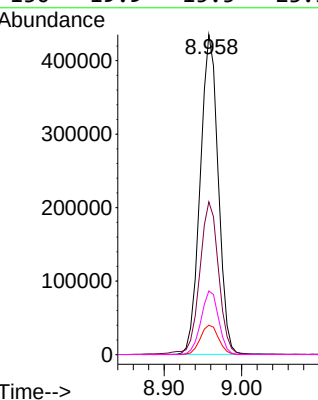
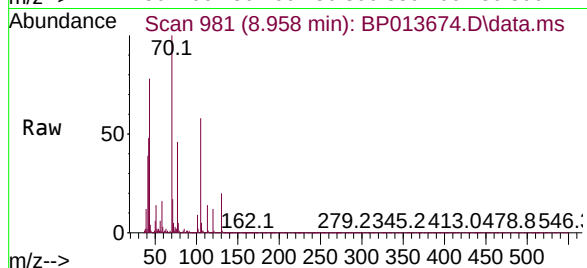
130 19.9 15.5 23.3

Manual Integrations

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Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#20

3+4-Methylphenols

Concen: 53.328 ng

RT: 8.916 min Scan# 974

Delta R.T. 0.006 min

Lab File: BP013674.D

Acq: 31 Jan 2023 14:12

Tgt Ion:107 Resp: 1085878

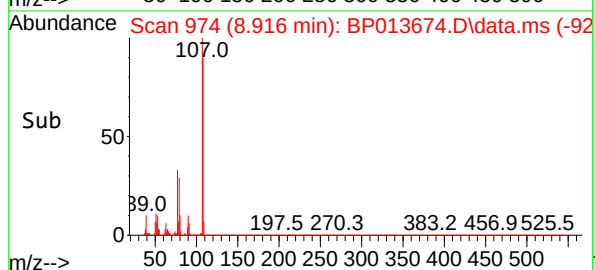
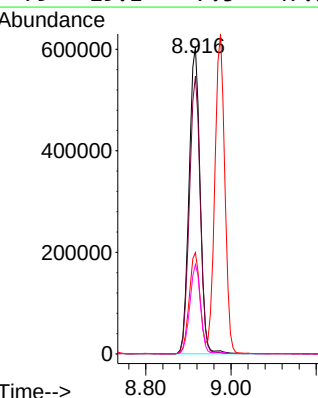
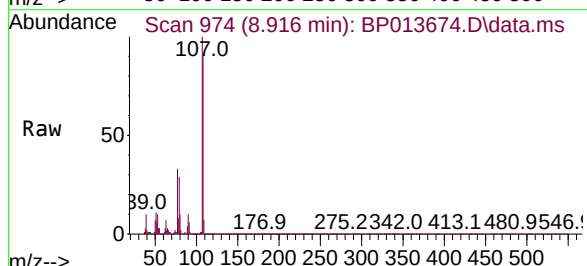
Ion Ratio Lower Upper

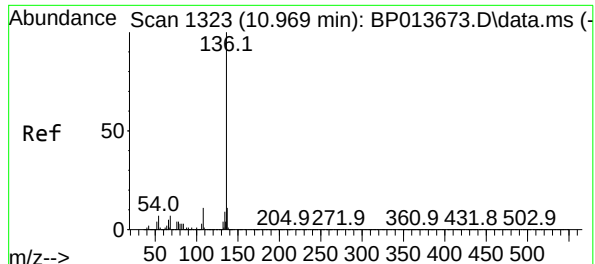
107 100

108 90.4 67.7 107.7

77 33.0 12.0 52.0

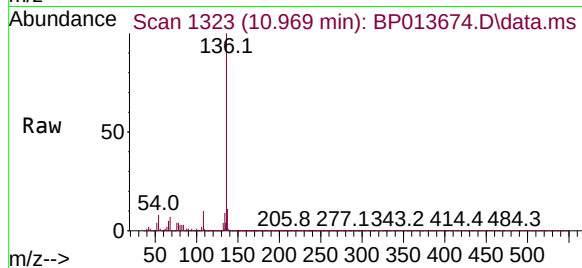
79 29.1 7.5 47.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.969 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

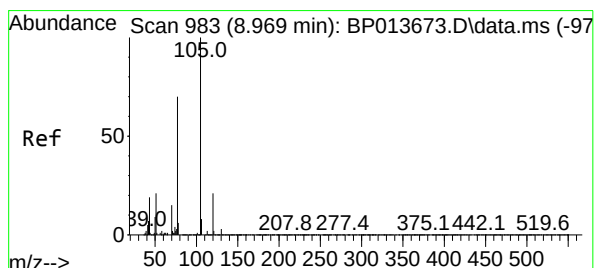
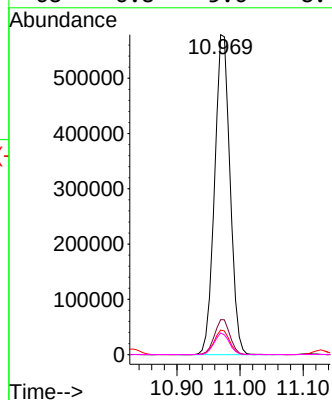
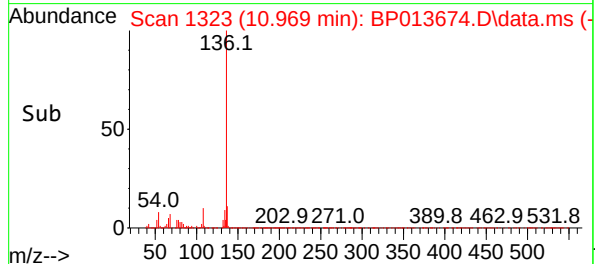
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:136 Resp: 981510
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.7 6.0 9.0
68 6.8 5.6 8.4

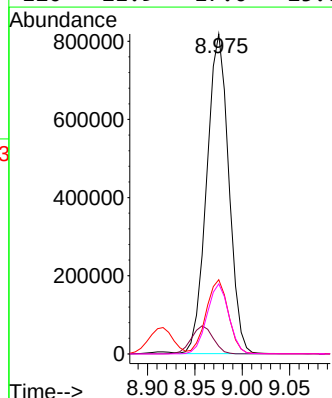
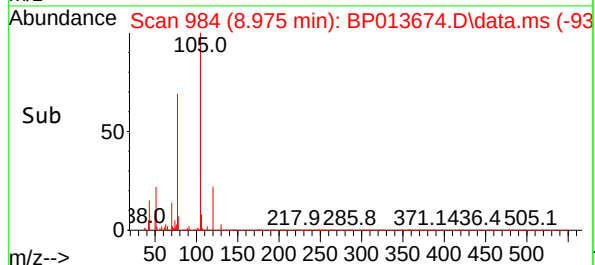
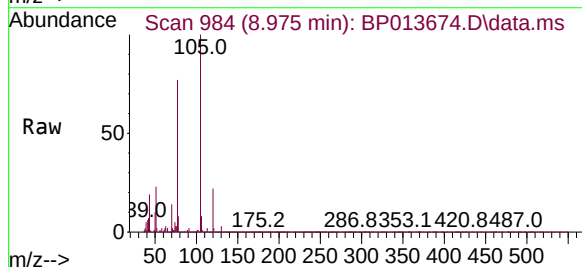
Manual Integrations
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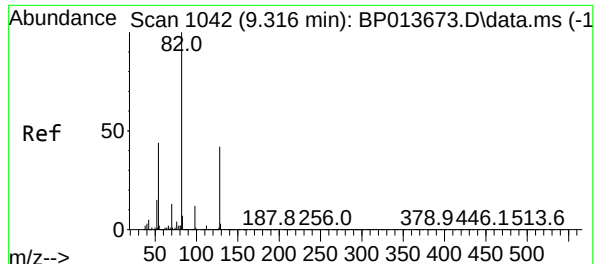
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#22
Acetophenone
Concen: 51.728 ng
RT: 8.975 min Scan# 984
Delta R.T. 0.006 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

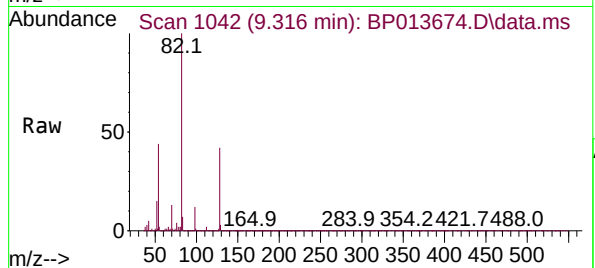
Tgt Ion:105 Resp: 1323994
Ion Ratio Lower Upper
105 100
71 2.4 2.2 3.2
51 23.2 18.6 27.8
120 21.9 17.0 25.6





#23
Nitrobenzene-d5
Concen: 111.302 ng
RT: 9.316 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

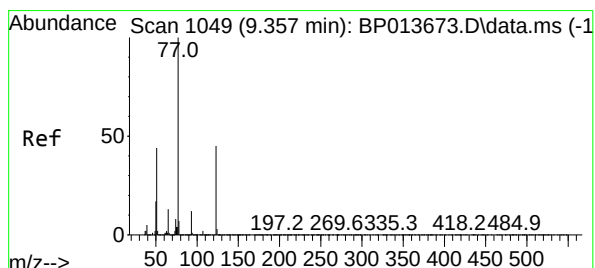
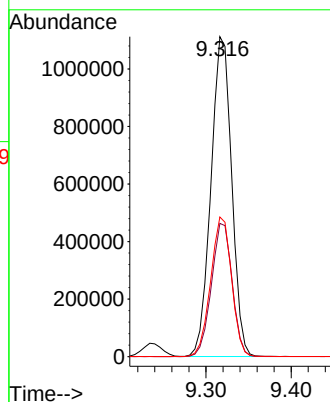
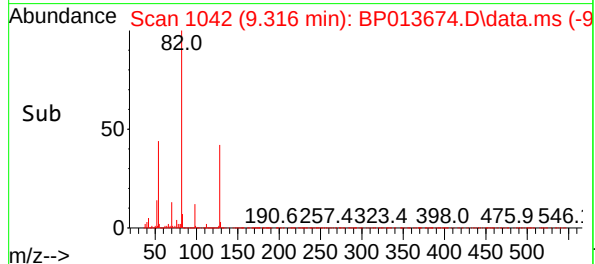
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



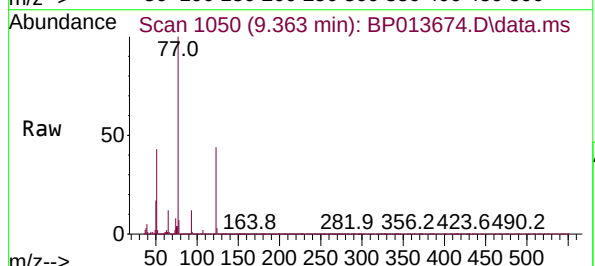
Tgt Ion: 82 Resp: 187802
Ion Ratio Lower Upper
82 100
128 41.6 33.4 50.0
54 43.6 35.4 53.0

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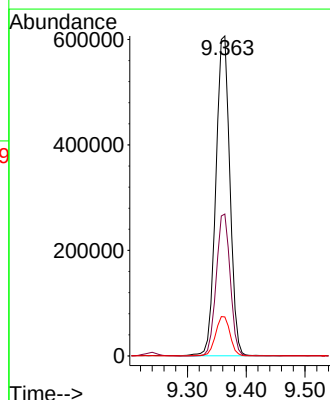
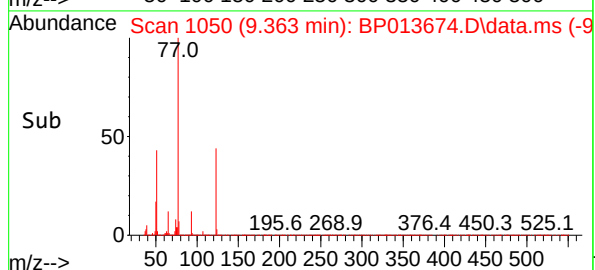
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

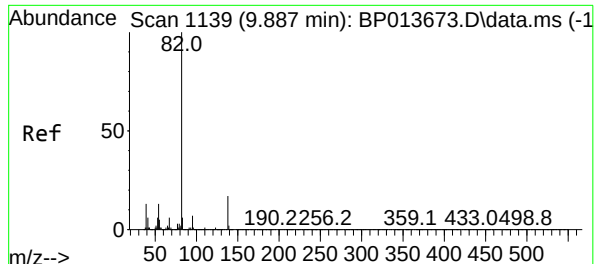


#24
Nitrobenzene
Concen: 54.877 ng
RT: 9.363 min Scan# 1050
Delta R.T. 0.006 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12



Tgt Ion: 77 Resp: 1004352
Ion Ratio Lower Upper
77 100
123 44.3 35.9 53.9
65 12.2 10.2 15.4





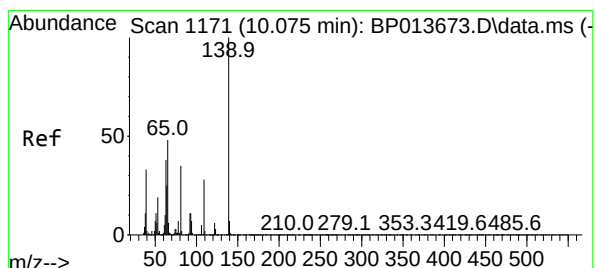
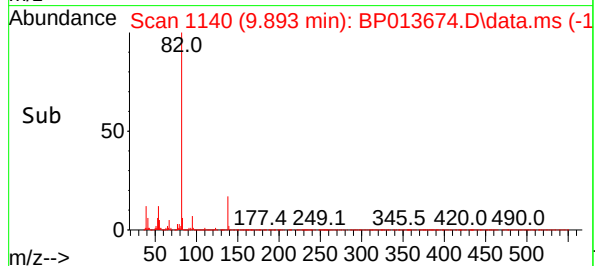
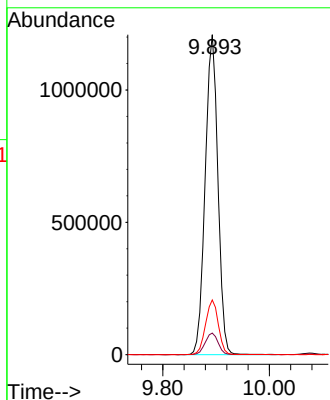
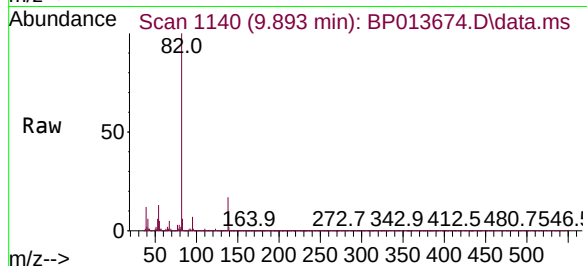
#25
Isophorone
Concen: 53.404 ng
RT: 9.893 min Scan# 1139
Delta R.T. 0.006 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 1997215
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.2
138 17.1 13.9 20.9

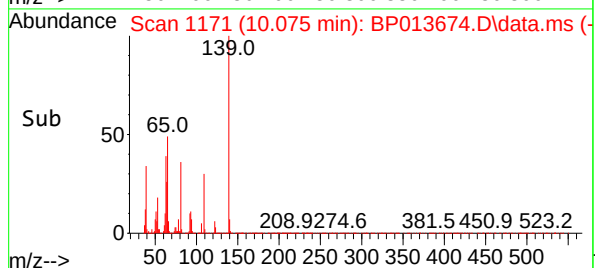
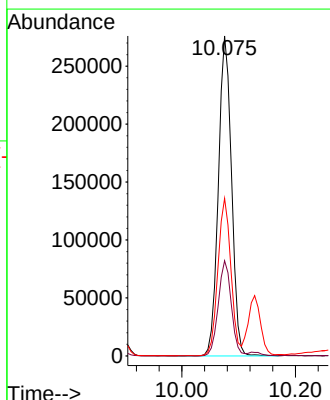
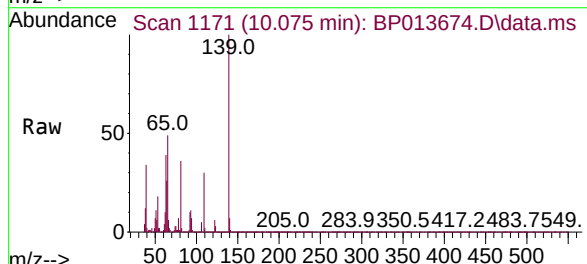
Manual Integrations
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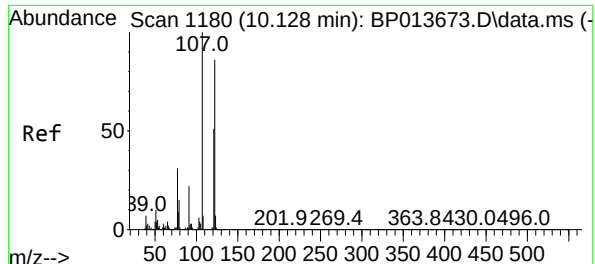
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#26
2-Nitrophenol
Concen: 57.547 ng
RT: 10.075 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

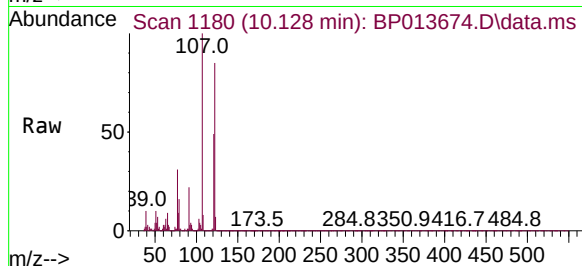
Tgt Ion:139 Resp: 440838
Ion Ratio Lower Upper
139 100
109 29.7 22.7 34.1
65 49.2 38.8 58.2





#27
2,4-Dimethylphenol
Concen: 50.763 ng
RT: 10.128 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

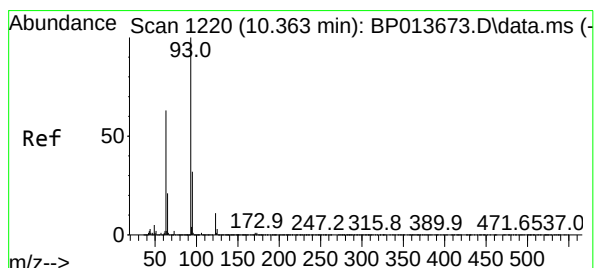
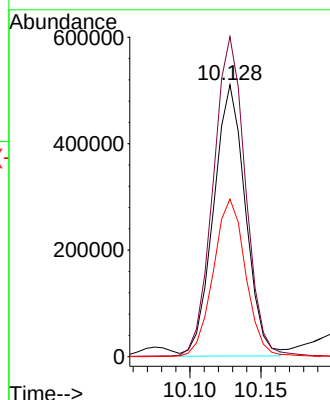
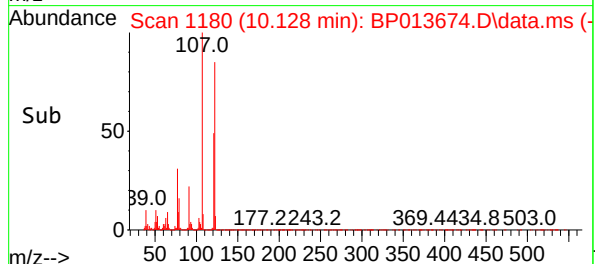
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:122 Resp: 796139
Ion Ratio Lower Upper
122 100
107 117.8 93.0 139.6
121 58.0 47.0 70.4

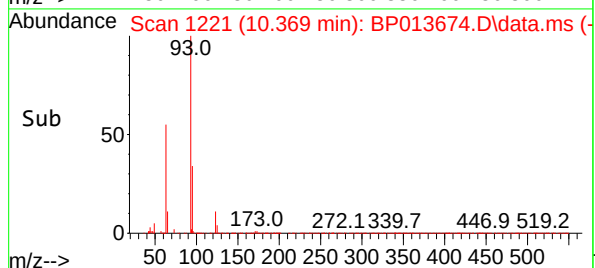
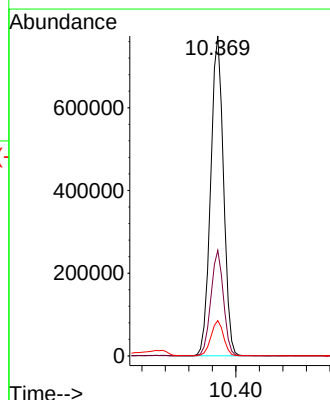
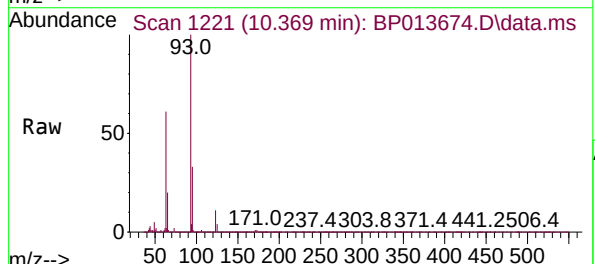
Manual Integrations
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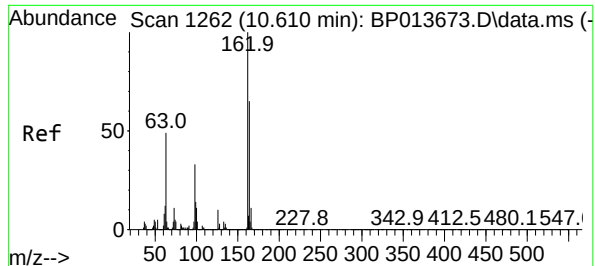
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#28
bis(2-Chloroethoxy)methane
Concen: 52.245 ng
RT: 10.369 min Scan# 1221
Delta R.T. 0.006 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

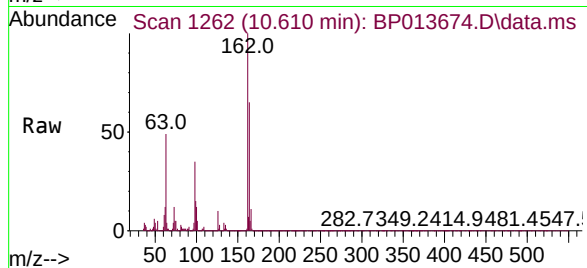
Tgt Ion: 93 Resp: 1171084
Ion Ratio Lower Upper
93 100
95 33.0 26.0 39.0
123 11.0 8.7 13.1





#29
2,4-Dichlorophenol
Concen: 53.202 ng
RT: 10.610 min Scan# 1262
Delta R.T. 0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

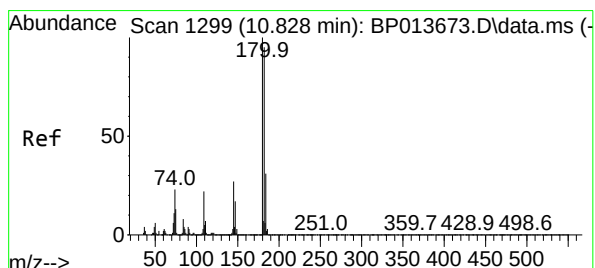
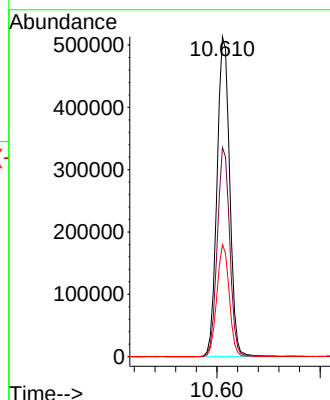
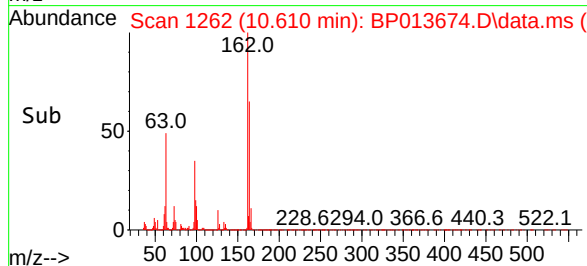
Instrument :
BNA_P
Client Sample Id :
SSTDICC050



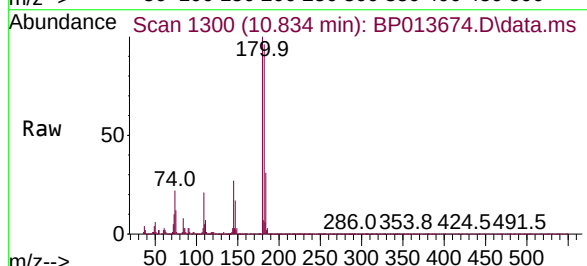
Tgt Ion:162 Resp: 873976
Ion Ratio Lower Upper
162 100
164 65.4 44.8 84.8
98 35.0 13.4 53.4

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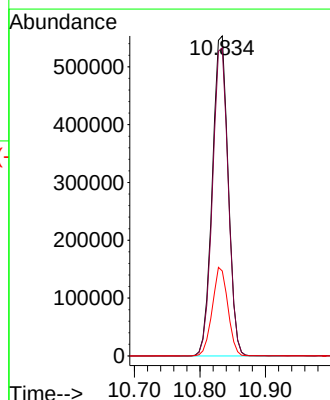
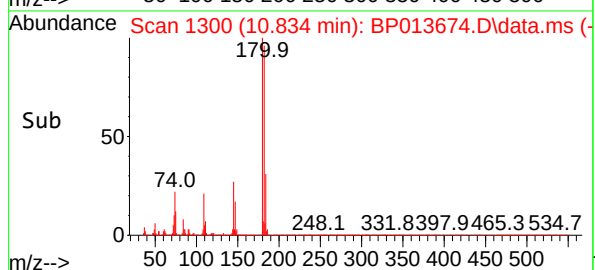
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

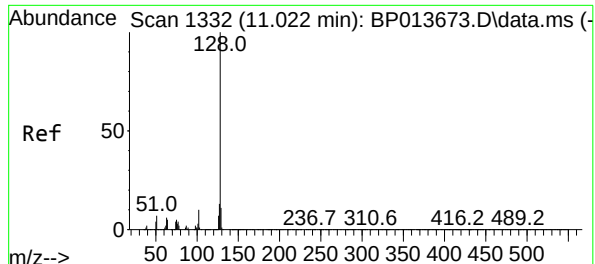


#30
1,2,4-Trichlorobenzene
Concen: 51.092 ng
RT: 10.834 min Scan# 1300
Delta R.T. 0.006 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12



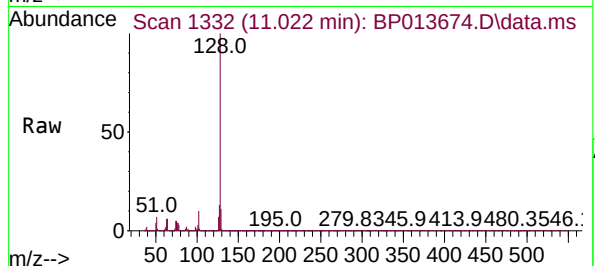
Tgt Ion:180 Resp: 931303
Ion Ratio Lower Upper
180 100
182 96.2 76.4 114.6
145 26.5 21.9 32.9





#31
Naphthalene
Concen: 51.221 ng
RT: 11.022 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

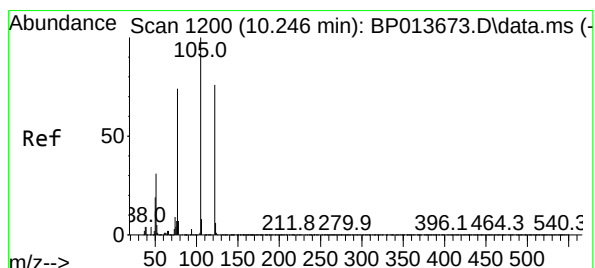
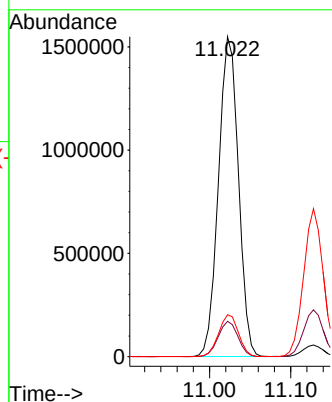
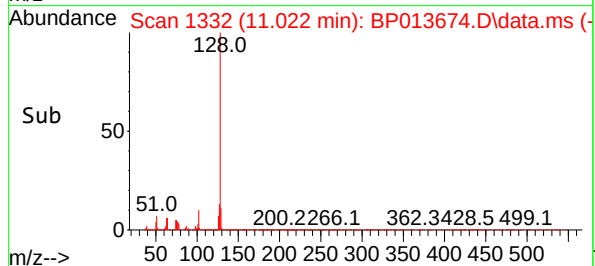
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



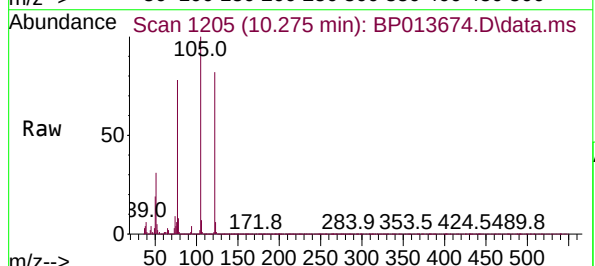
Tgt Ion:128 Resp: 264343
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.1 10.5 15.7

Manual Integrations
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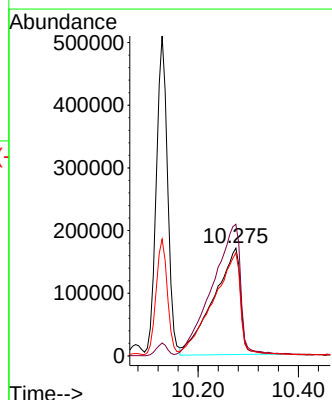
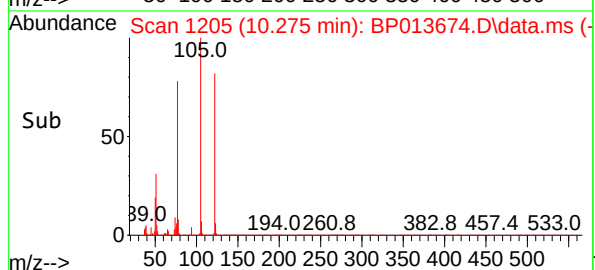
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

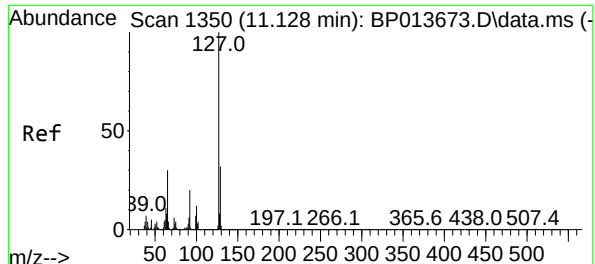


#32
Benzoic acid
Concen: 56.945 ng
RT: 10.275 min Scan# 1205
Delta R.T. 0.029 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12



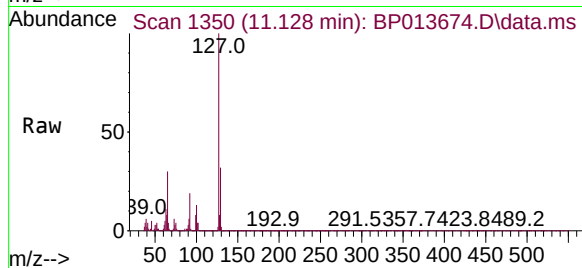
Tgt Ion:122 Resp: 638926
Ion Ratio Lower Upper
122 100
105 122.1 105.5 145.5
77 95.7 74.7 114.7





#33
4-Chloroaniline
Concen: 53.195 ng
RT: 11.128 min Scan# 1350
Delta R.T. 0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

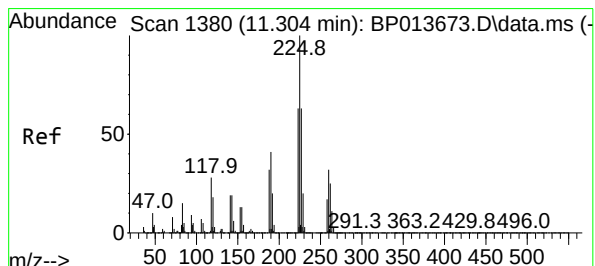
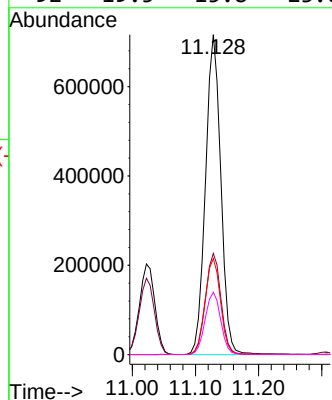
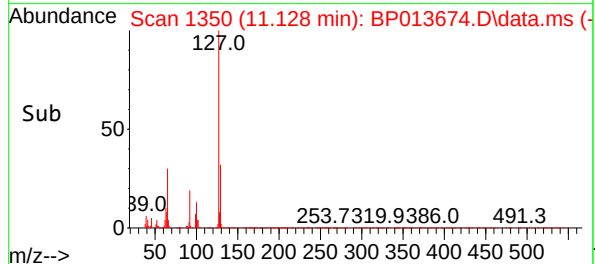
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:127 Resp: 1206262
Ion Ratio Lower Upper
127 100
129 31.6 25.3 37.9
65 30.0 23.8 35.8
92 19.5 15.8 23.6

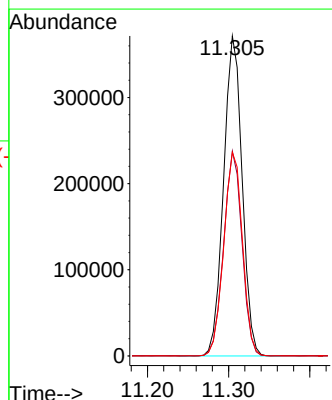
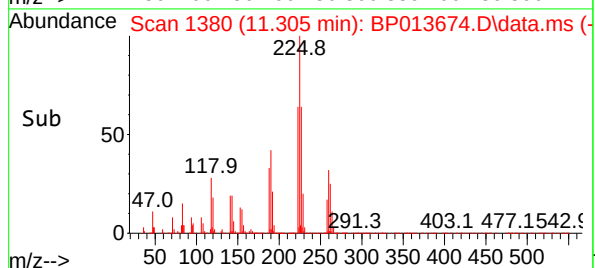
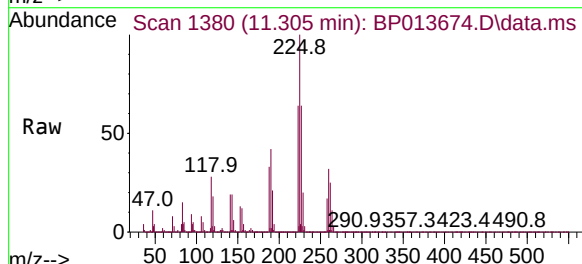
Manual Integrations
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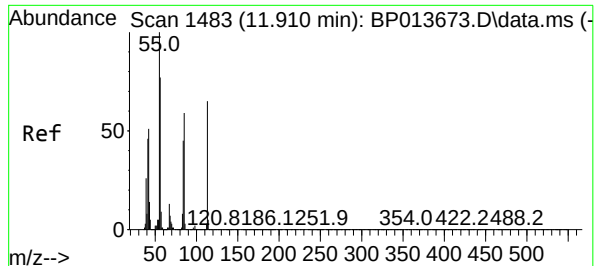
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#34
Hexachlorobutadiene
Concen: 50.796 ng
RT: 11.305 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

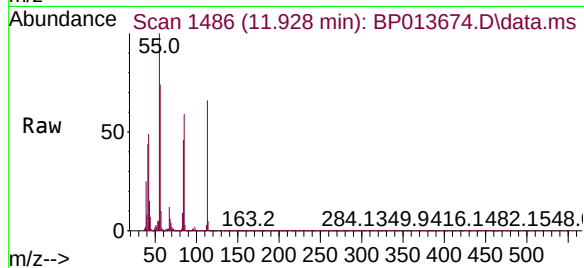
Tgt Ion:225 Resp: 587740
Ion Ratio Lower Upper
225 100
223 64.0 50.5 75.7
227 63.6 50.6 75.8





#35
Caprolactam
Concen: 55.990 ng
RT: 11.928 min Scan# 1483
Delta R.T. 0.018 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

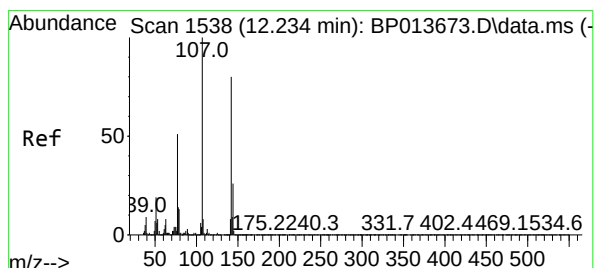
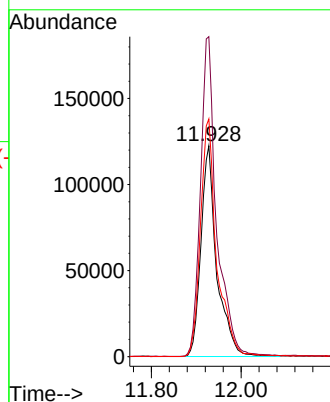
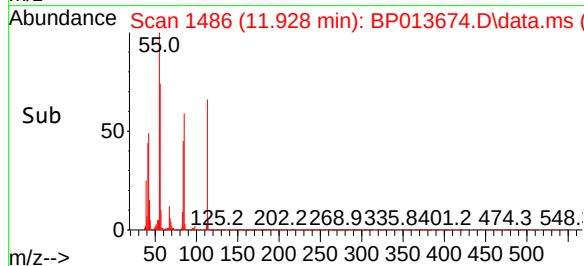
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



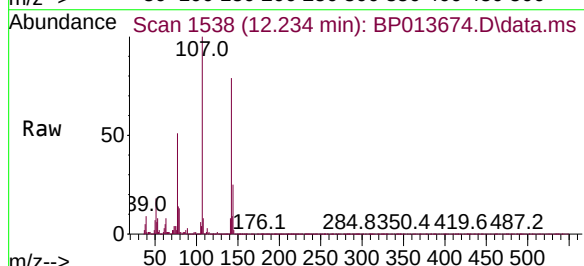
Tgt Ion:113 Resp: 300893
Ion Ratio Lower Upper
113 100
55 151.8 133.0 173.0
56 112.7 97.4 137.4

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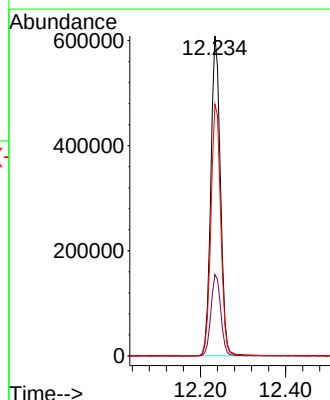
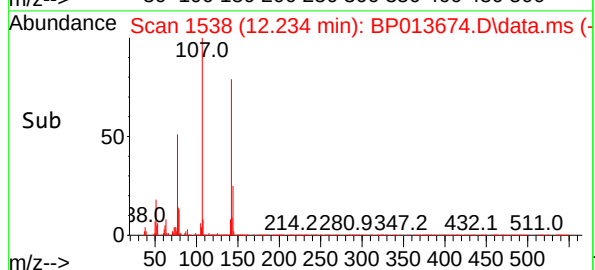
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

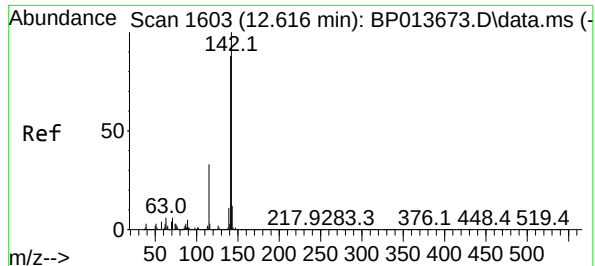


#36
4-Chloro-3-methylphenol
Concen: 54.897 ng
RT: 12.234 min Scan# 1538
Delta R.T. 0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12



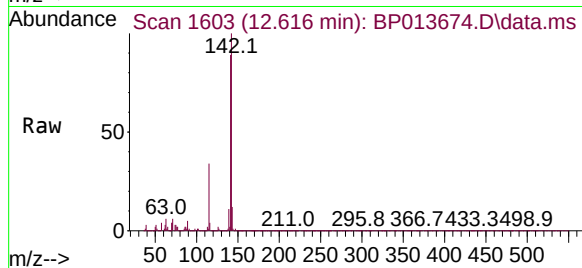
Tgt Ion:107 Resp: 948633
Ion Ratio Lower Upper
107 100
144 25.4 20.8 31.2
142 78.6 64.0 96.0





#37
2-Methylnaphthalene
Concen: 52.106 ng
RT: 12.616 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

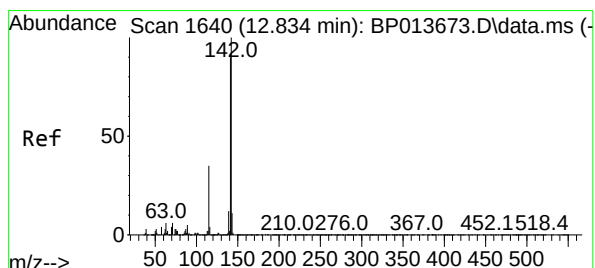
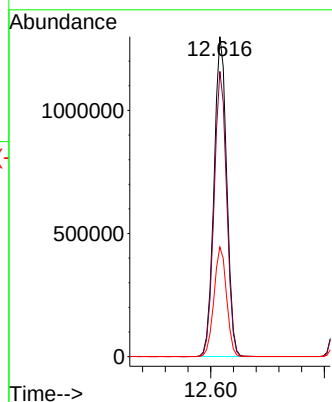
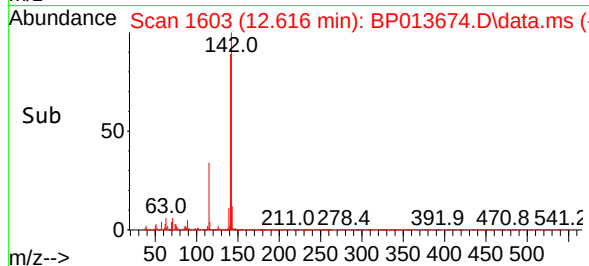
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:142 Resp: 2021923
Ion Ratio Lower Upper
142 100
141 89.1 70.3 105.5
115 34.2 26.4 39.6

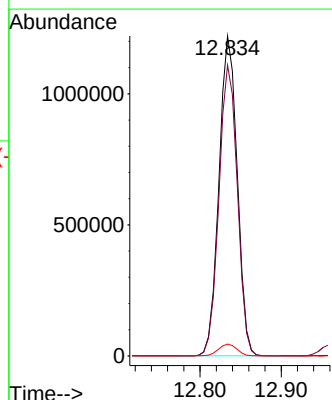
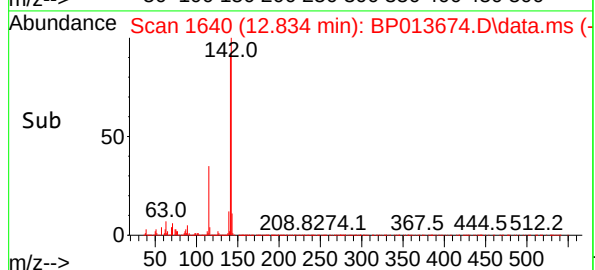
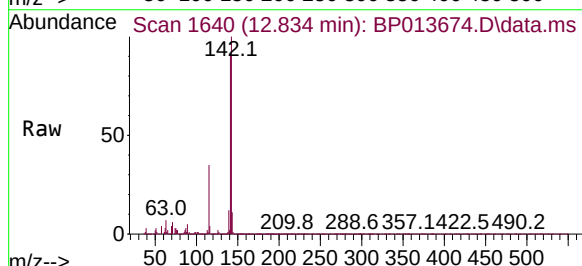
Manual Integrations
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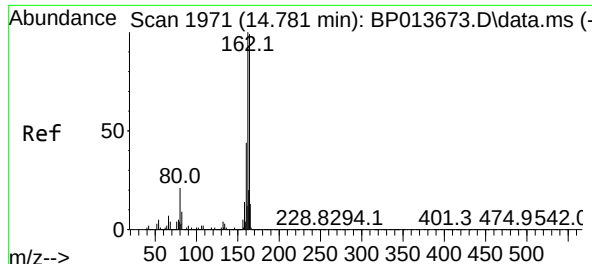
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#38
1-Methylnaphthalene
Concen: 52.190 ng
RT: 12.834 min Scan# 1640
Delta R.T. 0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

Tgt Ion:142 Resp: 1902398
Ion Ratio Lower Upper
142 100
141 90.8 72.2 108.4
116 3.7 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.781 min Scan# 1971

Delta R.T. 0.000 min

Lab File: BP013674.D

Acq: 31 Jan 2023 14:12

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:164 Resp: 680781

Ion Ratio Lower Upper

164 100

162 101.9 80.8 121.2

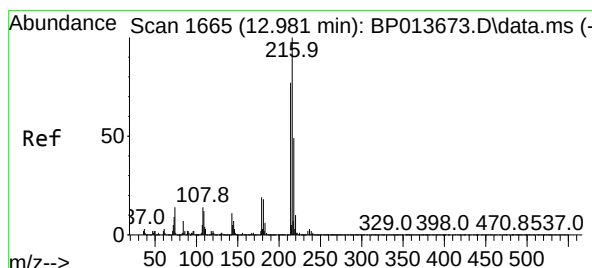
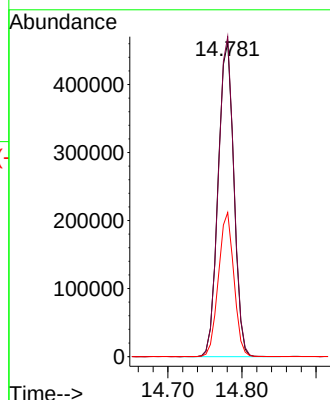
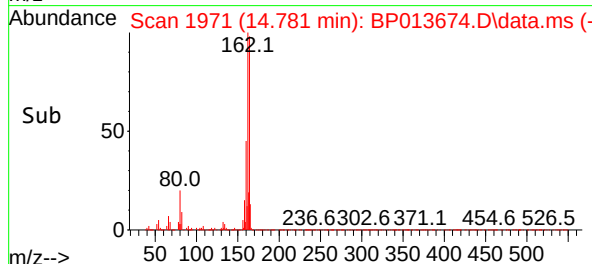
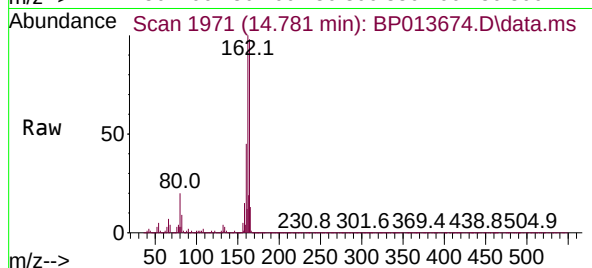
160 45.9 35.6 53.4

Manual Integrations

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Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.425 ng

RT: 12.981 min Scan# 1665

Delta R.T. -0.000 min

Lab File: BP013674.D

Acq: 31 Jan 2023 14:12

Tgt Ion:216 Resp: 1195218

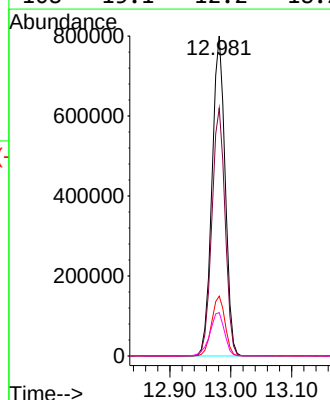
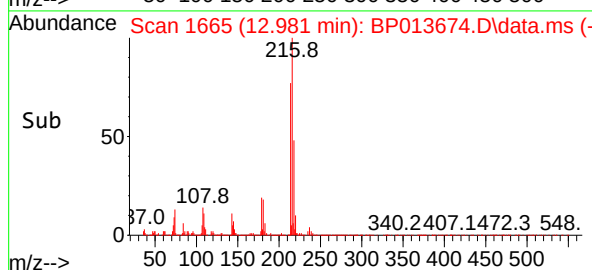
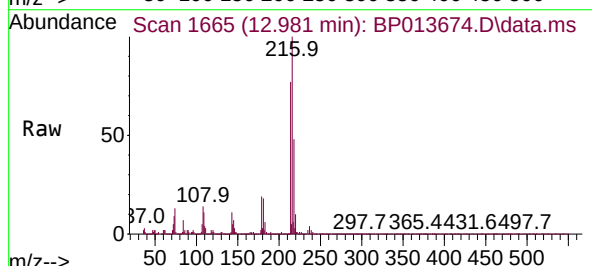
Ion Ratio Lower Upper

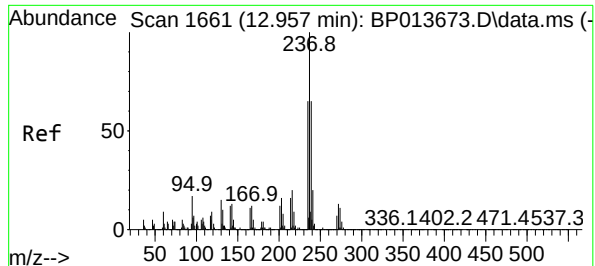
216 100

214 78.0 62.6 94.0

179 19.0 15.2 22.8

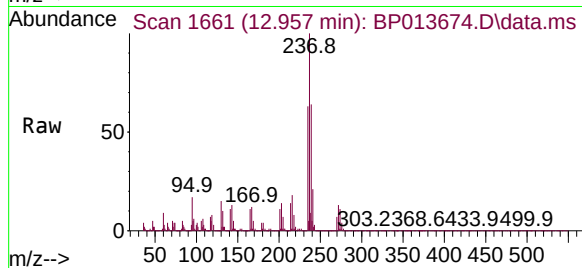
108 15.1 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 53.749 ng
RT: 12.957 min Scan# 1661
Delta R.T. 0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

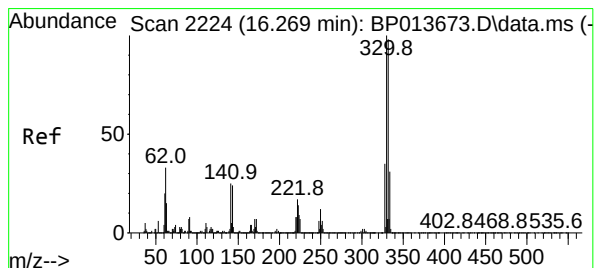
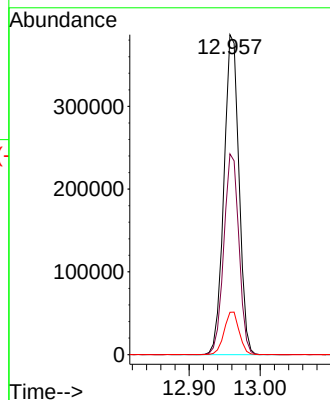
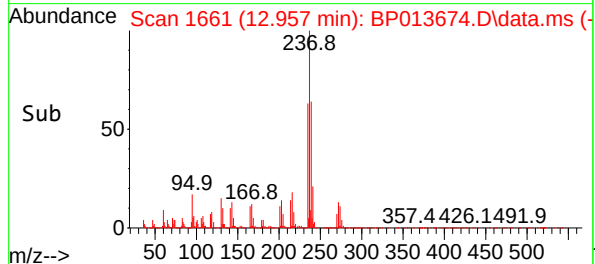
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 237 Resp: 570184
Ion Ratio Lower Upper
237 100
235 62.8 44.6 84.6
272 13.3 0.0 33.2

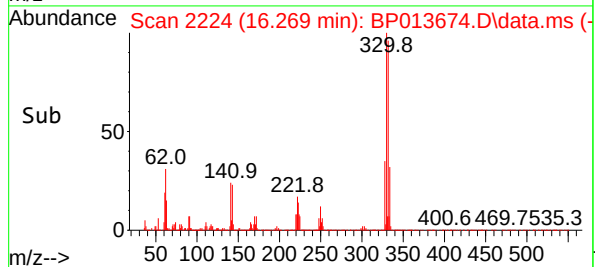
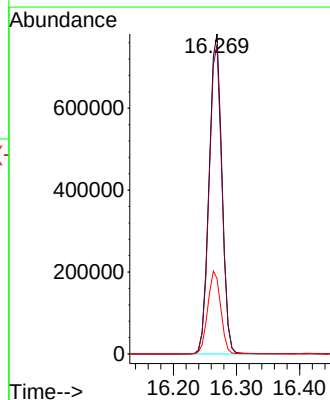
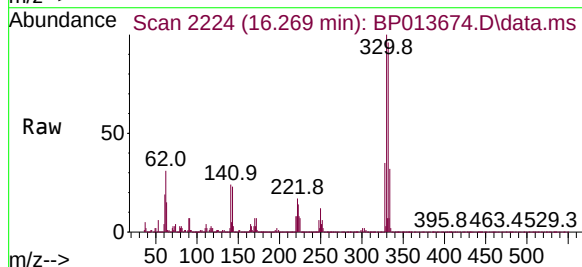
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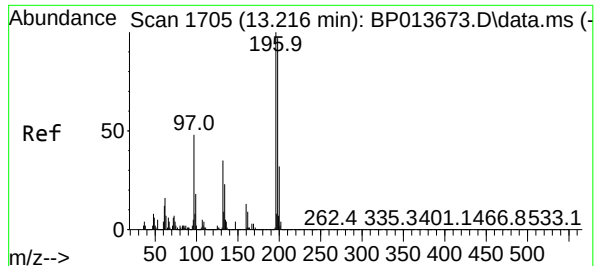
Reviewed By : Christian Giraldo 02/01/2023
Supervised By : Jagrut Upadhyay 02/01/2023



#42
2,4,6-Tribromophenol
Concen: 107.548 ng
RT: 16.269 min Scan# 2224
Delta R.T. -0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

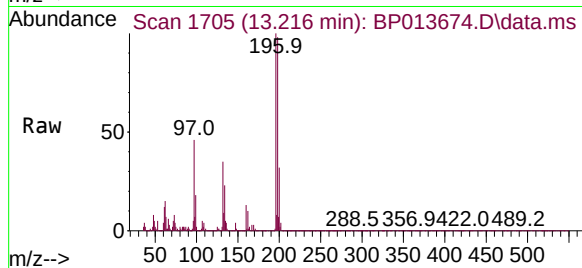
Tgt Ion: 330 Resp: 1098171
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.2
141 26.1 21.3 31.9





#43
2,4,6-Trichlorophenol
Concen: 53.169 ng
RT: 13.216 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

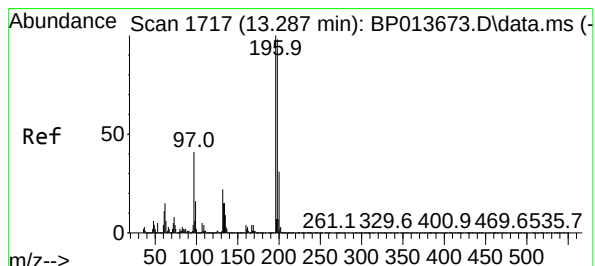
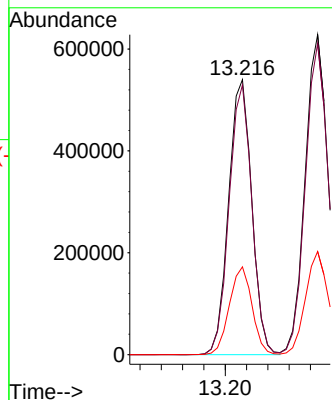
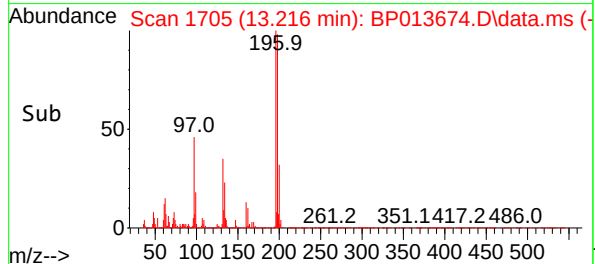
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:196 Resp: 813719
Ion Ratio Lower Upper
196 100
198 98.1 77.5 116.3
200 31.9 25.3 37.9

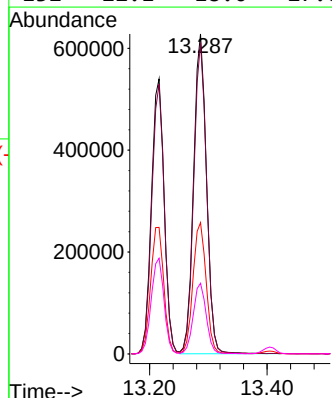
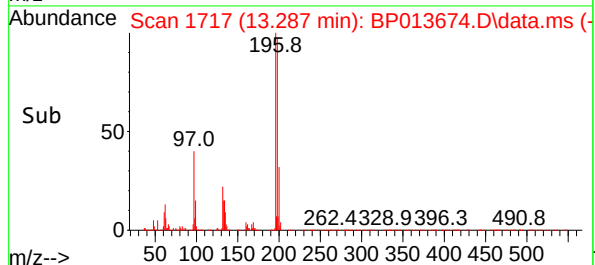
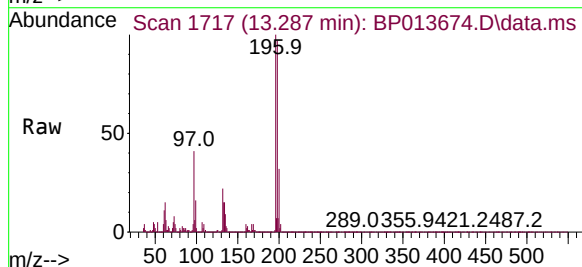
Manual Integrations
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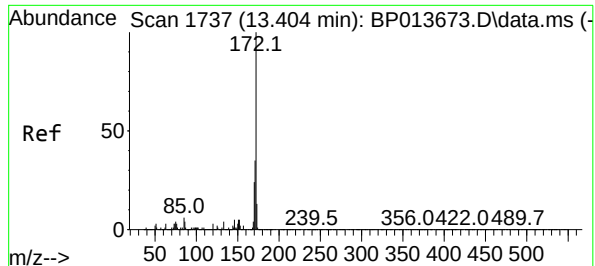
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#44
2,4,5-Trichlorophenol
Concen: 53.400 ng
RT: 13.287 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

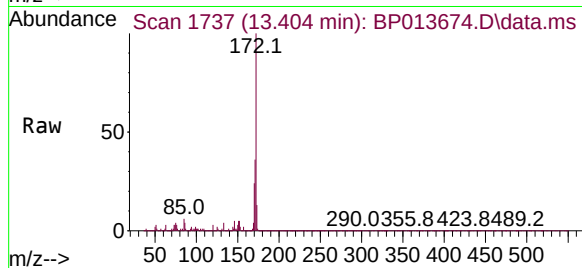
Tgt Ion:196 Resp: 956875
Ion Ratio Lower Upper
196 100
198 97.3 78.2 117.2
97 41.0 33.2 49.8
132 22.1 18.0 27.0





#45
2-Fluorobiphenyl
Concen: 100.589 ng
RT: 13.404 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

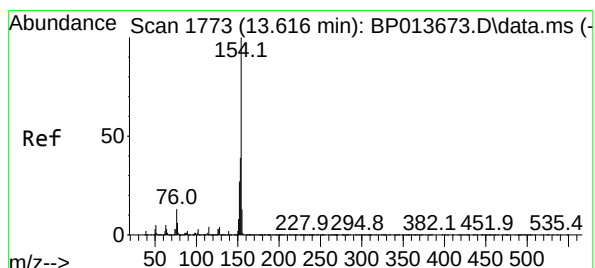
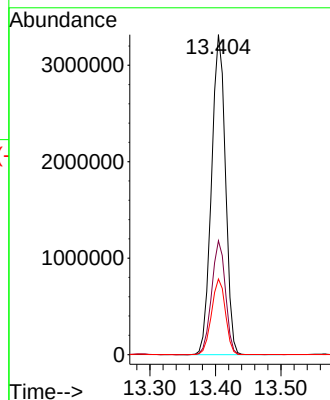
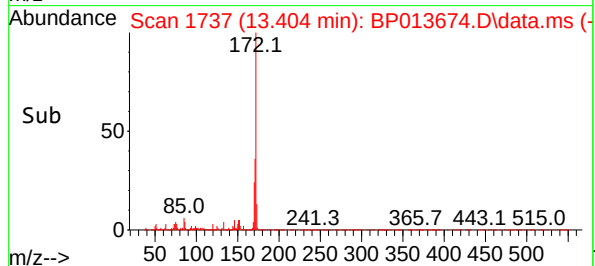
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



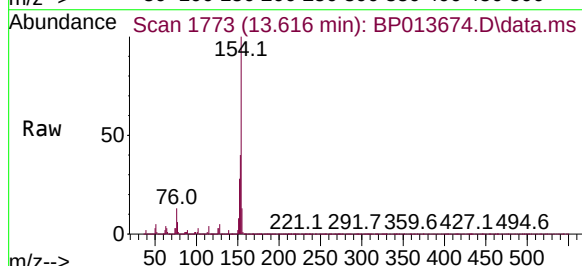
Tgt Ion:172 Resp: 4893896
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 23.6 19.0 28.4

Manual Integrations
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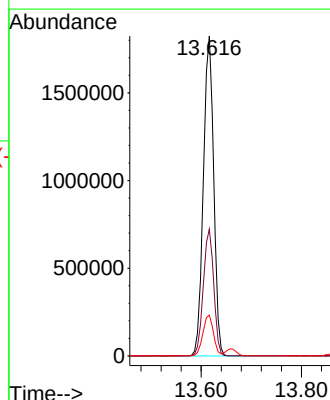
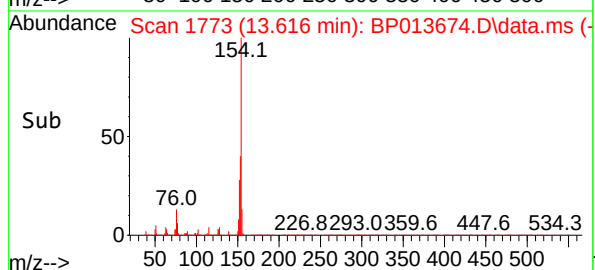
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

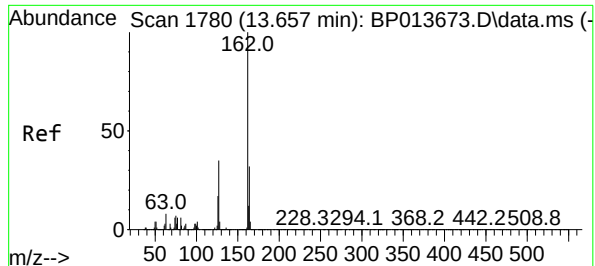


#46
1,1'-Biphenyl
Concen: 50.723 ng
RT: 13.616 min Scan# 1773
Delta R.T. 0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12



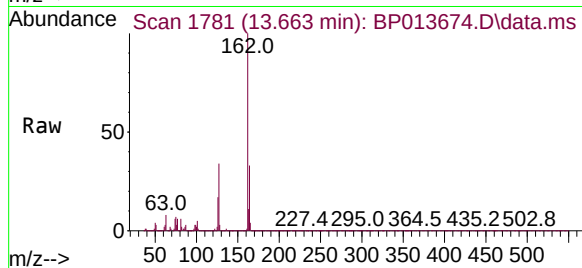
Tgt Ion:154 Resp: 2613104
Ion Ratio Lower Upper
154 100
153 39.6 19.3 59.3
76 12.7 0.0 33.1





#47
2-Chloronaphthalene
Concen: 50.758 ng
RT: 13.663 min Scan# 1781
Delta R.T. 0.006 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

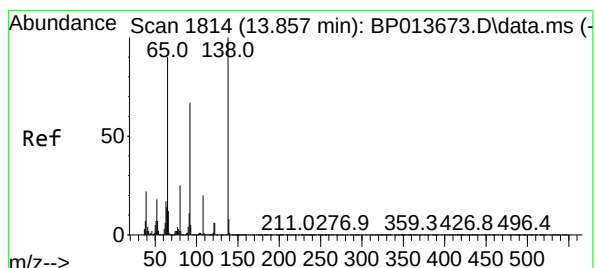
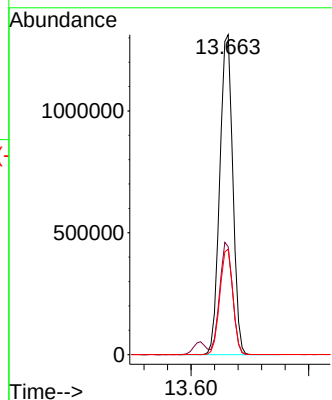
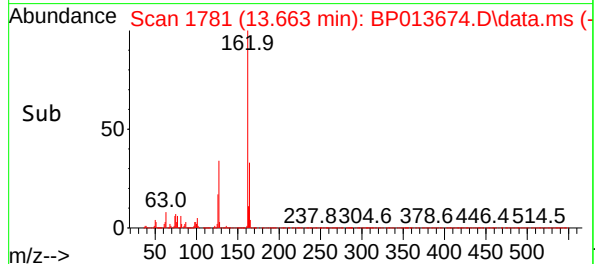
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 162 Resp: 2021259
Ion Ratio Lower Upper
162 100
127 33.7 28.3 42.5
164 32.9 25.9 38.9

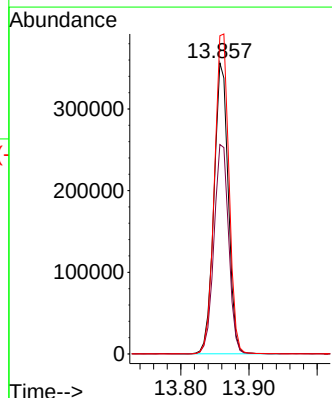
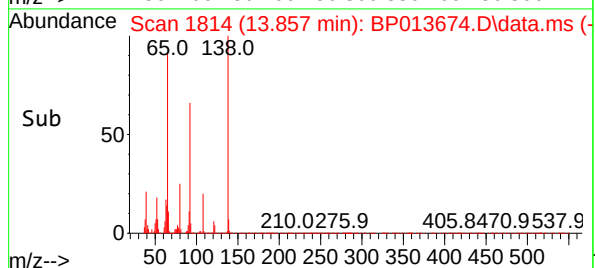
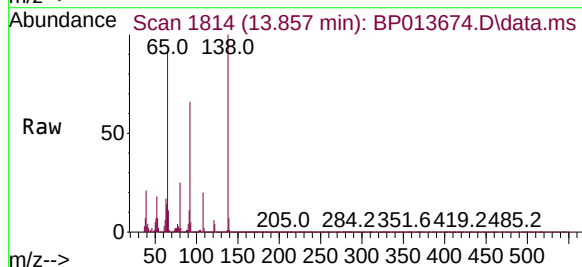
Manual Integrations
APPROVED

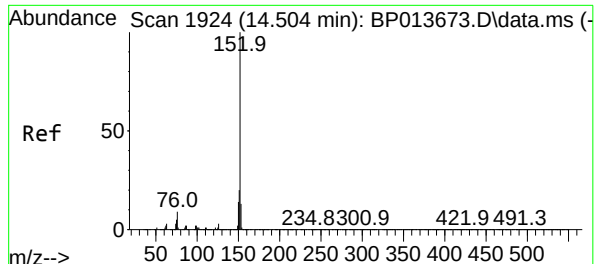
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#48
2-Nitroaniline
Concen: 60.660 ng
RT: 13.857 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

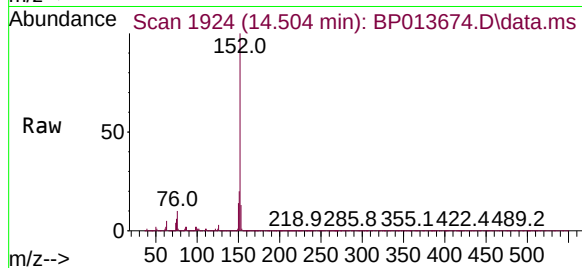
Tgt Ion: 65 Resp: 516160
Ion Ratio Lower Upper
65 100
92 72.0 59.4 89.0
138 109.4 88.6 133.0





#49
Acenaphthylene
Concen: 51.354 ng
RT: 14.504 min Scan# 1924
Delta R.T. 0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

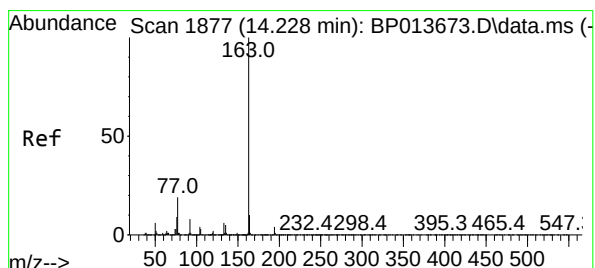
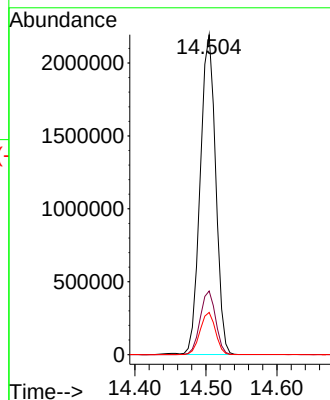
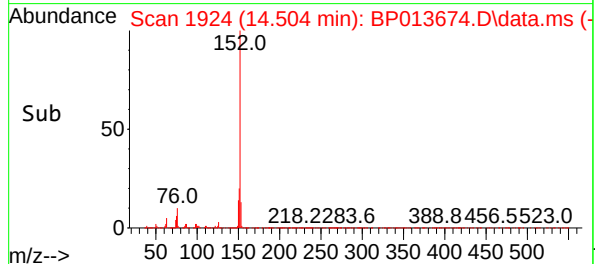
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



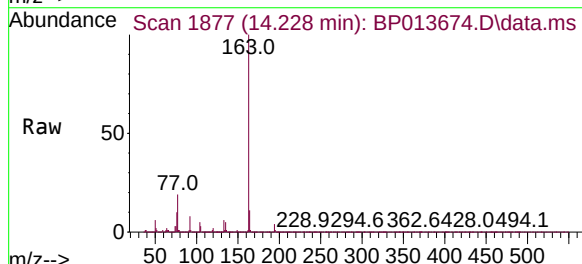
Tgt Ion:152 Resp: 3297836
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.6
153 13.2 10.4 15.6

Manual Integrations
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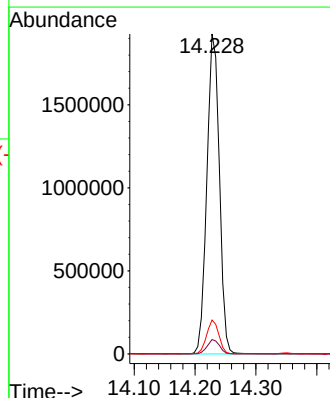
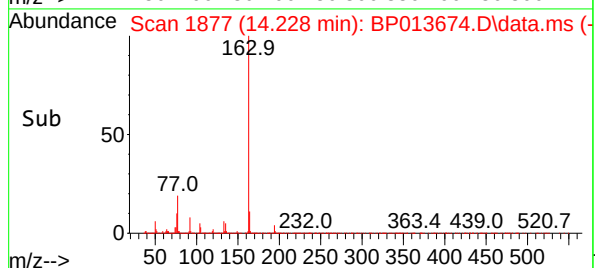
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

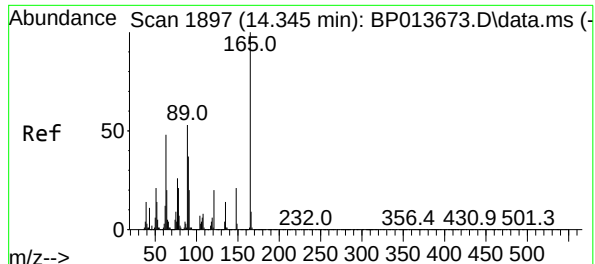


#50
Dimethylphthalate
Concen: 51.994 ng
RT: 14.228 min Scan# 1877
Delta R.T. 0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12



Tgt Ion:163 Resp: 2737836
Ion Ratio Lower Upper
163 100
194 4.5 3.5 5.3
164 10.6 8.4 12.6





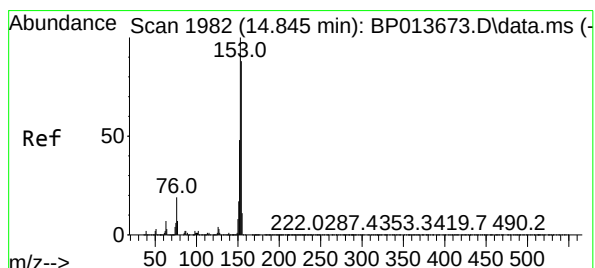
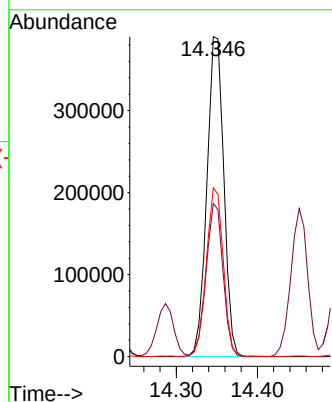
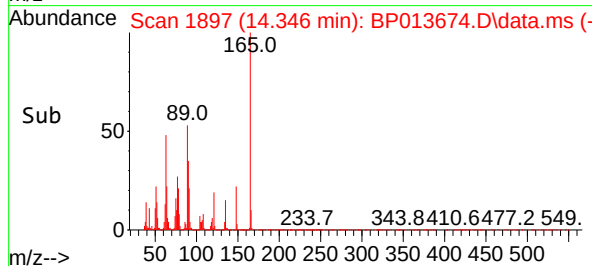
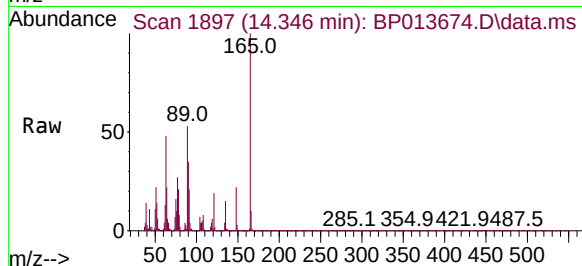
#51
2,6-Dinitrotoluene
Concen: 60.102 ng
RT: 14.346 min Scan# 1897
Delta R.T. 0.001 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 565632
Ion Ratio Lower Upper
165 100
63 47.9 39.8 59.6
89 52.7 42.4 63.6

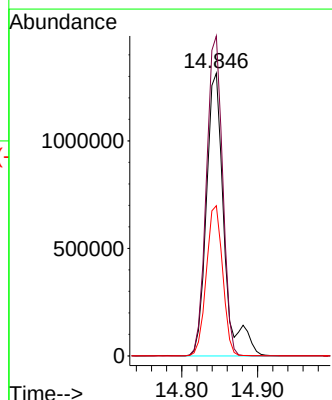
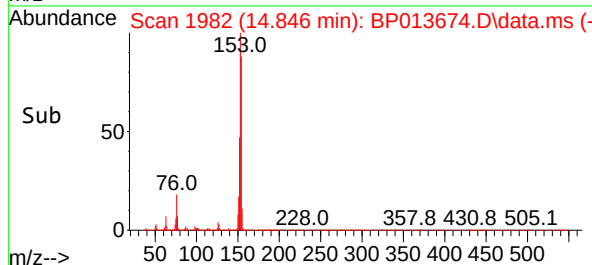
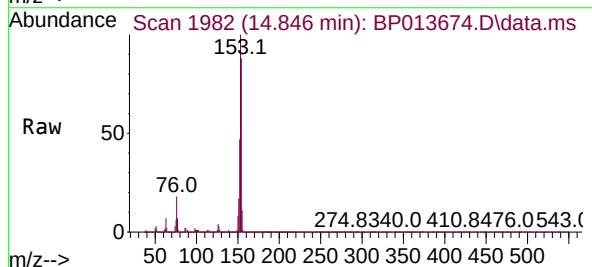
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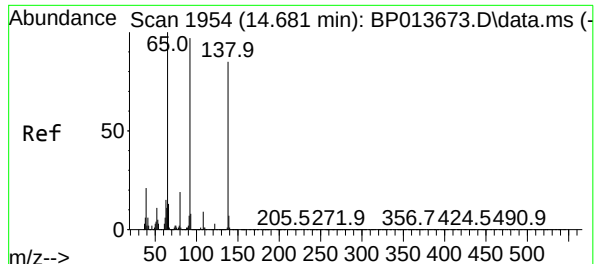
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#52
Acenaphthene
Concen: 52.938 ng m
RT: 14.846 min Scan# 1982
Delta R.T. 0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

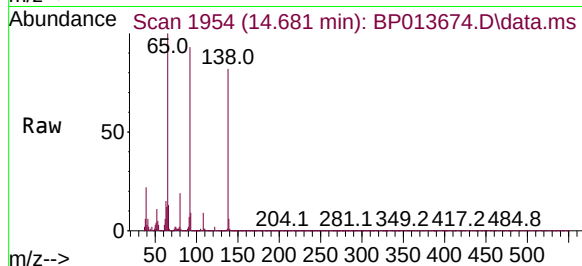
Tgt Ion:154 Resp: 2120453
Ion Ratio Lower Upper
154 100
153 113.2 90.6 135.8
152 53.1 43.4 65.0





#53
3-Nitroaniline
Concen: 58.395 ng
RT: 14.681 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

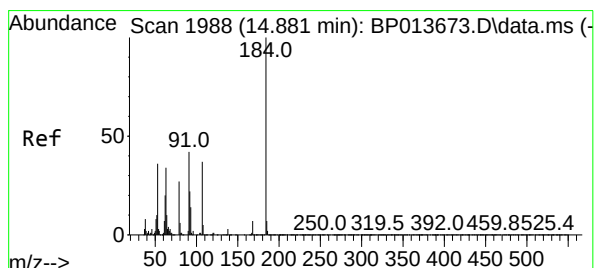
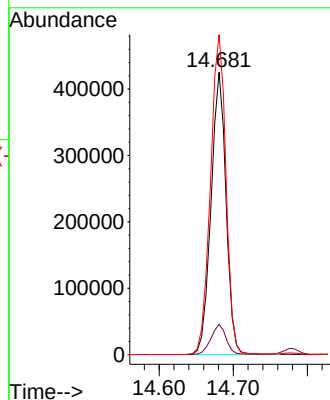
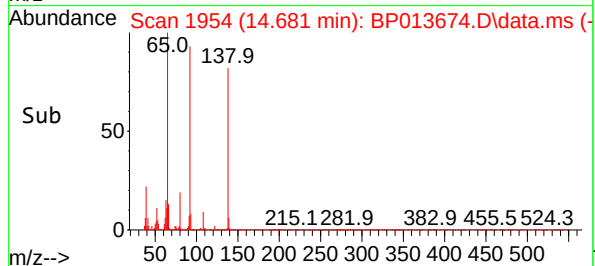
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:138 Resp: 599344
Ion Ratio Lower Upper
138 100
108 10.7 8.5 12.7
92 113.3 91.5 137.3

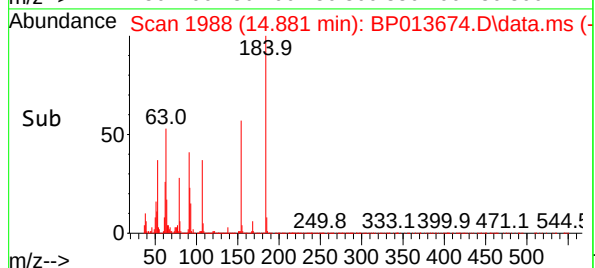
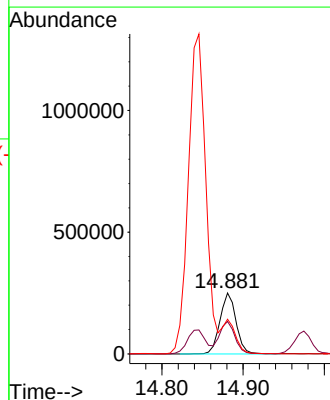
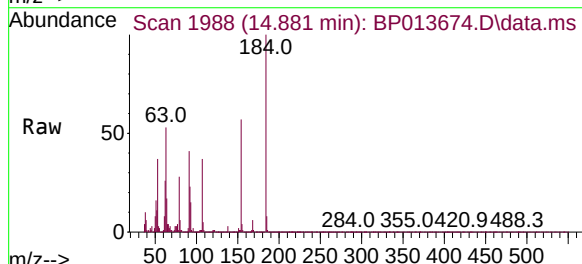
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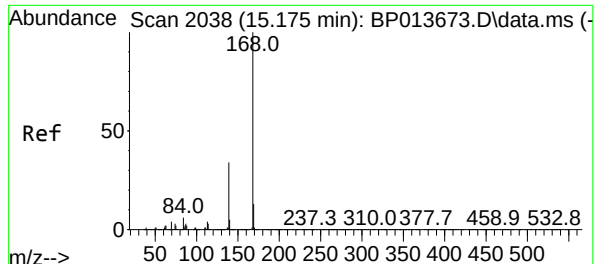
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#54
2,4-Dinitrophenol
Concen: 59.703 ng
RT: 14.881 min Scan# 1988
Delta R.T. -0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

Tgt Ion:184 Resp: 341966
Ion Ratio Lower Upper
184 100
63 53.2 41.4 62.0
154 56.9 44.3 66.5





#55

Dibenzenofuran

Concen: 50.669 ng

RT: 15.175 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BP013674.D

Acq: 31 Jan 2023 14:12

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:168 Resp: 3278450

Ion Ratio Lower Upper

168 100

139 34.1 27.4 41.2

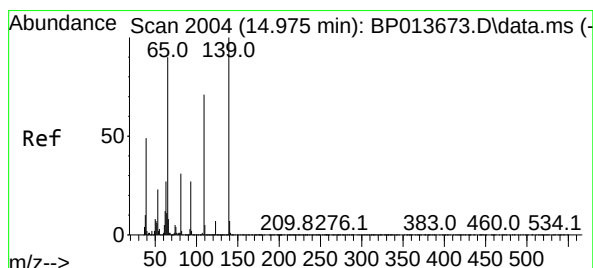
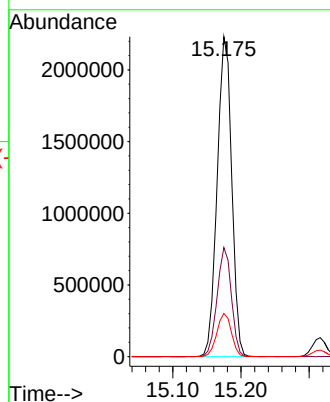
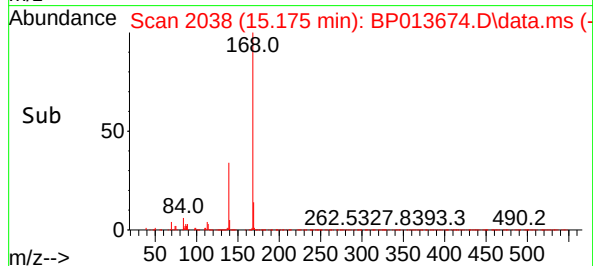
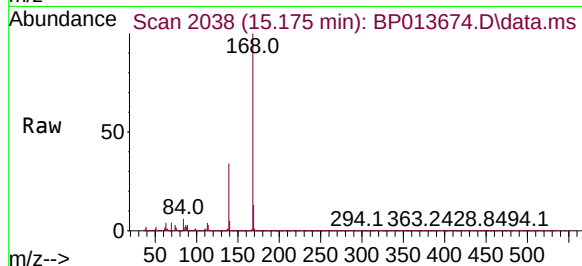
169 13.5 10.7 16.1

Manual Integrations

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Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#56

4-Nitrophenol

Concen: 55.894 ng

RT: 14.975 min Scan# 2004

Delta R.T. -0.000 min

Lab File: BP013674.D

Acq: 31 Jan 2023 14:12

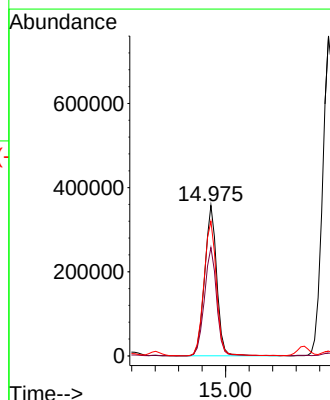
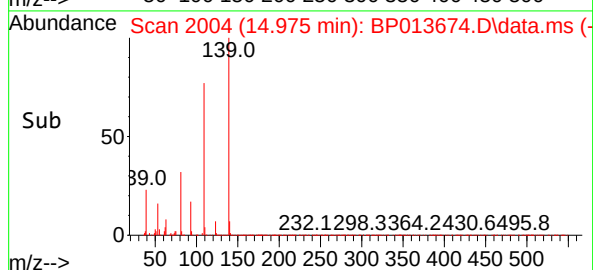
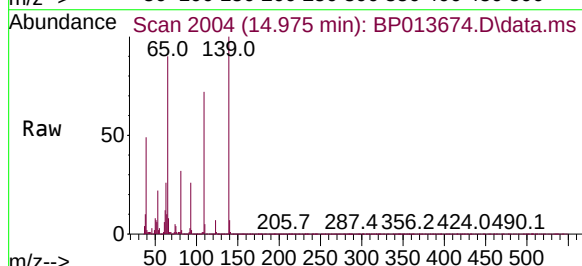
Tgt Ion:139 Resp: 510298

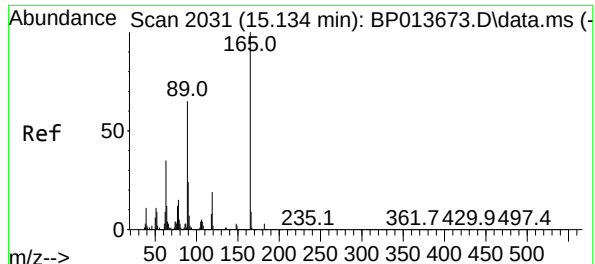
Ion Ratio Lower Upper

139 100

109 72.1 50.9 90.9

65 89.5 70.0 110.0





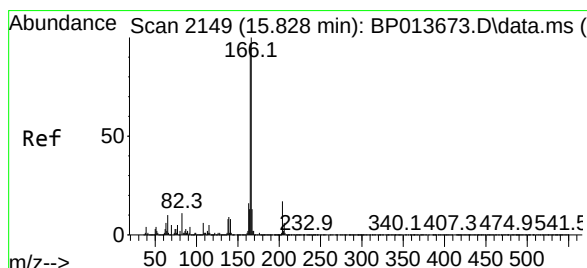
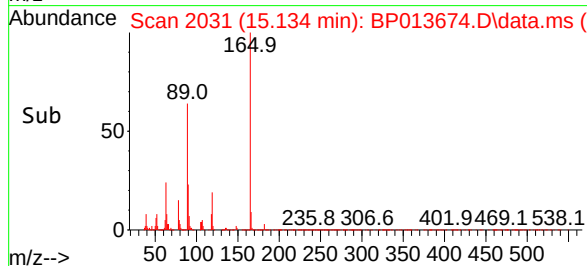
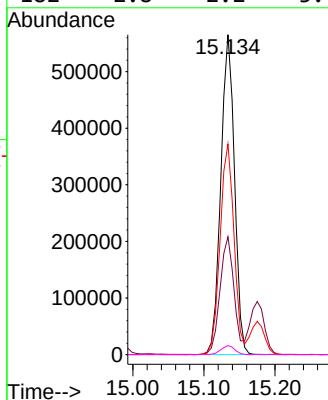
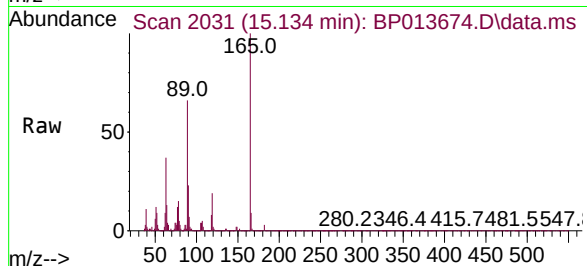
#57
2,4-Dinitrotoluene
Concen: 61.402 ng
RT: 15.134 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 758342
Ion Ratio Lower Upper
165 100
63 36.8 28.1 42.1
89 65.8 52.0 78.0
182 2.8 2.2 3.4

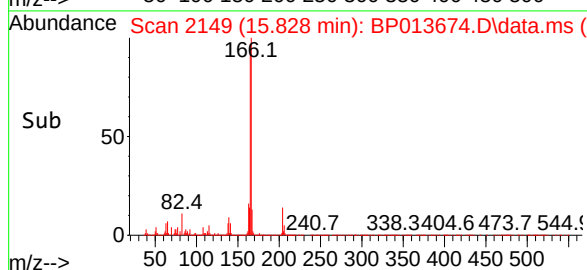
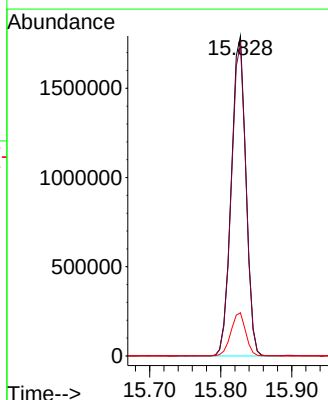
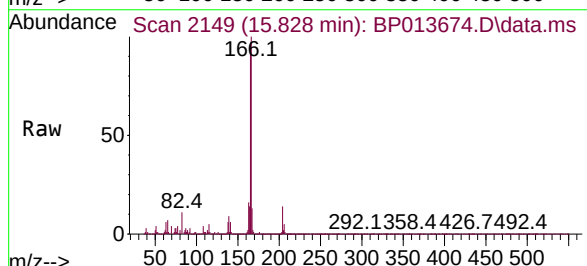
Manual Integrations
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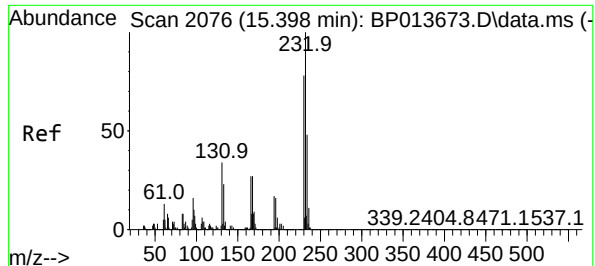
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#58
Fluorene
Concen: 50.442 ng
RT: 15.828 min Scan# 2149
Delta R.T. -0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

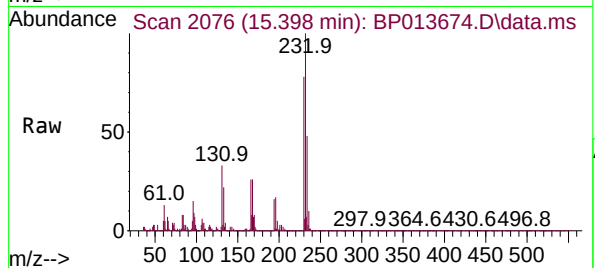
Tgt Ion:166 Resp: 2562458
Ion Ratio Lower Upper
166 100
165 97.4 77.6 116.4
167 13.5 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.378 ng
RT: 15.398 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

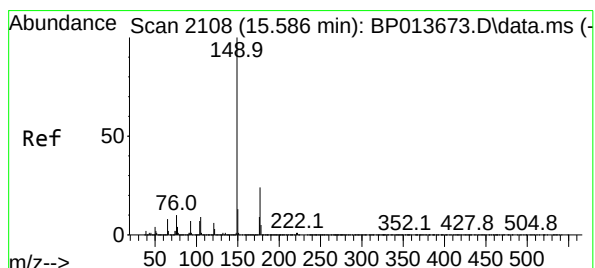
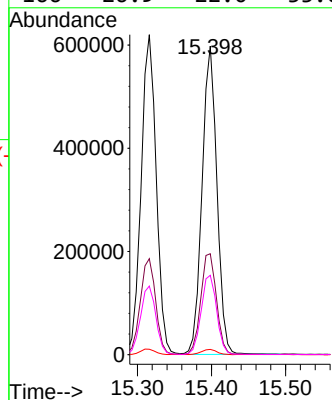
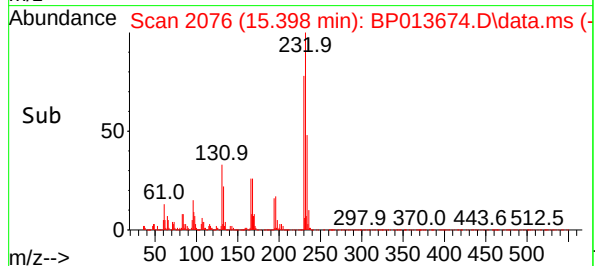
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:232 Resp: 831714
Ion Ratio Lower Upper
232 100
131 34.6 27.9 41.9
130 1.7 1.4 2.0
166 26.9 22.0 33.0

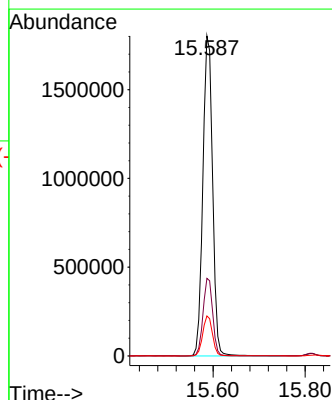
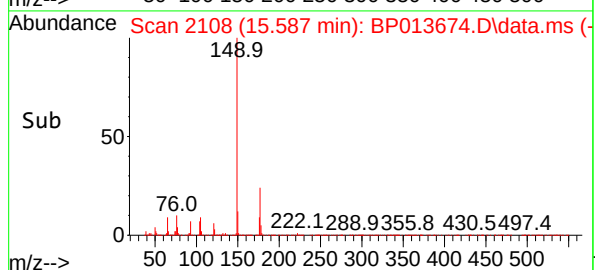
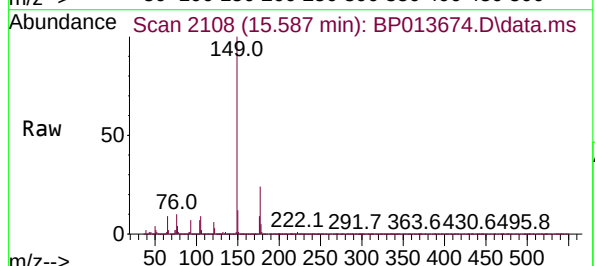
Manual Integrations
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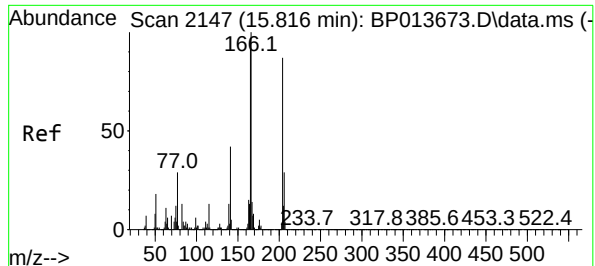
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#60
Diethylphthalate
Concen: 52.054 ng
RT: 15.587 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

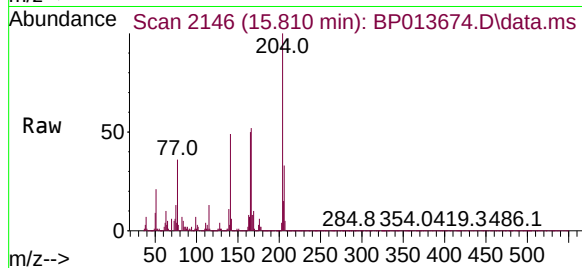
Tgt Ion:149 Resp: 2627662
Ion Ratio Lower Upper
149 100
177 24.2 19.2 28.8
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 51.142 ng
RT: 15.810 min Scan# 2147
Delta R.T. -0.006 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

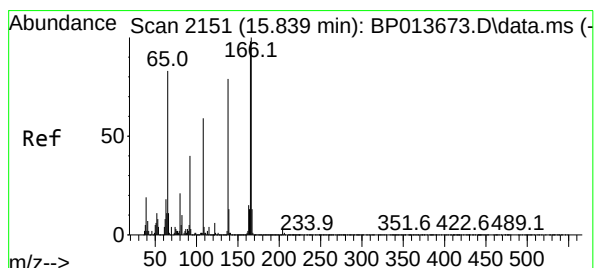
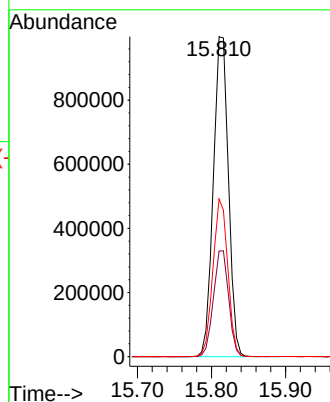
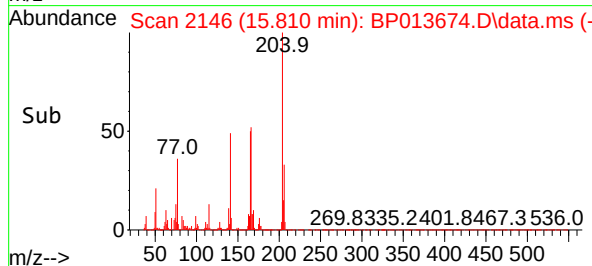
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:204 Resp: 1414765
Ion Ratio Lower Upper
204 100
206 33.0 26.6 40.0
141 49.3 38.1 57.1

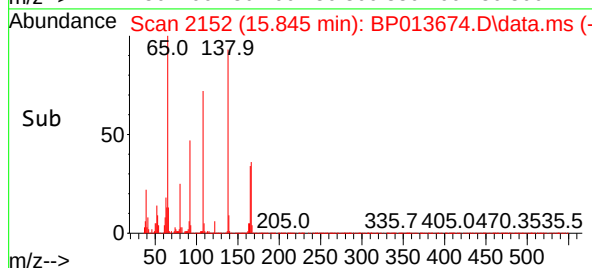
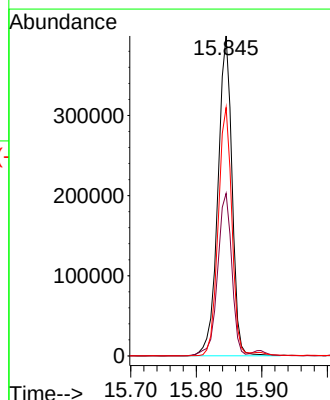
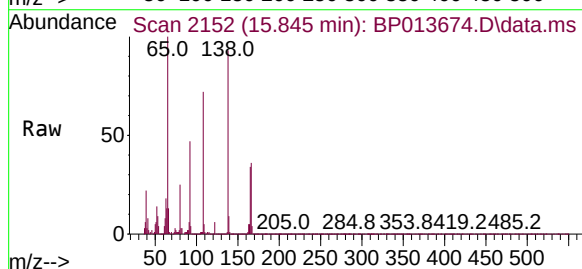
Manual Integrations
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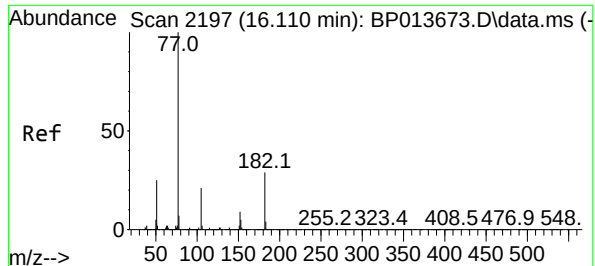
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#62
4-Nitroaniline
Concen: 58.856 ng
RT: 15.845 min Scan# 2152
Delta R.T. 0.006 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

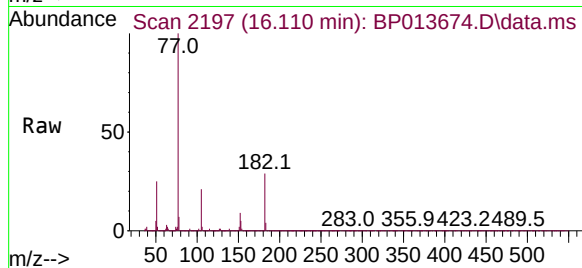
Tgt Ion:138 Resp: 599897
Ion Ratio Lower Upper
138 100
92 50.8 30.3 70.3
108 77.6 55.4 95.4





#63
Azobenzene
Concen: 51.872 ng
RT: 16.110 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

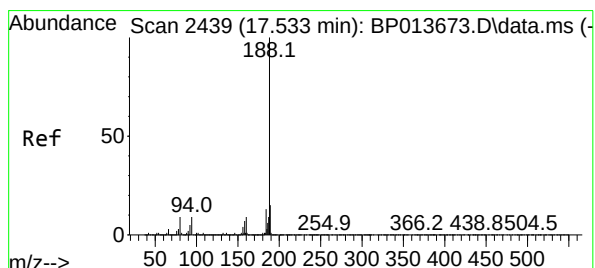
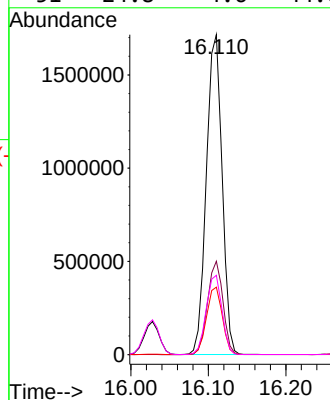
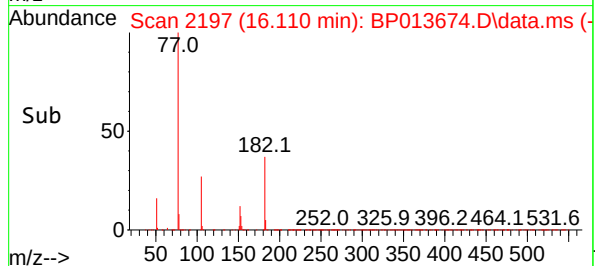
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



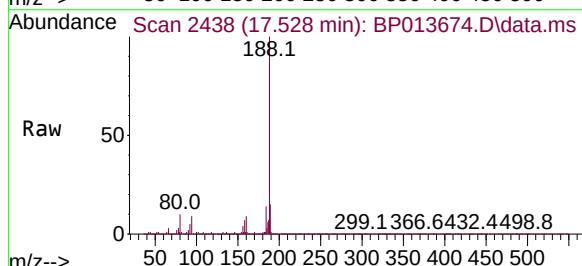
Tgt Ion: 77 Resp: 2418862
Ion Ratio Lower Upper
77 100
182 29.2 9.3 49.3
105 21.1 1.1 41.1
51 24.8 4.6 44.6

Manual Integrations
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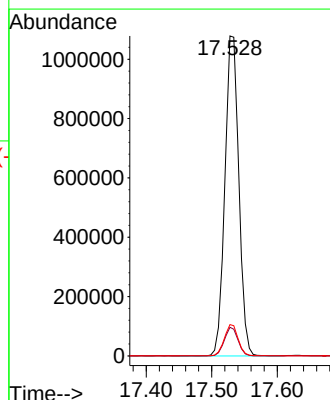
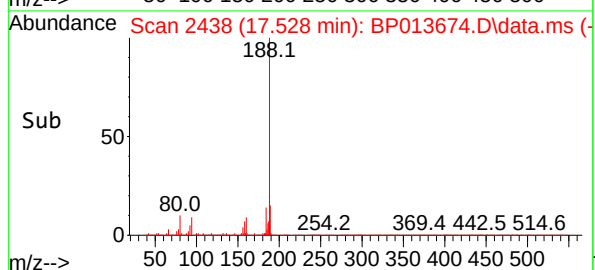
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

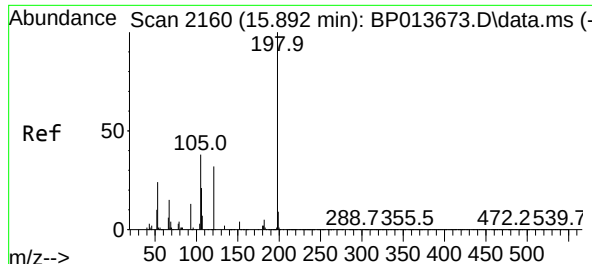


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.528 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12



Tgt Ion:188 Resp: 1595373
Ion Ratio Lower Upper
188 100
94 8.9 6.9 10.3
80 9.8 7.4 11.0





#65

4,6-Dinitro-2-methylphenol

Concen: 57.504 ng

RT: 15.898 min Scan# 2160

Delta R.T. 0.006 min

Lab File: BP013674.D

Acq: 31 Jan 2023 14:12

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:198 Resp: 478118

Ion Ratio Lower Upper

198 100

51 32.4 15.4 55.4

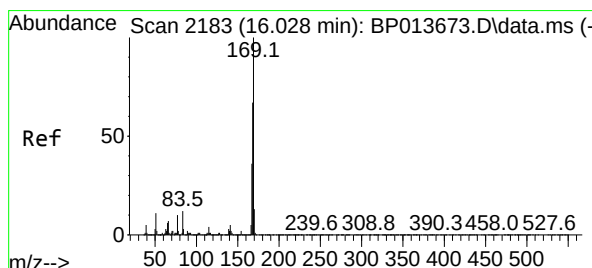
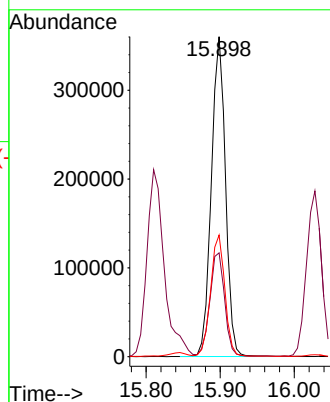
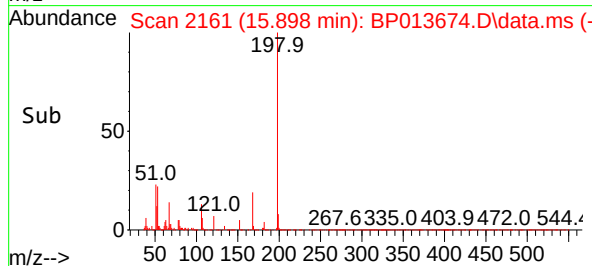
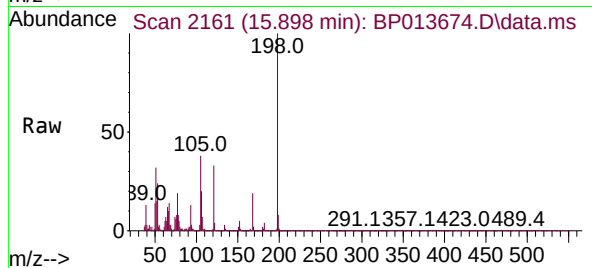
105 38.0 18.3 58.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#66

n-Nitrosodiphenylamine

Concen: 49.961 ng

RT: 16.028 min Scan# 2183

Delta R.T. 0.000 min

Lab File: BP013674.D

Acq: 31 Jan 2023 14:12

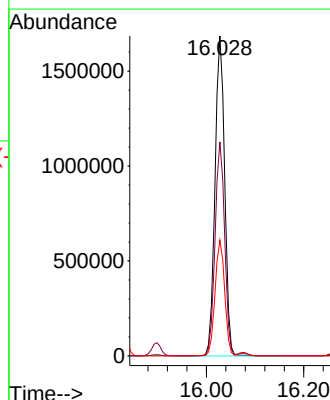
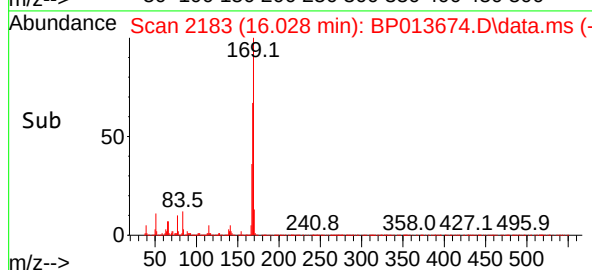
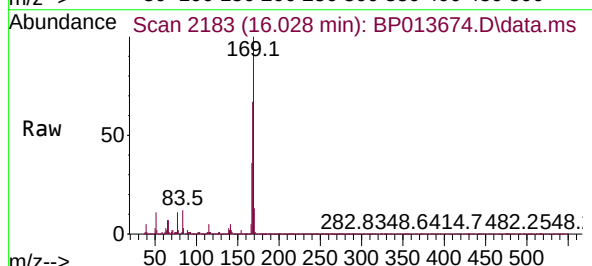
Tgt Ion:169 Resp: 2319177

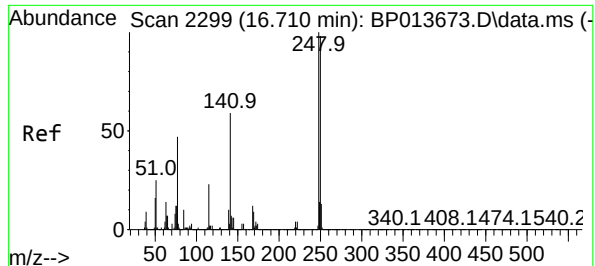
Ion Ratio Lower Upper

169 100

168 66.9 53.8 80.6

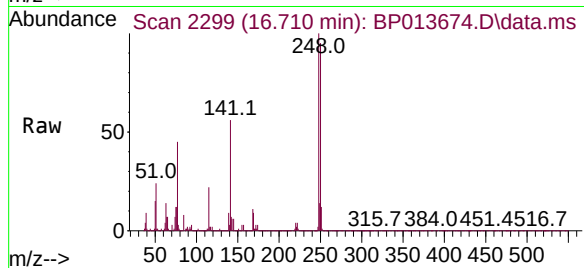
167 36.2 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 51.897 ng
RT: 16.710 min Scan# 2299
Delta R.T. 0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

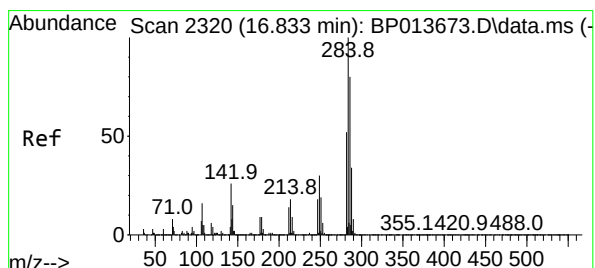
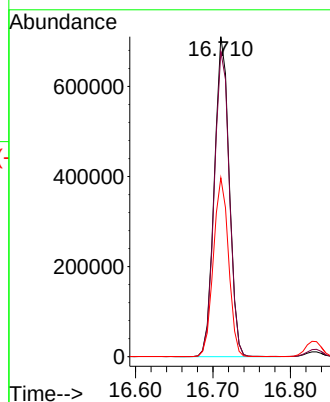
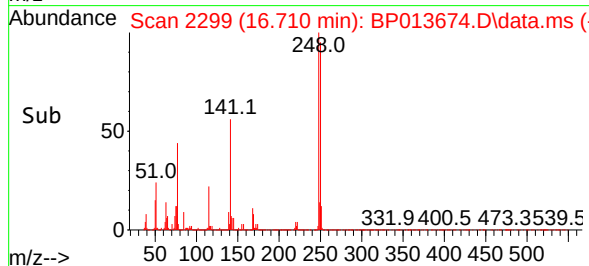
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:248 Resp: 949098
Ion Ratio Lower Upper
248 100
250 95.3 78.2 117.2
141 55.9 46.8 70.2

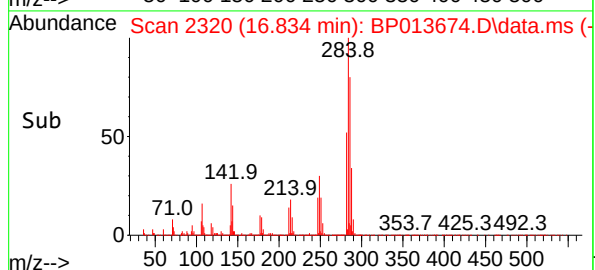
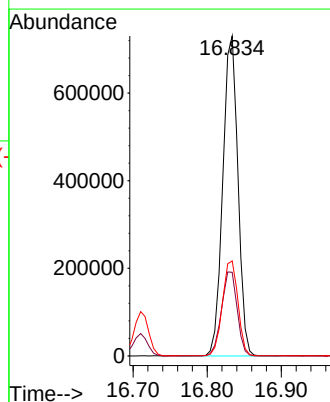
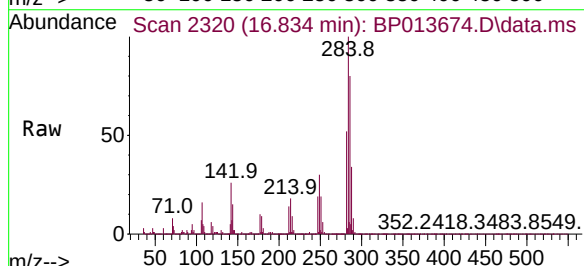
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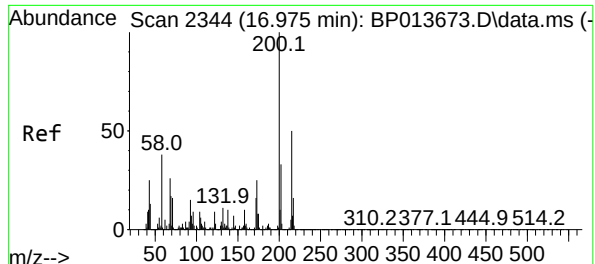
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#68
Hexachlorobenzene
Concen: 51.057 ng
RT: 16.834 min Scan# 2320
Delta R.T. 0.001 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

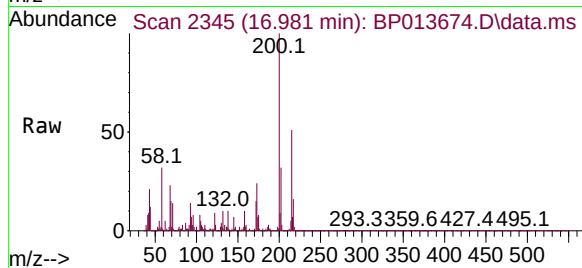
Tgt Ion:284 Resp: 1033964
Ion Ratio Lower Upper
284 100
142 26.1 20.6 31.0
249 29.7 23.9 35.9





#69
Atrazine
Concen: 51.200 ng
RT: 16.981 min Scan# 2345
Delta R.T. 0.006 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

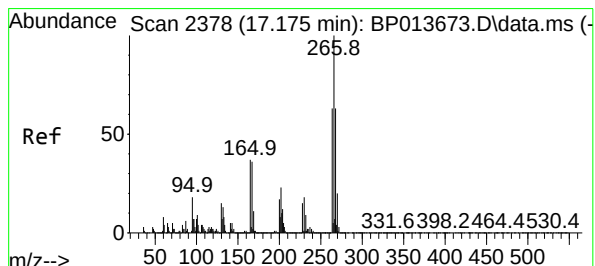
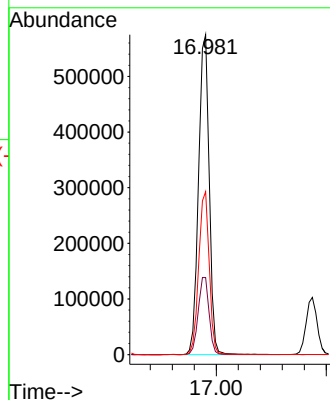
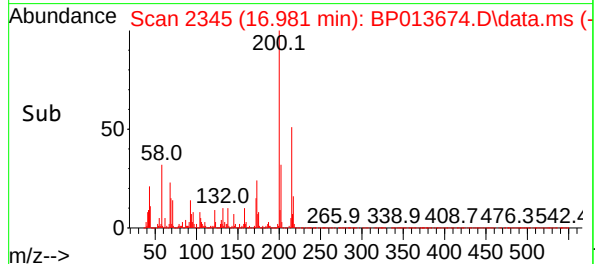
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:200 Resp: 773369
Ion Ratio Lower Upper
200 100
173 24.1 5.2 45.2
215 50.9 29.8 69.8

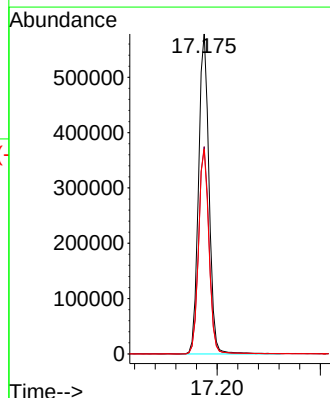
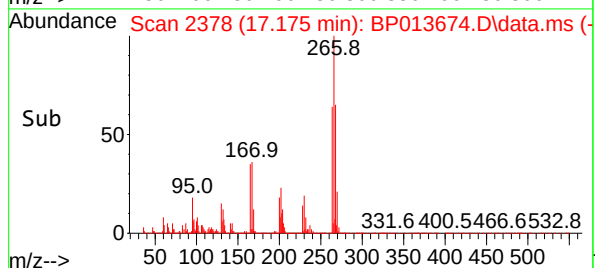
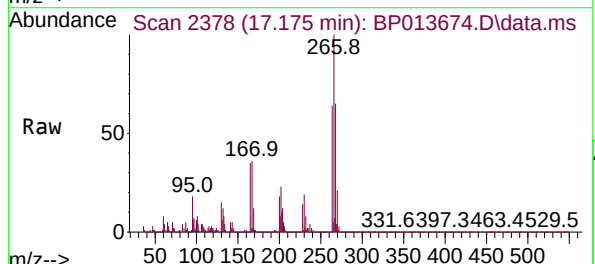
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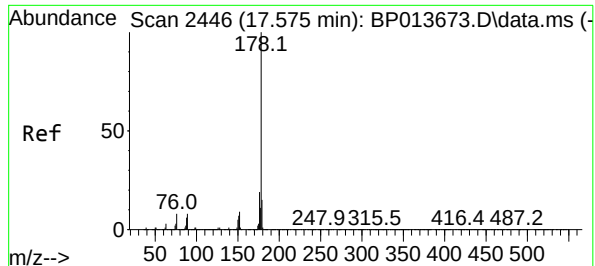
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#70
Pentachlorophenol
Concen: 54.284 ng
RT: 17.175 min Scan# 2378
Delta R.T. 0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

Tgt Ion:266 Resp: 810907
Ion Ratio Lower Upper
266 100
268 64.8 50.7 76.1
264 64.0 50.5 75.7





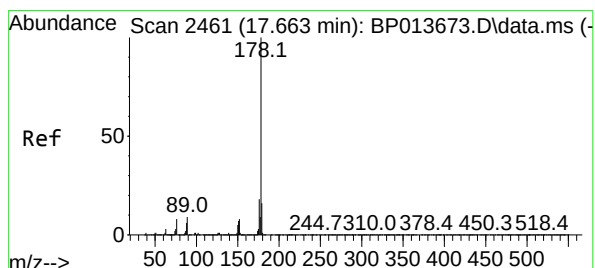
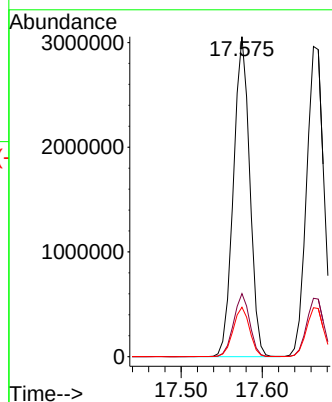
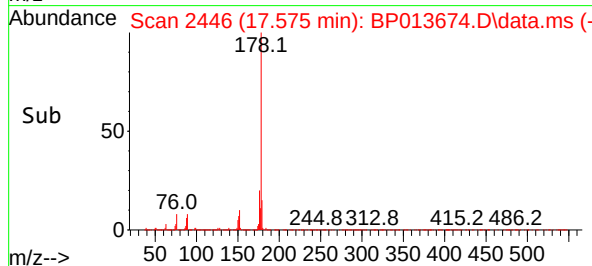
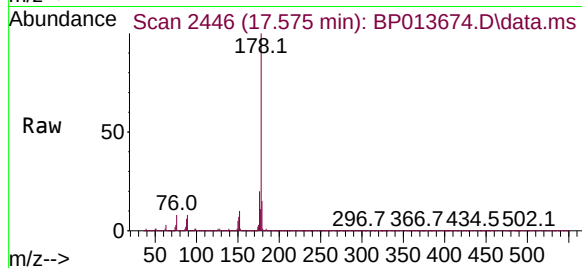
#71
Phenanthrene
Concen: 49.947 ng
RT: 17.575 min Scan# 2446
Delta R.T. 0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:178 Resp: 4271089
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 15.4 12.2 18.2

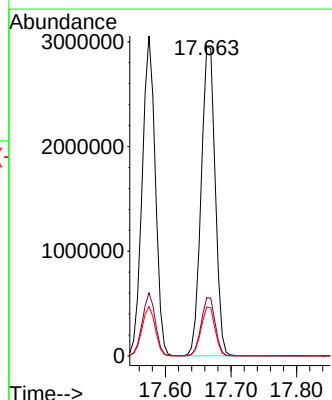
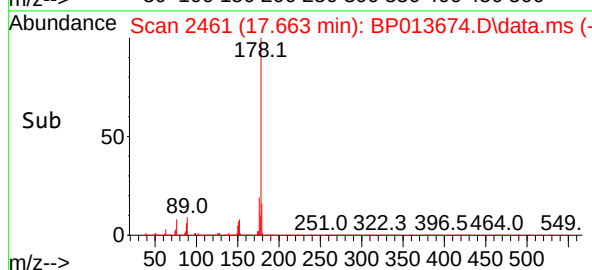
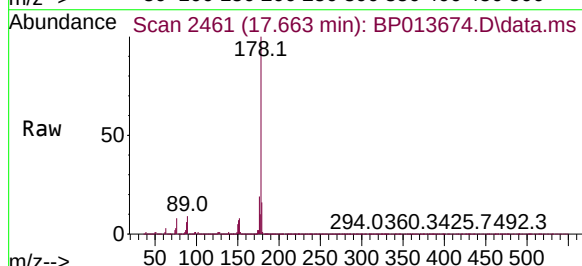
Manual Integrations
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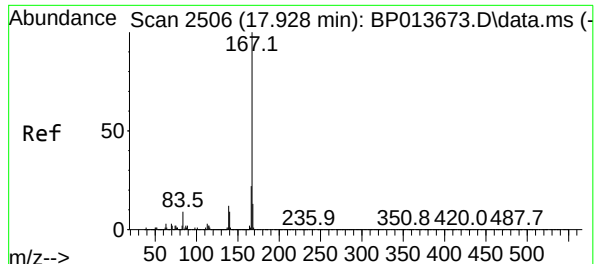
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#72
Anthracene
Concen: 50.607 ng
RT: 17.663 min Scan# 2461
Delta R.T. 0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

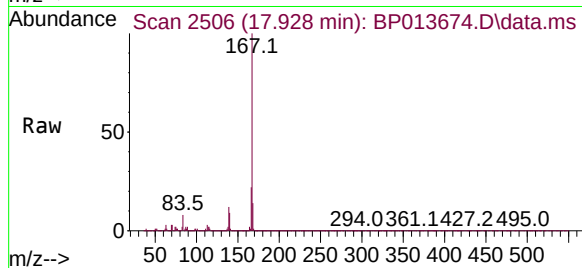
Tgt Ion:178 Resp: 4368916
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 15.7 12.4 18.6





#73
 Carbazole
 Concen: 50.549 ng
 RT: 17.928 min Scan# 2506
 Delta R.T. 0.000 min
 Lab File: BP013674.D
 Acq: 31 Jan 2023 14:12

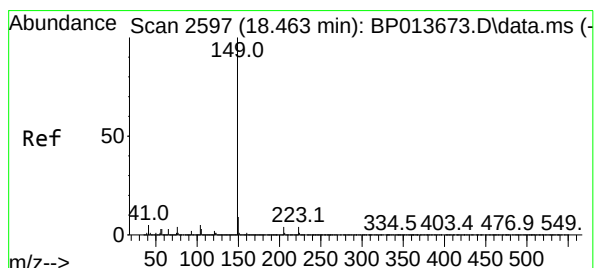
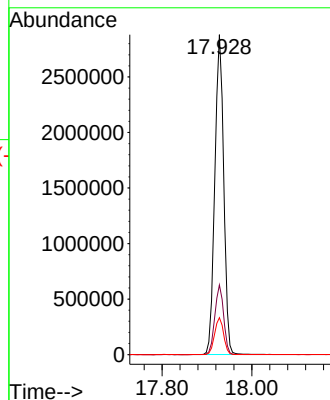
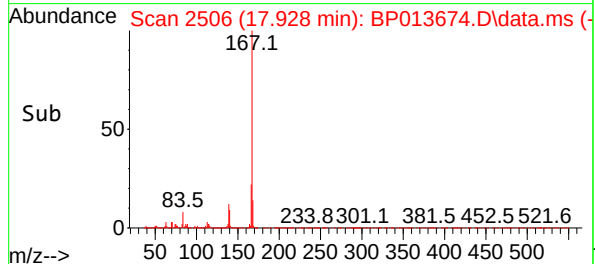
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050



Tgt Ion:167 Resp: 3962583
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 11.5 9.5 14.3

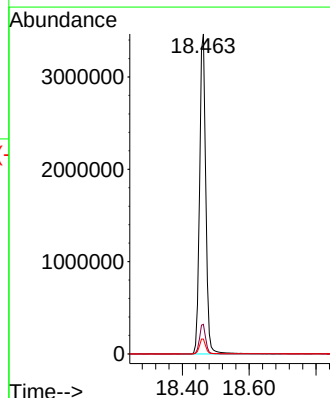
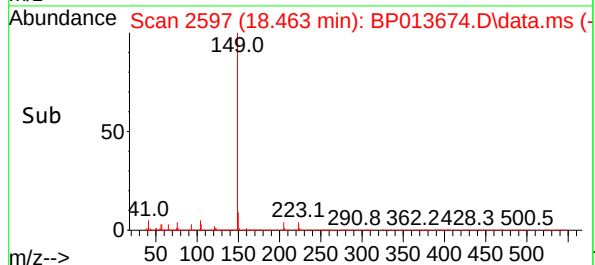
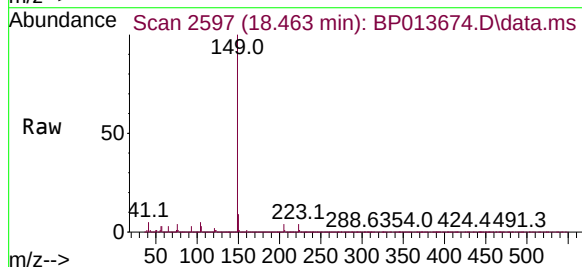
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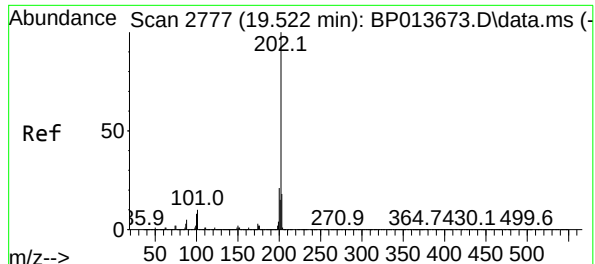
Reviewed By :Christian Giraldo 02/01/2023
 Supervised By :Jagrut Upadhyay 02/01/2023



#74
 Di-n-butylphthalate
 Concen: 51.914 ng
 RT: 18.463 min Scan# 2597
 Delta R.T. 0.000 min
 Lab File: BP013674.D
 Acq: 31 Jan 2023 14:12

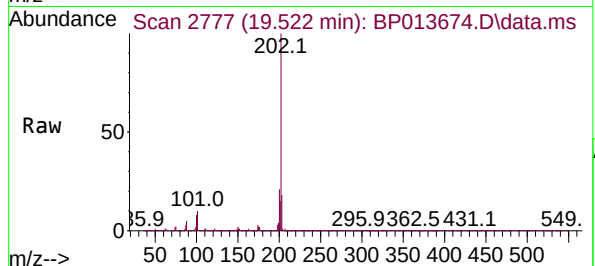
Tgt Ion:149 Resp: 4453352
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 4.6 3.8 5.6





#75
Fluoranthene
Concen: 50.798 ng
RT: 19.522 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

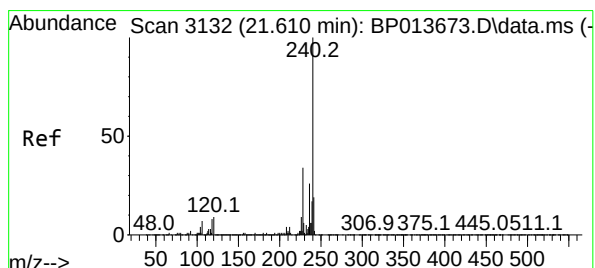
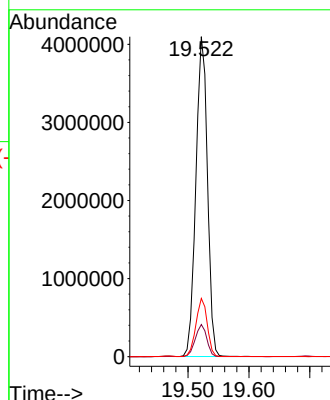
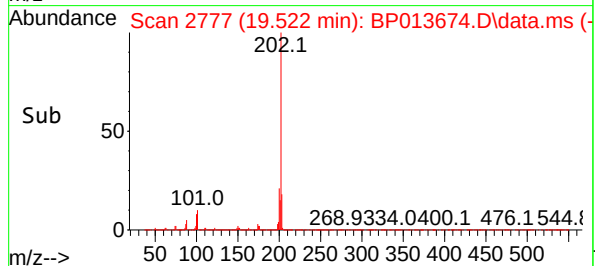
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:202 Resp: 540794
Ion Ratio Lower Upper
202 100
101 10.0 0.0 30.2
203 18.2 0.0 37.9

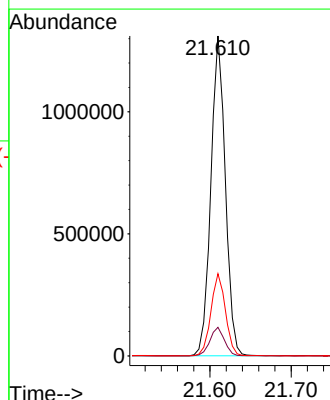
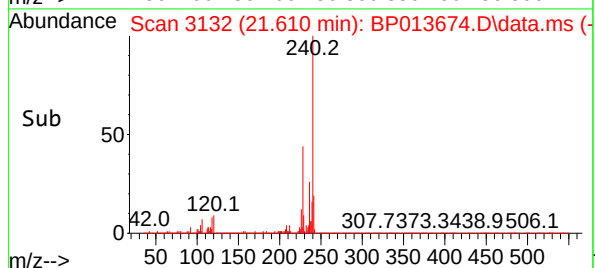
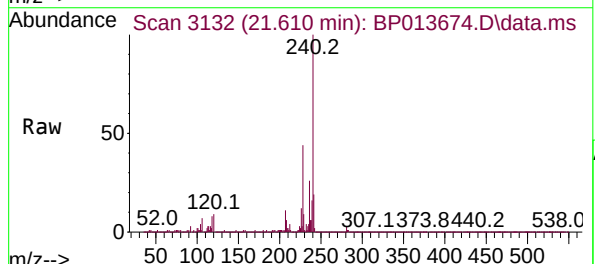
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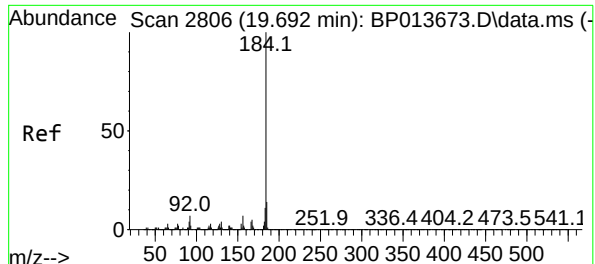
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.610 min Scan# 3132
Delta R.T. 0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

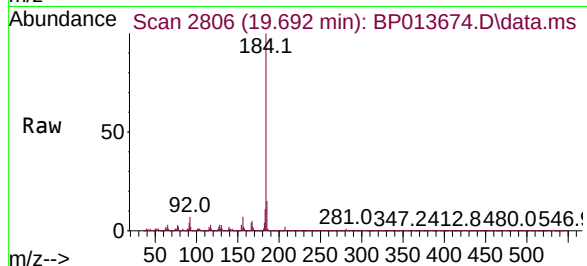
Tgt Ion:240 Resp: 1629059
Ion Ratio Lower Upper
240 100
120 8.9 7.4 11.0
236 25.7 20.6 30.8





#77
Benzidine
Concen: 48.683 ng
RT: 19.692 min Scan# 2806
Delta R.T. 0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

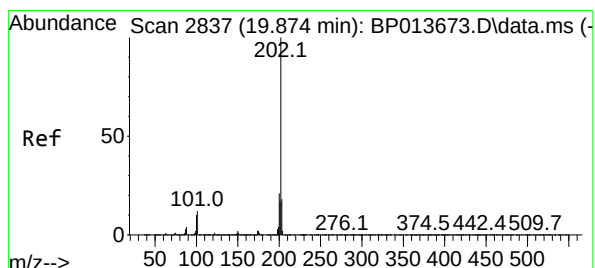
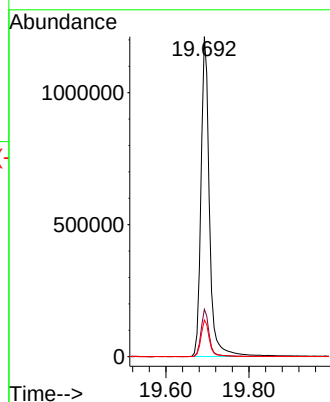
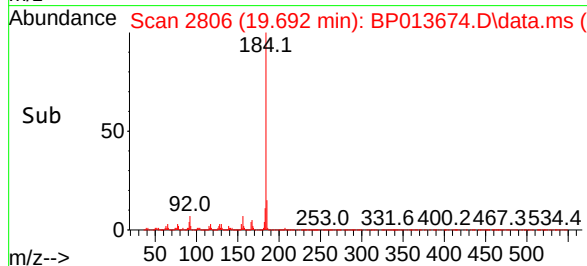
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:184 Resp: 1713013
Ion Ratio Lower Upper
184 100
185 14.8 11.4 17.2
183 11.4 9.2 13.8

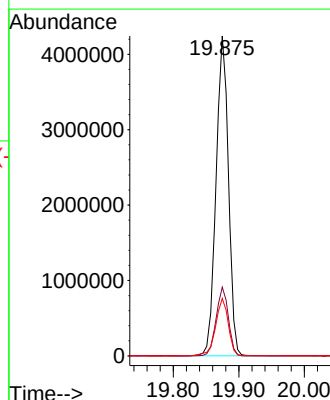
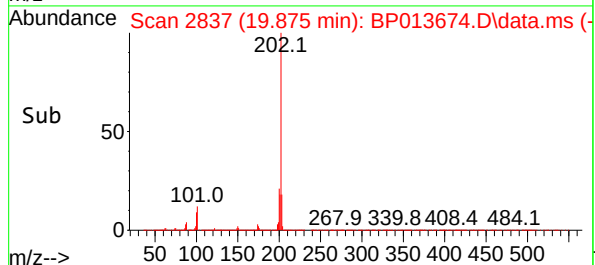
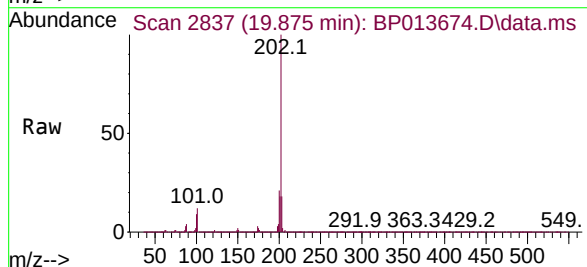
Manual Integrations
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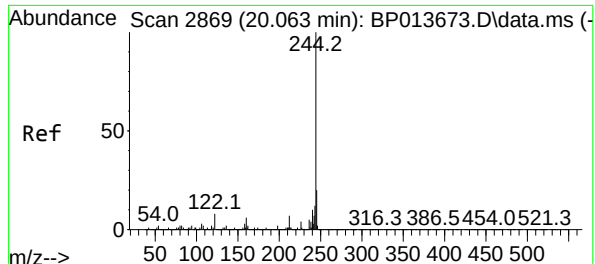
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#78
Pyrene
Concen: 51.009 ng
RT: 19.875 min Scan# 2837
Delta R.T. 0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

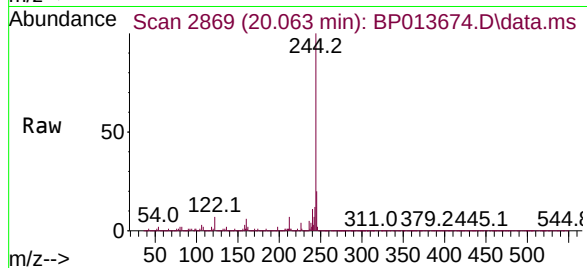
Tgt Ion:202 Resp: 5590546
Ion Ratio Lower Upper
202 100
200 21.5 16.9 25.3
203 17.9 14.0 21.0





#79
Terphenyl-d14
Concen: 101.367 ng
RT: 20.063 min Scan# 2869
Delta R.T. 0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

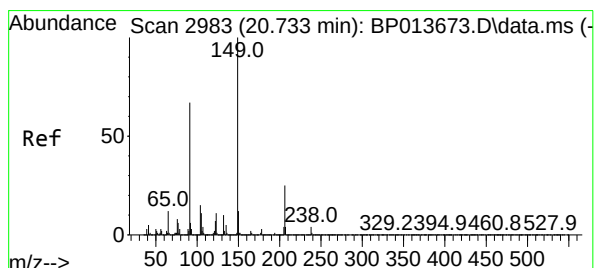
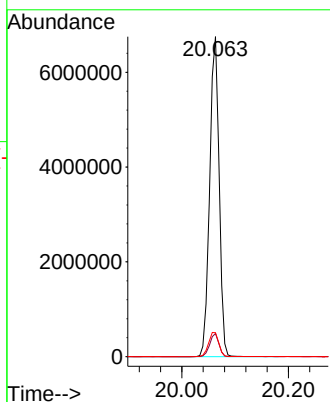
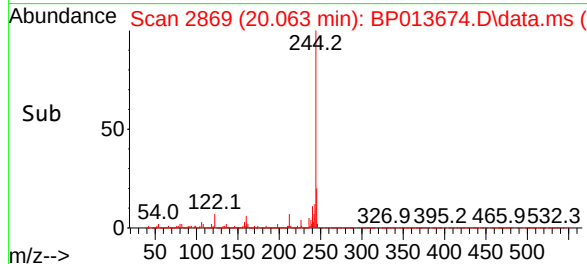
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



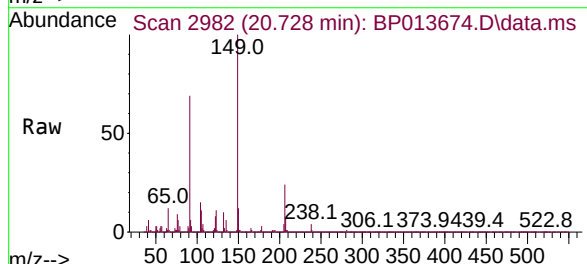
Tgt Ion:244 Resp: 8315910
Ion Ratio Lower Upper
244 100
212 7.2 5.5 8.3
122 7.5 6.5 9.7

Manual Integrations
APPROVED

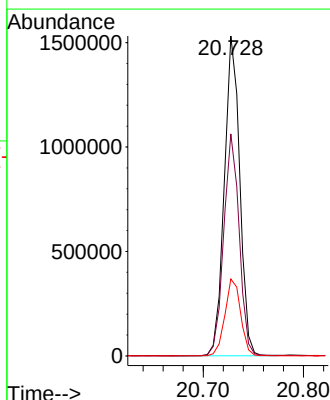
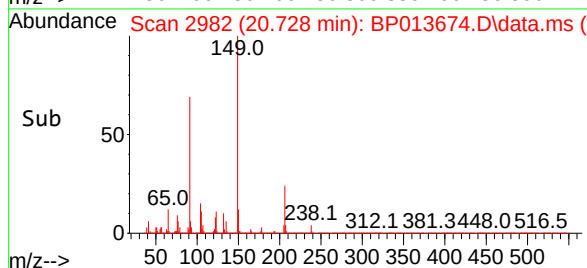
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

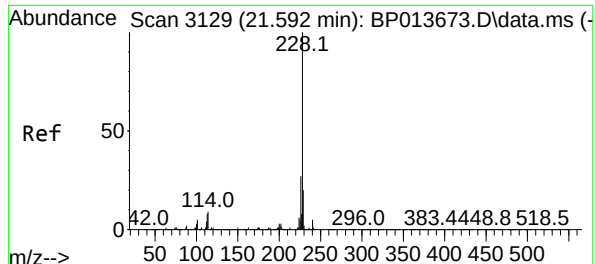


#80
Butylbenzylphthalate
Concen: 54.836 ng
RT: 20.728 min Scan# 2982
Delta R.T. -0.006 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12



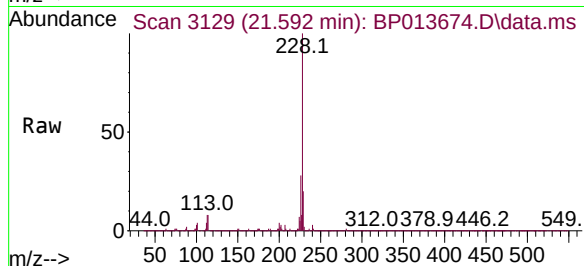
Tgt Ion:149 Resp: 1640706
Ion Ratio Lower Upper
149 100
91 69.4 54.0 81.0
206 24.1 19.8 29.8





#81
Benzo(a)anthracene
Concen: 51.155 ng
RT: 21.592 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

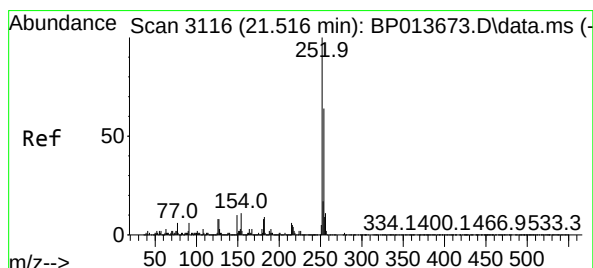
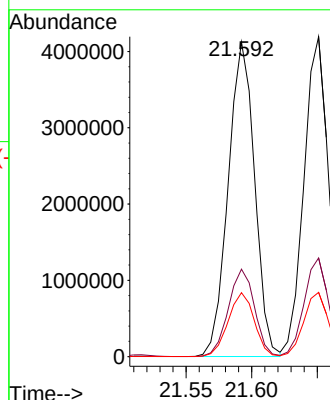
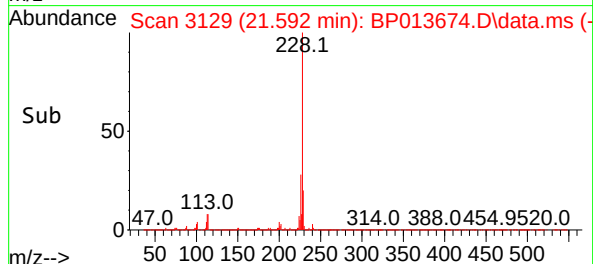
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:228 Resp: 5788333
Ion Ratio Lower Upper
228 100
226 27.8 21.9 32.9
229 20.3 16.0 24.0

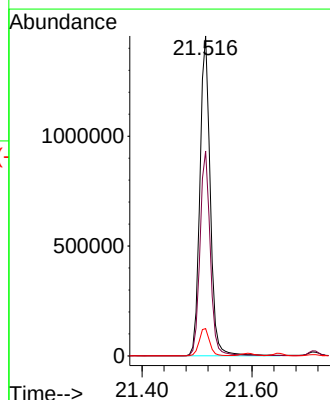
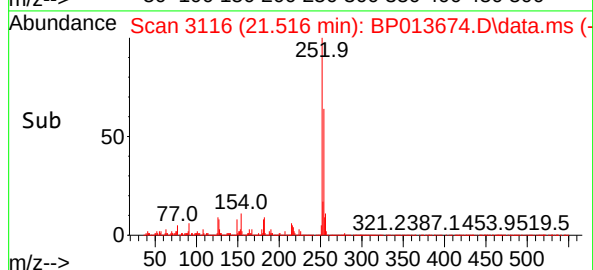
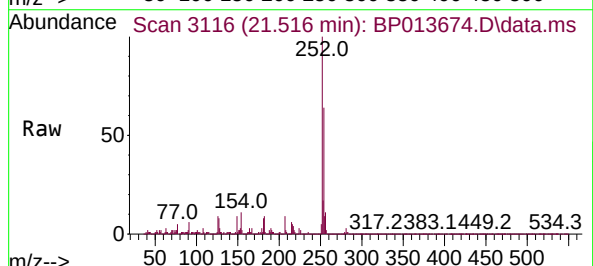
Manual Integrations
APPROVED

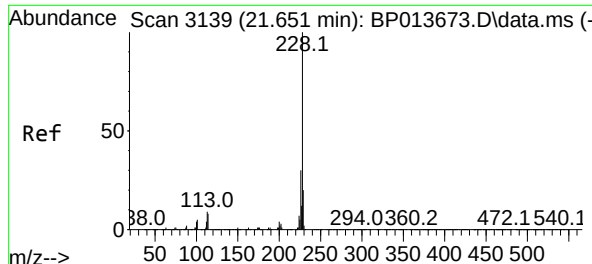
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#82
3,3'-Dichlorobenzidine
Concen: 52.945 ng
RT: 21.516 min Scan# 3116
Delta R.T. 0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

Tgt Ion:252 Resp: 1894035
Ion Ratio Lower Upper
252 100
254 64.1 50.9 76.3
126 8.5 6.7 10.1





#83

Chrysene

Concen: 50.407 ng

RT: 21.651 min Scan# 3139

Delta R.T. 0.000 min

Lab File: BP013674.D

Acq: 31 Jan 2023 14:12

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:228 Resp: 5434199

Ion Ratio Lower Upper

228 100

226 30.8 24.1 36.1

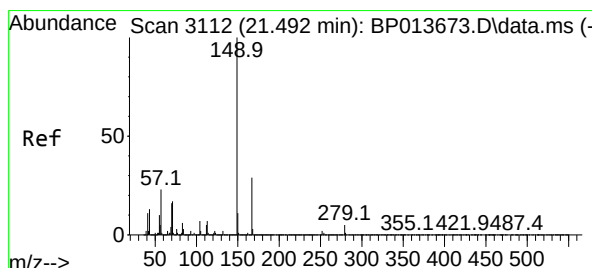
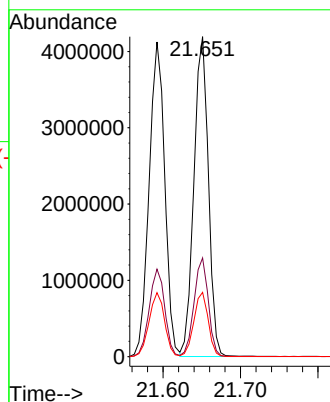
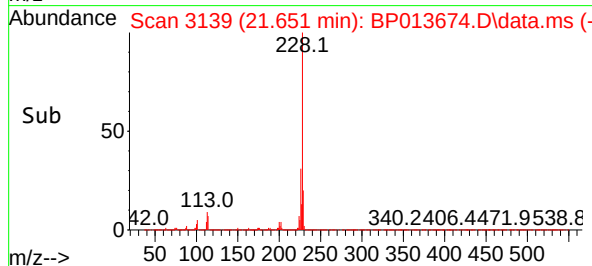
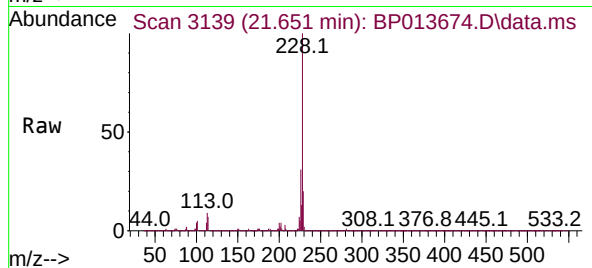
229 20.1 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.262 ng

RT: 21.492 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BP013674.D

Acq: 31 Jan 2023 14:12

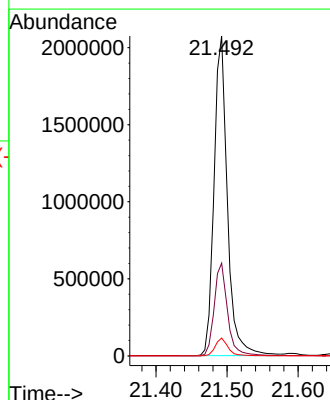
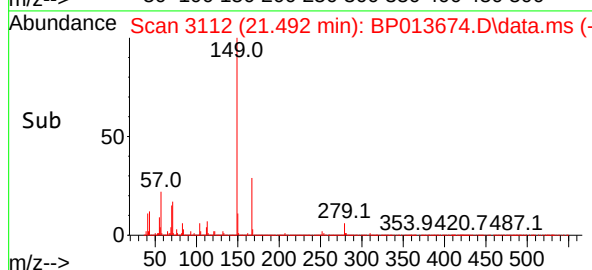
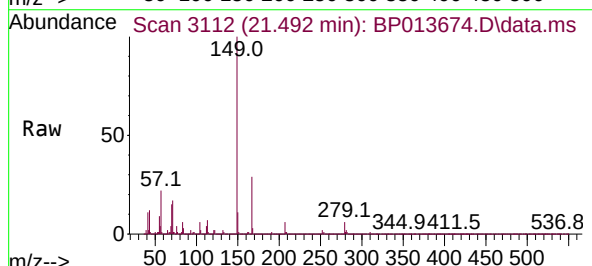
Tgt Ion:149 Resp: 2713414

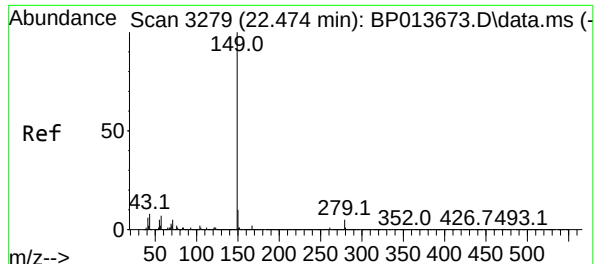
Ion Ratio Lower Upper

149 100

167 29.0 23.0 34.6

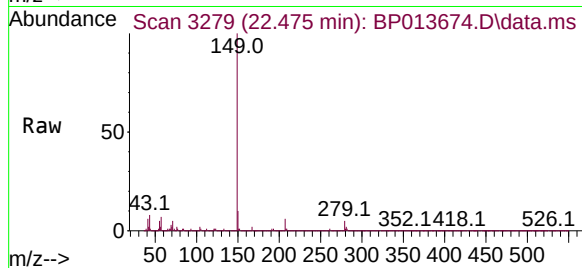
279 5.6 3.9 5.9





#85
Di-n-octyl phthalate
Concen: 53.397 ng
RT: 22.475 min Scan# 3279
Delta R.T. 0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

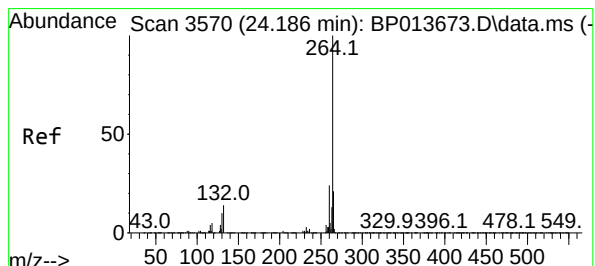
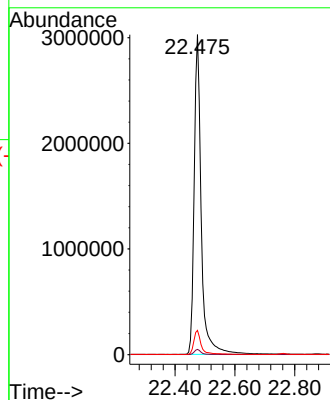
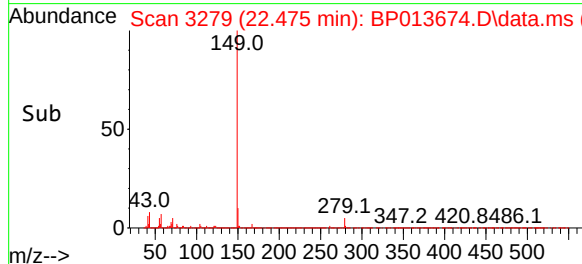
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:149 Resp: 4967366
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.9 6.3 9.5

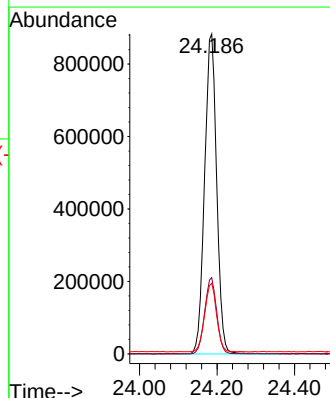
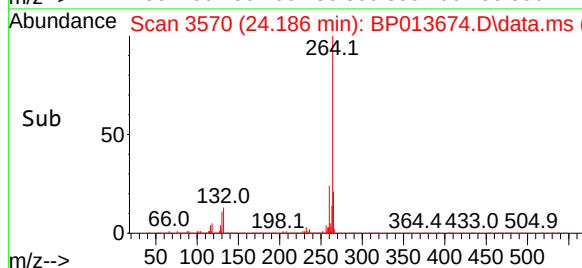
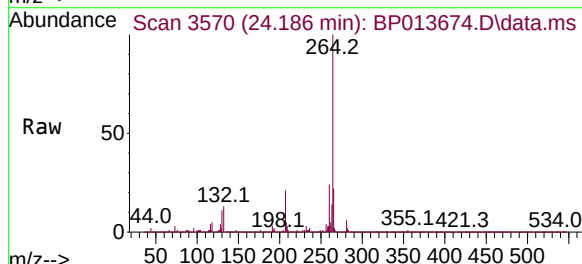
Manual Integrations
APPROVED

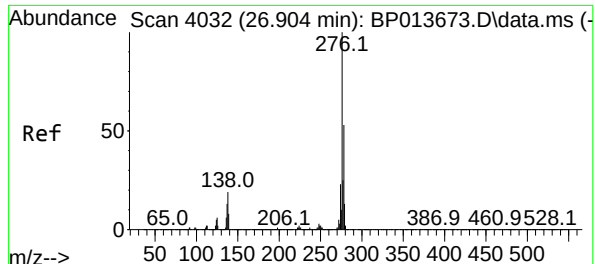
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.186 min Scan# 3570
Delta R.T. 0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

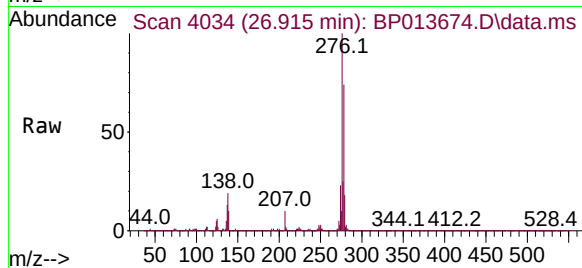
Tgt Ion:264 Resp: 1903765
Ion Ratio Lower Upper
264 100
260 23.8 18.8 28.2
265 22.1 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.913 ng
RT: 26.915 min Scan# 4034
Delta R.T. 0.012 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

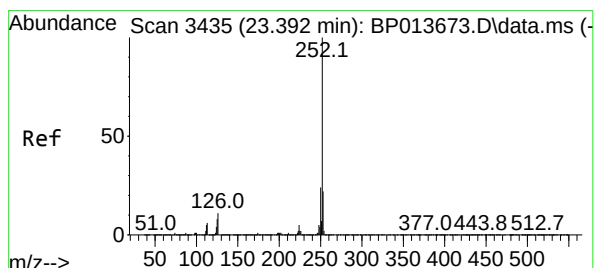
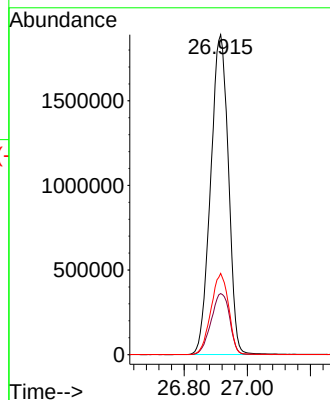
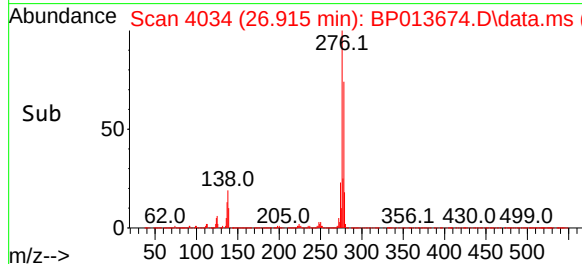
Instrument :
BNA_P
Client Sample Id :
SSTDICC050



Tgt Ion: 276 Resp: 7371359
Ion Ratio Lower Upper
276 100
138 20.0 16.5 24.7
277 25.4 20.2 30.2

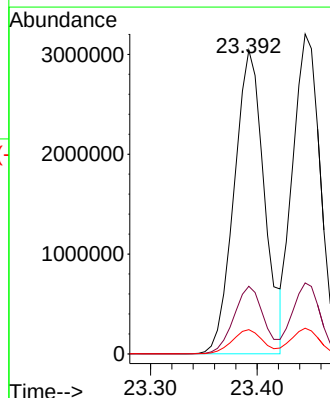
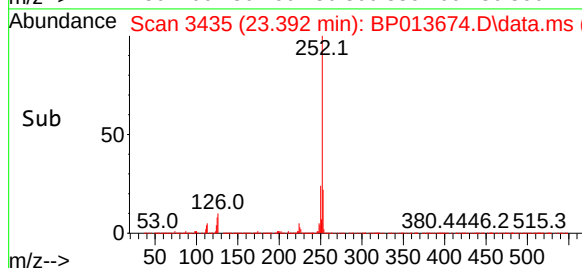
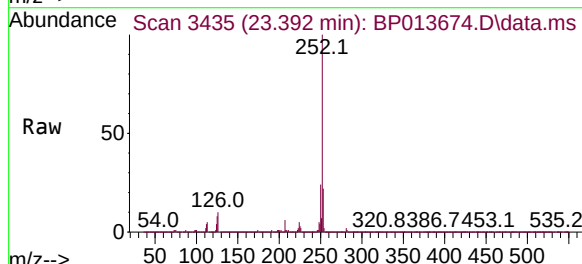
Manual Integrations
APPROVED

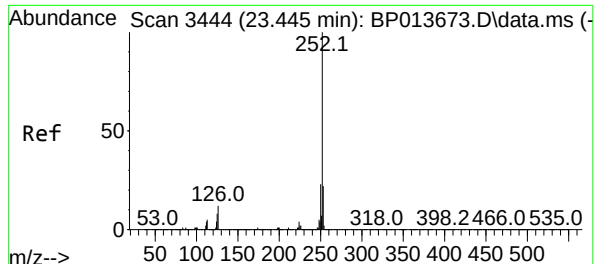
Reviewed By : Christian Giraldo 02/01/2023
Supervised By : Jagrut Upadhyay 02/01/2023



#88
Benzo(b)fluoranthene
Concen: 52.476 ng
RT: 23.392 min Scan# 3435
Delta R.T. 0.000 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

Tgt Ion: 252 Resp: 6004351
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 8.0 6.8 10.2





#89

Benzo(k)fluoranthene

Concen: 50.165 ng

RT: 23.445 min Scan# 3444

Delta R.T. 0.000 min

Lab File: BP013674.D

Acq: 31 Jan 2023 14:12

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:252 Resp: 5749175

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

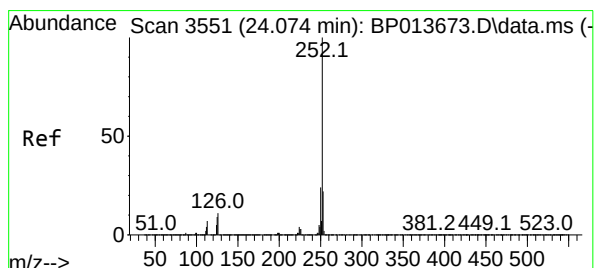
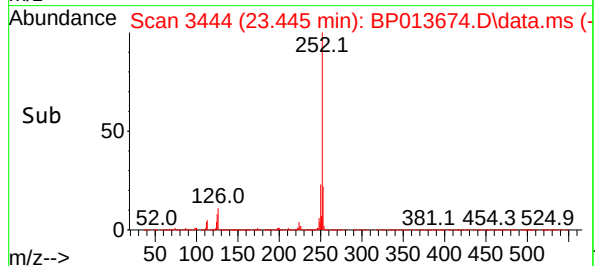
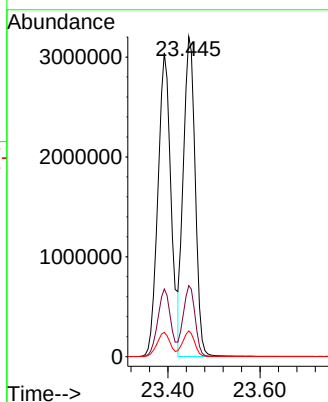
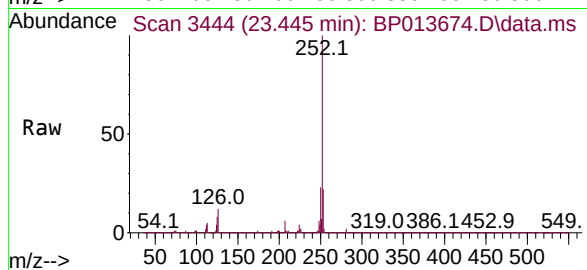
125 8.0 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#90

Benzo(a)pyrene

Concen: 51.259 ng

RT: 24.069 min Scan# 3550

Delta R.T. -0.006 min

Lab File: BP013674.D

Acq: 31 Jan 2023 14:12

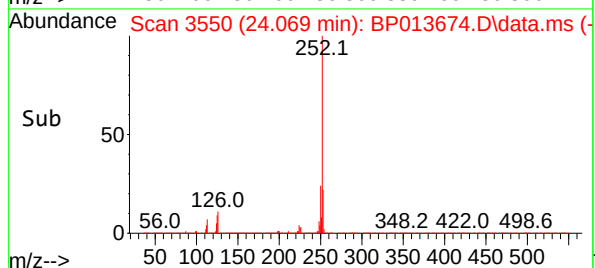
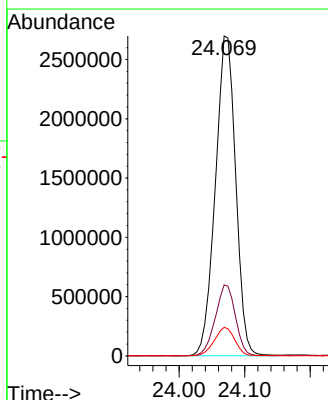
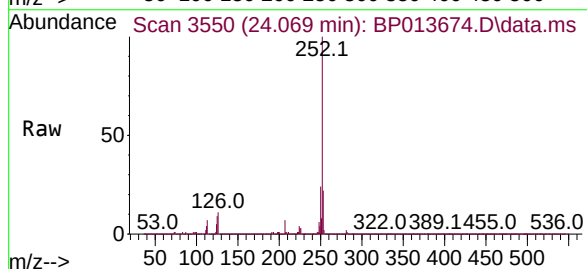
Tgt Ion:252 Resp: 5821927

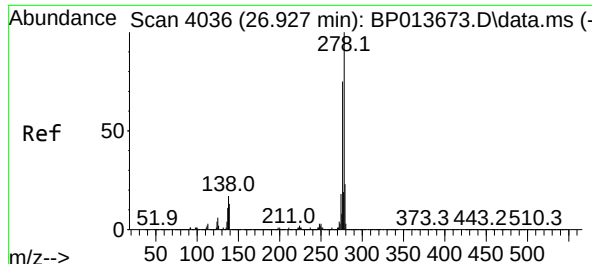
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

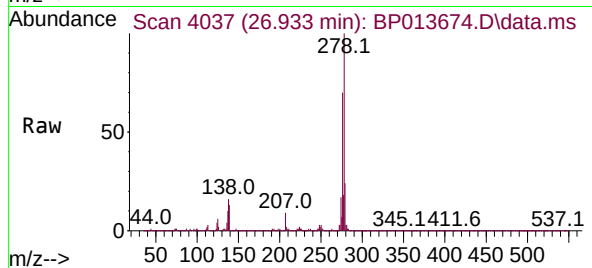
125 8.9 7.0 10.4





#91
Dibenzo(a,h)anthracene
Concen: 51.016 ng
RT: 26.933 min Scan# 4036
Delta R.T. 0.006 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12

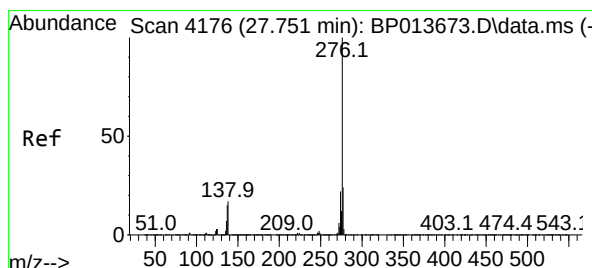
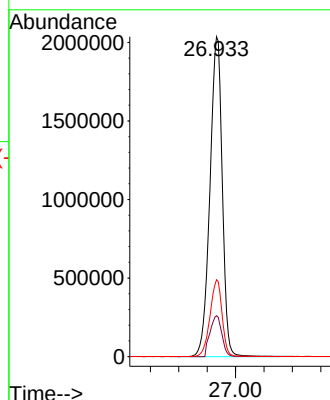
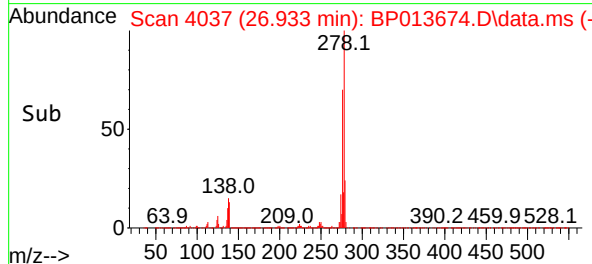
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



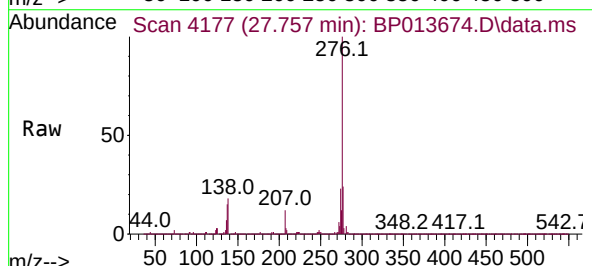
Tgt Ion: 278 Resp: 6131103
Ion Ratio Lower Upper
278 100
139 12.8 10.6 16.0
279 24.0 18.8 28.2

Manual Integrations
APPROVED

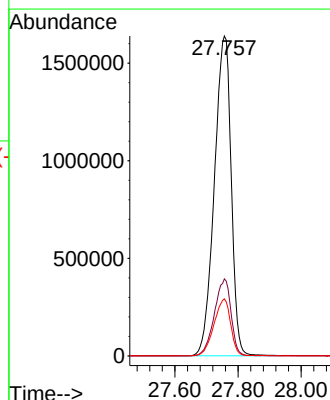
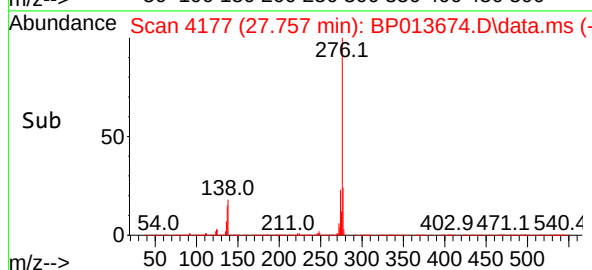
Reviewed By : Christian Giraldo 02/01/2023
Supervised By : Jagrut Upadhyay 02/01/2023



#92
Benzo(g,h,i)perylene
Concen: 50.808 ng
RT: 27.757 min Scan# 4177
Delta R.T. 0.006 min
Lab File: BP013674.D
Acq: 31 Jan 2023 14:12



Tgt Ion: 276 Resp: 6064549
Ion Ratio Lower Upper
276 100
277 24.1 19.2 28.8
138 17.8 14.0 21.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
 Data File : BP013675.D
 Acq On : 31 Jan 2023 14:47
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023
 Supervised By :Jagrut Upadhyay 02/01/2023

Quant Time: Feb 01 03:04:23 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Feb 01 02:57:10 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	260570	20.000	ng	0.00
21) Naphthalene-d8	10.975	136	916167	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	607852	20.000	ng	0.00
64) Phenanthrene-d10	17.533	188	1394011	20.000	ng	0.00
76) Chrysene-d12	21.610	240	1419624	20.000	ng	0.00
86) Perylene-d12	24.186	264	1662488	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	1746239	114.561	ng	0.00
7) Phenol-d6	7.293	99	2326105	114.545	ng	0.00
23) Nitrobenzene-d5	9.322	82	2070036	131.432	ng	0.00
42) 2,4,6-Tribromophenol	16.269	330	1142437	125.307	ng	0.00
45) 2-Fluorobiphenyl	13.404	172	5156538	118.703	ng	0.00
79) Terphenyl-d14	20.063	244	8478623	118.598	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.517	88	367280	56.953	ng	99
3) Pyridine	3.934	79	1057784m	57.937	ng	
4) n-Nitrosodimethylamine	3.840	42	388227	58.313	ng	96
6) Aniline	7.463	93	1523800	57.559	ng	100
8) 2-Chlorophenol	7.705	128	923072	57.521	ng	97
9) Benzaldehyde	7.269	77	521800m	50.857	ng	
10) Phenol	7.316	94	1214677	57.258	ng	97
11) bis(2-Chloroethyl)ether	7.557	93	965945	57.000	ng	98
12) 1,3-Dichlorobenzene	8.028	146	1026782	56.801	ng	99
13) 1,4-Dichlorobenzene	8.181	146	1046096	57.194	ng	99
14) 1,2-Dichlorobenzene	8.499	146	992600	56.714	ng	99
15) Benzyl Alcohol	8.381	79	860378	59.833	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.675	45	1116091	56.177	ng	99
17) 2-Methylphenol	8.581	107	858224	57.731	ng	99
18) Hexachloroethane	9.240	117	357928	59.347	ng	98
19) n-Nitroso-di-n-propyla...	8.957	70	748010	58.709	ng	98
20) 3+4-Methylphenols	8.916	107	1173755	57.877	ng	98
22) Acetophenone	8.975	105	1434753	60.054	ng	99
24) Nitrobenzene	9.363	77	1098251	64.288	ng	99
25) Isophorone	9.893	82	2108864	60.411	ng	100
26) 2-Nitrophenol	10.075	139	482585	67.490	ng	96
27) 2,4-Dimethylphenol	10.128	122	854793	58.390	ng	98
28) bis(2-Chloroethoxy)met...	10.369	93	1255035	59.984	ng	100
29) 2,4-Dichlorophenol	10.610	162	954587	62.253	ng	99
30) 1,2,4-Trichlorobenzene	10.834	180	1026986	60.360	ng	99
31) Naphthalene	11.022	128	2839540	58.946	ng	100
32) Benzoic acid	10.281	122	686594	65.558	ng	99
33) 4-Chloroaniline	11.128	127	1276248	60.296	ng	99
34) Hexachlorobutadiene	11.304	225	662943	61.382	ng	99
35) Caprolactam	11.928	113	310527	61.904	ng	98
36) 4-Chloro-3-methylphenol	12.234	107	992433	61.528	ng	100
37) 2-Methylnaphthalene	12.616	142	2165970	59.799	ng	99
38) 1-Methylnaphthalene	12.834	142	2029388	59.645	ng	100
40) 1,2,4,5-Tetrachloroben...	12.981	216	1285768	61.958	ng	100
41) Hexachlorocyclopentadiene	12.957	237	643896	67.980	ng	98
43) 2,4,6-Trichlorophenol	13.216	196	862228	63.098	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
 Data File : BP013675.D
 Acq On : 31 Jan 2023 14:47
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/01/2023
 Supervised By : Jagrut Upadhyay 02/01/2023

Quant Time: Feb 01 03:04:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 02:57:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.287	196	1008486	63.033	ng	99
46) 1,1'-Biphenyl	13.616	154	2751462	59.816	ng	99
47) 2-Chloronaphthalene	13.663	162	2139035	60.160	ng	99
48) 2-Nitroaniline	13.857	65	546260	71.900	ng	98
49) Acenaphthylene	14.504	152	3466104	60.450	ng	99
50) Dimethylphthalate	14.228	163	2811702	59.804	ng	100
51) 2,6-Dinitrotoluene	14.351	165	591016	70.334	ng	96
52) Acenaphthene	14.845	154	2245118m	62.775	ng	
53) 3-Nitroaniline	14.681	138	625350	68.239	ng	98
54) 2,4-Dinitrophenol	14.881	184	359196	70.235	ng	99
55) Dibenzofuran	15.175	168	3435352	59.464	ng	99
56) 4-Nitrophenol	14.975	139	524119	64.296	ng	97
57) 2,4-Dinitrotoluene	15.134	165	794265	72.027	ng	99
58) Fluorene	15.828	166	2668499	58.832	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.398	232	861487	61.922	ng	99
60) Diethylphthalate	15.586	149	2685481	59.582	ng	100
61) 4-Chlorophenyl-phenyle...	15.816	204	1471252	59.565	ng	99
62) 4-Nitroaniline	15.845	138	625615	68.743	ng	96
63) Azobenzene	16.110	77	2502707	60.110	ng	99
65) 4,6-Dinitro-2-methylph...	15.898	198	497088	68.421	ng	98
66) n-Nitrosodiphenylamine	16.028	169	2402971	59.244	ng	99
67) 4-Bromophenyl-phenylether	16.710	248	979513	61.297	ng	99
68) Hexachlorobenzene	16.833	284	1076533	60.838	ng	99
69) Atrazine	16.981	200	780107	59.106	ng	99
70) Pentachlorophenol	17.175	266	838398	64.232	ng	99
71) Phenanthrene	17.575	178	4426219	59.238	ng	99
72) Anthracene	17.663	178	4516302	59.871	ng	99
73) Carbazole	17.928	167	4063121	59.319	ng	100
74) Di-n-butylphthalate	18.463	149	4564684	60.898	ng	100
75) Fluoranthene	19.522	202	5591911	60.114	ng	99
77) Benzidine	19.692	184	1670620	54.483	ng	100
78) Pyrene	19.874	202	5772082	60.435	ng	99
80) Butylbenzylphthalate	20.727	149	1694000	64.970	ng	96
81) Benzo(a)anthracene	21.592	228	5936908	60.209	ng	99
82) 3,3'-Dichlorobenzidine	21.516	252	1927065	61.815	ng	98
83) Chrysene	21.651	228	5637197	60.005	ng	100
84) Bis(2-ethylhexyl)phtha...	21.492	149	2779043	62.599	ng	100
85) Di-n-octyl phthalate	22.474	149	5103628	62.955	ng	99
87) Indeno(1,2,3-cd)pyrene	26.921	276	7635088	60.388	ng	99
88) Benzo(b)fluoranthene	23.392	252	6124811	61.298	ng	99
89) Benzo(k)fluoranthene	23.451	252	5984571	59.797	ng	100
90) Benzo(a)pyrene	24.074	252	6026342	60.760	ng	99
91) Dibenzo(a,h)anthracene	26.933	278	6338598	60.398	ng	99
92) Benzo(g,h,i)perylene	27.756	276	6272495	60.177	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

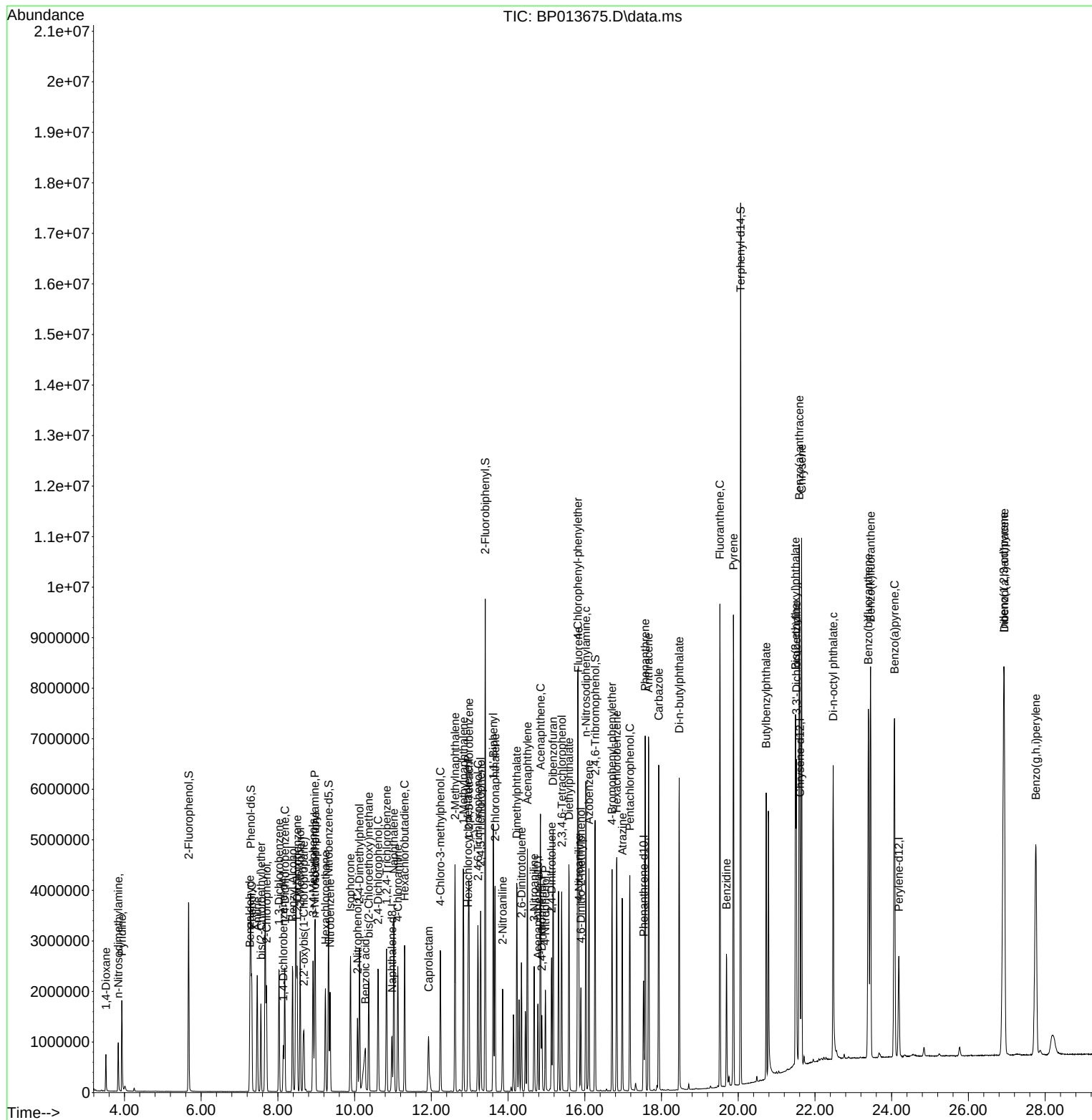
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Data File : BP013675.D
Acq On : 31 Jan 2023 14:47
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

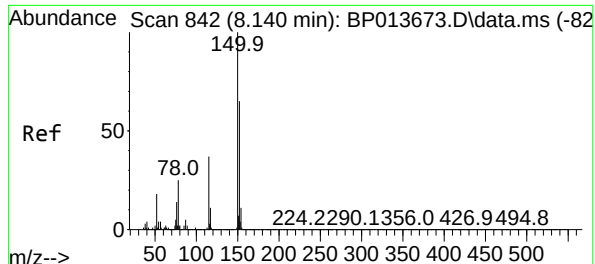
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jaqrut Upadhyay 02/01/2023

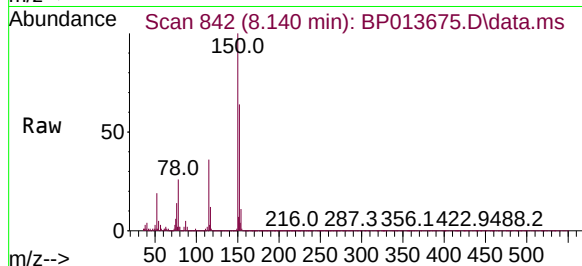
Quant Time: Feb 01 03:04:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 02:57:10 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.140 min Scan# 842
Delta R.T. -0.000 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

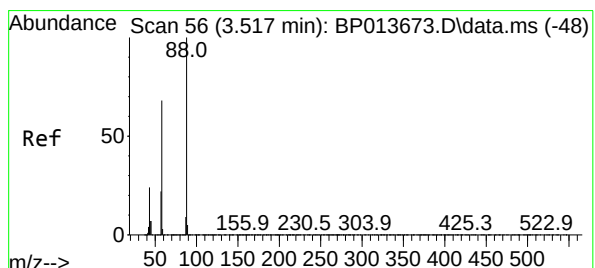
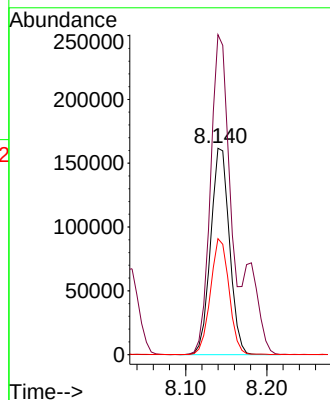
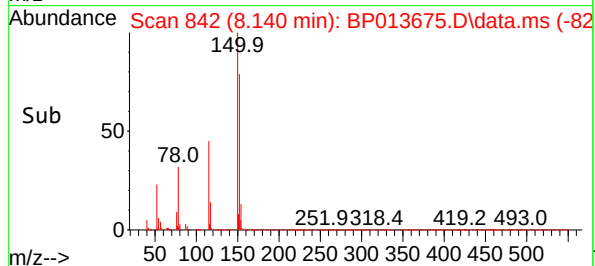
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion: 152 Resp: 260570
Ion Ratio Lower Upper
152 100
150 155.1 123.6 185.4
115 56.2 45.4 68.0

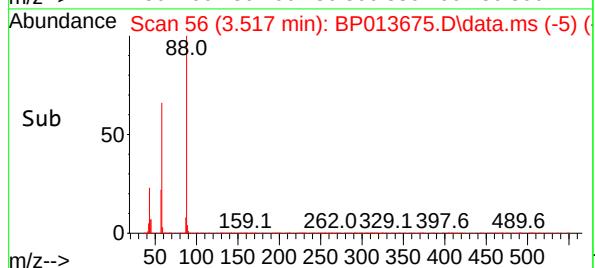
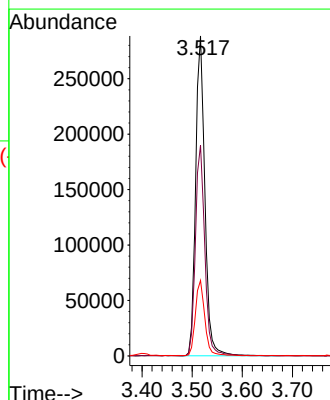
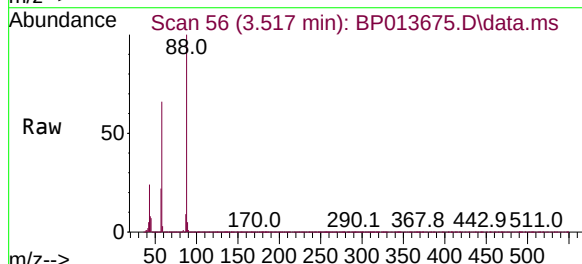
Manual Integrations
APPROVED

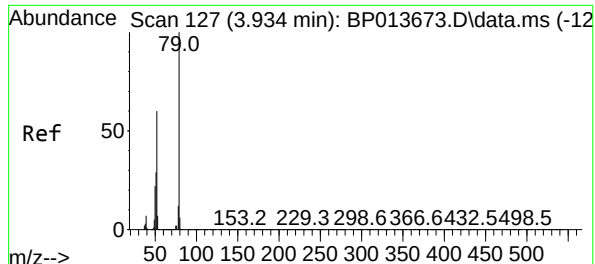
Reviewed By : Christian Giraldo 02/01/2023
Supervised By : Jagrut Upadhyay 02/01/2023



#2
1,4-Dioxane
Concen: 56.953 ng
RT: 3.517 min Scan# 56
Delta R.T. 0.000 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

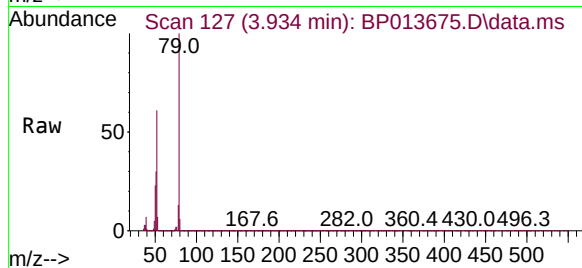
Tgt Ion: 88 Resp: 367280
Ion Ratio Lower Upper
88 100
58 67.1 53.8 80.8
43 24.0 19.8 29.6





#3
Pyridine
Concen: 57.937 ng m
RT: 3.934 min Scan# 110
Delta R.T. 0.000 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

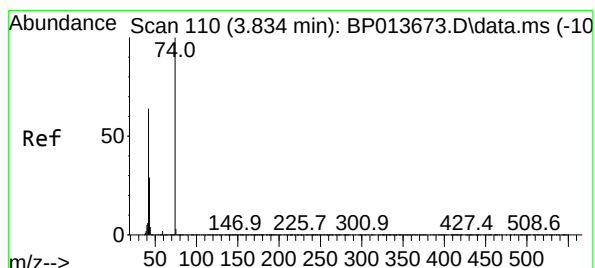
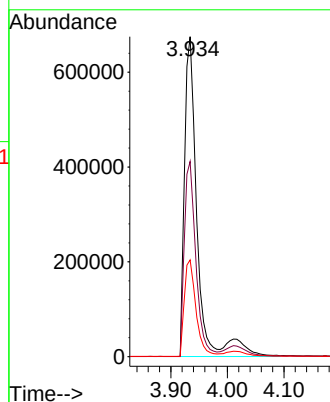
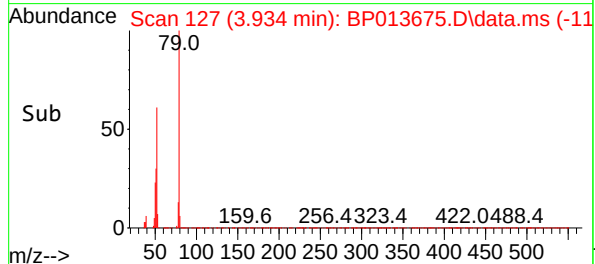
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



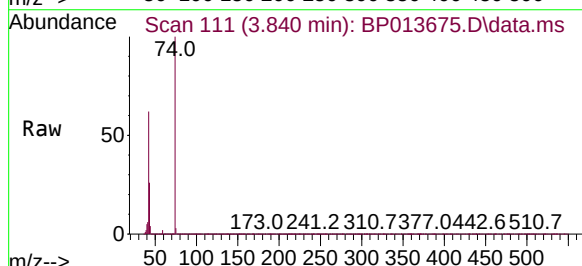
Tgt Ion: 79 Resp: 1057784
Ion Ratio Lower Upper
79 100
52 61.0 48.2 72.2
51 30.2 23.6 35.4

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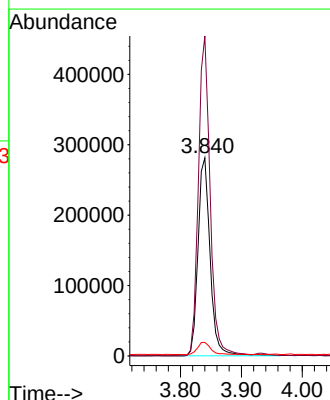
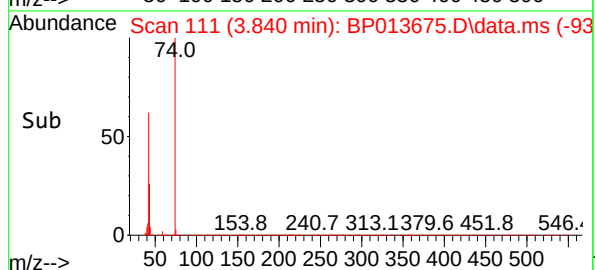
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

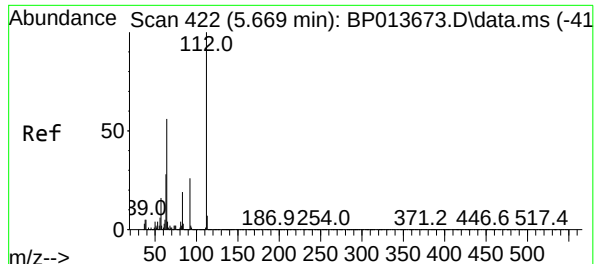


#4
n-Nitrosodimethylamine
Concen: 58.313 ng
RT: 3.840 min Scan# 111
Delta R.T. 0.006 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47



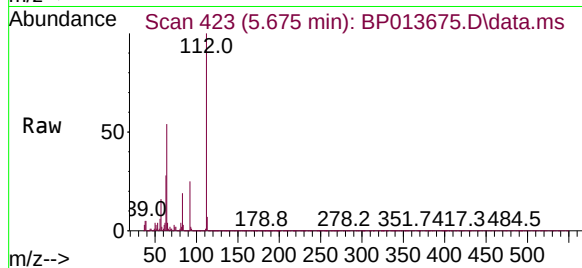
Tgt Ion: 42 Resp: 388227
Ion Ratio Lower Upper
42 100
74 161.6 124.6 187.0
44 6.9 6.3 9.5





#5
2-Fluorophenol
Concen: 114.561 ng
RT: 5.675 min Scan# 421
Delta R.T. 0.006 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

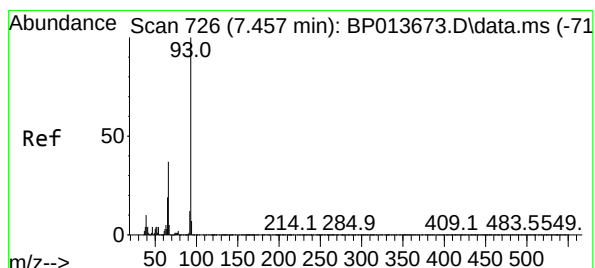
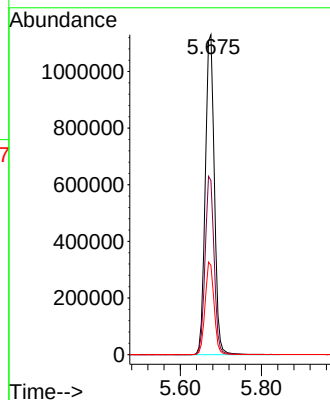
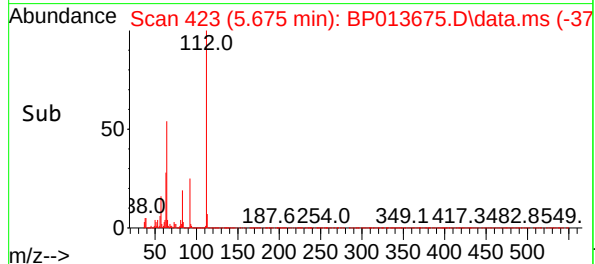
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion: 112 Resp: 1746239
Ion Ratio Lower Upper
112 100
64 54.4 44.6 67.0
63 27.9 22.6 34.0

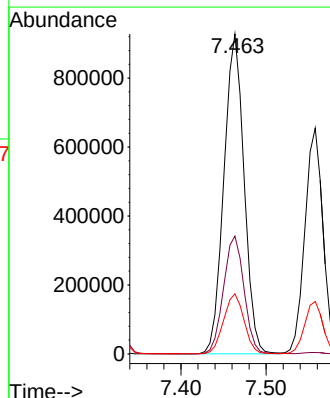
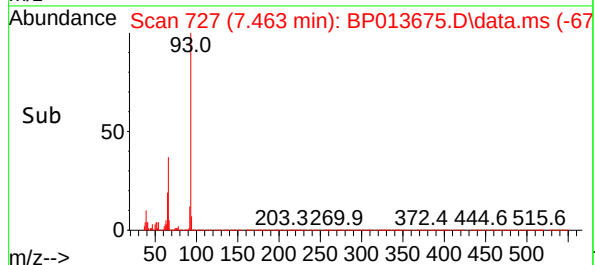
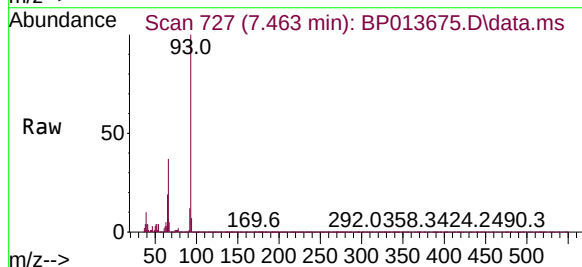
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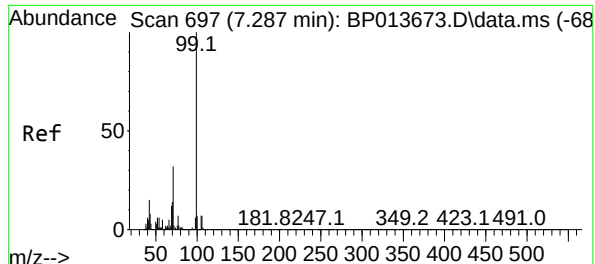
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#6
Aniline
Concen: 57.559 ng
RT: 7.463 min Scan# 727
Delta R.T. 0.006 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

Tgt Ion: 93 Resp: 1523800
Ion Ratio Lower Upper
93 100
66 36.8 29.3 43.9
65 18.8 15.1 22.7





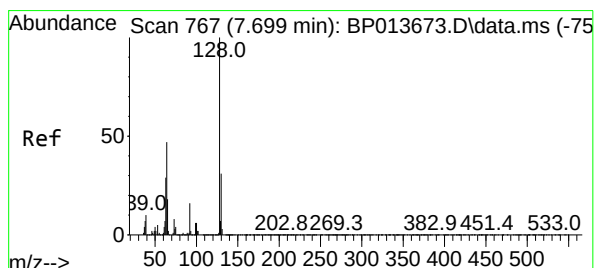
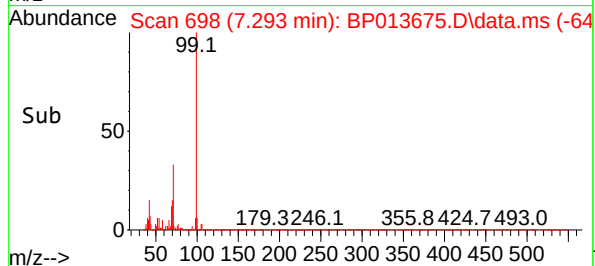
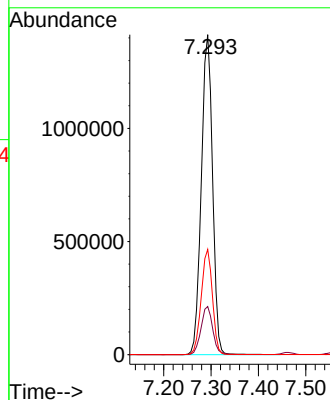
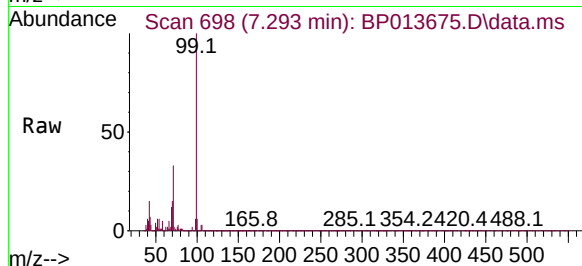
#7
Phenol-d6
Concen: 114.545 ng
RT: 7.293 min Scan# 697
Delta R.T. 0.006 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

Instrument :
BNA_P
Client Sample Id :
SSTDICC060

Tgt Ion: 99 Resp: 2326105
Ion Ratio Lower Upper
99 100
42 15.0 11.8 17.6
71 32.9 25.6 38.4

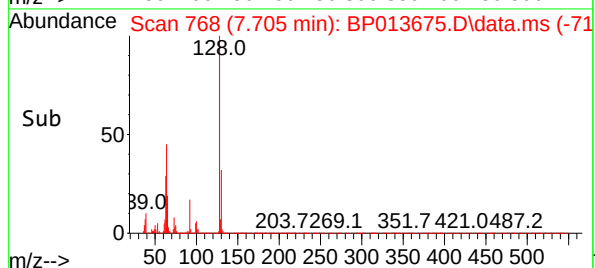
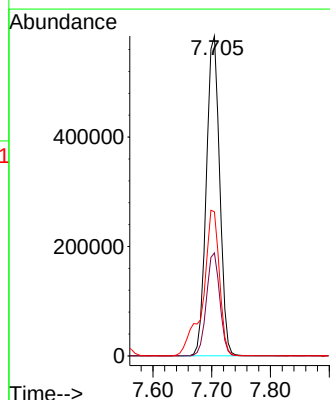
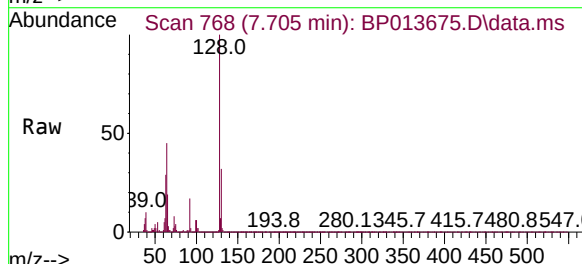
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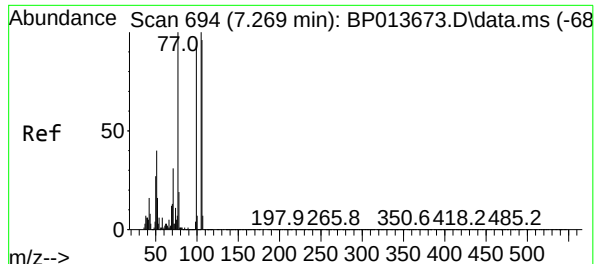
Reviewed By : Christian Giraldo 02/01/2023
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#8
2-Chlorophenol
Concen: 57.521 ng
RT: 7.705 min Scan# 768
Delta R.T. 0.006 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

Tgt Ion: 128 Resp: 923072
Ion Ratio Lower Upper
128 100
130 32.2 10.8 50.8
64 45.0 26.9 66.9





#9

Benzaldehyde

Concen: 50.857 ng m

RT: 7.269 min Scan# 694

Delta R.T. 0.000 min

Lab File: BP013675.D

Acq: 31 Jan 2023 14:47

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion: 77 Resp: 521800

Ion Ratio Lower Upper

77 100

105 97.6 80.4 120.4

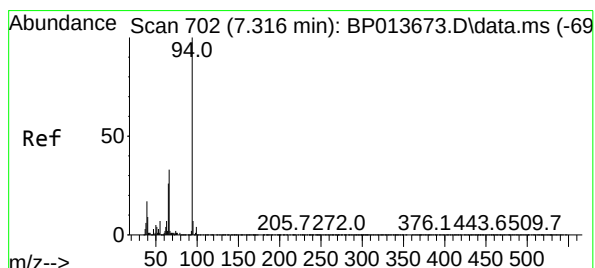
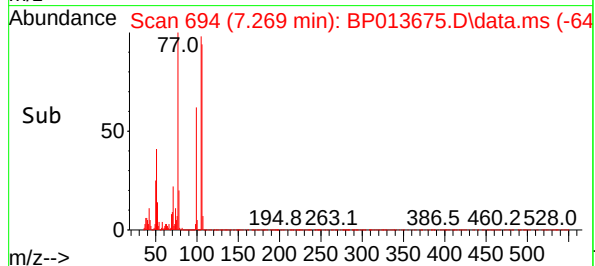
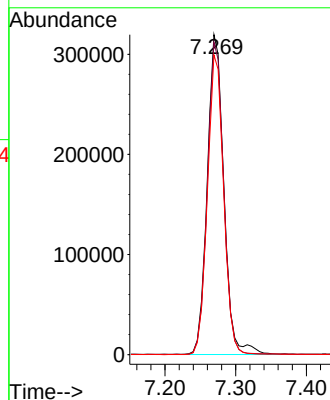
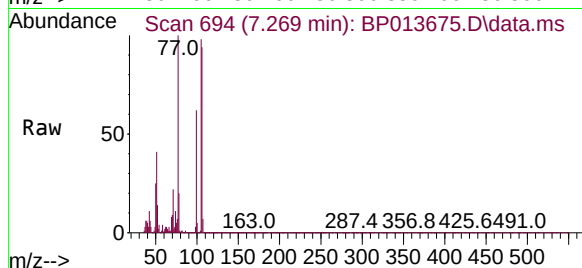
106 93.6 76.7 116.7

Manual Integrations

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Reviewed By :Christian Giraldo 02/01/2023

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#10

Phenol

Concen: 57.258 ng

RT: 7.316 min Scan# 702

Delta R.T. 0.000 min

Lab File: BP013675.D

Acq: 31 Jan 2023 14:47

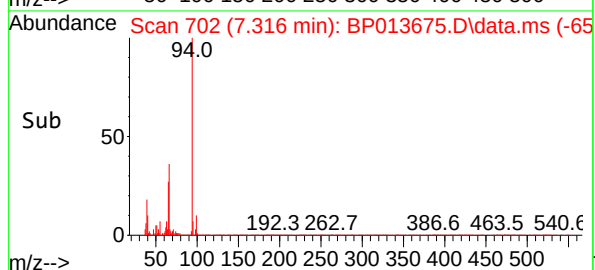
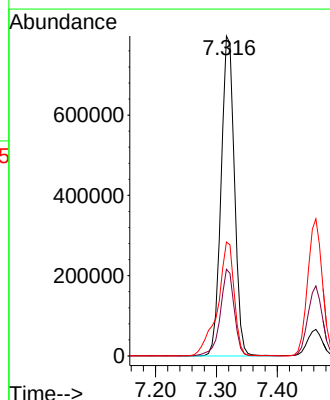
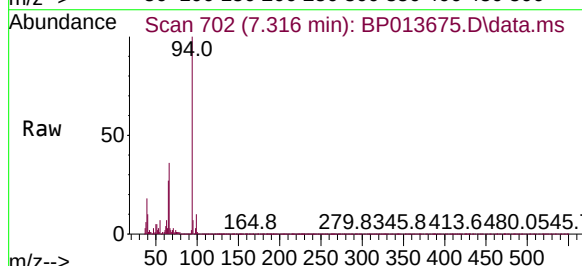
Tgt Ion: 94 Resp: 1214677

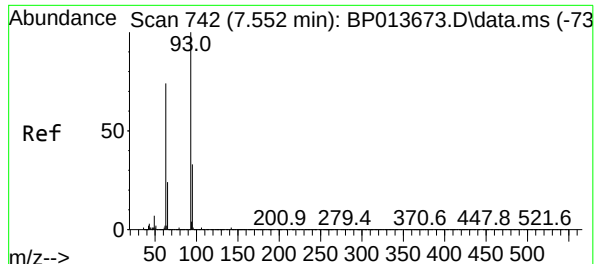
Ion Ratio Lower Upper

94 100

65 27.1 6.0 46.0

66 35.6 13.1 53.1





#11

bis(2-Chloroethyl)ether

Concen: 57.000 ng

RT: 7.557 min Scan# 742

Delta R.T. 0.006 min

Lab File: BP013675.D

Acq: 31 Jan 2023 14:47

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion: 93 Resp: 965945

Ion Ratio Lower Upper

93 100

63 71.4 53.7 93.7

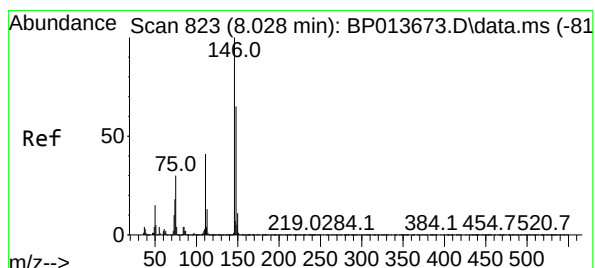
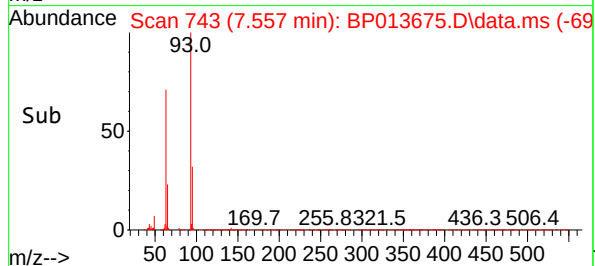
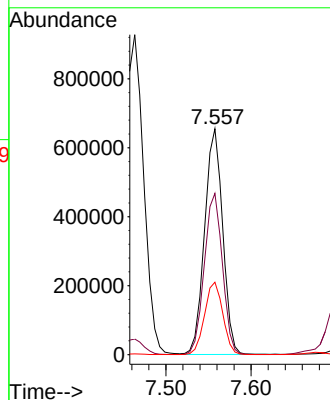
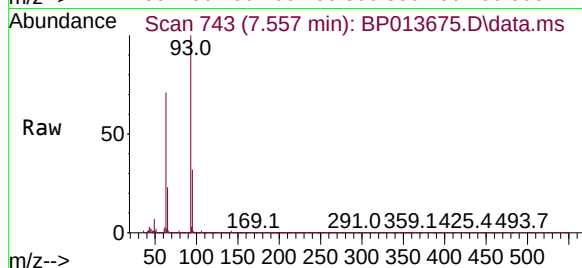
95 32.1 12.4 52.4

Manual Integrations

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#12

1,3-Dichlorobenzene

Concen: 56.801 ng

RT: 8.028 min Scan# 823

Delta R.T. 0.000 min

Lab File: BP013675.D

Acq: 31 Jan 2023 14:47

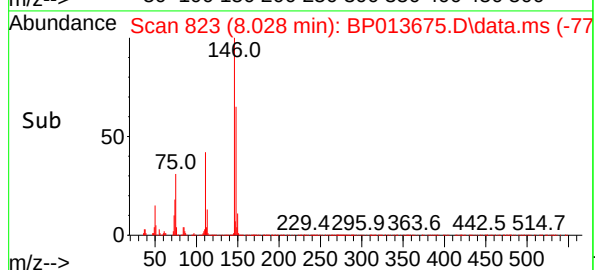
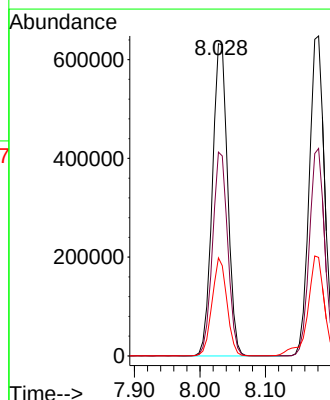
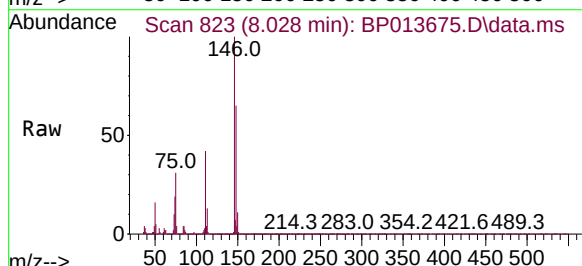
Tgt Ion:146 Resp: 1026782

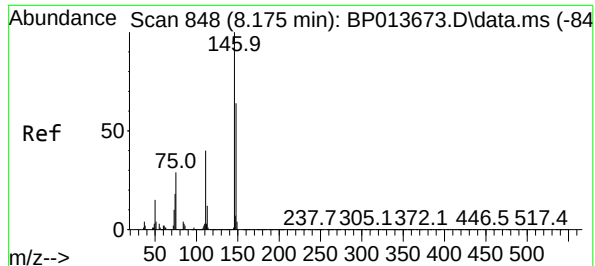
Ion Ratio Lower Upper

146 100

148 65.3 51.9 77.9

75 31.4 24.0 36.0





#13

1,4-Dichlorobenzene

Concen: 57.194 ng

RT: 8.181 min Scan# 84

Delta R.T. 0.006 min

Lab File: BP013675.D

Acq: 31 Jan 2023 14:47

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:146 Resp: 1046096

Ion Ratio Lower Upper

146 100

148 64.8 51.5 77.3

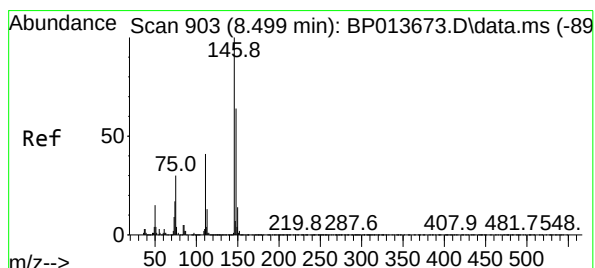
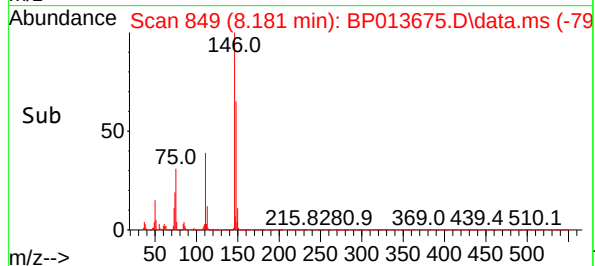
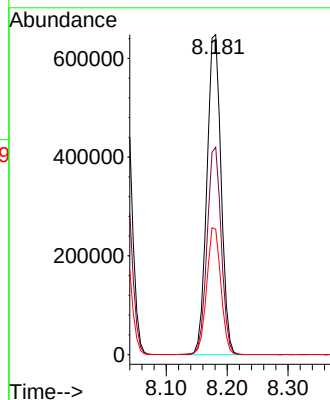
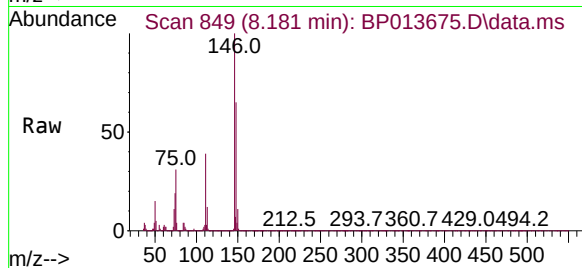
111 39.2 32.0 48.0

Manual Integrations

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Supervised By :Jagrut Upadhyay 02/01/2023



#14

1,2-Dichlorobenzene

Concen: 56.714 ng

RT: 8.499 min Scan# 903

Delta R.T. 0.000 min

Lab File: BP013675.D

Acq: 31 Jan 2023 14:47

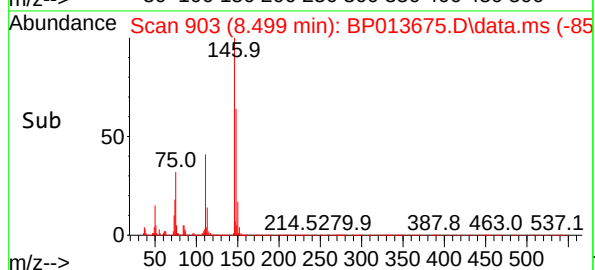
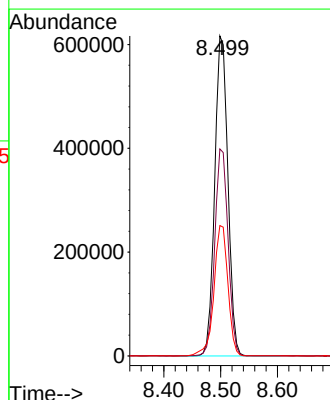
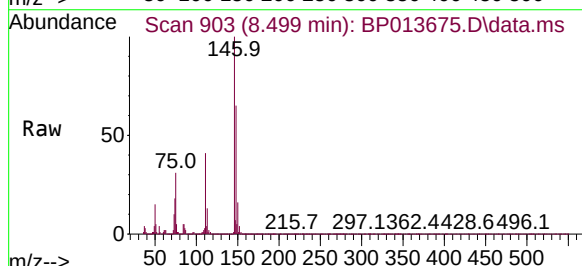
Tgt Ion:146 Resp: 992600

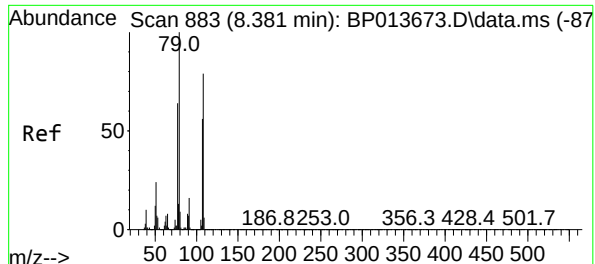
Ion Ratio Lower Upper

146 100

148 64.7 51.3 76.9

111 40.7 32.8 49.2





#15

Benzyl Alcohol

Concen: 59.833 ng

RT: 8.381 min Scan# 883

Delta R.T. -0.000 min

Lab File: BP013675.D

Acq: 31 Jan 2023 14:47

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion: 79 Resp: 860378

Ion Ratio Lower Upper

79 100

108 76.5 62.9 94.3

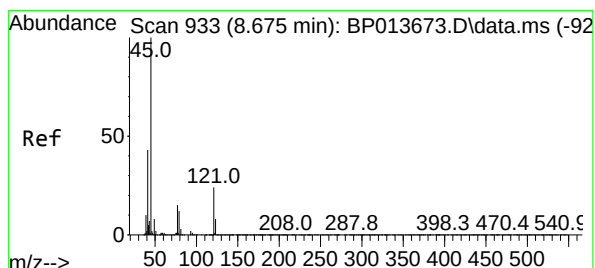
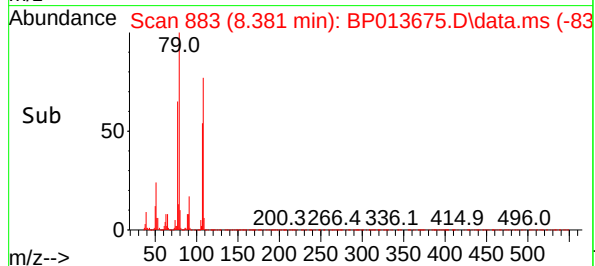
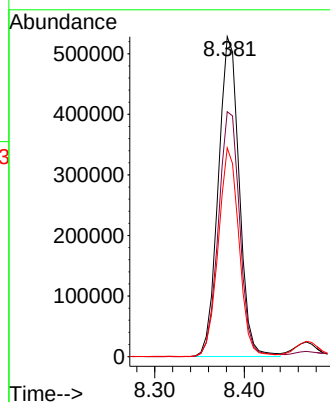
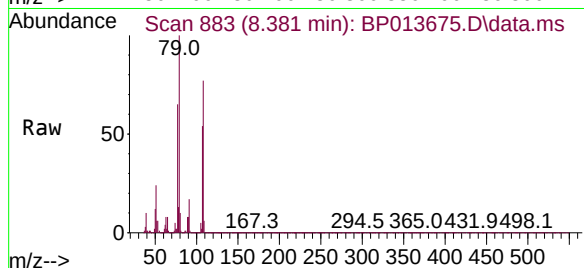
77 65.2 51.1 76.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#16

2,2'-oxybis(1-Chloropropane)

Concen: 56.177 ng

RT: 8.675 min Scan# 933

Delta R.T. 0.000 min

Lab File: BP013675.D

Acq: 31 Jan 2023 14:47

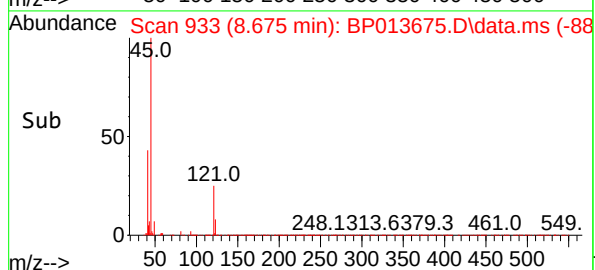
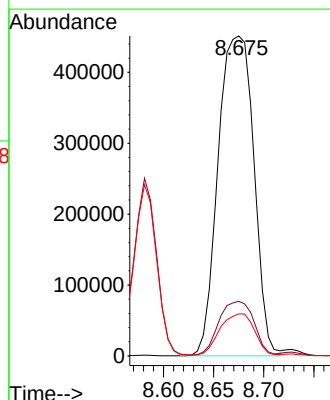
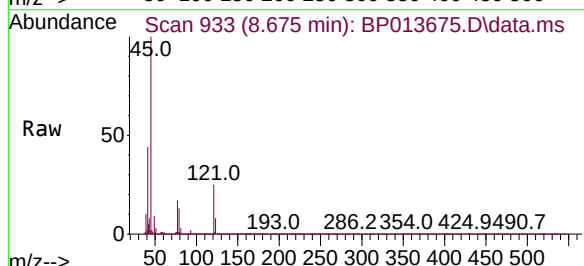
Tgt Ion: 45 Resp: 1116091

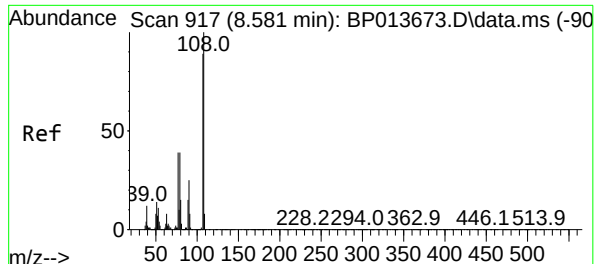
Ion Ratio Lower Upper

45 100

77 17.1 0.0 36.4

79 13.1 0.0 33.4





#17

2-Methylphenol

Concen: 57.731 ng

RT: 8.581 min Scan# 917

Delta R.T. 0.000 min

Lab File: BP013675.D

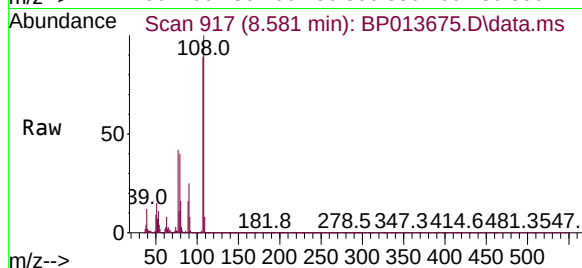
Acq: 31 Jan 2023 14:47

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

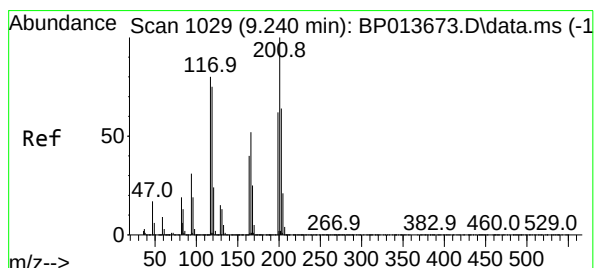
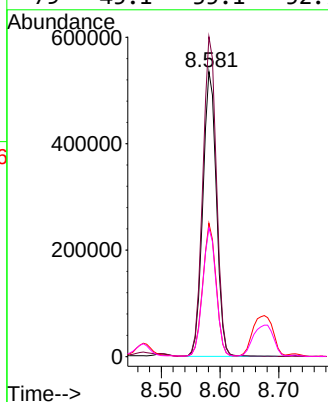


Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.3	90.0	135.0
77	46.8	35.7	53.5
79	45.1	35.1	52.7

Manual Integrations

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Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#18

Hexachloroethane

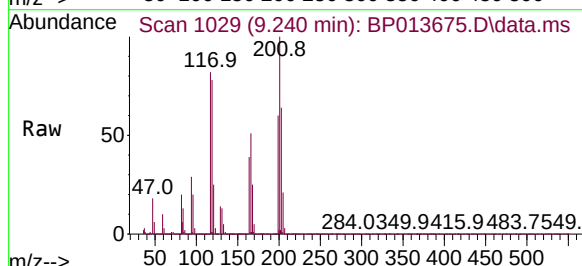
Concen: 59.347 ng

RT: 9.240 min Scan# 1029

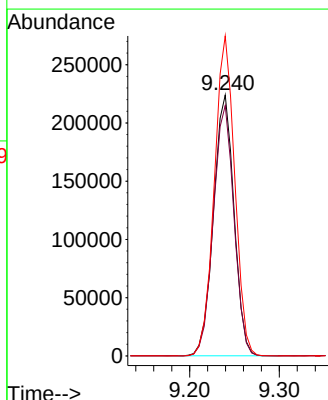
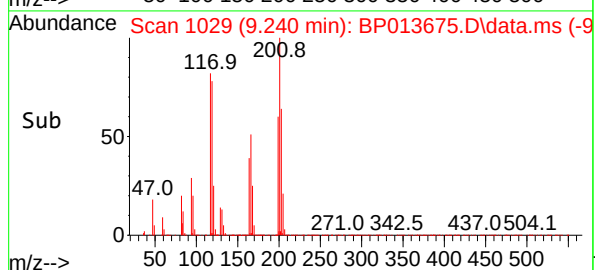
Delta R.T. 0.000 min

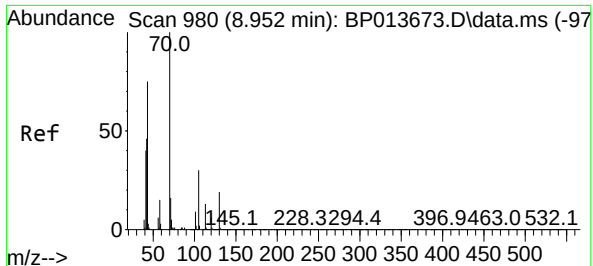
Lab File: BP013675.D

Acq: 31 Jan 2023 14:47



Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.0	112.4
201	122.7	100.4	150.6





#19

n-Nitroso-di-n-propylamine

Concen: 58.709 ng

RT: 8.957 min Scan# 980

Delta R.T. 0.005 min

Lab File: BP013675.D

Acq: 31 Jan 2023 14:47

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 748010

Ion Ratio Lower Upper

70 100

42 48.3 37.2 55.8

101 9.6 7.4 11.2

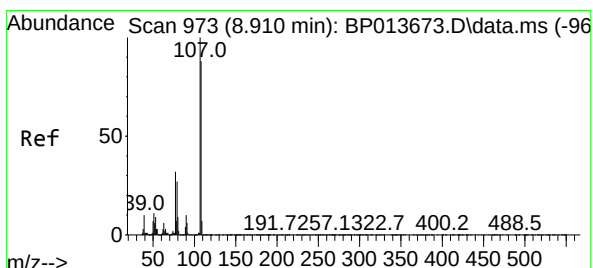
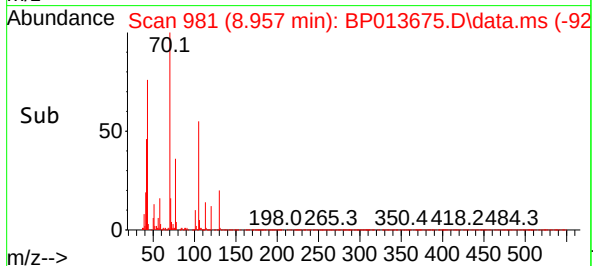
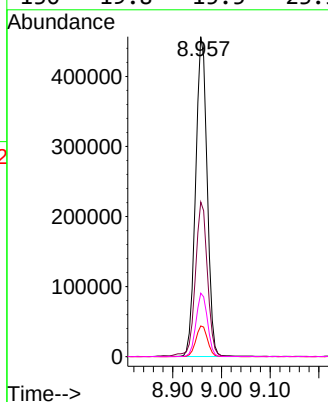
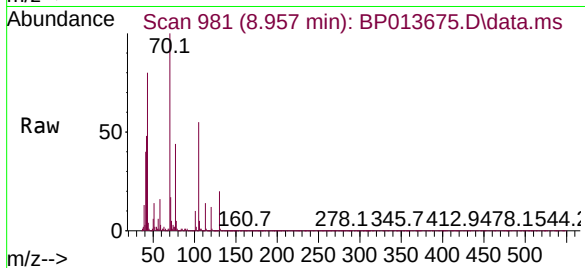
130 19.8 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#20

3+4-Methylphenols

Concen: 57.877 ng

RT: 8.916 min Scan# 974

Delta R.T. 0.006 min

Lab File: BP013675.D

Acq: 31 Jan 2023 14:47

Tgt Ion:107 Resp: 1173755

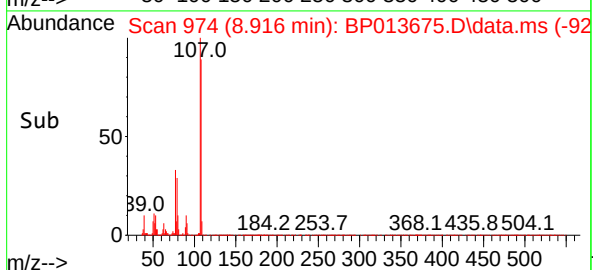
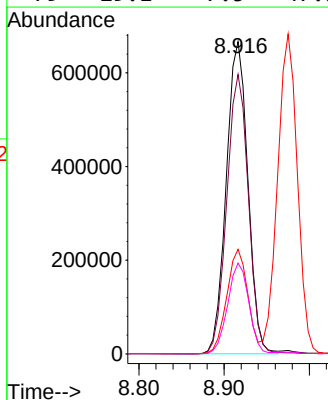
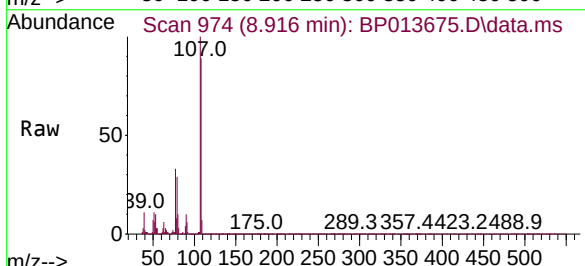
Ion Ratio Lower Upper

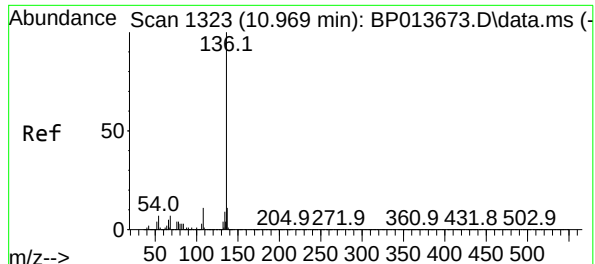
107 100

108 89.5 67.7 107.7

77 33.5 12.0 52.0

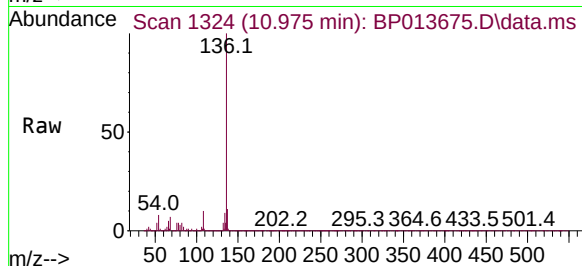
79 29.1 7.5 47.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.975 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

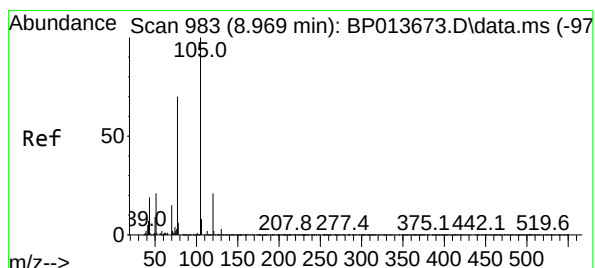
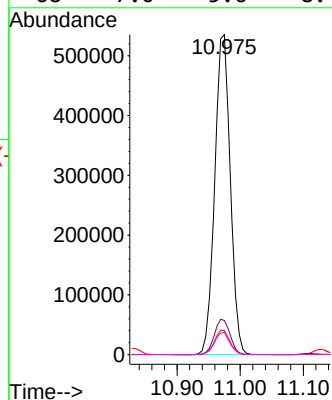
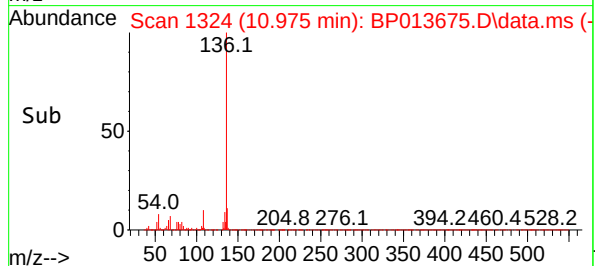
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:136 Resp: 916162
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.5 6.0 9.0
68 7.0 5.6 8.4

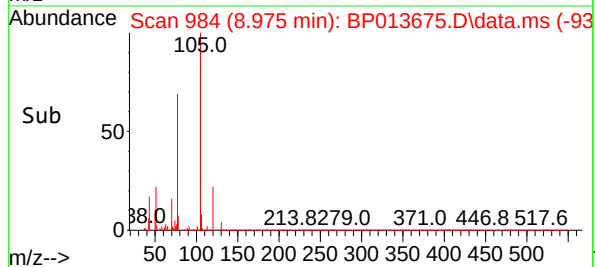
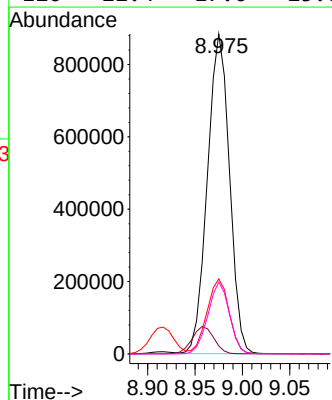
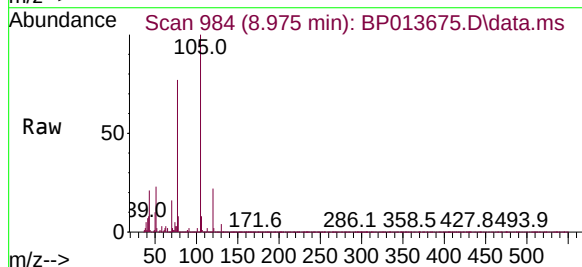
Manual Integrations
APPROVED

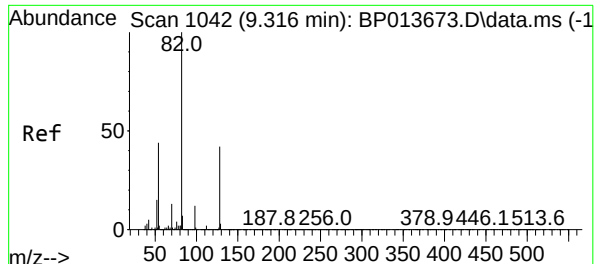
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#22
Acetophenone
Concen: 60.054 ng
RT: 8.975 min Scan# 984
Delta R.T. 0.006 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

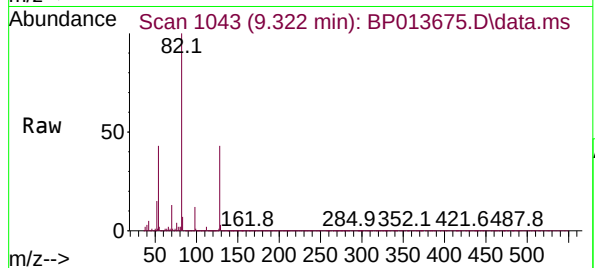
Tgt Ion:105 Resp: 1434753
Ion Ratio Lower Upper
105 100
71 2.5 2.2 3.2
51 23.4 18.6 27.8
120 22.4 17.0 25.6





#23
Nitrobenzene-d5
Concen: 131.432 ng
RT: 9.322 min Scan# 1043
Delta R.T. 0.006 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

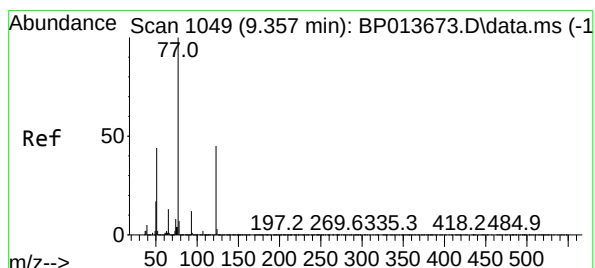
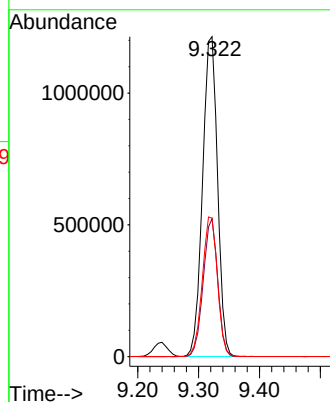
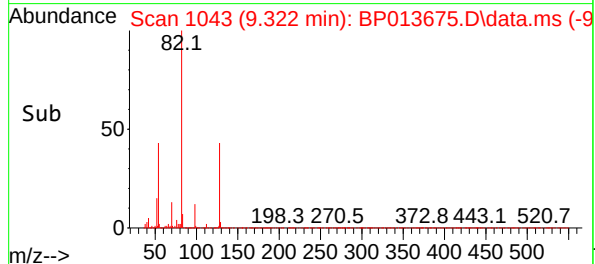
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



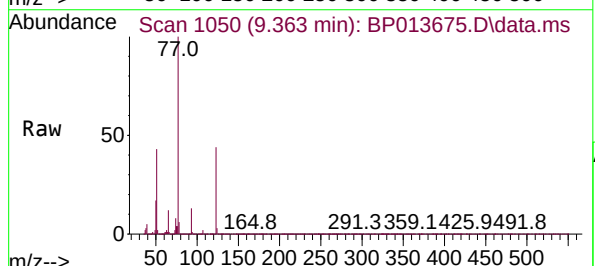
Tgt Ion: 82 Resp: 2070036
Ion Ratio Lower Upper
82 100
128 43.1 33.4 50.0
54 43.3 35.4 53.0

Manual Integrations
APPROVED

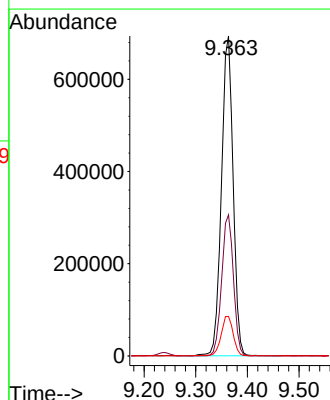
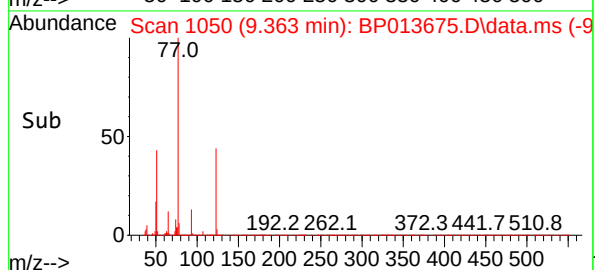
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

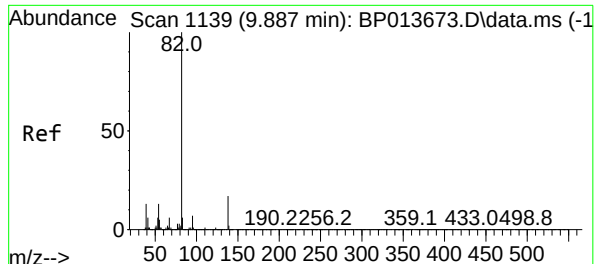


#24
Nitrobenzene
Concen: 64.288 ng
RT: 9.363 min Scan# 1050
Delta R.T. 0.006 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47



Tgt Ion: 77 Resp: 1098251
Ion Ratio Lower Upper
77 100
123 44.1 35.9 53.9
65 12.3 10.2 15.4





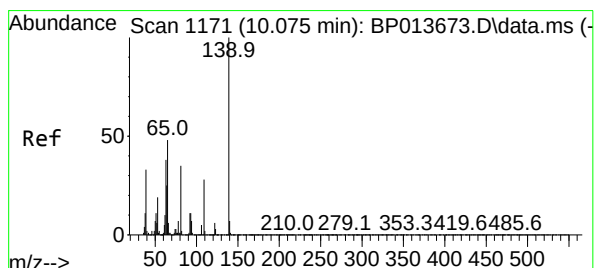
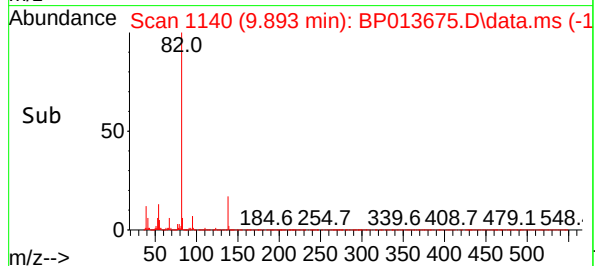
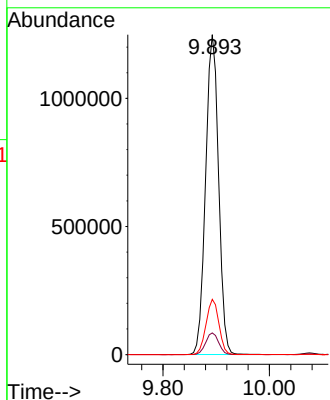
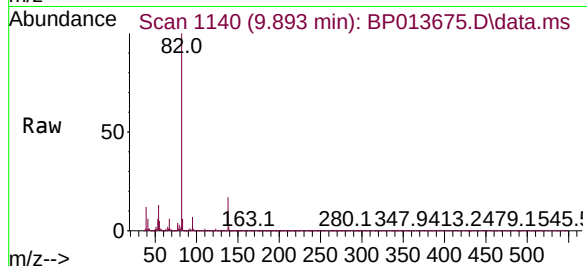
#25
Isophorone
Concen: 60.411 ng
RT: 9.893 min Scan# 1139
Delta R.T. 0.006 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 2108864
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 17.3 13.9 20.9

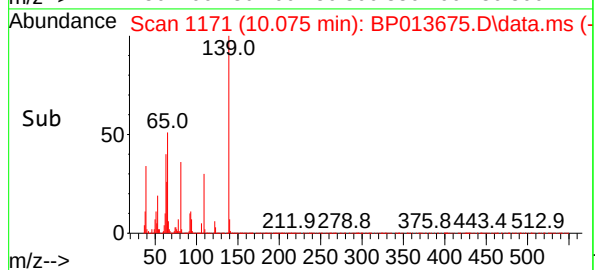
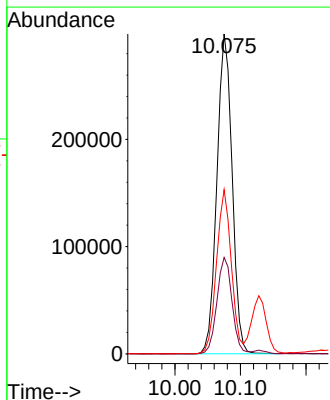
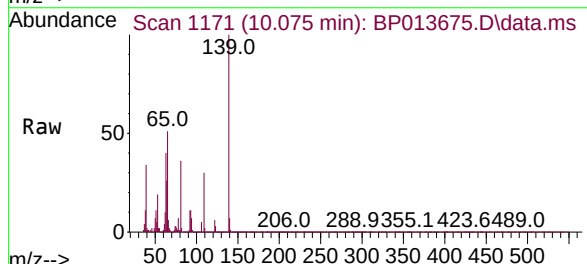
Manual Integrations
APPROVED

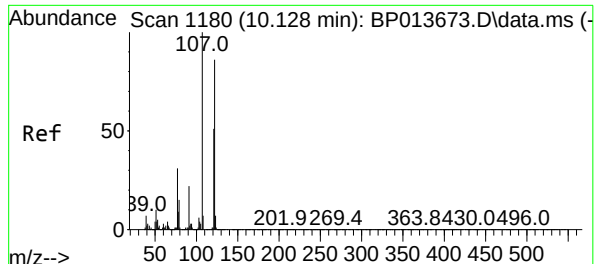
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#26
2-Nitrophenol
Concen: 67.490 ng
RT: 10.075 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

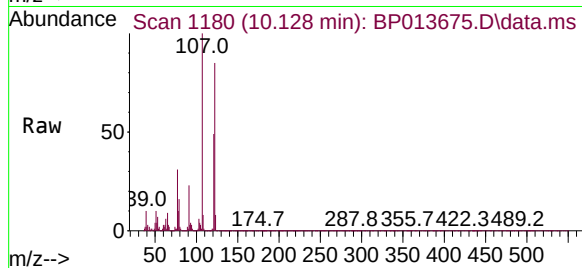
Tgt Ion:139 Resp: 482585
Ion Ratio Lower Upper
139 100
109 30.1 22.7 34.1
65 51.3 38.8 58.2





#27
2,4-Dimethylphenol
Concen: 58.390 ng
RT: 10.128 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

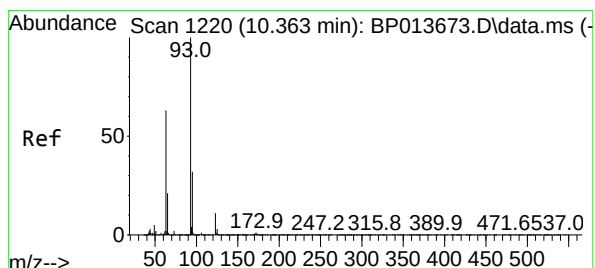
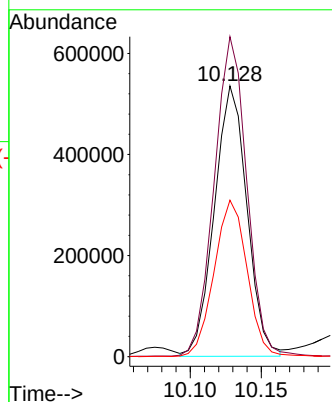
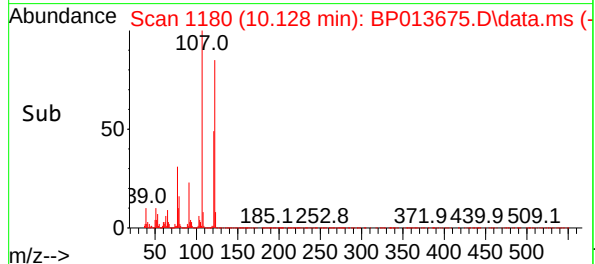
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



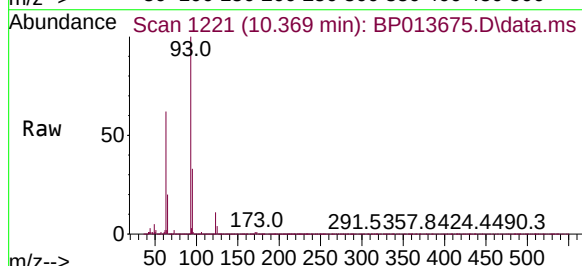
Tgt Ion: 122 Resp: 854793
Ion Ratio Lower Upper
122 100
107 118.2 93.0 139.6
121 57.8 47.0 70.4

Manual Integrations
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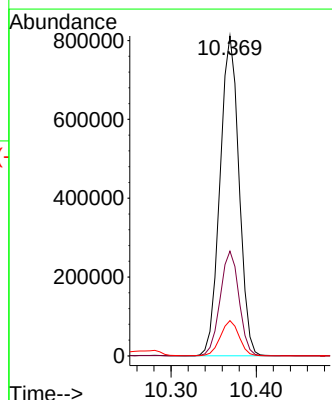
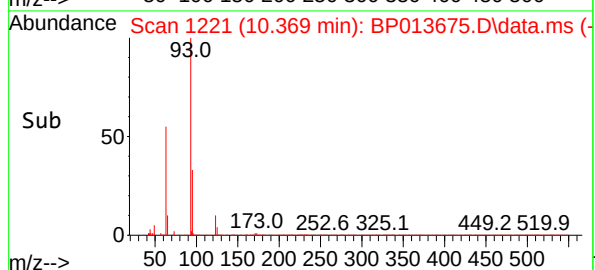
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

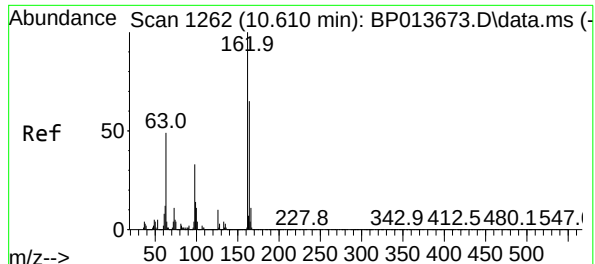


#28
bis(2-Chloroethoxy)methane
Concen: 59.984 ng
RT: 10.369 min Scan# 1221
Delta R.T. 0.006 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47



Tgt Ion: 93 Resp: 1255035
Ion Ratio Lower Upper
93 100
95 32.7 26.0 39.0
123 11.0 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 62.253 ng

RT: 10.610 min Scan# 1262

Delta R.T. 0.000 min

Lab File: BP013675.D

Acq: 31 Jan 2023 14:47

Instrument :

BNA_P

ClientSampleId :

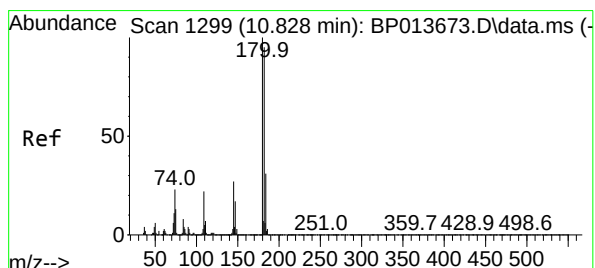
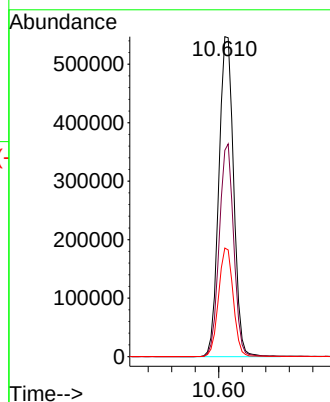
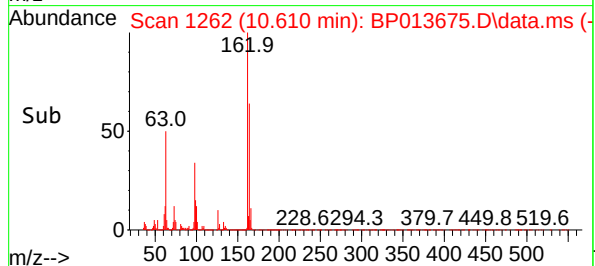
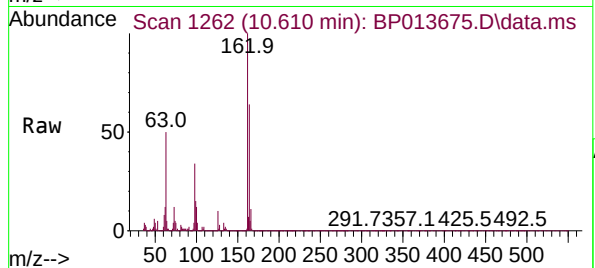
SSTDICC060

Tgt Ion:	162	Resp:	95458
Ion Ratio	Lower	Upper	
162	100		
164	64.5	44.8	84.8
98	33.9	13.4	53.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#30

1,2,4-Trichlorobenzene

Concen: 60.360 ng

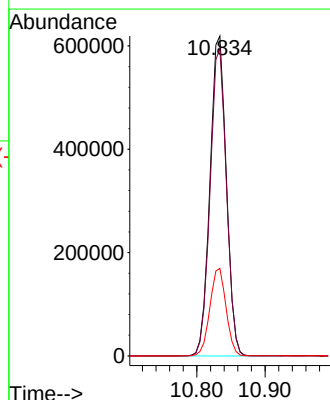
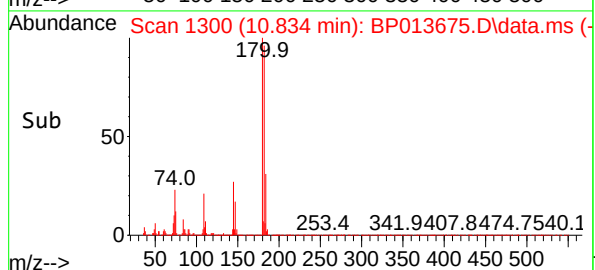
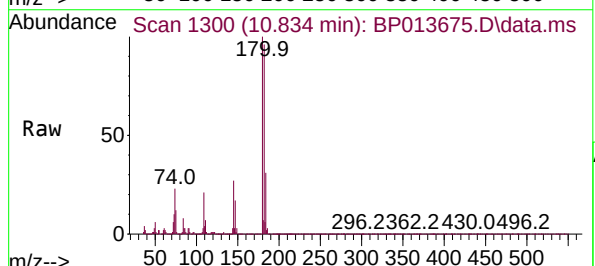
RT: 10.834 min Scan# 1300

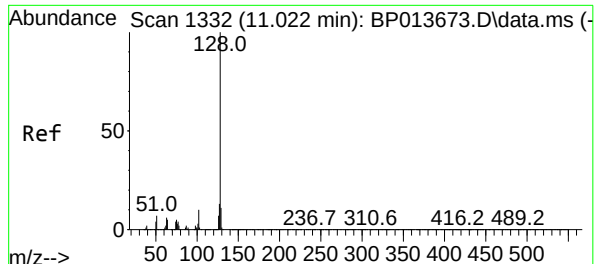
Delta R.T. 0.006 min

Lab File: BP013675.D

Acq: 31 Jan 2023 14:47

Tgt Ion:	180	Resp:	1026986
Ion Ratio	Lower	Upper	
180	100		
182	96.2	76.4	114.6
145	27.3	21.9	32.9





#31

Naphthalene

Concen: 58.946 ng

RT: 11.022 min Scan# 1332

Delta R.T. -0.000 min

Lab File: BP013675.D

Acq: 31 Jan 2023 14:47

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:128 Resp: 2839540

Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

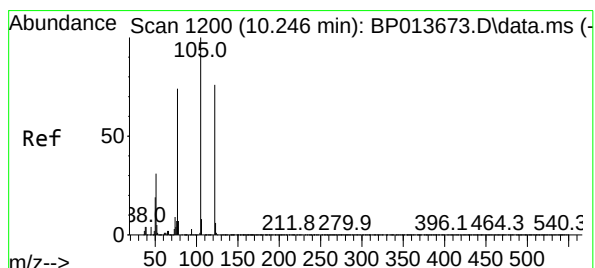
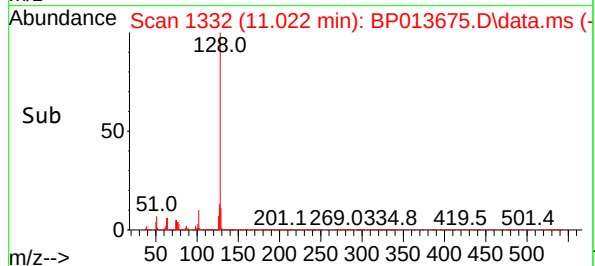
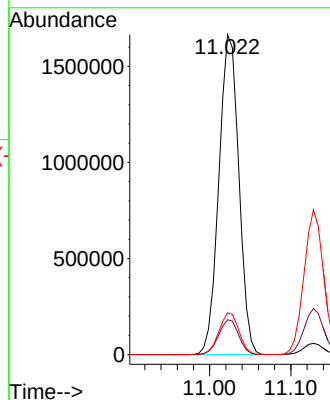
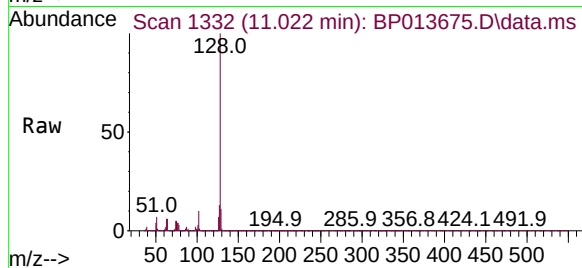
127 13.1 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#32

Benzoic acid

Concen: 65.558 ng

RT: 10.281 min Scan# 1206

Delta R.T. 0.035 min

Lab File: BP013675.D

Acq: 31 Jan 2023 14:47

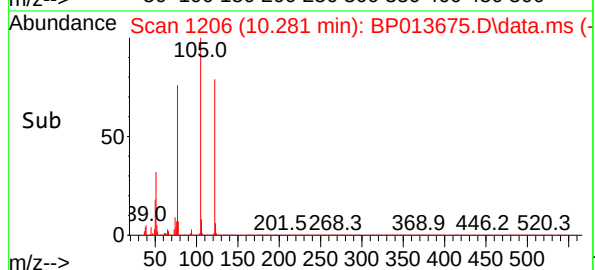
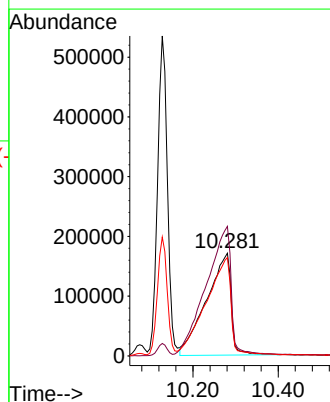
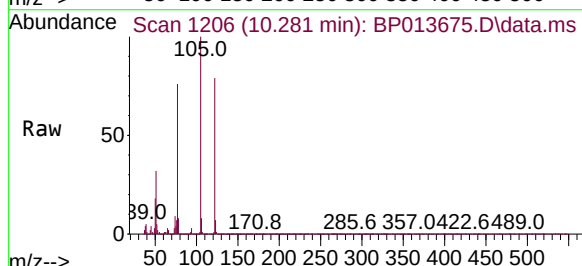
Tgt Ion:122 Resp: 686594

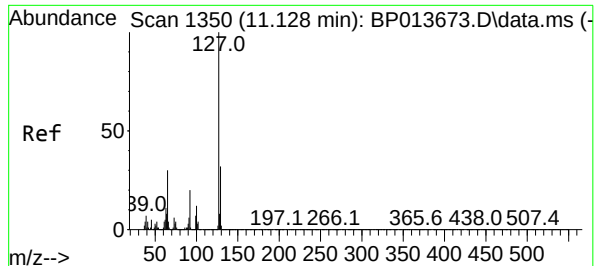
Ion Ratio Lower Upper

122 100

105 126.2 105.5 145.5

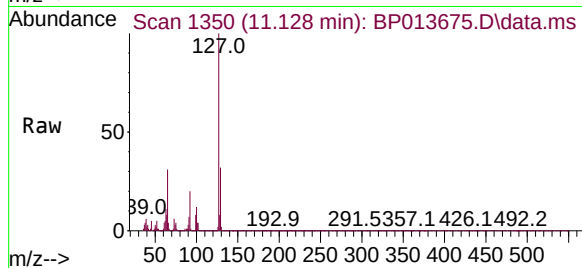
77 95.8 74.7 114.7





#33
4-Chloroaniline
Concen: 60.296 ng
RT: 11.128 min Scan# 1350
Delta R.T. 0.000 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

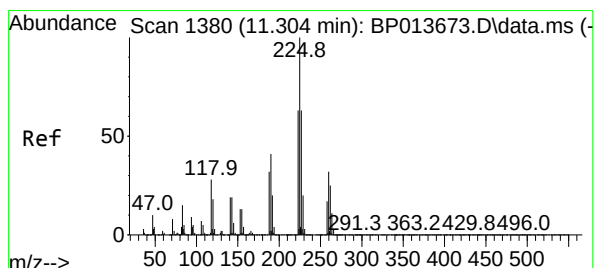
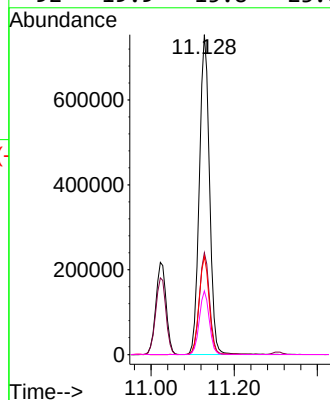
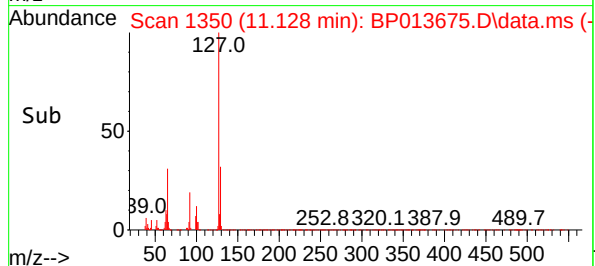
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:127 Resp: 1276248
Ion Ratio Lower Upper
127 100
129 31.8 25.3 37.9
65 30.7 23.8 35.8
92 19.9 15.8 23.6

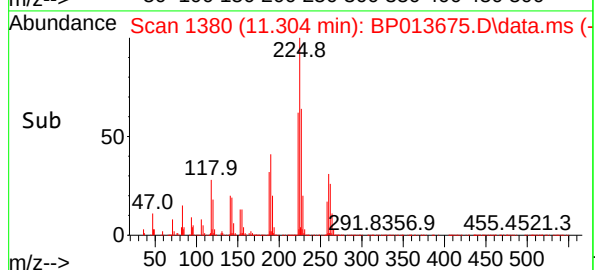
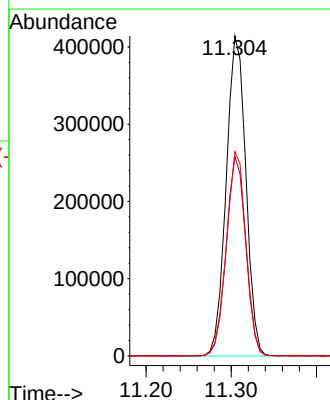
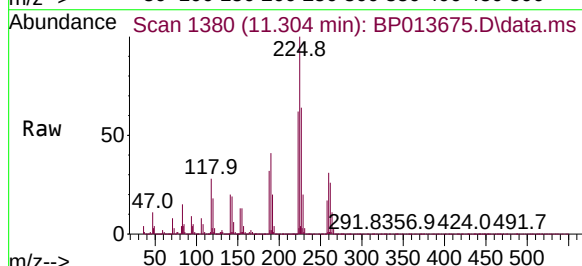
Manual Integrations
APPROVED

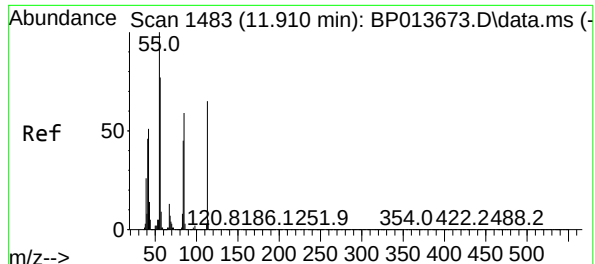
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#34
Hexachlorobutadiene
Concen: 61.382 ng
RT: 11.304 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

Tgt Ion:225 Resp: 662943
Ion Ratio Lower Upper
225 100
223 62.3 50.5 75.7
227 63.8 50.6 75.8





#35

Caprolactam

Concen: 61.904 ng

RT: 11.928 min Scan# 1486

Delta R.T. 0.018 min

Lab File: BP013675.D

Acq: 31 Jan 2023 14:47

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:113 Resp: 31052

Ion Ratio Lower Upper

113 100

55 156.7 133.0 173.0

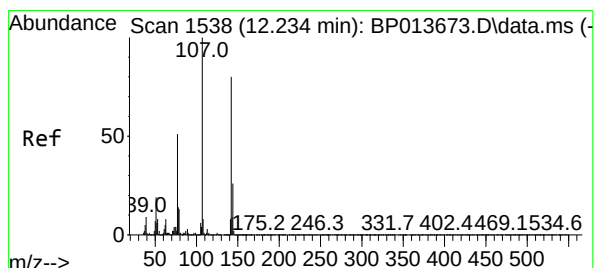
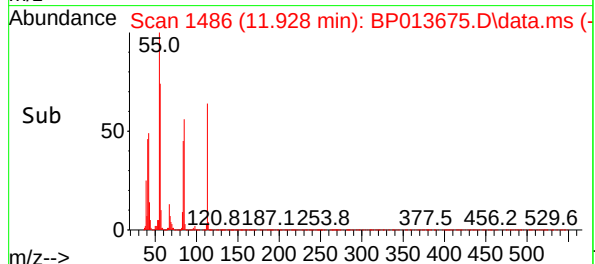
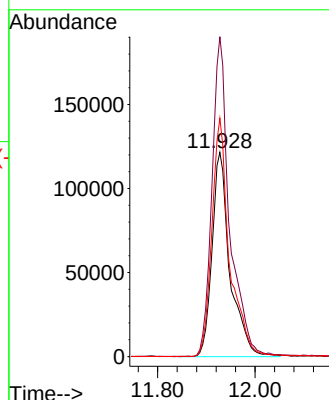
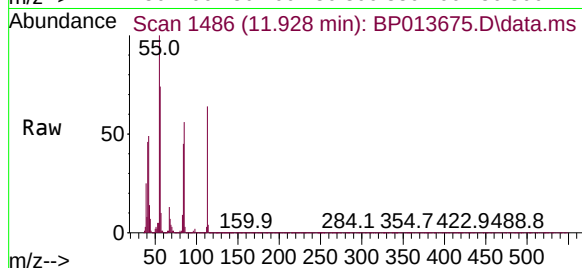
56 116.7 97.4 137.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#36

4-Chloro-3-methylphenol

Concen: 61.528 ng

RT: 12.234 min Scan# 1538

Delta R.T. 0.000 min

Lab File: BP013675.D

Acq: 31 Jan 2023 14:47

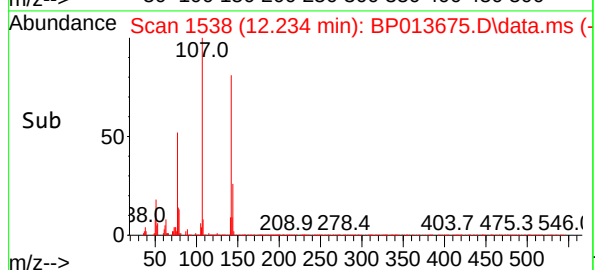
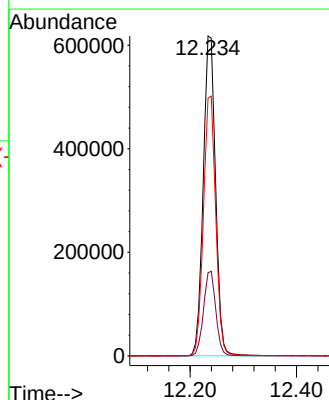
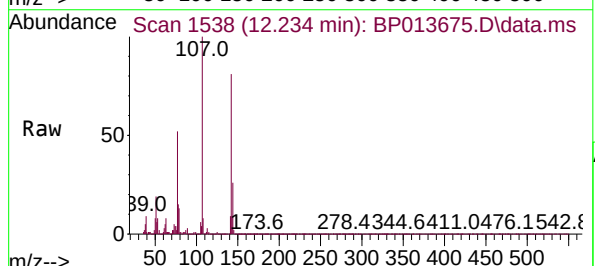
Tgt Ion:107 Resp: 992433

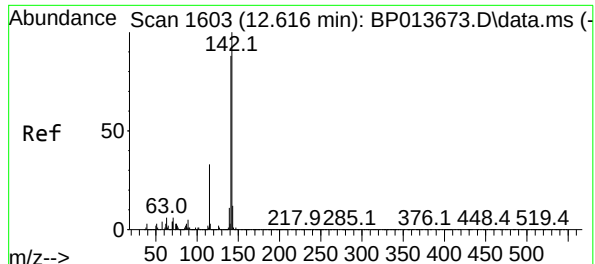
Ion Ratio Lower Upper

107 100

144 26.0 20.8 31.2

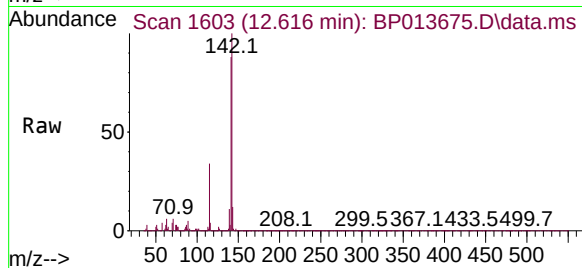
142 80.5 64.0 96.0





#37
2-Methylnaphthalene
Concen: 59.799 ng
RT: 12.616 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

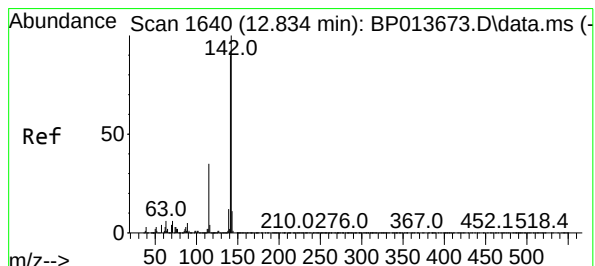
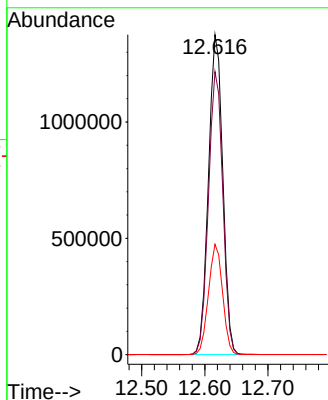
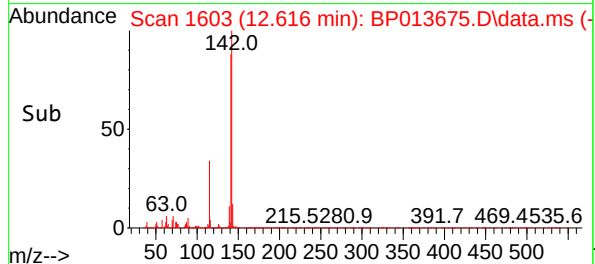
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:142 Resp: 2165976
Ion Ratio Lower Upper
142 100
141 88.4 70.3 105.5
115 34.5 26.4 39.6

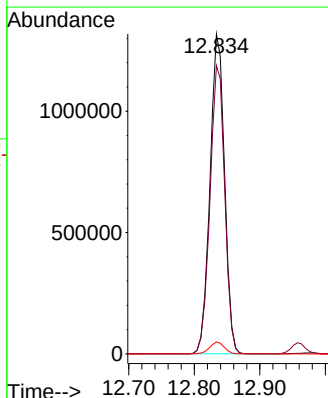
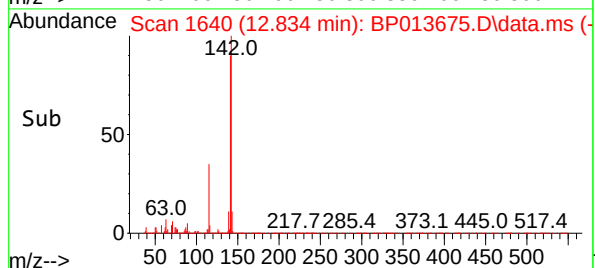
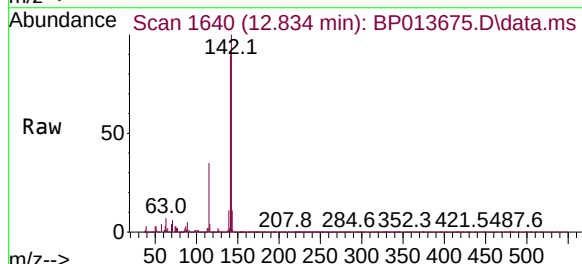
Manual Integrations
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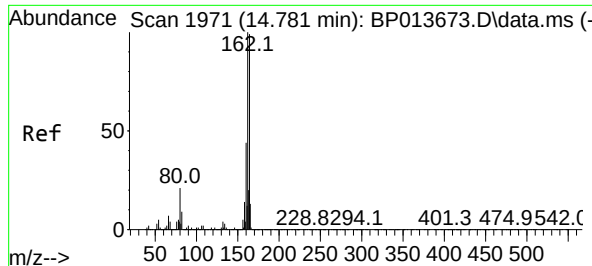
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#38
1-Methylnaphthalene
Concen: 59.645 ng
RT: 12.834 min Scan# 1640
Delta R.T. 0.000 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

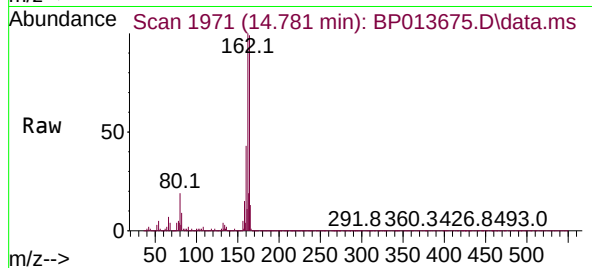
Tgt Ion:142 Resp: 2029388
Ion Ratio Lower Upper
142 100
141 90.1 72.2 108.4
116 3.7 3.0 4.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.781 min Scan# 1971
Delta R.T. 0.000 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

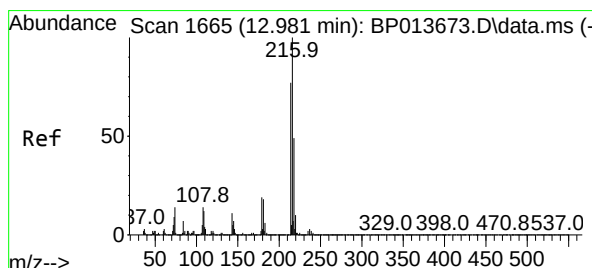
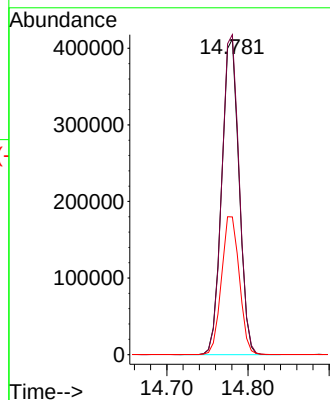
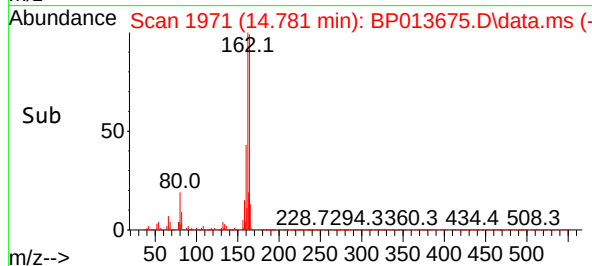
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



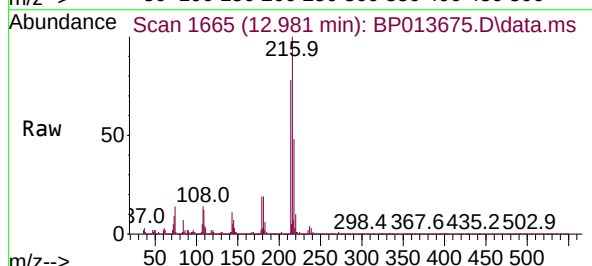
Tgt Ion:164 Resp: 607852
Ion Ratio Lower Upper
164 100
162 101.5 80.8 121.2
160 43.7 35.6 53.4

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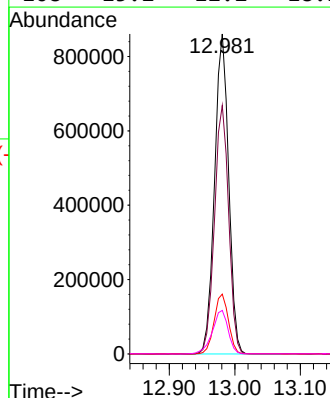
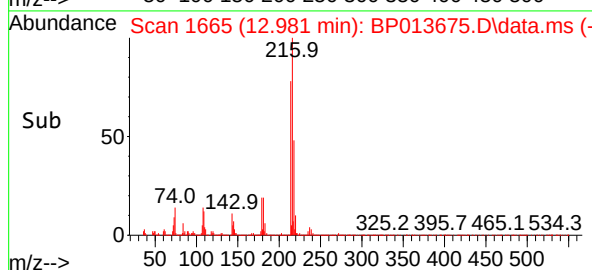
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

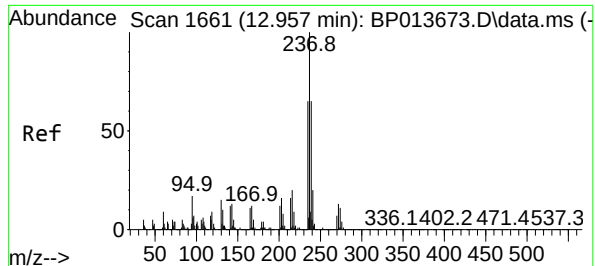


#40
1,2,4,5-Tetrachlorobenzene
Concen: 61.958 ng
RT: 12.981 min Scan# 1665
Delta R.T. -0.000 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47



Tgt Ion:216 Resp: 1285768
Ion Ratio Lower Upper
216 100
214 78.2 62.6 94.0
179 19.0 15.2 22.8
108 15.2 12.2 18.2





#41

Hexachlorocyclopentadiene

Concen: 67.980 ng

RT: 12.957 min Scan# 1661

Delta R.T. 0.000 min

Lab File: BP013675.D

Acq: 31 Jan 2023 14:47

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:237 Resp: 643896

Ion Ratio Lower Upper

237 100

235 62.3 44.6 84.6

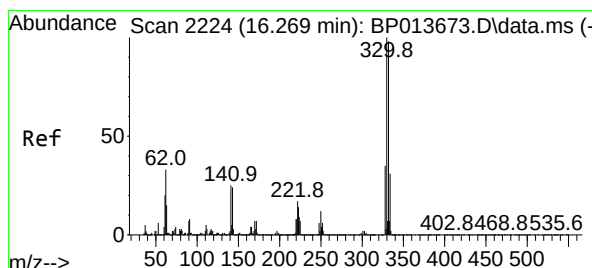
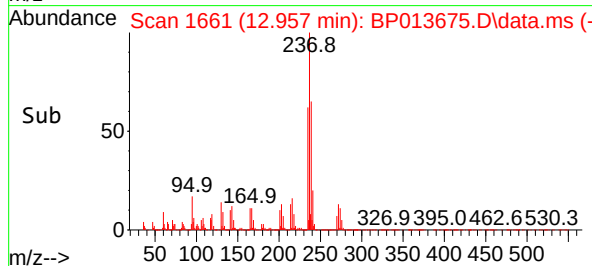
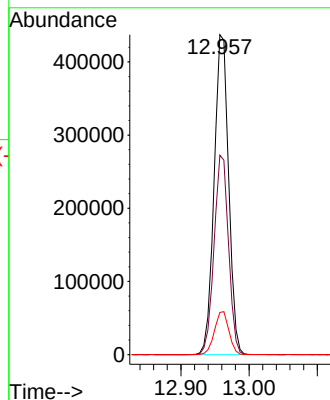
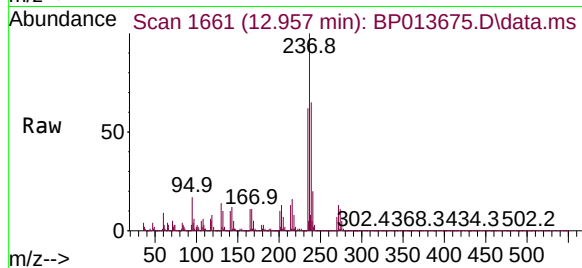
272 13.2 0.0 33.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#42

2,4,6-Tribromophenol

Concen: 125.307 ng

RT: 16.269 min Scan# 2224

Delta R.T. -0.000 min

Lab File: BP013675.D

Acq: 31 Jan 2023 14:47

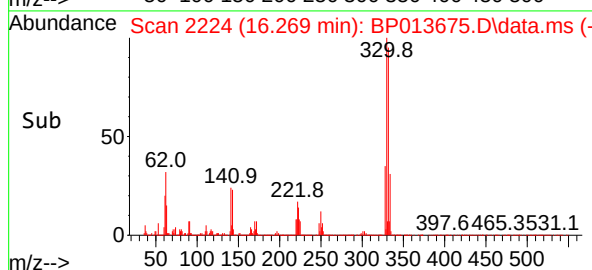
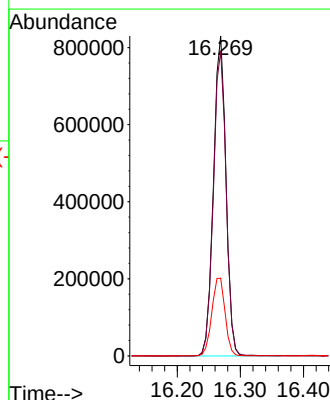
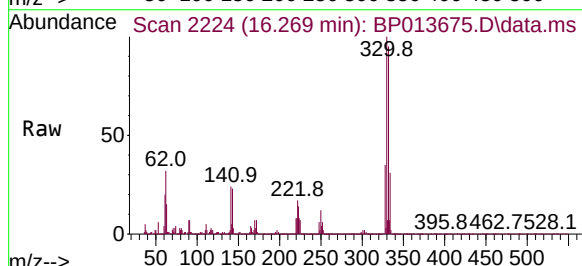
Tgt Ion:330 Resp: 1142437

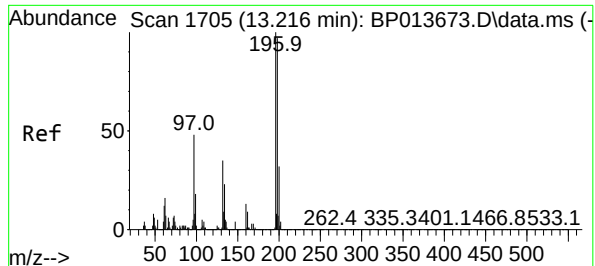
Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.2

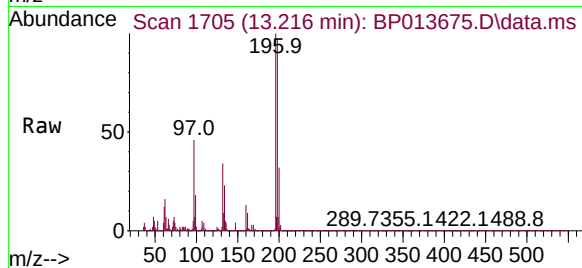
141 25.8 21.3 31.9





#43
2,4,6-Trichlorophenol
Concen: 63.098 ng
RT: 13.216 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

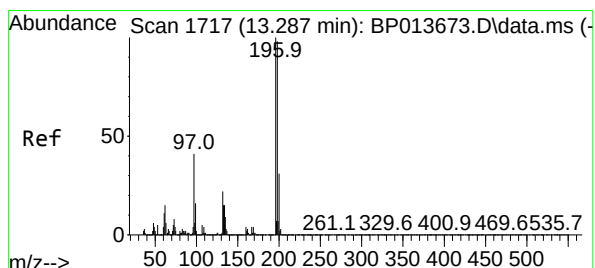
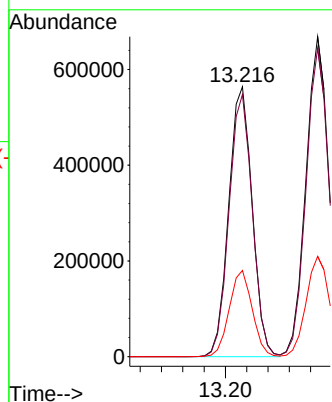
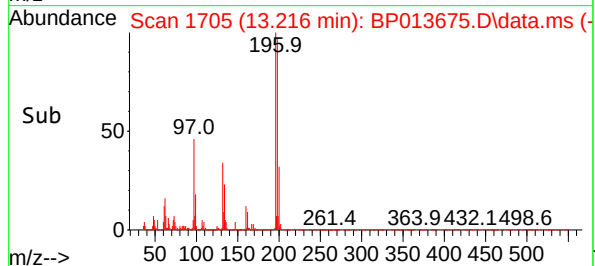
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:196 Resp: 862228
Ion Ratio Lower Upper
196 100
198 97.2 77.5 116.3
200 31.9 25.3 37.9

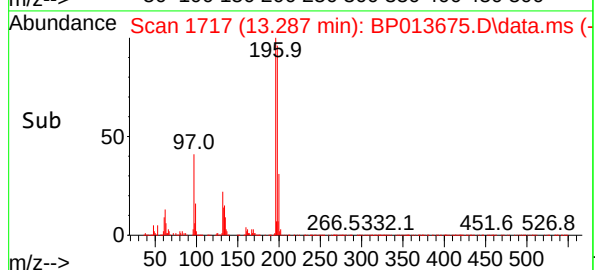
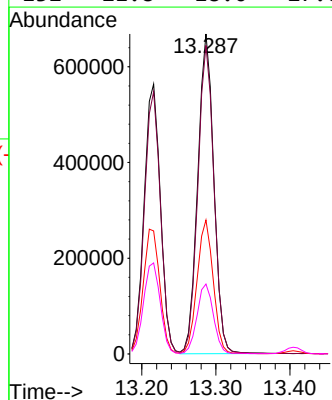
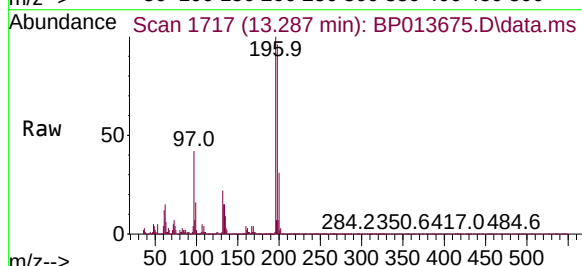
Manual Integrations
APPROVED

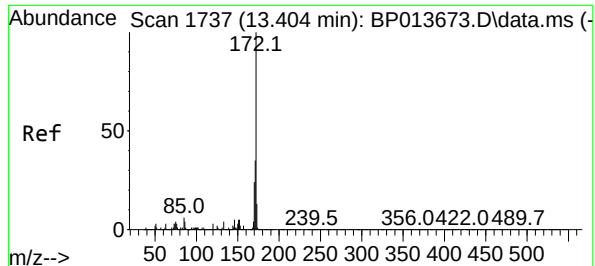
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#44
2,4,5-Trichlorophenol
Concen: 63.033 ng
RT: 13.287 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

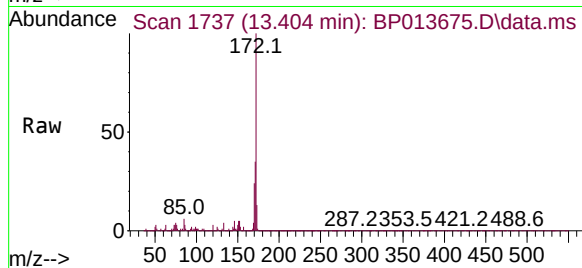
Tgt Ion:196 Resp: 1008486
Ion Ratio Lower Upper
196 100
198 96.4 78.2 117.2
97 41.8 33.2 49.8
132 21.8 18.0 27.0





#45
2-Fluorobiphenyl
Concen: 118.703 ng
RT: 13.404 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

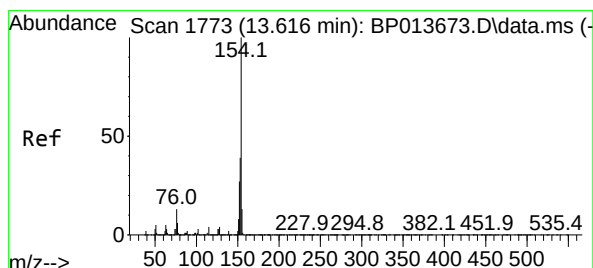
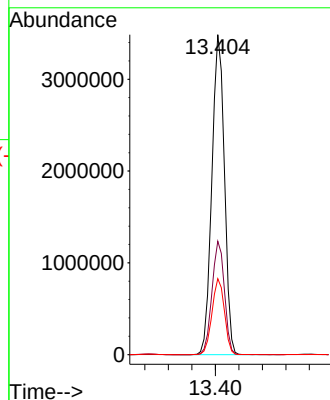
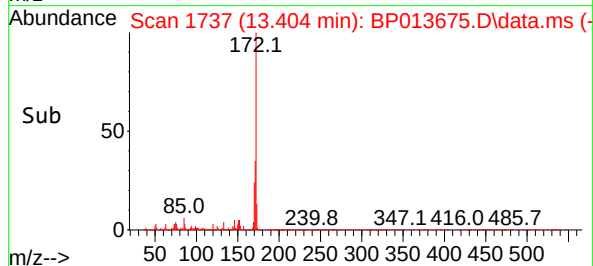
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



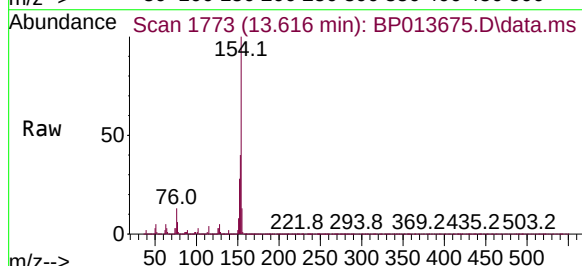
Tgt Ion:172 Resp: 5156538
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.8 19.0 28.4

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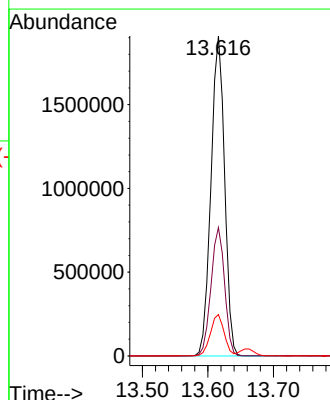
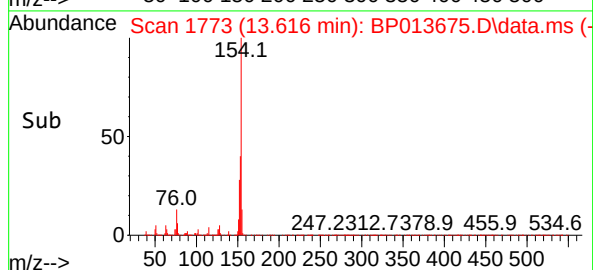
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

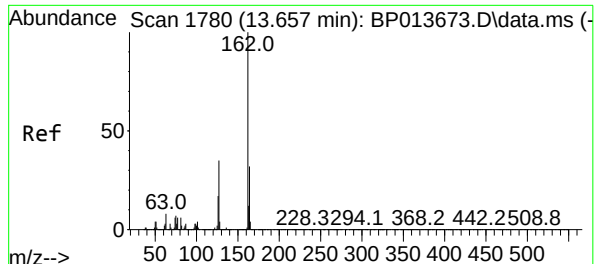


#46
1,1'-Biphenyl
Concen: 59.816 ng
RT: 13.616 min Scan# 1773
Delta R.T. -0.000 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47



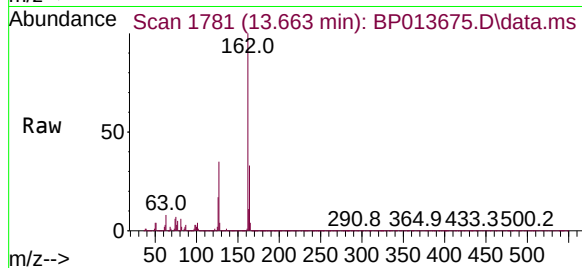
Tgt Ion:154 Resp: 2751462
Ion Ratio Lower Upper
154 100
153 40.1 19.3 59.3
76 12.9 0.0 33.1





#47
2-Chloronaphthalene
Concen: 60.160 ng
RT: 13.663 min Scan# 1781
Delta R.T. 0.006 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

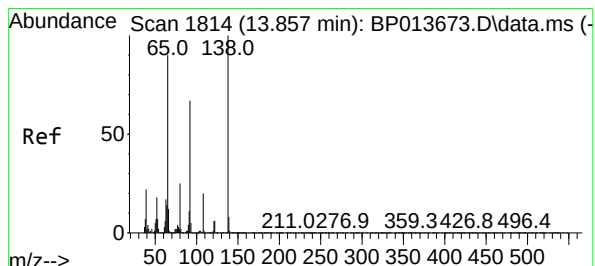
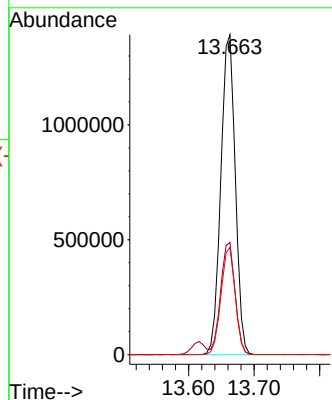
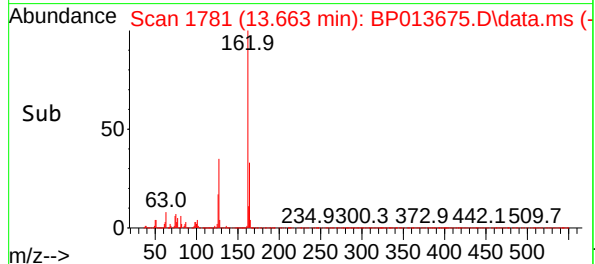
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion: 162 Resp: 2139035
Ion Ratio Lower Upper
162 100
127 35.0 28.3 42.5
164 33.5 25.9 38.9

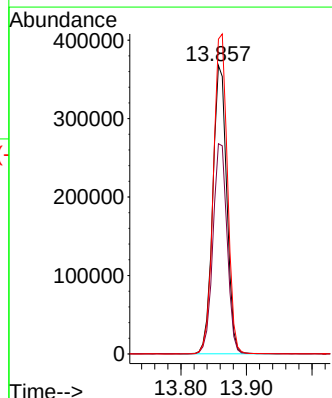
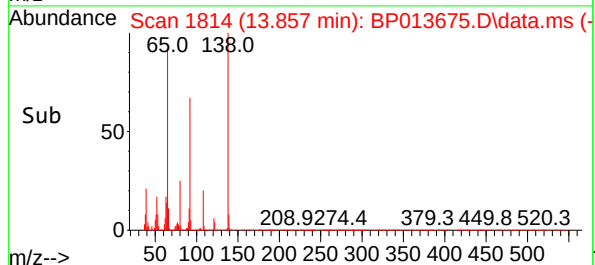
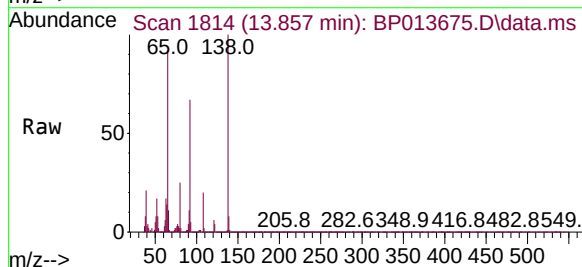
Manual Integrations
APPROVED

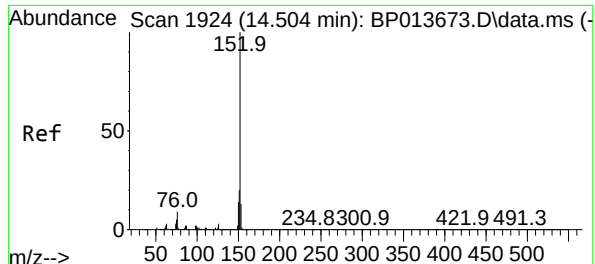
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#48
2-Nitroaniline
Concen: 71.900 ng
RT: 13.857 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

Tgt Ion: 65 Resp: 546260
Ion Ratio Lower Upper
65 100
92 72.9 59.4 89.0
138 109.2 88.6 133.0





#49

Acenaphthylene

Concen: 60.450 ng

RT: 14.504 min Scan# 1924

Delta R.T. 0.000 min

Lab File: BP013675.D

Acq: 31 Jan 2023 14:47

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:152 Resp: 3466104

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.6

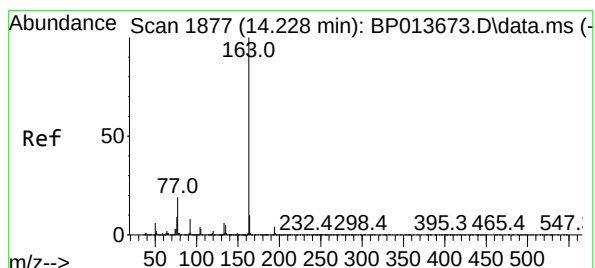
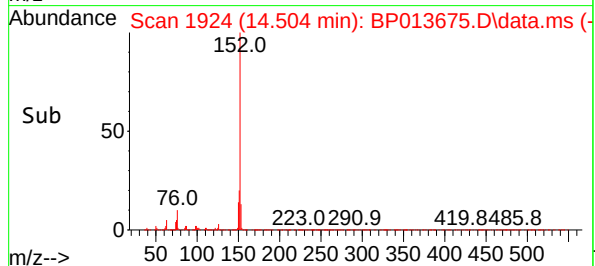
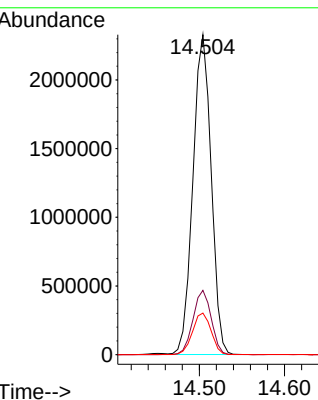
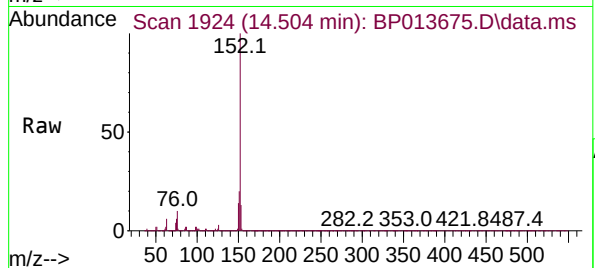
153 13.0 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#50

Dimethylphthalate

Concen: 59.804 ng

RT: 14.228 min Scan# 1877

Delta R.T. 0.000 min

Lab File: BP013675.D

Acq: 31 Jan 2023 14:47

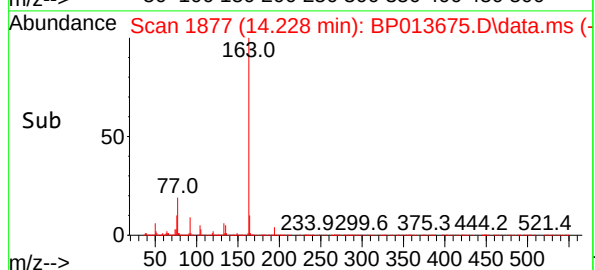
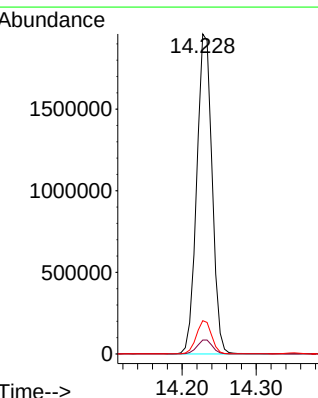
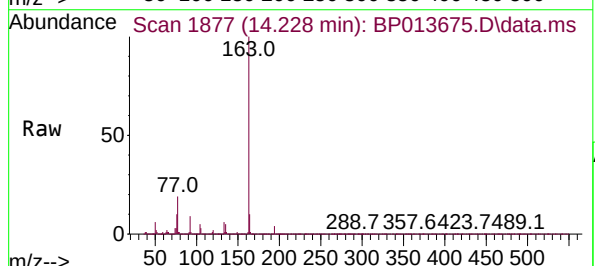
Tgt Ion:163 Resp: 2811702

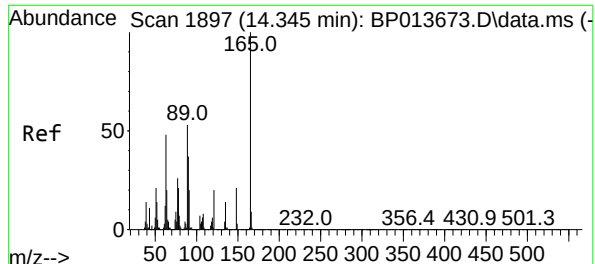
Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

164 10.4 8.4 12.6





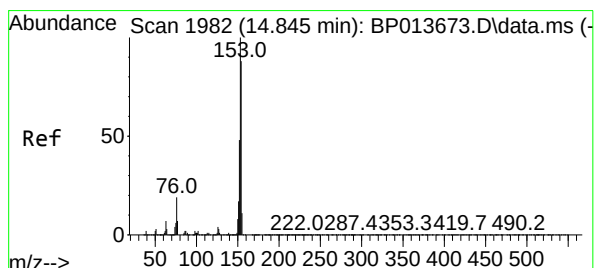
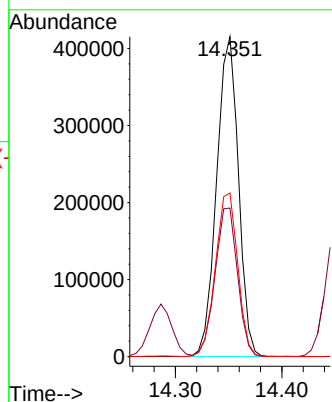
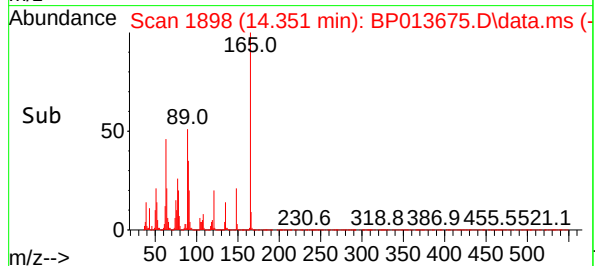
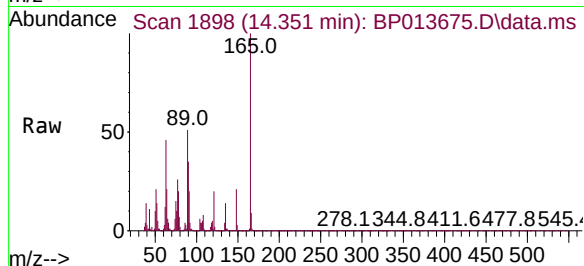
#51
2,6-Dinitrotoluene
Concen: 70.334 ng
RT: 14.351 min Scan# 1898
Delta R.T. 0.006 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 591016
Ion Ratio Lower Upper
165 100
63 46.4 39.8 59.6
89 51.1 42.4 63.6

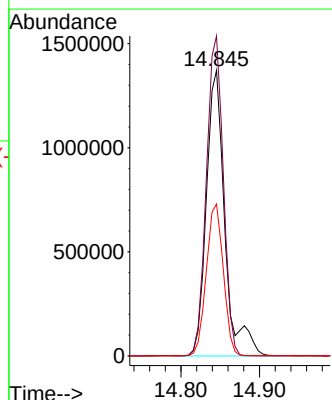
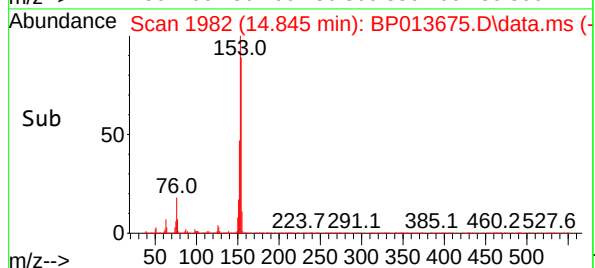
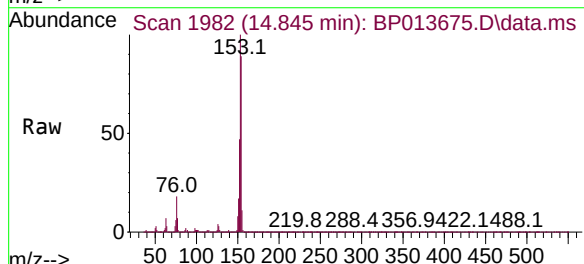
Manual Integrations
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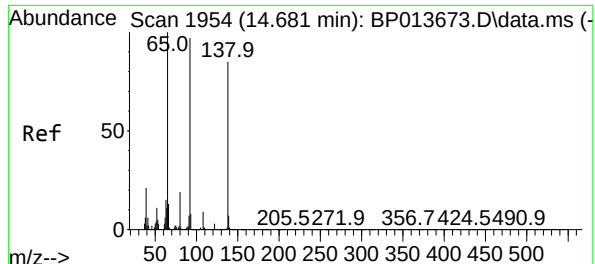
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#52
Acenaphthene
Concen: 62.775 ng m
RT: 14.845 min Scan# 1982
Delta R.T. 0.000 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

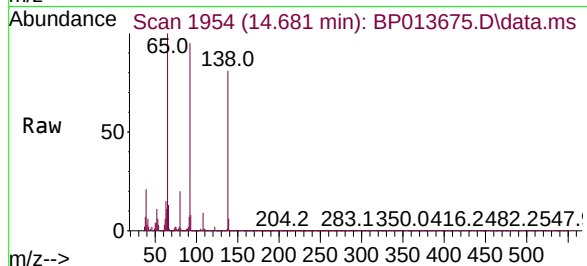
Tgt Ion:154 Resp: 2245118
Ion Ratio Lower Upper
154 100
153 112.1 90.6 135.8
152 53.2 43.4 65.0





#53
3-Nitroaniline
Concen: 68.239 ng
RT: 14.681 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

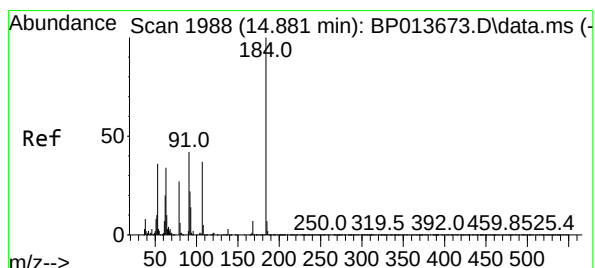
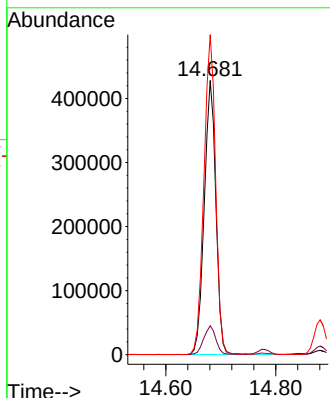
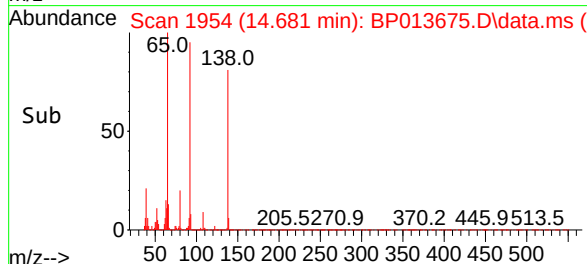
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:138 Resp: 625350
Ion Ratio Lower Upper
138 100
108 10.5 8.5 12.7
92 116.7 91.5 137.3

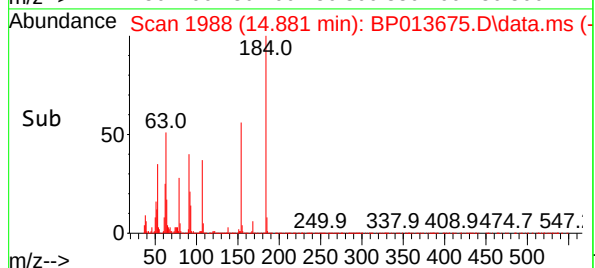
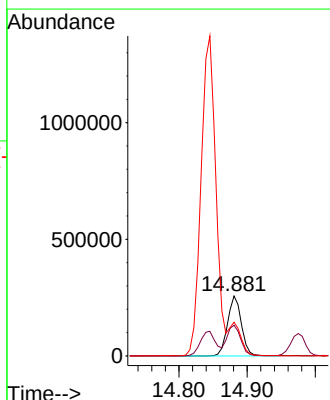
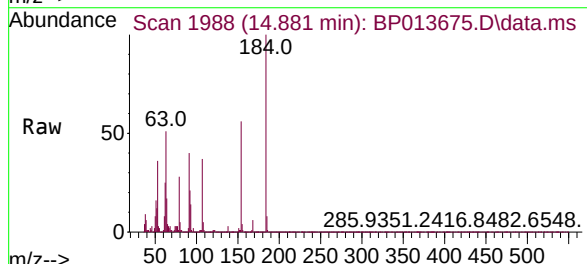
Manual Integrations
APPROVED

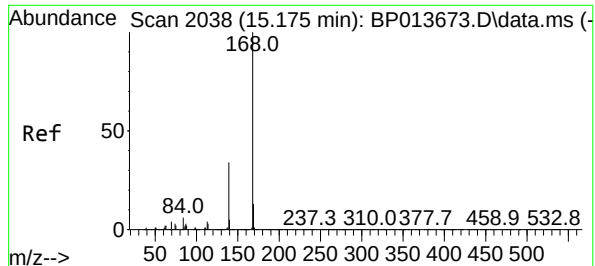
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#54
2,4-Dinitrophenol
Concen: 70.235 ng
RT: 14.881 min Scan# 1988
Delta R.T. -0.000 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

Tgt Ion:184 Resp: 359196
Ion Ratio Lower Upper
184 100
63 51.2 41.4 62.0
154 56.2 44.3 66.5





#55

Dibenzenofuran

Concen: 59.464 ng

RT: 15.175 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BP013675.D

Acq: 31 Jan 2023 14:47

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:168 Resp: 3435352

Ion Ratio Lower Upper

168 100

139 33.8 27.4 41.2

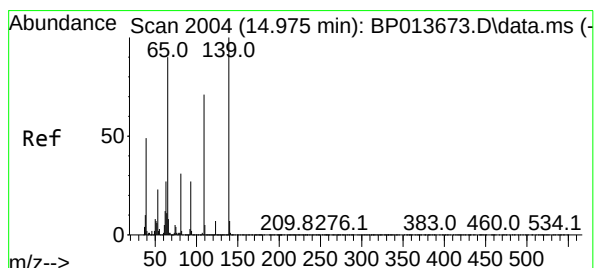
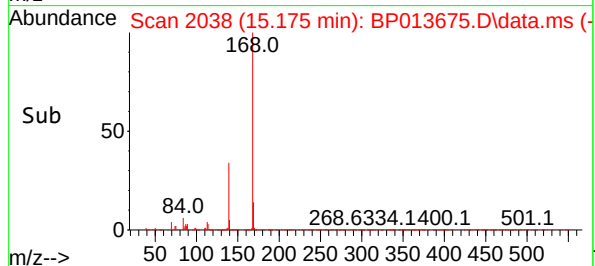
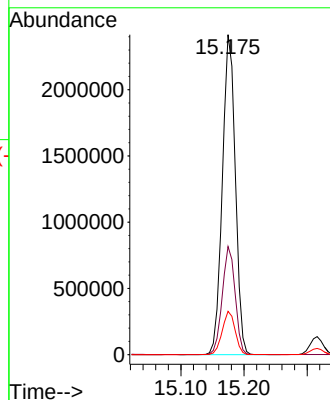
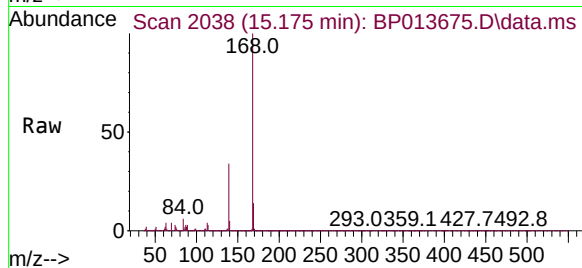
169 13.5 10.7 16.1

Manual Integrations

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Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#56

4-Nitrophenol

Concen: 64.296 ng

RT: 14.975 min Scan# 2004

Delta R.T. -0.000 min

Lab File: BP013675.D

Acq: 31 Jan 2023 14:47

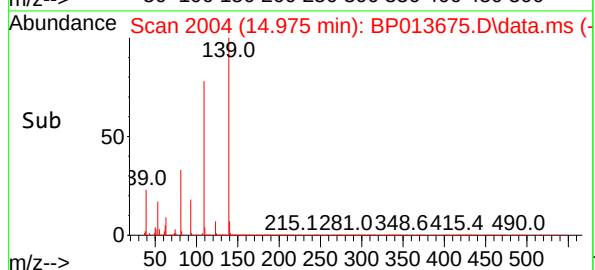
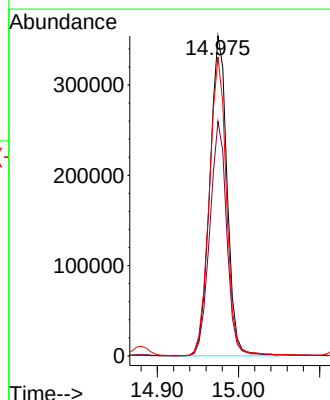
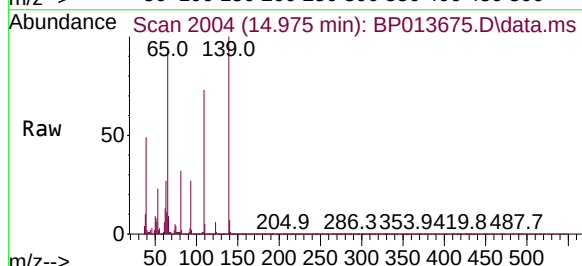
Tgt Ion:139 Resp: 524119

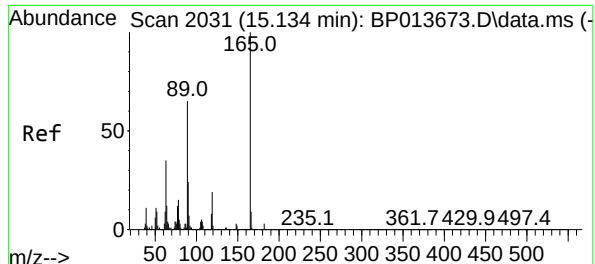
Ion Ratio Lower Upper

139 100

109 73.3 50.9 90.9

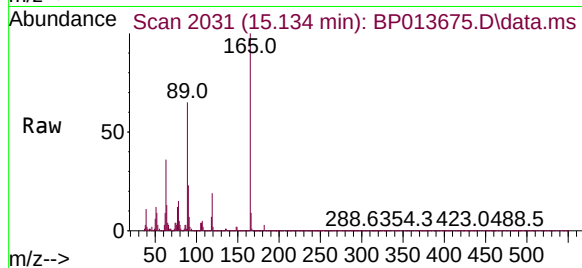
65 93.4 70.0 110.0





#57
2,4-Dinitrotoluene
Concen: 72.027 ng
RT: 15.134 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

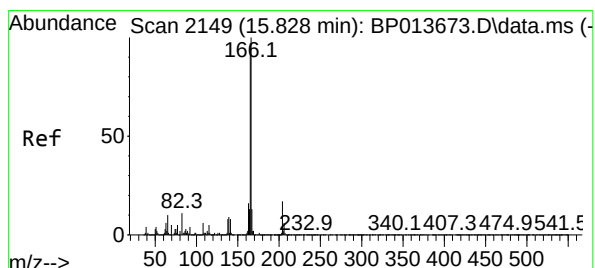
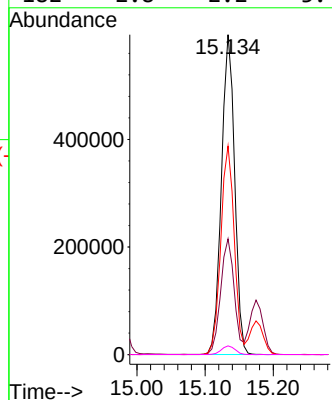
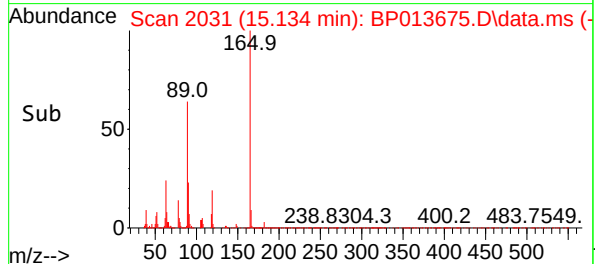
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



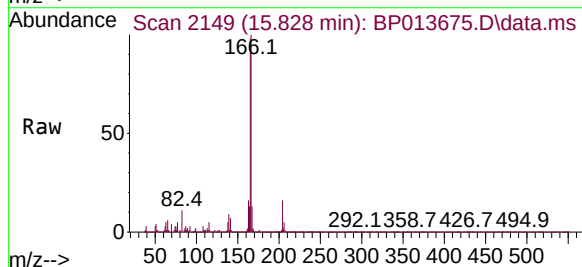
Tgt Ion:165 Resp: 794265
Ion Ratio Lower Upper
165 100
63 36.2 28.1 42.1
89 65.2 52.0 78.0
182 2.8 2.2 3.4

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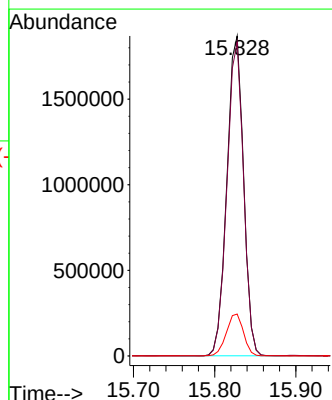
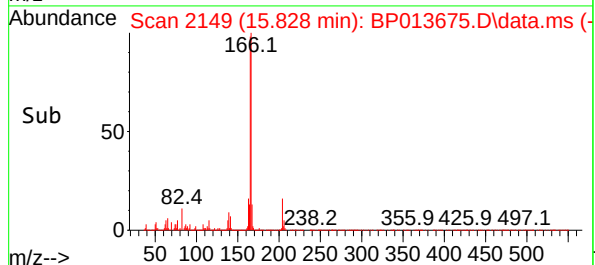
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

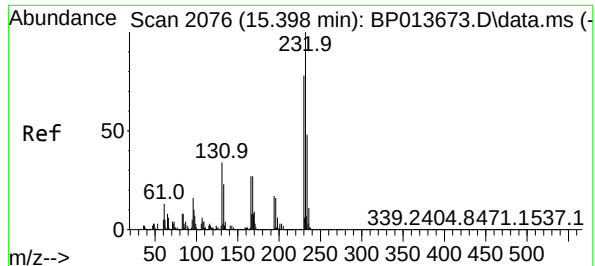


#58
Fluorene
Concen: 58.832 ng
RT: 15.828 min Scan# 2149
Delta R.T. -0.000 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47



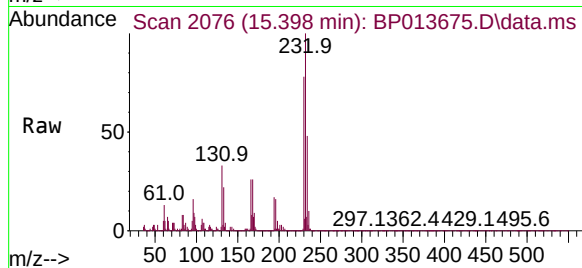
Tgt Ion:166 Resp: 2668499
Ion Ratio Lower Upper
166 100
165 98.0 77.6 116.4
167 13.1 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 61.922 ng
RT: 15.398 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

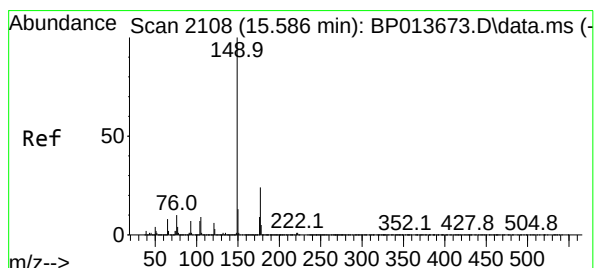
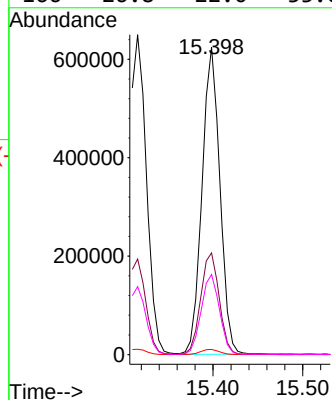
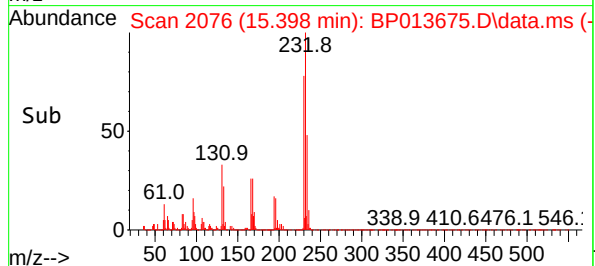
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:232 Resp: 861481
Ion Ratio Lower Upper
232 100
131 34.3 27.9 41.9
130 1.8 1.4 2.0
166 26.8 22.0 33.0

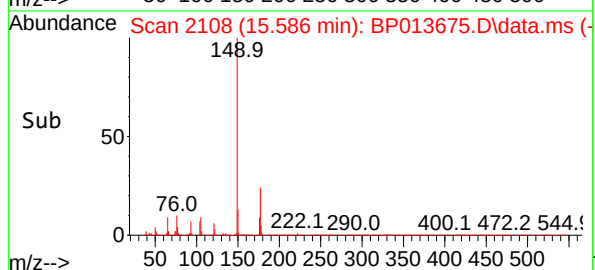
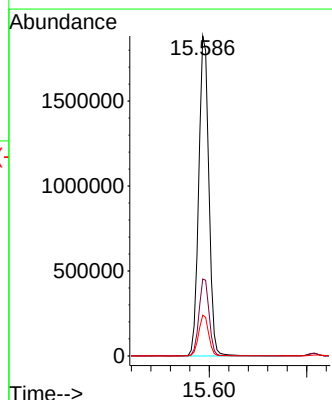
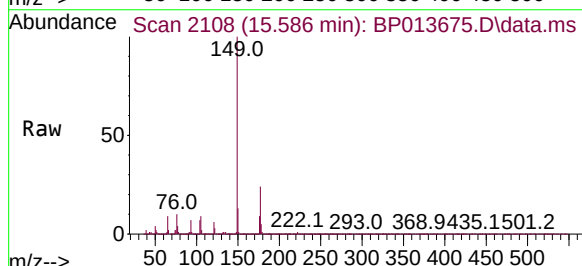
Manual Integrations
APPROVED

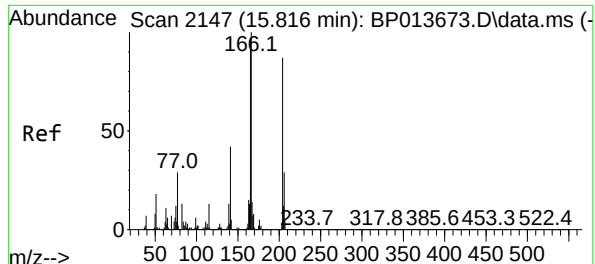
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#60
Diethylphthalate
Concen: 59.582 ng
RT: 15.586 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

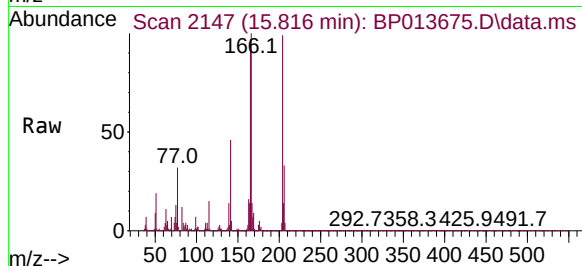
Tgt Ion:149 Resp: 2685481
Ion Ratio Lower Upper
149 100
177 24.0 19.2 28.8
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 59.565 ng
RT: 15.816 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

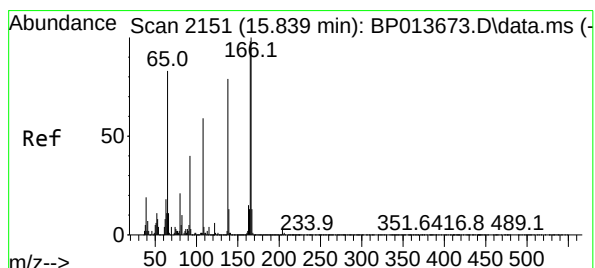
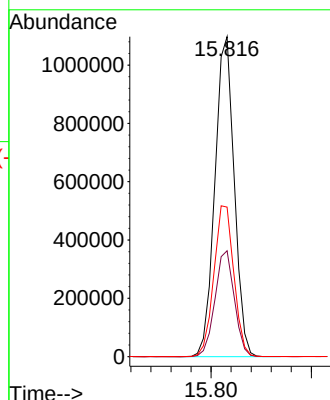
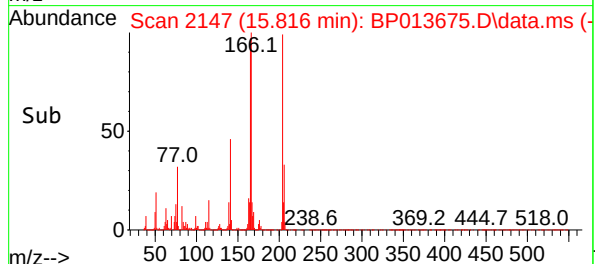
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:204 Resp: 1471252
Ion Ratio Lower Upper
204 100
206 33.1 26.6 40.0
141 46.7 38.1 57.1

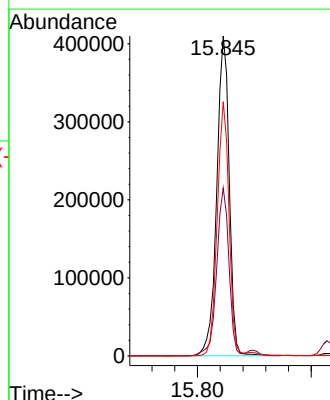
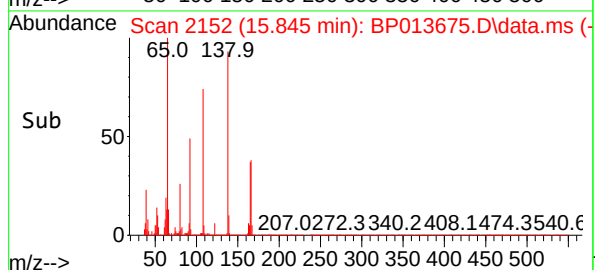
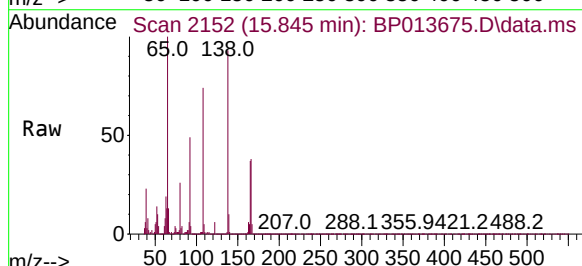
Manual Integrations
APPROVED

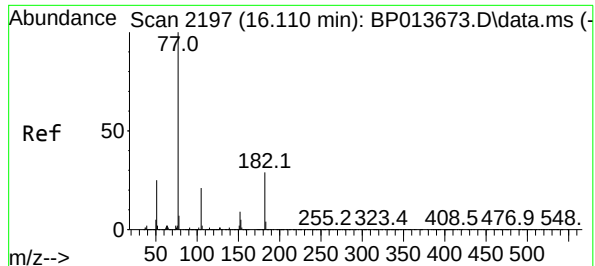
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#62
4-Nitroaniline
Concen: 68.743 ng
RT: 15.845 min Scan# 2152
Delta R.T. 0.006 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

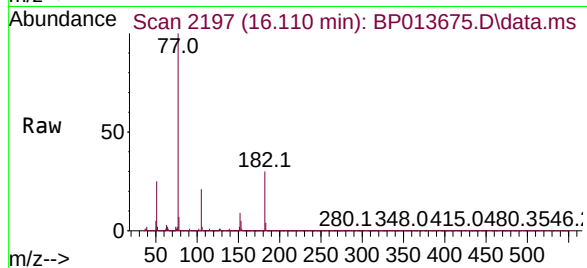
Tgt Ion:138 Resp: 625615
Ion Ratio Lower Upper
138 100
92 52.5 30.3 70.3
108 79.4 55.4 95.4





#63
Azobenzene
Concen: 60.110 ng
RT: 16.110 min Scan# 2197
Delta R.T. -0.000 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

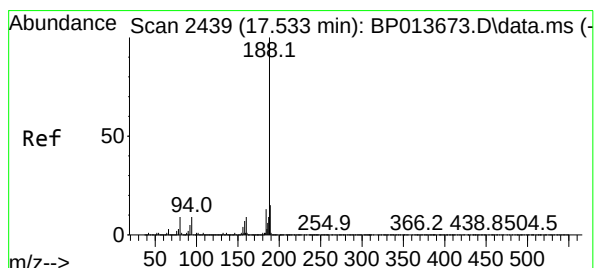
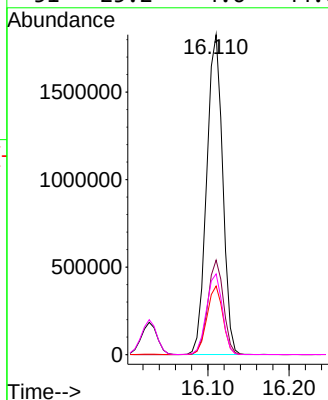
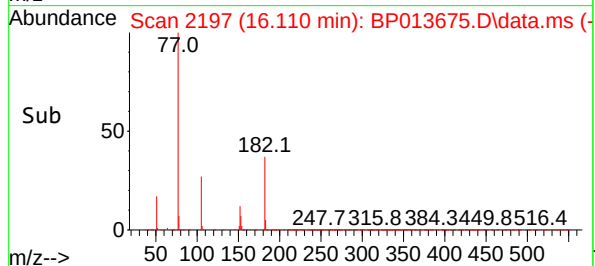
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion: 77 Resp: 250270
Ion Ratio Lower Upper
77 100
182 29.5 9.3 49.3
105 21.5 1.1 41.1
51 25.2 4.6 44.6

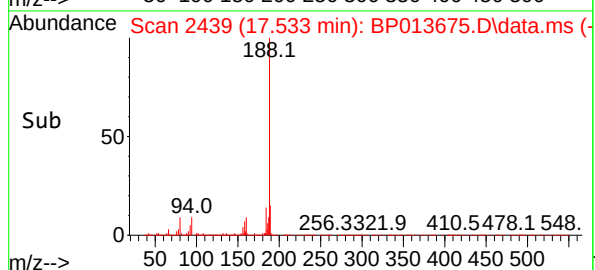
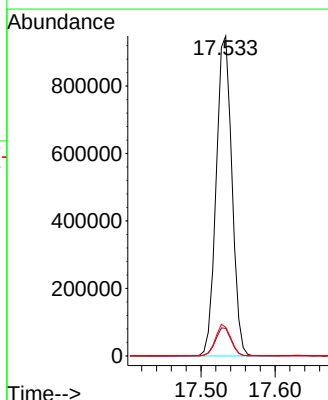
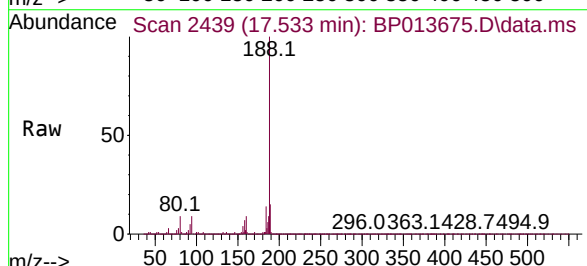
Manual Integrations
APPROVED

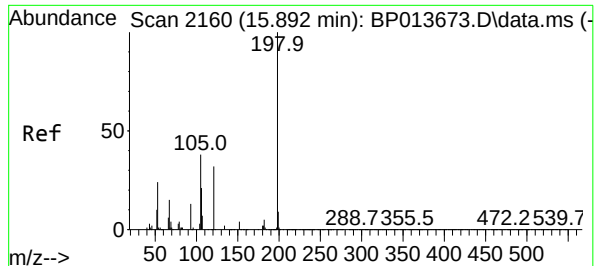
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.533 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

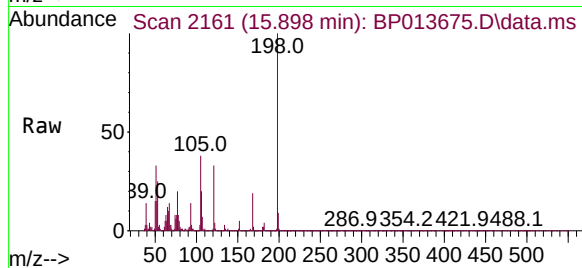
Tgt Ion:188 Resp: 1394011
Ion Ratio Lower Upper
188 100
94 8.6 6.9 10.3
80 8.9 7.4 11.0





#65
4,6-Dinitro-2-methylphenol
Concen: 68.421 ng
RT: 15.898 min Scan# 2160
Delta R.T. 0.006 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

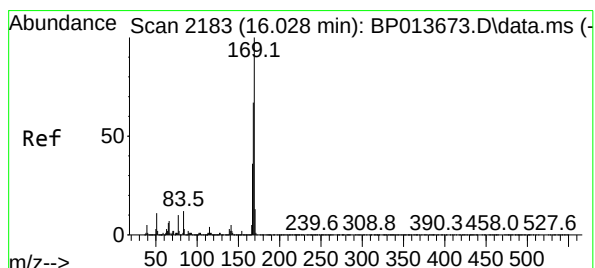
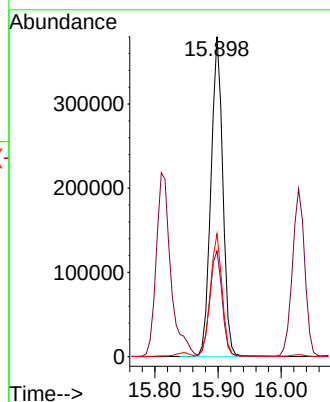
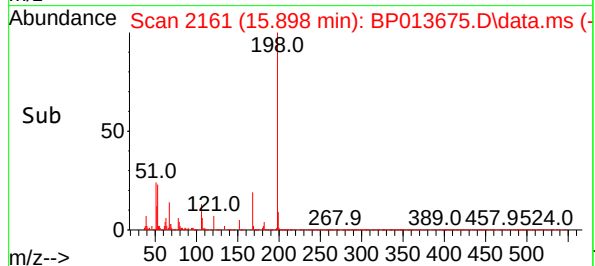
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:198 Resp: 497088
Ion Ratio Lower Upper
198 100
51 33.0 15.4 55.4
105 38.4 18.3 58.3

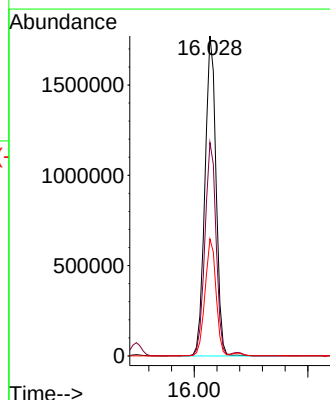
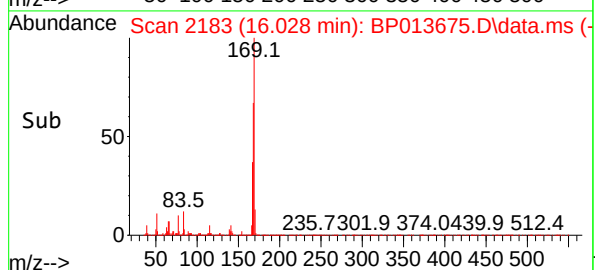
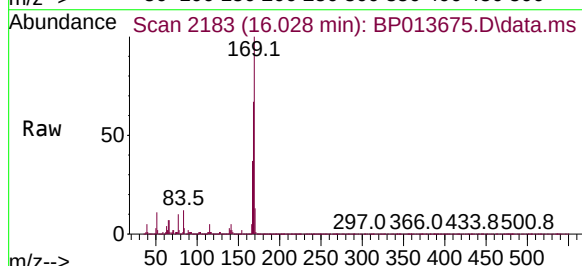
Manual Integrations
APPROVED

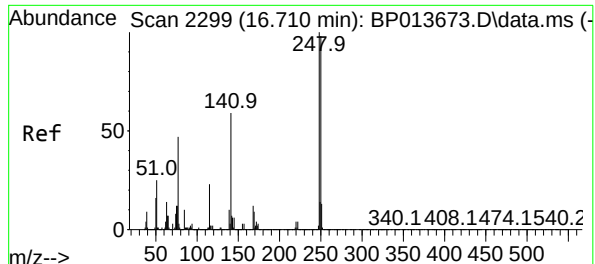
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#66
n-Nitrosodiphenylamine
Concen: 59.244 ng
RT: 16.028 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

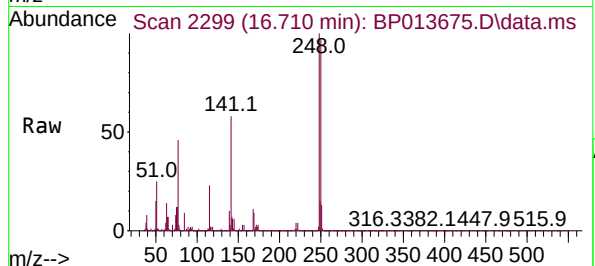
Tgt Ion:169 Resp: 2402971
Ion Ratio Lower Upper
169 100
168 66.7 53.8 80.6
167 36.5 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 61.297 ng
RT: 16.710 min Scan# 2299
Delta R.T. 0.000 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

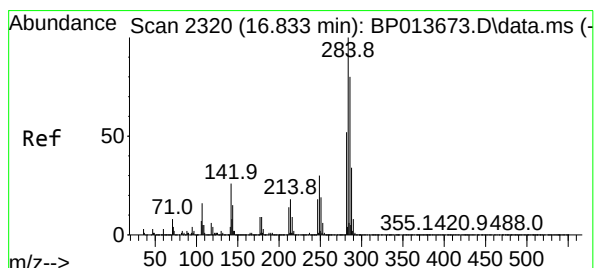
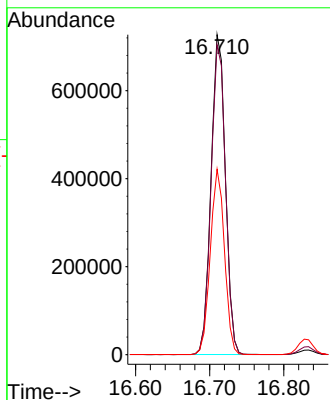
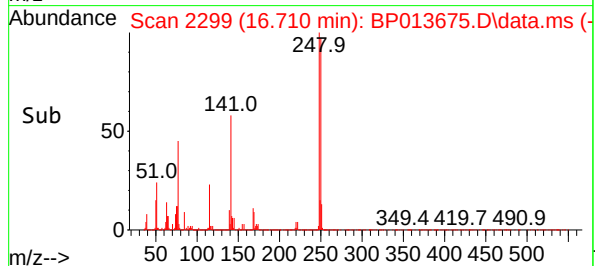
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:248 Resp: 979513
Ion Ratio Lower Upper
248 100
250 96.8 78.2 117.2
141 57.9 46.8 70.2

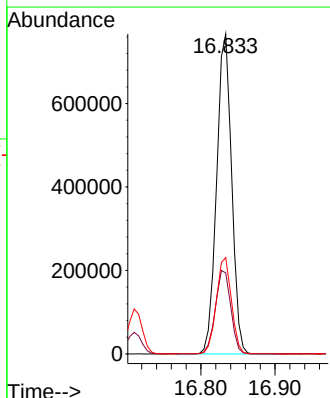
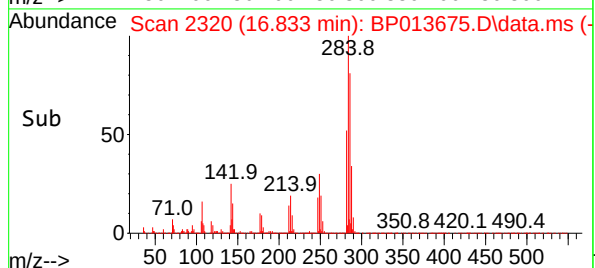
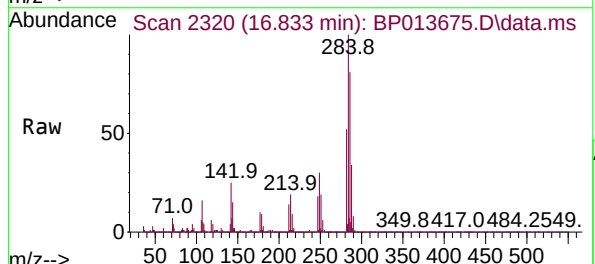
Manual Integrations
APPROVED

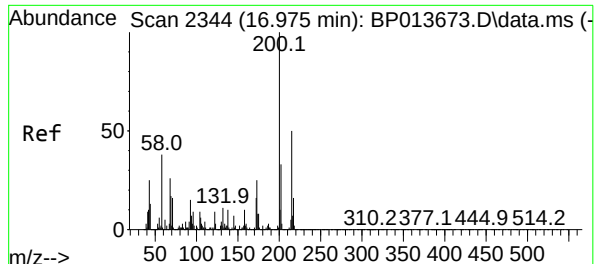
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#68
Hexachlorobenzene
Concen: 60.838 ng
RT: 16.833 min Scan# 2320
Delta R.T. 0.000 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

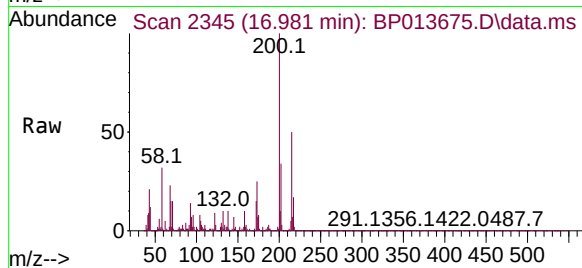
Tgt Ion:284 Resp: 1076533
Ion Ratio Lower Upper
284 100
142 25.3 20.6 31.0
249 30.1 23.9 35.9





#69
Atrazine
Concen: 59.106 ng
RT: 16.981 min Scan# 2345
Delta R.T. 0.006 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

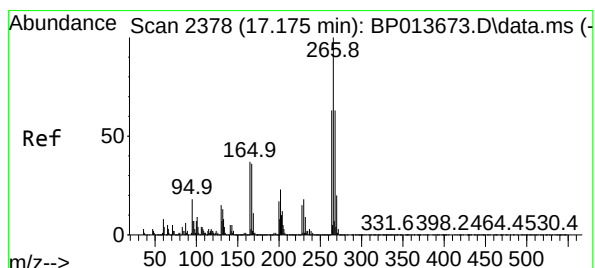
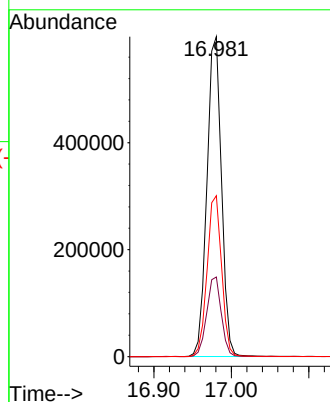
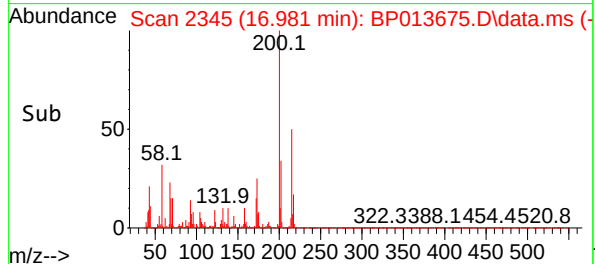
Instrument :
BNA_P
Client Sample Id :
SSTDICC060



Tgt Ion: 200 Resp: 78010
Ion Ratio Lower Upper
200 100
173 24.9 5.2 45.2
215 50.3 29.8 69.8

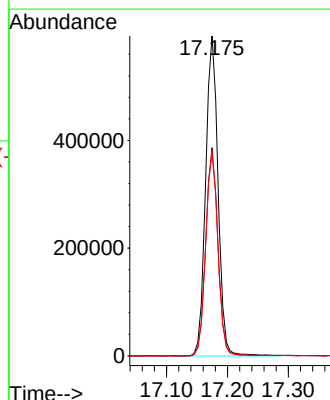
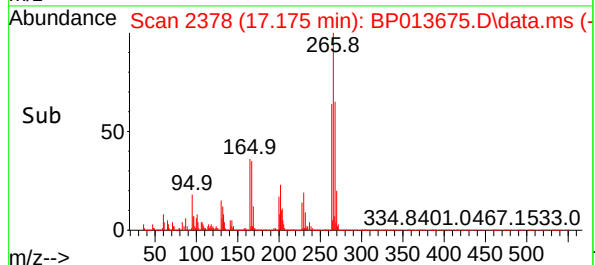
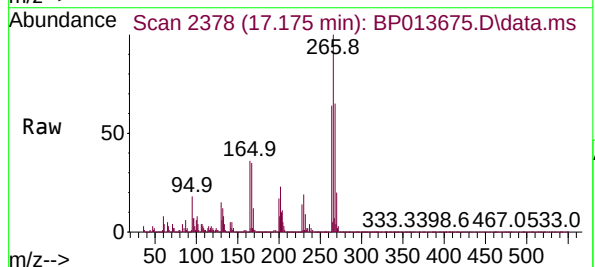
Manual Integrations
APPROVED

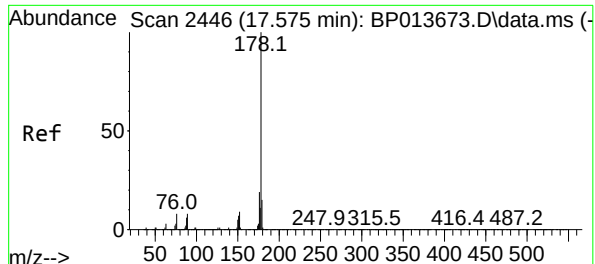
Reviewed By : Christian Giraldo 02/01/2023
Supervised By : Jagrut Upadhyay 02/01/2023



#70
Pentachlorophenol
Concen: 64.232 ng
RT: 17.175 min Scan# 2378
Delta R.T. -0.000 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

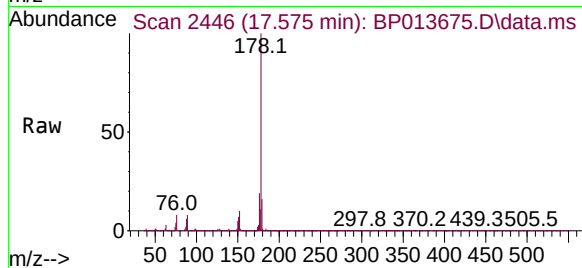
Tgt Ion: 266 Resp: 838398
Ion Ratio Lower Upper
266 100
268 65.1 50.7 76.1
264 63.5 50.5 75.7





#71
Phenanthrene
Concen: 59.238 ng
RT: 17.575 min Scan# 2446
Delta R.T. 0.000 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

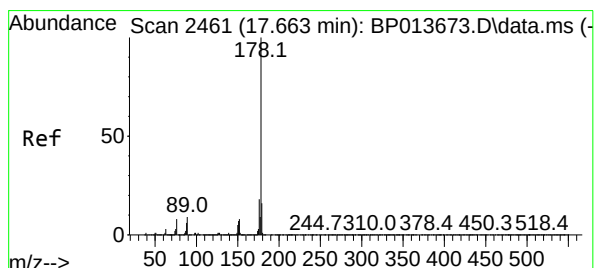
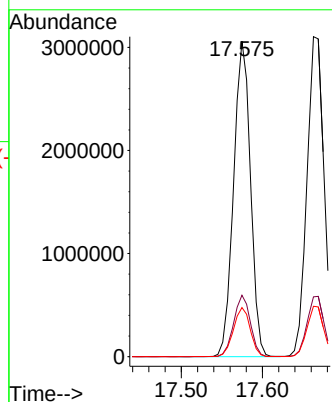
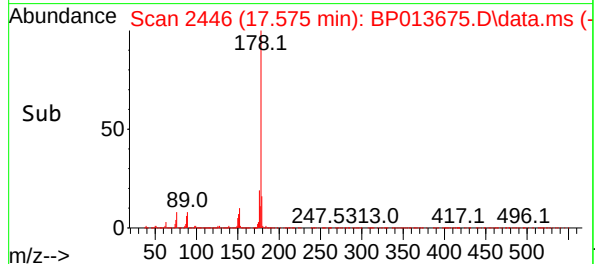
Instrument :
BNA_P
Client Sample Id :
SSTDICC060



Tgt Ion:178 Resp: 4426219
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.6 12.2 18.2

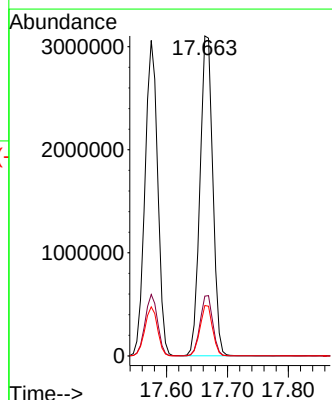
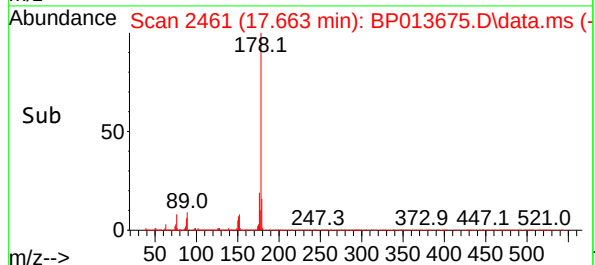
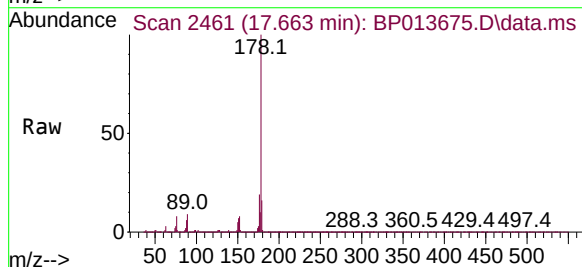
Manual Integrations
APPROVED

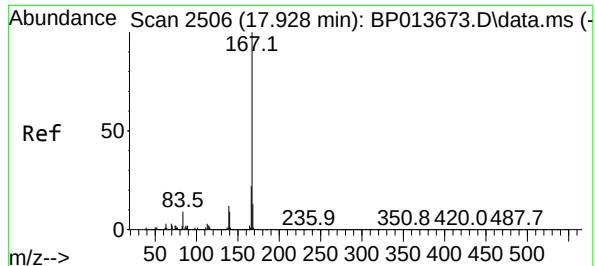
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#72
Anthracene
Concen: 59.871 ng
RT: 17.663 min Scan# 2461
Delta R.T. 0.000 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

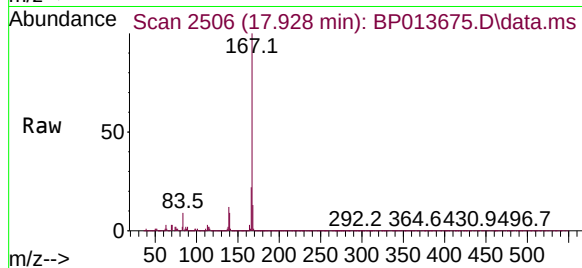
Tgt Ion:178 Resp: 4516302
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.8 12.4 18.6





#73
Carbazole
Concen: 59.319 ng
RT: 17.928 min Scan# 2506
Delta R.T. 0.000 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

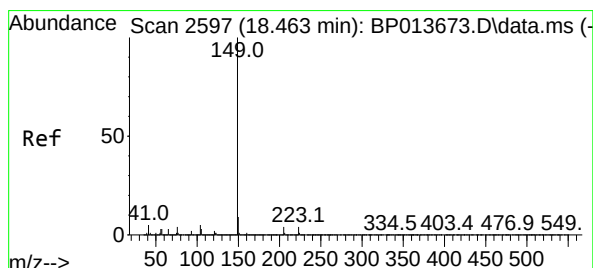
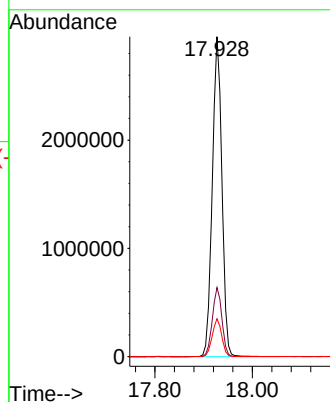
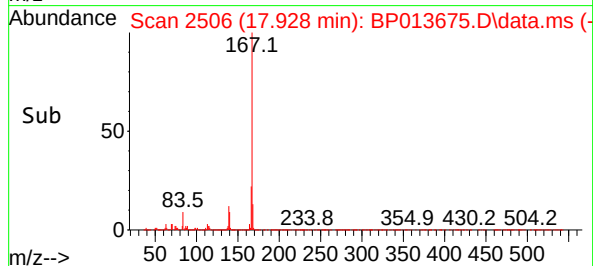
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:167 Resp: 406312
Ion Ratio Lower Upper
167 100
166 21.6 17.4 26.0
139 11.8 9.5 14.3

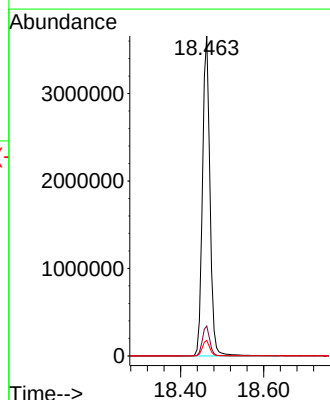
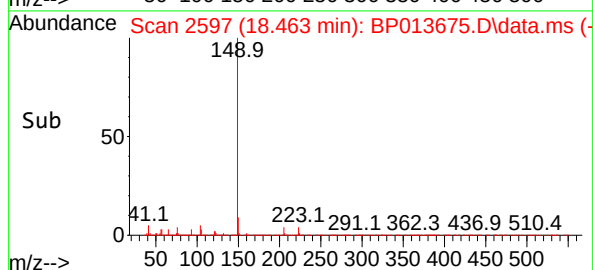
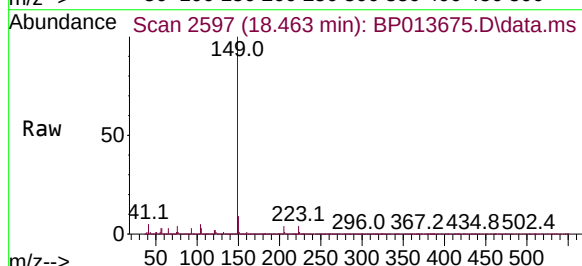
Manual Integrations
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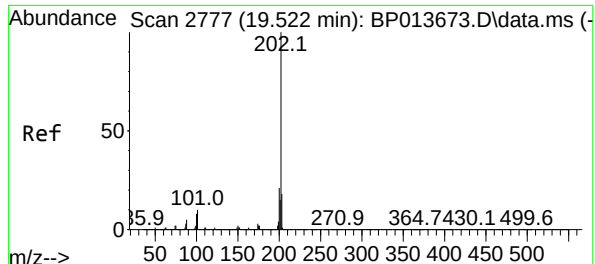
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#74
Di-n-butylphthalate
Concen: 60.898 ng
RT: 18.463 min Scan# 2597
Delta R.T. 0.000 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

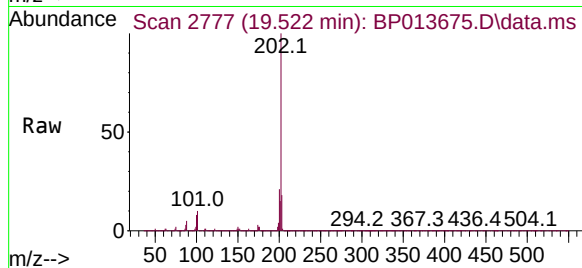
Tgt Ion:149 Resp: 4564684
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 4.8 3.8 5.6





#75
Fluoranthene
Concen: 60.114 ng
RT: 19.522 min Scan# 2777
Delta R.T. 0.000 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

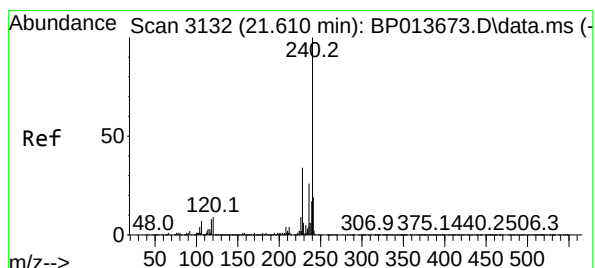
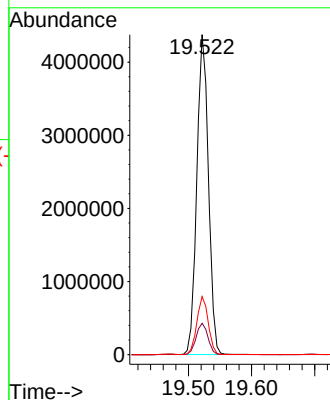
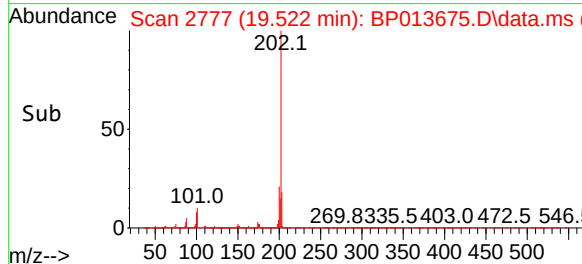
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



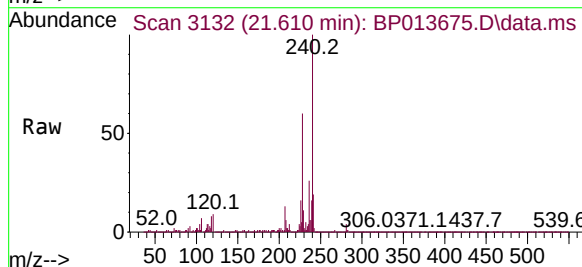
Tgt Ion:202 Resp: 5591911
Ion Ratio Lower Upper
202 100
101 9.8 0.0 30.2
203 18.1 0.0 37.9

Manual Integrations
APPROVED

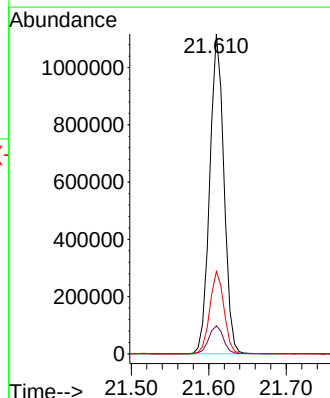
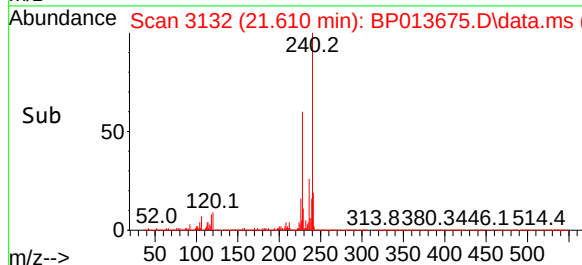
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

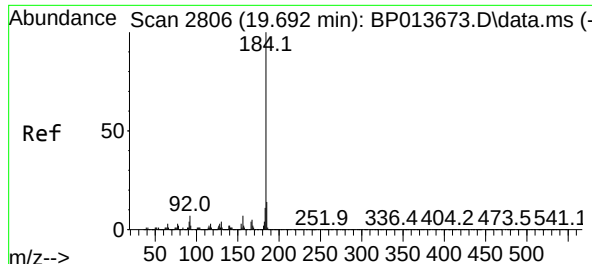


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.610 min Scan# 3132
Delta R.T. 0.000 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47



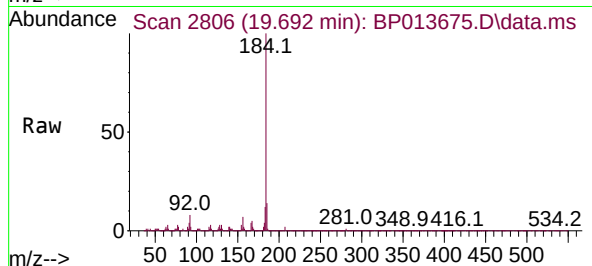
Tgt Ion:240 Resp: 1419624
Ion Ratio Lower Upper
240 100
120 8.8 7.4 11.0
236 25.8 20.6 30.8





#77
Benzidine
Concen: 54.483 ng
RT: 19.692 min Scan# 2806
Delta R.T. 0.000 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

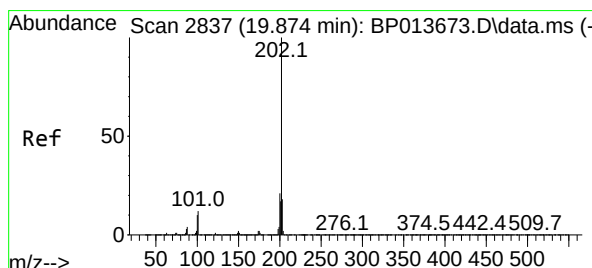
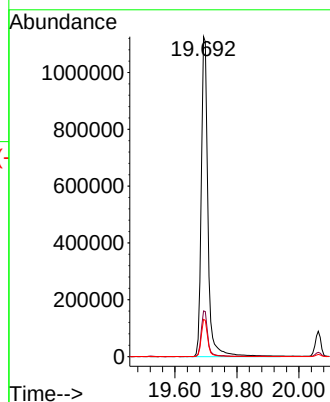
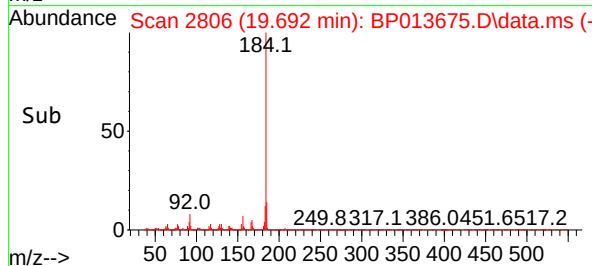
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:184 Resp: 1670620
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.2
183 11.6 9.2 13.8

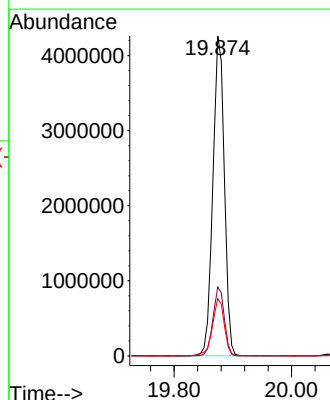
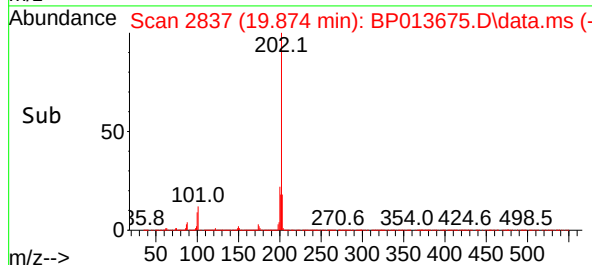
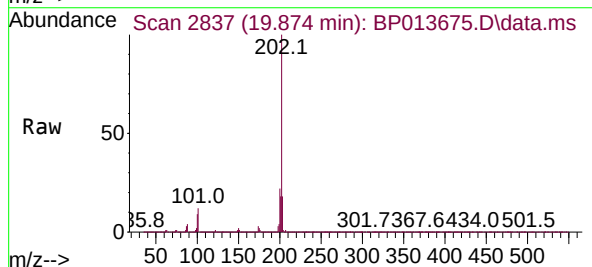
Manual Integrations
APPROVED

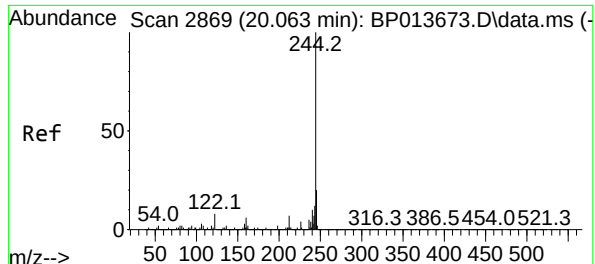
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#78
Pyrene
Concen: 60.435 ng
RT: 19.874 min Scan# 2837
Delta R.T. 0.000 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

Tgt Ion:202 Resp: 5772082
Ion Ratio Lower Upper
202 100
200 21.5 16.9 25.3
203 17.9 14.0 21.0





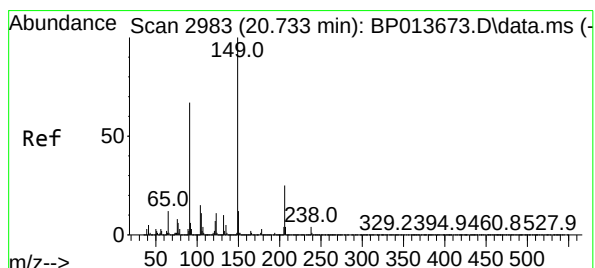
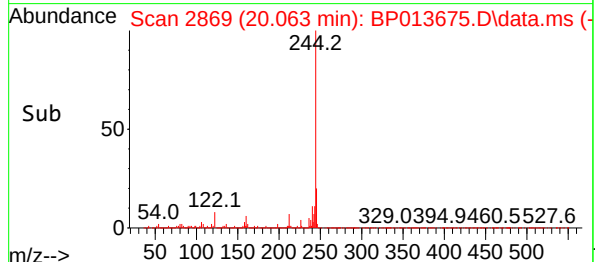
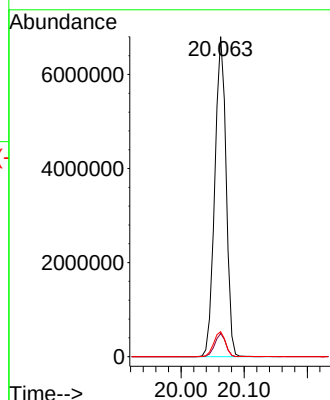
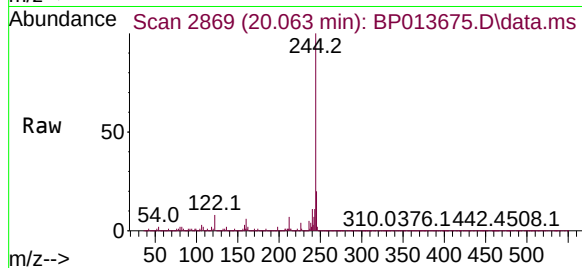
#79
 Terphenyl-d14
 Concen: 118.598 ng
 RT: 20.063 min Scan# 2869
 Delta R.T. 0.000 min
 Lab File: BP013675.D
 Acq: 31 Jan 2023 14:47

Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC060

Tgt Ion: 244 Resp: 8478623
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 7.8 6.5 9.7

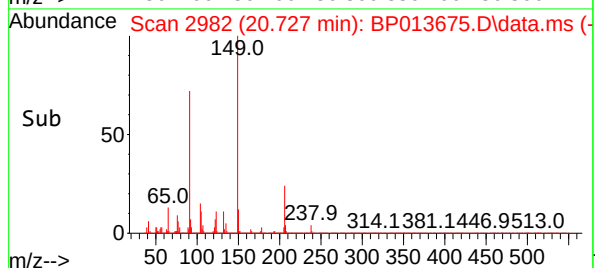
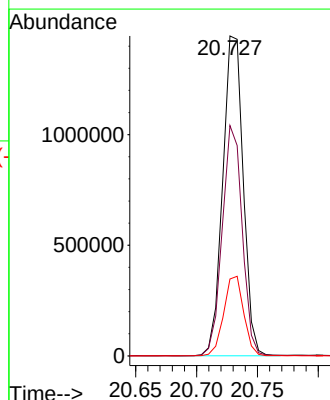
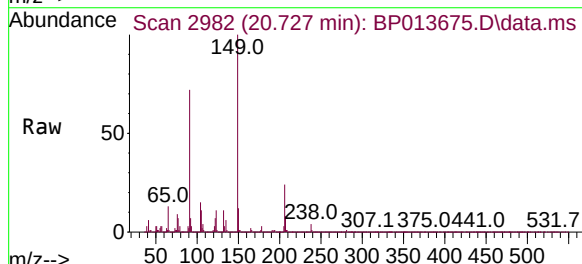
Manual Integrations
 APPROVED

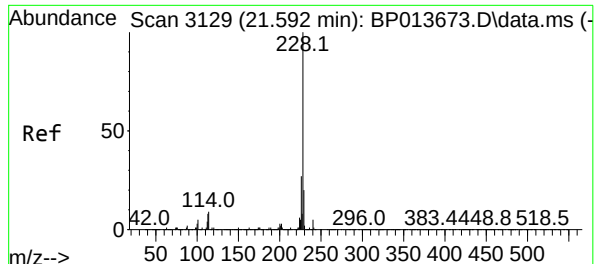
Reviewed By : Christian Giraldo 02/01/2023
 Supervised By : Jagrut Upadhyay 02/01/2023



#80
 Butylbenzylphthalate
 Concen: 64.970 ng
 RT: 20.727 min Scan# 2982
 Delta R.T. -0.006 min
 Lab File: BP013675.D
 Acq: 31 Jan 2023 14:47

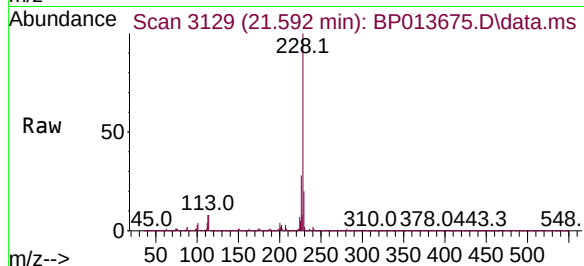
Tgt Ion: 149 Resp: 1694000
 Ion Ratio Lower Upper
 149 100
 91 72.0 54.0 81.0
 206 24.0 19.8 29.8





#81
Benzo(a)anthracene
Concen: 60.209 ng
RT: 21.592 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

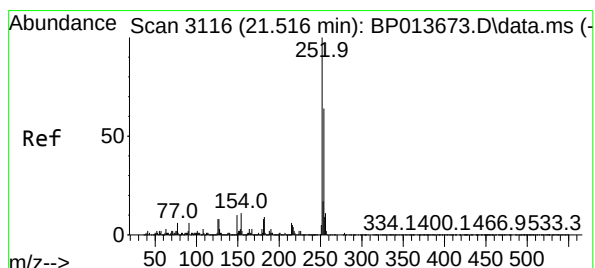
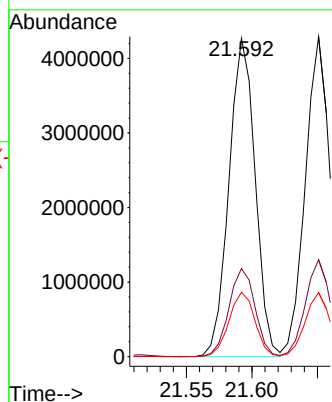
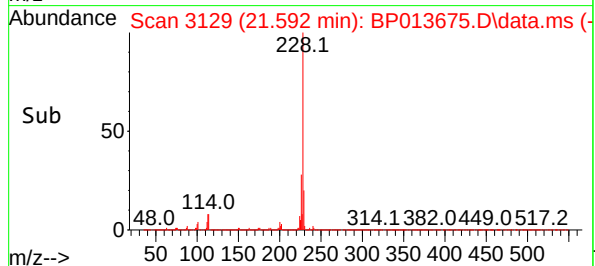
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:228 Resp: 5936908
Ion Ratio Lower Upper
228 100
226 27.7 21.9 32.9
229 20.2 16.0 24.0

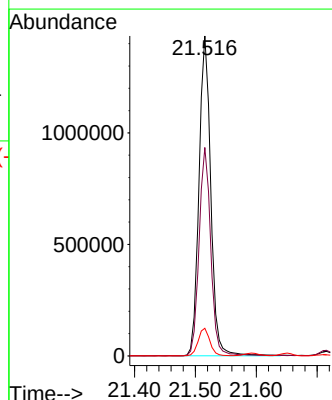
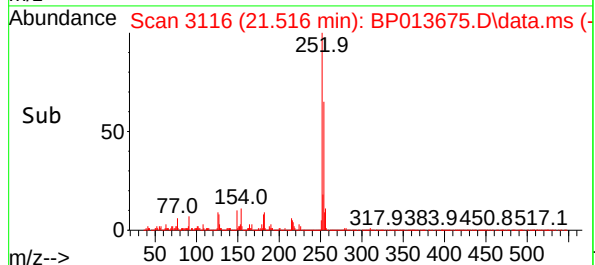
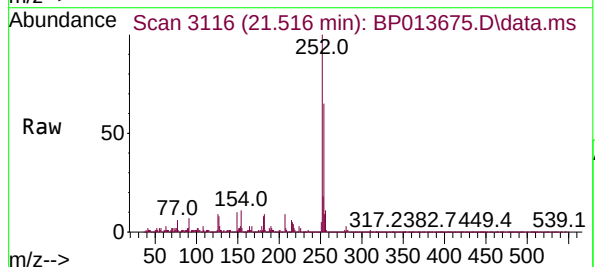
Manual Integrations
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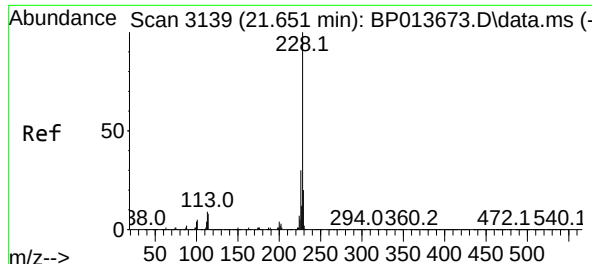
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#82
3,3'-Dichlorobenzidine
Concen: 61.815 ng
RT: 21.516 min Scan# 3116
Delta R.T. 0.000 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

Tgt Ion:252 Resp: 1927065
Ion Ratio Lower Upper
252 100
254 65.1 50.9 76.3
126 8.6 6.7 10.1





#83

Chrysene

Concen: 60.005 ng

RT: 21.651 min Scan# 3139

Delta R.T. 0.000 min

Lab File: BP013675.D

Acq: 31 Jan 2023 14:47

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:228 Resp: 5637197

Ion Ratio Lower Upper

228 100

226 30.3 24.1 36.1

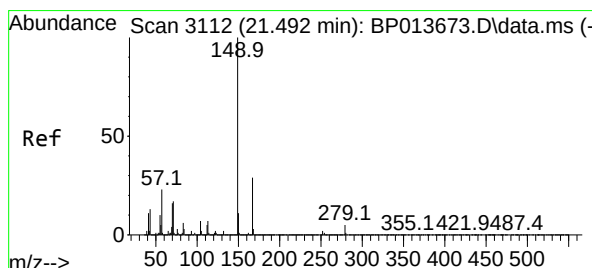
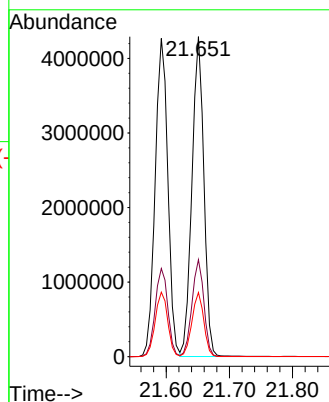
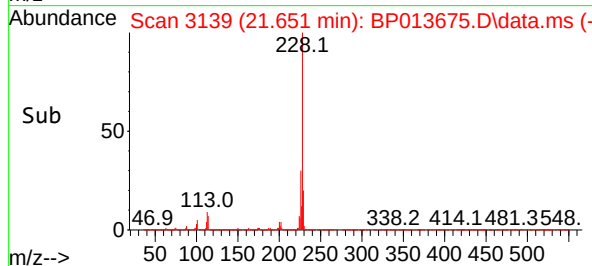
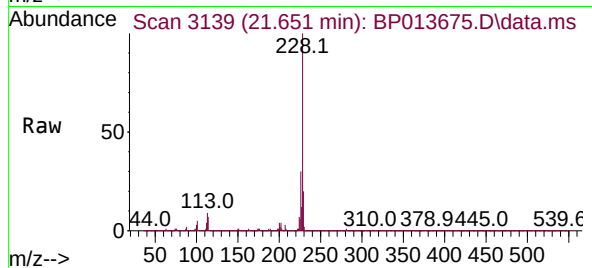
229 20.0 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 62.599 ng

RT: 21.492 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BP013675.D

Acq: 31 Jan 2023 14:47

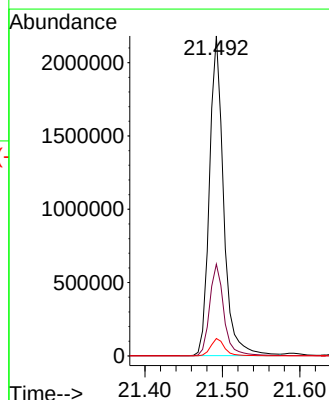
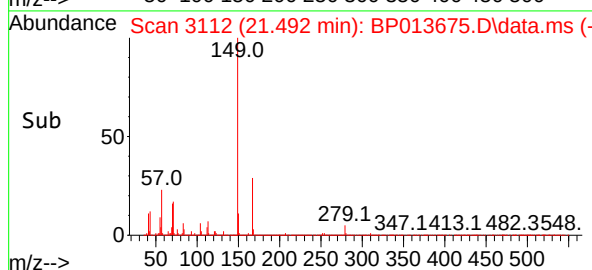
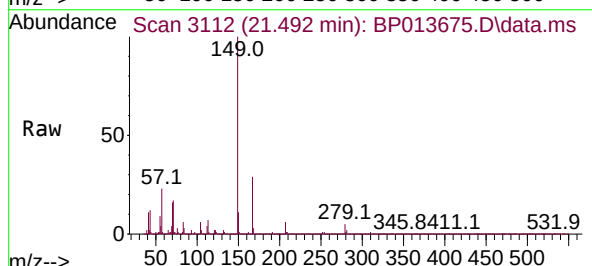
Tgt Ion:149 Resp: 2779043

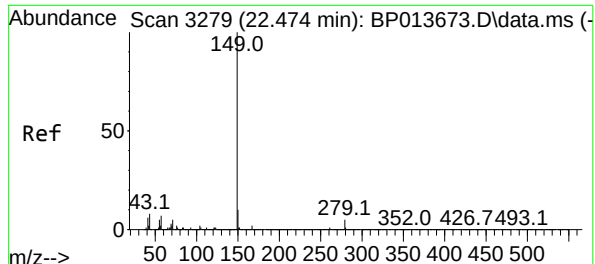
Ion Ratio Lower Upper

149 100

167 28.7 23.0 34.6

279 5.4 3.9 5.9





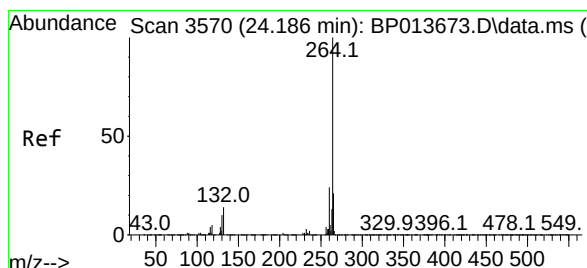
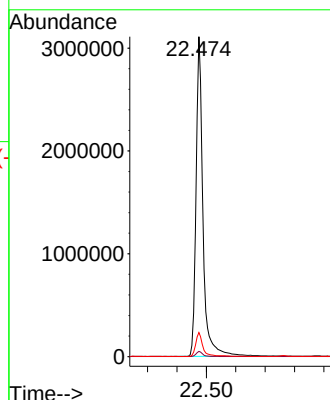
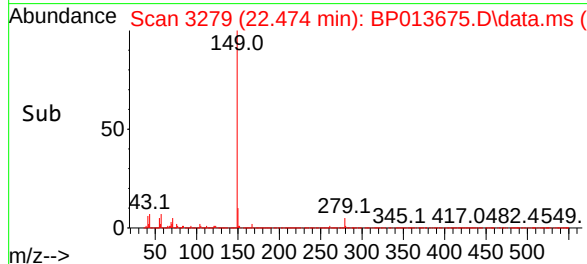
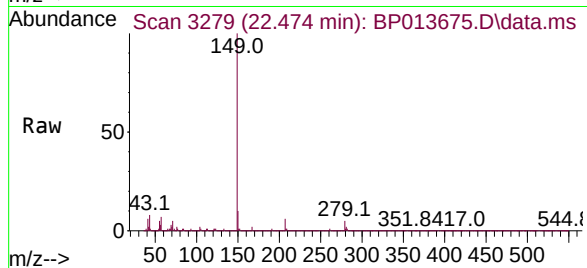
#85
Di-n-octyl phthalate
Concen: 62.955 ng
RT: 22.474 min Scan# 3279
Delta R.T. 0.000 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 5103628
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.6 6.3 9.5

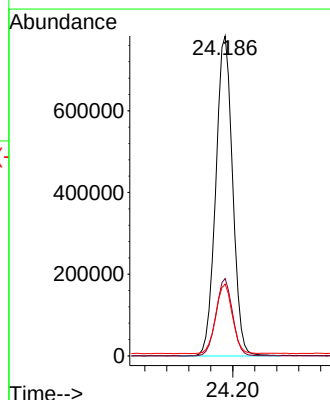
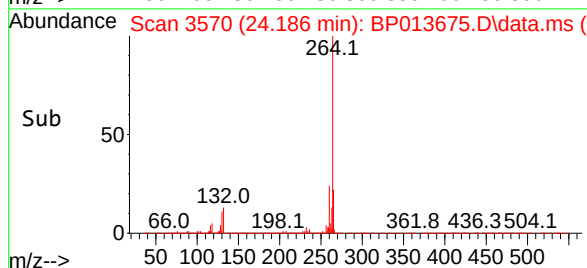
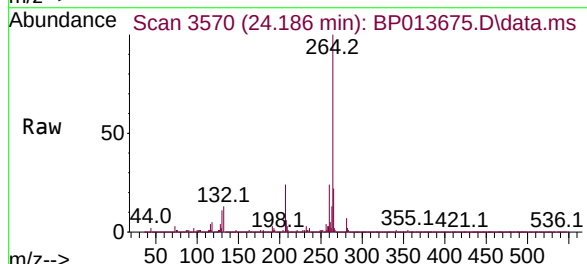
Manual Integrations
APPROVED

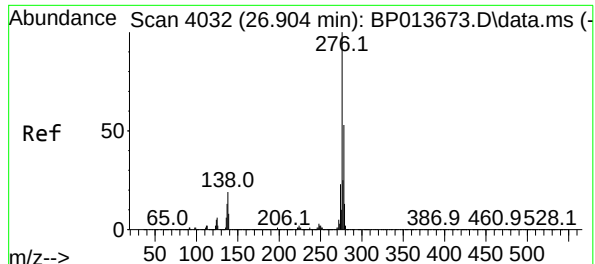
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.186 min Scan# 3570
Delta R.T. 0.000 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

Tgt Ion:264 Resp: 1662488
Ion Ratio Lower Upper
264 100
260 24.2 18.8 28.2
265 22.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 60.388 ng

RT: 26.921 min Scan# 4035

Delta R.T. 0.018 min

Lab File: BP013675.D

Acq: 31 Jan 2023 14:47

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:276 Resp: 7635088

Ion Ratio Lower Upper

276 100

138 20.0 16.5 24.7

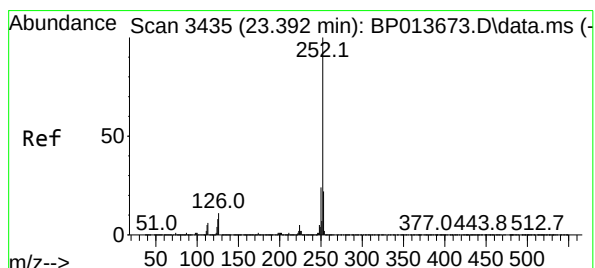
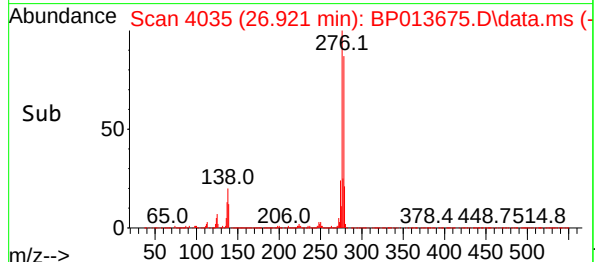
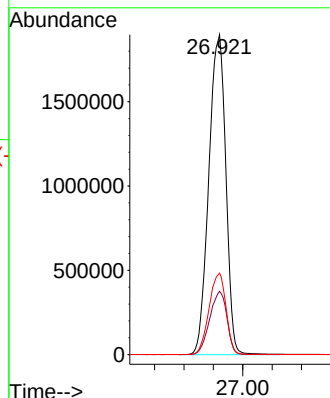
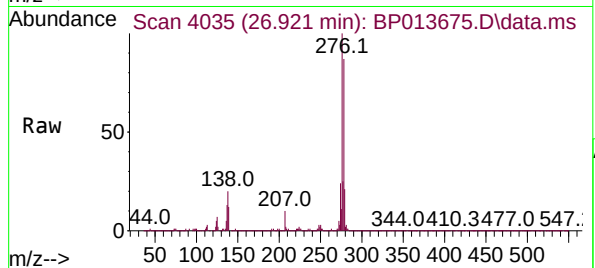
277 25.4 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#88

Benzo(b)fluoranthene

Concen: 61.298 ng

RT: 23.392 min Scan# 3435

Delta R.T. 0.000 min

Lab File: BP013675.D

Acq: 31 Jan 2023 14:47

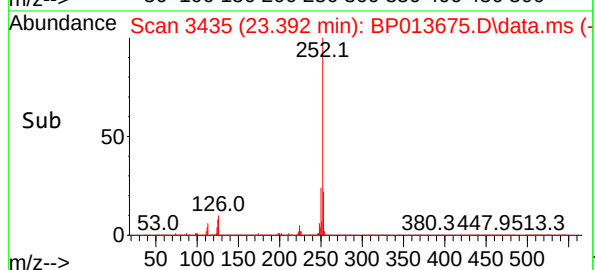
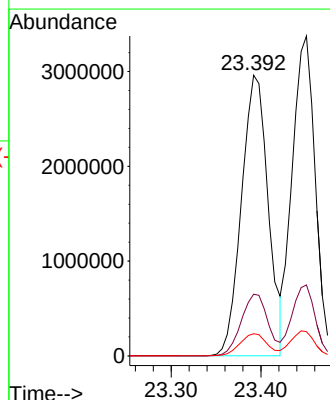
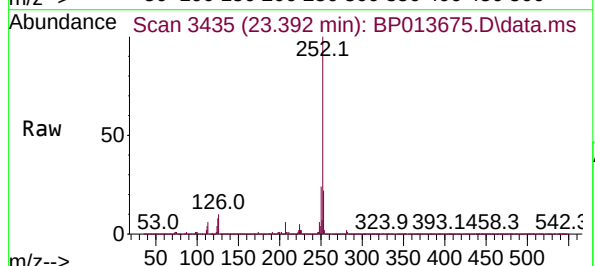
Tgt Ion:252 Resp: 6124811

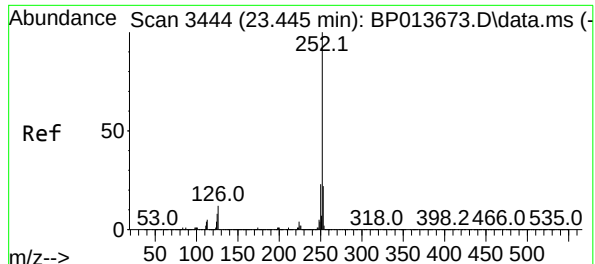
Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

125 7.9 6.8 10.2





#89

Benzo(k)fluoranthene

Concen: 59.797 ng

RT: 23.451 min Scan# 3445

Delta R.T. 0.006 min

Lab File: BP013675.D

Acq: 31 Jan 2023 14:47

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:252 Resp: 598457

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

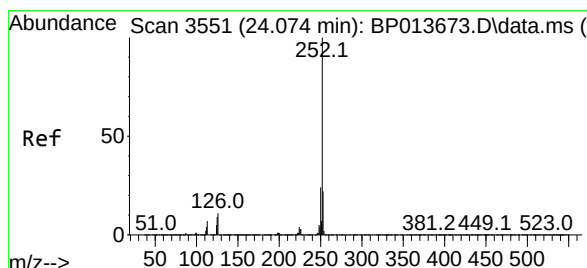
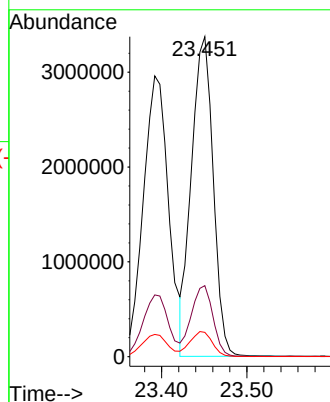
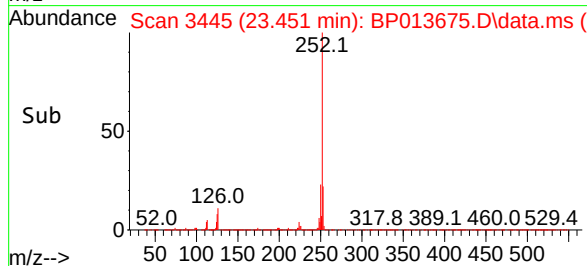
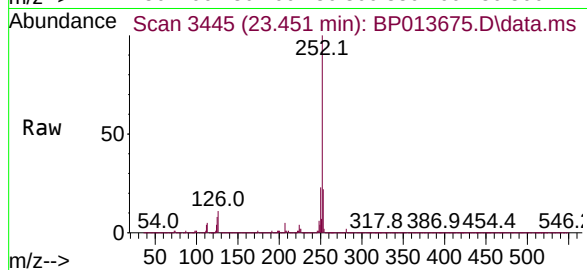
125 7.6 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#90

Benzo(a)pyrene

Concen: 60.760 ng

RT: 24.074 min Scan# 3551

Delta R.T. 0.000 min

Lab File: BP013675.D

Acq: 31 Jan 2023 14:47

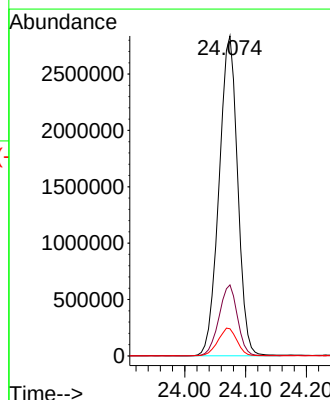
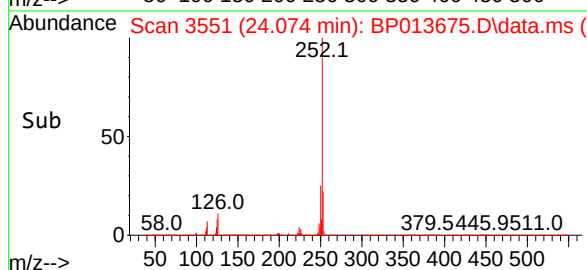
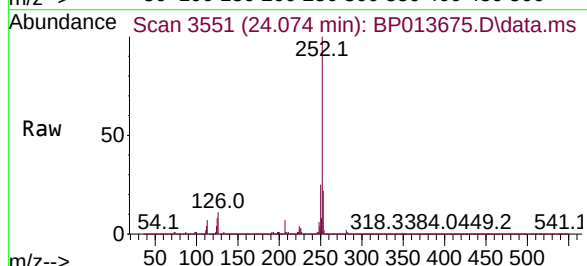
Tgt Ion:252 Resp: 6026342

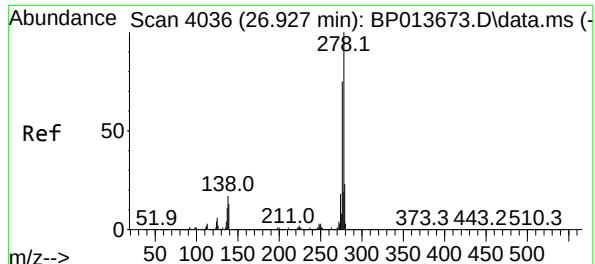
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

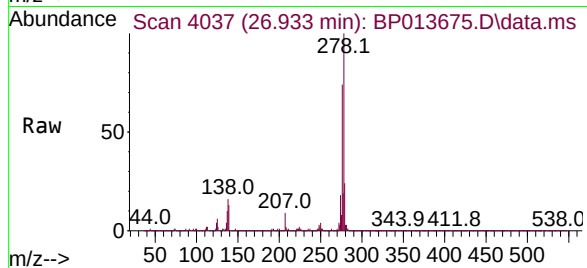
125 8.5 7.0 10.4





#91
Dibenzo(a,h)anthracene
Concen: 60.398 ng
RT: 26.933 min Scan# 4036
Delta R.T. 0.006 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47

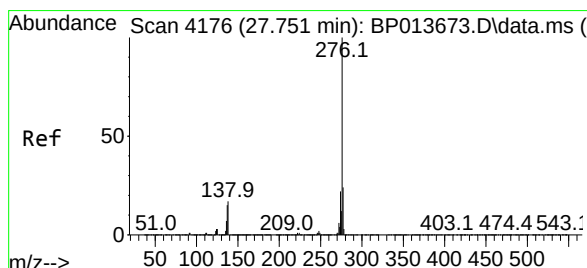
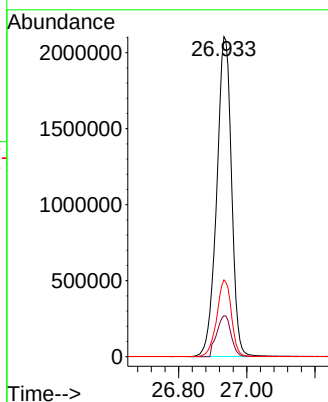
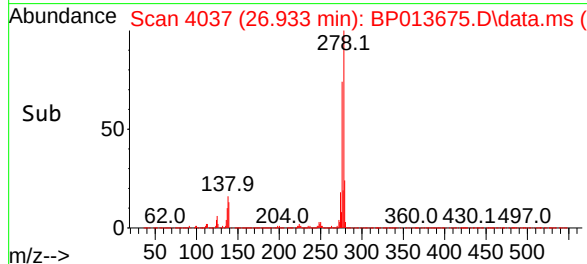
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



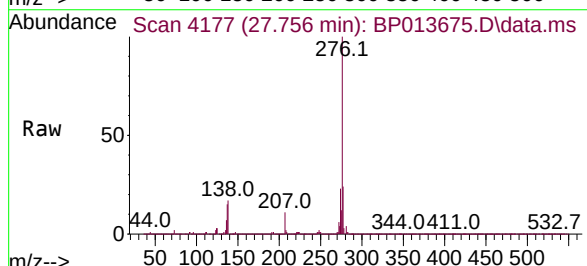
Tgt Ion:278 Resp: 6338598
Ion Ratio Lower Upper
278 100
139 12.8 10.6 16.0
279 24.0 18.8 28.2

Manual Integrations
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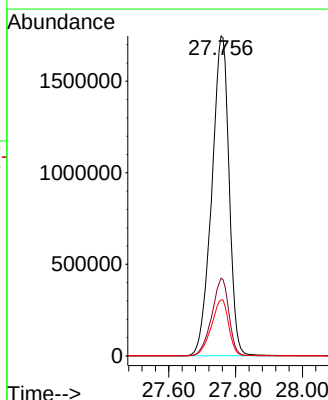
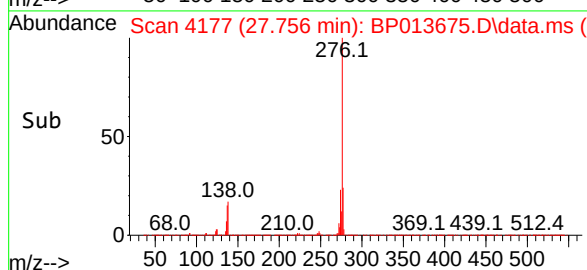
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#92
Benzo(g,h,i)perylene
Concen: 60.177 ng
RT: 27.756 min Scan# 4177
Delta R.T. 0.006 min
Lab File: BP013675.D
Acq: 31 Jan 2023 14:47



Tgt Ion:276 Resp: 6272495
Ion Ratio Lower Upper
276 100
277 24.3 19.2 28.8
138 17.5 14.0 21.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
 Data File : BP013676.D
 Acq On : 31 Jan 2023 15:56
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023
 Supervised By :Jagrut Upadhyay 02/01/2023

Quant Time: Feb 01 03:05:13 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Feb 01 02:57:10 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	298528	20.000	ng	0.00
21) Naphthalene-d8	10.975	136	1082866	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	726943	20.000	ng	0.00
64) Phenanthrene-d10	17.533	188	1683272	20.000	ng	0.00
76) Chrysene-d12	21.616	240	1694902	20.000	ng	0.00
86) Perylene-d12	24.186	264	1996328	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	2532413	145.013	ng	0.00
7) Phenol-d6	7.299	99	3467185	149.027	ng	0.01
23) Nitrobenzene-d5	9.322	82	3089195	165.946	ng	0.00
42) 2,4,6-Tribromophenol	16.269	330	1808965	165.909	ng	0.00
45) 2-Fluorobiphenyl	13.410	172	7654440	147.338	ng	0.00
79) Terphenyl-d14	20.063	244	12030071	140.945	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.516	88	516640	69.928	ng	100
3) Pyridine	3.934	79	1573226m	75.212	ng	
4) n-Nitrosodimethylamine	3.840	42	578641	75.863	ng	99
6) Aniline	7.463	93	2312593	76.247	ng	99
8) 2-Chlorophenol	7.704	128	1362776	74.124	ng	99
10) Phenol	7.322	94	1824845	75.082	ng	97
11) bis(2-Chloroethyl)ether	7.557	93	1445268	74.440	ng	98
12) 1,3-Dichlorobenzene	8.028	146	1507834	72.807	ng	98
13) 1,4-Dichlorobenzene	8.181	146	1526926	72.868	ng	99
14) 1,2-Dichlorobenzene	8.504	146	1439059	71.768	ng	100
15) Benzyl Alcohol	8.387	79	1309917	79.512	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.675	45	1660395	72.947	ng	99
17) 2-Methylphenol	8.587	107	1283256	75.346	ng	100
18) Hexachloroethane	9.240	117	524123	75.854	ng	98
19) n-Nitroso-di-n-propyla...	8.963	70	1125296	77.091	ng	98
20) 3+4-Methylphenols	8.922	107	1786595	76.894	ng	97
22) Acetophenone	8.975	105	2130147	75.435	ng	# 99
24) Nitrobenzene	9.363	77	1621379	80.299	ng	100
25) Isophorone	9.898	82	3186675	77.233	ng	99
26) 2-Nitrophenol	10.075	139	763965	90.393	ng	97
27) 2,4-Dimethylphenol	10.134	122	1300585	75.165	ng	99
28) bis(2-Chloroethoxy)met...	10.369	93	1867152	75.502	ng	100
29) 2,4-Dichlorophenol	10.616	162	1420568	78.381	ng	99
30) 1,2,4-Trichlorobenzene	10.834	180	1528345	75.999	ng	99
31) Naphthalene	11.028	128	4283821	75.238	ng	99
32) Benzoic acid	10.310	122	1094188	88.393	ng	98
33) 4-Chloroaniline	11.134	127	1935287	77.356	ng	99
34) Hexachlorobutadiene	11.304	225	989291	77.498	ng	99
35) Caprolactam	11.945	113	491554	82.907	ng	98
36) 4-Chloro-3-methylphenol	12.240	107	1537612	80.653	ng	99
37) 2-Methylnaphthalene	12.616	142	3288778	76.820	ng	99
38) 1-Methylnaphthalene	12.834	142	3075842	76.484	ng	99
40) 1,2,4,5-Tetrachloroben...	12.981	216	1981227	79.830	ng	100
41) Hexachlorocyclopentadiene	12.963	237	1037220	91.566	ng	99
43) 2,4,6-Trichlorophenol	13.216	196	1342762	82.165	ng	100
44) 2,4,5-Trichlorophenol	13.287	196	1579009	82.524	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
 Data File : BP013676.D
 Acq On : 31 Jan 2023 15:56
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/01/2023
 Supervised By : Jagrut Upadhyay 02/01/2023

Quant Time: Feb 01 03:05:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 02:57:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.616	154	4156782	75.563	ng	98
47) 2-Chloronaphthalene	13.663	162	3243548	76.280	ng	99
48) 2-Nitroaniline	13.863	65	898371	98.874	ng	98
49) Acenaphthylene	14.504	152	5277528	76.963	ng	99
50) Dimethylphthalate	14.234	163	4351297	77.388	ng	100
51) 2,6-Dinitrotoluene	14.351	165	943951	93.932	ng	99
52) Acenaphthene	14.845	154	3433737m	80.281	ng	
53) 3-Nitroaniline	14.686	138	989602	90.296	ng	98
54) 2,4-Dinitrophenol	14.886	184	611345	99.955	ng	100
55) Dibenzofuran	15.181	168	5202038	75.293	ng	99
56) 4-Nitrophenol	14.981	139	832374	85.383	ng	96
57) 2,4-Dinitrotoluene	15.139	165	1282272	97.231	ng	99
58) Fluorene	15.828	166	4025550	74.212	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.398	232	1353061	81.322	ng	98
60) Diethylphthalate	15.592	149	4143690	76.873	ng	99
61) 4-Chlorophenyl-phenyle...	15.816	204	2255594	76.359	ng	100
62) 4-Nitroaniline	15.851	138	999962	91.876	ng	95
63) Azobenzene	16.110	77	3812417	76.566	ng	99
65) 4,6-Dinitro-2-methylph...	15.904	198	832391	94.885	ng	95
66) n-Nitrosodiphenylamine	16.033	169	3655262	74.632	ng	100
67) 4-Bromophenyl-phenylether	16.716	248	1536530	79.631	ng	97
68) Hexachlorobenzene	16.833	284	1686140	78.914	ng	99
69) Atrazine	16.980	200	1196714	75.090	ng	99
70) Pentachlorophenol	17.175	266	1333345	84.597	ng	99
71) Phenanthrene	17.580	178	6722307	74.507	ng	99
72) Anthracene	17.669	178	6847662	75.178	ng	99
73) Carbazole	17.933	167	6173023	74.635	ng	100
74) Di-n-butylphthalate	18.463	149	6998638	77.325	ng	99
75) Fluoranthene	19.527	202	8497632	75.653	ng	99
77) Benzidine	19.698	184	2810789	76.778	ng	99
78) Pyrene	19.880	202	8707429	76.361	ng	98
80) Butylbenzylphthalate	20.733	149	2731280	87.739	ng	99
81) Benzo(a)anthracene	21.598	228	8991728	76.379	ng	99
82) 3,3'-Dichlorobenzidine	21.521	252	3003674	80.701	ng	98
83) Chrysene	21.657	228	8452800	75.362	ng	98
84) Bis(2-ethylhexyl)phtha...	21.492	149	4389795	82.821	ng	99
85) Di-n-octyl phthalate	22.474	149	7998084	82.636	ng	99
87) Indeno(1,2,3-cd)pyrene	26.933	276	11789503	77.653	ng	98
88) Benzo(b)fluoranthene	23.398	252	9303797	77.542	ng	99
89) Benzo(k)fluoranthene	23.451	252	9376557	78.022	ng	99
90) Benzo(a)pyrene	24.080	252	9323981	78.287	ng	99
91) Dibenzo(a,h)anthracene	26.945	278	9706093	77.019	ng	98
92) Benzo(g,h,i)perylene	27.774	276	9749115	77.890	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed


```

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
Data File : BP013676.D
Acq On    : 31 Jan 2023   15:56
Operator  : CG/JU
Sample    : SSTDICC080
Misc      :
ALS Vial  : 10    Sample Multiplier: 1

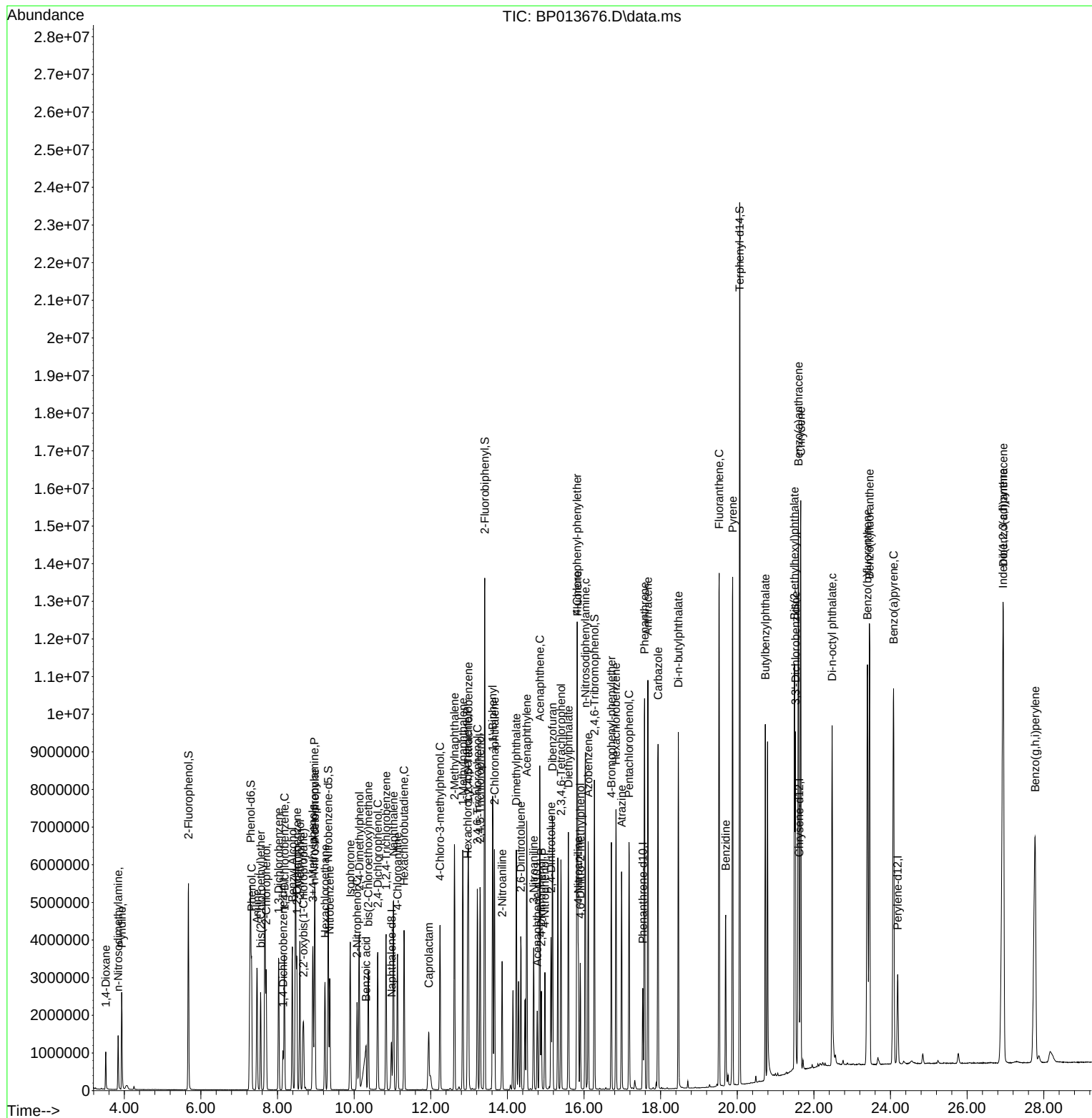
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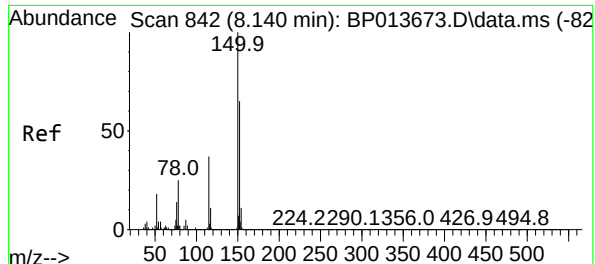
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jaqrut Upadhyay 02/01/2023

Quant Time: Feb 01 03:05:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 02:57:10 2023
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.146 min Scan# 84

Delta R.T. 0.006 min

Lab File: BP013676.D

Acq: 31 Jan 2023 15:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:152 Resp: 298528

Ion Ratio Lower Upper

152 100

150 151.2 123.6 185.4

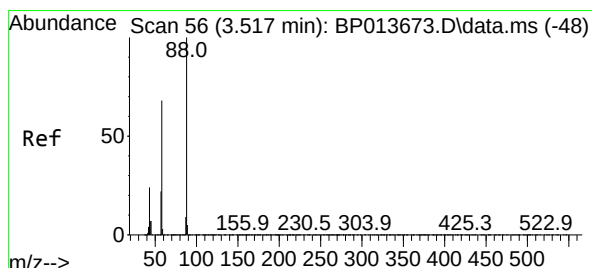
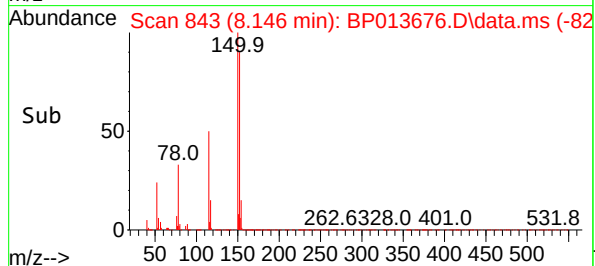
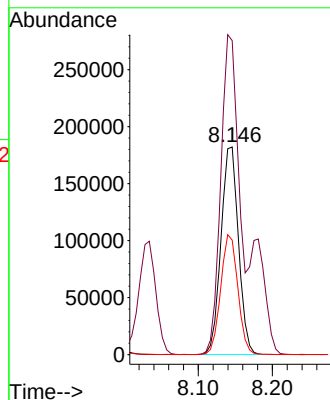
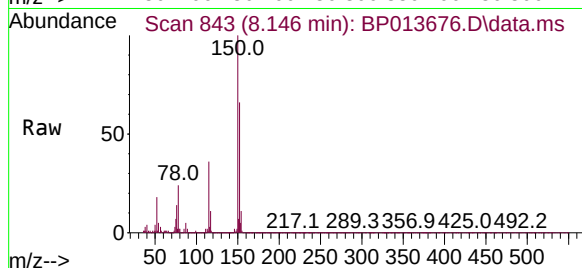
115 55.1 45.4 68.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#2

1,4-Dioxane

Concen: 69.928 ng

RT: 3.516 min Scan# 56

Delta R.T. -0.000 min

Lab File: BP013676.D

Acq: 31 Jan 2023 15:56

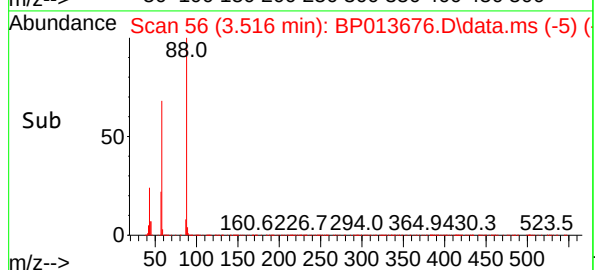
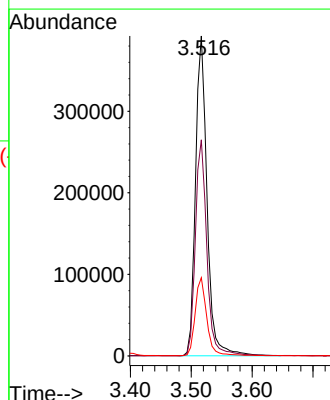
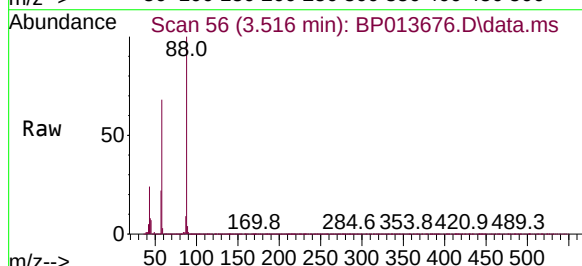
Tgt Ion: 88 Resp: 516640

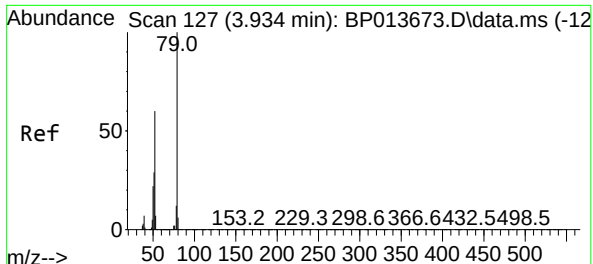
Ion Ratio Lower Upper

88 100

58 67.7 53.8 80.8

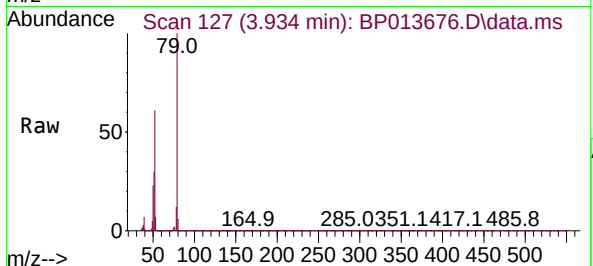
43 24.5 19.8 29.6





#3
Pyridine
Concen: 75.212 ng m
RT: 3.934 min Scan# 110
Delta R.T. -0.000 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

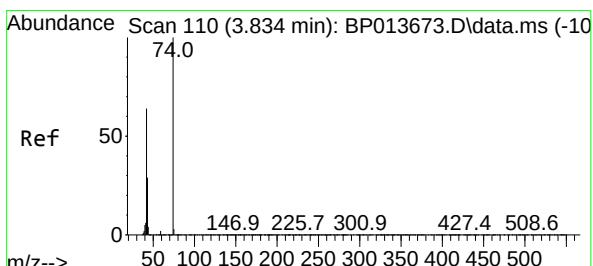
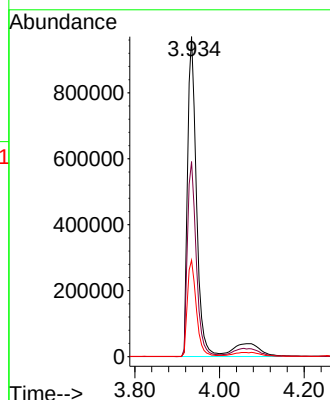
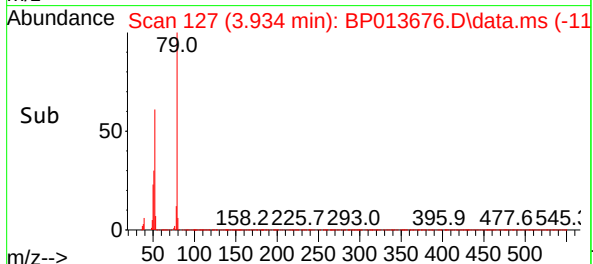
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



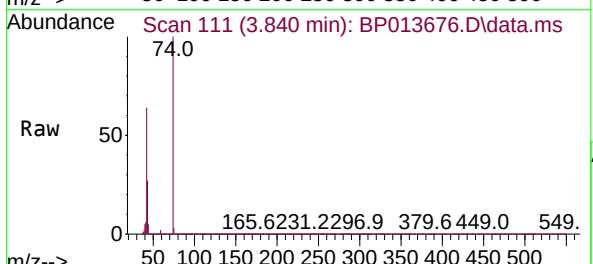
Tgt Ion: 79 Resp: 1573226
Ion Ratio Lower Upper
79 100
52 60.9 48.2 72.2
51 30.1 23.6 35.4

Manual Integrations
APPROVED

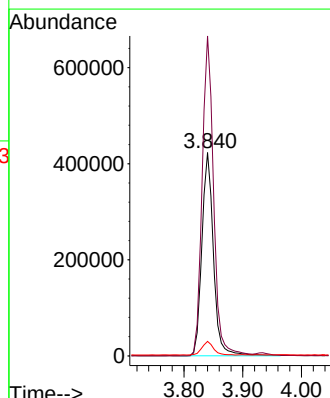
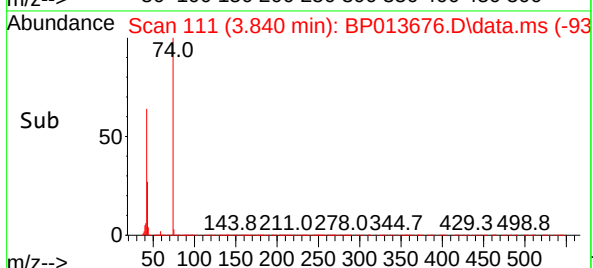
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

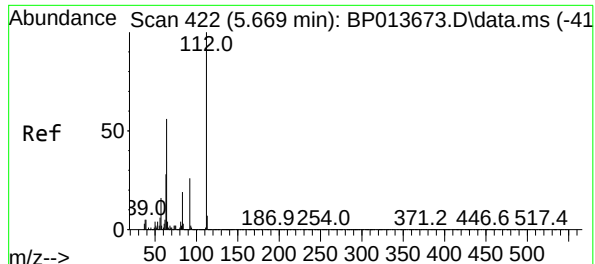


#4
n-Nitrosodimethylamine
Concen: 75.863 ng
RT: 3.840 min Scan# 111
Delta R.T. 0.006 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56



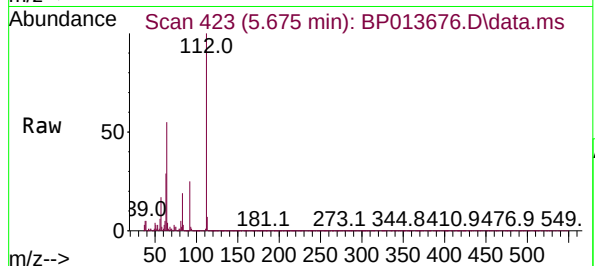
Tgt Ion: 42 Resp: 578641
Ion Ratio Lower Upper
42 100
74 157.4 124.6 187.0
44 7.2 6.3 9.5





#5
2-Fluorophenol
Concen: 145.013 ng
RT: 5.675 min Scan# 422
Delta R.T. 0.006 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

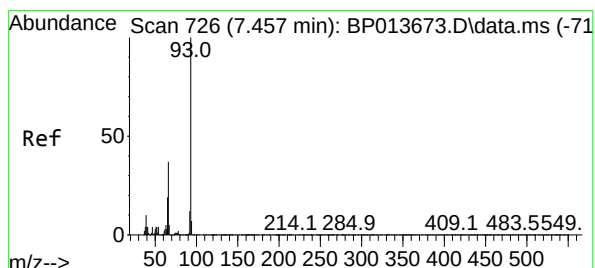
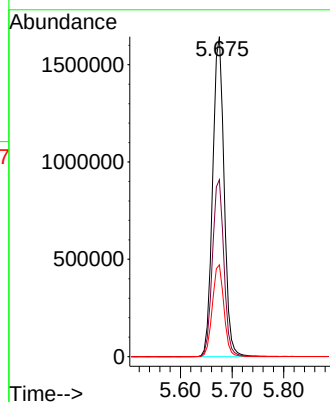
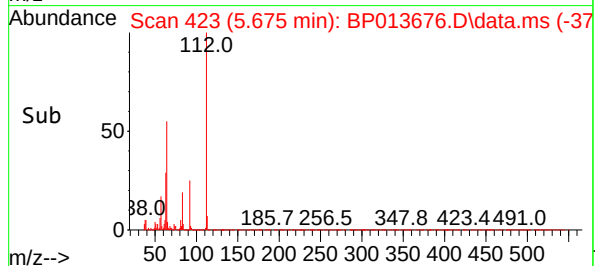
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



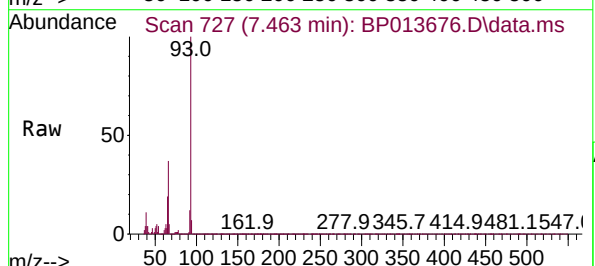
Tgt Ion: 112 Resp: 2532413
Ion Ratio Lower Upper
112 100
64 55.3 44.6 67.0
63 28.7 22.6 34.0

Manual Integrations
APPROVED

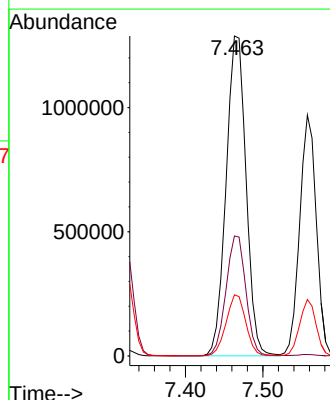
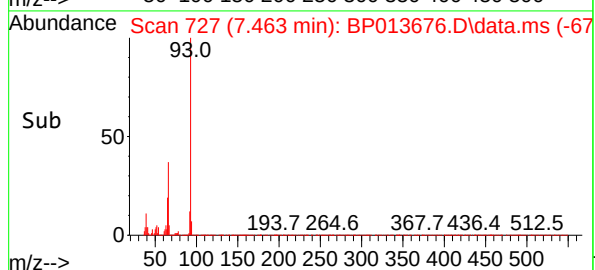
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

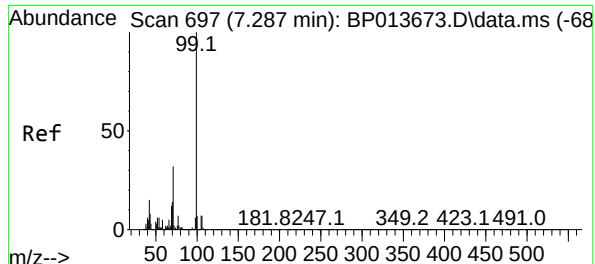


#6
Aniline
Concen: 76.247 ng
RT: 7.463 min Scan# 727
Delta R.T. 0.006 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56



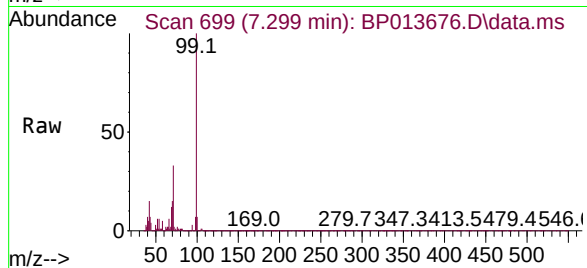
Tgt Ion: 93 Resp: 2312593
Ion Ratio Lower Upper
93 100
66 37.5 29.3 43.9
65 19.1 15.1 22.7





#7
Phenol-d6
Concen: 149.027 ng
RT: 7.299 min Scan# 699
Delta R.T. 0.012 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

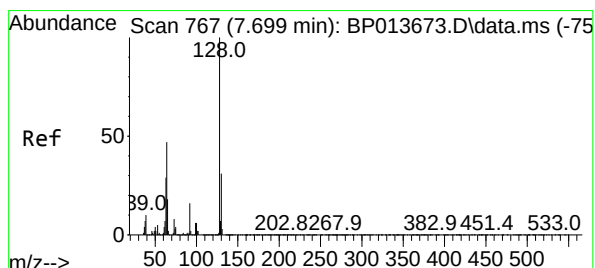
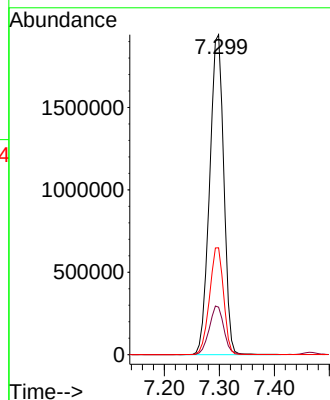
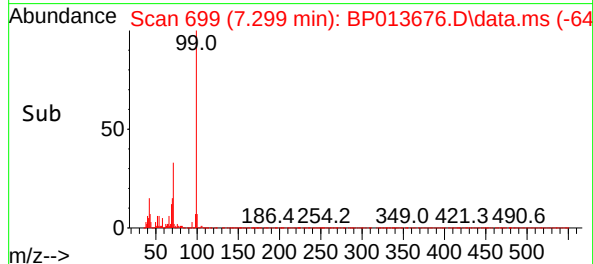
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 99 Resp: 3467185
Ion Ratio Lower Upper
99 100
42 14.8 11.8 17.6
71 33.4 25.6 38.4

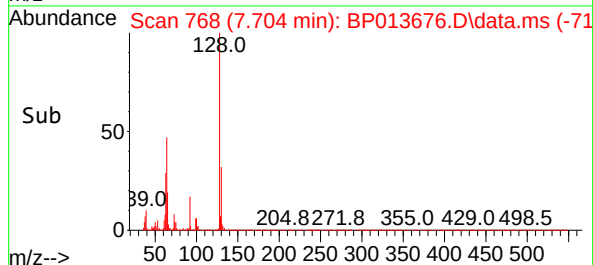
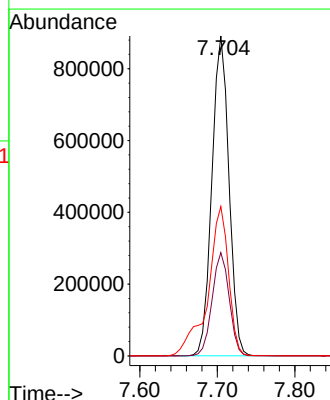
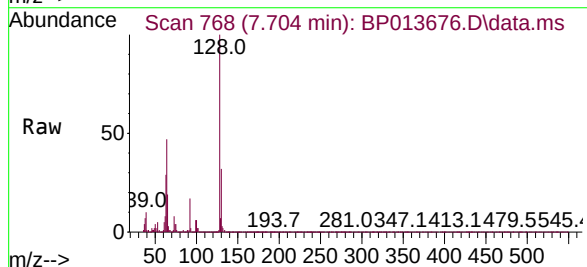
Manual Integrations
APPROVED

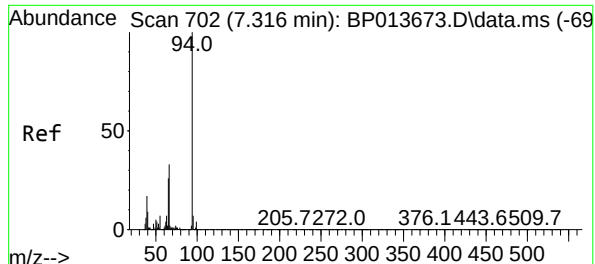
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#8
2-Chlorophenol
Concen: 74.124 ng
RT: 7.704 min Scan# 768
Delta R.T. 0.006 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

Tgt Ion:128 Resp: 1362776
Ion Ratio Lower Upper
128 100
130 32.3 10.8 50.8
64 46.7 26.9 66.9





#10

Phenol

Concen: 75.082 ng

RT: 7.322 min Scan# 702

Delta R.T. 0.006 min

Lab File: BP013676.D

Acq: 31 Jan 2023 15:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 94 Resp: 1824845

Ion Ratio Lower Upper

94 100

65 26.7 6.0 46.0

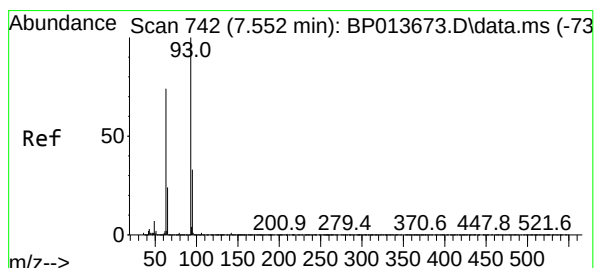
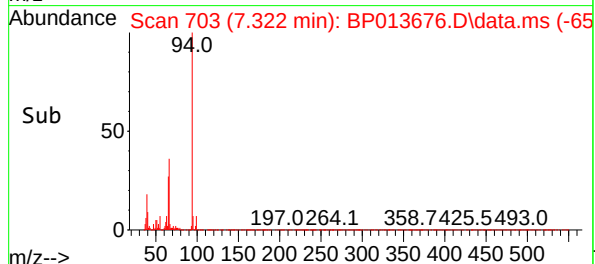
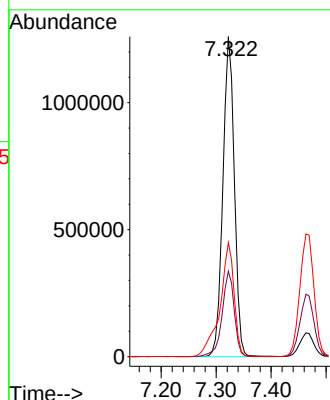
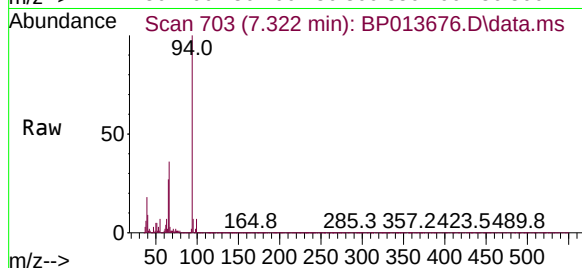
66 35.7 13.1 53.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#11

bis(2-Chloroethyl)ether

Concen: 74.440 ng

RT: 7.557 min Scan# 743

Delta R.T. 0.006 min

Lab File: BP013676.D

Acq: 31 Jan 2023 15:56

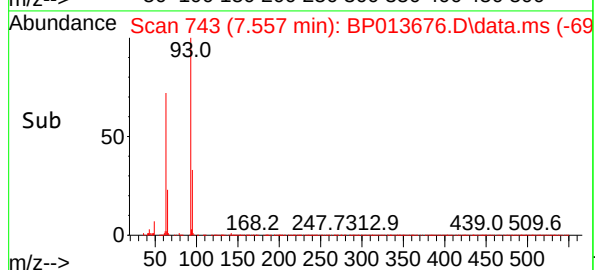
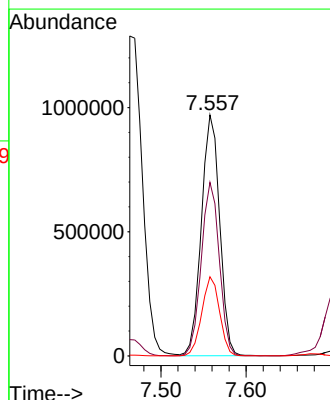
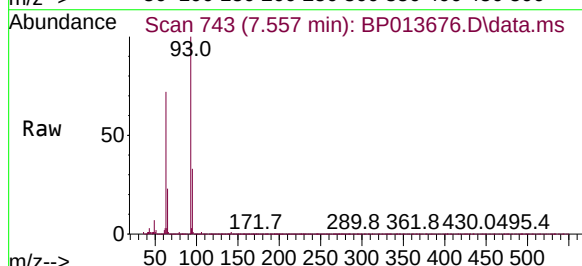
Tgt Ion: 93 Resp: 1445268

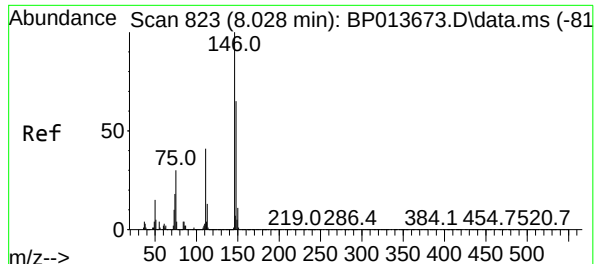
Ion Ratio Lower Upper

93 100

63 72.1 53.7 93.7

95 32.9 12.4 52.4





#12

1,3-Dichlorobenzene

Concen: 72.807 ng

RT: 8.028 min Scan# 81

Delta R.T. -0.000 min

Lab File: BP013676.D

Acq: 31 Jan 2023 15:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 1507834

Ion Ratio Lower Upper

146 100

148 63.7 51.9 77.9

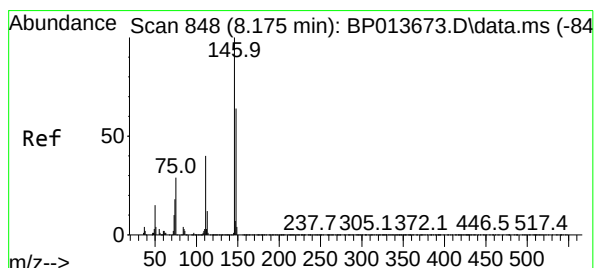
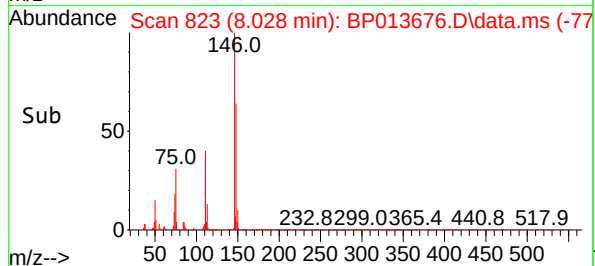
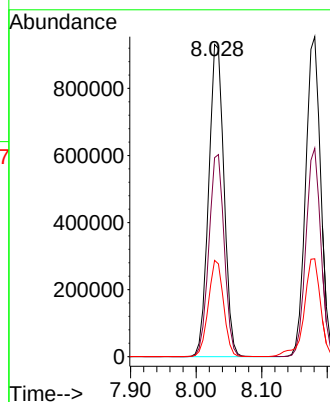
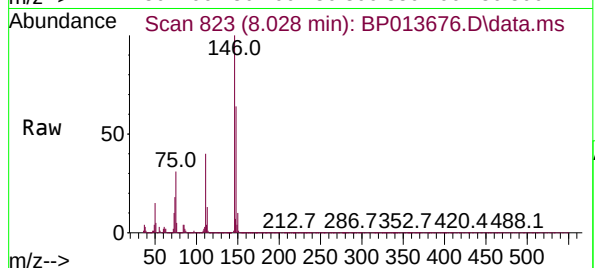
75 30.8 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#13

1,4-Dichlorobenzene

Concen: 72.868 ng

RT: 8.181 min Scan# 849

Delta R.T. 0.006 min

Lab File: BP013676.D

Acq: 31 Jan 2023 15:56

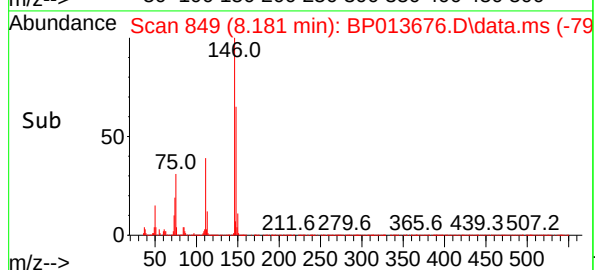
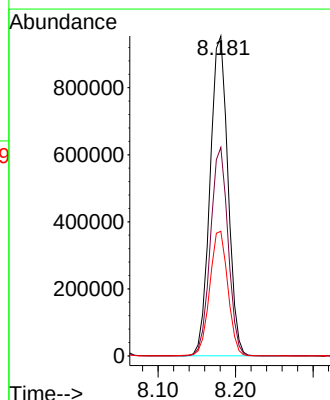
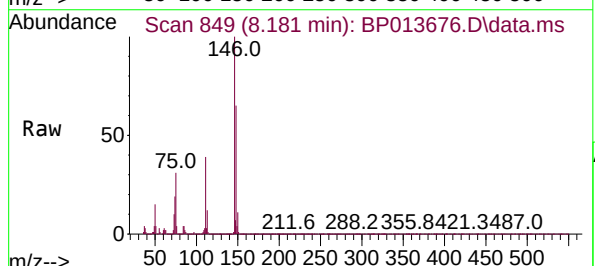
Tgt Ion:146 Resp: 1526926

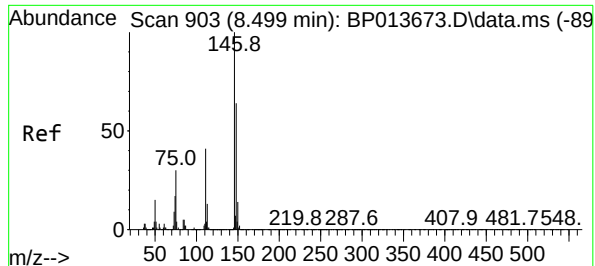
Ion Ratio Lower Upper

146 100

148 65.1 51.5 77.3

111 38.9 32.0 48.0





#14

1,2-Dichlorobenzene

Concen: 71.768 ng

RT: 8.504 min Scan# 904

Delta R.T. 0.006 min

Lab File: BP013676.D

Acq: 31 Jan 2023 15:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 1439059

Ion Ratio Lower Upper

146 100

148 64.0 51.3 76.9

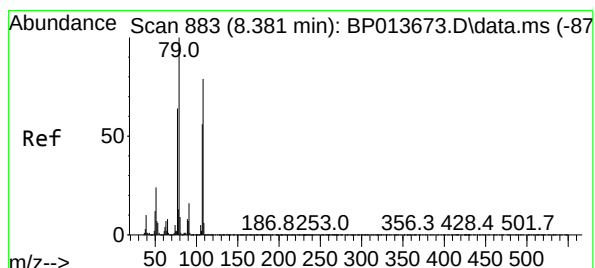
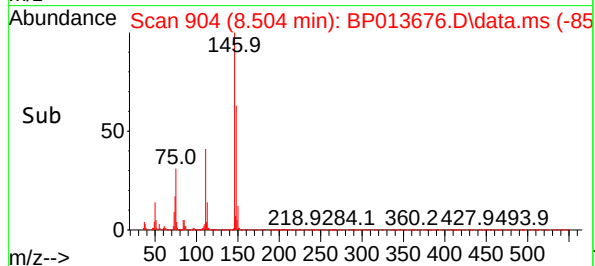
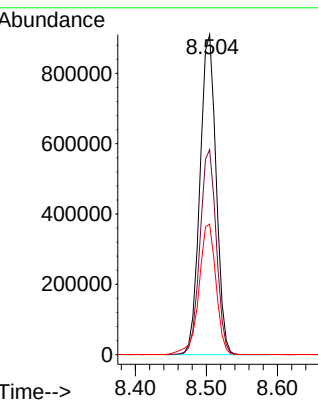
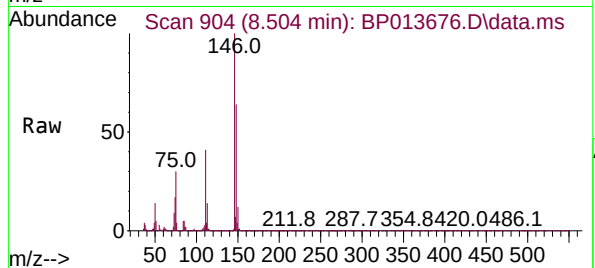
111 40.8 32.8 49.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#15

Benzyl Alcohol

Concen: 79.512 ng

RT: 8.387 min Scan# 884

Delta R.T. 0.006 min

Lab File: BP013676.D

Acq: 31 Jan 2023 15:56

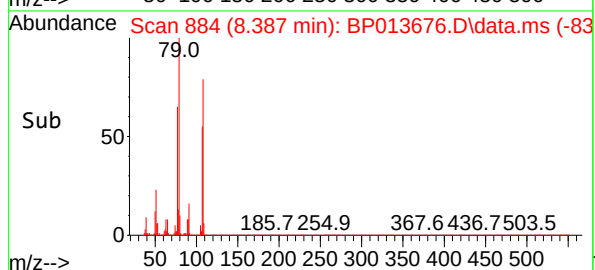
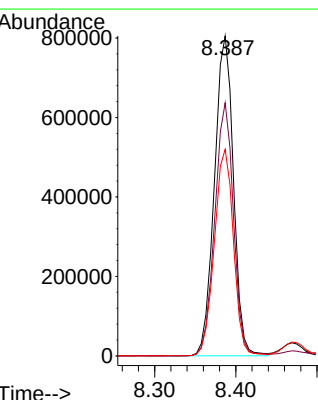
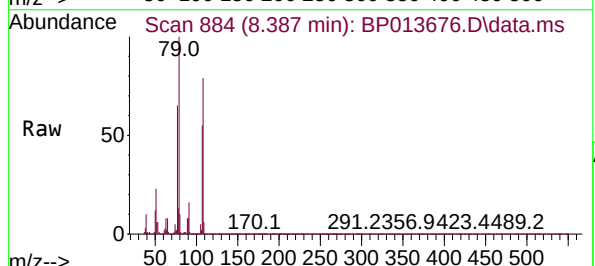
Tgt Ion: 79 Resp: 1309917

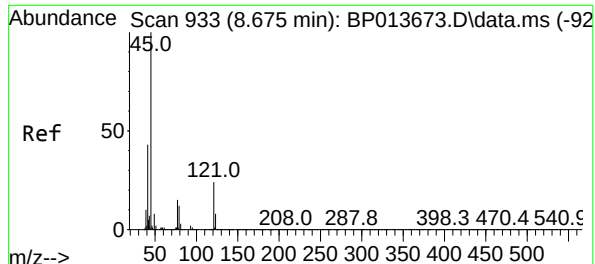
Ion Ratio Lower Upper

79 100

108 79.1 62.9 94.3

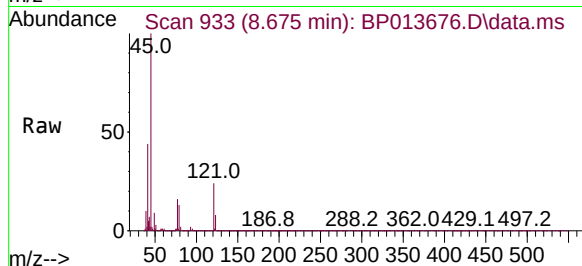
77 64.6 51.1 76.7





#16
2,2'-oxybis(1-Chloropropane)
Concen: 72.947 ng
RT: 8.675 min Scan# 911
Delta R.T. -0.000 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

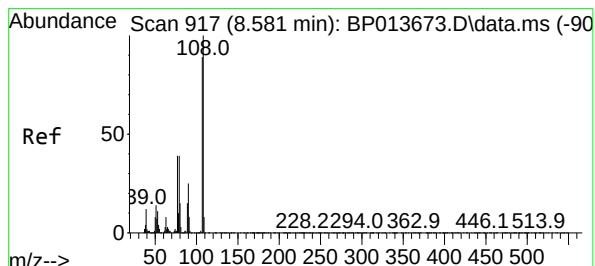
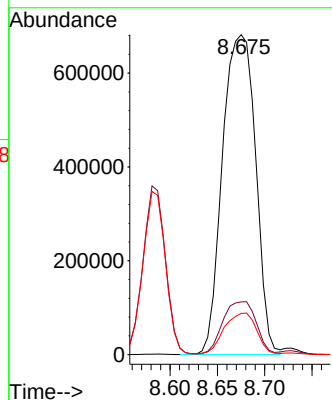
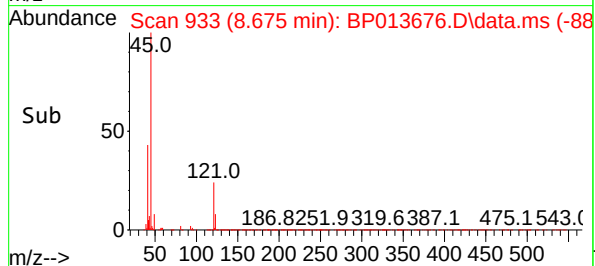
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



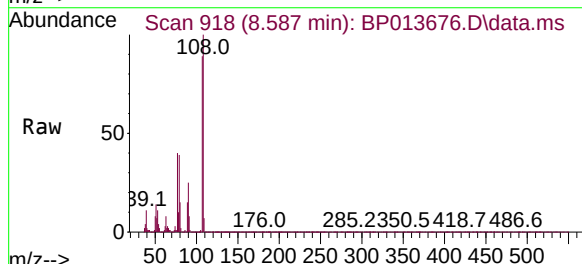
Tgt Ion: 45 Resp: 1660395
Ion Ratio Lower Upper
45 100
77 16.5 0.0 36.4
79 12.9 0.0 33.4

Manual Integrations
APPROVED

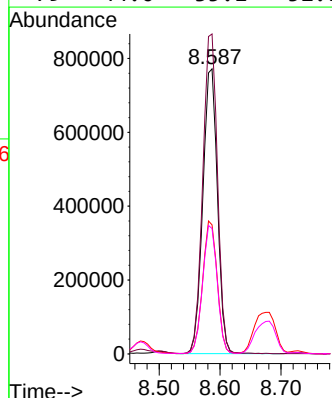
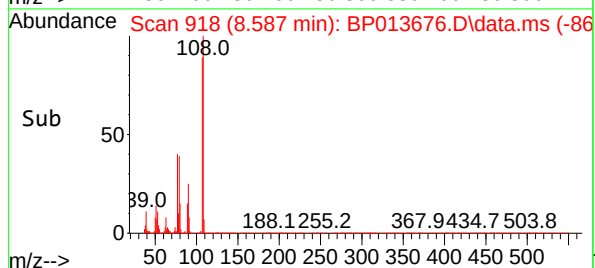
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

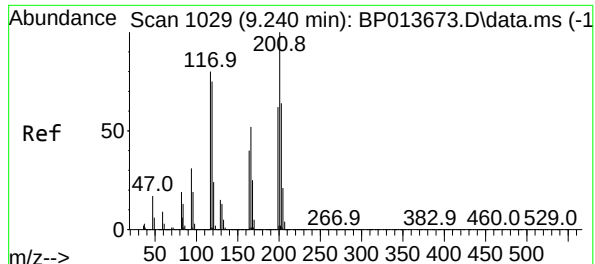


#17
2-Methylphenol
Concen: 75.346 ng
RT: 8.587 min Scan# 918
Delta R.T. 0.006 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56



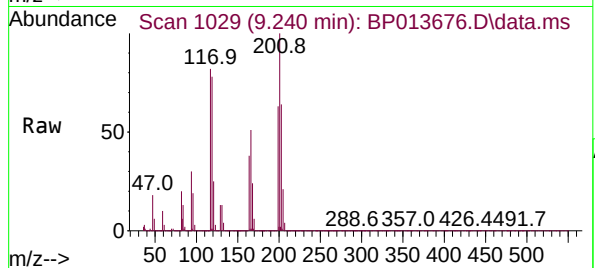
Tgt Ion:107 Resp: 1283256
Ion Ratio Lower Upper
107 100
108 112.3 90.0 135.0
77 45.3 35.7 53.5
79 44.0 35.1 52.7





#18
Hexachloroethane
Concen: 75.854 ng
RT: 9.240 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

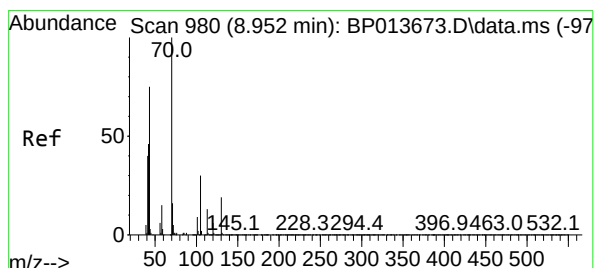
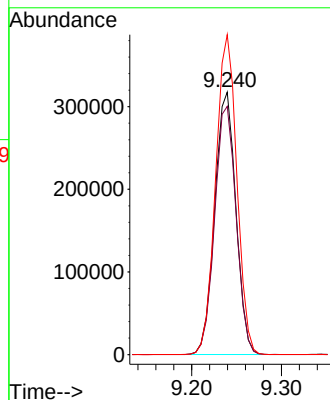
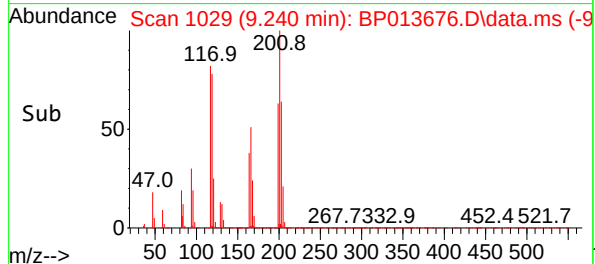
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 117 Resp: 524123
Ion Ratio Lower Upper
117 100
119 94.6 75.0 112.4
201 121.9 100.4 150.6

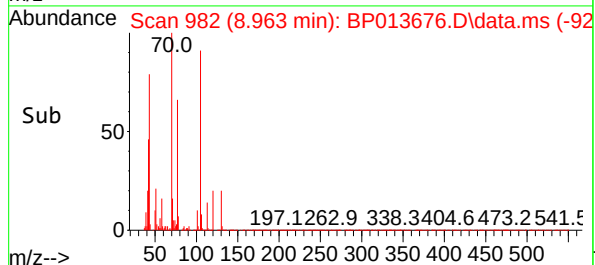
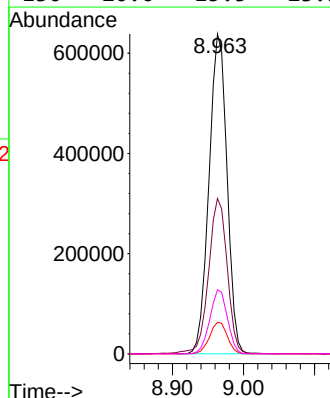
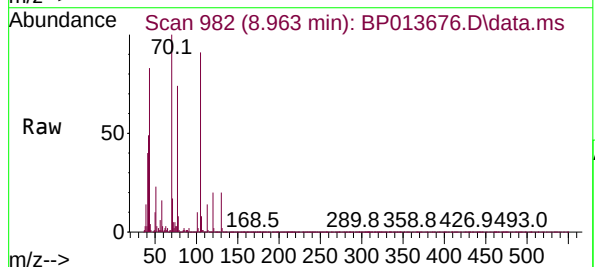
Manual Integrations
APPROVED

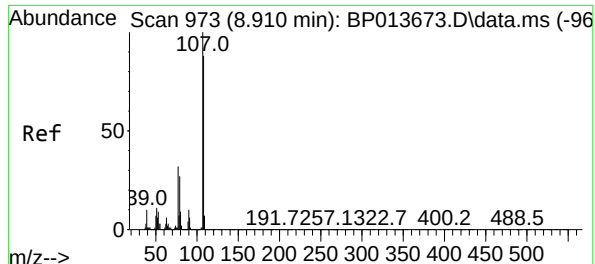
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#19
n-Nitroso-di-n-propylamine
Concen: 77.091 ng
RT: 8.963 min Scan# 982
Delta R.T. 0.011 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

Tgt Ion: 70 Resp: 1125296
Ion Ratio Lower Upper
70 100
42 48.6 37.2 55.8
101 9.9 7.4 11.2
130 20.0 15.5 23.3





#20

3+4-Methylphenols

Concen: 76.894 ng

RT: 8.922 min Scan# 91

Delta R.T. 0.012 min

Lab File: BP013676.D

Acq: 31 Jan 2023 15:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:107 Resp: 1786595

Ion Ratio Lower Upper

107 100

108 90.7 67.7 107.7

77 33.5 12.0 52.0

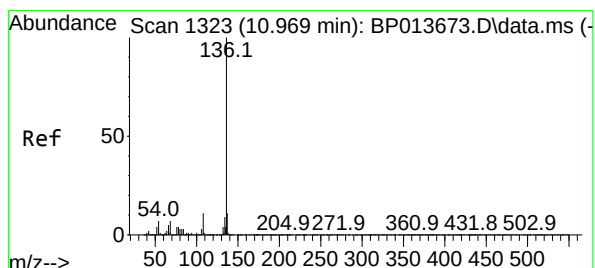
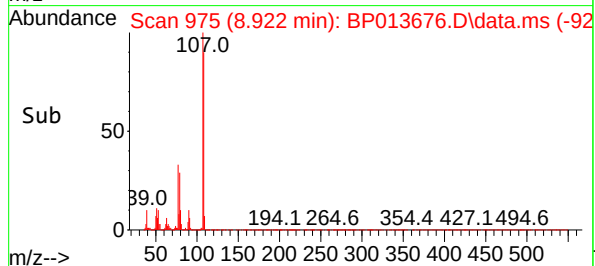
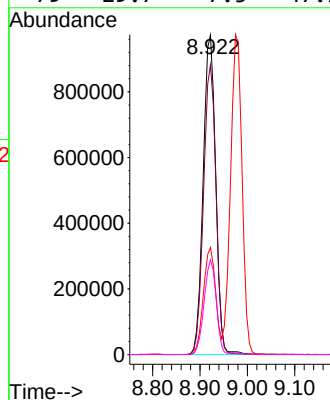
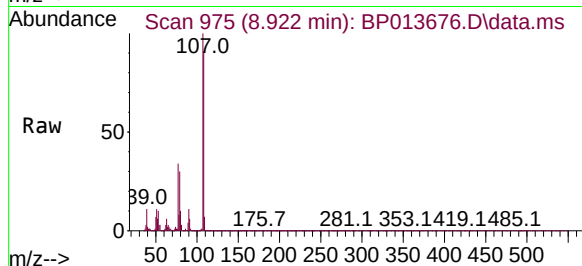
79 29.7 7.5 47.5

Manual Integrations

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Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.975 min Scan# 1324

Delta R.T. 0.006 min

Lab File: BP013676.D

Acq: 31 Jan 2023 15:56

Tgt Ion:136 Resp: 1082866

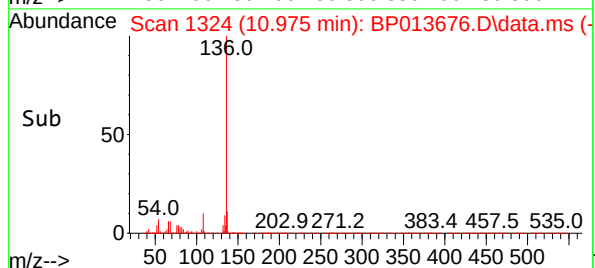
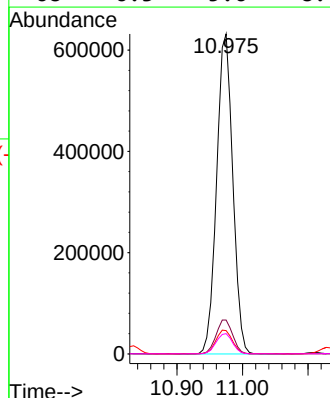
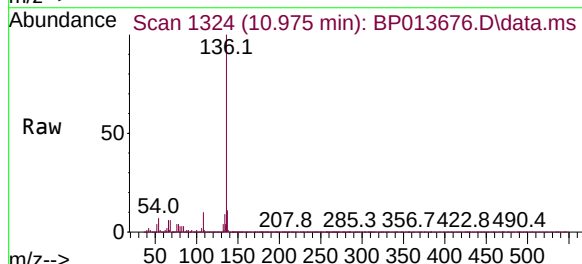
Ion Ratio Lower Upper

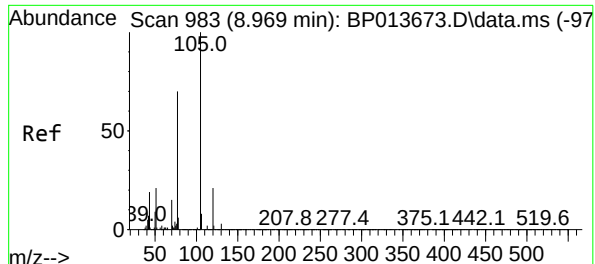
136 100

137 10.6 8.9 13.3

54 7.3 6.0 9.0

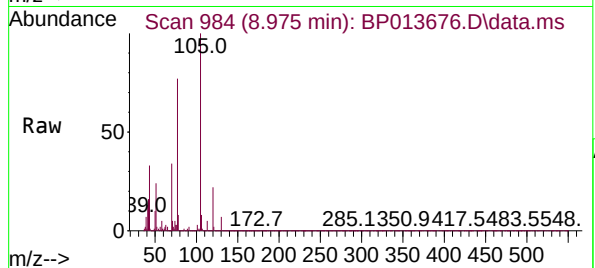
68 6.3 5.6 8.4





#22
Acetophenone
Concen: 75.435 ng
RT: 8.975 min Scan# 984
Delta R.T. 0.006 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

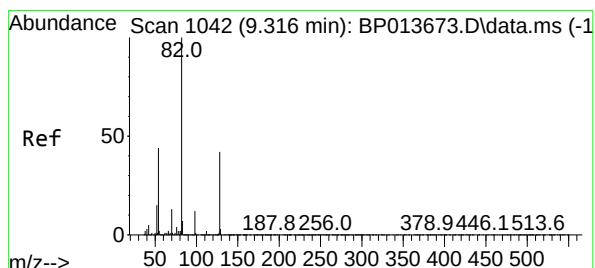
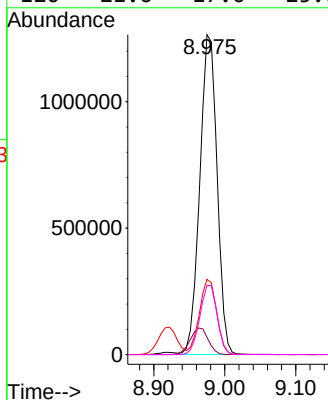
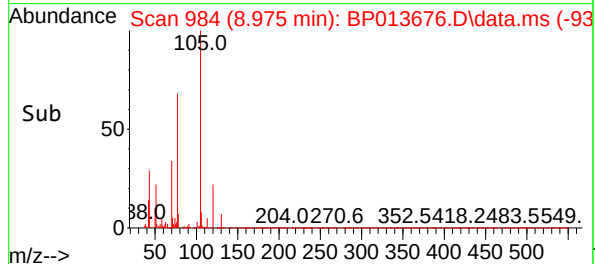
Instrument :
BNA_P
Client Sample Id :
SSTDICC080



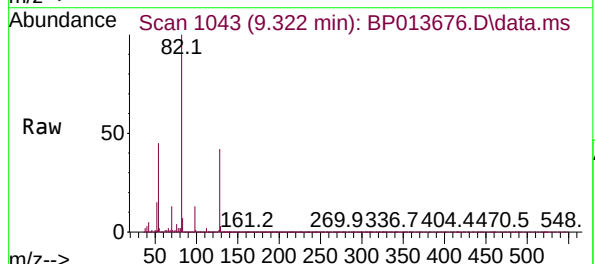
Tgt Ion: 105 Resp: 2130147
Ion Ratio Lower Upper
105 100
71 5.4 2.2 3.2
51 23.5 18.6 27.8
120 21.6 17.0 25.6

Manual Integrations
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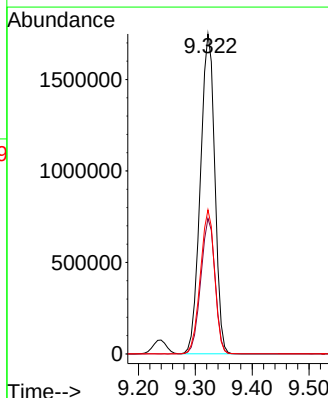
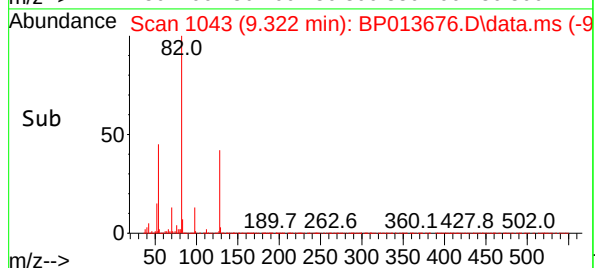
Reviewed By : Christian Giraldo 02/01/2023
Supervised By : Jagrut Upadhyay 02/01/2023

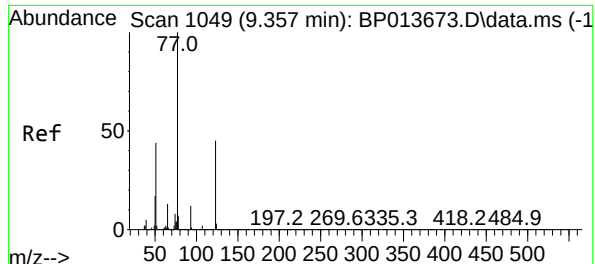


#23
Nitrobenzene-d5
Concen: 165.946 ng
RT: 9.322 min Scan# 1043
Delta R.T. 0.006 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56



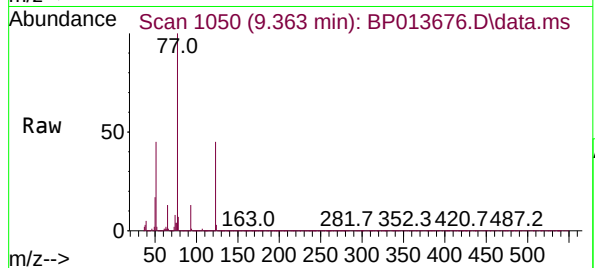
Tgt Ion: 82 Resp: 3089195
Ion Ratio Lower Upper
82 100
128 42.3 33.4 50.0
54 45.0 35.4 53.0





#24
Nitrobenzene
Concen: 80.299 ng
RT: 9.363 min Scan# 1049
Delta R.T. 0.006 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

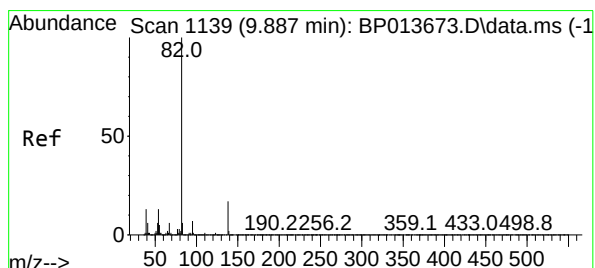
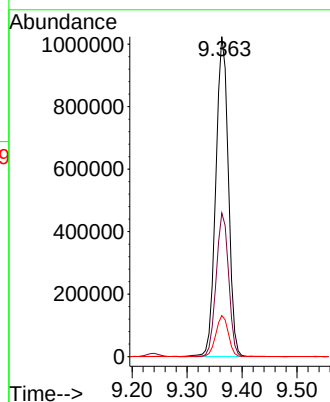
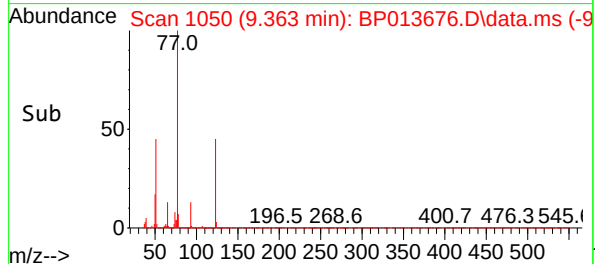
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 77 Resp: 1621379
Ion Ratio Lower Upper
77 100
123 44.9 35.9 53.9
65 12.8 10.2 15.4

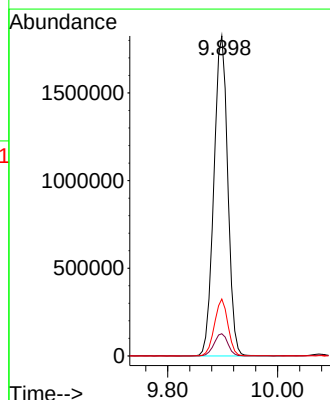
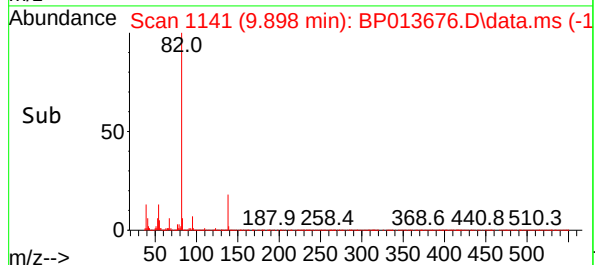
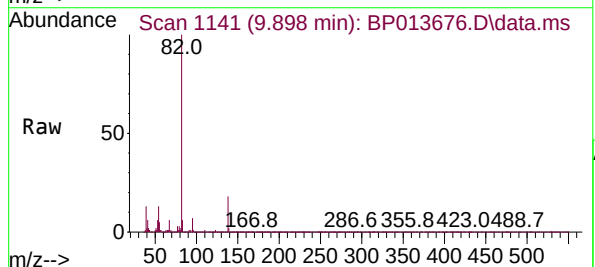
Manual Integrations
APPROVED

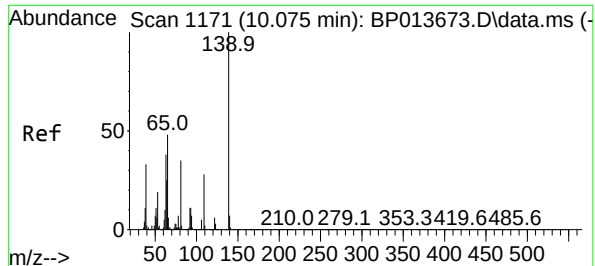
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#25
Isophorone
Concen: 77.233 ng
RT: 9.898 min Scan# 1141
Delta R.T. 0.011 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

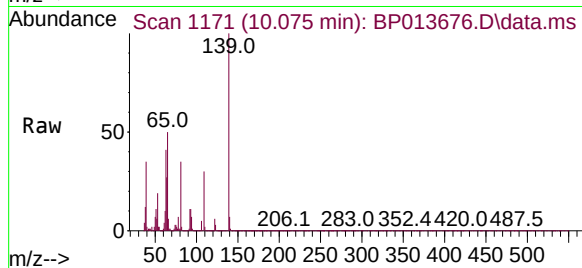
Tgt Ion: 82 Resp: 3186675
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 17.8 13.9 20.9





#26
2-Nitrophenol
Concen: 90.393 ng
RT: 10.075 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

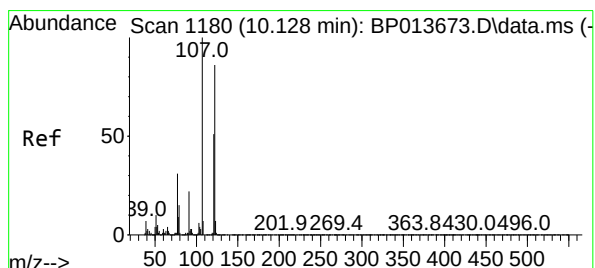
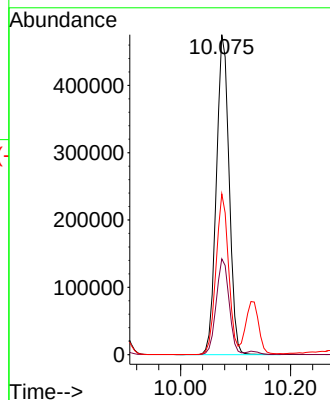
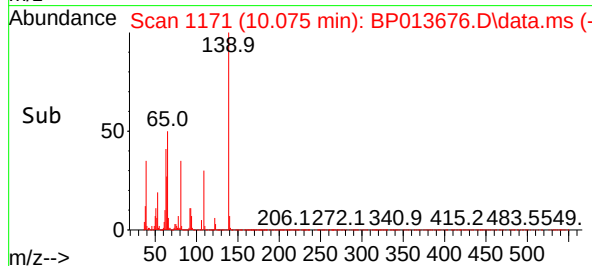
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:139 Resp: 763965
Ion Ratio Lower Upper
139 100
109 29.9 22.7 34.1
65 50.2 38.8 58.2

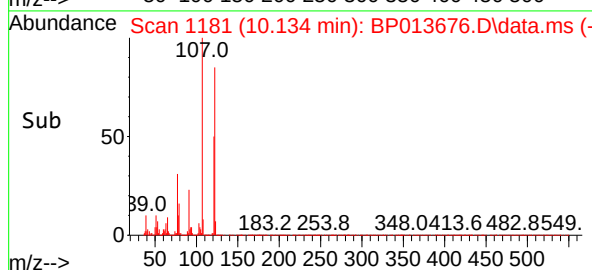
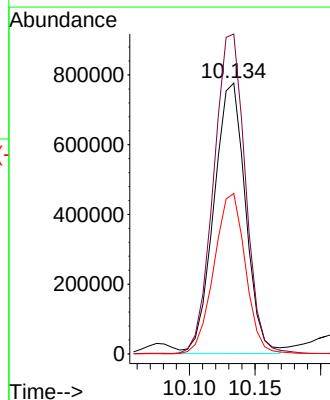
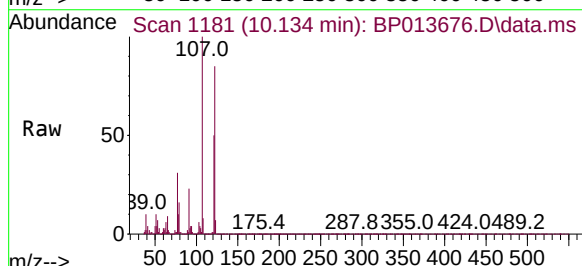
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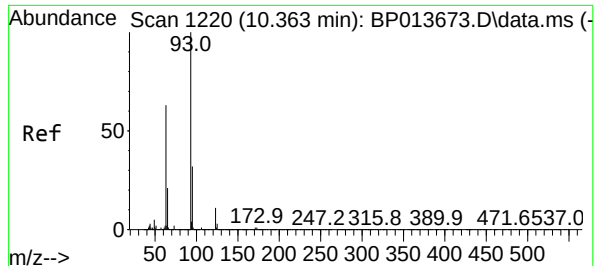
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#27
2,4-Dimethylphenol
Concen: 75.165 ng
RT: 10.134 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

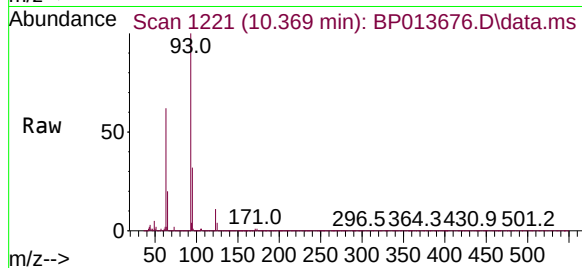
Tgt Ion:122 Resp: 1300585
Ion Ratio Lower Upper
122 100
107 118.1 93.0 139.6
121 59.2 47.0 70.4





#28
bis(2-Chloroethoxy)methane
Concen: 75.502 ng
RT: 10.369 min Scan# 1220
Delta R.T. 0.006 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

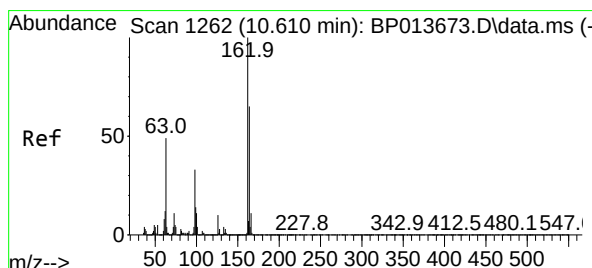
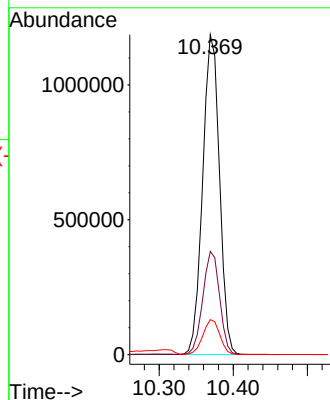
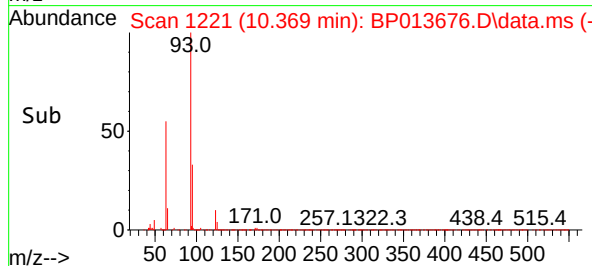
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 93 Resp: 1867152
Ion Ratio Lower Upper
93 100
95 32.2 26.0 39.0
123 10.9 8.7 13.1

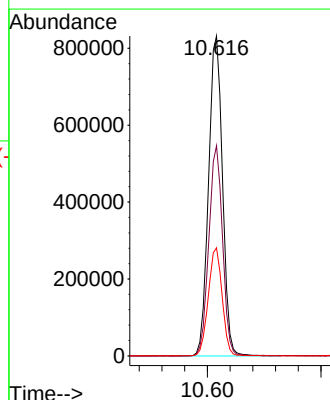
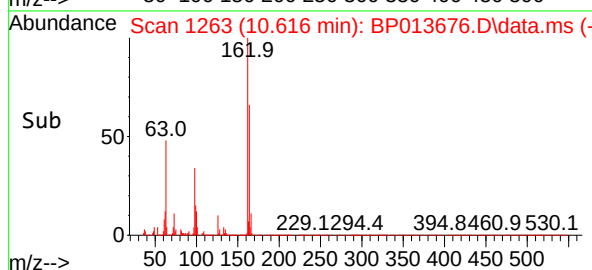
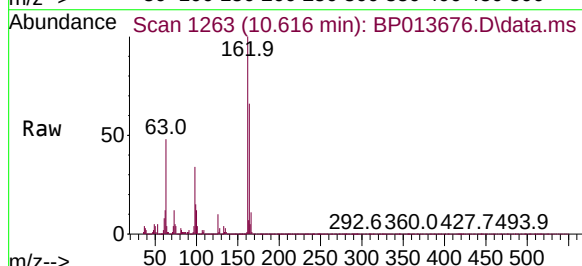
Manual Integrations
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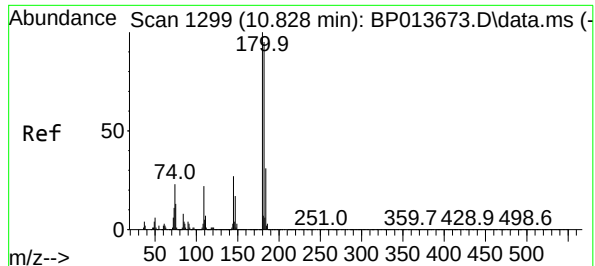
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#29
2,4-Dichlorophenol
Concen: 78.381 ng
RT: 10.616 min Scan# 1263
Delta R.T. 0.006 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

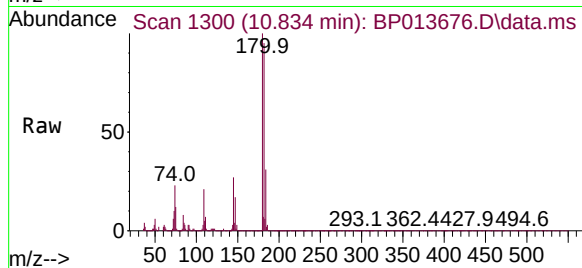
Tgt Ion:162 Resp: 1420568
Ion Ratio Lower Upper
162 100
164 65.7 44.8 84.8
98 33.8 13.4 53.4





#30
1,2,4-Trichlorobenzene
Concen: 75.999 ng
RT: 10.834 min Scan# 1300
Delta R.T. 0.006 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

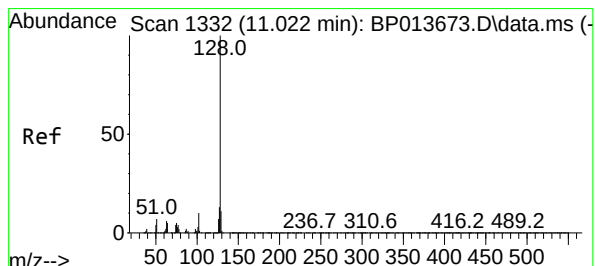
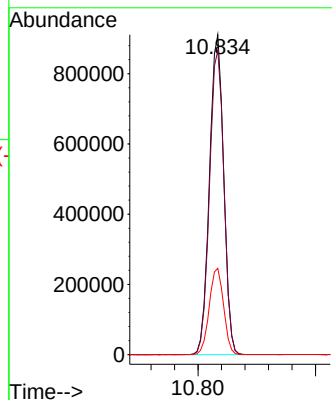
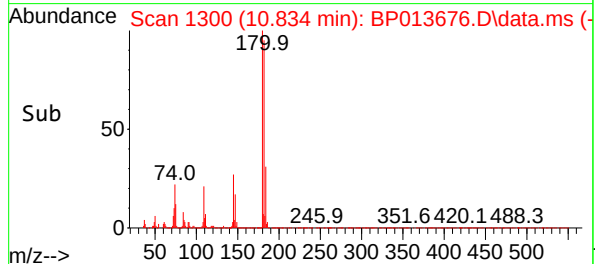
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:180 Resp: 1528345
Ion Ratio Lower Upper
180 100
182 95.1 76.4 114.6
145 27.0 21.9 32.9

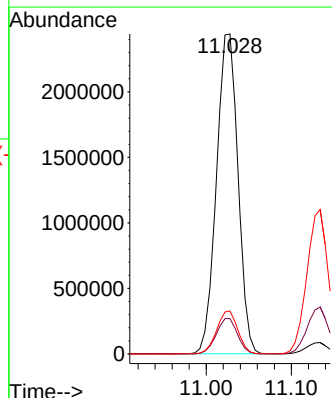
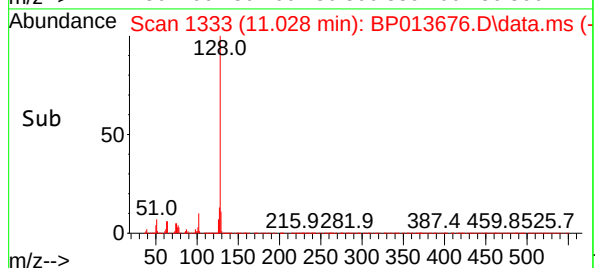
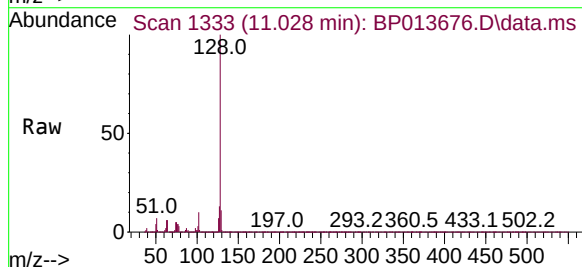
Manual Integrations
APPROVED

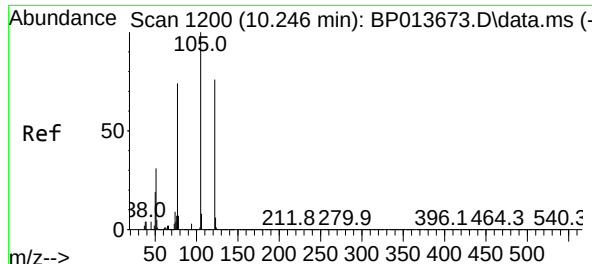
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#31
Naphthalene
Concen: 75.238 ng
RT: 11.028 min Scan# 1333
Delta R.T. 0.006 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

Tgt Ion:128 Resp: 4283821
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.4 10.5 15.7





#32

Benzoic acid

Concen: 88.393 ng

RT: 10.310 min Scan# 1211

Delta R.T. 0.064 min

Lab File: BP013676.D

Acq: 31 Jan 2023 15:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:122 Resp: 1094188

Ion Ratio Lower Upper

122 100

105 127.7 105.5 145.5

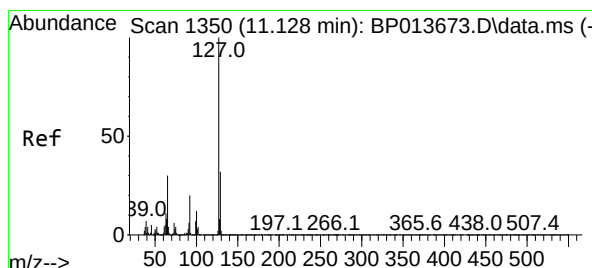
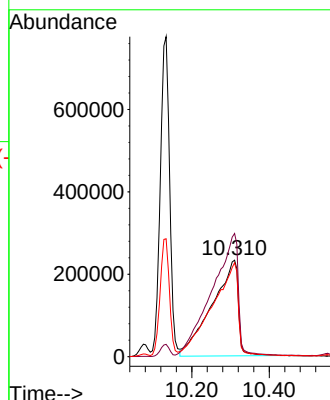
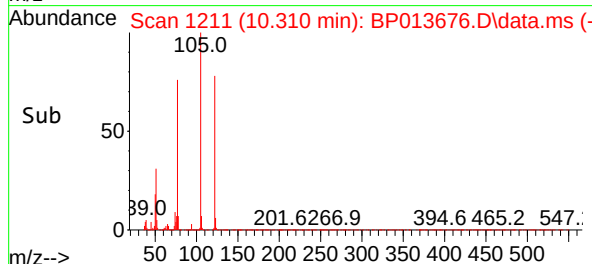
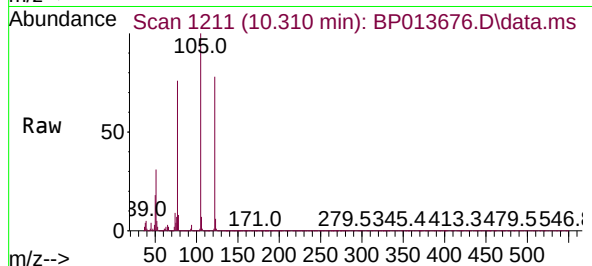
77 97.5 74.7 114.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#33

4-Chloroaniline

Concen: 77.356 ng

RT: 11.134 min Scan# 1351

Delta R.T. 0.006 min

Lab File: BP013676.D

Acq: 31 Jan 2023 15:56

Tgt Ion:127 Resp: 1935287

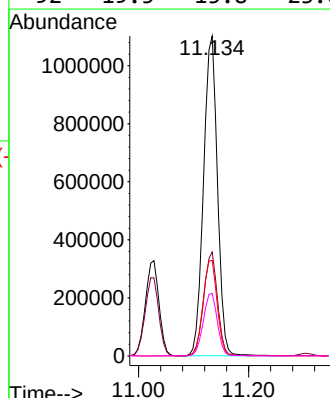
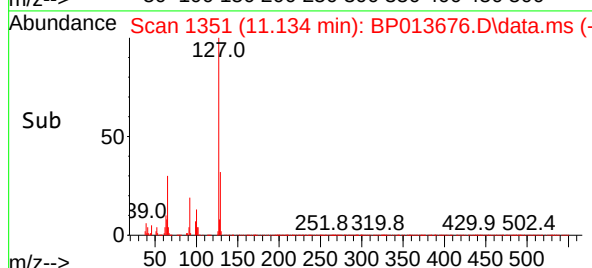
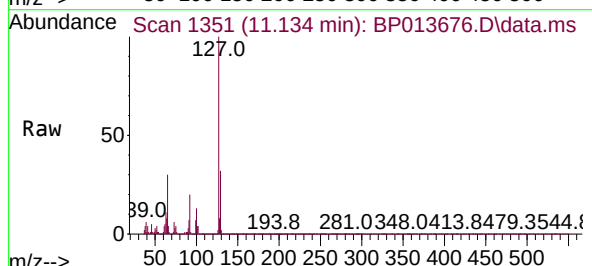
Ion Ratio Lower Upper

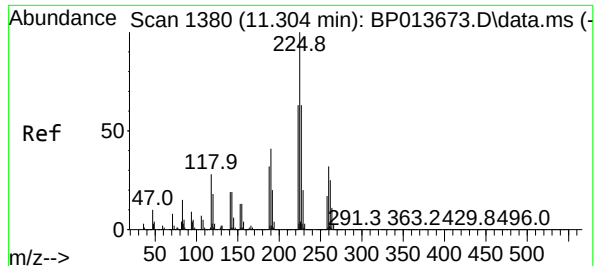
127 100

129 32.5 25.3 37.9

65 29.9 23.8 35.8

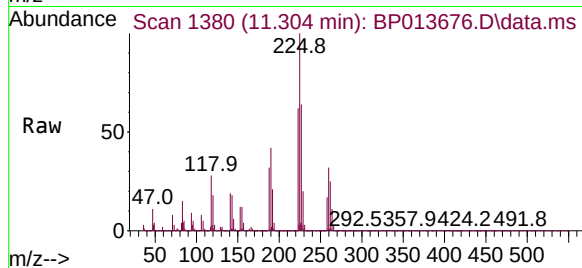
92 19.5 15.8 23.6





#34
Hexachlorobutadiene
Concen: 77.498 ng
RT: 11.304 min Scan# 1380
Delta R.T. -0.000 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

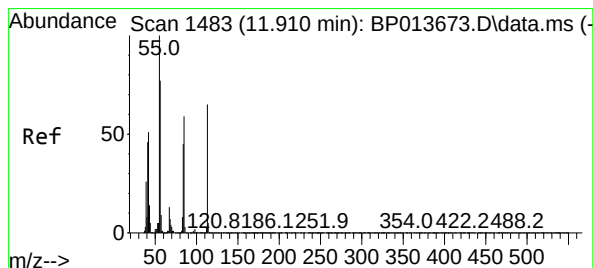
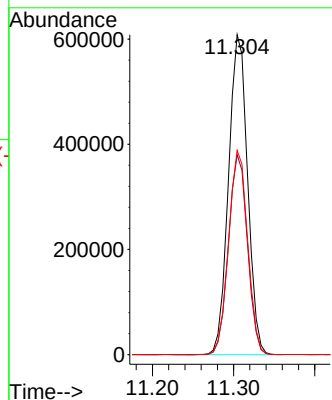
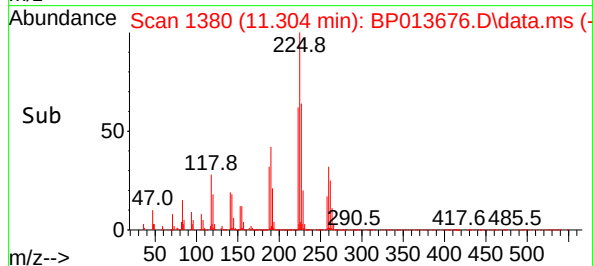
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:225 Resp: 989291
Ion Ratio Lower Upper
225 100
223 62.4 50.5 75.7
227 63.8 50.6 75.8

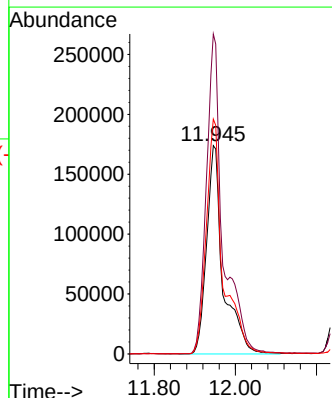
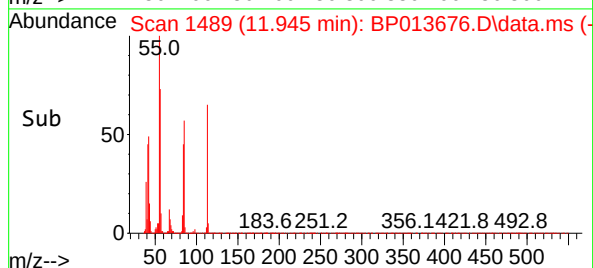
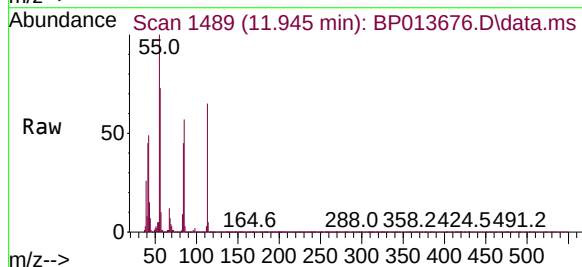
Manual Integrations
APPROVED

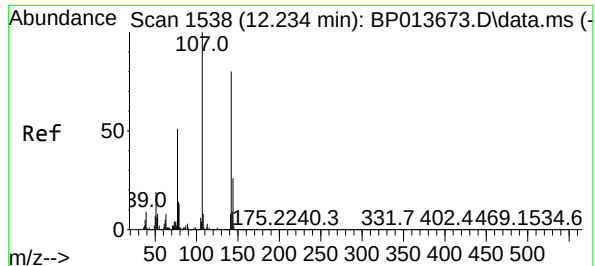
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#35
Caprolactam
Concen: 82.907 ng
RT: 11.945 min Scan# 1489
Delta R.T. 0.035 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

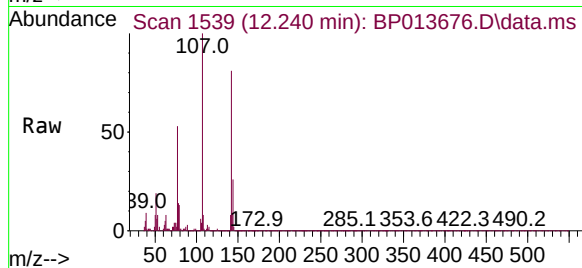
Tgt Ion:113 Resp: 491554
Ion Ratio Lower Upper
113 100
55 153.7 133.0 173.0
56 112.8 97.4 137.4





#36
4-Chloro-3-methylphenol
Concen: 80.653 ng
RT: 12.240 min Scan# 1538
Delta R.T. 0.006 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

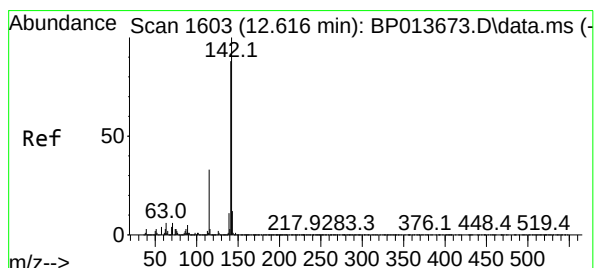
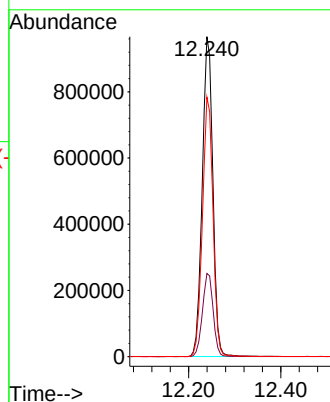
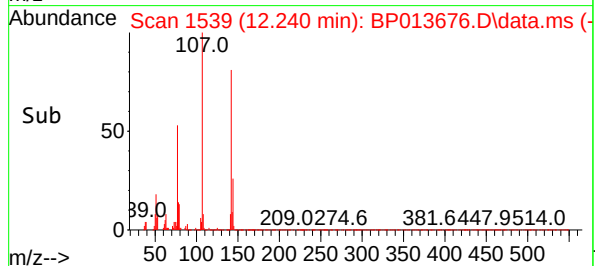
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:107 Resp: 1537612
Ion Ratio Lower Upper
107 100
144 26.0 20.8 31.2
142 81.1 64.0 96.0

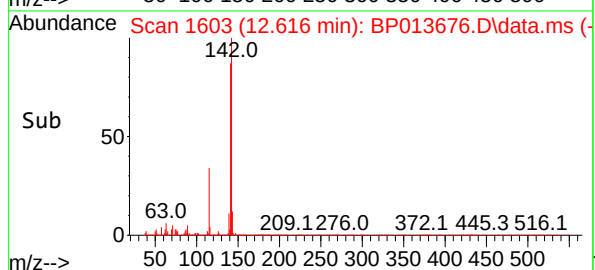
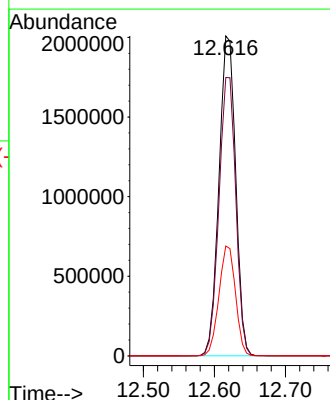
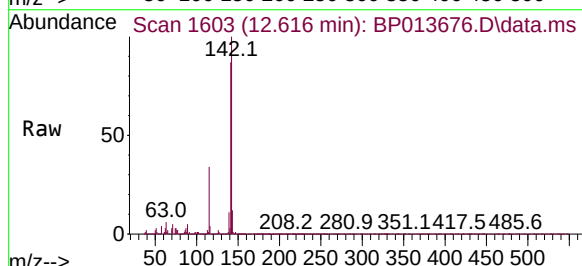
Manual Integrations
APPROVED

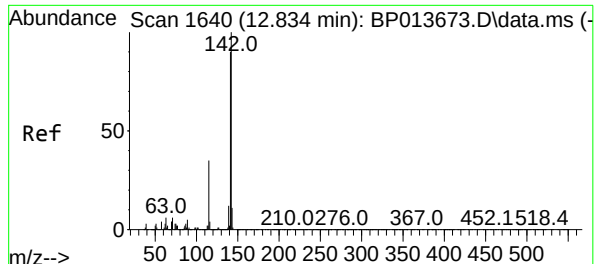
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#37
2-Methylnaphthalene
Concen: 76.820 ng
RT: 12.616 min Scan# 1603
Delta R.T. -0.000 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

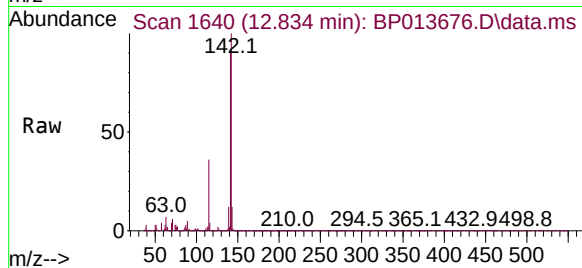
Tgt Ion:142 Resp: 3288778
Ion Ratio Lower Upper
142 100
141 87.0 70.3 105.5
115 34.3 26.4 39.6





#38
1-Methylnaphthalene
Concen: 76.484 ng
RT: 12.834 min Scan# 1640
Delta R.T. -0.000 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

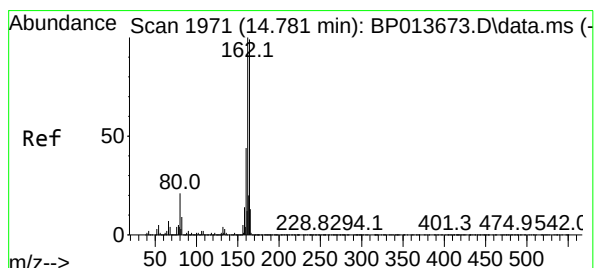
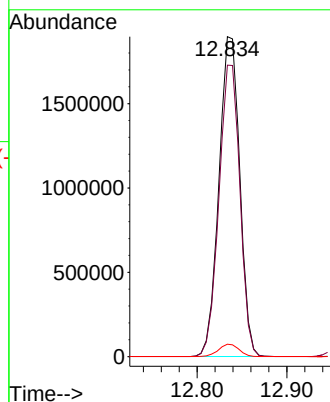
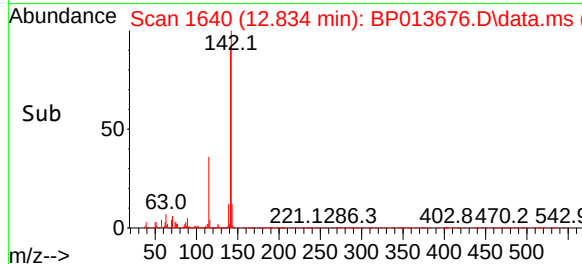
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



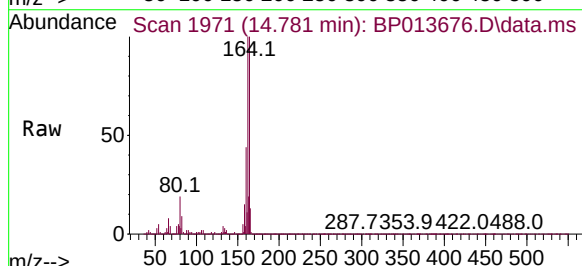
Tgt Ion:142 Resp: 307584
Ion Ratio Lower Upper
142 100
141 91.1 72.2 108.4
116 3.9 3.0 4.4

Manual Integrations
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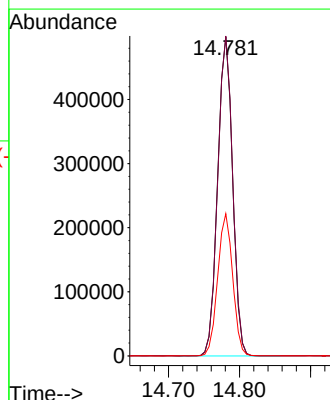
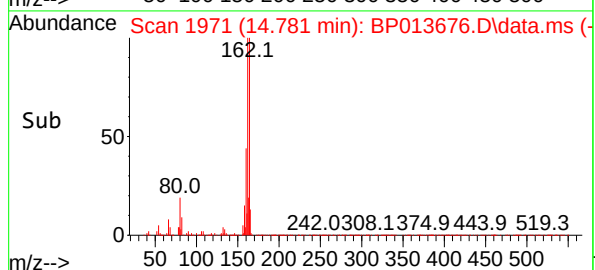
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

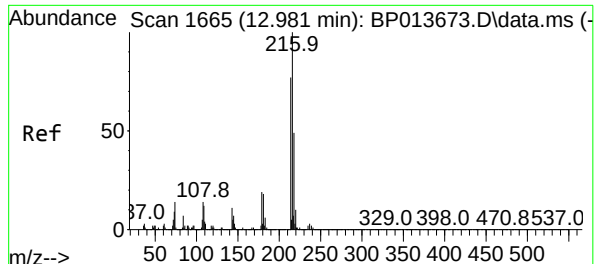


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.781 min Scan# 1971
Delta R.T. -0.000 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56



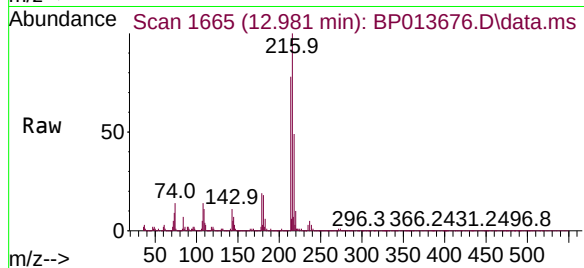
Tgt Ion:164 Resp: 726943
Ion Ratio Lower Upper
164 100
162 100.4 80.8 121.2
160 44.6 35.6 53.4





#40
1,2,4,5-Tetrachlorobenzene
Concen: 79.830 ng
RT: 12.981 min Scan# 1665
Delta R.T. -0.000 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

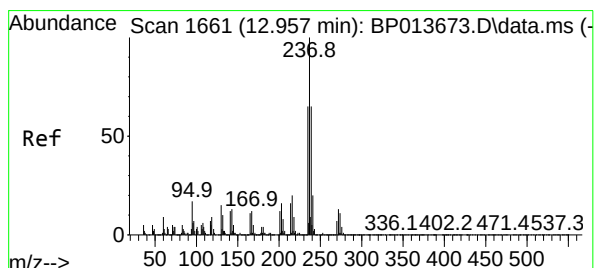
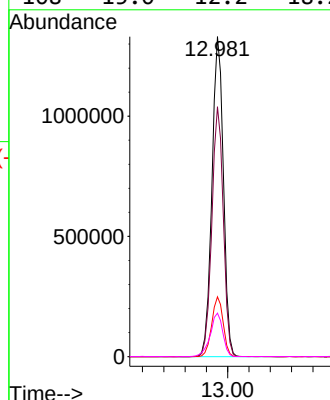
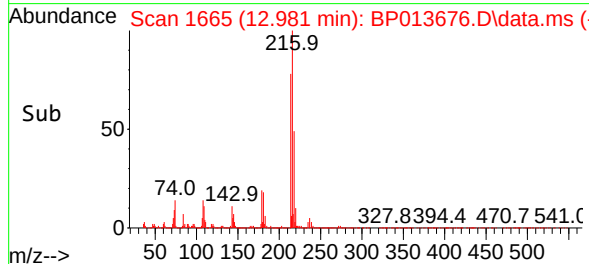
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



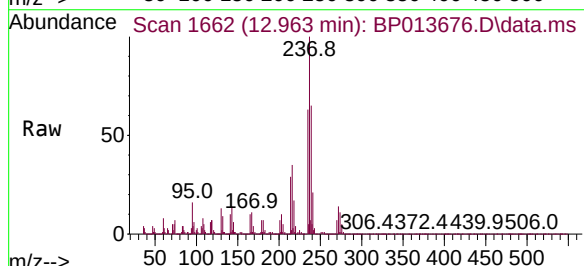
Tgt Ion:216 Resp: 1981227
Ion Ratio Lower Upper
216 100
214 78.2 62.6 94.0
179 18.7 15.2 22.8
108 15.0 12.2 18.2

Manual Integrations
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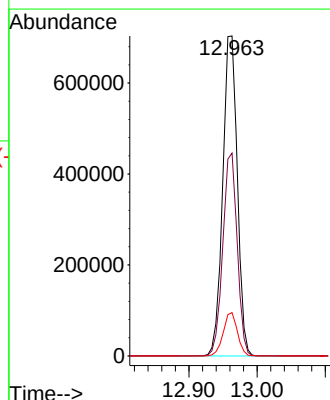
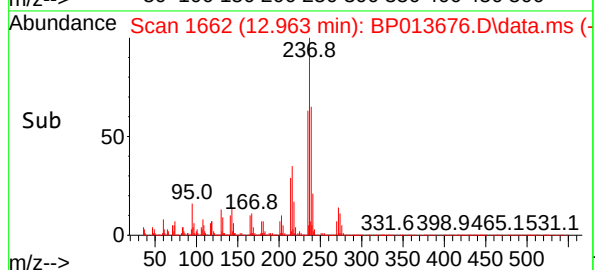
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

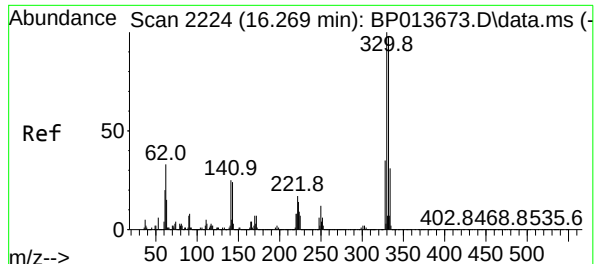


#41
Hexachlorocyclopentadiene
Concen: 91.566 ng
RT: 12.963 min Scan# 1662
Delta R.T. 0.006 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56



Tgt Ion:237 Resp: 1037220
Ion Ratio Lower Upper
237 100
235 63.4 44.6 84.6
272 13.5 0.0 33.2





#42

2,4,6-Tribromophenol

Concen: 165.909 ng

RT: 16.269 min Scan# 2224

Delta R.T. -0.000 min

Lab File: BP013676.D

Acq: 31 Jan 2023 15:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:330 Resp: 1808965

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.2

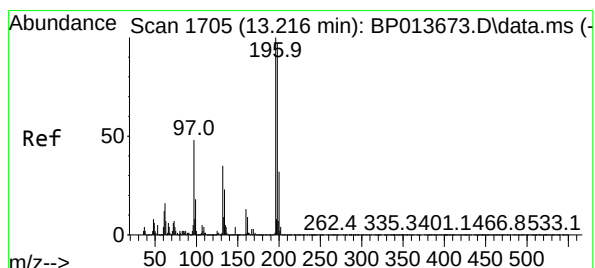
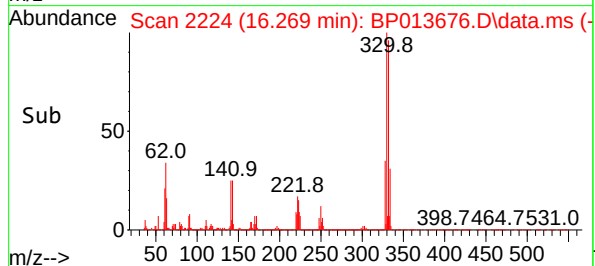
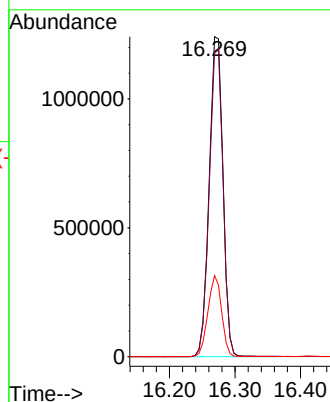
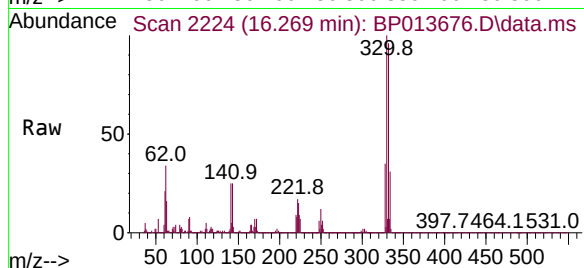
141 25.1 21.3 31.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#43

2,4,6-Trichlorophenol

Concen: 82.165 ng

RT: 13.216 min Scan# 1705

Delta R.T. -0.000 min

Lab File: BP013676.D

Acq: 31 Jan 2023 15:56

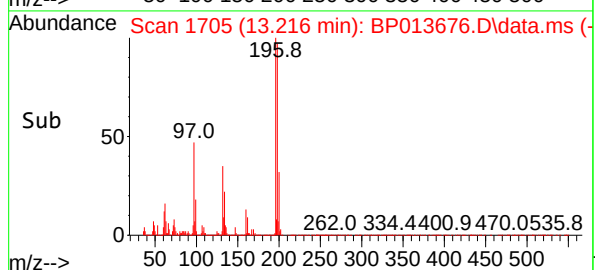
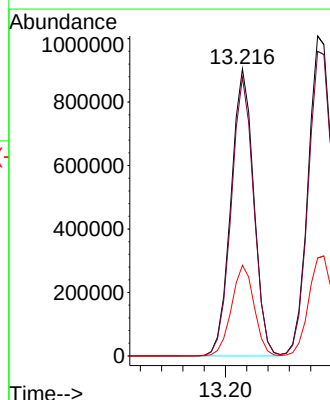
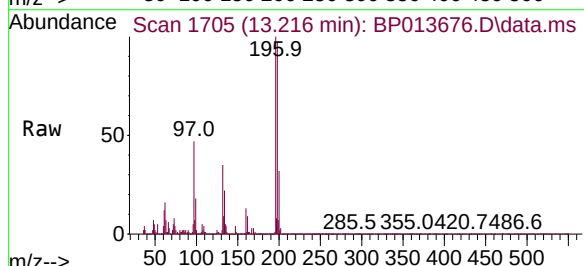
Tgt Ion:196 Resp: 1342762

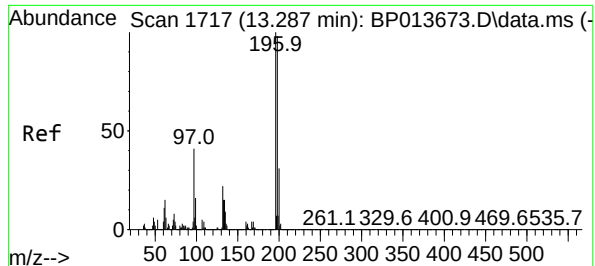
Ion Ratio Lower Upper

196 100

198 97.0 77.5 116.3

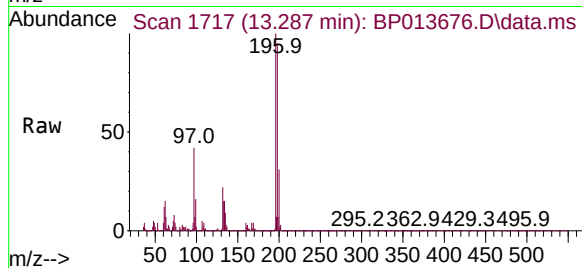
200 31.6 25.3 37.9





#44
2,4,5-Trichlorophenol
Concen: 82.524 ng
RT: 13.287 min Scan# 1717
Delta R.T. -0.000 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

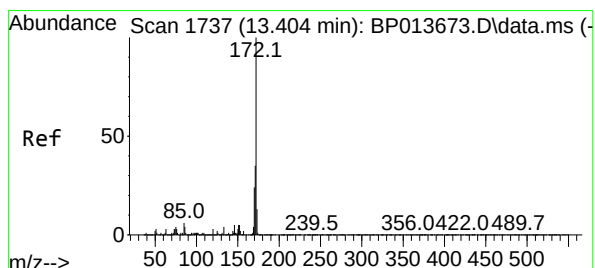
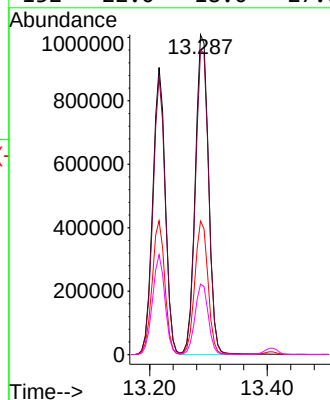
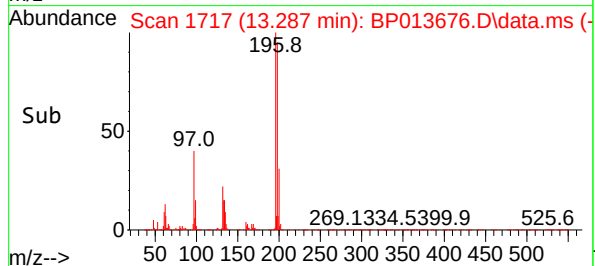
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:196 Resp: 1579009
Ion Ratio Lower Upper
196 100
198 95.2 78.2 117.2
97 41.7 33.2 49.8
132 22.0 18.0 27.0

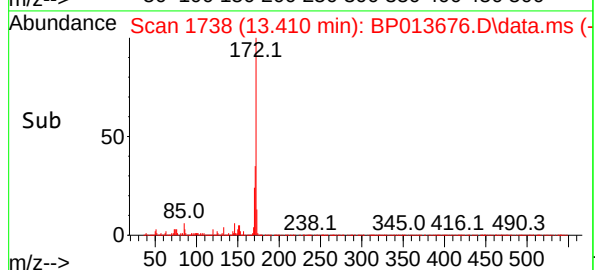
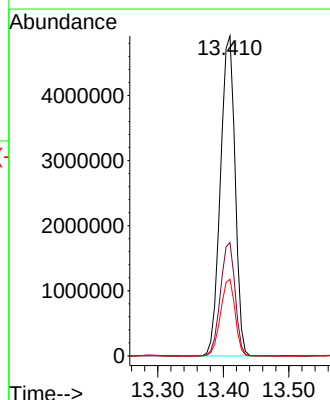
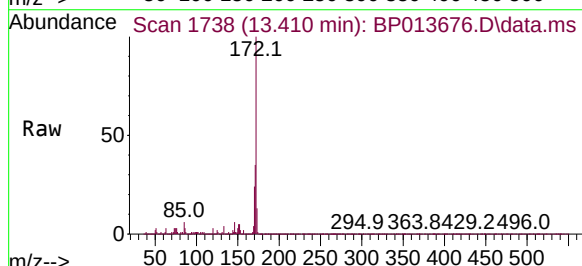
Manual Integrations
APPROVED

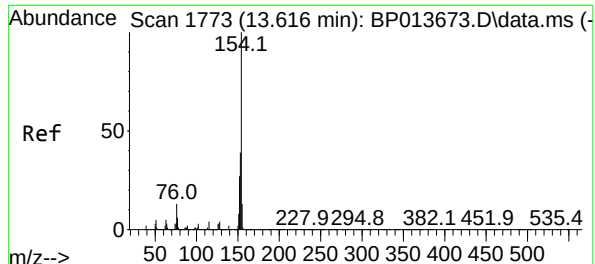
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#45
2-Fluorobiphenyl
Concen: 147.338 ng
RT: 13.410 min Scan# 1738
Delta R.T. 0.006 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

Tgt Ion:172 Resp: 7654440
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.9 19.0 28.4





#46

1,1'-Biphenyl

Concen: 75.563 ng

RT: 13.616 min Scan# 1773

Delta R.T. -0.000 min

Lab File: BP013676.D

Acq: 31 Jan 2023 15:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:154 Resp: 4156782

Ion Ratio Lower Upper

154 100

153 40.5 19.3 59.3

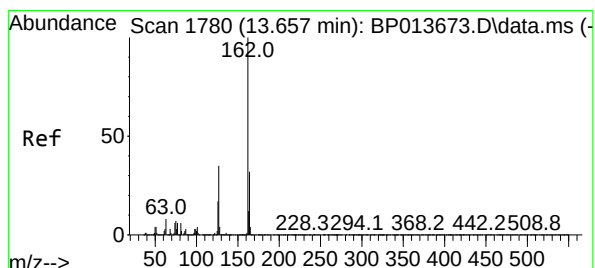
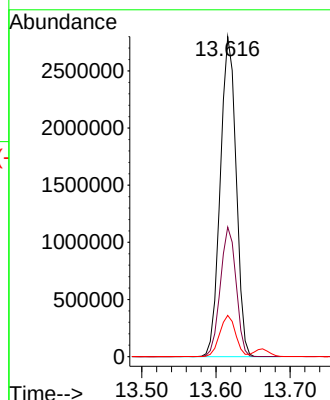
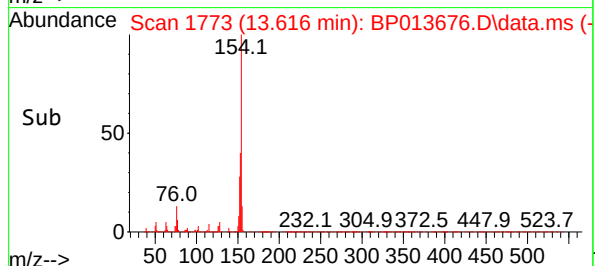
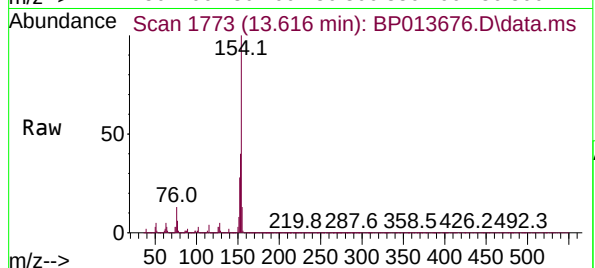
76 12.9 0.0 33.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#47

2-Chloronaphthalene

Concen: 76.280 ng

RT: 13.663 min Scan# 1781

Delta R.T. 0.006 min

Lab File: BP013676.D

Acq: 31 Jan 2023 15:56

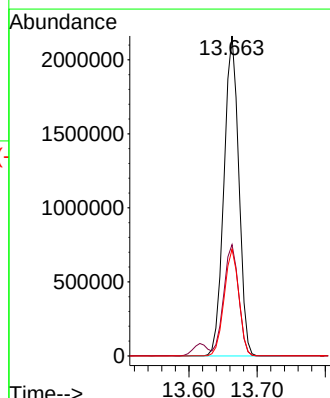
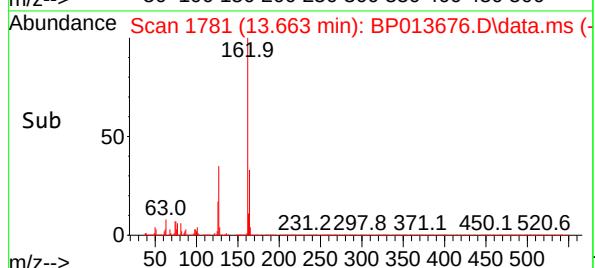
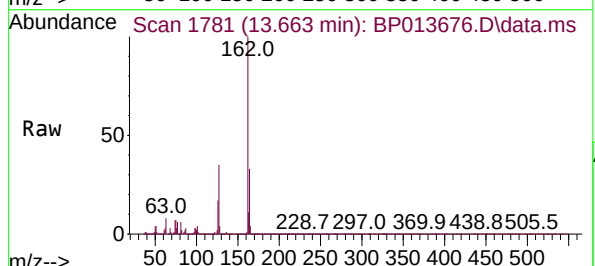
Tgt Ion:162 Resp: 3243548

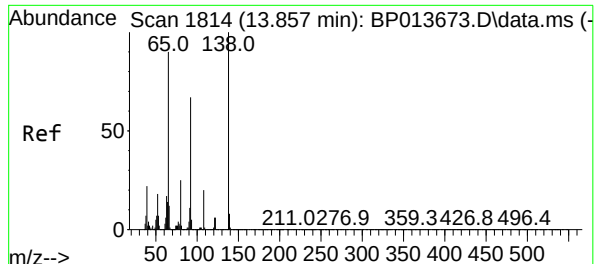
Ion Ratio Lower Upper

162 100

127 34.8 28.3 42.5

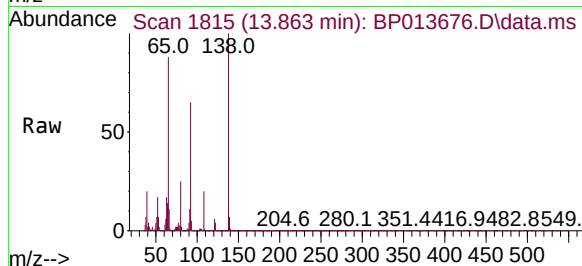
164 33.3 25.9 38.9





#48
2-Nitroaniline
Concen: 98.874 ng
RT: 13.863 min Scan# 1814
Delta R.T. 0.006 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

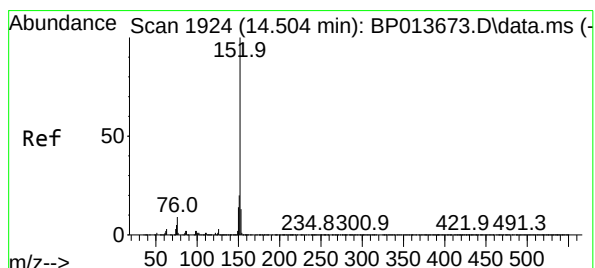
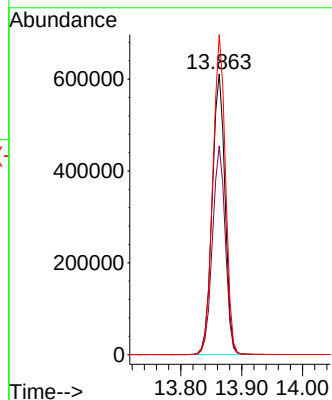
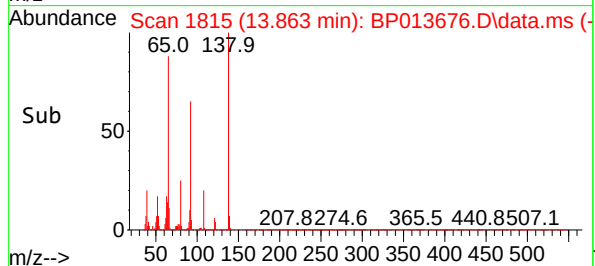
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 65 Resp: 89837
Ion Ratio Lower Upper
65 100
92 74.3 59.4 89.0
138 114.0 88.6 133.0

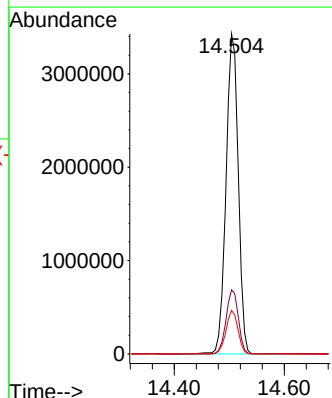
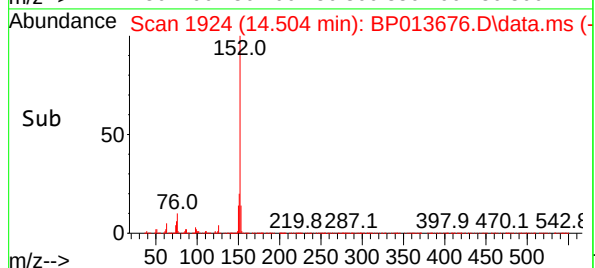
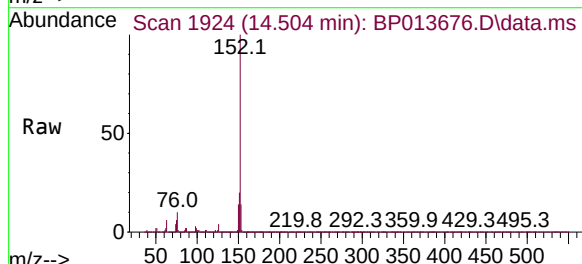
Manual Integrations
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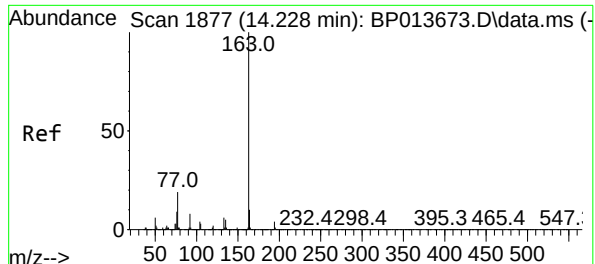
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#49
Acenaphthylene
Concen: 76.963 ng
RT: 14.504 min Scan# 1924
Delta R.T. -0.000 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

Tgt Ion:152 Resp: 5277528
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.6
153 13.6 10.4 15.6





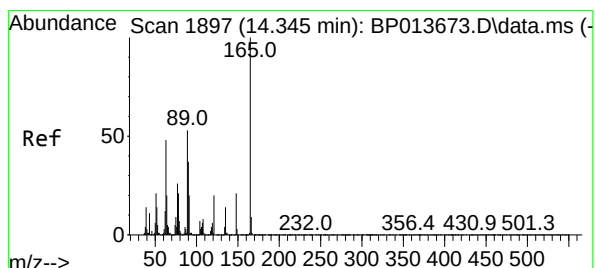
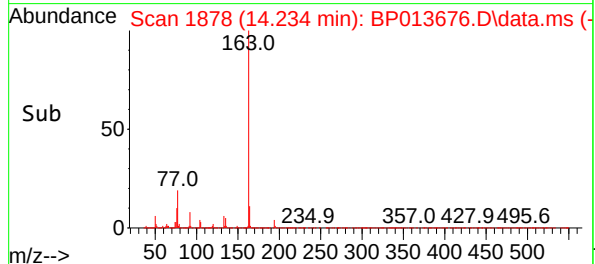
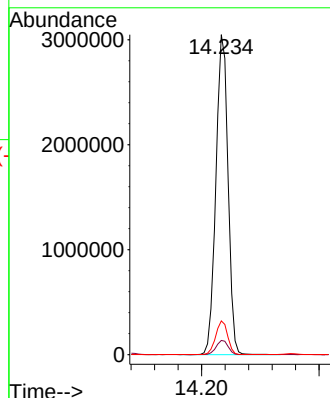
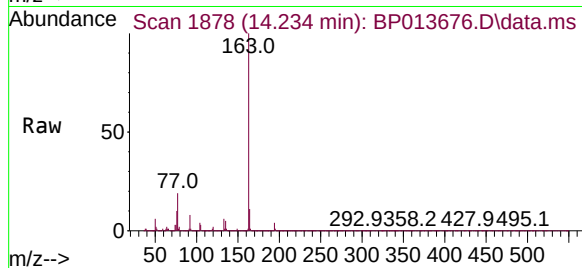
#50
Dimethylphthalate
Concen: 77.388 ng
RT: 14.234 min Scan# 1877
Delta R.T. 0.006 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:163 Resp: 4351297
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 10.5 8.4 12.6

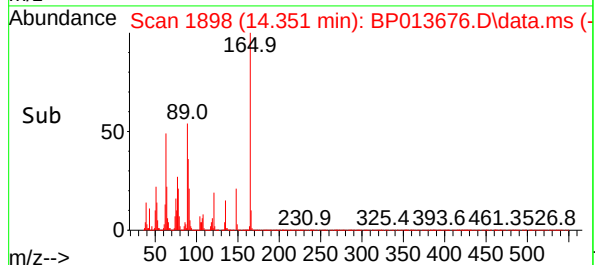
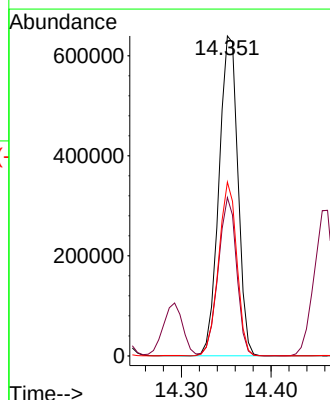
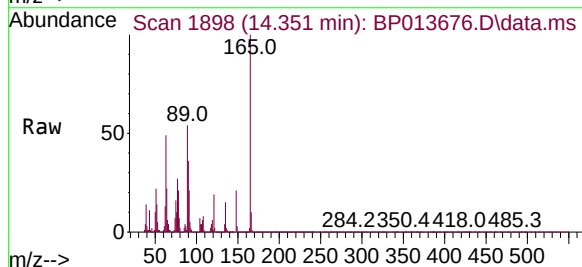
Manual Integrations
APPROVED

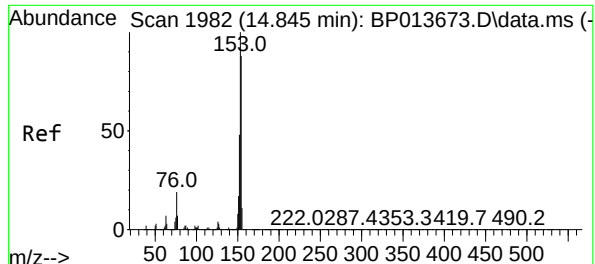
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#51
2,6-Dinitrotoluene
Concen: 93.932 ng
RT: 14.351 min Scan# 1898
Delta R.T. 0.006 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

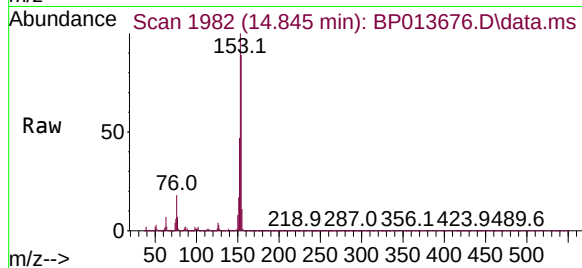
Tgt Ion:165 Resp: 943951
Ion Ratio Lower Upper
165 100
63 49.5 39.8 59.6
89 54.3 42.4 63.6





#52
Acenaphthene
Concen: 80.281 ng m
RT: 14.845 min Scan# 1982
Delta R.T. -0.000 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

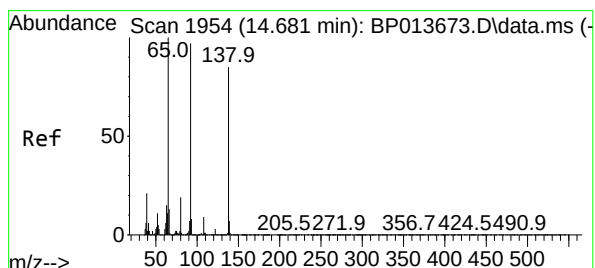
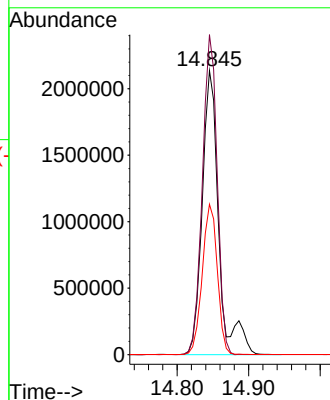
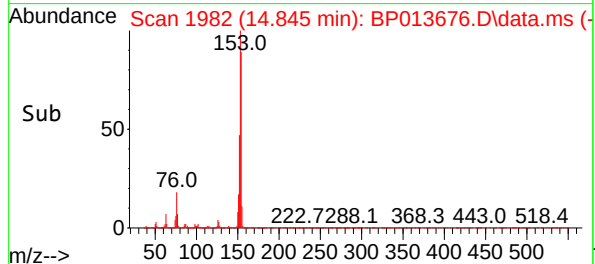
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:154 Resp: 343373
Ion Ratio Lower Upper
154 100
153 112.7 90.6 135.8
152 52.9 43.4 65.0

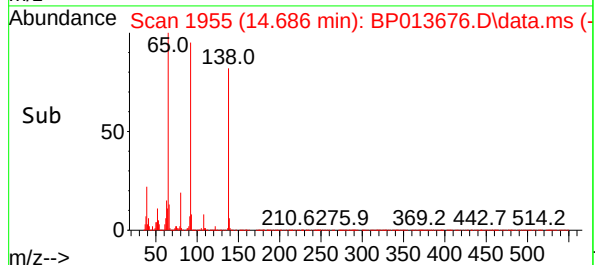
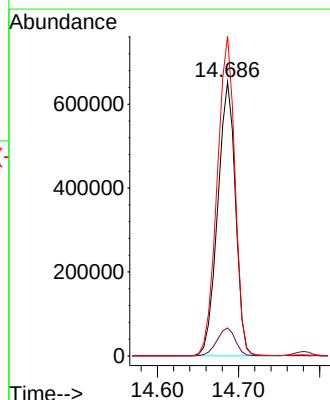
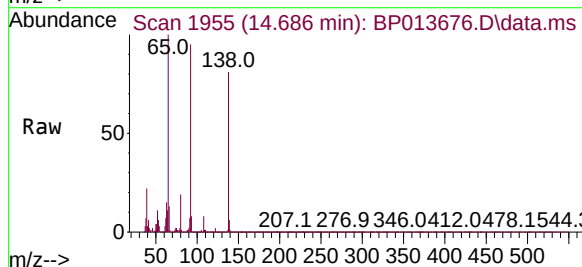
Manual Integrations
APPROVED

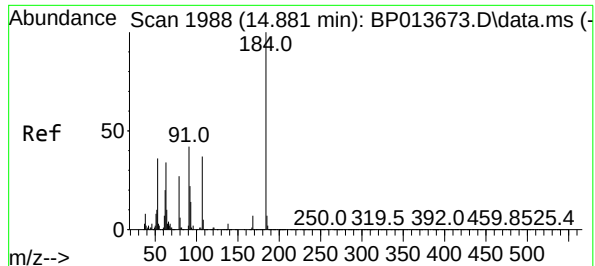
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#53
3-Nitroaniline
Concen: 90.296 ng
RT: 14.686 min Scan# 1955
Delta R.T. 0.005 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

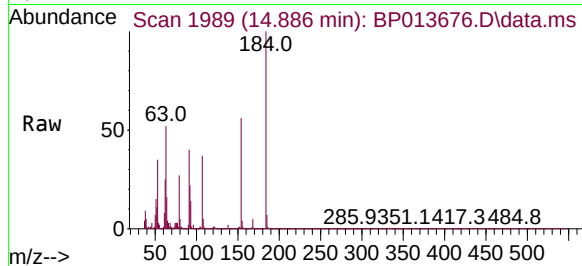
Tgt Ion:138 Resp: 989602
Ion Ratio Lower Upper
138 100
108 10.2 8.5 12.7
92 116.8 91.5 137.3





#54
2,4-Dinitrophenol
Concen: 99.955 ng
RT: 14.886 min Scan# 1988
Delta R.T. 0.005 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

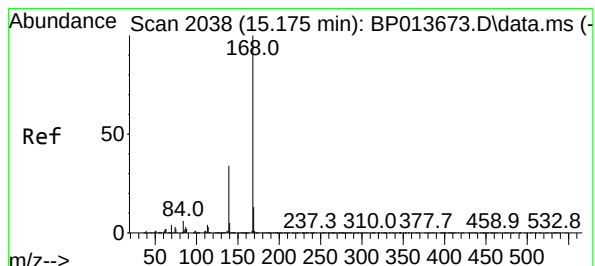
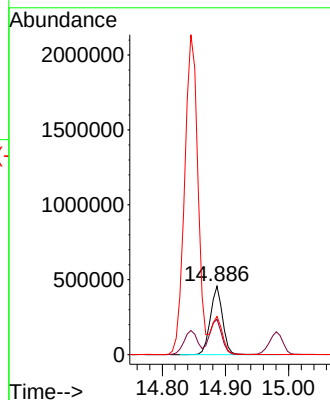
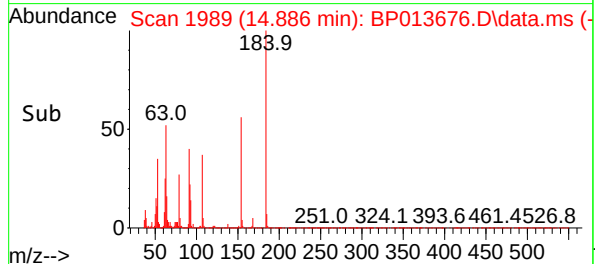
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



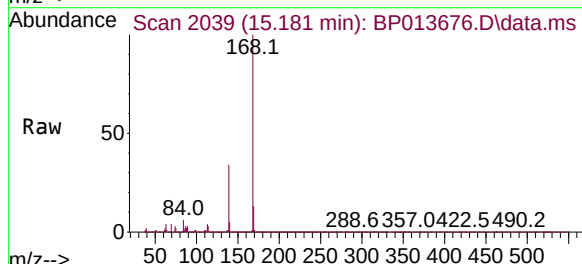
Tgt Ion:184 Resp: 611345
Ion Ratio Lower Upper
184 100
63 51.7 41.4 62.0
154 55.9 44.3 66.5

Manual Integrations
APPROVED

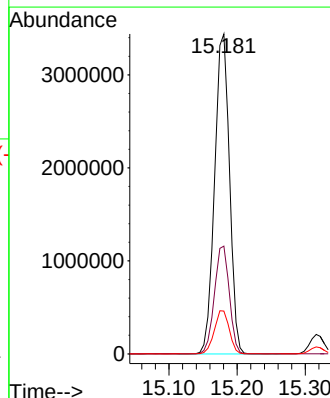
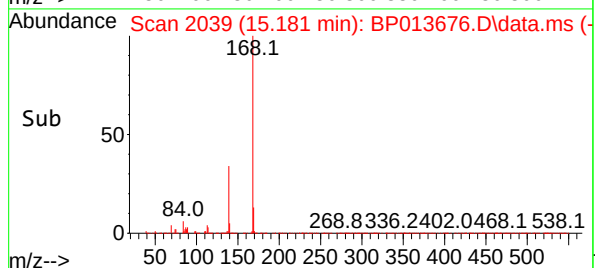
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

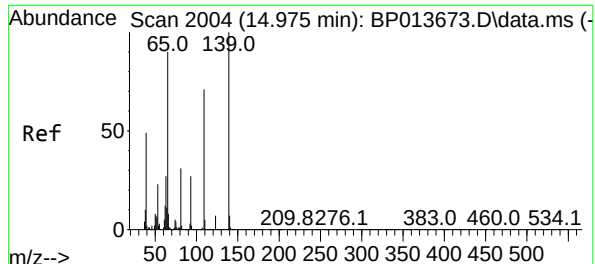


#55
Dibenzofuran
Concen: 75.293 ng
RT: 15.181 min Scan# 2039
Delta R.T. 0.006 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56



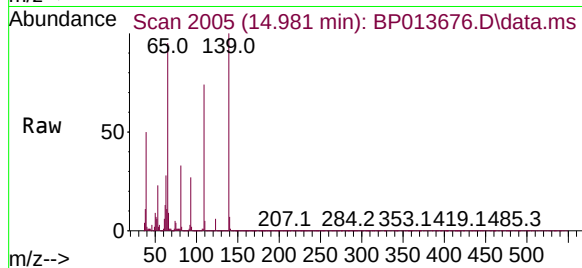
Tgt Ion:168 Resp: 5202038
Ion Ratio Lower Upper
168 100
139 33.7 27.4 41.2
169 13.4 10.7 16.1





#56
4-Nitrophenol
Concen: 85.383 ng
RT: 14.981 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

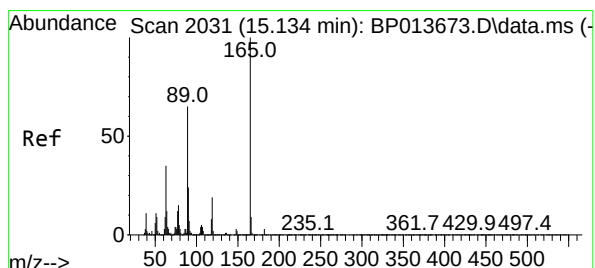
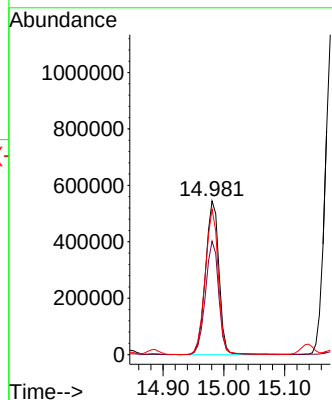
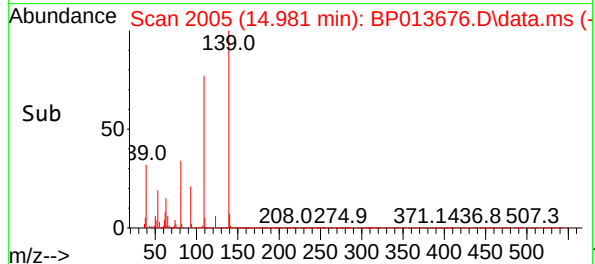
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:139 Resp: 832374
Ion Ratio Lower Upper
139 100
109 73.8 50.9 90.9
65 94.7 70.0 110.0

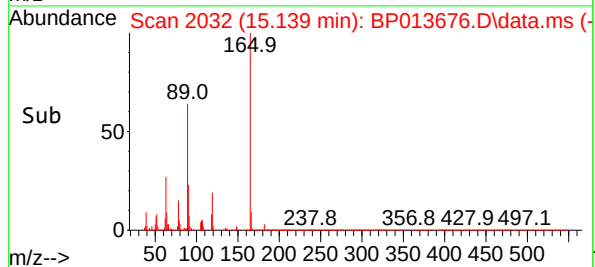
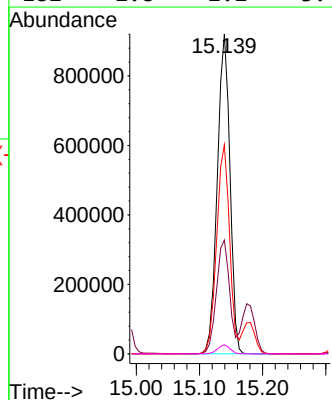
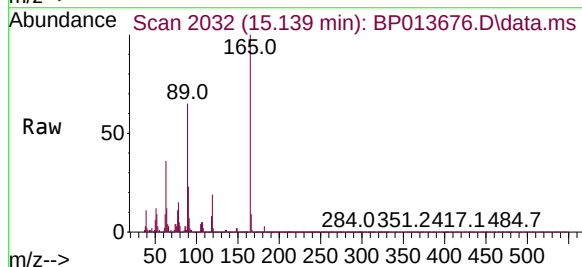
Manual Integrations
APPROVED

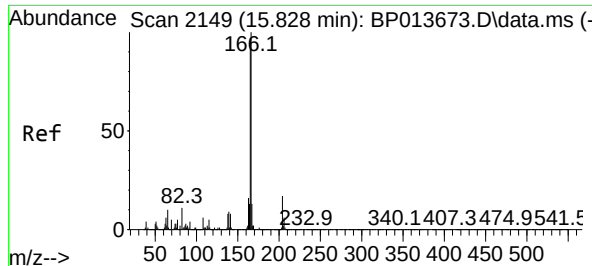
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#57
2,4-Dinitrotoluene
Concen: 97.231 ng
RT: 15.139 min Scan# 2032
Delta R.T. 0.005 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

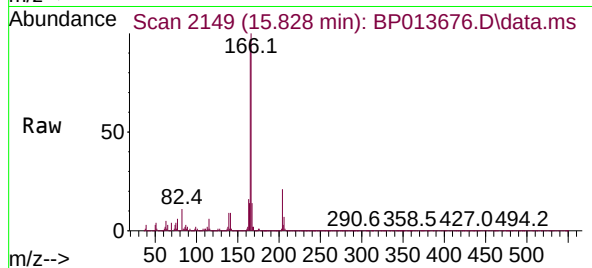
Tgt Ion:165 Resp: 1282272
Ion Ratio Lower Upper
165 100
63 35.6 28.1 42.1
89 65.3 52.0 78.0
182 2.8 2.2 3.4





#58
Fluorene
Concen: 74.212 ng
RT: 15.828 min Scan# 2149
Delta R.T. -0.000 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

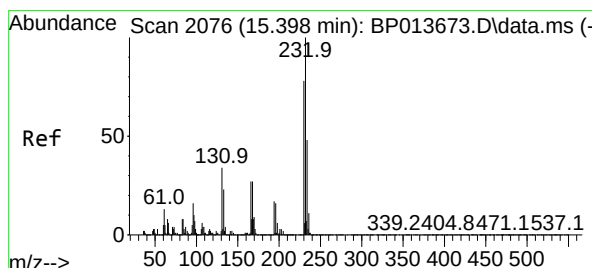
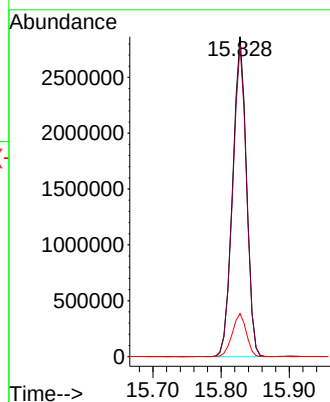
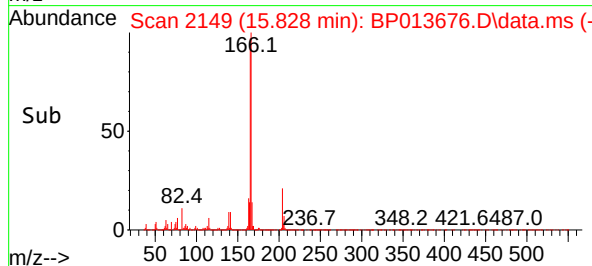
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:166 Resp: 4025550
Ion Ratio Lower Upper
166 100
165 97.2 77.6 116.4
167 13.5 10.6 15.8

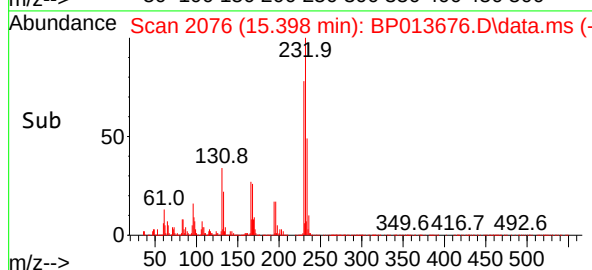
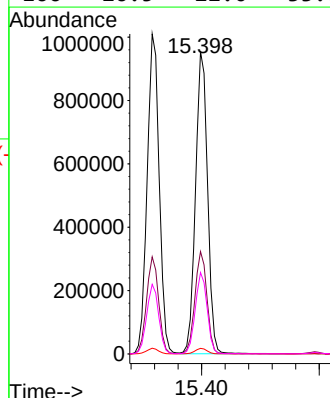
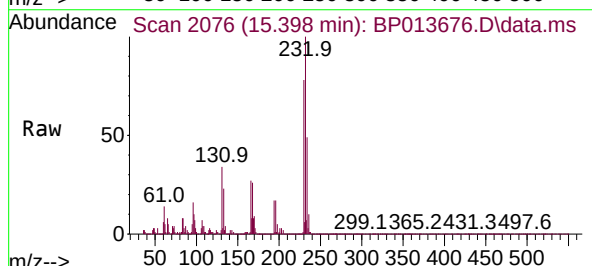
Manual Integrations
APPROVED

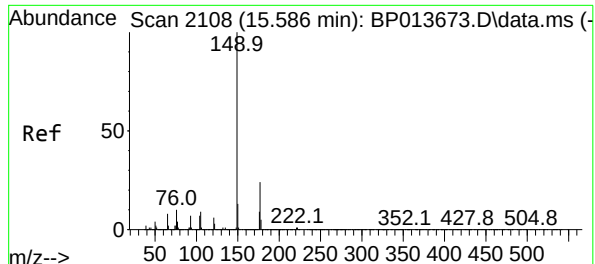
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#59
2,3,4,6-Tetrachlorophenol
Concen: 81.322 ng
RT: 15.398 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

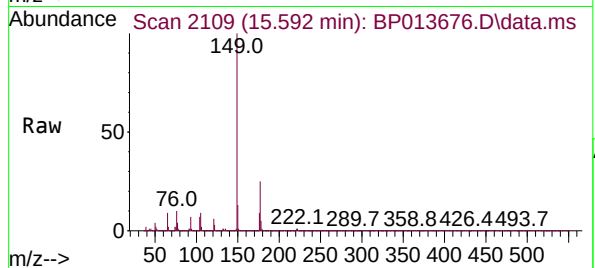
Tgt Ion:232 Resp: 1353061
Ion Ratio Lower Upper
232 100
131 33.8 27.9 41.9
130 1.8 1.4 2.0
166 26.5 22.0 33.0





#60
Diethylphthalate
Concen: 76.873 ng
RT: 15.592 min Scan# 2109
Delta R.T. 0.006 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

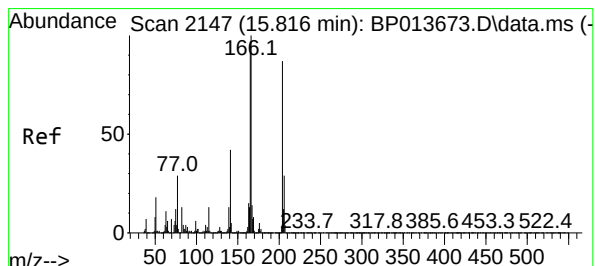
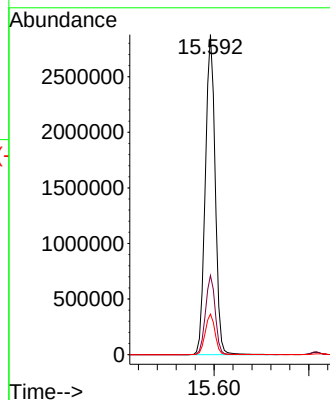
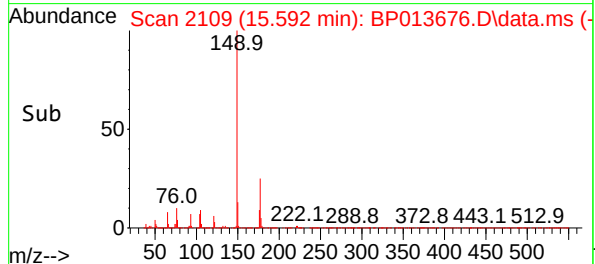
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 4143690
Ion Ratio Lower Upper
149 100
177 24.7 19.2 28.8
150 12.7 10.1 15.1

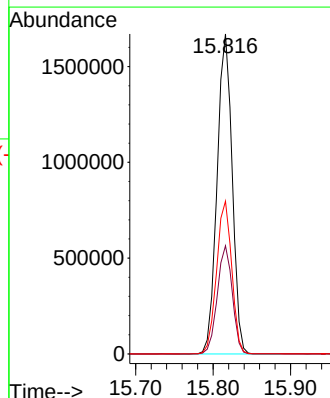
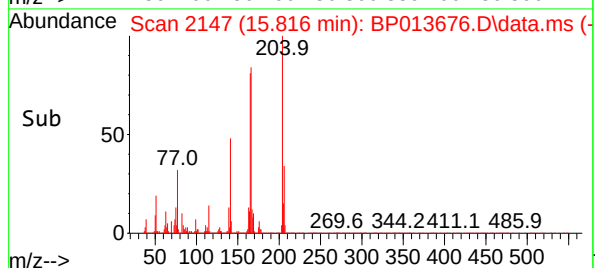
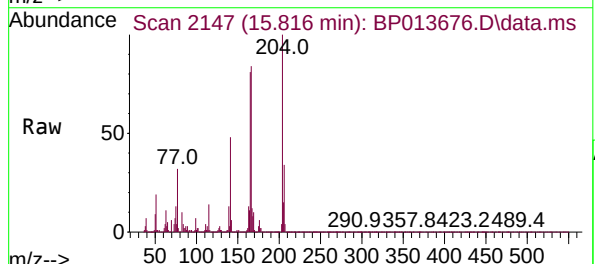
Manual Integrations
APPROVED

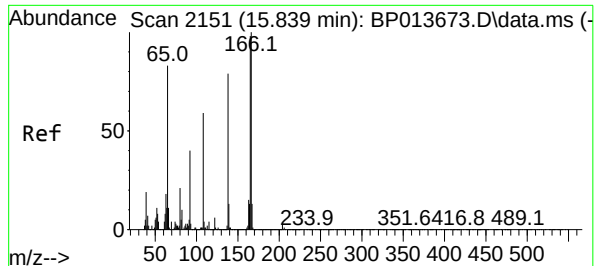
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#61
4-Chlorophenyl-phenylether
Concen: 76.359 ng
RT: 15.816 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

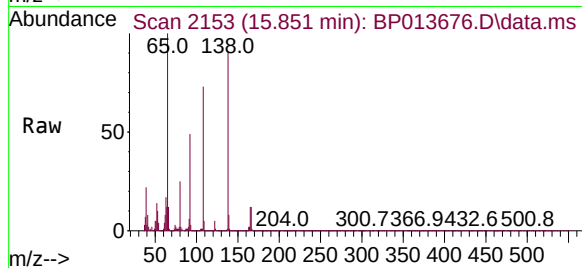
Tgt Ion:204 Resp: 2255594
Ion Ratio Lower Upper
204 100
206 33.8 26.6 40.0
141 47.7 38.1 57.1





#62
4-Nitroaniline
Concen: 91.876 ng
RT: 15.851 min Scan# 2153
Delta R.T. 0.012 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

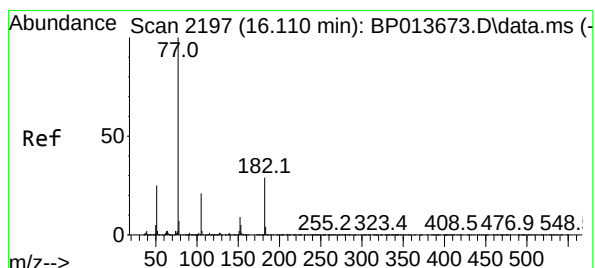
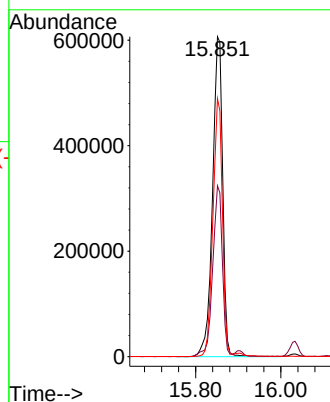
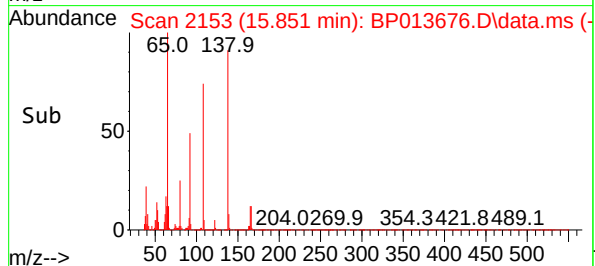
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



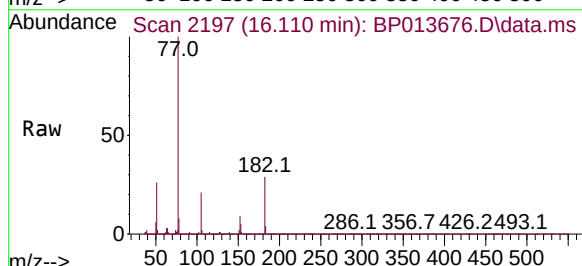
Tgt Ion:138 Resp: 999962
Ion Ratio Lower Upper
138 100
92 53.4 30.3 70.3
108 80.6 55.4 95.4

Manual Integrations
APPROVED

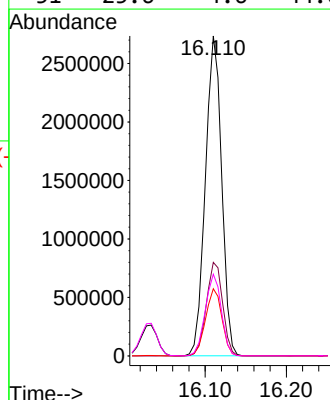
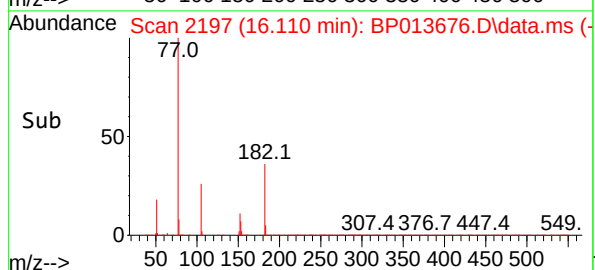
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

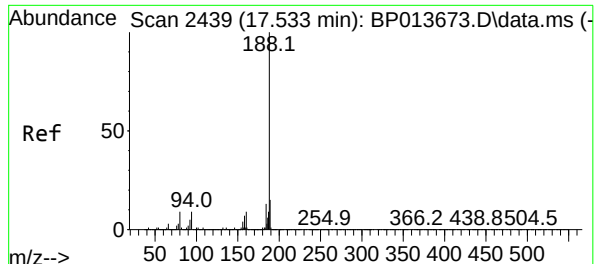


#63
Azobenzene
Concen: 76.566 ng
RT: 16.110 min Scan# 2197
Delta R.T. -0.000 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56



Tgt Ion: 77 Resp: 3812417
Ion Ratio Lower Upper
77 100
182 29.2 9.3 49.3
105 21.0 1.1 41.1
51 25.6 4.6 44.6





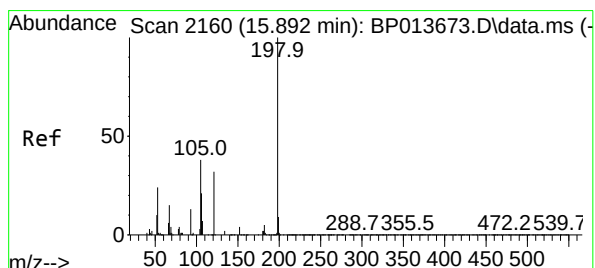
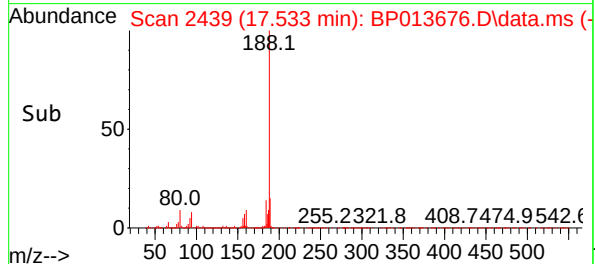
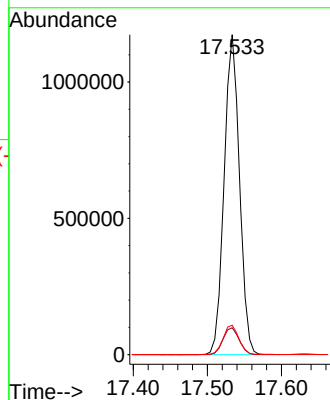
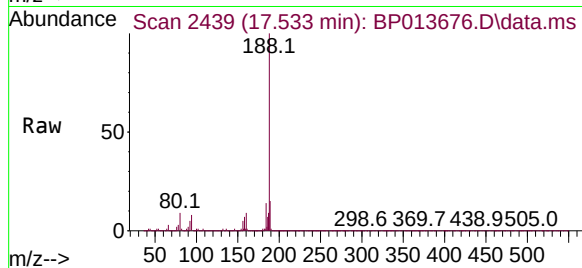
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.533 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:188 Resp: 1683272
Ion Ratio Lower Upper
188 100
94 8.4 6.9 10.3
80 9.2 7.4 11.0

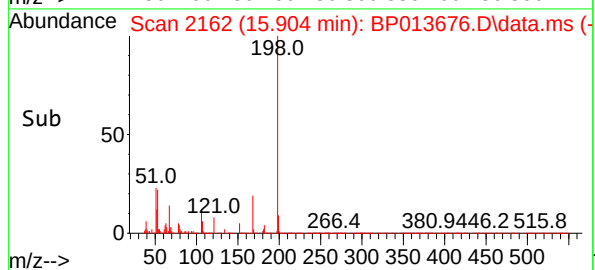
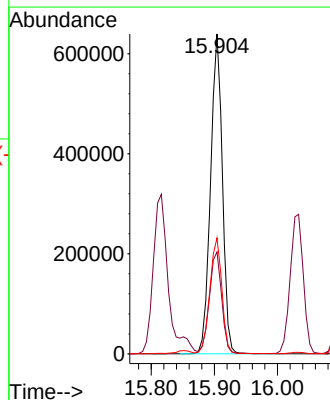
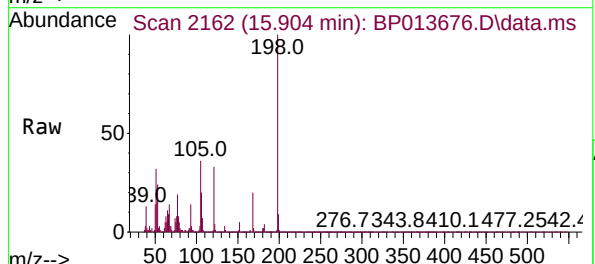
Manual Integrations
APPROVED

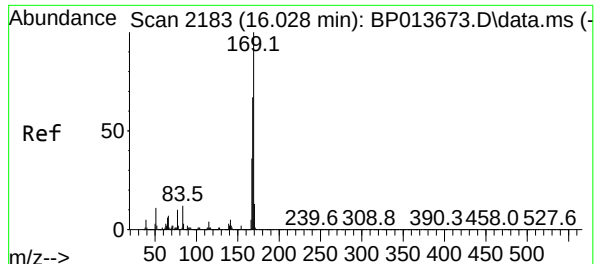
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#65
4,6-Dinitro-2-methylphenol
Concen: 94.885 ng
RT: 15.904 min Scan# 2162
Delta R.T. 0.012 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

Tgt Ion:198 Resp: 832391
Ion Ratio Lower Upper
198 100
51 31.9 15.4 55.4
105 36.2 18.3 58.3





#66
n-Nitrosodiphenylamine
Concen: 74.632 ng
RT: 16.033 min Scan# 2183
Delta R.T. 0.006 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

Instrument :

BNA_P

ClientSampleId :

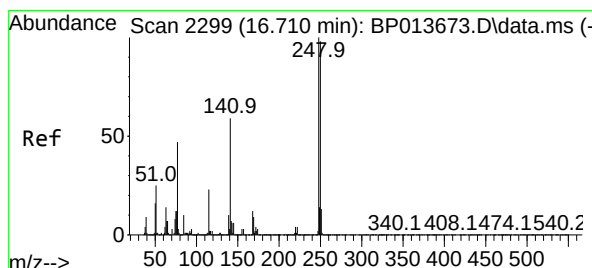
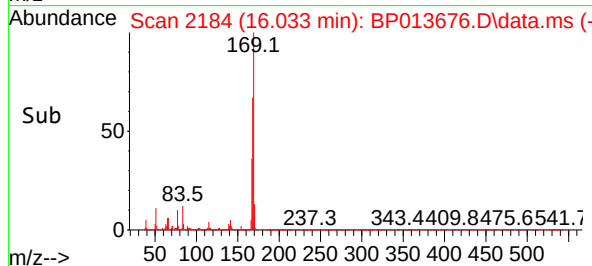
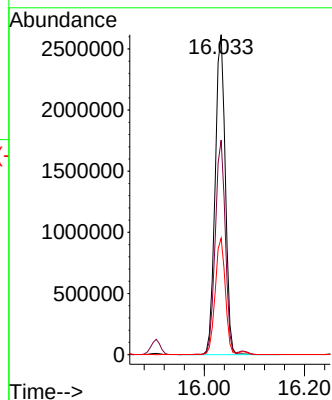
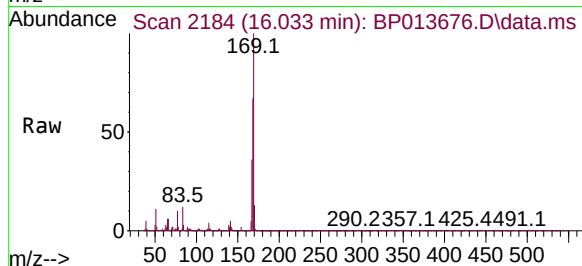
SSTDICC080

Tgt Ion:169 Resp: 3655262
Ion Ratio Lower Upper
169 100
168 67.0 53.8 80.6
167 36.4 28.9 43.3

Manual Integrations

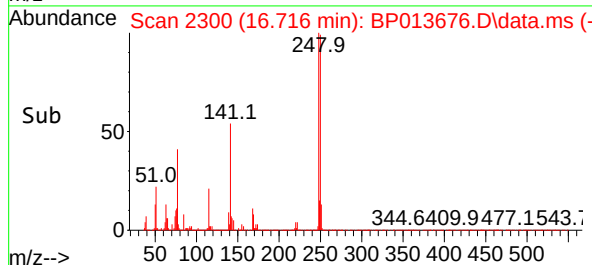
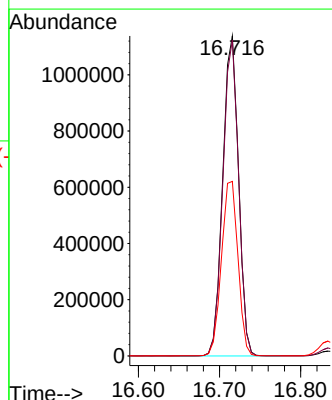
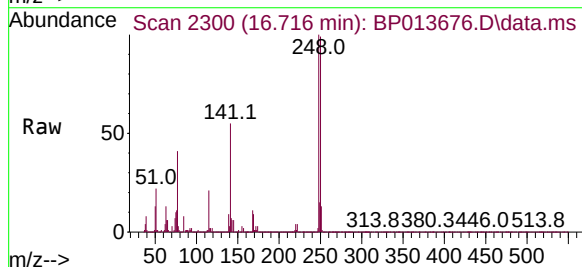
APPROVED

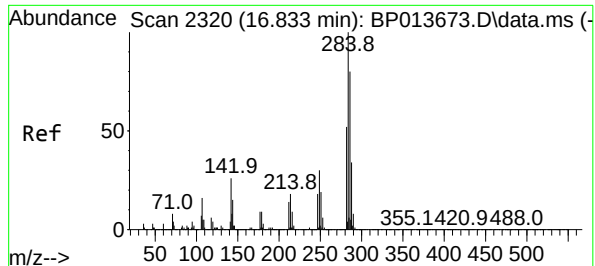
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#67
4-Bromophenyl-phenylether
Concen: 79.631 ng
RT: 16.716 min Scan# 2300
Delta R.T. 0.006 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

Tgt Ion:248 Resp: 1536530
Ion Ratio Lower Upper
248 100
250 98.7 78.2 117.2
141 54.6 46.8 70.2





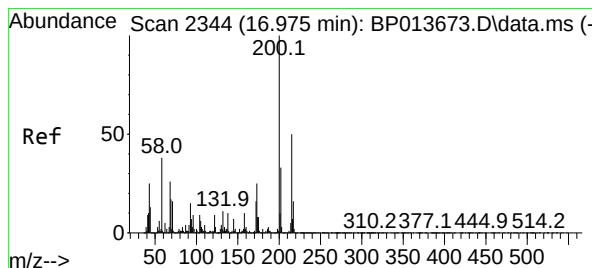
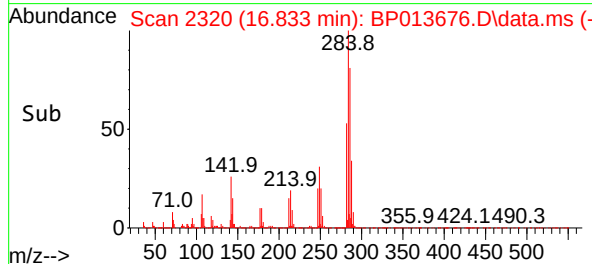
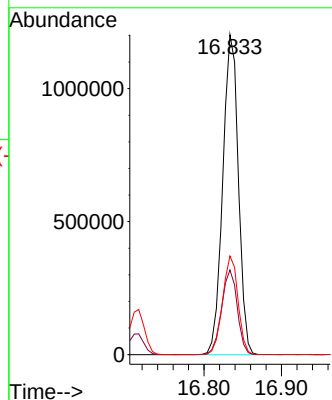
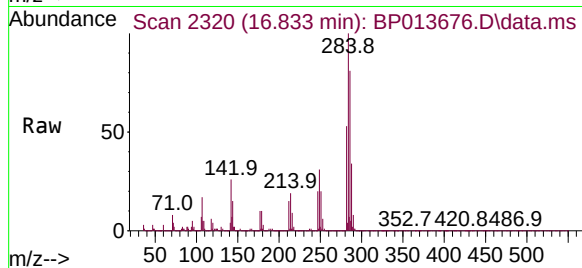
#68
Hexachlorobenzene
Concen: 78.914 ng
RT: 16.833 min Scan# 2320
Delta R.T. 0.000 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:284 Resp: 1686140
Ion Ratio Lower Upper
284 100
142 26.4 20.6 31.0
249 30.8 23.9 35.9

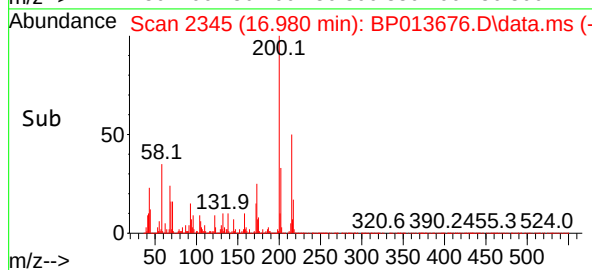
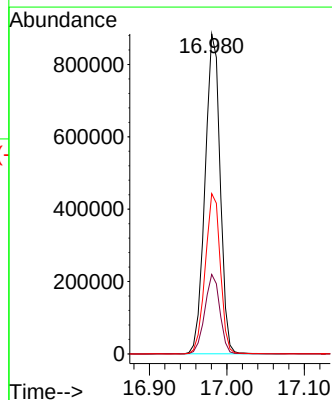
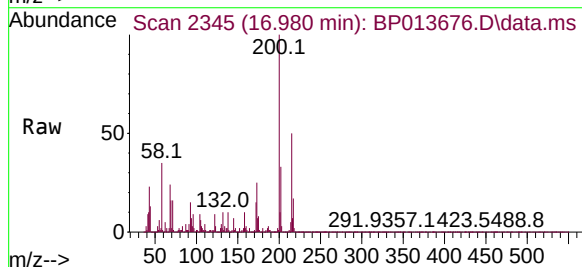
Manual Integrations
APPROVED

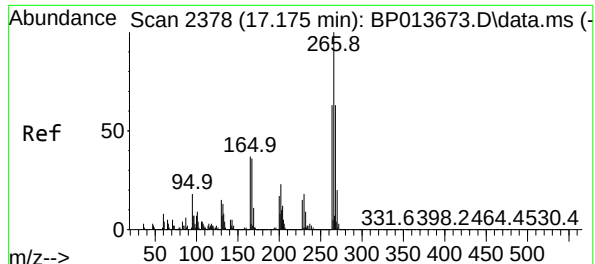
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#69
Atrazine
Concen: 75.090 ng
RT: 16.980 min Scan# 2345
Delta R.T. 0.006 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

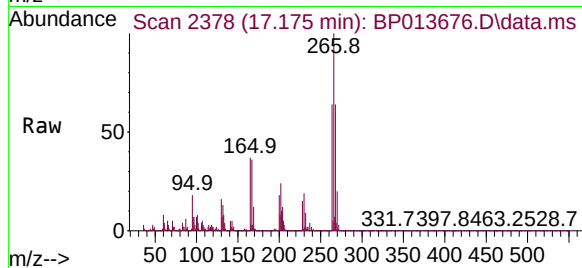
Tgt Ion:200 Resp: 1196714
Ion Ratio Lower Upper
200 100
173 24.8 5.2 45.2
215 50.1 29.8 69.8





#70
Pentachlorophenol
Concen: 84.597 ng
RT: 17.175 min Scan# 2378
Delta R.T. -0.000 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

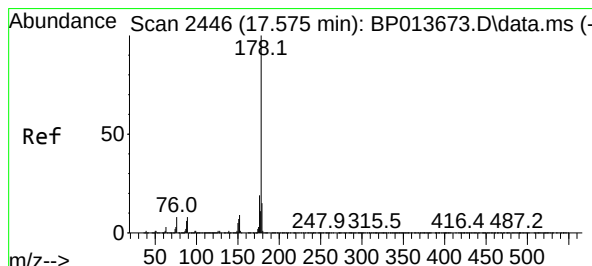
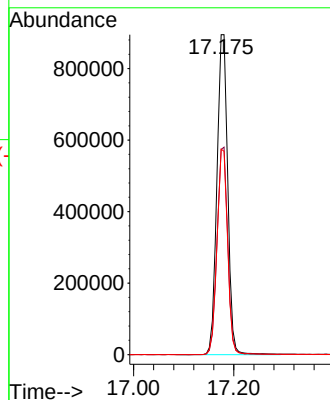
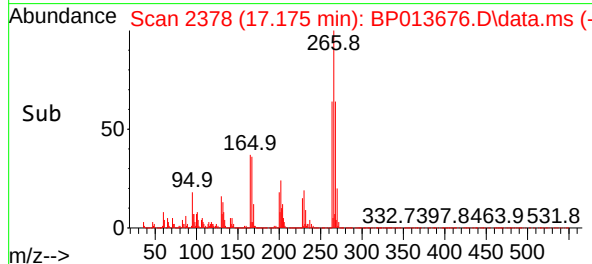
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:266 Resp: 1333345
Ion Ratio Lower Upper
266 100
268 64.1 50.7 76.1
264 64.2 50.5 75.7

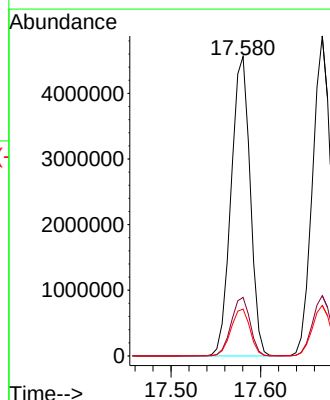
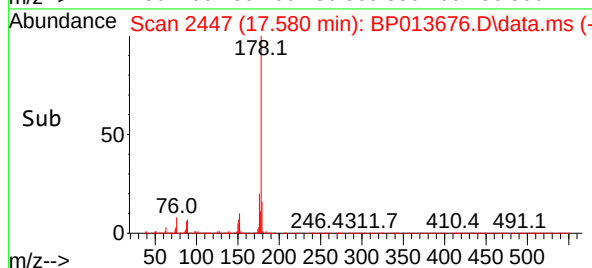
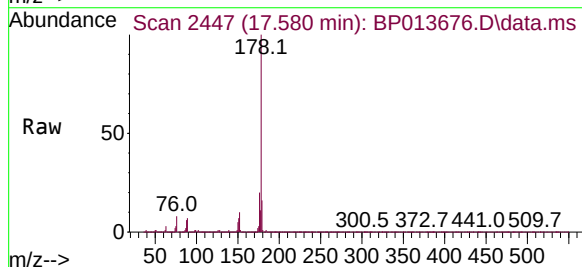
Manual Integrations
APPROVED

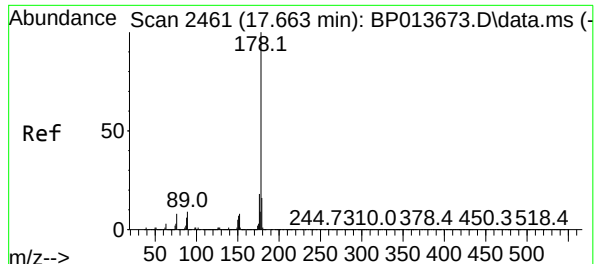
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#71
Phenanthrene
Concen: 74.507 ng
RT: 17.580 min Scan# 2447
Delta R.T. 0.006 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

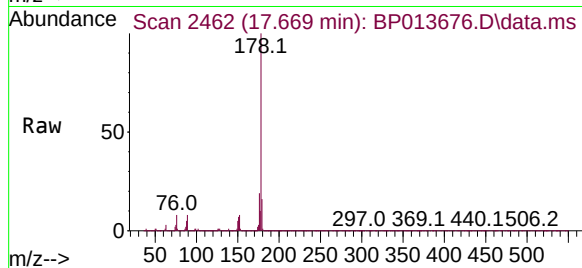
Tgt Ion:178 Resp: 6722307
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.6 12.2 18.2





#72
 Anthracene
 Concen: 75.178 ng
 RT: 17.669 min Scan# 2461
 Delta R.T. 0.006 min
 Lab File: BP013676.D
 Acq: 31 Jan 2023 15:56

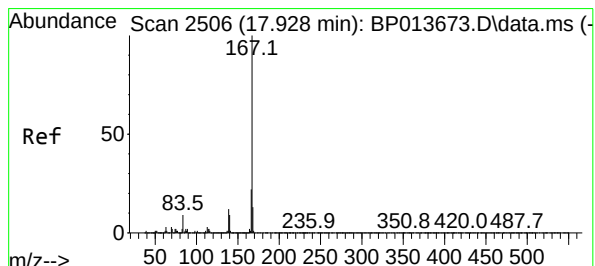
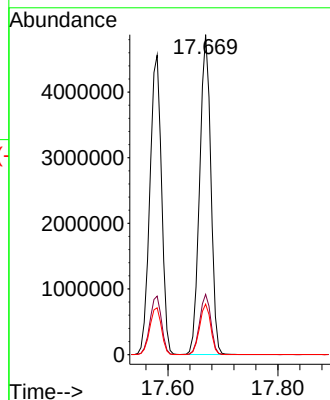
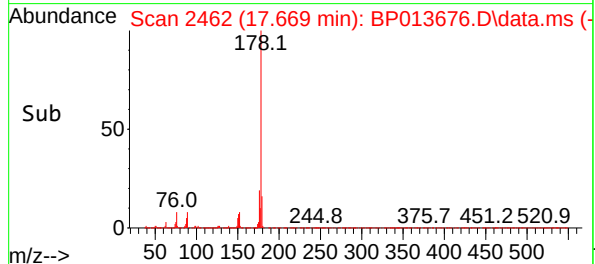
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080



Tgt Ion:178 Resp: 6847662
 Ion Ratio Lower Upper
 178 100
 176 18.8 14.7 22.1
 179 15.8 12.4 18.6

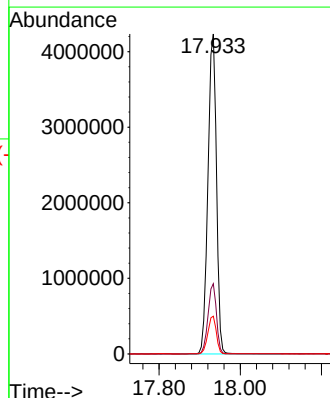
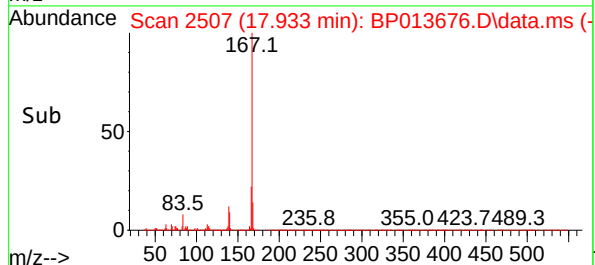
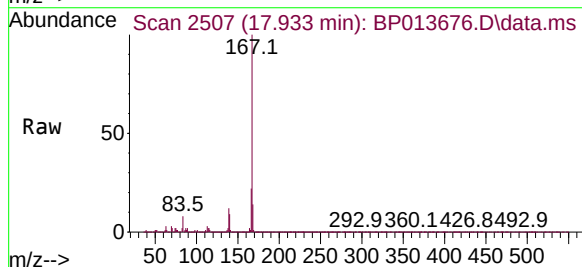
Manual Integrations
 APPROVED

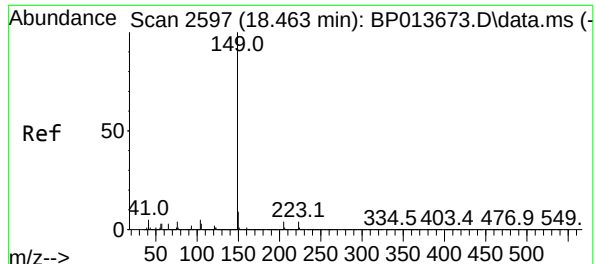
Reviewed By :Christian Giraldo 02/01/2023
 Supervised By :Jagrut Upadhyay 02/01/2023



#73
 Carbazole
 Concen: 74.635 ng
 RT: 17.933 min Scan# 2507
 Delta R.T. 0.006 min
 Lab File: BP013676.D
 Acq: 31 Jan 2023 15:56

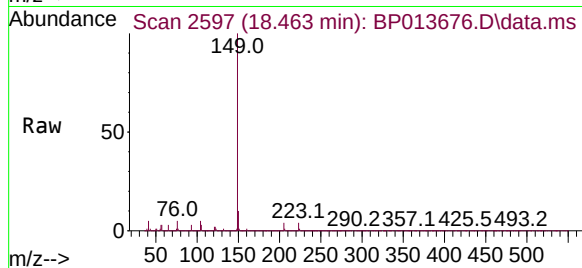
Tgt Ion:167 Resp: 6173023
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 11.8 9.5 14.3





#74
Di-n-butylphthalate
Concen: 77.325 ng
RT: 18.463 min Scan# 2597
Delta R.T. -0.000 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

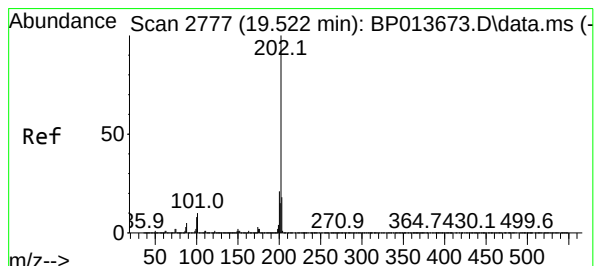
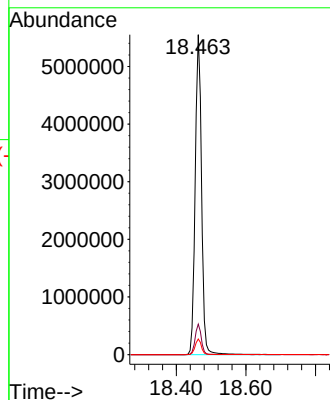
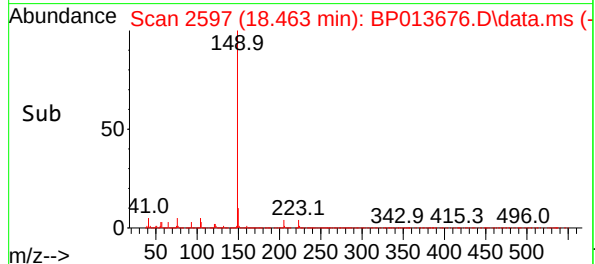
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 6998638
Ion Ratio Lower Upper
149 100
150 9.5 7.4 11.0
104 4.9 3.8 5.6

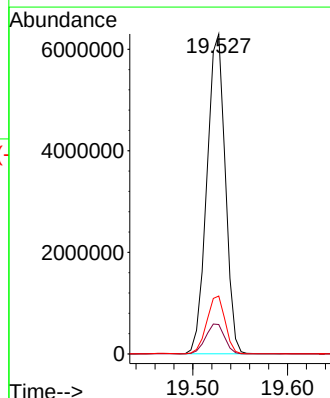
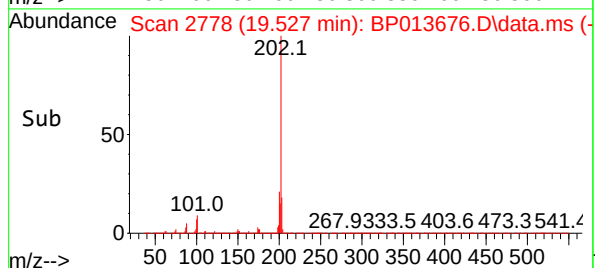
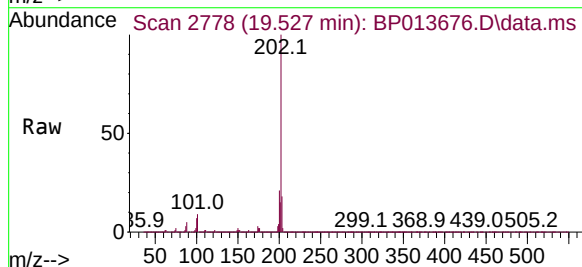
Manual Integrations
APPROVED

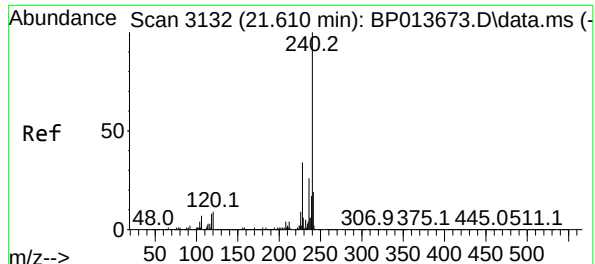
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#75
Fluoranthene
Concen: 75.653 ng
RT: 19.527 min Scan# 2778
Delta R.T. 0.006 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

Tgt Ion:202 Resp: 8497632
Ion Ratio Lower Upper
202 100
101 9.2 0.0 30.2
203 18.1 0.0 37.9





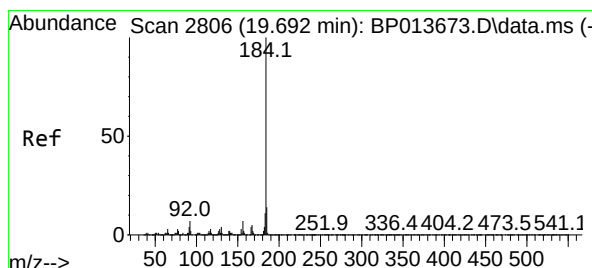
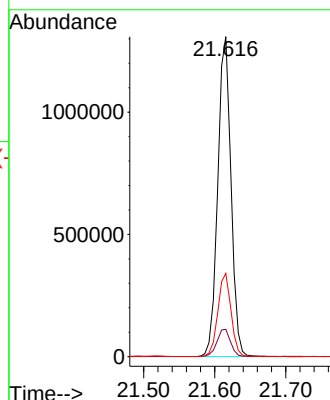
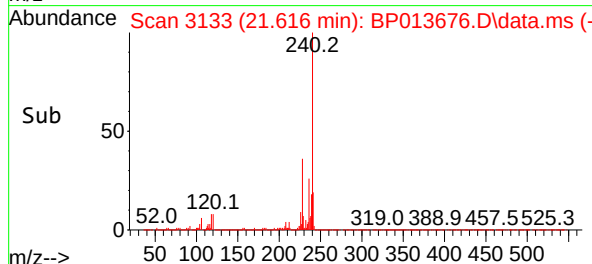
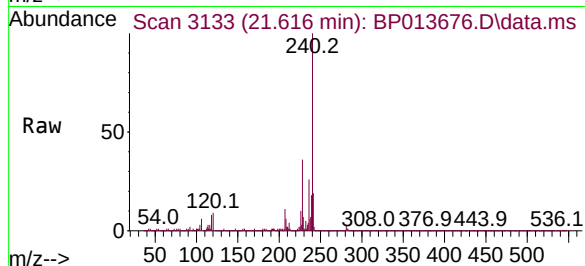
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.616 min Scan# 3132
Delta R.T. 0.006 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

Instrument :
BNA_P
Client Sample Id :
SSTDICC080

Tgt Ion:240 Resp: 1694902
Ion Ratio Lower Upper
240 100
120 8.5 7.4 11.0
236 26.0 20.6 30.8

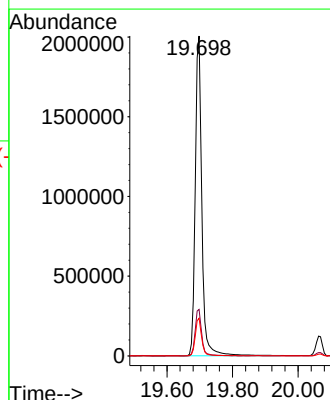
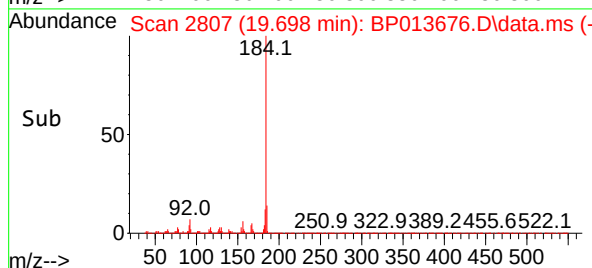
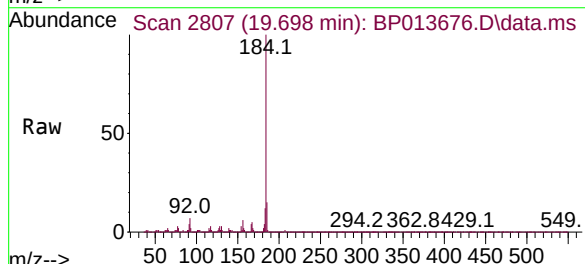
Manual Integrations
APPROVED

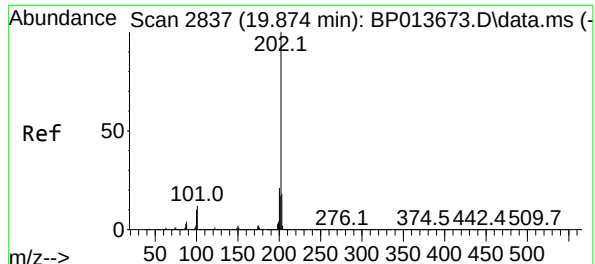
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#77
Benzidine
Concen: 76.778 ng
RT: 19.698 min Scan# 2807
Delta R.T. 0.006 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

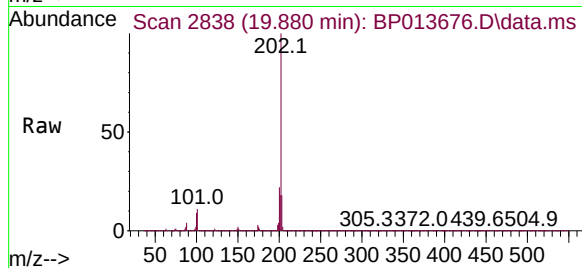
Tgt Ion:184 Resp: 2810789
Ion Ratio Lower Upper
184 100
185 14.5 11.4 17.2
183 11.8 9.2 13.8





#78
Pyrene
Concen: 76.361 ng
RT: 19.880 min Scan# 2838
Delta R.T. 0.006 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

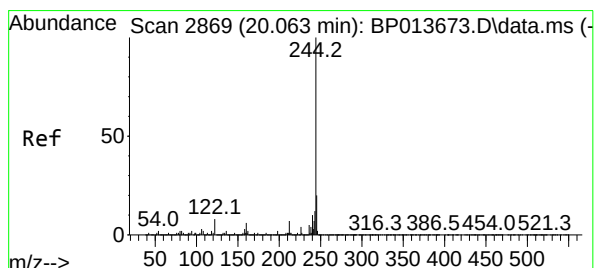
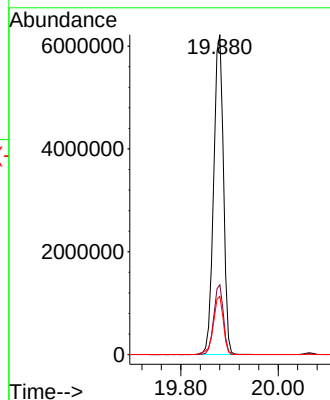
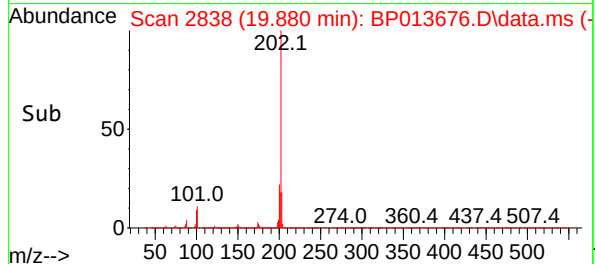
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 202 Resp: 8707429
Ion Ratio Lower Upper
202 100
200 21.8 16.9 25.3
203 18.2 14.0 21.0

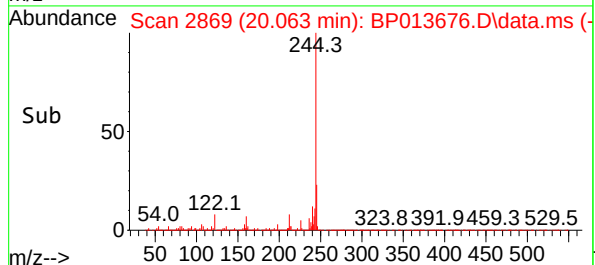
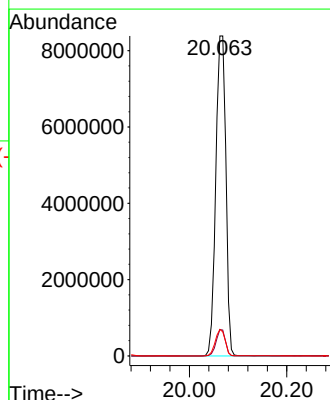
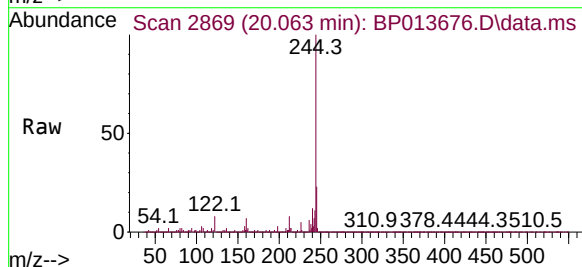
Manual Integrations
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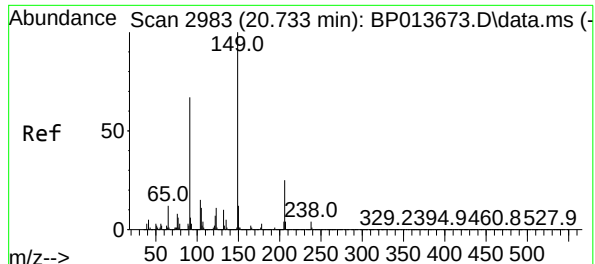
Reviewed By : Christian Giraldo 02/01/2023
Supervised By : Jagrut Upadhyay 02/01/2023



#79
Terphenyl-d14
Concen: 140.945 ng
RT: 20.063 min Scan# 2869
Delta R.T. -0.000 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

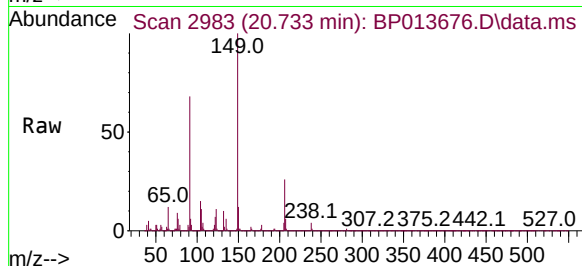
Tgt Ion: 244 Resp: 12030071
Ion Ratio Lower Upper
244 100
212 8.2 5.5 8.3
122 8.3 6.5 9.7





#80
Butylbenzylphthalate
Concen: 87.739 ng
RT: 20.733 min Scan# 2983
Delta R.T. -0.000 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

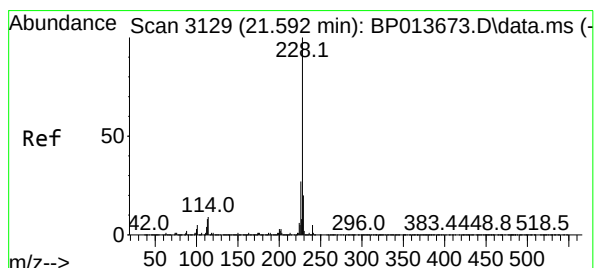
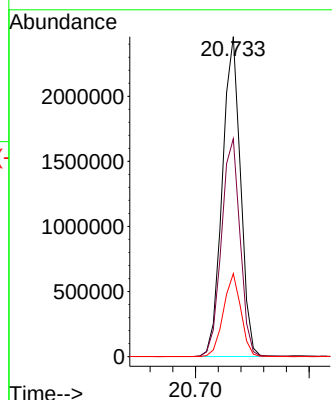
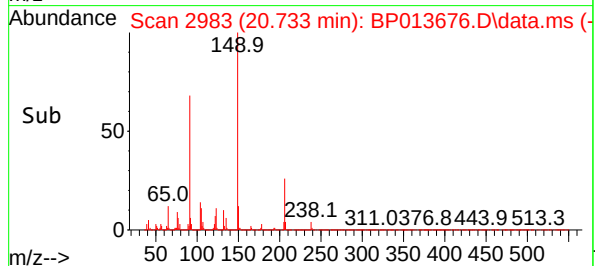
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 2731280
Ion Ratio Lower Upper
149 100
91 68.1 54.0 81.0
206 25.9 19.8 29.8

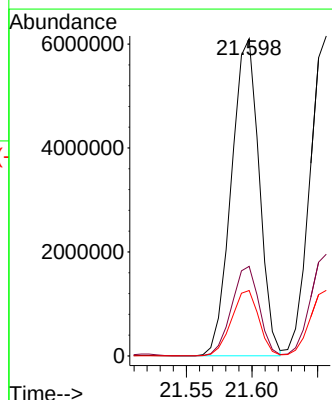
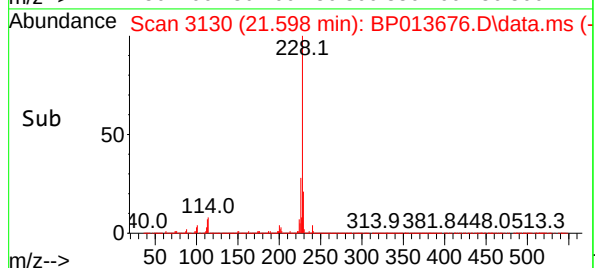
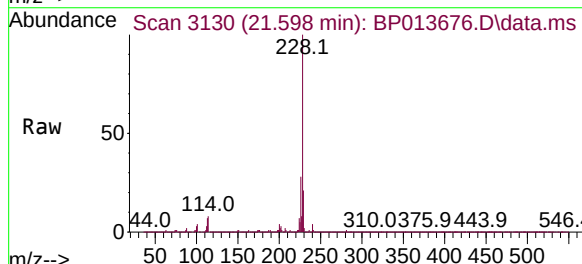
Manual Integrations
APPROVED

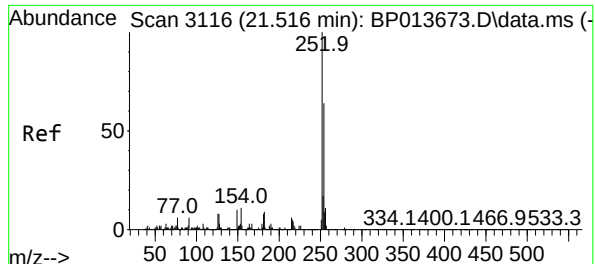
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#81
Benzo(a)anthracene
Concen: 76.379 ng
RT: 21.598 min Scan# 3130
Delta R.T. 0.006 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

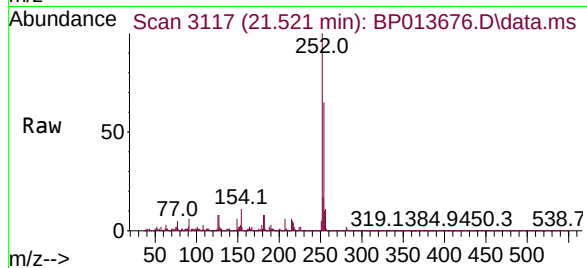
Tgt Ion:228 Resp: 8991728
Ion Ratio Lower Upper
228 100
226 28.2 21.9 32.9
229 20.6 16.0 24.0





#82
3,3'-Dichlorobenzidine
Concen: 80.701 ng
RT: 21.521 min Scan# 3116
Delta R.T. 0.006 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

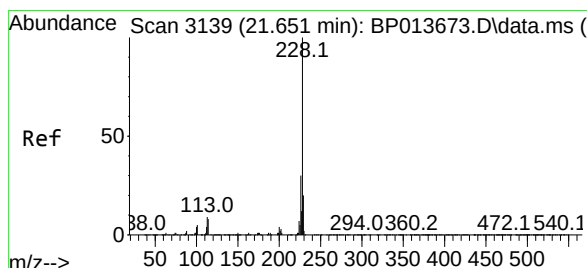
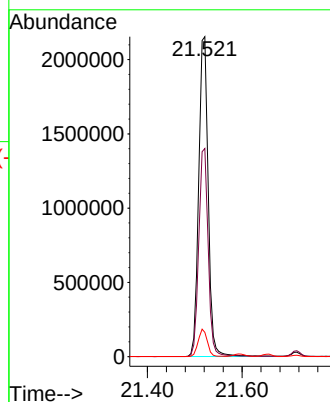
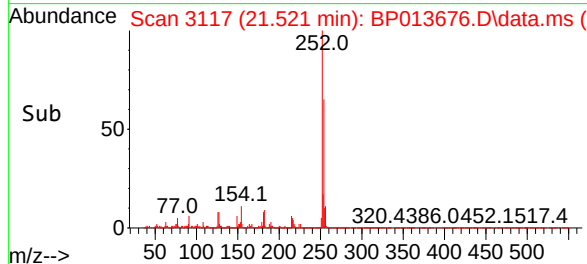
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 252 Resp: 3003674
Ion Ratio Lower Upper
252 100
254 65.1 50.9 76.3
126 7.6 6.7 10.1

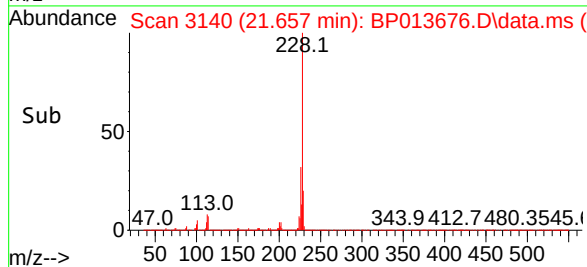
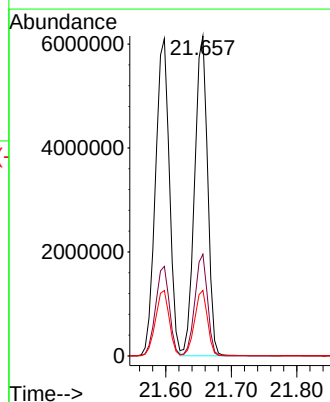
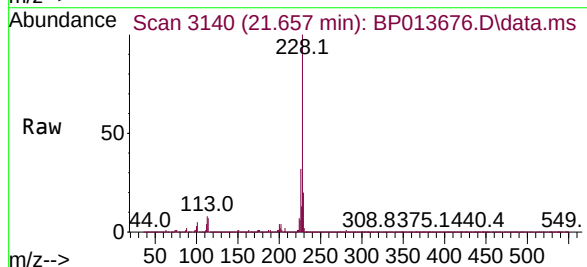
Manual Integrations
APPROVED

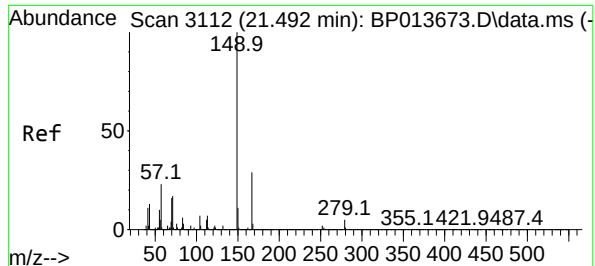
Reviewed By : Christian Giraldo 02/01/2023
Supervised By : Jagrut Upadhyay 02/01/2023



#83
Chrysene
Concen: 75.362 ng
RT: 21.657 min Scan# 3140
Delta R.T. 0.006 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

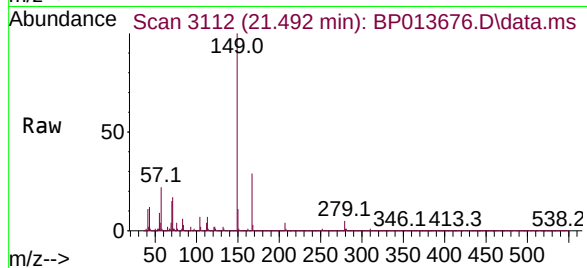
Tgt Ion: 228 Resp: 8452800
Ion Ratio Lower Upper
228 100
226 31.8 24.1 36.1
229 20.5 15.8 23.8





#84
Bis(2-ethylhexyl)phthalate
Concen: 82.821 ng
RT: 21.492 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

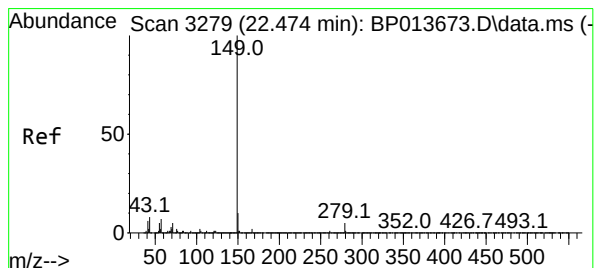
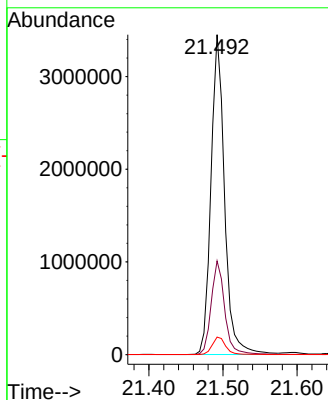
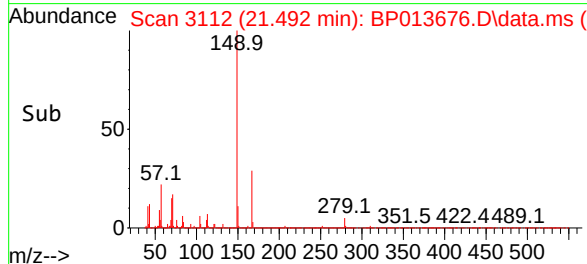
Instrument :
BNA_P
Client Sample Id :
SSTDICC080



Tgt Ion:149 Resp: 4389795
Ion Ratio Lower Upper
149 100
167 29.3 23.0 34.6
279 5.5 3.9 5.9

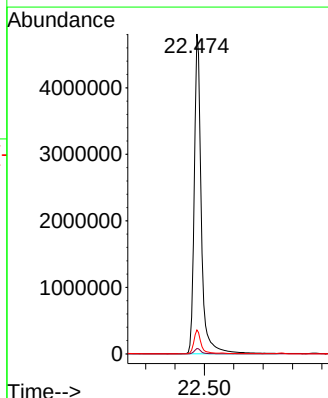
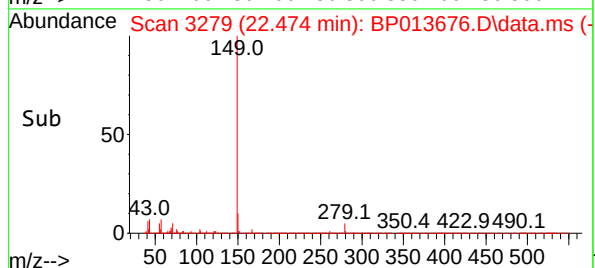
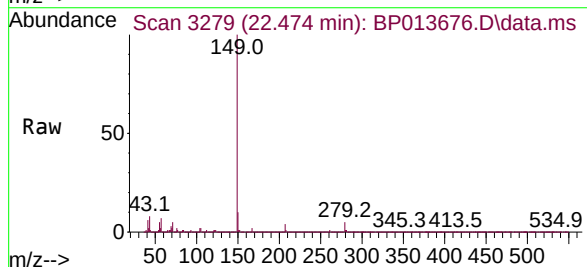
Manual Integrations
APPROVED

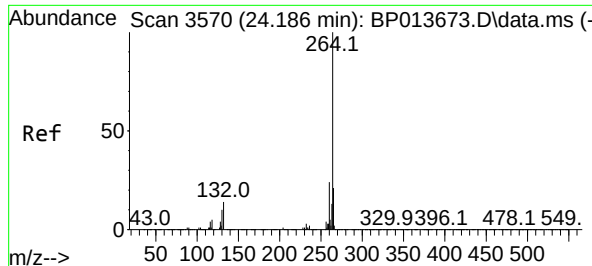
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#85
Di-n-octyl phthalate
Concen: 82.636 ng
RT: 22.474 min Scan# 3279
Delta R.T. -0.000 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

Tgt Ion:149 Resp: 7998084
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 7.5 6.3 9.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.186 min Scan# 3570

Delta R.T. -0.000 min

Lab File: BP013676.D

Acq: 31 Jan 2023 15:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:264 Resp: 1996328

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

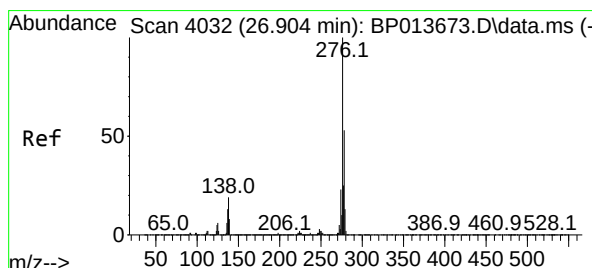
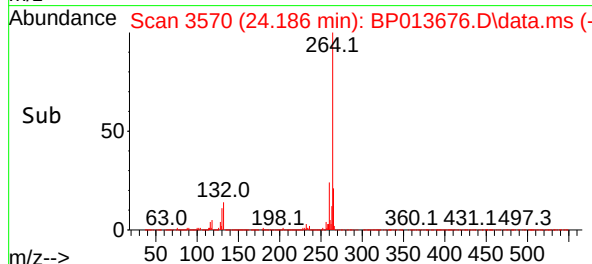
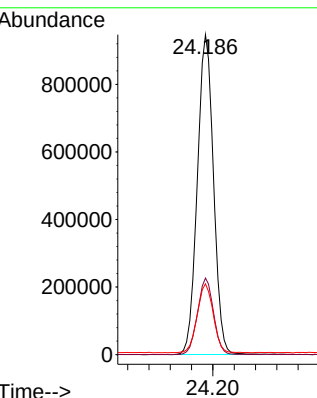
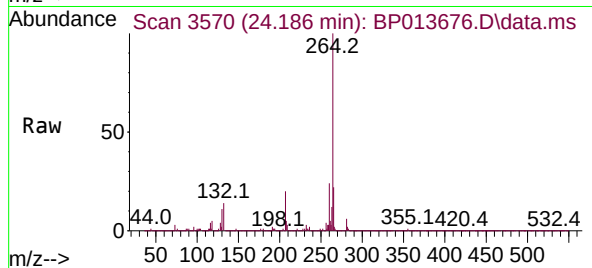
265 22.1 17.4 26.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#87

Indeno(1,2,3-cd)pyrene

Concen: 77.653 ng

RT: 26.933 min Scan# 4037

Delta R.T. 0.029 min

Lab File: BP013676.D

Acq: 31 Jan 2023 15:56

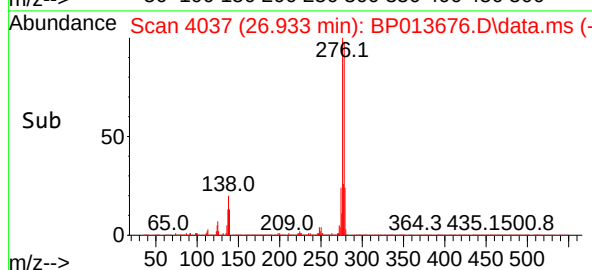
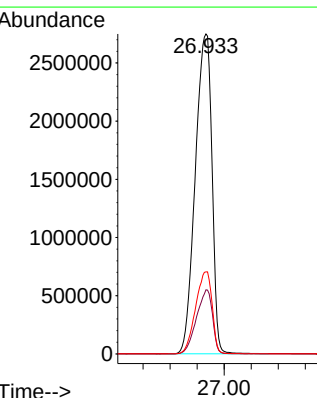
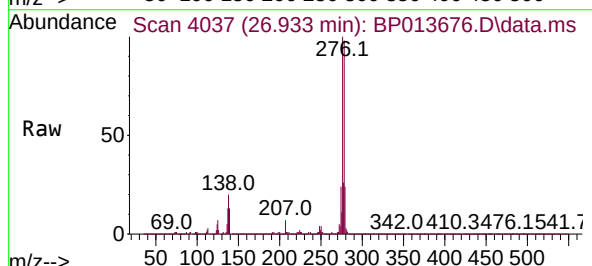
Tgt Ion:276 Resp:11789503

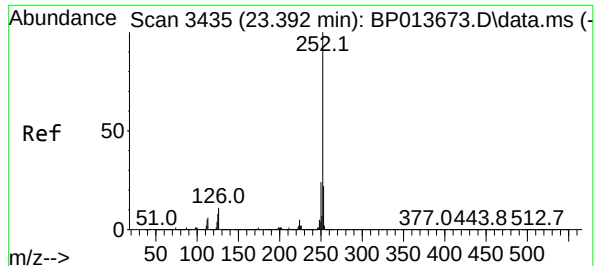
Ion Ratio Lower Upper

276 100

138 19.3 16.5 24.7

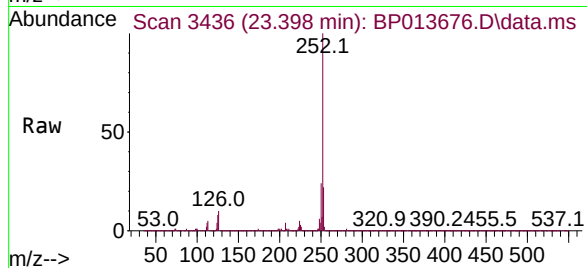
277 25.5 20.2 30.2





#88
Benzo(b)fluoranthene
Concen: 77.542 ng
RT: 23.398 min Scan# 3435
Delta R.T. 0.006 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

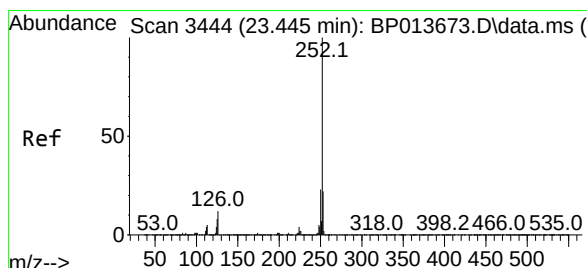
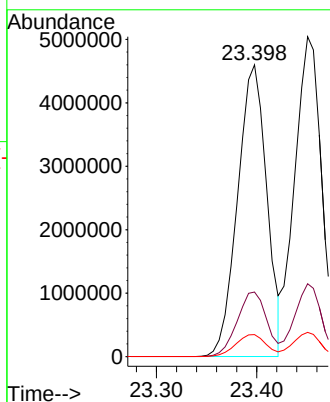
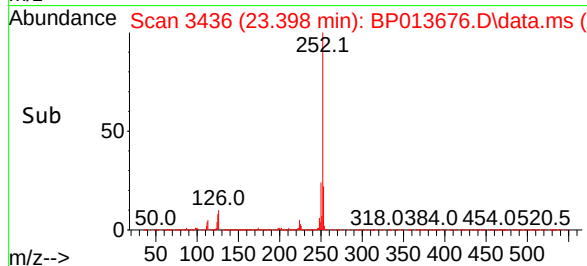
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:252 Resp: 930379
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 7.6 6.8 10.2

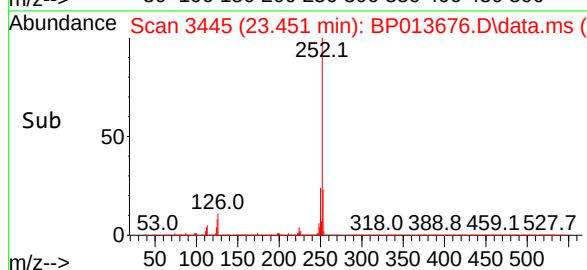
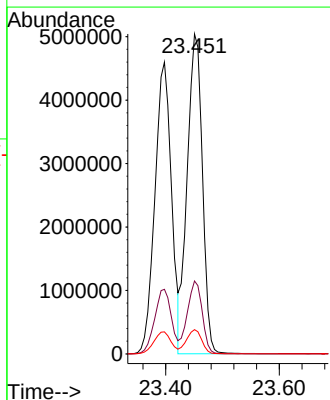
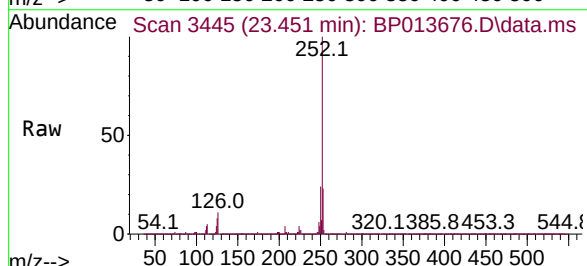
Manual Integrations
APPROVED

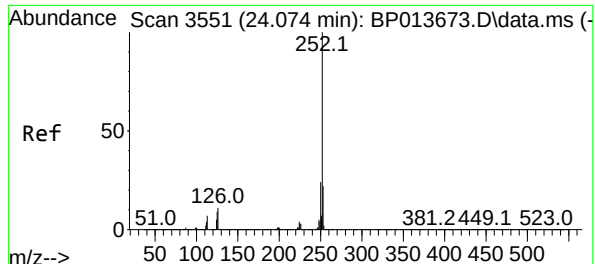
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#89
Benzo(k)fluoranthene
Concen: 78.022 ng
RT: 23.451 min Scan# 3445
Delta R.T. 0.006 min
Lab File: BP013676.D
Acq: 31 Jan 2023 15:56

Tgt Ion:252 Resp: 9376557
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 7.6 6.3 9.5





#90

Benzo(a)pyrene

Concen: 78.287 ng

RT: 24.080 min Scan# 3551

Delta R.T. 0.006 min

Lab File: BP013676.D

Acq: 31 Jan 2023 15:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 932398

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

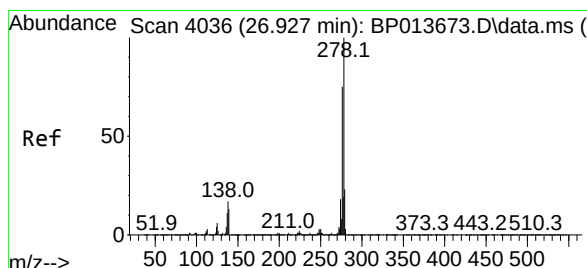
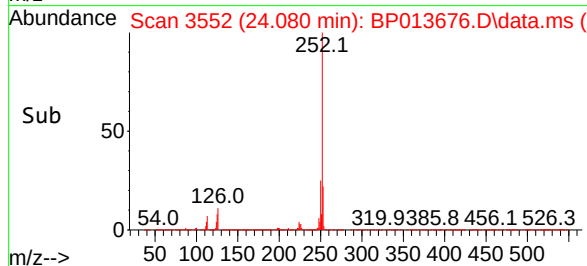
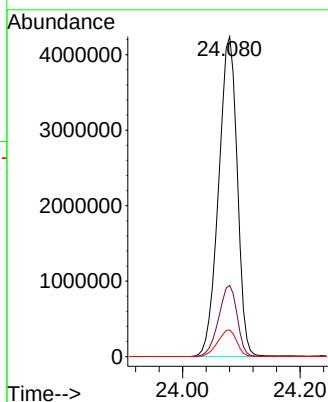
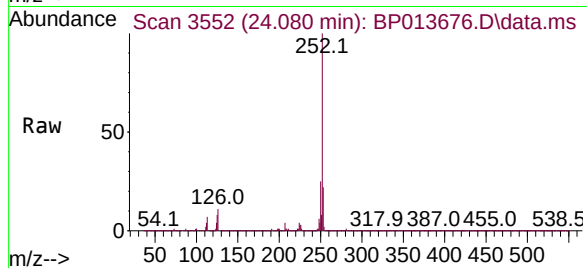
125 8.3 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#91

Dibenzo(a,h)anthracene

Concen: 77.019 ng

RT: 26.945 min Scan# 4039

Delta R.T. 0.018 min

Lab File: BP013676.D

Acq: 31 Jan 2023 15:56

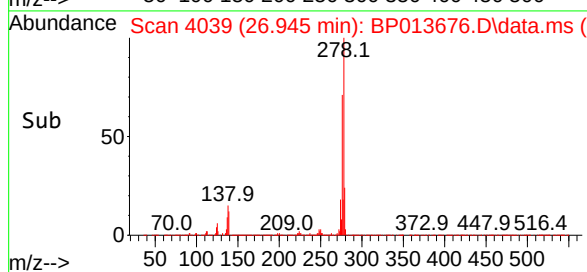
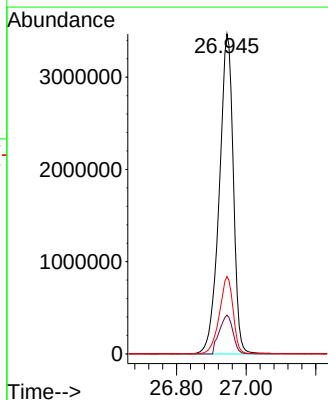
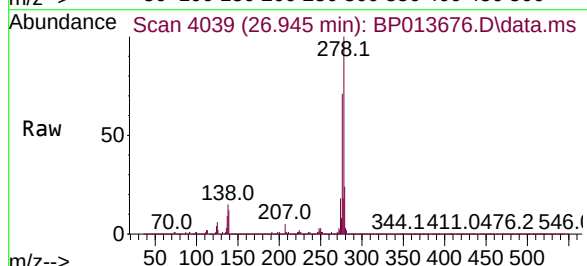
Tgt Ion:278 Resp: 9706093

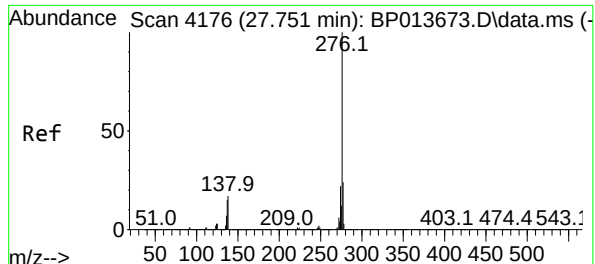
Ion Ratio Lower Upper

278 100

139 12.1 10.6 16.0

279 24.2 18.8 28.2





#92

Benzo(g,h,i)perylene

Concen: 77.890 ng

RT: 27.774 min Scan# 41

Delta R.T. 0.023 min

Lab File: BP013676.D

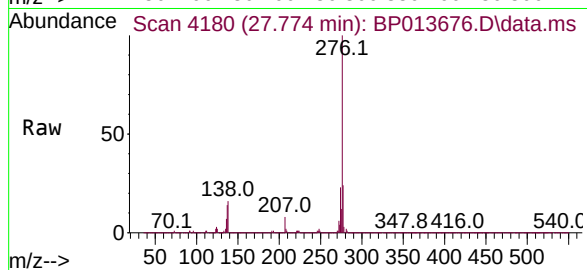
Acq: 31 Jan 2023 15:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC080



Tgt Ion:276 Resp: 974911

Ion Ratio Lower Upper

276 100

277 24.1 19.2 28.8

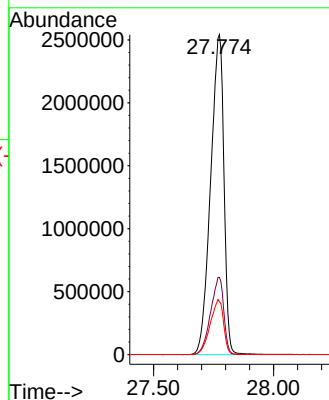
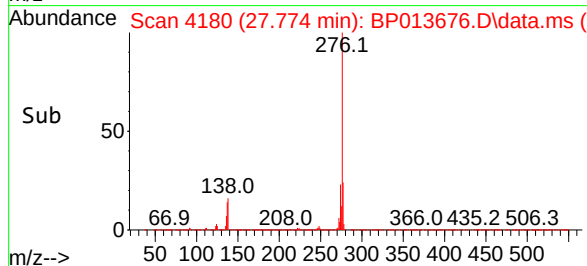
138 16.5 14.0 21.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
 Data File : BP013677.D
 Acq On : 31 Jan 2023 17:04
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

ICVBP013123

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023
 Supervised By :Jagrut Upadhyay 02/01/2023

Quant Time: Feb 01 04:11:36 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Feb 01 03:43:48 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	208996	20.000	ng	0.00
21) Naphthalene-d8	10.969	136	778424	20.000	ng	0.00
39) Acenaphthene-d10	14.775	164	521017	20.000	ng	0.00
64) Phenanthrene-d10	17.528	188	1221175	20.000	ng	0.00
76) Chrysene-d12	21.610	240	1287651	20.000	ng	0.00
86) Perylene-d12	24.180	264	1499661	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	1010653	82.665	ng	0.00
7) Phenol-d6	7.287	99	1324179	81.298	ng	0.00
23) Nitrobenzene-d5	9.316	82	1155711	86.363	ng	0.00
42) 2,4,6-Tribromophenol	16.263	330	660087	84.468	ng	0.00
45) 2-Fluorobiphenyl	13.404	172	3011263	80.872	ng	0.00
79) Terphenyl-d14	20.057	244	5325714	82.130	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.517	88	206769	39.976	ng	99
3) Pyridine	3.934	79	591967	39.749	ng	98
4) n-Nitrosodimethylamine	3.834	42	213995	40.075	ng	97
6) Aniline	7.458	93	872925	41.110	ng	99
8) 2-Chlorophenol	7.699	128	524365	40.739	ng	99
9) Benzaldehyde	7.269	77	357593	42.434	ng	99
10) Phenol	7.316	94	691006	40.611	ng	99
11) bis(2-Chloroethyl)ether	7.552	93	541580	39.845	ng	99
12) 1,3-Dichlorobenzene	8.028	146	587363	40.511	ng	99
13) 1,4-Dichlorobenzene	8.175	146	596648	40.671	ng	100
14) 1,2-Dichlorobenzene	8.499	146	575668	41.009	ng	100
15) Benzyl Alcohol	8.381	79	483342	41.907	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.675	45	645151	40.641	ng	99
17) 2-Methylphenol	8.581	107	494013	41.432	ng	98
18) Hexachloroethane	9.234	117	197668	40.863	ng	96
19) n-Nitroso-di-n-propyla...	8.952	70	430421	42.119	ng	98
20) 3+4-Methylphenols	8.911	107	677606	41.657	ng	98
22) Acetophenone	8.969	105	831010	40.938	ng	# 99
24) Nitrobenzene	9.358	77	618536	42.614	ng	99
25) Isophorone	9.887	82	1203148	40.564	ng	99
26) 2-Nitrophenol	10.075	139	260166	39.244	ng	99
27) 2,4-Dimethylphenol	10.122	122	487328	40.713	ng	98
28) bis(2-Chloroethoxy)met...	10.363	93	707500	39.798	ng	99
29) 2,4-Dichlorophenol	10.610	162	536721	41.196	ng	99
30) 1,2,4-Trichlorobenzene	10.828	180	594262	41.108	ng	99
31) Naphthalene	11.022	128	1631599	39.863	ng	100
32) Benzoic acid	10.246	122	371544	39.559	ng	98
33) 4-Chloroaniline	11.122	127	733184	40.768	ng	99
34) Hexachlorobutadiene	11.304	225	368081	40.111	ng	98
35) Caprolactam	11.910	113	172075	40.217	ng	98
36) 4-Chloro-3-methylphenol	12.234	107	550213	40.148	ng	98
37) 2-Methylnaphthalene	12.616	142	1230602	39.987	ng	99
38) 1-Methylnaphthalene	12.834	142	1148180	39.717	ng	100
40) 1,2,4,5-Tetrachloroben...	12.975	216	724310	40.720	ng	100
41) Hexachlorocyclopentadiene	12.957	237	337986	41.631	ng	97
43) 2,4,6-Trichlorophenol	13.210	196	478690	40.869	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
 Data File : BP013677.D
 Acq On : 31 Jan 2023 17:04
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP013123

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/01/2023
 Supervised By : Jagrut Upadhyay 02/01/2023

Quant Time: Feb 01 04:11:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 03:43:48 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.281	196	567879	41.409	ng	98
46) 1,1'-Biphenyl	13.610	154	1595269	40.461	ng	99
47) 2-Chloronaphthalene	13.657	162	1243081	40.788	ng	99
48) 2-Nitroaniline	13.857	65	292897	39.177	ng	99
49) Acenaphthylene	14.498	152	1999269	40.679	ng	99
50) Dimethylphthalate	14.228	163	1634098	40.549	ng	99
51) 2,6-Dinitrotoluene	14.345	165	327798	40.124	ng	98
52) Acenaphthene	14.840	154	1285541m	40.629	ng	
53) 3-Nitroaniline	14.675	138	349724	40.284	ng	98
54) 2,4-Dinitrophenol	14.881	184	186304	38.845	ng	99
55) Dibenzofuran	15.175	168	2004576	40.481	ng	99
56) 4-Nitrophenol	14.969	139	300789	43.049	ng	98
57) 2,4-Dinitrotoluene	15.128	165	431307	39.598	ng	96
58) Fluorene	15.822	166	1571613	40.424	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.398	232	497757	41.741	ng	99
60) Diethylphthalate	15.587	149	1565452	40.521	ng	100
61) 4-Chlorophenyl-phenyle...	15.810	204	859697	40.607	ng	99
62) 4-Nitroaniline	15.840	138	356714	40.916	ng	96
63) Azobenzene	16.104	77	1456316	40.807	ng	99
65) 4,6-Dinitro-2-methylph...	15.892	198	265540	38.788	ng	98
66) n-Nitrosodiphenylamine	16.028	169	1416115	39.855	ng	99
67) 4-Bromophenyl-phenylether	16.710	248	567471	40.538	ng	97
68) Hexachlorobenzene	16.828	284	625521	40.353	ng	98
69) Atrazine	16.975	200	500670	43.303	ng	99
70) Pentachlorophenol	17.175	266	490533	42.900	ng	99
71) Phenanthrene	17.575	178	2636321	40.277	ng	100
72) Anthracene	17.663	178	2691430	40.729	ng	99
73) Carbazole	17.928	167	2434005	40.564	ng	99
74) Di-n-butylphthalate	18.457	149	2689433	40.958	ng	100
75) Fluoranthene	19.522	202	3340151	40.989	ng	99
77) Benzidine	19.692	184	1149993	41.348	ng	99
78) Pyrene	19.875	202	3471767	40.075	ng	100
80) Butylbenzylphthalate	20.728	149	990780	41.894	ng	98
81) Benzo(a)anthracene	21.592	228	3619980	40.474	ng	100
82) 3,3'-Dichlorobenzidine	21.510	252	1179403	41.710	ng	99
83) Chrysene	21.645	228	3434120	40.301	ng	100
84) Bis(2-ethylhexyl)phtha...	21.492	149	1633985	40.578	ng	99
85) Di-n-octyl phthalate	22.474	149	2979654	40.522	ng	100
87) Indeno(1,2,3-cd)pyrene	26.904	276	4609234	40.414	ng	100
88) Benzo(b)fluoranthene	23.392	252	3697076	41.018	ng	99
89) Benzo(k)fluoranthene	23.439	252	3669271	40.644	ng	100
90) Benzo(a)pyrene	24.069	252	3605440	40.298	ng	99
91) Dibenzo(a,h)anthracene	26.921	278	3846340	40.629	ng	99
92) Benzo(g,h,i)perylene	27.745	276	3797406	40.387	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

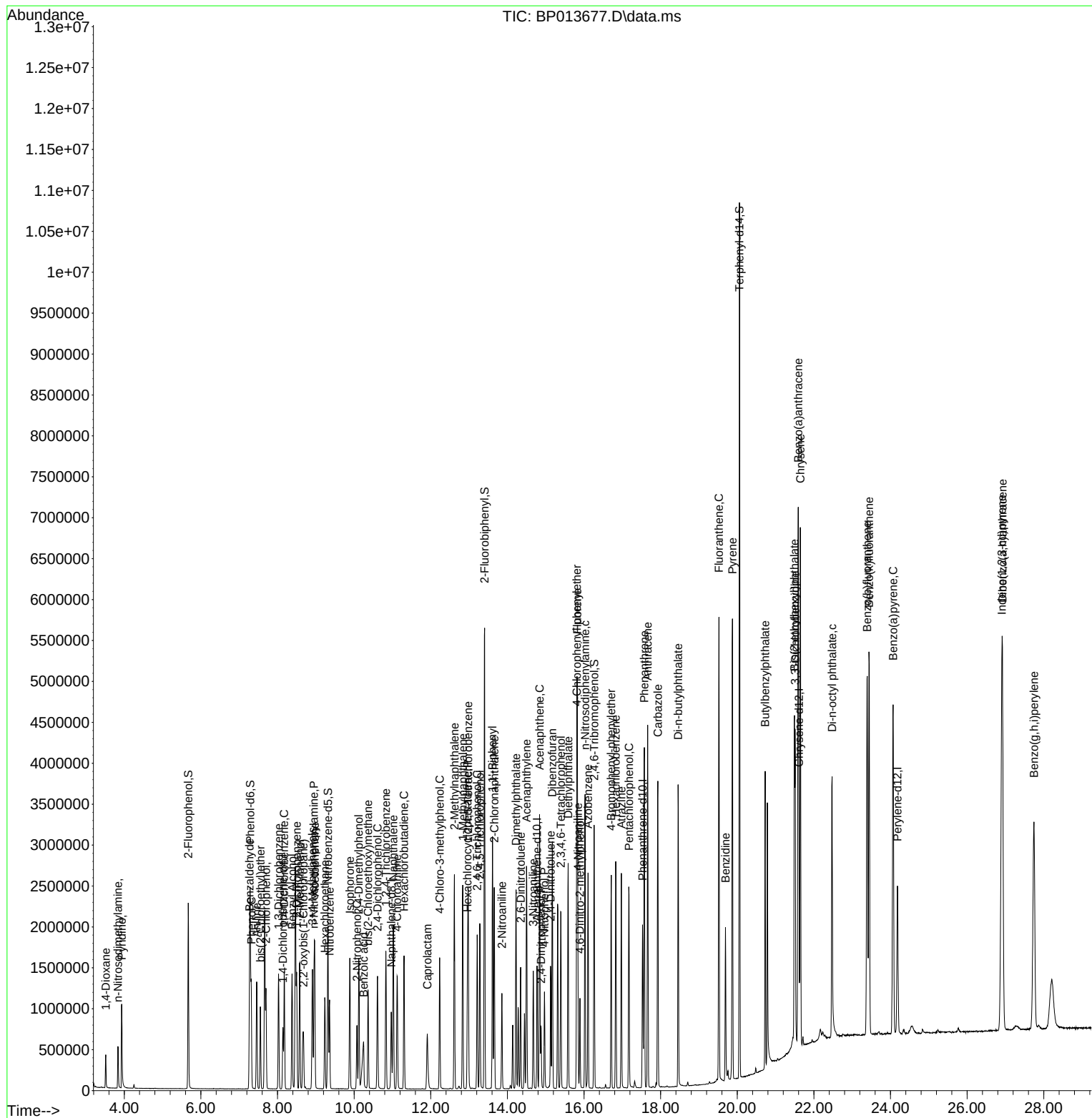
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
Data File : BP013677.D
Acq On : 31 Jan 2023 17:04
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 12 Sample Multiplier: 1

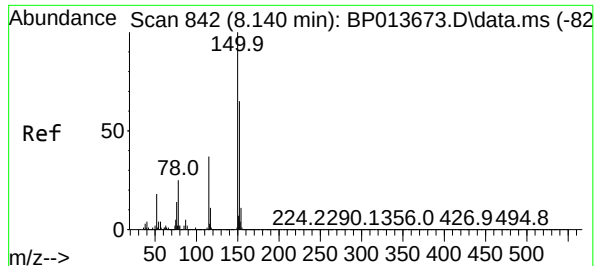
Instrument :
BNA_P
ClientSampleId :
ICVBP013123

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jaqrut Upadhyay 02/01/2023

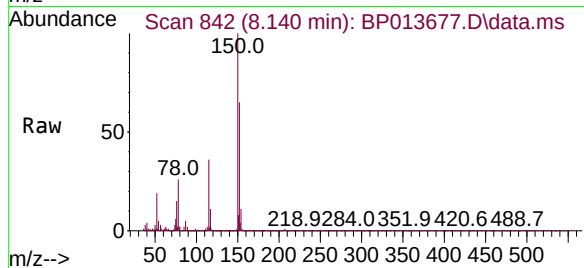
Quant Time: Feb 01 04:11:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 03:43:48 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.140 min Scan# 842
Delta R.T. -0.000 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

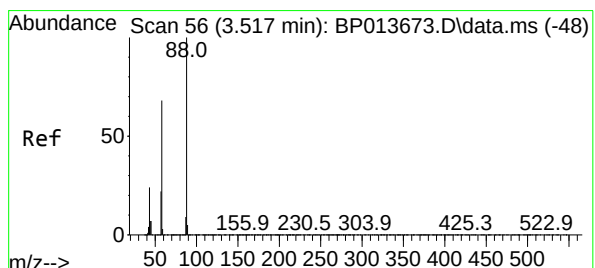
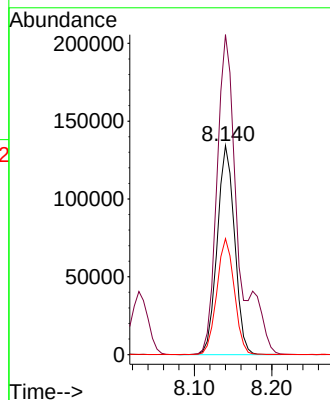
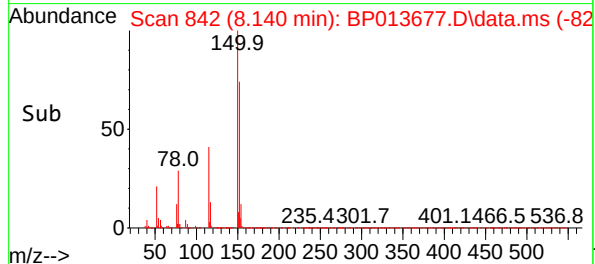
Instrument :
BNA_P
ClientSampleId :
ICVBP013123



Tgt Ion: 152 Resp: 208996
Ion Ratio Lower Upper
152 100
150 153.1 123.6 185.4
115 55.5 45.4 68.0

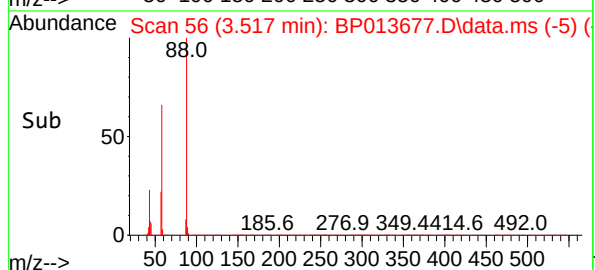
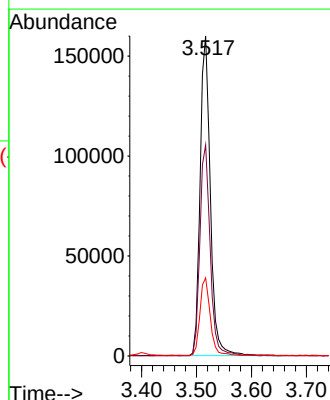
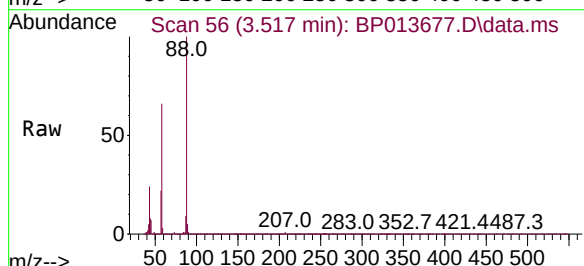
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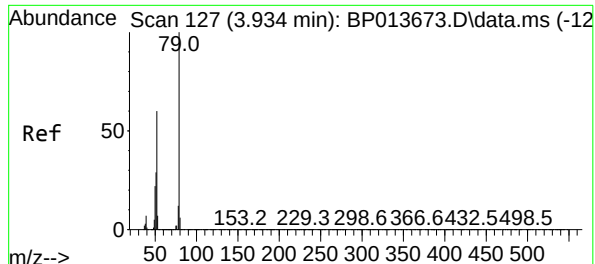
Reviewed By : Christian Giraldo 02/01/2023
Supervised By : Jagrut Upadhyay 02/01/2023



#2
1,4-Dioxane
Concen: 39.976 ng
RT: 3.517 min Scan# 56
Delta R.T. 0.000 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

Tgt Ion: 88 Resp: 206769
Ion Ratio Lower Upper
88 100
58 66.5 53.8 80.8
43 24.2 19.8 29.6





#3

Pyridine

Concen: 39.749 ng

RT: 3.934 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP013677.D

Acq: 31 Jan 2023 17:04

Instrument :

BNA_P

ClientSampleId :

ICVBP013123

Tgt Ion: 79 Resp: 591962

Ion Ratio Lower Upper

79 100

52 61.0 48.2 72.2

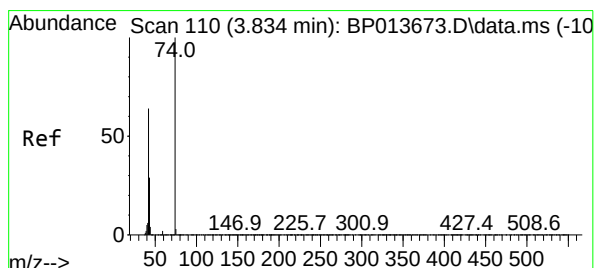
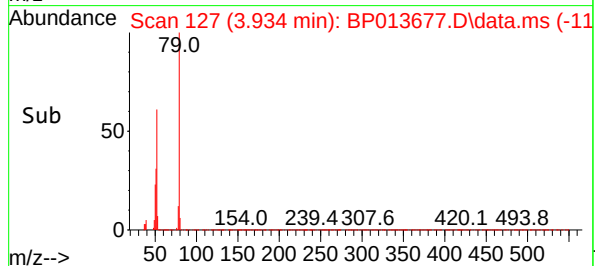
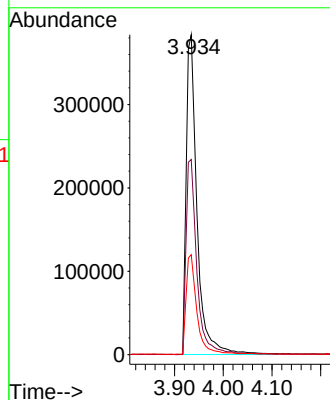
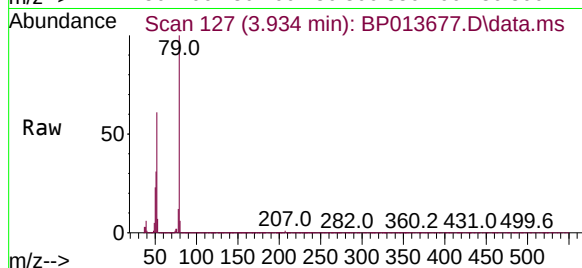
51 31.2 23.6 35.4

Manual Integrations

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Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#4

n-Nitrosodimethylamine

Concen: 40.075 ng

RT: 3.834 min Scan# 110

Delta R.T. 0.000 min

Lab File: BP013677.D

Acq: 31 Jan 2023 17:04

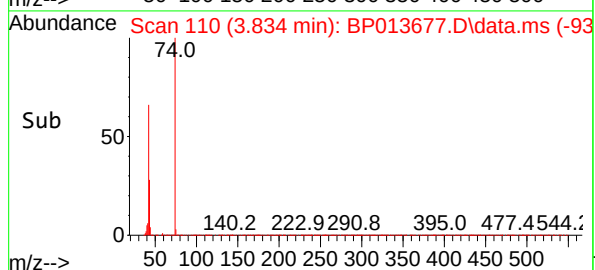
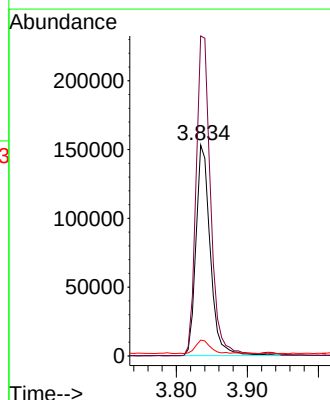
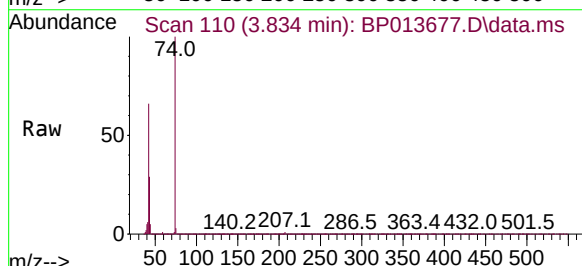
Tgt Ion: 42 Resp: 213995

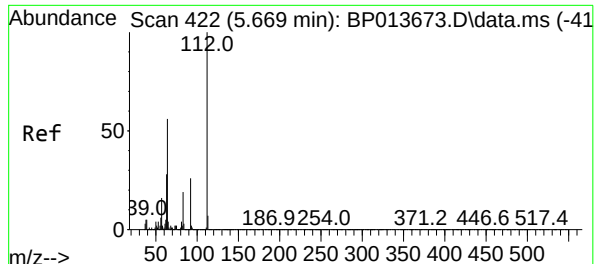
Ion Ratio Lower Upper

42 100

74 151.8 124.6 187.0

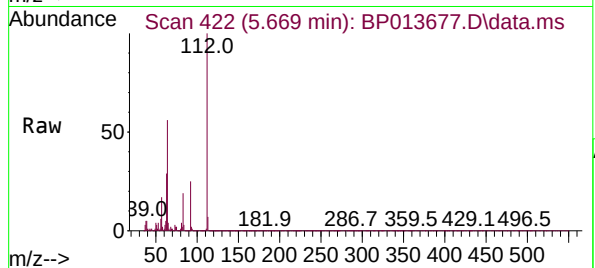
44 7.5 6.3 9.5





#5
2-Fluorophenol
Concen: 82.665 ng
RT: 5.669 min Scan# 422
Delta R.T. 0.000 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

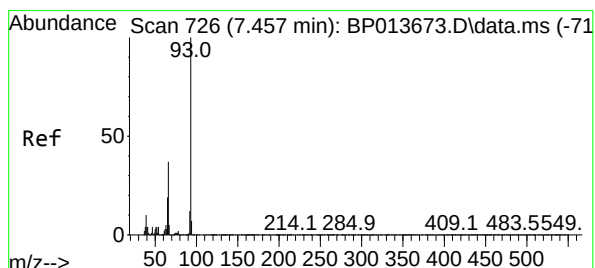
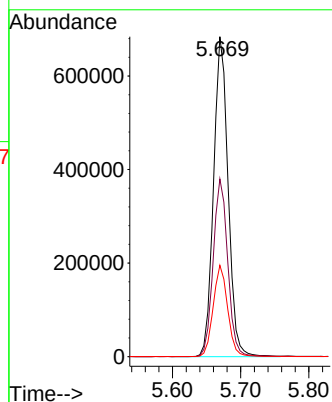
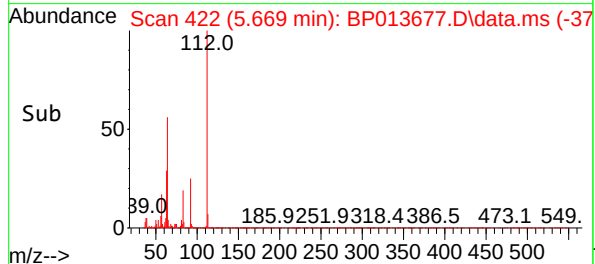
Instrument :
BNA_P
ClientSampleId :
ICVBP013123



Tgt Ion: 112 Resp: 1010653
Ion Ratio Lower Upper
112 100
64 55.5 44.6 67.0
63 28.5 22.6 34.0

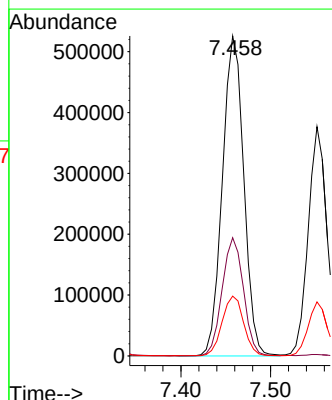
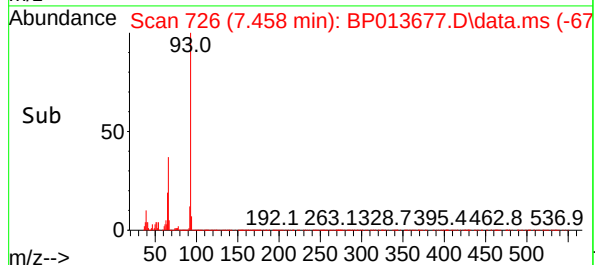
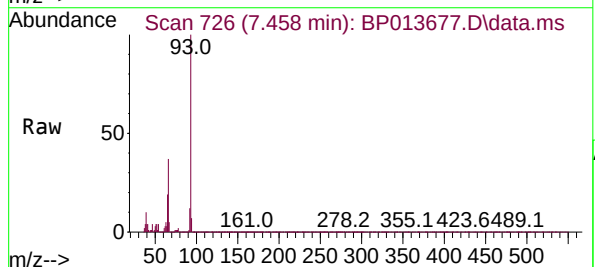
Manual Integrations
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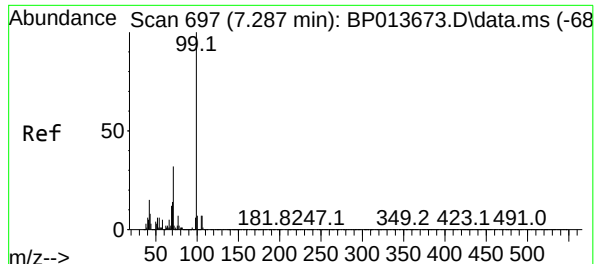
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#6
Aniline
Concen: 41.110 ng
RT: 7.458 min Scan# 726
Delta R.T. 0.000 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

Tgt Ion: 93 Resp: 872925
Ion Ratio Lower Upper
93 100
66 36.9 29.3 43.9
65 18.7 15.1 22.7





#7

Phenol-d6

Concen: 81.298 ng

RT: 7.287 min Scan# 697

Delta R.T. 0.000 min

Lab File: BP013677.D

Acq: 31 Jan 2023 17:04

Instrument :

BNA_P

ClientSampleId :

ICVBP013123

Tgt Ion: 99 Resp: 1324179

Ion Ratio Lower Upper

99 100

42 15.4 11.8 17.6

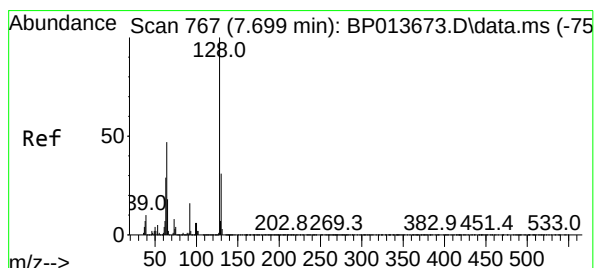
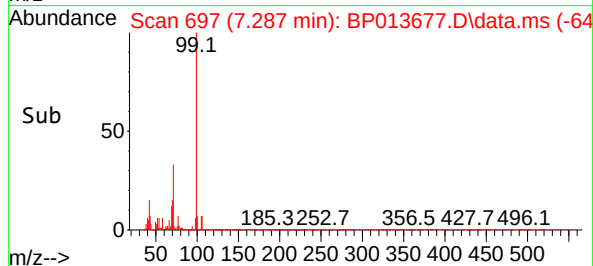
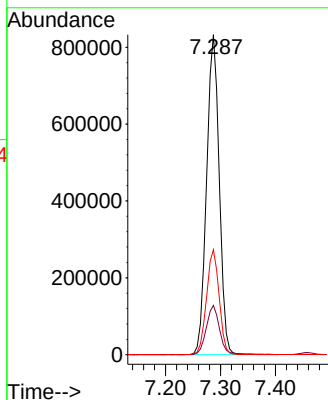
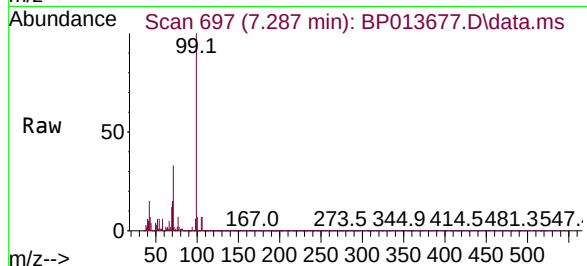
71 32.8 25.6 38.4

Manual Integrations

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Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#8

2-Chlorophenol

Concen: 40.739 ng

RT: 7.699 min Scan# 767

Delta R.T. 0.000 min

Lab File: BP013677.D

Acq: 31 Jan 2023 17:04

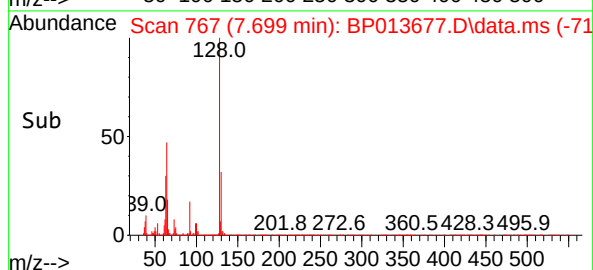
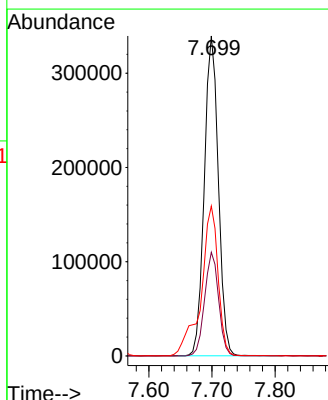
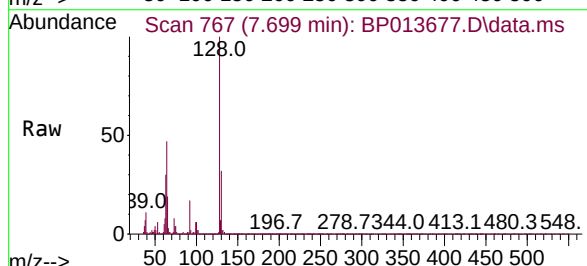
Tgt Ion:128 Resp: 524365

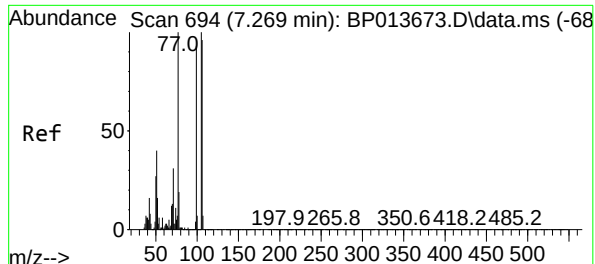
Ion Ratio Lower Upper

128 100

130 32.4 10.8 50.8

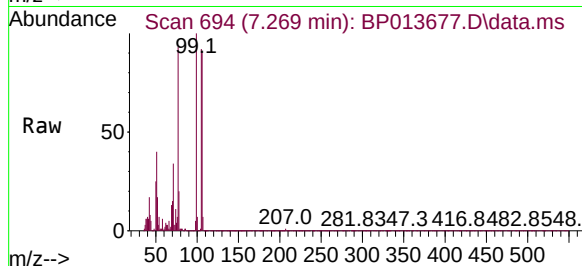
64 46.8 26.9 66.9





#9
Benzaldehyde
Concen: 42.434 ng
RT: 7.269 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

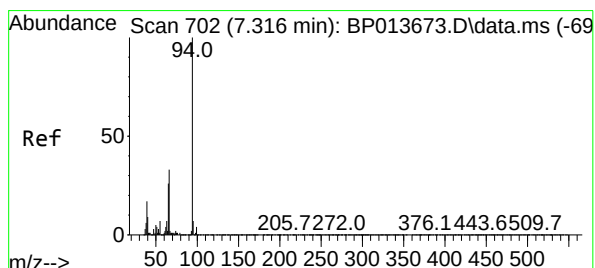
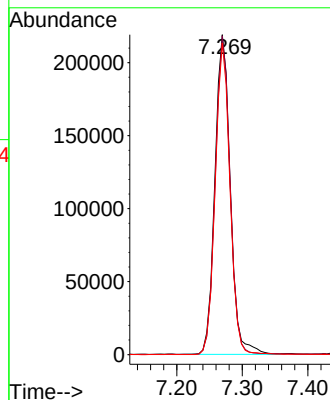
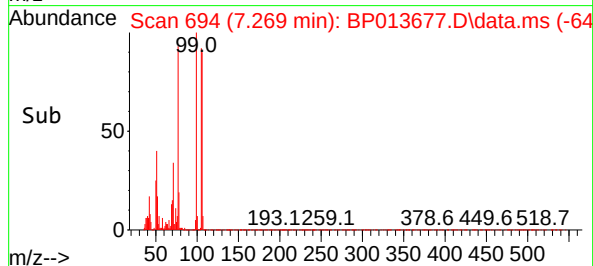
Instrument :
BNA_P
ClientSampleId :
ICVBP013123



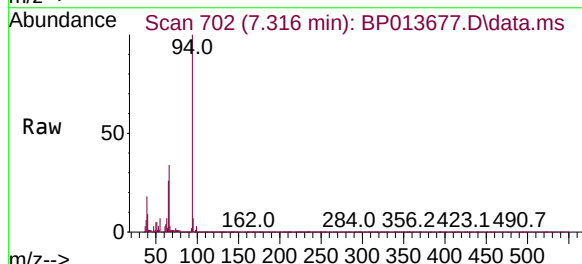
Tgt Ion: 77 Resp: 357593
Ion Ratio Lower Upper
77 100
105 99.6 80.4 120.4
106 97.4 76.7 116.7

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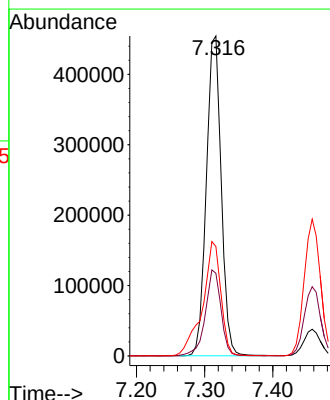
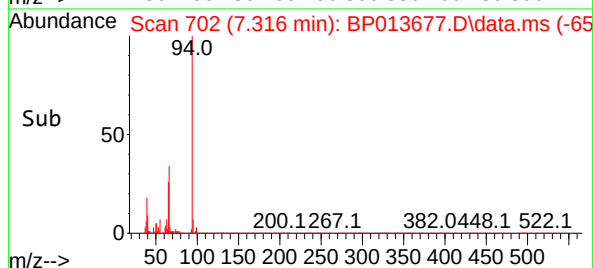
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

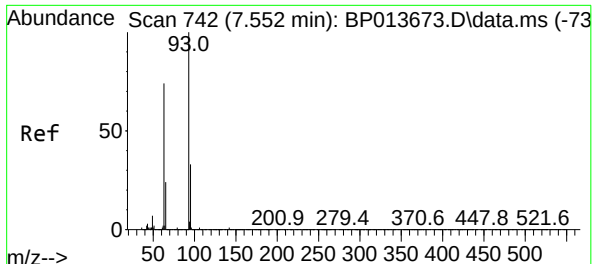


#10
Phenol
Concen: 40.611 ng
RT: 7.316 min Scan# 702
Delta R.T. 0.000 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04



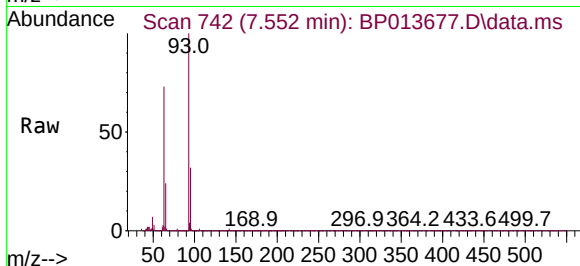
Tgt Ion: 94 Resp: 691006
Ion Ratio Lower Upper
94 100
65 25.8 6.0 46.0
66 34.2 13.1 53.1





#11
bis(2-Chloroethyl)ether
Concen: 39.845 ng
RT: 7.552 min Scan# 742
Delta R.T. 0.000 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

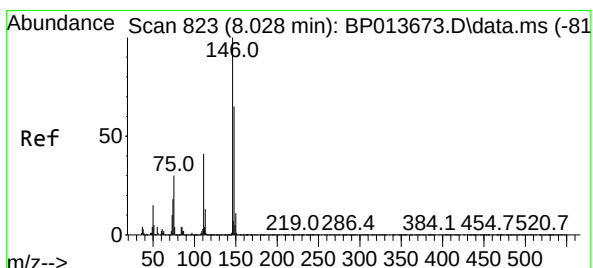
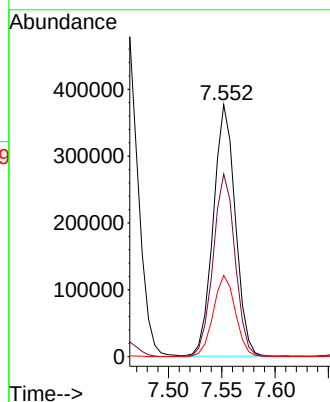
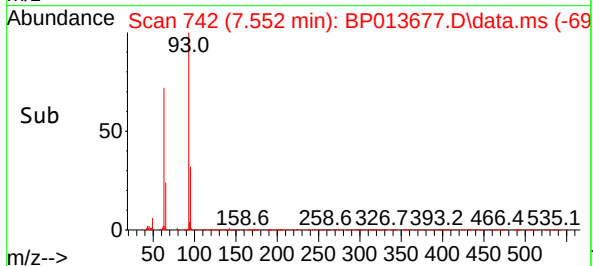
Instrument :
BNA_P
ClientSampleId :
ICVBP013123



Tgt Ion: 93 Resp: 541586
Ion Ratio Lower Upper
93 100
63 72.5 53.7 93.7
95 32.2 12.4 52.4

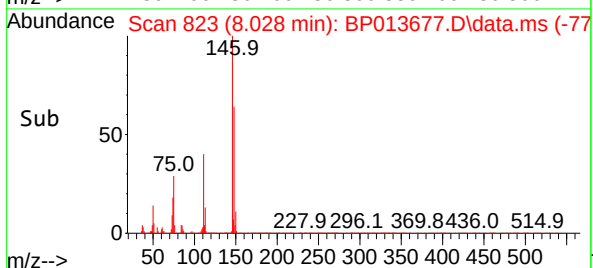
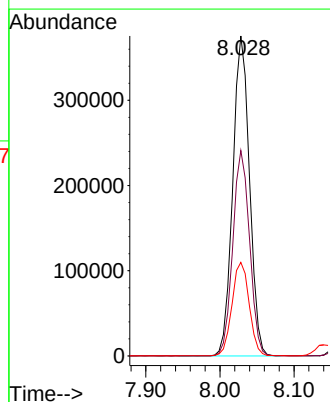
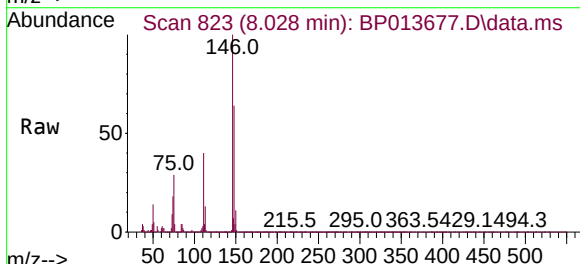
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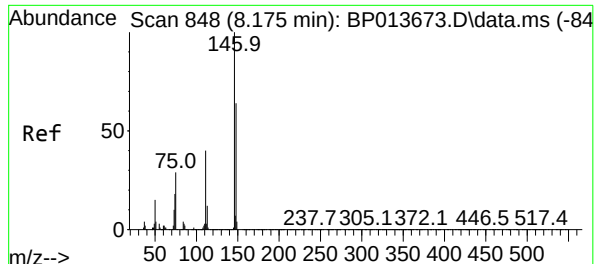
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#12
1,3-Dichlorobenzene
Concen: 40.511 ng
RT: 8.028 min Scan# 823
Delta R.T. 0.000 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

Tgt Ion:146 Resp: 587363
Ion Ratio Lower Upper
146 100
148 64.2 51.9 77.9
75 29.3 24.0 36.0





#13

1,4-Dichlorobenzene

Concen: 40.671 ng

RT: 8.175 min Scan# 848

Delta R.T. 0.000 min

Lab File: BP013677.D

Acq: 31 Jan 2023 17:04

Instrument :

BNA_P

ClientSampleId :

ICVBP013123

Tgt Ion:146 Resp: 596648

Ion Ratio Lower Upper

146 100

148 64.6 51.5 77.3

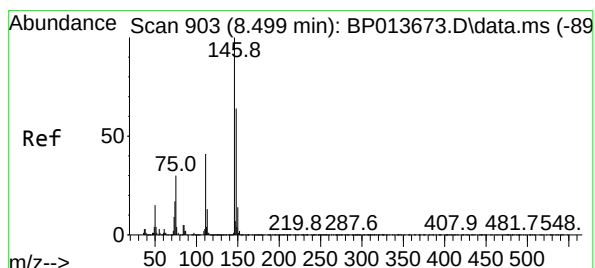
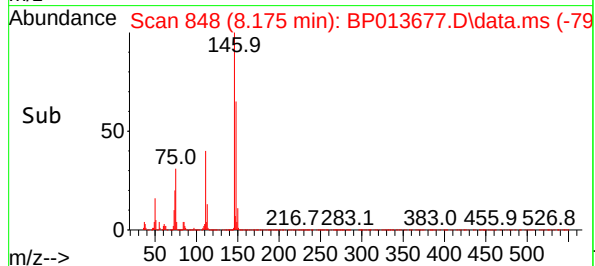
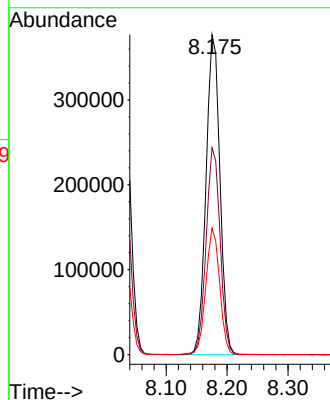
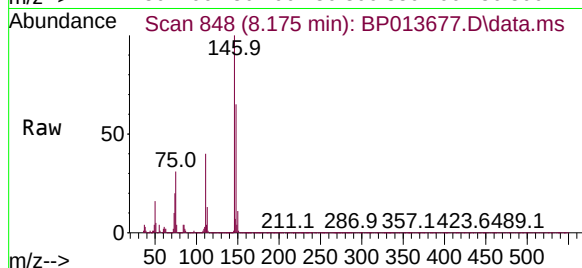
111 39.5 32.0 48.0

Manual Integrations

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Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#14

1,2-Dichlorobenzene

Concen: 41.009 ng

RT: 8.499 min Scan# 903

Delta R.T. 0.000 min

Lab File: BP013677.D

Acq: 31 Jan 2023 17:04

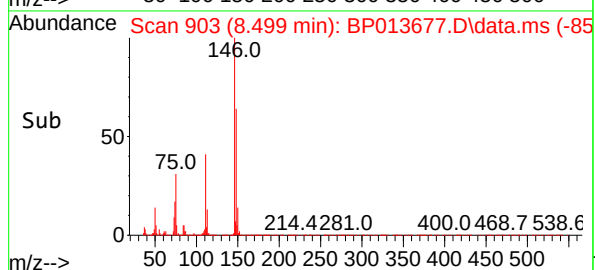
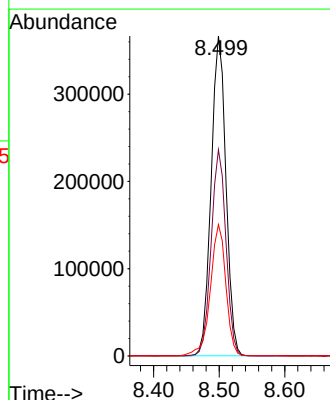
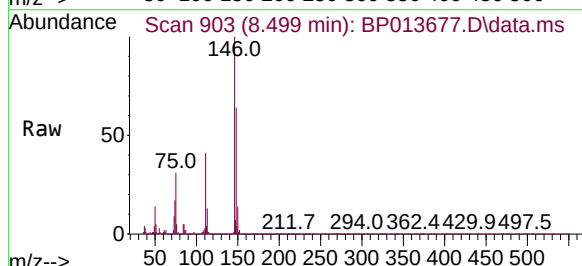
Tgt Ion:146 Resp: 575668

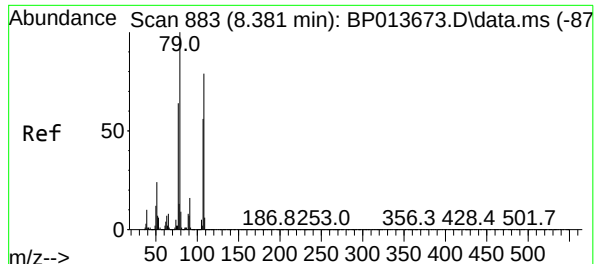
Ion Ratio Lower Upper

146 100

148 64.4 51.3 76.9

111 41.0 32.8 49.2





#15

Benzyl Alcohol

Concen: 41.907 ng

RT: 8.381 min Scan# 883

Delta R.T. 0.000 min

Lab File: BP013677.D

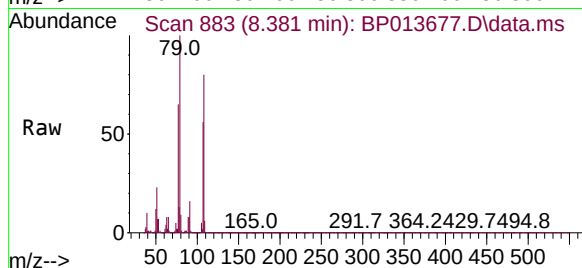
Acq: 31 Jan 2023 17:04

Instrument :

BNA_P

ClientSampleId :

ICVBP013123



Tgt Ion: 79 Resp: 483342

Ion Ratio Lower Upper

79 100

108 79.6 62.9 94.3

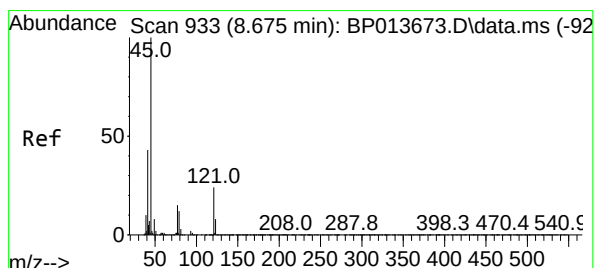
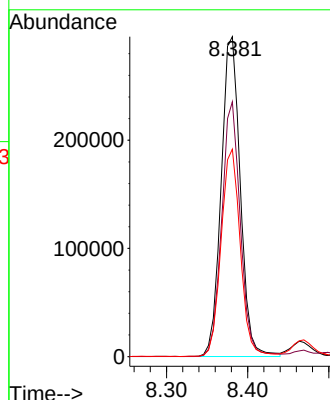
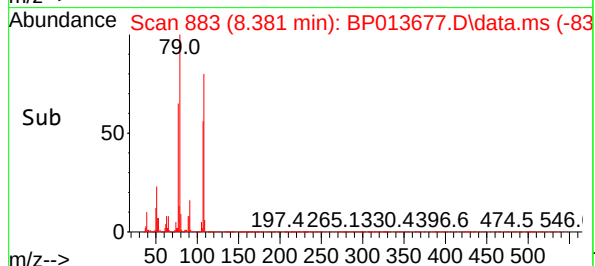
77 64.8 51.1 76.7

Manual Integrations

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Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.641 ng

RT: 8.675 min Scan# 933

Delta R.T. 0.000 min

Lab File: BP013677.D

Acq: 31 Jan 2023 17:04

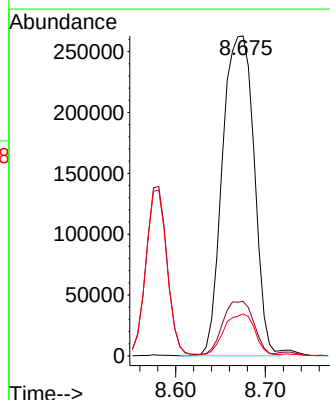
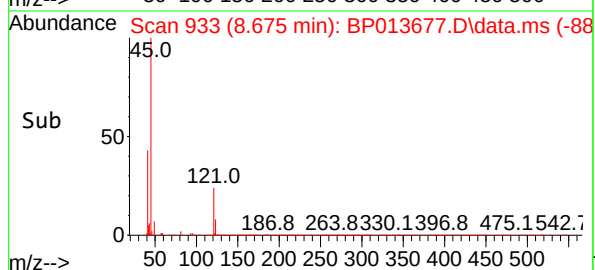
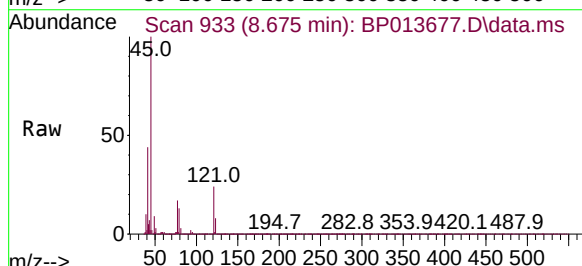
Tgt Ion: 45 Resp: 645151

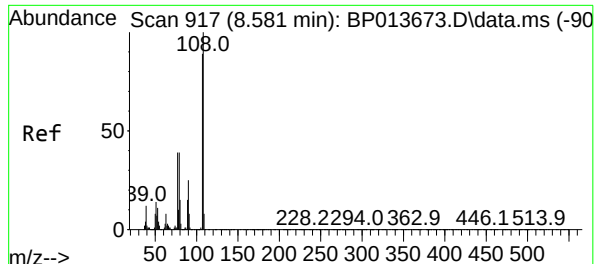
Ion Ratio Lower Upper

45 100

77 17.0 0.0 36.4

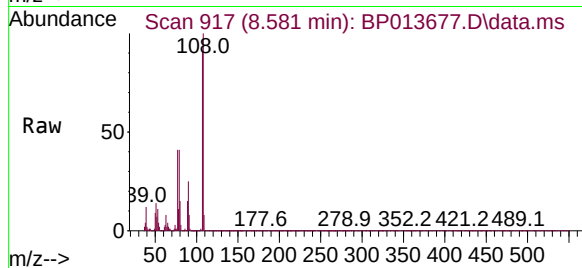
79 13.1 0.0 33.4





#17
2-Methylphenol
Concen: 41.432 ng
RT: 8.581 min Scan# 917
Delta R.T. 0.000 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

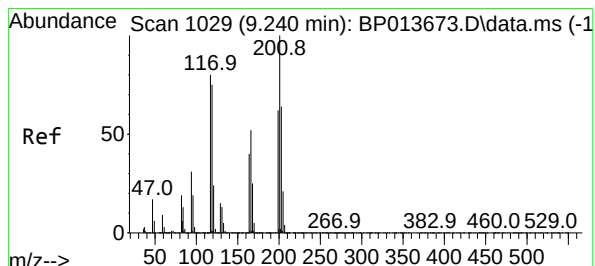
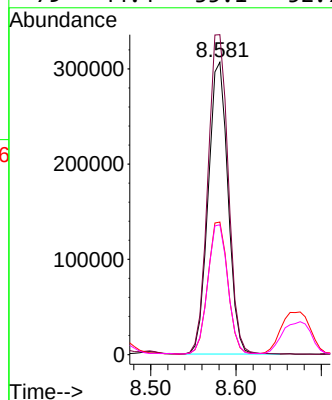
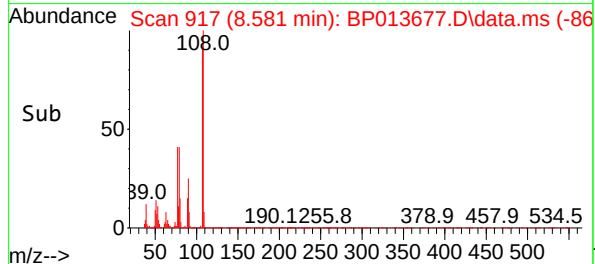
Instrument :
BNA_P
ClientSampleId :
ICVBP013123



Tgt Ion:107 Resp: 494013
Ion Ratio Lower Upper
107 100
108 109.4 90.0 135.0
77 45.3 35.7 53.5
79 44.4 35.1 52.7

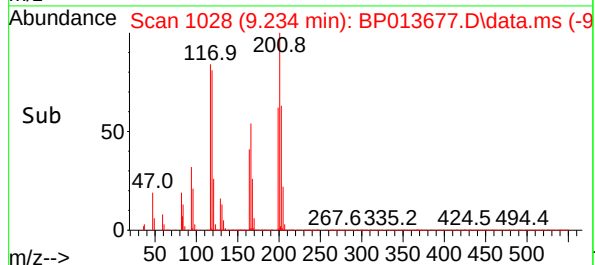
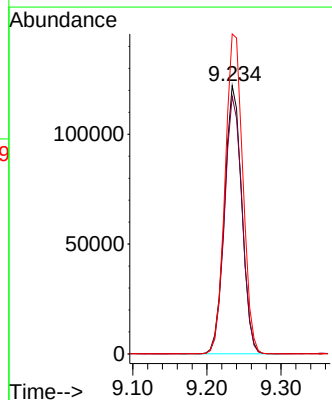
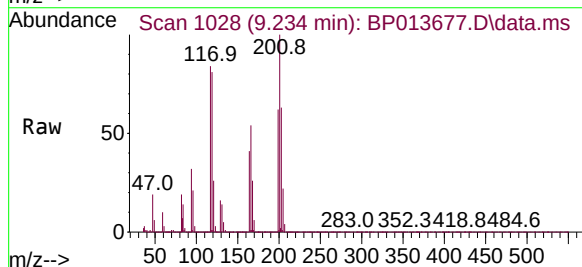
Manual Integrations
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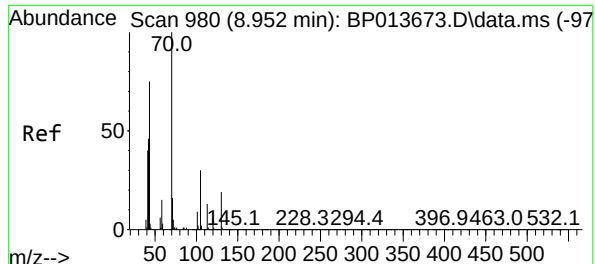
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#18
Hexachloroethane
Concen: 40.863 ng
RT: 9.234 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

Tgt Ion:117 Resp: 197668
Ion Ratio Lower Upper
117 100
119 96.0 75.0 112.4
201 119.3 100.4 150.6





#19

n-Nitroso-di-n-propylamine

Concen: 42.119 ng

RT: 8.952 min Scan# 980

Delta R.T. -0.000 min

Lab File: BP013677.D

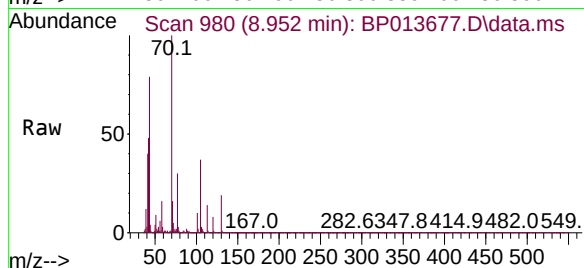
Acq: 31 Jan 2023 17:04

Instrument :

BNA_P

ClientSampleId :

ICVBP013123



Tgt Ion: 70 Resp: 430421

Ion Ratio Lower Upper

70 100

42 48.3 37.2 55.8

101 9.8 7.4 11.2

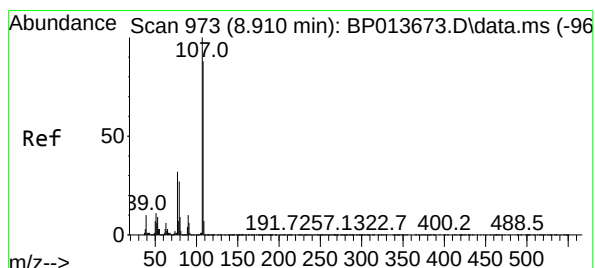
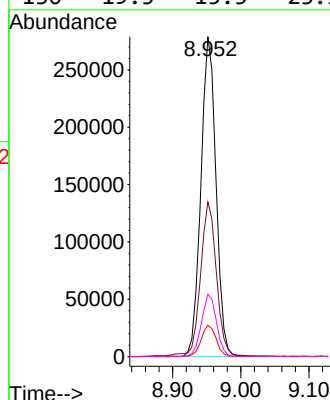
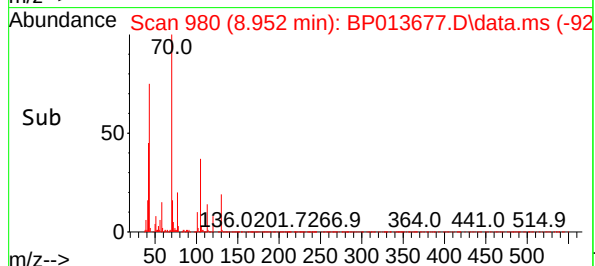
130 19.5 15.5 23.3

Manual Integrations

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Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#20

3+4-Methylphenols

Concen: 41.657 ng

RT: 8.911 min Scan# 973

Delta R.T. 0.001 min

Lab File: BP013677.D

Acq: 31 Jan 2023 17:04

Tgt Ion:107 Resp: 677606

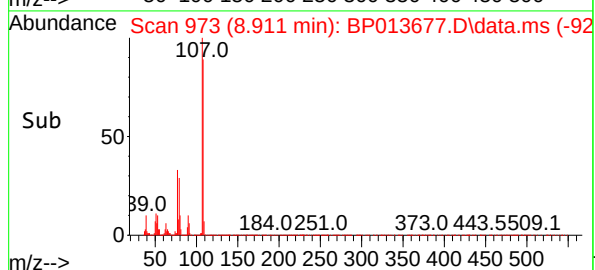
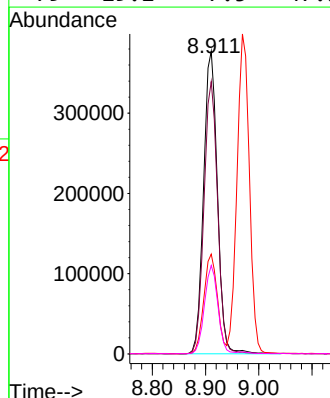
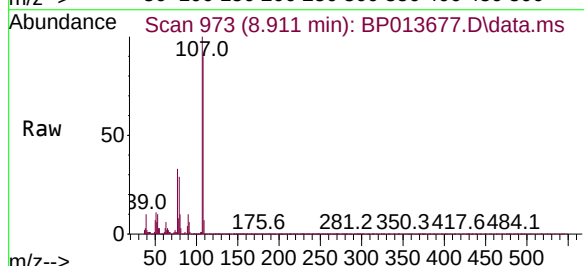
Ion Ratio Lower Upper

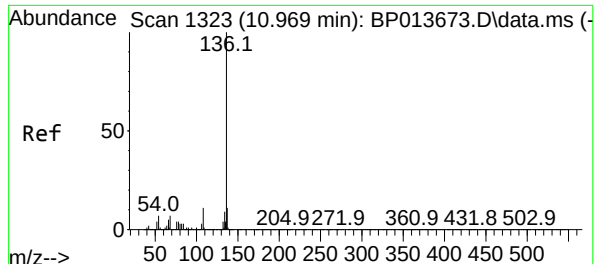
107 100

108 90.0 67.7 107.7

77 33.0 12.0 52.0

79 29.2 7.5 47.5





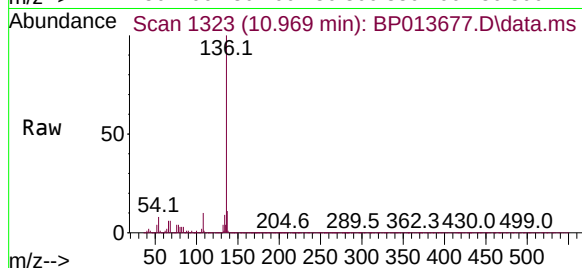
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.969 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

Instrument :

BNA_P

Client Sample Id :

ICVBP013123

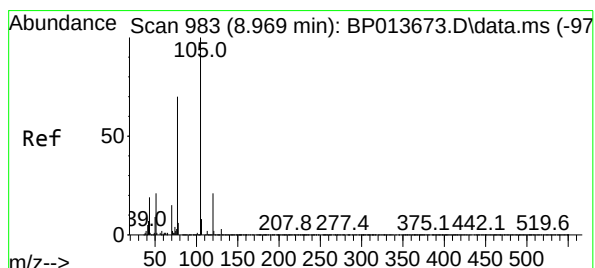
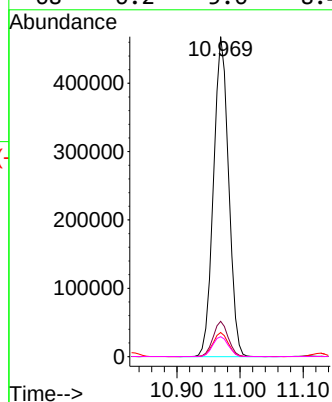
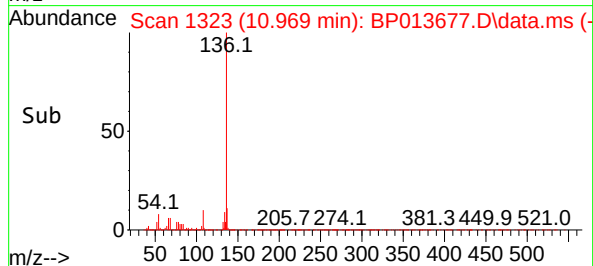


Tgt Ion:136 Resp: 778424
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.5 6.0 9.0
68 6.2 5.6 8.4

Manual Integrations

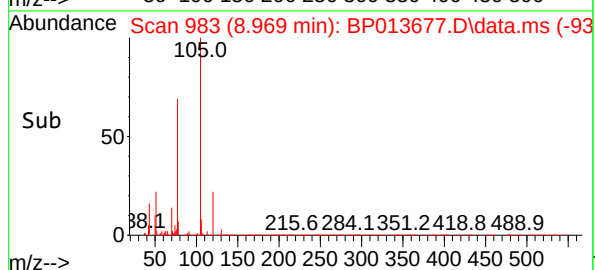
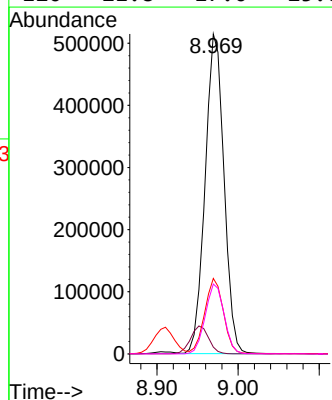
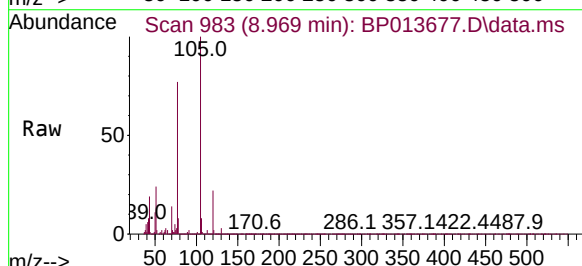
APPROVED

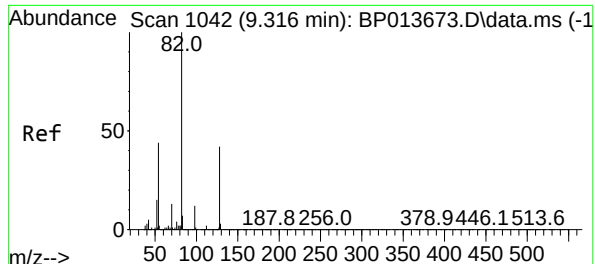
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#22
Acetophenone
Concen: 40.938 ng
RT: 8.969 min Scan# 983
Delta R.T. 0.000 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

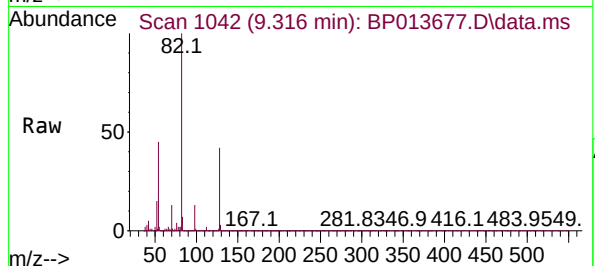
Tgt Ion:105 Resp: 831010
Ion Ratio Lower Upper
105 100
71 2.1 2.2 3.2#
51 23.6 18.6 27.8
120 21.8 17.0 25.6





#23
Nitrobenzene-d5
Concen: 86.363 ng
RT: 9.316 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

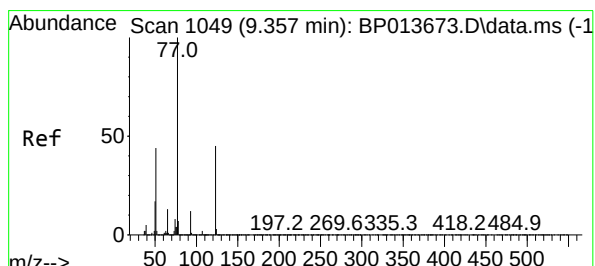
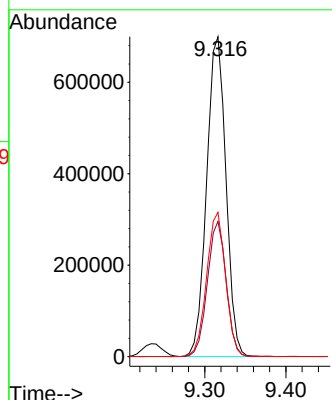
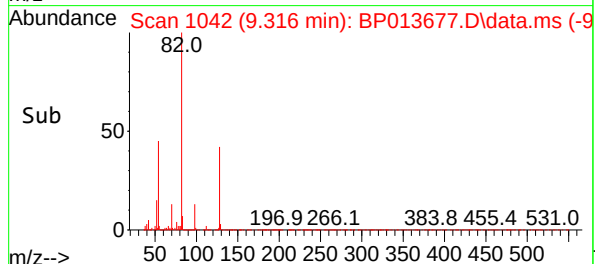
Instrument :
BNA_P
ClientSampleId :
ICVBP013123



Tgt Ion: 82 Resp: 115571
Ion Ratio Lower Upper
82 100
128 42.2 33.4 50.0
54 45.1 35.4 53.0

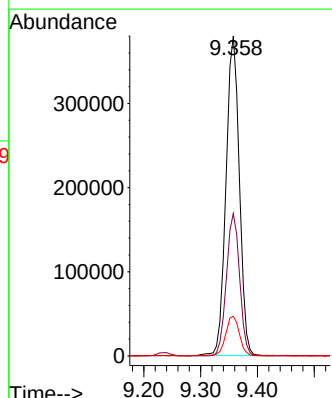
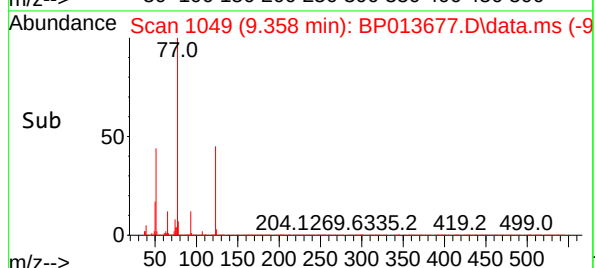
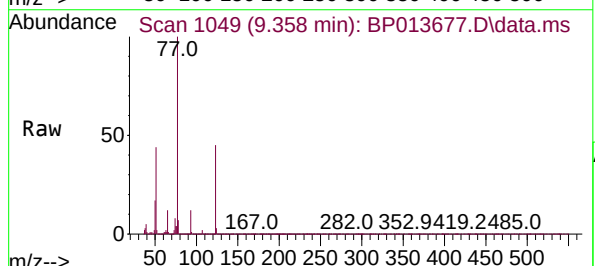
Manual Integrations
APPROVED

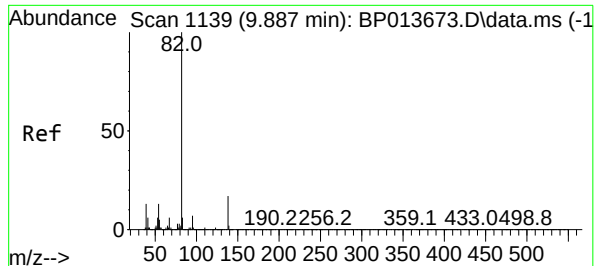
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#24
Nitrobenzene
Concen: 42.614 ng
RT: 9.358 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

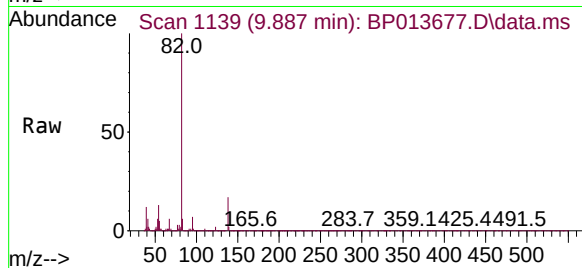
Tgt Ion: 77 Resp: 618536
Ion Ratio Lower Upper
77 100
123 44.5 35.9 53.9
65 12.4 10.2 15.4





#25
Isophorone
Concen: 40.564 ng
RT: 9.887 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

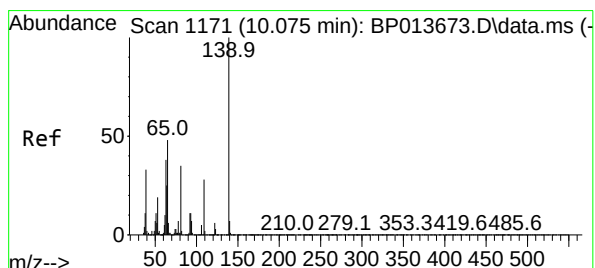
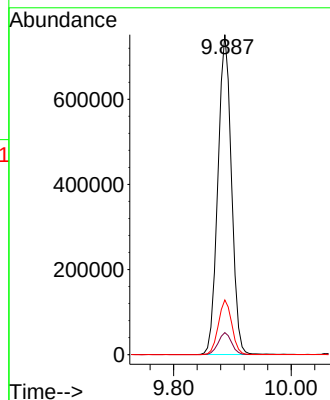
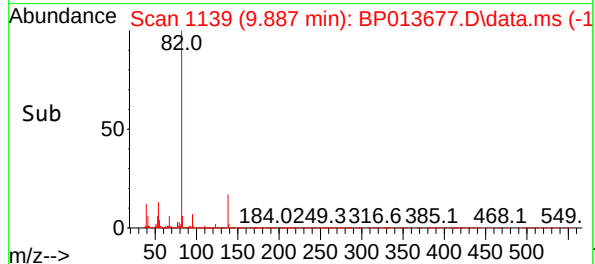
Instrument :
BNA_P
ClientSampleId :
ICVBP013123



Tgt Ion: 82 Resp: 1203148
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 17.1 13.9 20.9

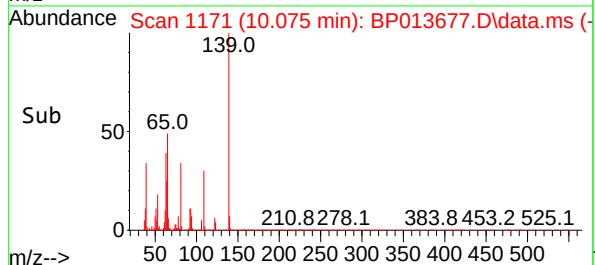
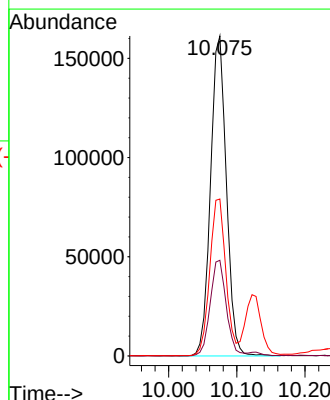
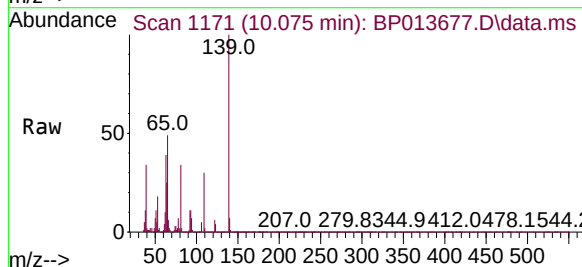
Manual Integrations
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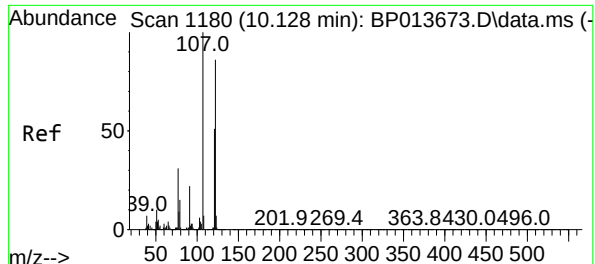
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#26
2-Nitrophenol
Concen: 39.244 ng
RT: 10.075 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

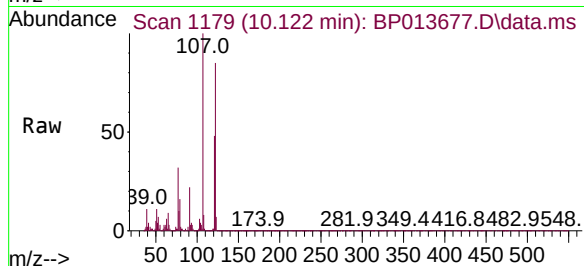
Tgt Ion:139 Resp: 260166
Ion Ratio Lower Upper
139 100
109 29.9 22.7 34.1
65 49.0 38.8 58.2





#27
2,4-Dimethylphenol
Concen: 40.713 ng
RT: 10.122 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

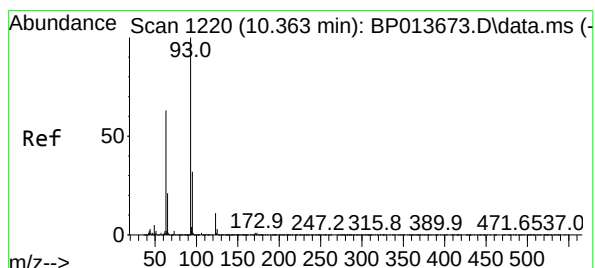
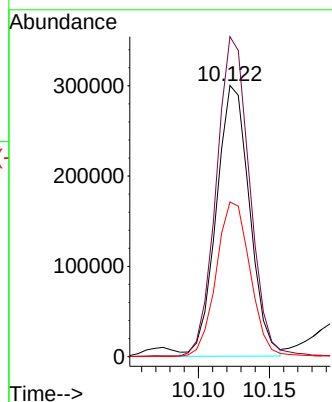
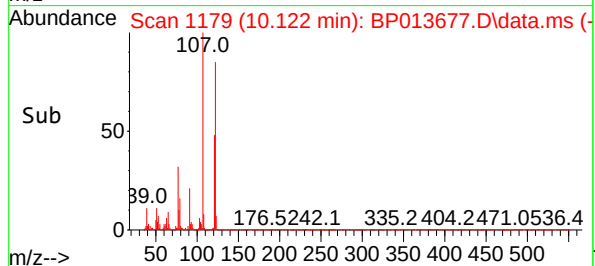
Instrument :
BNA_P
ClientSampleId :
ICVBP013123



Tgt Ion:122 Resp: 487328
Ion Ratio Lower Upper
122 100
107 118.0 93.0 139.6
121 57.0 47.0 70.4

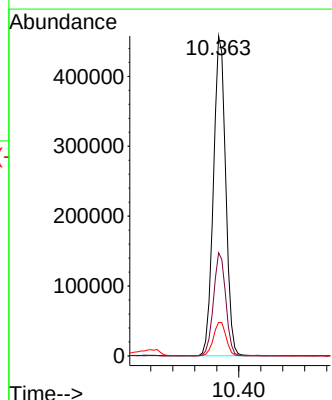
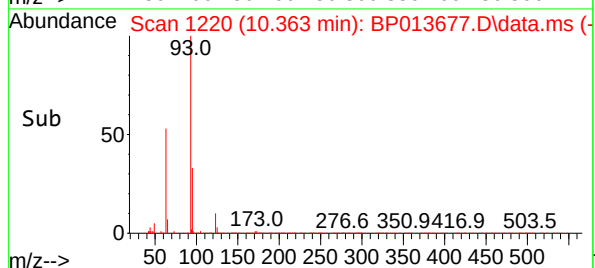
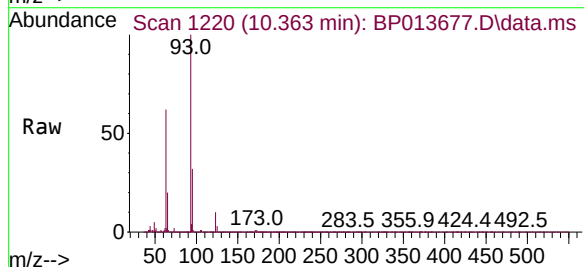
Manual Integrations
APPROVED

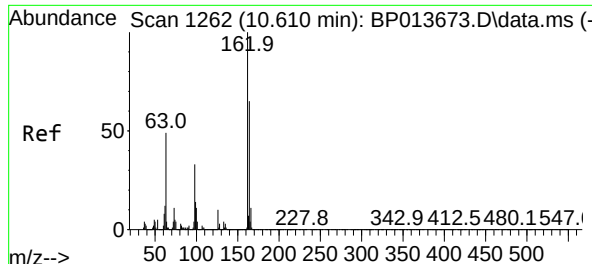
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#28
bis(2-Chloroethoxy)methane
Concen: 39.798 ng
RT: 10.363 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

Tgt Ion: 93 Resp: 707500
Ion Ratio Lower Upper
93 100
95 32.2 26.0 39.0
123 10.5 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 41.196 ng

RT: 10.610 min Scan# 1262

Delta R.T. 0.000 min

Lab File: BP013677.D

Acq: 31 Jan 2023 17:04

Instrument :

BNA_P

ClientSampleId :

ICVBP013123

Tgt Ion:162 Resp: 53672

Ion Ratio Lower Upper

162 100

164 66.2 44.8 84.8

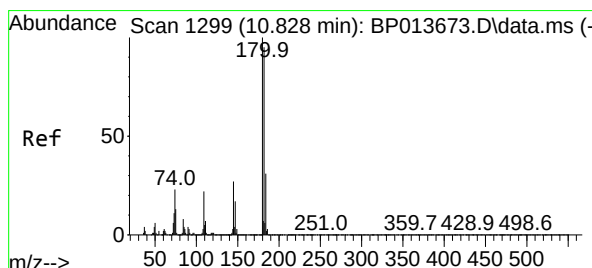
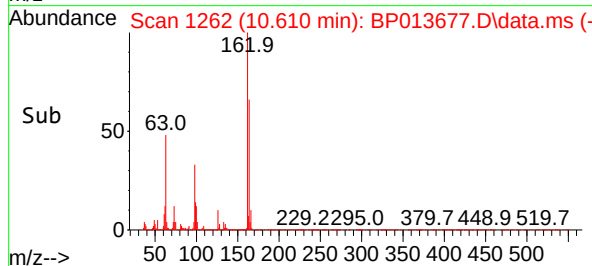
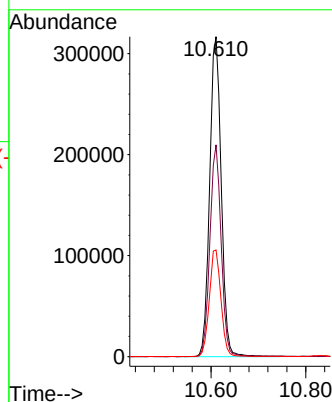
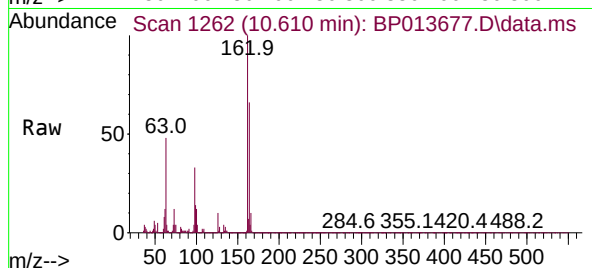
98 33.4 13.4 53.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#30

1,2,4-Trichlorobenzene

Concen: 41.108 ng

RT: 10.828 min Scan# 1299

Delta R.T. 0.000 min

Lab File: BP013677.D

Acq: 31 Jan 2023 17:04

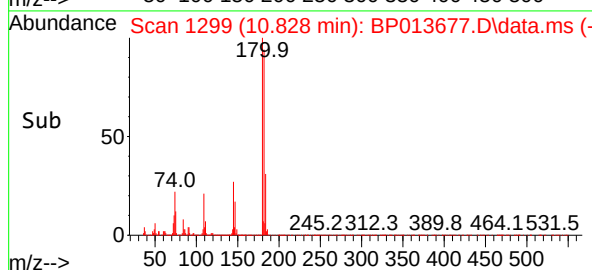
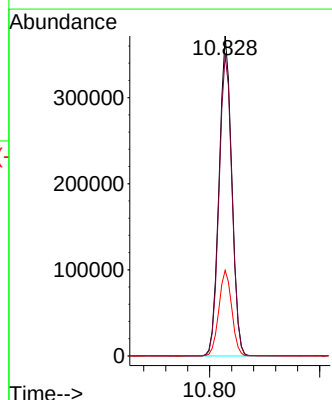
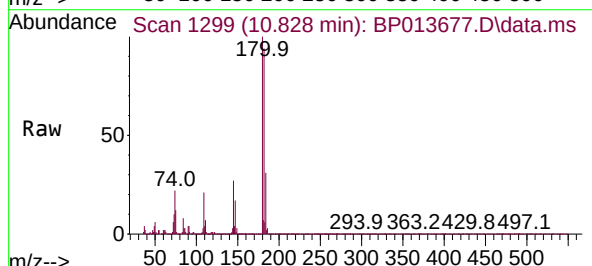
Tgt Ion:180 Resp: 594262

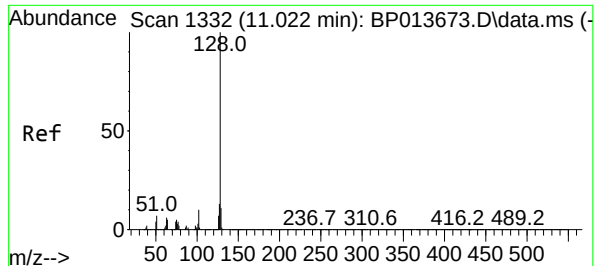
Ion Ratio Lower Upper

180 100

182 94.0 76.4 114.6

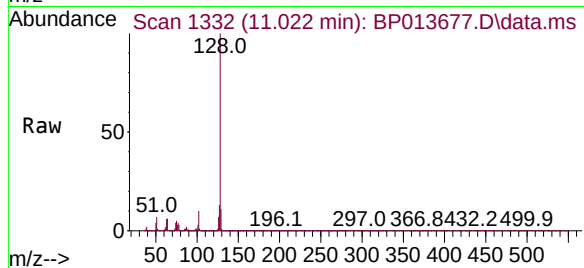
145 26.7 21.9 32.9





#31
Naphthalene
Concen: 39.863 ng
RT: 11.022 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

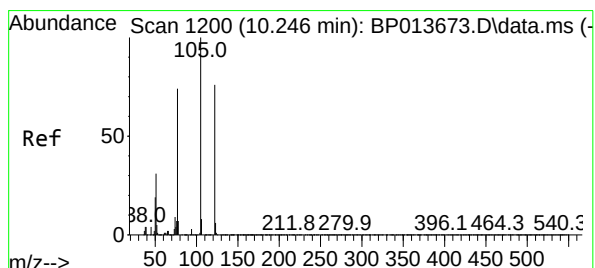
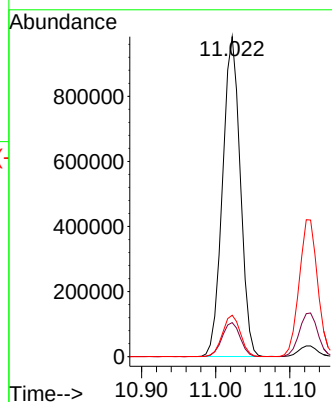
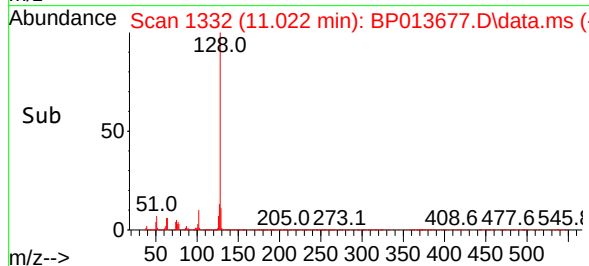
Instrument :
BNA_P
ClientSampleId :
ICVBP013123



Tgt Ion:128 Resp: 1631599
Ion Ratio Lower Upper
128 100
129 10.6 8.6 12.8
127 13.0 10.5 15.7

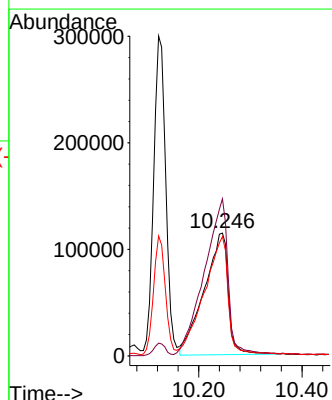
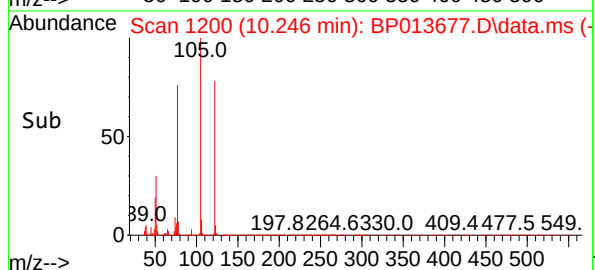
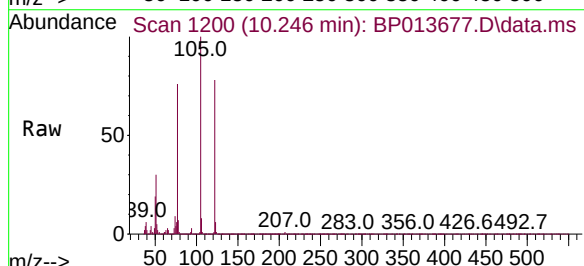
Manual Integrations
APPROVED

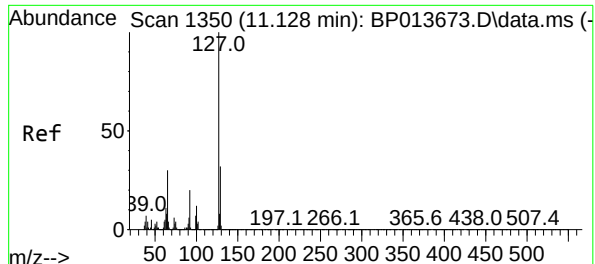
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#32
Benzoic acid
Concen: 39.559 ng
RT: 10.246 min Scan# 1200
Delta R.T. -0.000 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

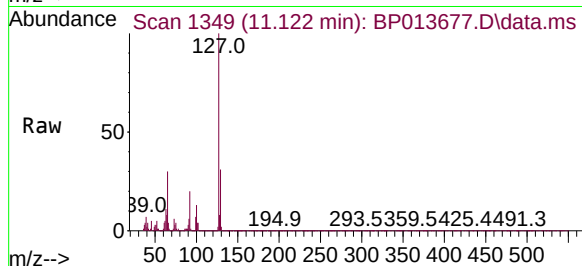
Tgt Ion:122 Resp: 371544
Ion Ratio Lower Upper
122 100
105 127.9 105.5 145.5
77 97.1 74.7 114.7





#33
4-Chloroaniline
Concen: 40.768 ng
RT: 11.122 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

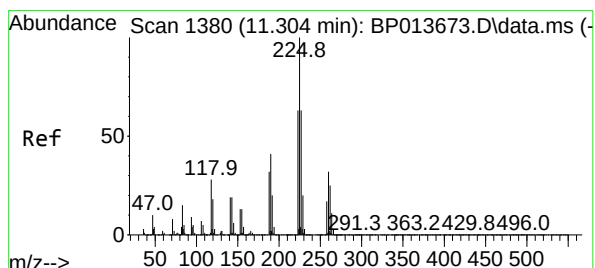
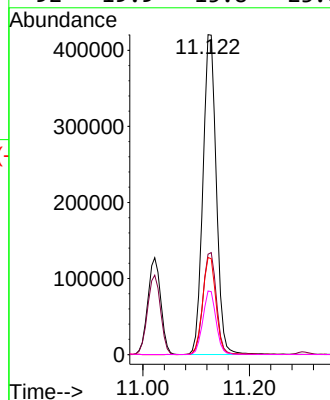
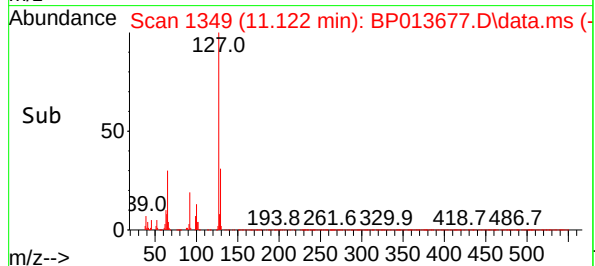
Instrument :
BNA_P
ClientSampleId :
ICVBP013123



Tgt Ion:127 Resp: 733184
Ion Ratio Lower Upper
127 100
129 31.4 25.3 37.9
65 30.3 23.8 35.8
92 19.9 15.8 23.6

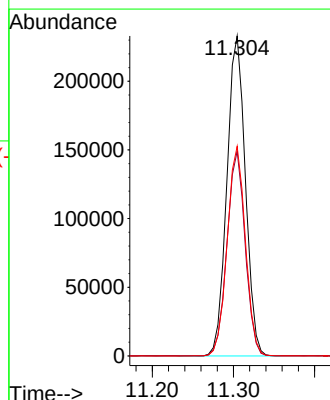
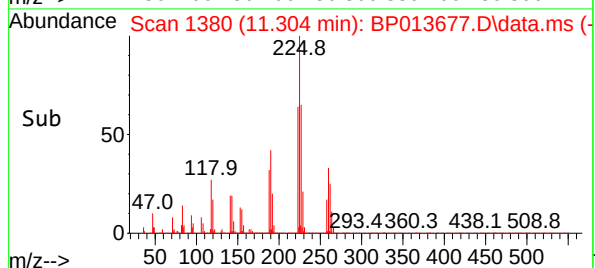
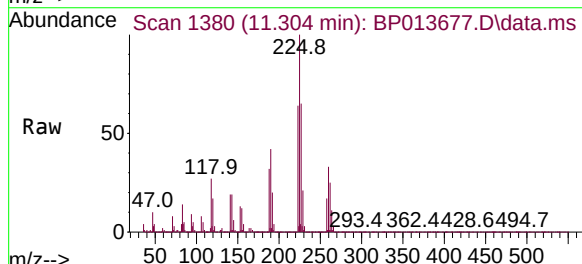
Manual Integrations
APPROVED

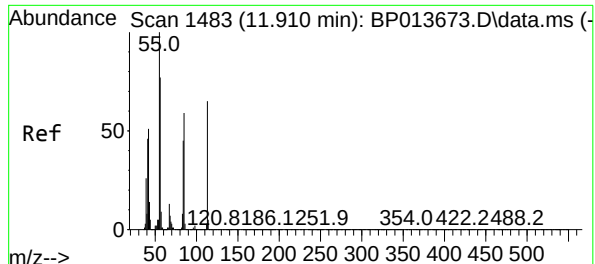
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#34
Hexachlorobutadiene
Concen: 40.111 ng
RT: 11.304 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

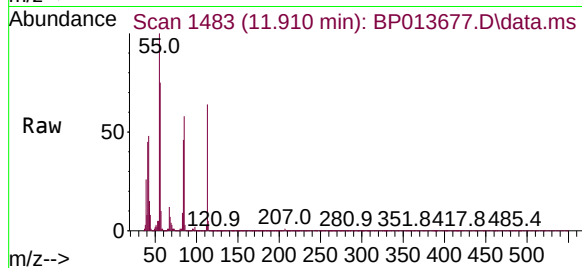
Tgt Ion:225 Resp: 368081
Ion Ratio Lower Upper
225 100
223 63.9 50.5 75.7
227 65.5 50.6 75.8





#35
Caprolactam
Concen: 40.217 ng
RT: 11.910 min Scan# 1483
Delta R.T. 0.000 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

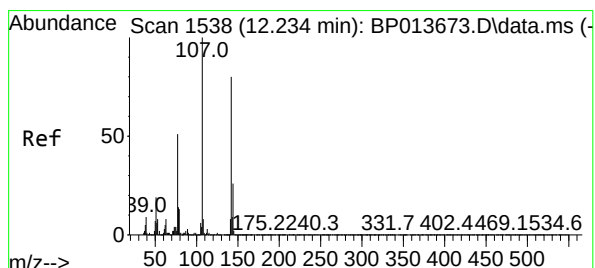
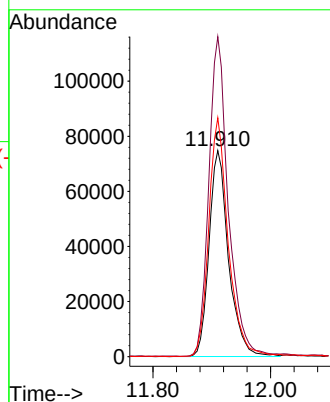
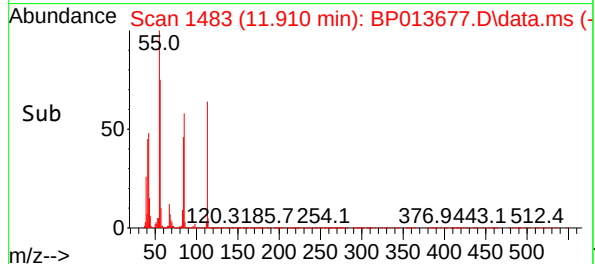
Instrument :
BNA_P
ClientSampleId :
ICVBP013123



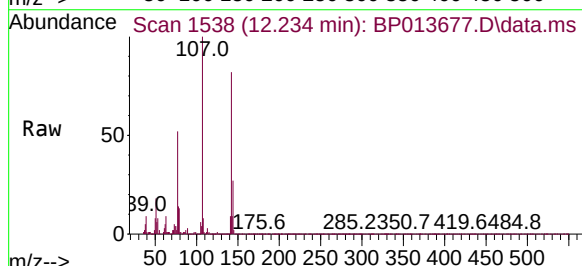
Tgt Ion:113 Resp: 172075
Ion Ratio Lower Upper
113 100
55 155.3 133.0 173.0
56 115.9 97.4 137.4

Manual Integrations
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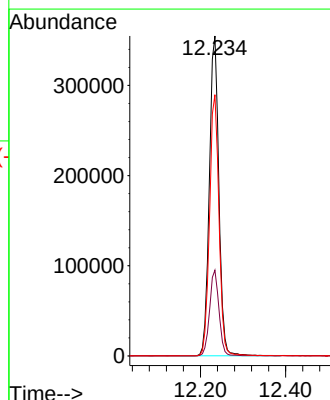
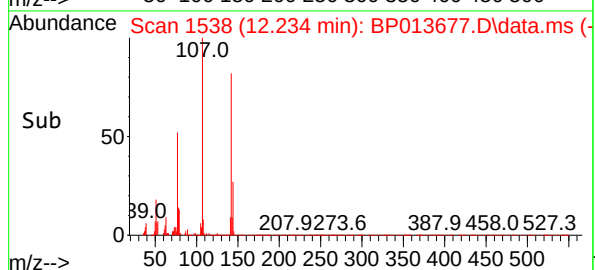
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

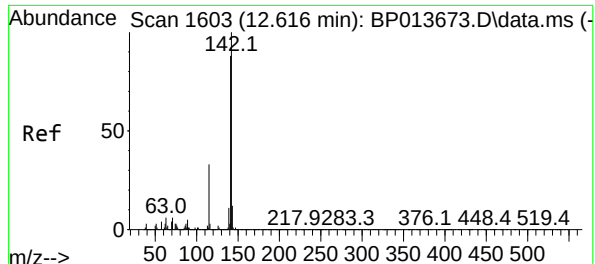


#36
4-Chloro-3-methylphenol
Concen: 40.148 ng
RT: 12.234 min Scan# 1538
Delta R.T. 0.000 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04



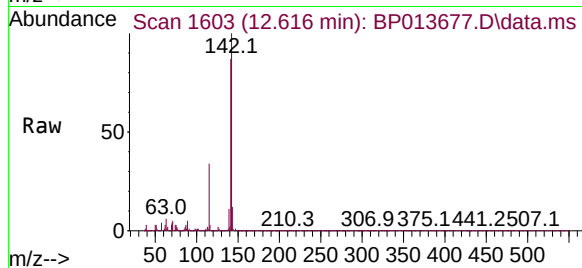
Tgt Ion:107 Resp: 550213
Ion Ratio Lower Upper
107 100
144 26.8 20.8 31.2
142 81.6 64.0 96.0





#37
2-Methylnaphthalene
Concen: 39.987 ng
RT: 12.616 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

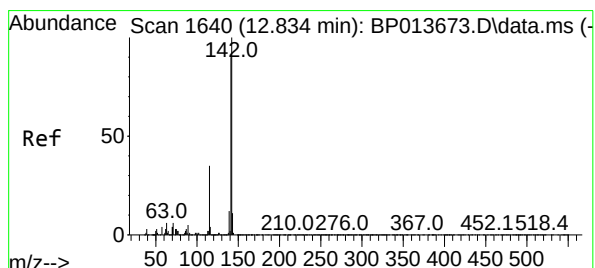
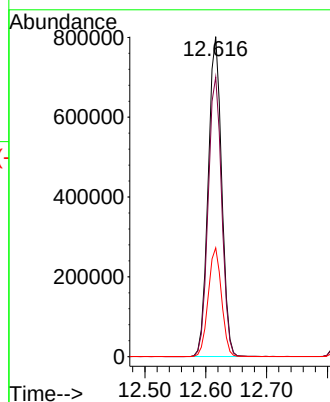
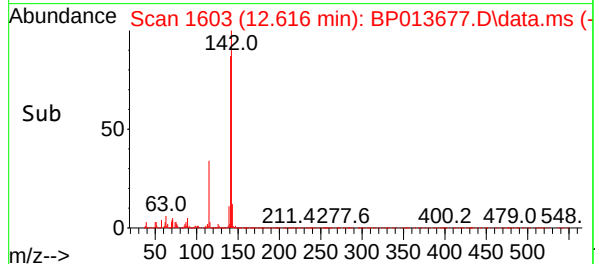
Instrument :
BNA_P
ClientSampleId :
ICVBP013123



Tgt Ion:142 Resp: 1230602
Ion Ratio Lower Upper
142 100
141 87.4 70.3 105.5
115 34.0 26.4 39.6

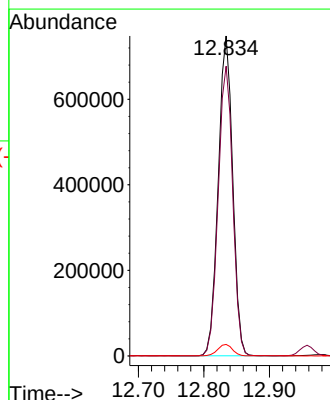
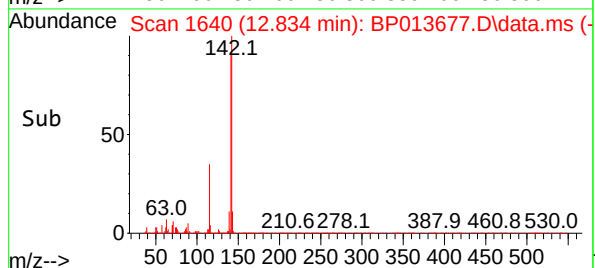
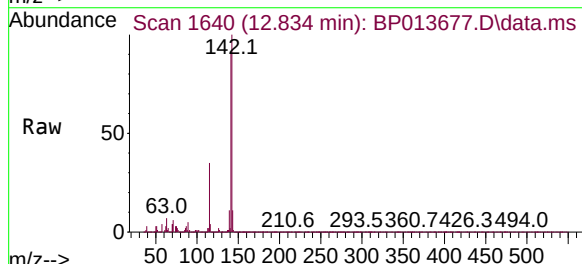
Manual Integrations
APPROVED

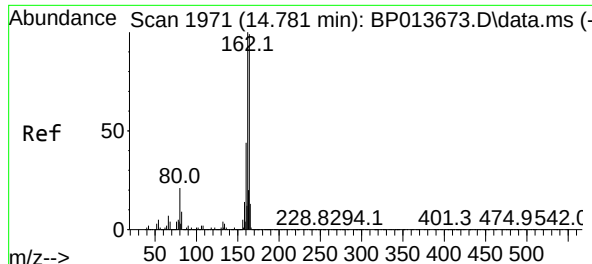
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#38
1-Methylnaphthalene
Concen: 39.717 ng
RT: 12.834 min Scan# 1640
Delta R.T. 0.000 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

Tgt Ion:142 Resp: 1148180
Ion Ratio Lower Upper
142 100
141 90.5 72.2 108.4
116 3.6 3.0 4.4





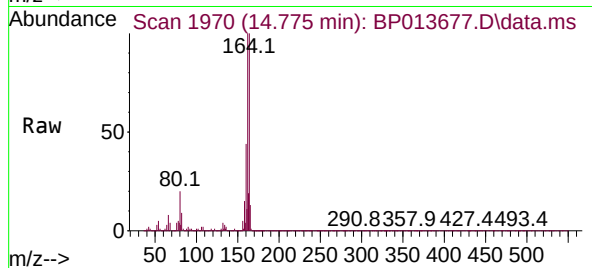
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.775 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

Instrument :

BNA_P

Client Sample Id :

ICVBP013123

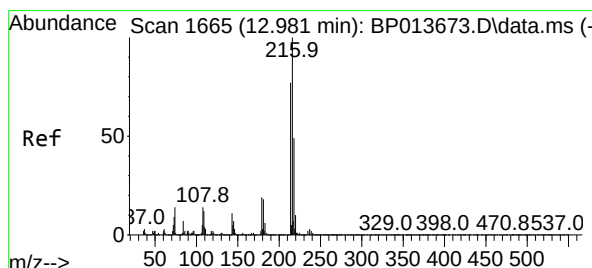
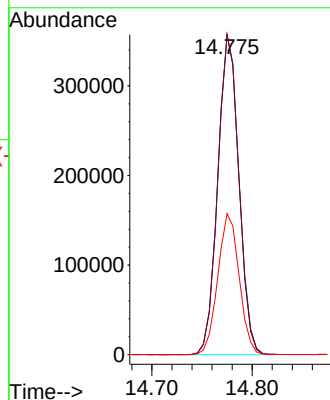
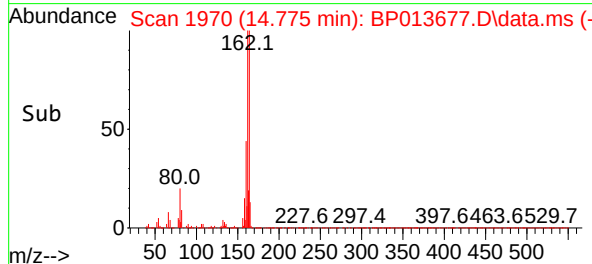


Tgt Ion:164 Resp: 521017
Ion Ratio Lower Upper
164 100
162 100.1 80.8 121.2
160 44.1 35.6 53.4

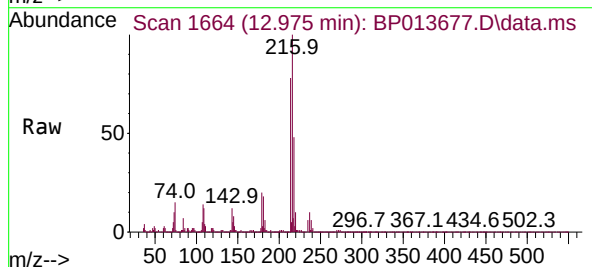
Manual Integrations

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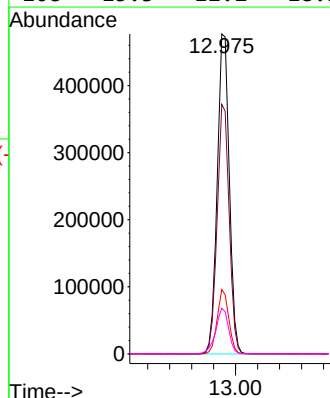
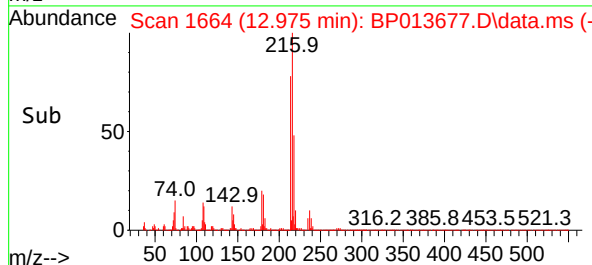
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

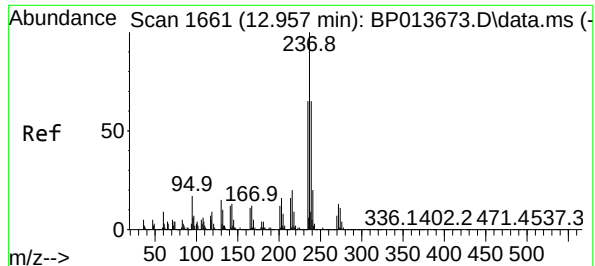


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.720 ng
RT: 12.975 min Scan# 1664
Delta R.T. -0.006 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04



Tgt Ion:216 Resp: 724310
Ion Ratio Lower Upper
216 100
214 77.9 62.6 94.0
179 19.4 15.2 22.8
108 15.3 12.2 18.2





#41

Hexachlorocyclopentadiene

Concen: 41.631 ng

RT: 12.957 min Scan# 1661

Delta R.T. 0.000 min

Lab File: BP013677.D

Acq: 31 Jan 2023 17:04

Instrument :

BNA_P

ClientSampleId :

ICVBP013123

Tgt Ion:237 Resp: 337986

Ion Ratio Lower Upper

237 100

235 61.8 44.6 84.6

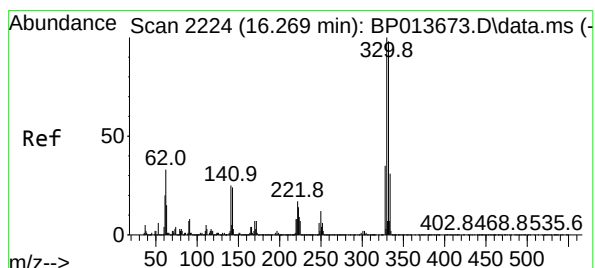
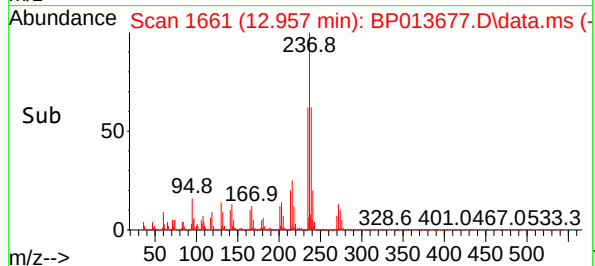
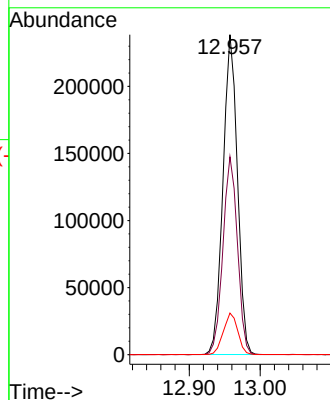
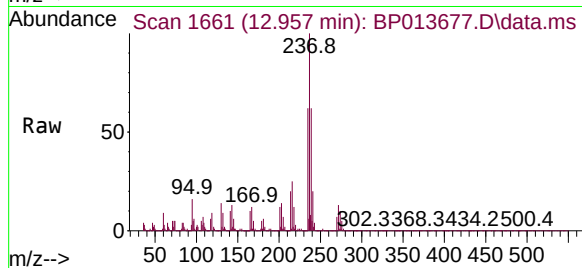
272 13.0 0.0 33.2

Manual Integrations

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Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#42

2,4,6-Tribromophenol

Concen: 84.468 ng

RT: 16.263 min Scan# 2223

Delta R.T. -0.006 min

Lab File: BP013677.D

Acq: 31 Jan 2023 17:04

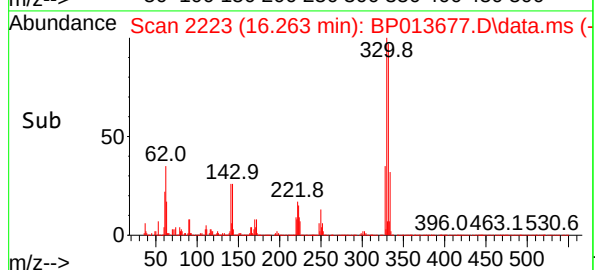
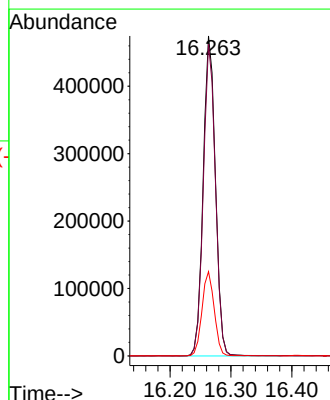
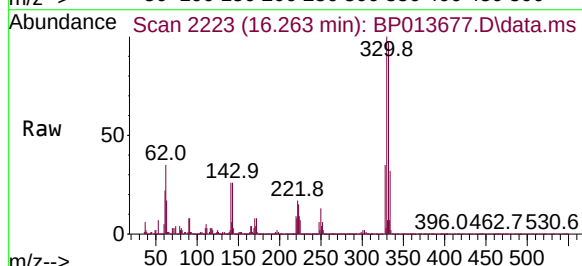
Tgt Ion:330 Resp: 660087

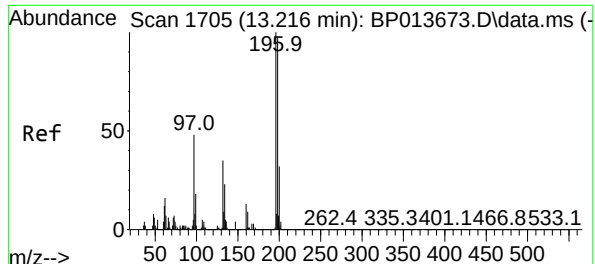
Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.2

141 26.3 21.3 31.9





#43

2,4,6-Trichlorophenol

Concen: 40.869 ng

RT: 13.210 min Scan# 1704

Delta R.T. -0.006 min

Lab File: BP013677.D

Acq: 31 Jan 2023 17:04

Instrument :

BNA_P

ClientSampleId :

ICVBP013123

Tgt Ion:196 Resp: 478690

Ion Ratio Lower Upper

196 100

198 97.4 77.5 116.3

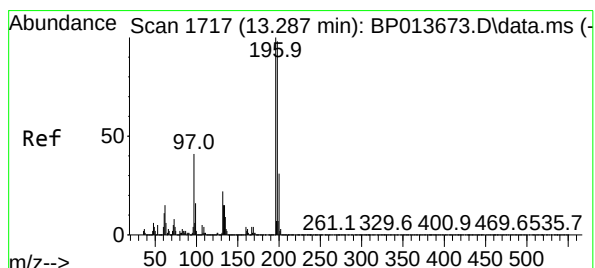
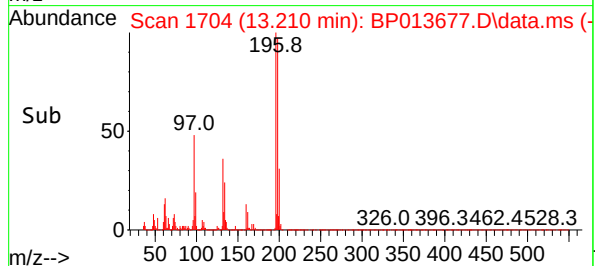
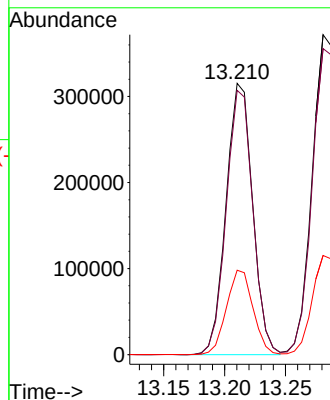
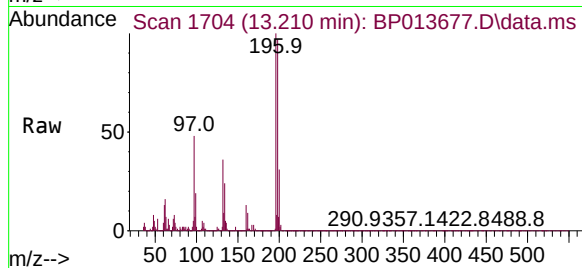
200 31.1 25.3 37.9

Manual Integrations

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Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#44

2,4,5-Trichlorophenol

Concen: 41.409 ng

RT: 13.281 min Scan# 1716

Delta R.T. -0.006 min

Lab File: BP013677.D

Acq: 31 Jan 2023 17:04

Tgt Ion:196 Resp: 567879

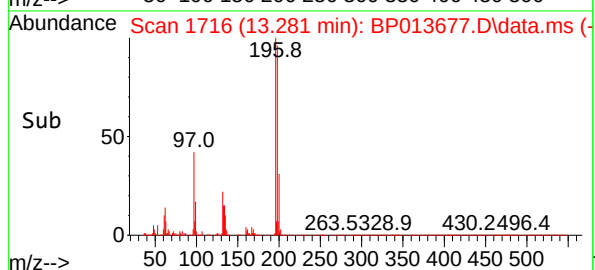
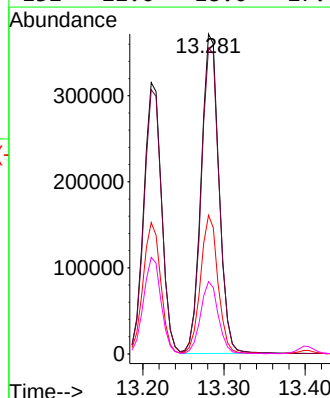
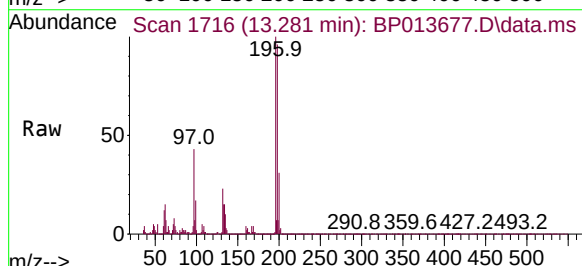
Ion Ratio Lower Upper

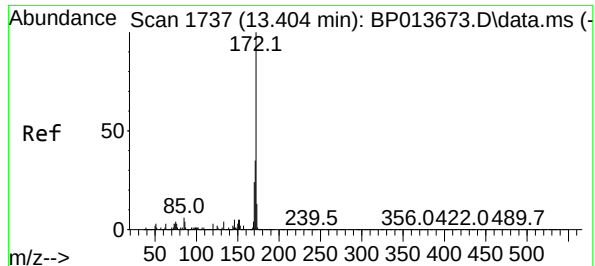
196 100

198 95.6 78.2 117.2

97 43.3 33.2 49.8

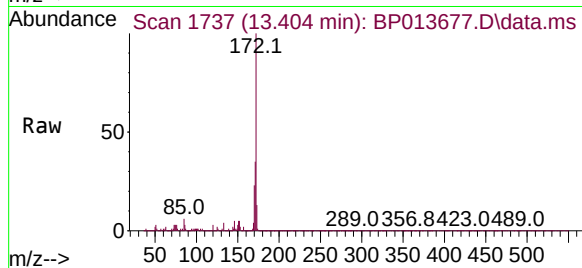
132 22.6 18.0 27.0





#45
2-Fluorobiphenyl
Concen: 80.872 ng
RT: 13.404 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

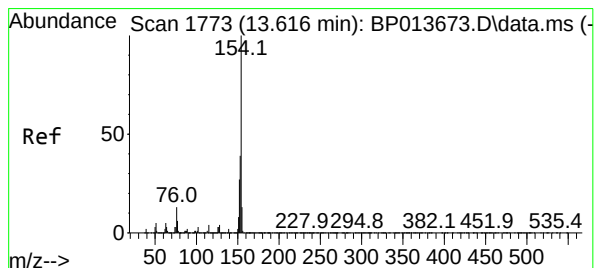
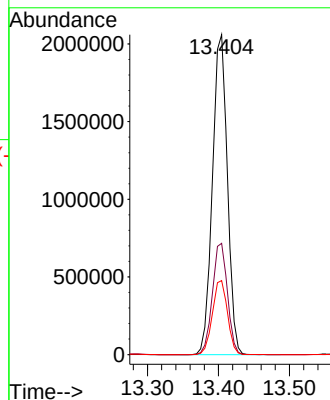
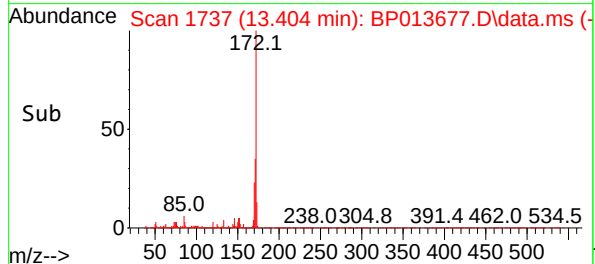
Instrument :
BNA_P
ClientSampleId :
ICVBP013123



Tgt Ion:172 Resp: 3011263
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.1 19.0 28.4

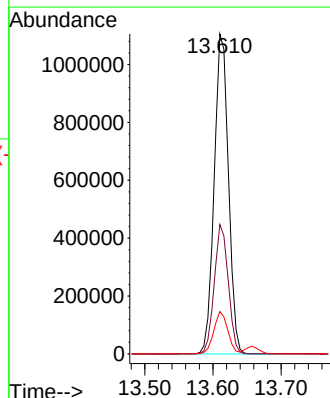
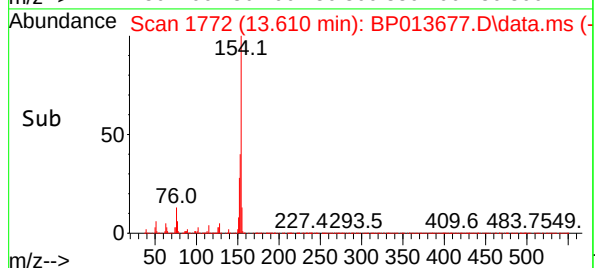
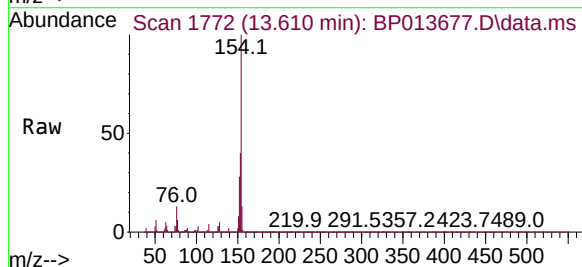
Manual Integrations
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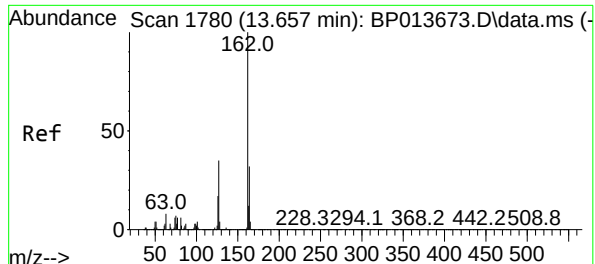
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#46
1,1'-Biphenyl
Concen: 40.461 ng
RT: 13.610 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

Tgt Ion:154 Resp: 1595269
Ion Ratio Lower Upper
154 100
153 40.4 19.3 59.3
76 13.2 0.0 33.1





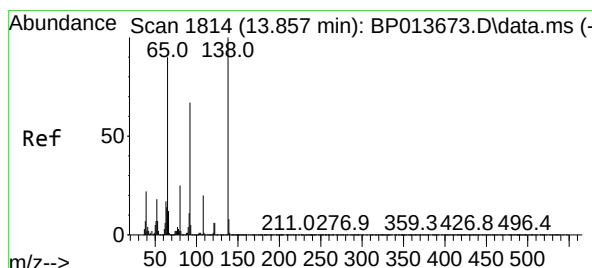
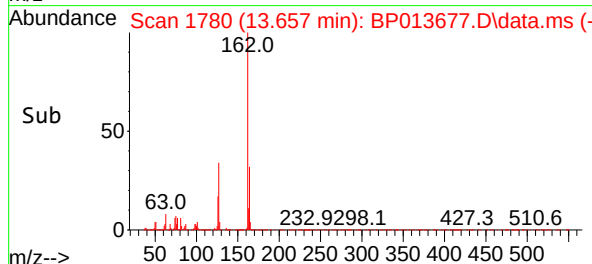
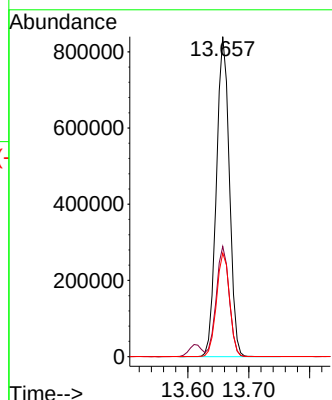
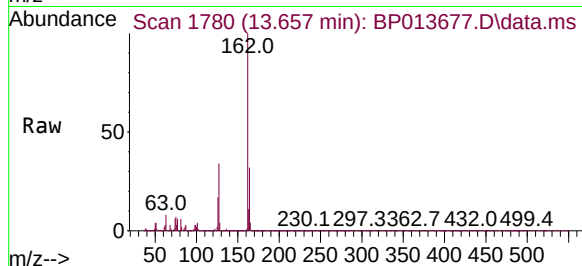
#47
2-Chloronaphthalene
Concen: 40.788 ng
RT: 13.657 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

Instrument :
BNA_P
ClientSampleId :
ICVBP013123

Tgt Ion: 162 Resp: 124308
Ion Ratio Lower Upper
162 100
127 34.4 28.3 42.5
164 32.3 25.9 38.9

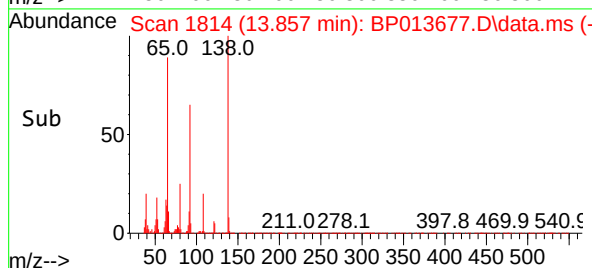
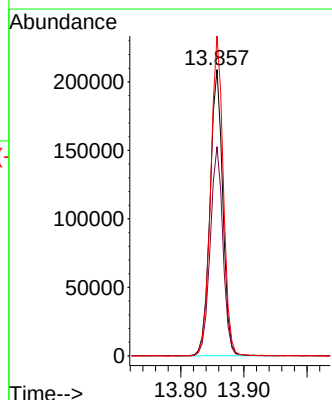
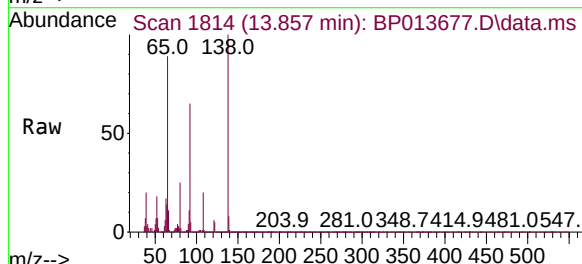
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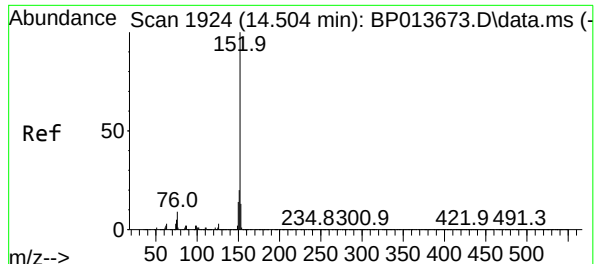
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#48
2-Nitroaniline
Concen: 39.177 ng
RT: 13.857 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

Tgt Ion: 65 Resp: 292897
Ion Ratio Lower Upper
65 100
92 73.1 59.4 89.0
138 111.8 88.6 133.0





#49

Acenaphthylene

Concen: 40.679 ng

RT: 14.498 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BP013677.D

Acq: 31 Jan 2023 17:04

Instrument :

BNA_P

ClientSampleId :

ICVBP013123

Tgt Ion:152 Resp: 1999269

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.6

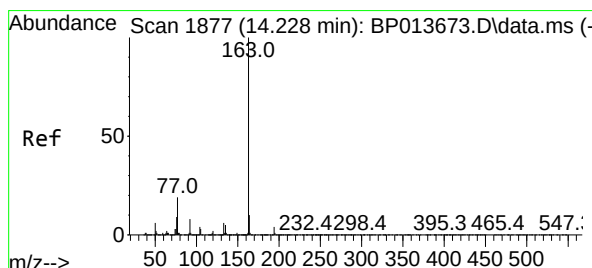
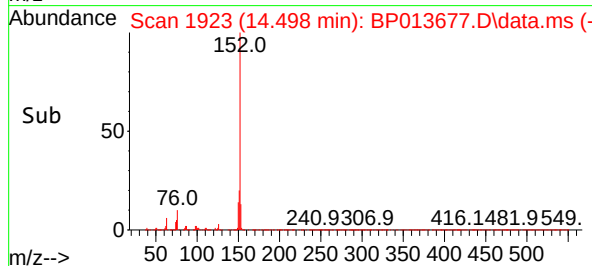
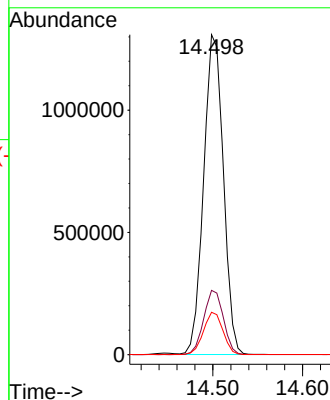
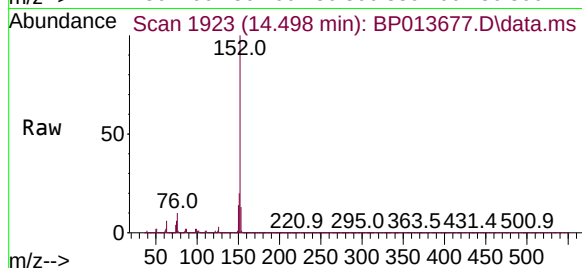
153 13.2 10.4 15.6

Manual Integrations

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Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#50

Dimethylphthalate

Concen: 40.549 ng

RT: 14.228 min Scan# 1877

Delta R.T. -0.000 min

Lab File: BP013677.D

Acq: 31 Jan 2023 17:04

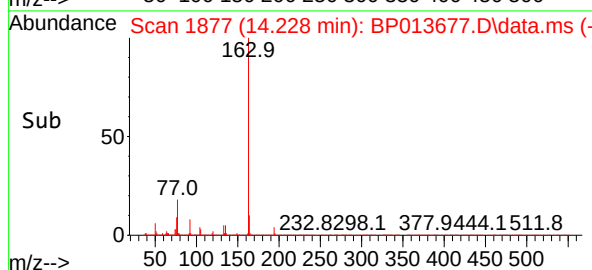
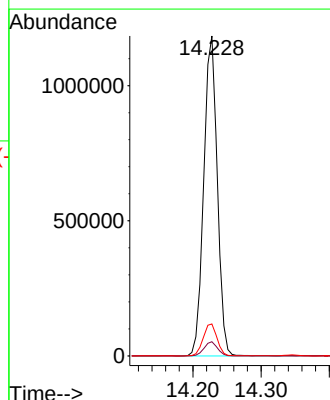
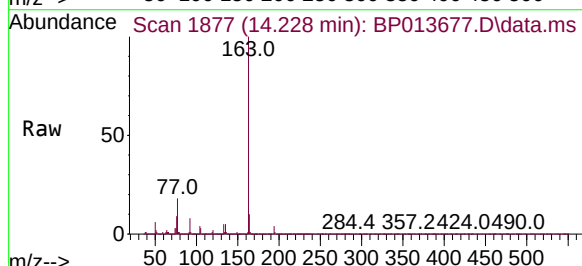
Tgt Ion:163 Resp: 1634098

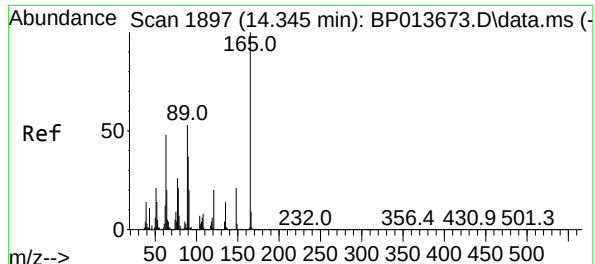
Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

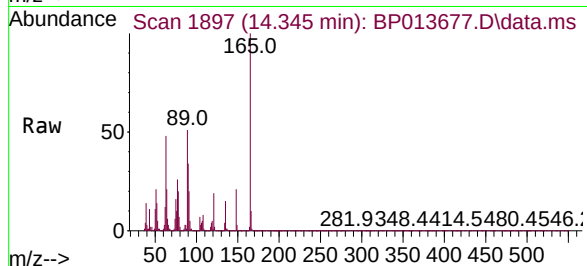
164 10.0 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 40.124 ng
RT: 14.345 min Scan# 1897
Delta R.T. 0.000 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

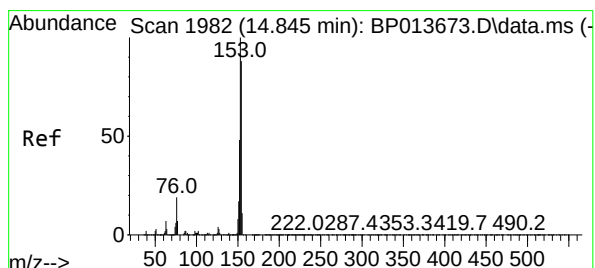
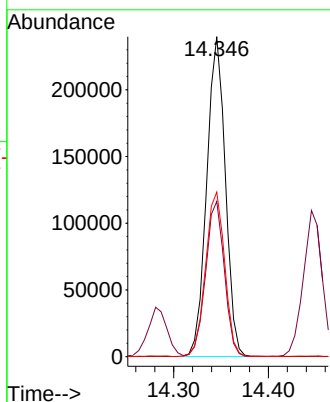
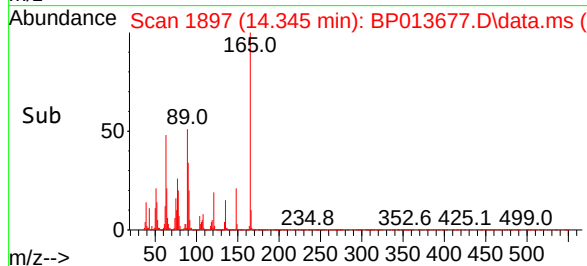
Instrument :
BNA_P
ClientSampleId :
ICVBP013123



Tgt Ion:165 Resp: 327798
Ion Ratio Lower Upper
165 100
63 48.5 39.8 59.6
89 51.4 42.4 63.6

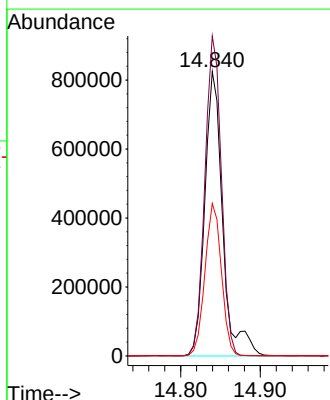
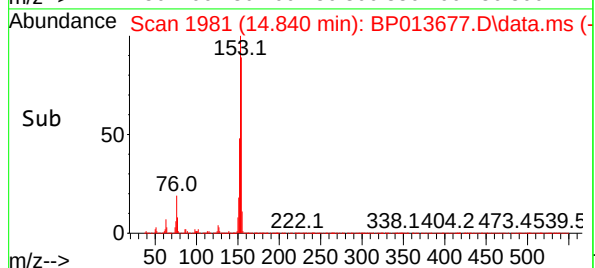
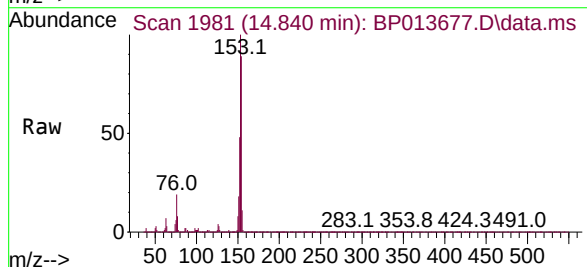
Manual Integrations
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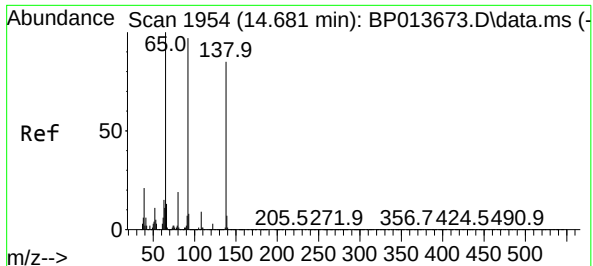
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#52
Acenaphthene
Concen: 40.629 ng m
RT: 14.840 min Scan# 1981
Delta R.T. -0.005 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

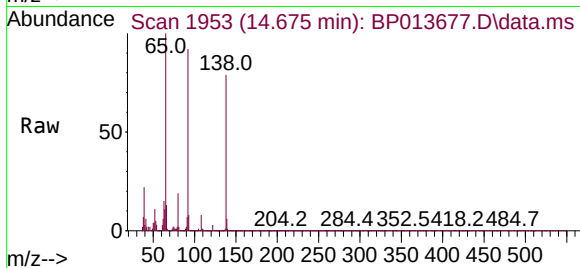
Tgt Ion:154 Resp: 1285541
Ion Ratio Lower Upper
154 100
153 112.6 90.6 135.8
152 53.6 43.4 65.0





#53
3-Nitroaniline
Concen: 40.284 ng
RT: 14.675 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

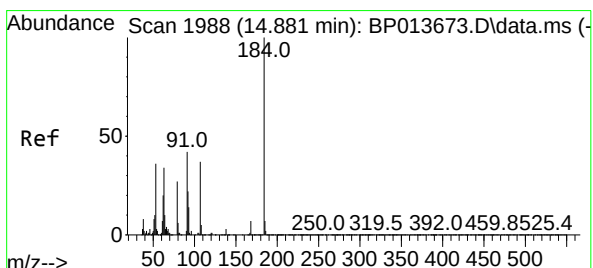
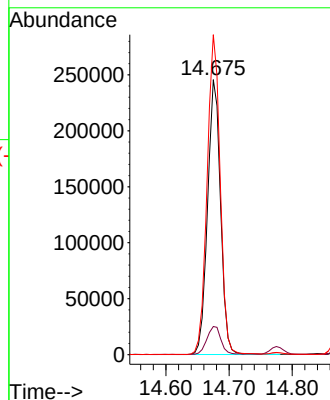
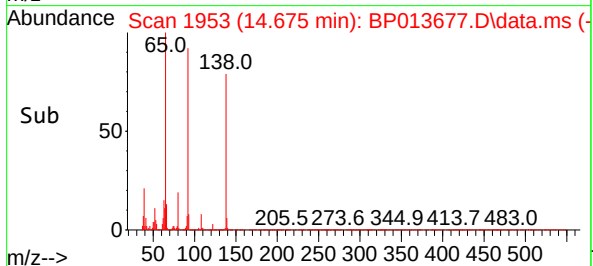
Instrument :
BNA_P
ClientSampleId :
ICVBP013123



Tgt Ion:138 Resp: 349724
Ion Ratio Lower Upper
138 100
108 10.2 8.5 12.7
92 116.3 91.5 137.3

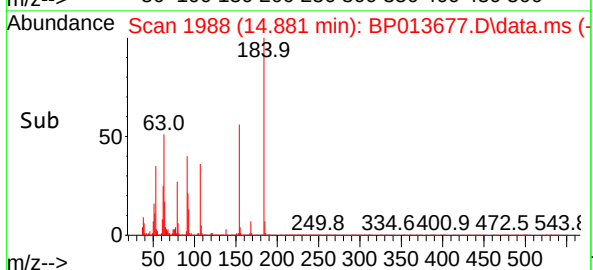
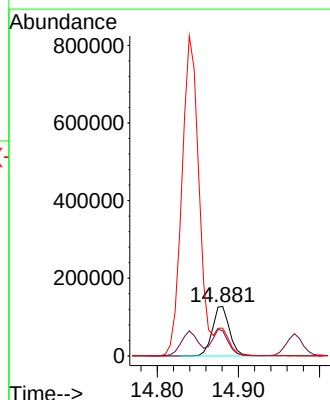
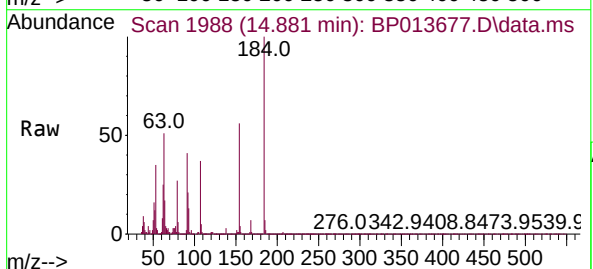
Manual Integrations
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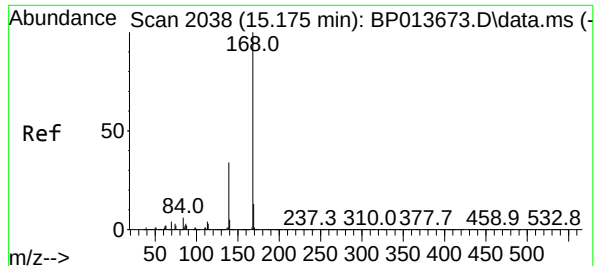
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#54
2,4-Dinitrophenol
Concen: 38.845 ng
RT: 14.881 min Scan# 1988
Delta R.T. -0.000 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

Tgt Ion:184 Resp: 186304
Ion Ratio Lower Upper
184 100
63 50.7 41.4 62.0
154 56.2 44.3 66.5





#55

Dibenzenofuran

Concen: 40.481 ng

RT: 15.175 min Scan# 2003

Delta R.T. -0.000 min

Lab File: BP013677.D

Acq: 31 Jan 2023 17:04

Instrument :

BNA_P

ClientSampleId :

ICVBP013123

Tgt Ion:168 Resp: 2004576

Ion Ratio Lower Upper

168 100

139 33.4 27.4 41.2

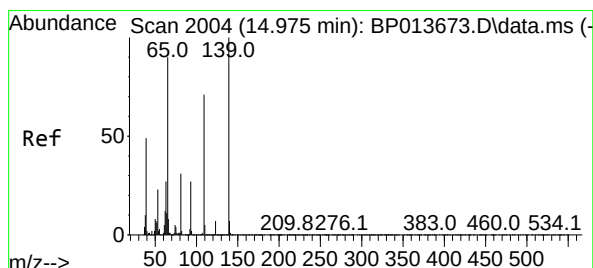
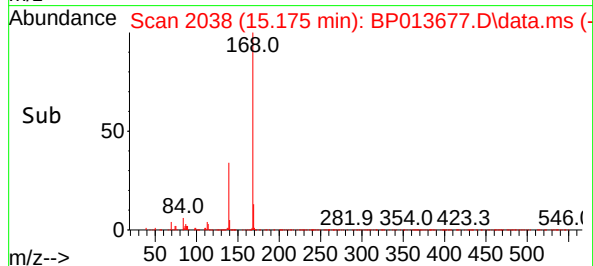
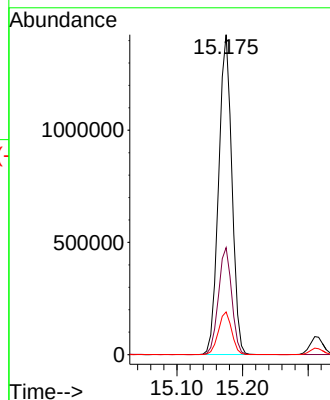
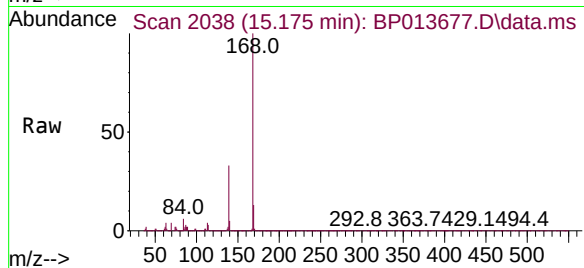
169 13.3 10.7 16.1

Manual Integrations

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Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#56

4-Nitrophenol

Concen: 43.049 ng

RT: 14.969 min Scan# 2003

Delta R.T. -0.006 min

Lab File: BP013677.D

Acq: 31 Jan 2023 17:04

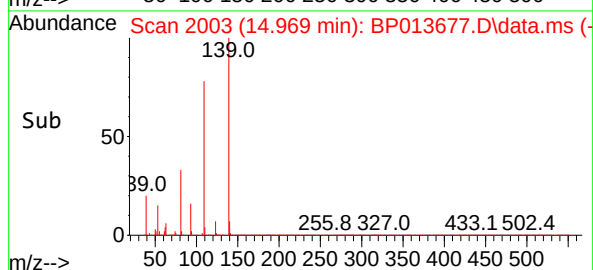
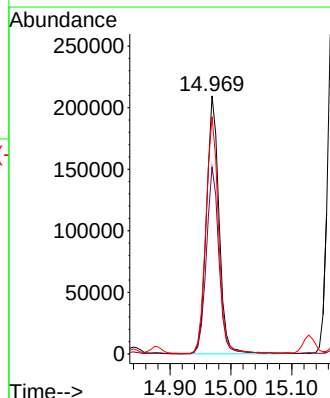
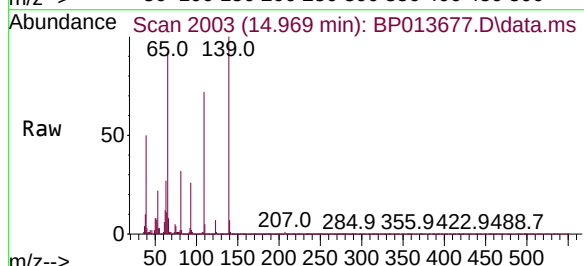
Tgt Ion:139 Resp: 300789

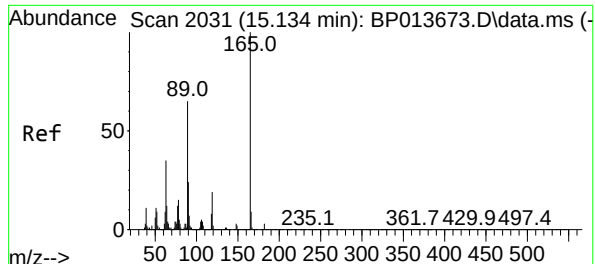
Ion Ratio Lower Upper

139 100

109 72.4 50.9 90.9

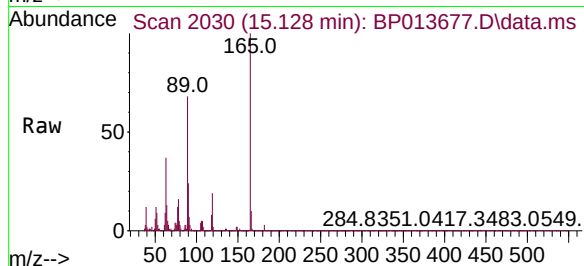
65 91.9 70.0 110.0





#57
2,4-Dinitrotoluene
Concen: 39.598 ng
RT: 15.128 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

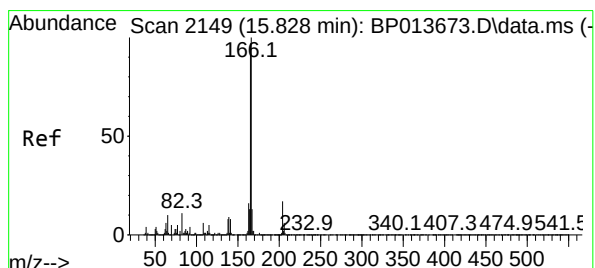
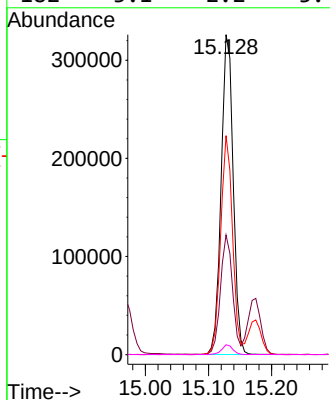
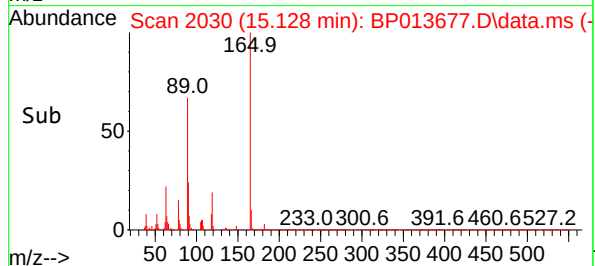
Instrument :
BNA_P
Client Sample Id :
ICVBP013123



Tgt Ion:165 Resp: 431307
Ion Ratio Lower Upper
165 100
63 37.4 28.1 42.1
89 68.4 52.0 78.0
182 3.1 2.2 3.4

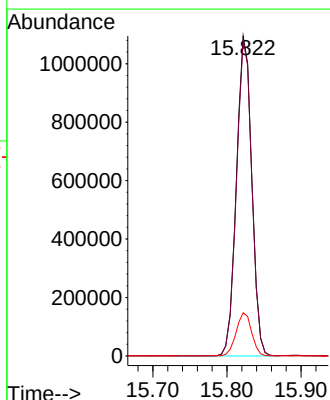
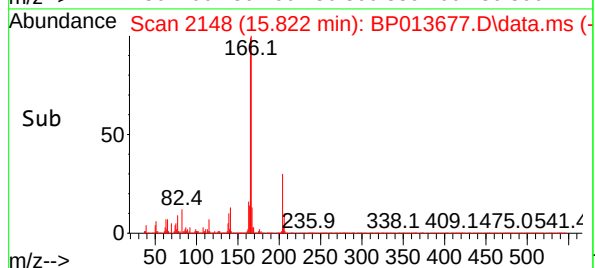
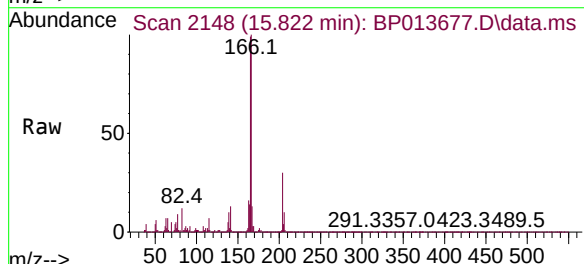
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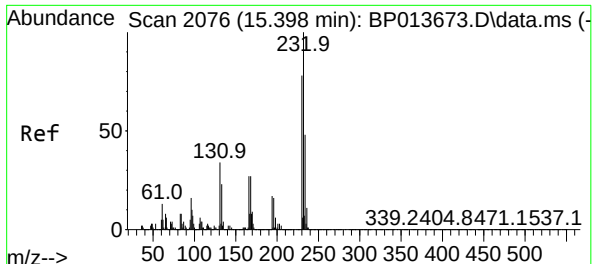
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#58
Fluorene
Concen: 40.424 ng
RT: 15.822 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

Tgt Ion:166 Resp: 1571613
Ion Ratio Lower Upper
166 100
165 98.6 77.6 116.4
167 13.5 10.6 15.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.741 ng

RT: 15.398 min Scan# 2076

Delta R.T. 0.000 min

Lab File: BP013677.D

Acq: 31 Jan 2023 17:04

Instrument :

BNA_P

ClientSampleId :

ICVBP013123

Tgt Ion:232 Resp: 497751

Ion Ratio Lower Upper

232 100

131 34.5 27.9 41.9

130 1.9 1.4 2.0

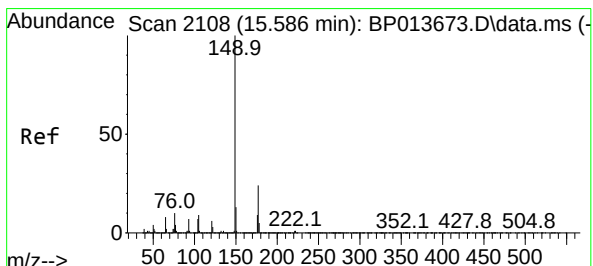
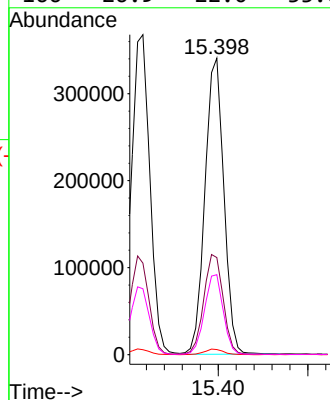
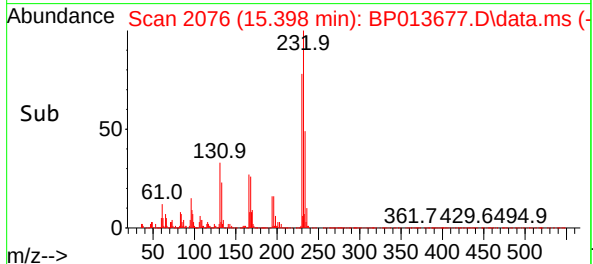
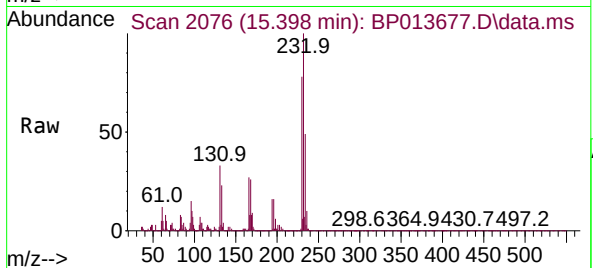
166 26.9 22.0 33.0

Manual Integrations

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Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#60

Diethylphthalate

Concen: 40.521 ng

RT: 15.587 min Scan# 2108

Delta R.T. 0.000 min

Lab File: BP013677.D

Acq: 31 Jan 2023 17:04

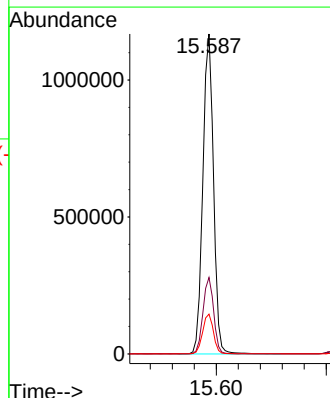
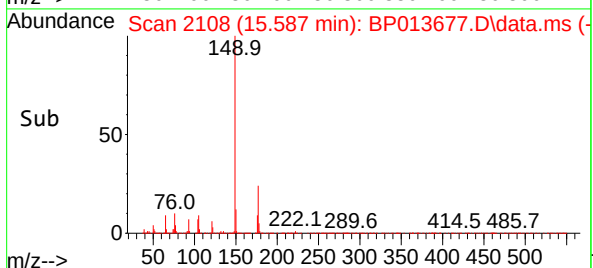
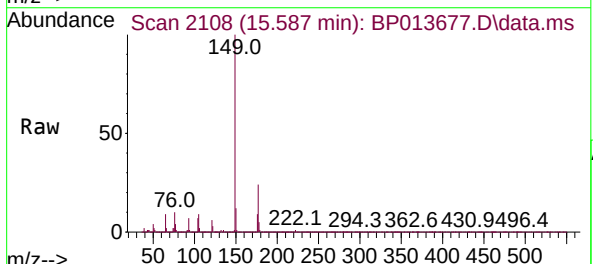
Tgt Ion:149 Resp: 1565452

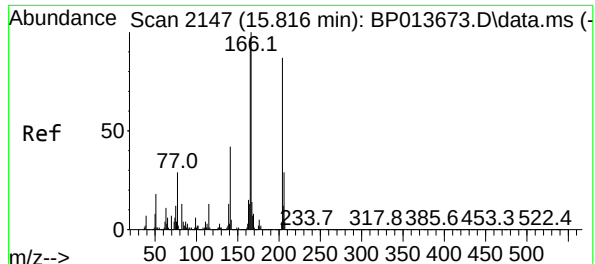
Ion Ratio Lower Upper

149 100

177 23.9 19.2 28.8

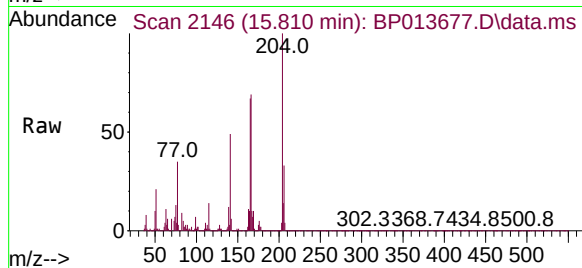
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 40.607 ng
RT: 15.810 min Scan# 2147
Delta R.T. -0.006 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

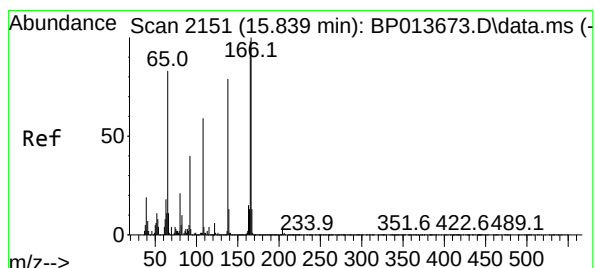
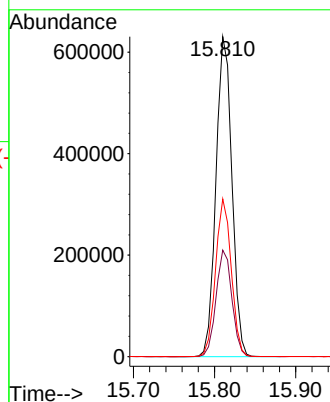
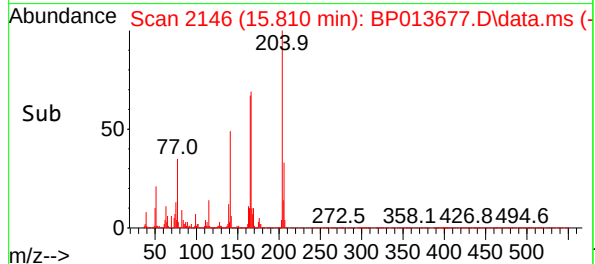
Instrument :
BNA_P
ClientSampleId :
ICVBP013123



Tgt Ion: 204 Resp: 859697
Ion Ratio Lower Upper
204 100
206 33.3 26.6 40.0
141 49.3 38.1 57.1

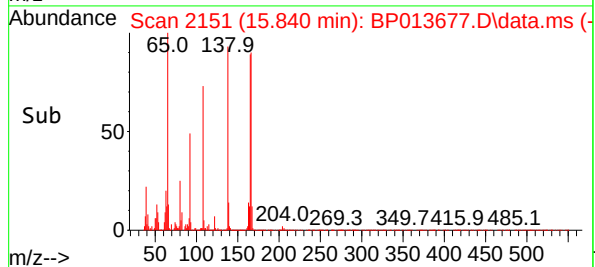
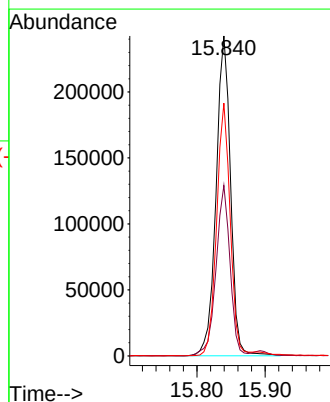
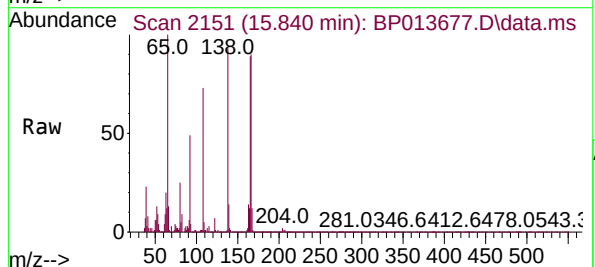
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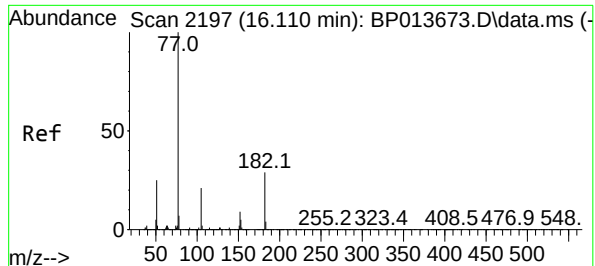
Reviewed By : Christian Giraldo 02/01/2023
Supervised By : Jagrut Upadhyay 02/01/2023



#62
4-Nitroaniline
Concen: 40.916 ng
RT: 15.840 min Scan# 2151
Delta R.T. 0.001 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

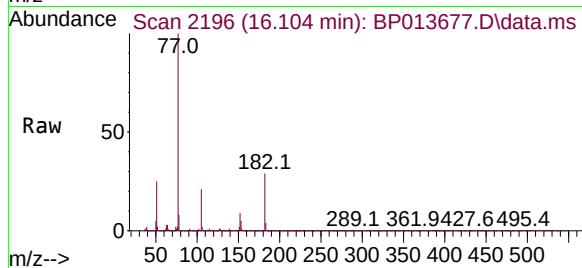
Tgt Ion: 138 Resp: 356714
Ion Ratio Lower Upper
138 100
92 53.3 30.3 70.3
108 79.0 55.4 95.4





#63
Azobenzene
Concen: 40.807 ng
RT: 16.104 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

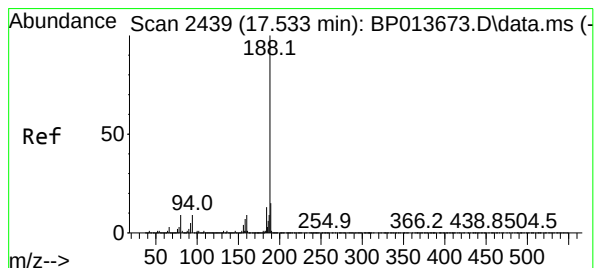
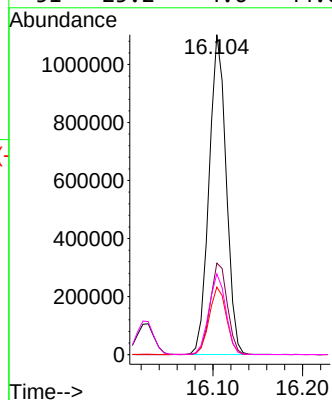
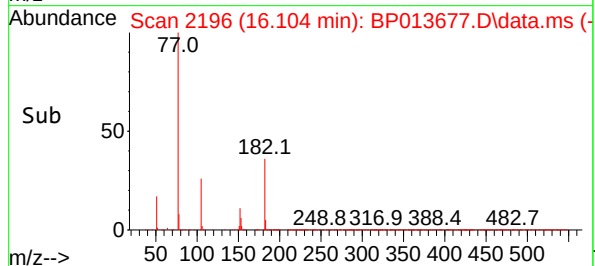
Instrument :
BNA_P
ClientSampleId :
ICVBP013123



Tgt Ion: 77 Resp: 1456316
Ion Ratio Lower Upper
77 100
182 28.6 9.3 49.3
105 21.1 1.1 41.1
51 25.2 4.6 44.6

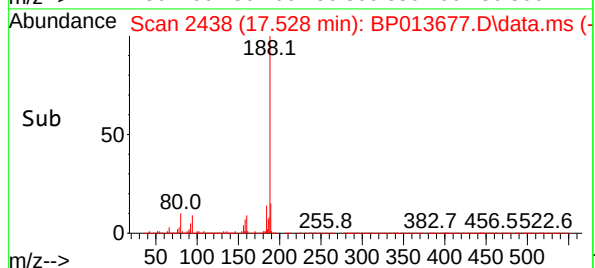
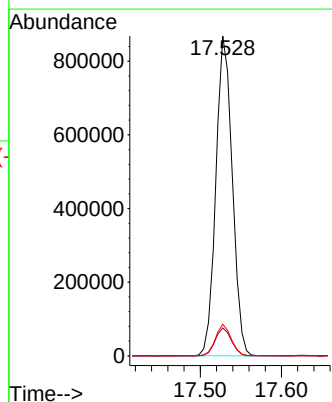
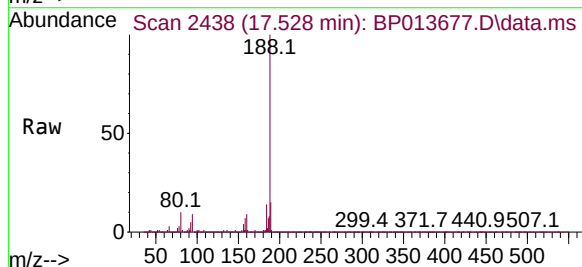
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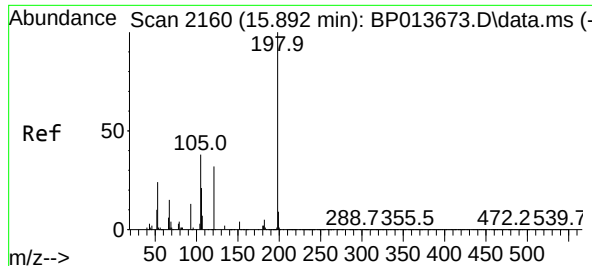
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.528 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

Tgt Ion:188 Resp: 1221175
Ion Ratio Lower Upper
188 100
94 8.7 6.9 10.3
80 9.9 7.4 11.0





#65

4,6-Dinitro-2-methylphenol

Concen: 38.788 ng

RT: 15.892 min Scan# 2160

Delta R.T. 0.000 min

Lab File: BP013677.D

Acq: 31 Jan 2023 17:04

Instrument :

BNA_P

ClientSampleId :

ICVBP013123

Tgt Ion:198 Resp: 265540

Ion Ratio Lower Upper

198 100

51 33.5 15.4 55.4

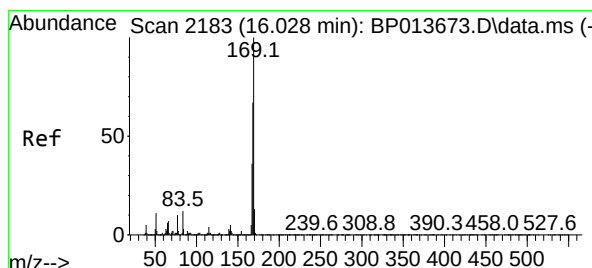
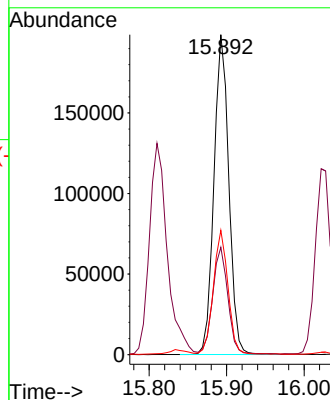
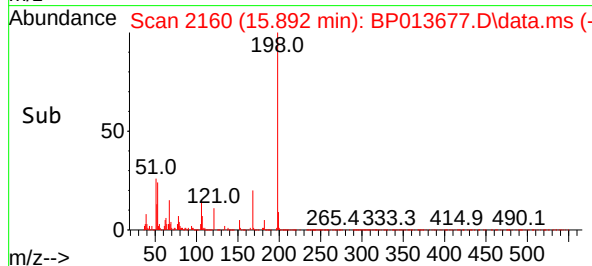
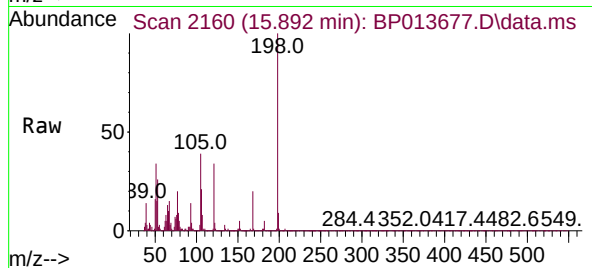
105 38.8 18.3 58.3

Manual Integrations

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Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#66

n-Nitrosodiphenylamine

Concen: 39.855 ng

RT: 16.028 min Scan# 2183

Delta R.T. 0.000 min

Lab File: BP013677.D

Acq: 31 Jan 2023 17:04

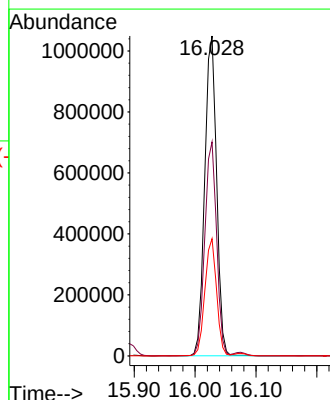
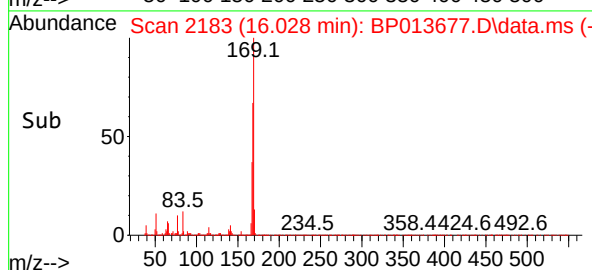
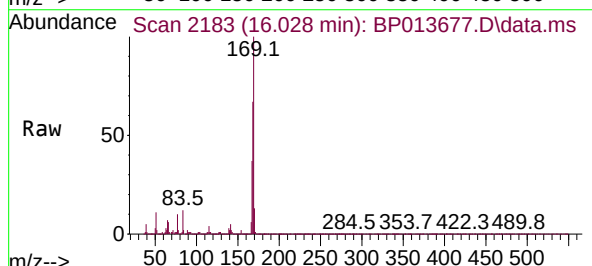
Tgt Ion:169 Resp: 1416115

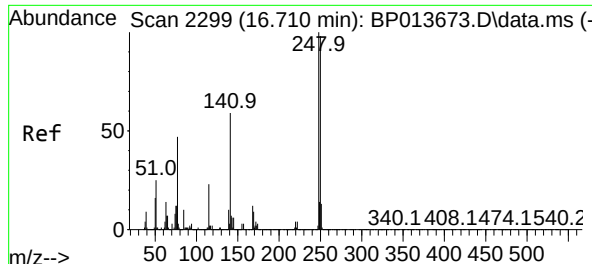
Ion Ratio Lower Upper

169 100

168 66.9 53.8 80.6

167 36.6 28.9 43.3





#67

4-Bromophenyl-phenylether

Concen: 40.538 ng

RT: 16.710 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP013677.D

Acq: 31 Jan 2023 17:04

Instrument :

BNA_P

ClientSampleId :

ICVBP013123

Tgt Ion:248 Resp: 56747

Ion Ratio Lower Upper

248 100

250 96.5 78.2 117.2

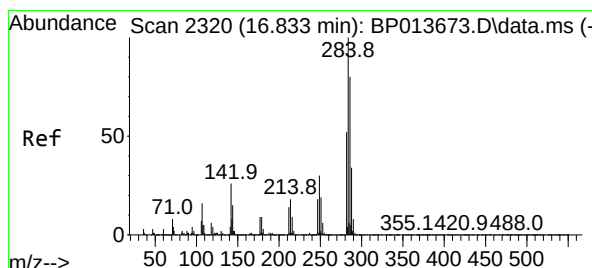
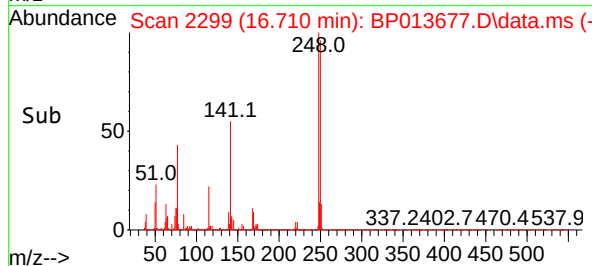
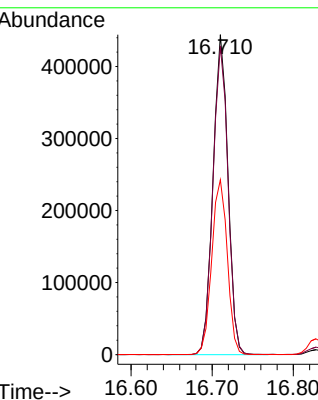
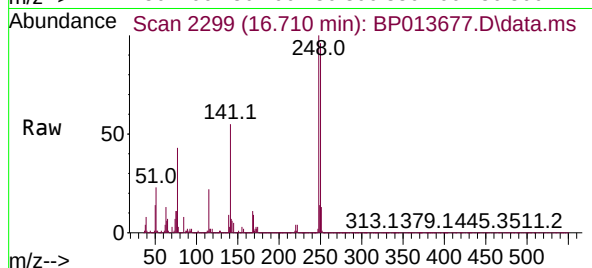
141 54.6 46.8 70.2

Manual Integrations

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Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#68

Hexachlorobenzene

Concen: 40.353 ng

RT: 16.828 min Scan# 2319

Delta R.T. -0.005 min

Lab File: BP013677.D

Acq: 31 Jan 2023 17:04

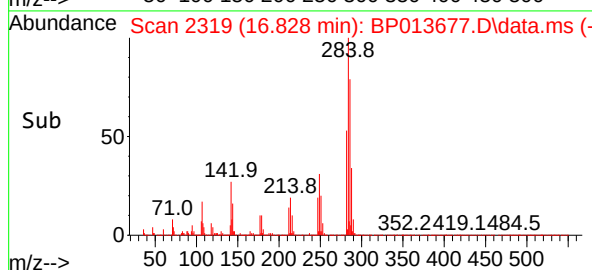
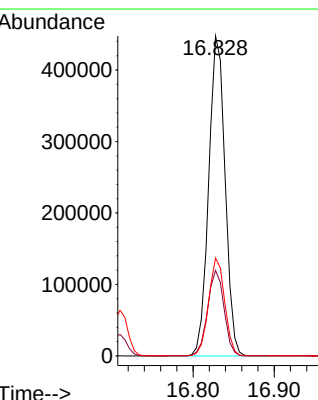
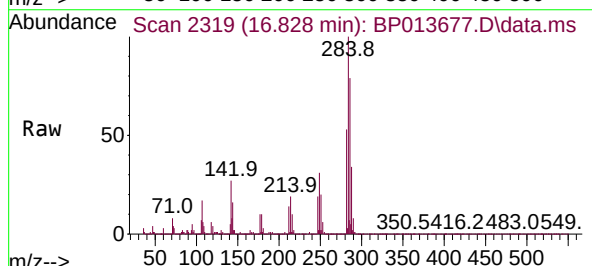
Tgt Ion:284 Resp: 625521

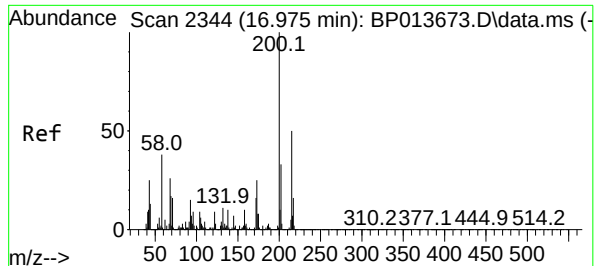
Ion Ratio Lower Upper

284 100

142 26.7 20.6 31.0

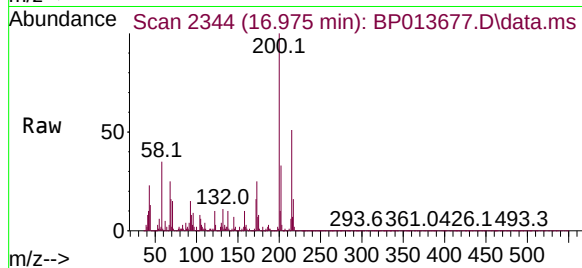
249 30.6 23.9 35.9





#69
 Atrazine
 Concen: 43.303 ng
 RT: 16.975 min Scan# 2344
 Delta R.T. 0.000 min
 Lab File: BP013677.D
 Acq: 31 Jan 2023 17:04

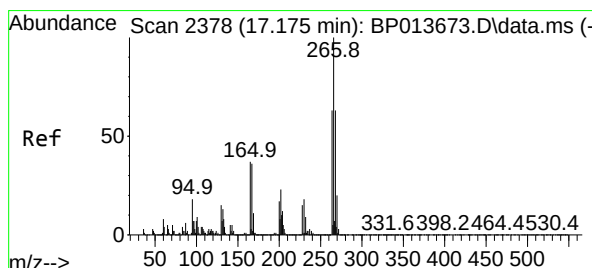
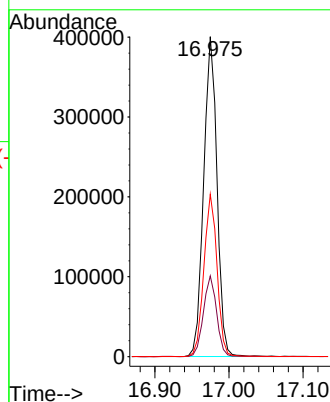
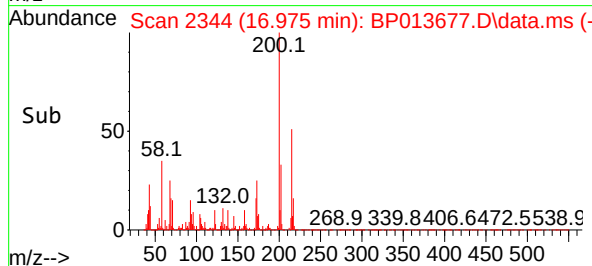
Instrument :
 BNA_P
 ClientSampleId :
 ICVBP013123



Tgt Ion:200 Resp: 500670
 Ion Ratio Lower Upper
 200 100
 173 25.2 5.2 45.2
 215 50.7 29.8 69.8

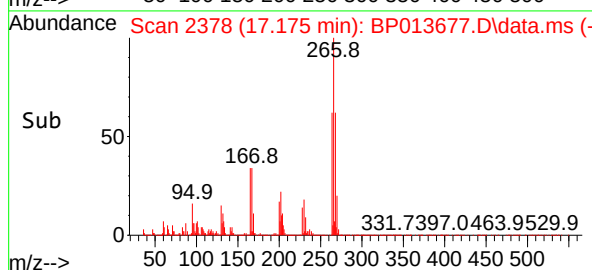
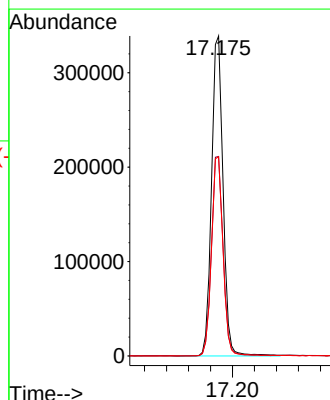
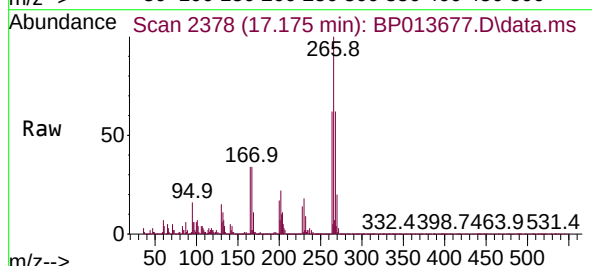
Manual Integrations
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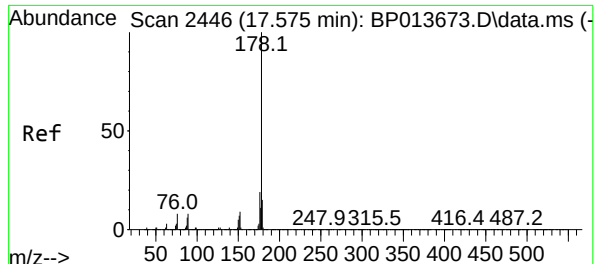
Reviewed By :Christian Giraldo 02/01/2023
 Supervised By :Jagrut Upadhyay 02/01/2023



#70
 Pentachlorophenol
 Concen: 42.900 ng
 RT: 17.175 min Scan# 2378
 Delta R.T. 0.000 min
 Lab File: BP013677.D
 Acq: 31 Jan 2023 17:04

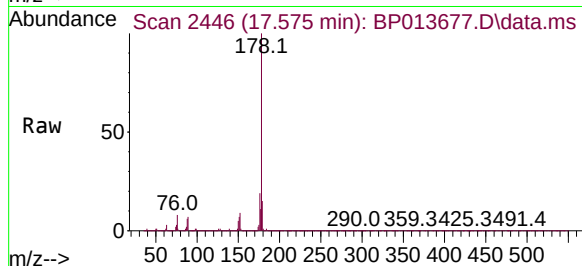
Tgt Ion:266 Resp: 490533
 Ion Ratio Lower Upper
 266 100
 268 62.4 50.7 76.1
 264 62.2 50.5 75.7





#71
Phenanthrene
Concen: 40.277 ng
RT: 17.575 min Scan# 2446
Delta R.T. 0.000 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

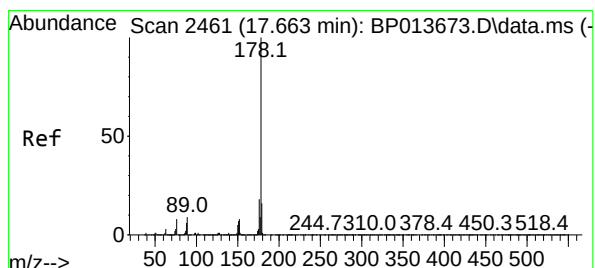
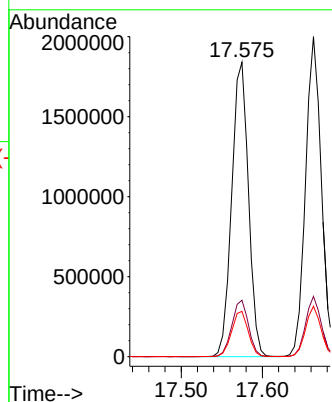
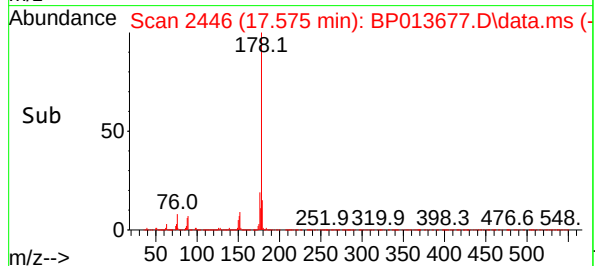
Instrument :
BNA_P
ClientSampleId :
ICVBP013123



Tgt Ion:178 Resp: 263632
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.4 12.2 18.2

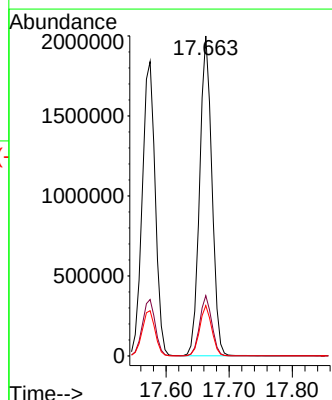
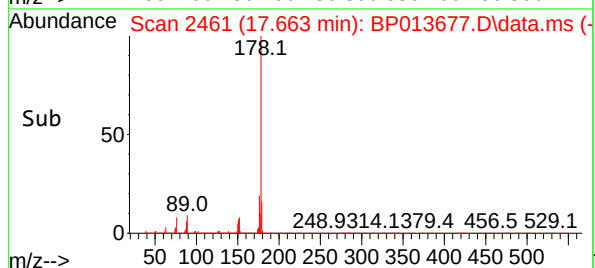
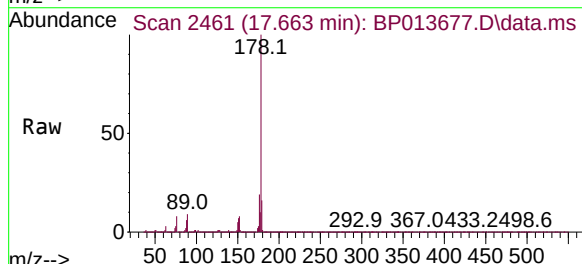
Manual Integrations
APPROVED

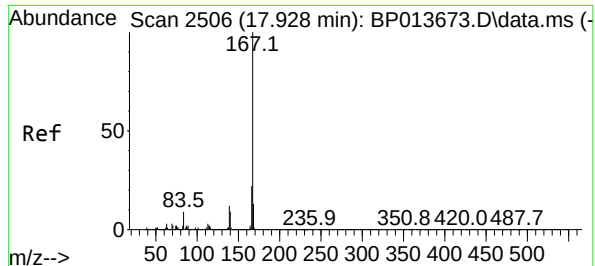
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#72
Anthracene
Concen: 40.729 ng
RT: 17.663 min Scan# 2461
Delta R.T. 0.000 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

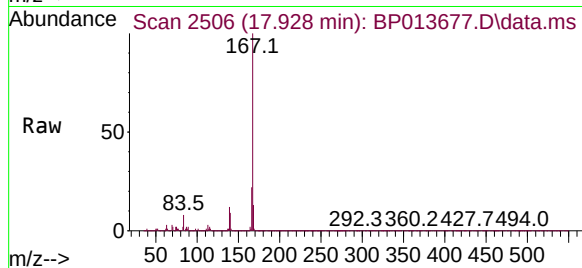
Tgt Ion:178 Resp: 2691430
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 15.7 12.4 18.6





#73
Carbazole
Concen: 40.564 ng
RT: 17.928 min Scan# 2506
Delta R.T. 0.000 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

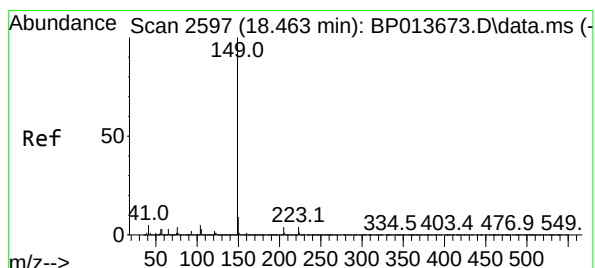
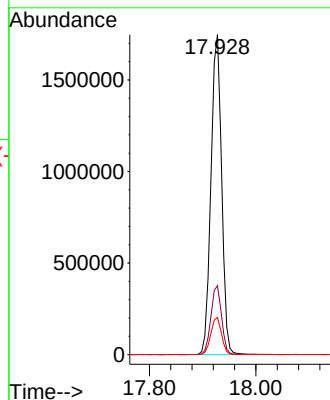
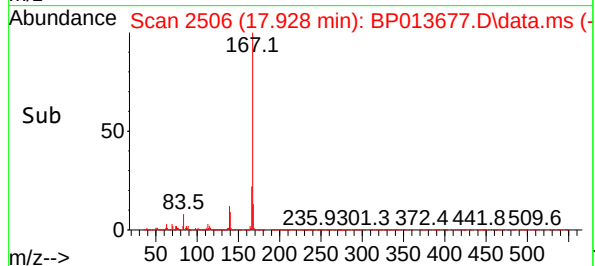
Instrument :
BNA_P
ClientSampleId :
ICVBP013123



Tgt Ion:167 Resp: 2434005
Ion Ratio Lower Upper
167 100
166 21.5 17.4 26.0
139 11.6 9.5 14.3

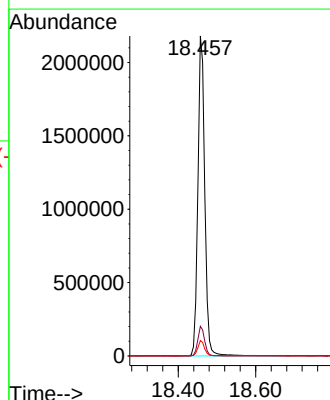
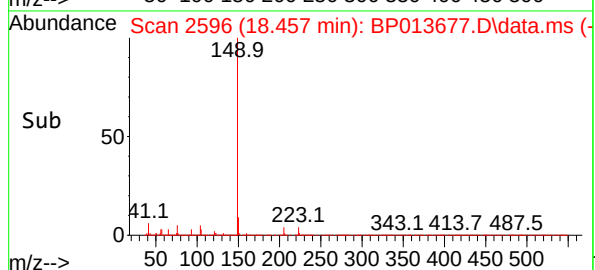
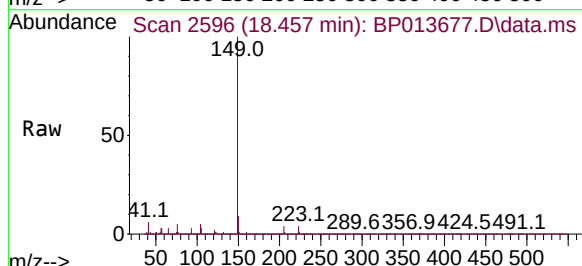
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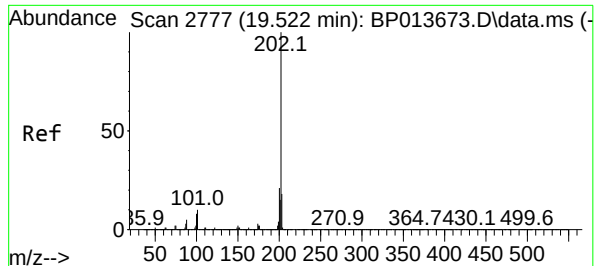
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#74
Di-n-butylphthalate
Concen: 40.958 ng
RT: 18.457 min Scan# 2596
Delta R.T. -0.006 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

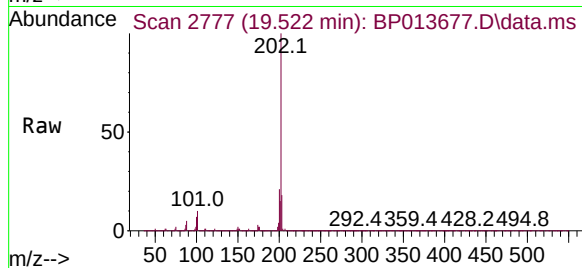
Tgt Ion:149 Resp: 2689433
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 4.8 3.8 5.6





#75
Fluoranthene
Concen: 40.989 ng
RT: 19.522 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

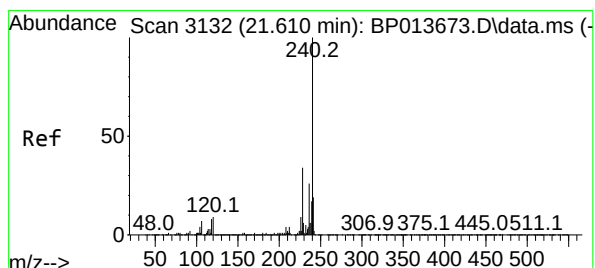
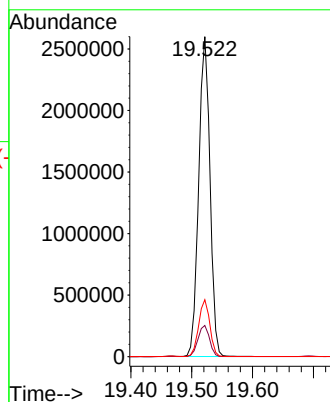
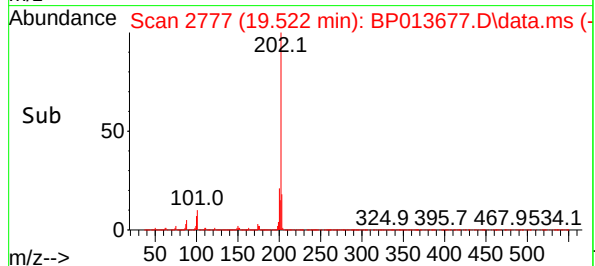
Instrument :
BNA_P
ClientSampleId :
ICVBP013123



Tgt Ion:202 Resp: 334015
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.2
203 17.8 0.0 37.9

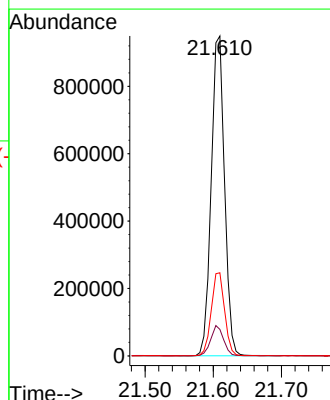
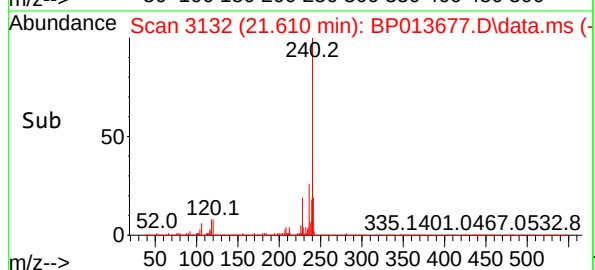
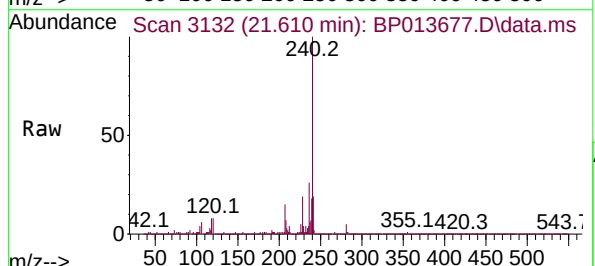
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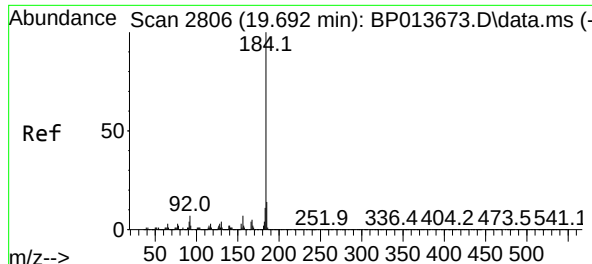
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.610 min Scan# 3132
Delta R.T. 0.000 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

Tgt Ion:240 Resp: 1287651
Ion Ratio Lower Upper
240 100
120 8.3 7.4 11.0
236 26.0 20.6 30.8





#77

Benzidine

Concen: 41.348 ng

RT: 19.692 min Scan# 2806

Delta R.T. 0.000 min

Lab File: BP013677.D

Acq: 31 Jan 2023 17:04

Instrument :

BNA_P

ClientSampleId :

ICVBP013123

Tgt Ion:184 Resp: 1149993

Ion Ratio Lower Upper

184 100

185 14.9 11.4 17.2

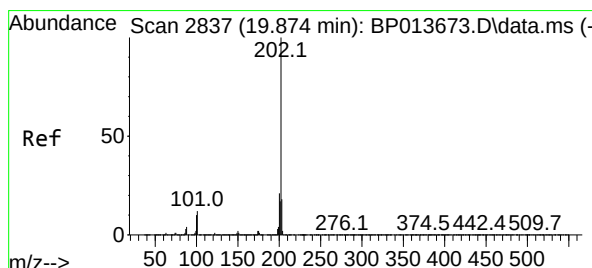
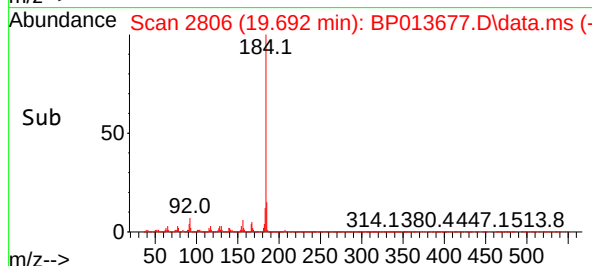
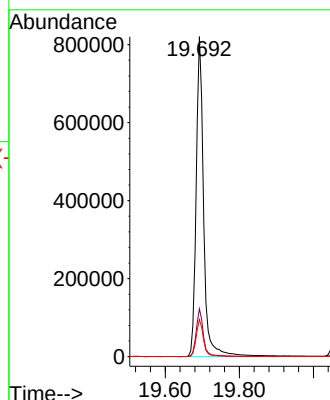
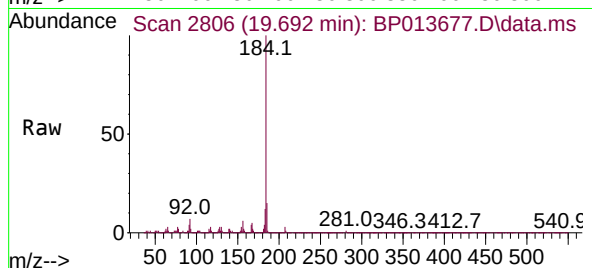
183 11.6 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#78

Pyrene

Concen: 40.075 ng

RT: 19.875 min Scan# 2837

Delta R.T. 0.000 min

Lab File: BP013677.D

Acq: 31 Jan 2023 17:04

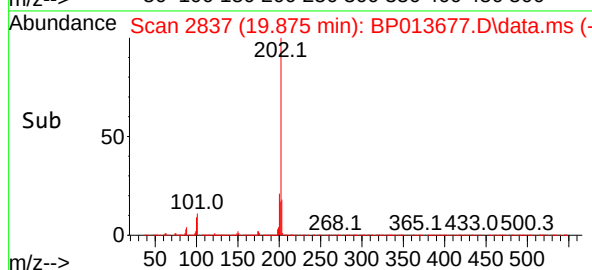
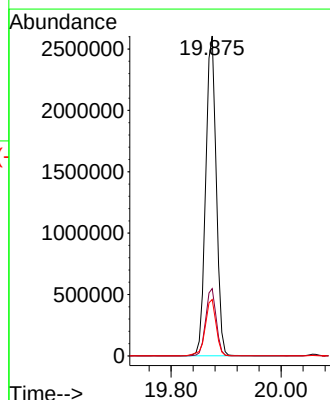
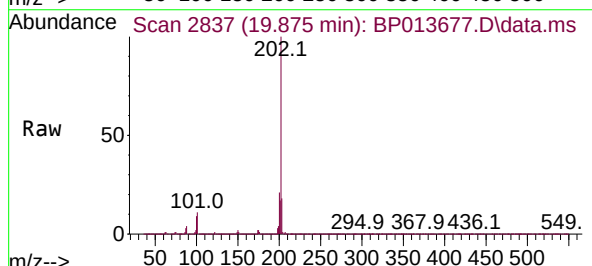
Tgt Ion:202 Resp: 3471767

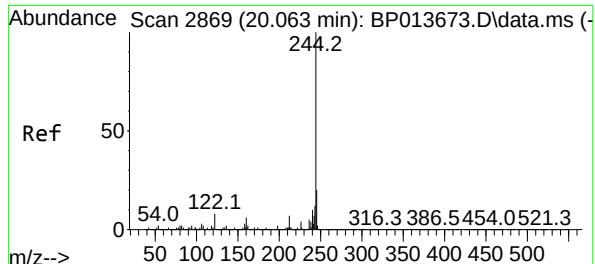
Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

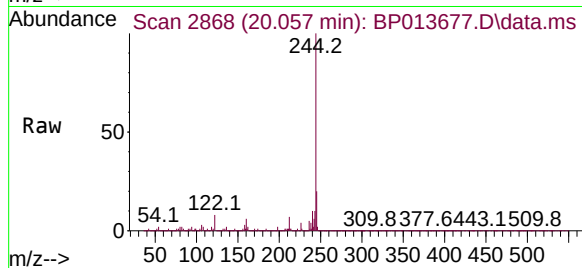
203 17.6 14.0 21.0





#79
 Terphenyl-d14
 Concen: 82.130 ng
 RT: 20.057 min Scan# 2869
 Delta R.T. -0.006 min
 Lab File: BP013677.D
 Acq: 31 Jan 2023 17:04

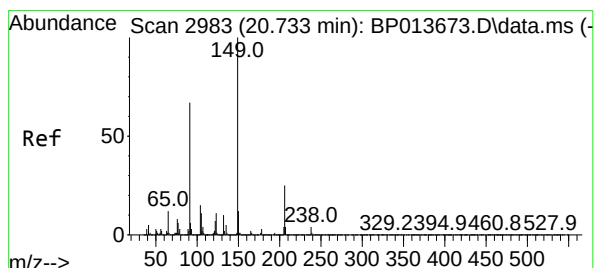
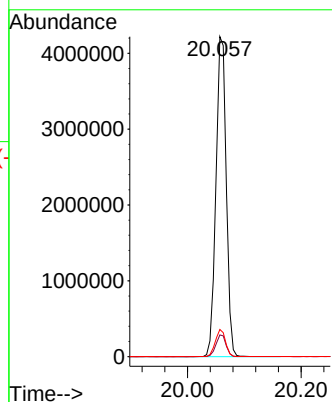
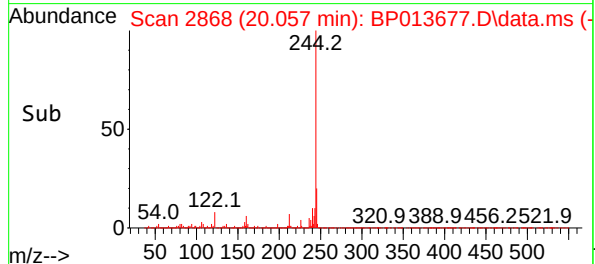
Instrument :
 BNA_P
 ClientSampleId :
 ICVBP013123



Tgt Ion:244 Resp: 5325714
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 8.5 6.5 9.7

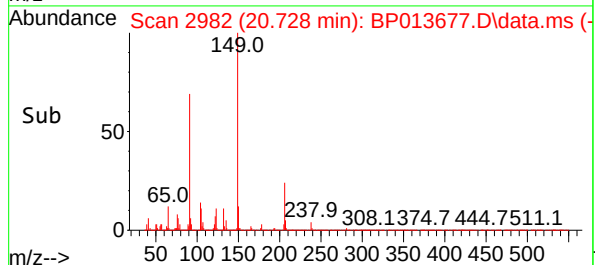
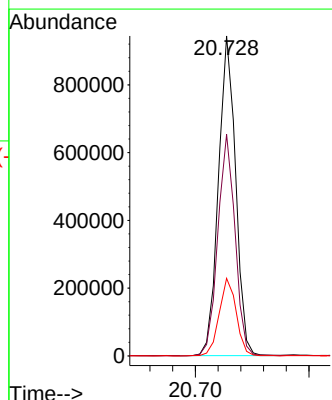
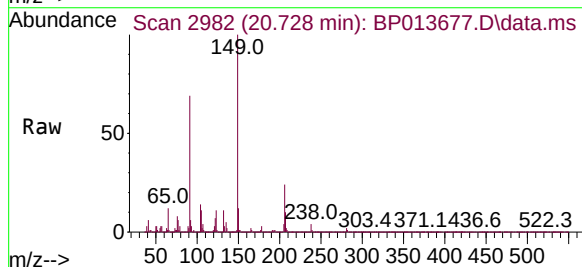
Manual Integrations
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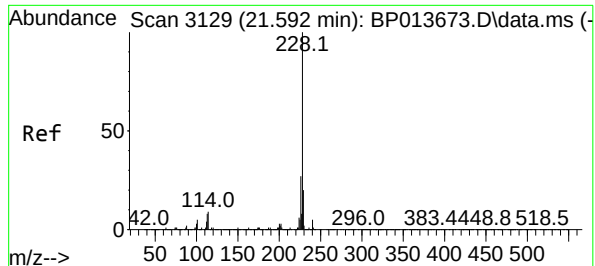
Reviewed By :Christian Giraldo 02/01/2023
 Supervised By :Jagrut Upadhyay 02/01/2023



#80
 Butylbenzylphthalate
 Concen: 41.894 ng
 RT: 20.728 min Scan# 2982
 Delta R.T. -0.006 min
 Lab File: BP013677.D
 Acq: 31 Jan 2023 17:04

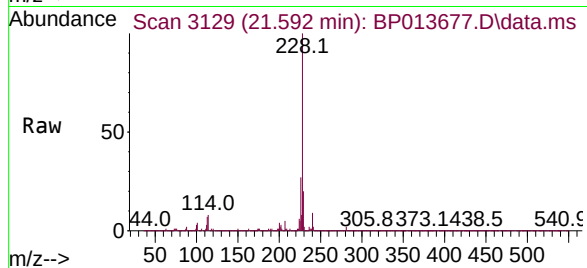
Tgt Ion:149 Resp: 990780
 Ion Ratio Lower Upper
 149 100
 91 69.2 54.0 81.0
 206 24.2 19.8 29.8





#81
Benzo(a)anthracene
Concen: 40.474 ng
RT: 21.592 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

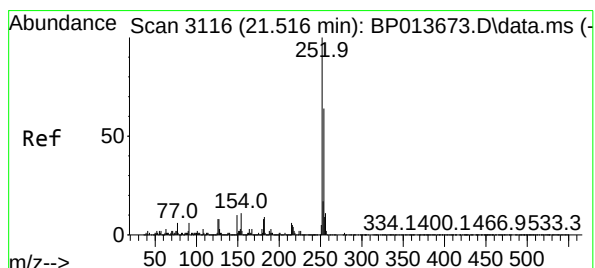
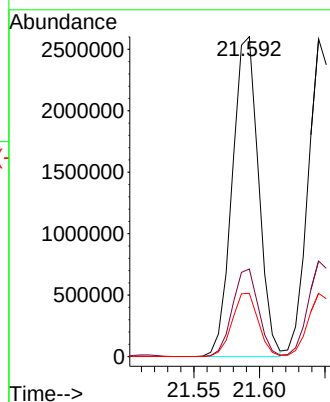
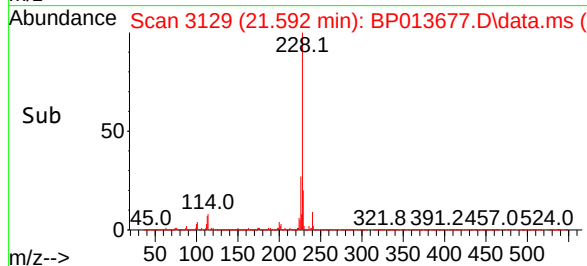
Instrument :
BNA_P
ClientSampleId :
ICVBP013123



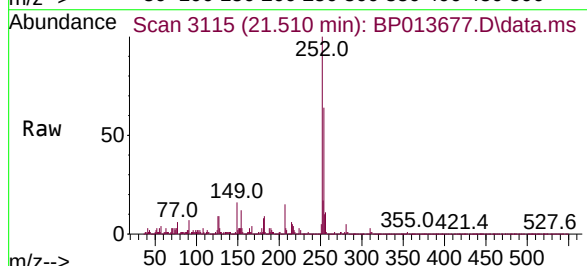
Tgt Ion:228 Resp: 3619980
Ion Ratio Lower Upper
228 100
226 27.4 21.9 32.9
229 19.8 16.0 24.0

Manual Integrations
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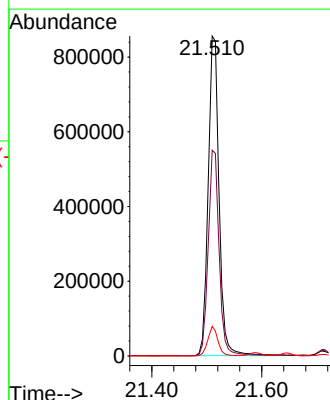
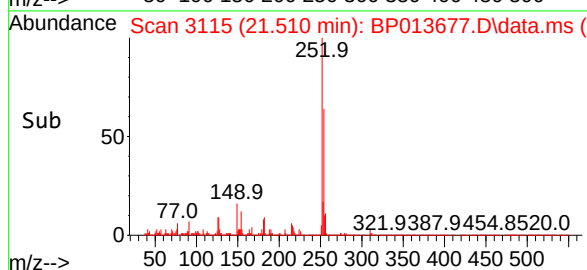
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

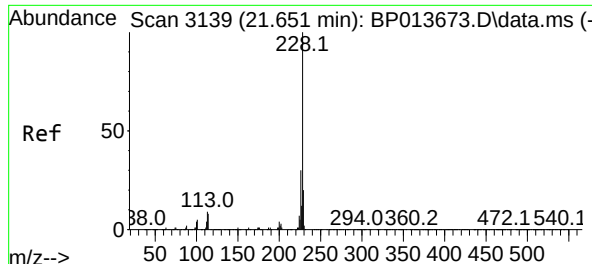


#82
3,3'-Dichlorobenzidine
Concen: 41.710 ng
RT: 21.510 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04



Tgt Ion:252 Resp: 1179403
Ion Ratio Lower Upper
252 100
254 64.3 50.9 76.3
126 9.3 6.7 10.1





#83

Chrysene

Concen: 40.301 ng

RT: 21.645 min Scan# 3139

Delta R.T. -0.006 min

Lab File: BP013677.D

Acq: 31 Jan 2023 17:04

Instrument :

BNA_P

ClientSampleId :

ICVBP013123

Tgt Ion:228 Resp: 3434120

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

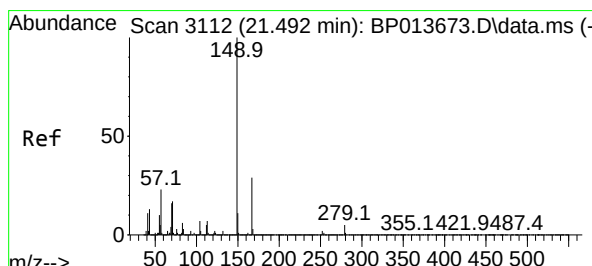
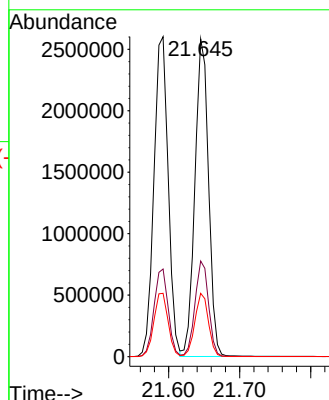
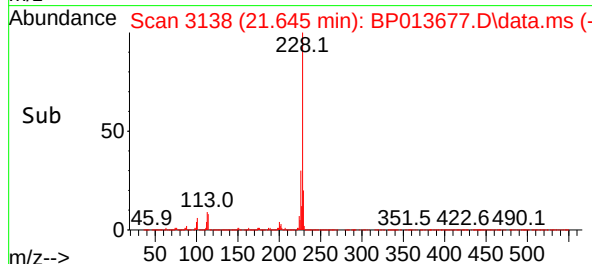
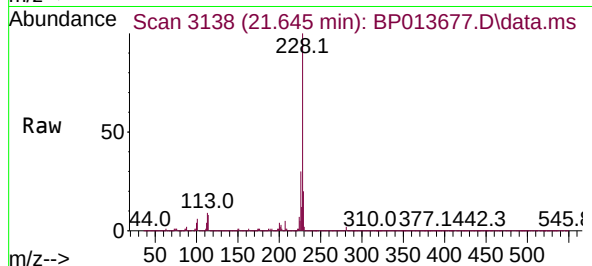
229 19.9 15.8 23.8

Manual Integrations

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Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.578 ng

RT: 21.492 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BP013677.D

Acq: 31 Jan 2023 17:04

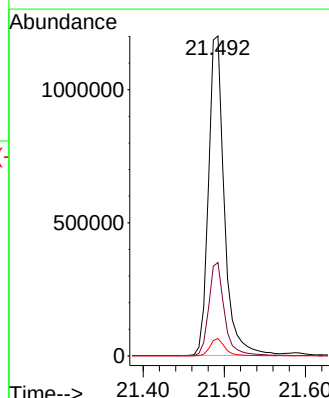
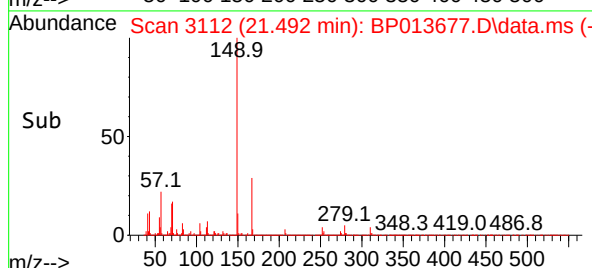
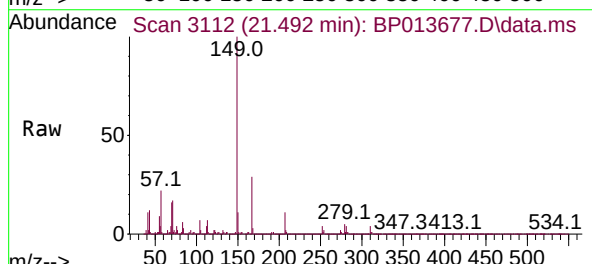
Tgt Ion:149 Resp: 1633985

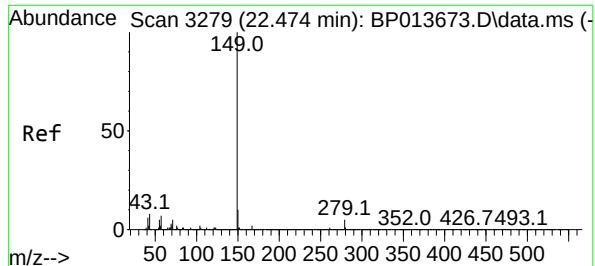
Ion Ratio Lower Upper

149 100

167 29.2 23.0 34.6

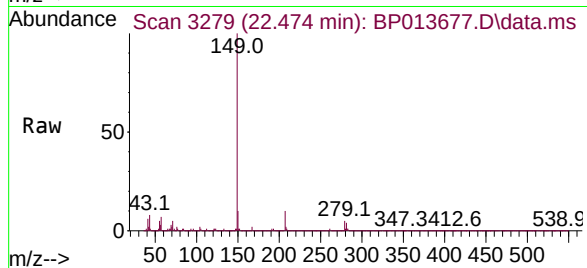
279 5.4 3.9 5.9





#85
Di-n-octyl phthalate
Concen: 40.522 ng
RT: 22.474 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

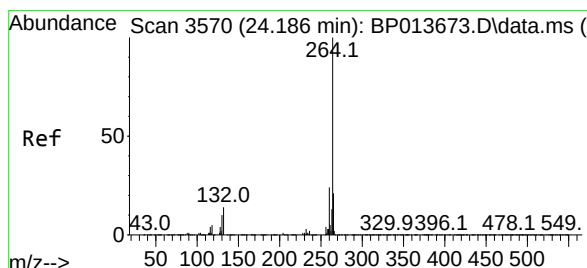
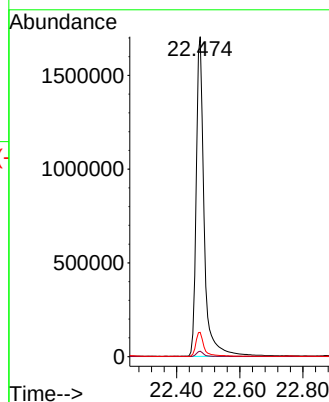
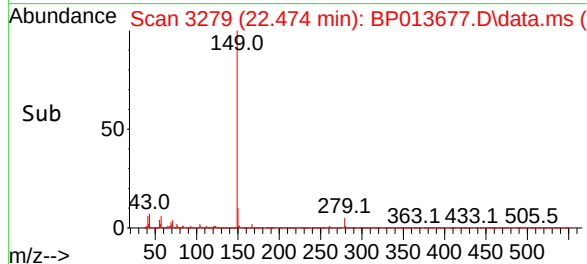
Instrument :
BNA_P
ClientSampleId :
ICVBP013123



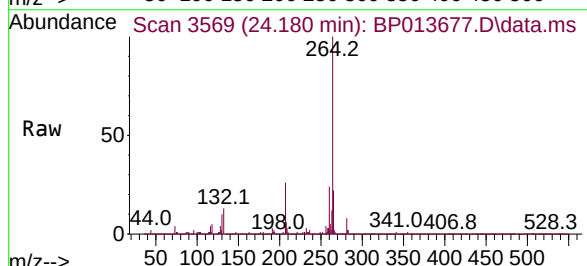
Tgt Ion:149 Resp: 2979654
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.0 6.3 9.5

Manual Integrations
APPROVED

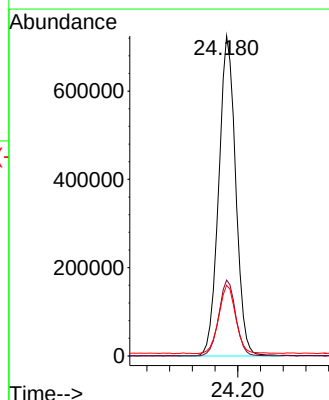
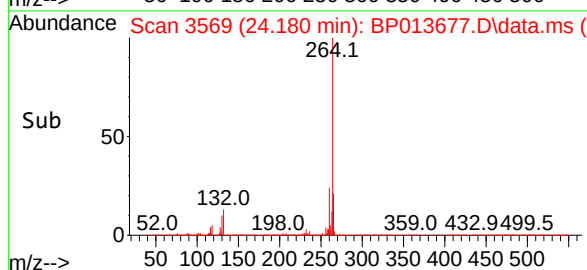
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

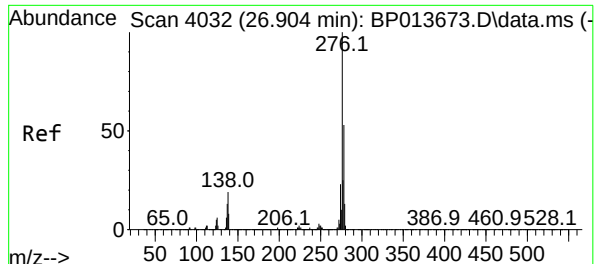


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.180 min Scan# 3569
Delta R.T. -0.006 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04



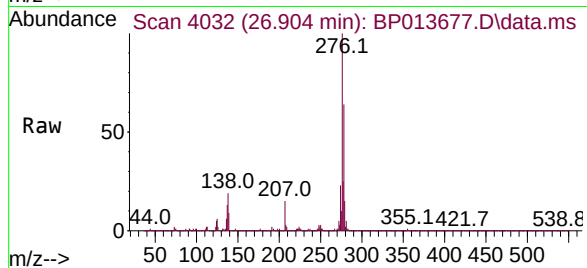
Tgt Ion:264 Resp: 1499661
Ion Ratio Lower Upper
264 100
260 23.7 18.8 28.2
265 22.1 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.414 ng
RT: 26.904 min Scan# 4032
Delta R.T. 0.000 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

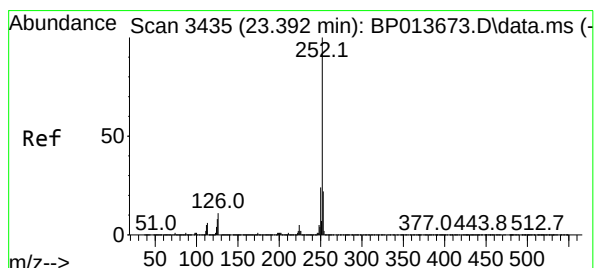
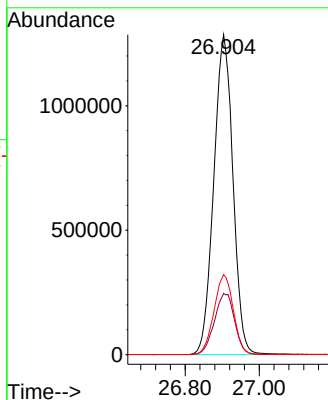
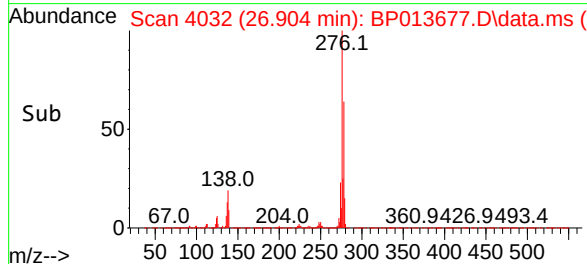
Instrument :
BNA_P
Client Sample Id :
ICVBP013123



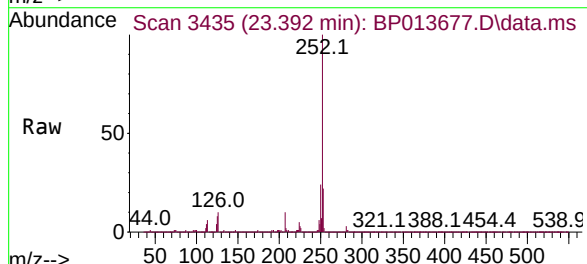
Tgt Ion: 276 Resp: 4609234
Ion Ratio Lower Upper
276 100
138 20.2 16.5 24.7
277 25.3 20.2 30.2

Manual Integrations
APPROVED

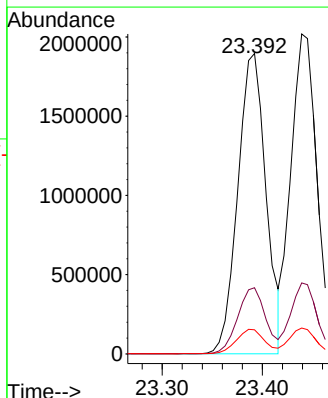
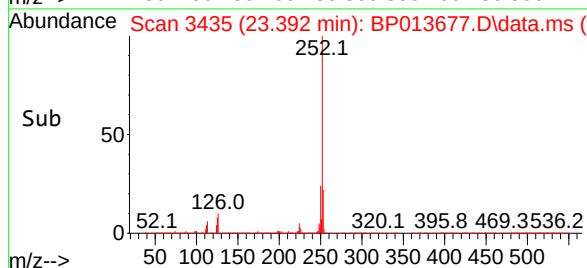
Reviewed By : Christian Giraldo 02/01/2023
Supervised By : Jagrut Upadhyay 02/01/2023

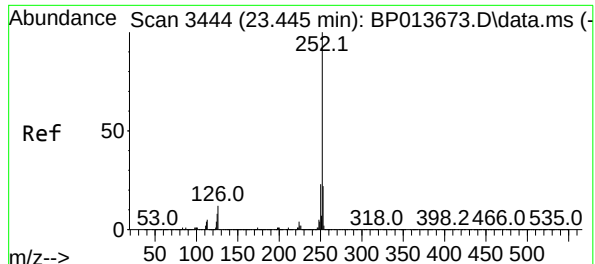


#88
Benzo(b)fluoranthene
Concen: 41.018 ng
RT: 23.392 min Scan# 3435
Delta R.T. 0.000 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04



Tgt Ion: 252 Resp: 3697076
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 8.0 6.8 10.2





#89

Benzo(k)fluoranthene

Concen: 40.644 ng

RT: 23.439 min Scan# 34

Delta R.T. -0.006 min

Lab File: BP013677.D

Acq: 31 Jan 2023 17:04

Instrument :

BNA_P

ClientSampleId :

ICVBP013123

Tgt Ion:252 Resp: 366927

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

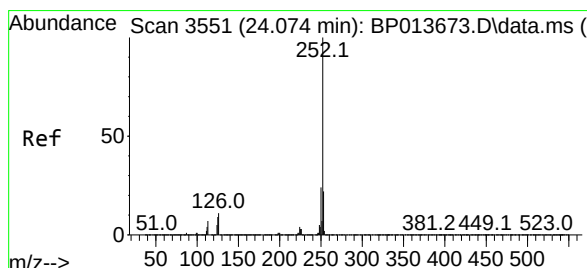
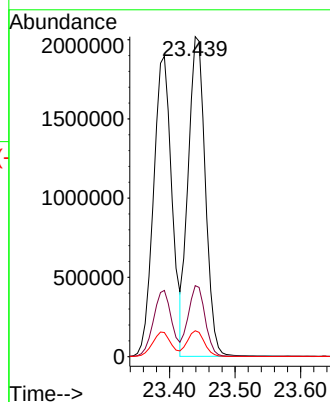
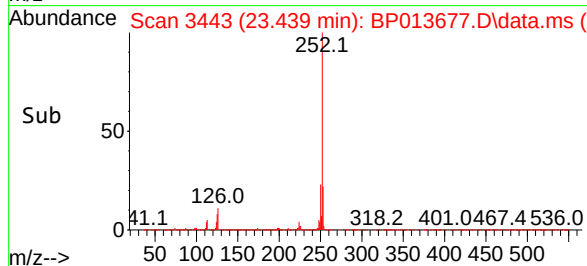
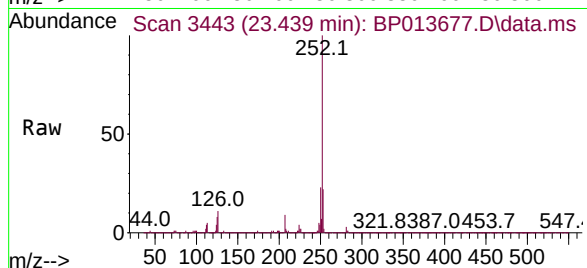
125 8.1 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#90

Benzo(a)pyrene

Concen: 40.298 ng

RT: 24.069 min Scan# 3550

Delta R.T. -0.006 min

Lab File: BP013677.D

Acq: 31 Jan 2023 17:04

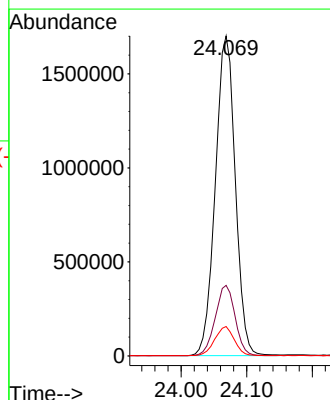
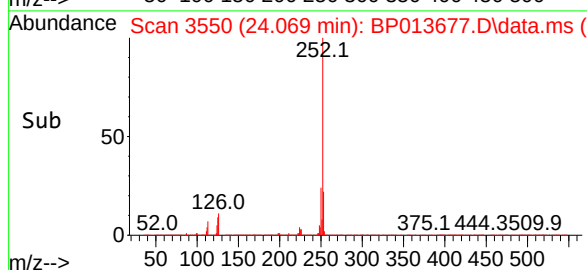
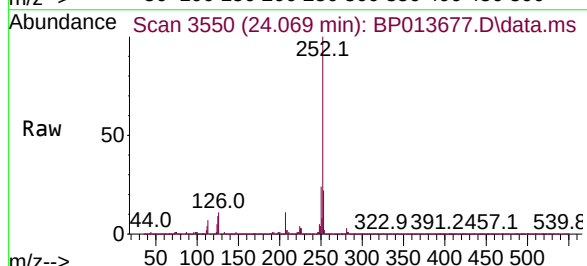
Tgt Ion:252 Resp: 3605440

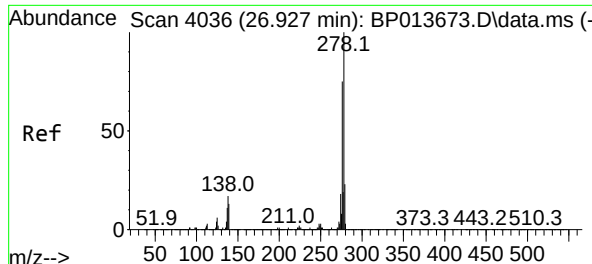
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

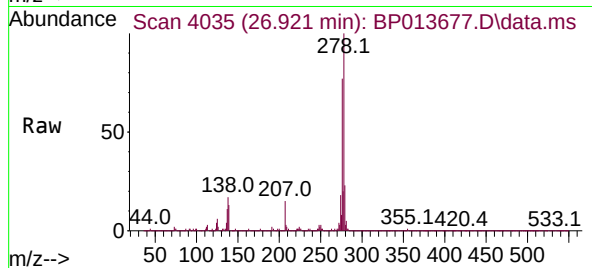
125 9.2 7.0 10.4





#91
Dibenzo(a,h)anthracene
Concen: 40.629 ng
RT: 26.921 min Scan# 4036
Delta R.T. -0.006 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04

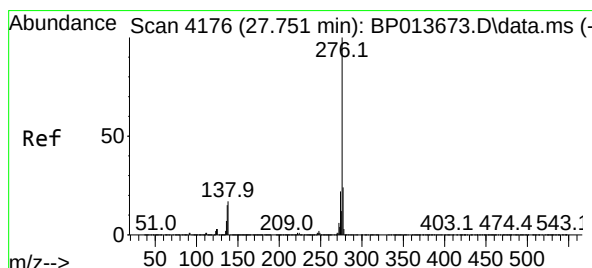
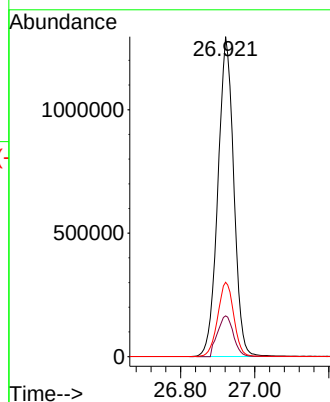
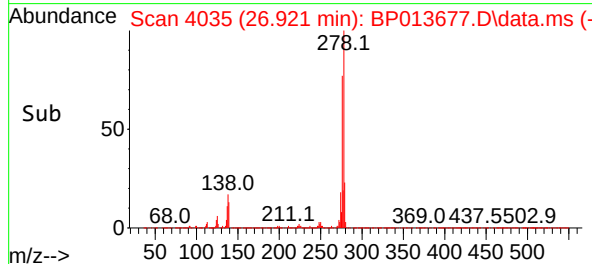
Instrument :
BNA_P
ClientSampleId :
ICVBP013123



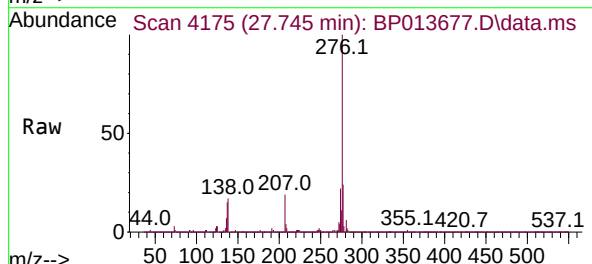
Tgt Ion:278 Resp: 3846340
Ion Ratio Lower Upper
278 100
139 12.8 10.6 16.0
279 23.2 18.8 28.2

Manual Integrations
APPROVED

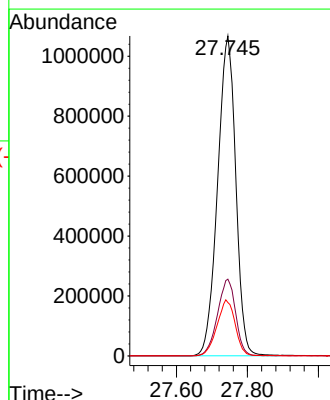
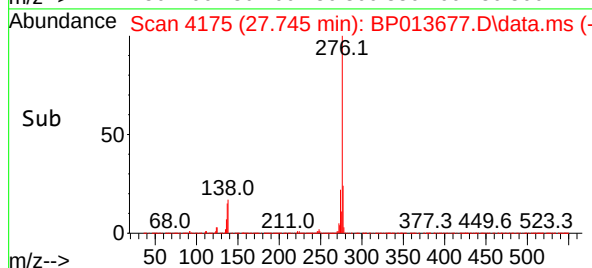
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#92
Benzo(g,h,i)perylene
Concen: 40.387 ng
RT: 27.745 min Scan# 4175
Delta R.T. -0.006 min
Lab File: BP013677.D
Acq: 31 Jan 2023 17:04



Tgt Ion:276 Resp: 3797406
Ion Ratio Lower Upper
276 100
277 24.0 19.2 28.8
138 16.7 14.0 21.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
 Data File : BP013677.D
 Acq On : 31 Jan 2023 17:04
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP013123

Quant Time: Feb 01 04:11:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 03:43:48 2023
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94	0.00
2	1,4-Dioxane	0.495	0.495	0.0	93	0.00
3	Pyridine	1.425	1.416	0.6	89	0.00
4	n-Nitrosodimethylamine	0.511	0.512	-0.2	92	0.00
5 S	2-Fluorophenol	1.170	1.209	-3.3	94	0.00
6	Aniline	2.032	2.088	-2.8	94	0.00
7 S	Phenol-d6	1.559	1.584	-1.6	93	0.00
8	2-Chlorophenol	1.232	1.254	-1.8	93	0.00
9	Benzaldehyde	0.895	0.856	4.4	96	0.00
10 C	Phenol	1.628	1.653	-1.5	92	0.00
11	bis(2-Chloroethyl)ether	1.301	1.296	0.4	92	0.00
12	1,3-Dichlorobenzene	1.387	1.405	-1.3	93	0.00
13 C	1,4-Dichlorobenzene	1.404	1.427	-1.6	93	0.00
14	1,2-Dichlorobenzene	1.343	1.377	-2.5	94	0.00
15	Benzyl Alcohol	1.104	1.156	-4.7	95	0.00
16	2,2'-oxybis(1-Chloropropane	1.519	1.543	-1.6	93	0.00
17	2-Methylphenol	1.141	1.182	-3.6	94	0.00
18	Hexachloroethane	0.463	0.473	-2.2	95	0.00
19 P	n-Nitroso-di-n-propylamine	0.978	1.030	-5.3	94	0.00
20	3+4-Methylphenols	1.557	1.621	-4.1	94	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	94	0.00
22	Acetophenone	0.522	0.534	-2.3	94	0.00
23 S	Nitrobenzene-d5	0.344	0.371	-7.8	96	0.00
24	Nitrobenzene	0.373	0.397	-6.4	96	0.00
25	Isophorone	0.762	0.773	-1.4	93	0.00
26 C	2-Nitrophenol	0.156	0.167	-7.1	96	0.00
27	2,4-Dimethylphenol	0.308	0.313	-1.6	92	0.00
28	bis(2-Chloroethoxy)methane	0.457	0.454	0.7	93	0.00
29 C	2,4-Dichlorophenol	0.335	0.345	-3.0	95	0.00
30	1,2,4-Trichlorobenzene	0.371	0.382	-3.0	96	0.00
31	Naphthalene	1.052	1.048	0.4	93	0.00
32	Benzoic acid	0.229	0.239	-4.4	96	0.00
33	4-Chloroaniline	0.462	0.471	-1.9	93	0.00
34 C	Hexachlorobutadiene	0.236	0.236	0.0	95	0.00
35	Caprolactam	0.110	0.111	-0.9	93	0.00
36 C	4-Chloro-3-methylphenol	0.352	0.353	-0.3	92	0.00
37	2-Methylnaphthalene	0.791	0.790	0.1	93	0.00
38	1-Methylnaphthalene	0.743	0.738	0.7	93	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	95	0.00
40	1,2,4,5-Tetrachlorobenzene	0.683	0.695	-1.8	95	0.00
41 P	Hexachlorocyclopentadiene	0.312	0.324	-3.8	99	0.00
42 S	2,4,6-Tribromophenol	0.300	0.317	-5.7	98	0.00
43 C	2,4,6-Trichlorophenol	0.450	0.459	-2.0	94	0.00
44	2,4,5-Trichlorophenol	0.526	0.545	-3.6	95	0.00
45 S	2-Fluorobiphenyl	1.429	1.445	-1.1	94	0.00
46	1,1'-Biphenyl	1.513	1.531	-1.2	94	0.00
47	2-Chloronaphthalene	1.170	1.193	-2.0	95	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
 Data File : BP013677.D
 Acq On : 31 Jan 2023 17:04
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP013123

Quant Time: Feb 01 04:11:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 03:43:48 2023
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.250	0.281	-12.4	100	0.00
49	Acenaphthylene	1.887	1.919	-1.7	95	0.00
50	Dimethylphthalate	1.547	1.568	-1.4	95	0.00
51	2,6-Dinitrotoluene	0.276	0.315	-14.1	98	0.00
52 C	Acenaphthene	1.215	1.234	-1.6	96	0.00
53	3-Nitroaniline	0.302	0.336	-11.3	97	0.00
54 P	2,4-Dinitrophenol	0.168	0.179	-6.5	100	0.00
55	Dibenzofuran	1.901	1.924	-1.2	96	0.00
56 P	4-Nitrophenol	0.268	0.289	-7.8	99	0.00
57	2,4-Dinitrotoluene	0.363	0.414	-14.0	98	0.00
58	Fluorene	1.492	1.508	-1.1	95	0.00
59	2,3,4,6-Tetrachlorophenol	0.458	0.478	-4.4	97	0.00
60	Diethylphthalate	1.483	1.502	-1.3	95	0.00
61	4-Chlorophenyl-phenylether	0.813	0.825	-1.5	96	0.00
62	4-Nitroaniline	0.299	0.342	-14.4	99	0.00
63	Azobenzene	1.370	1.398	-2.0	95	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	97	0.00
65	4,6-Dinitro-2-methylphenol	0.104	0.109	-4.8	99	0.00
66 c	n-Nitrosodiphenylamine	0.582	0.580	0.3	96	0.00
67	4-Bromophenyl-phenylether	0.229	0.232	-1.3	98	0.00
68	Hexachlorobenzene	0.254	0.256	-0.8	99	0.00
69	Atrazine	0.189	0.205	-8.5	99	0.00
70 C	Pentachlorophenol	0.187	0.201	-7.5	100	0.00
71	Phenanthrene	1.072	1.079	-0.7	97	0.00
72	Anthracene	1.082	1.102	-1.8	97	0.00
73	Carbazole	0.983	0.997	-1.4	97	0.00
74	Di-n-butylphthalate	1.075	1.101	-2.4	97	0.00
75 C	Fluoranthene	1.335	1.368	-2.5	99	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	101	0.00
77	Benzidine	0.432	0.447	-3.5	95	0.00
78	Pyrene	1.346	1.348	-0.1	98	0.00
79 S	Terphenyl-d14	1.007	1.034	-2.7	101	0.00
80	Butylbenzylphthalate	0.367	0.385	-4.9	102	0.00
81	Benzo(a)anthracene	1.389	1.406	-1.2	100	0.00
82	3,3'-Dichlorobenzidine	0.439	0.458	-4.3	99	0.00
83	Chrysene	1.324	1.333	-0.7	100	0.00
84	Bis(2-ethylhexyl)phthalate	0.625	0.634	-1.4	99	0.00
85 c	Di-n-octyl phthalate	1.142	1.157	-1.3	99	0.00
86 I	Perylene-d12	1.000	1.000	0.0	100	0.00
87	Indeno(1,2,3-cd)pyrene	1.521	1.537	-1.1	101	0.00
88	Benzo(b)fluoranthene	1.202	1.233	-2.6	103	0.00
89	Benzo(k)fluoranthene	1.204	1.223	-1.6	98	0.00
90 C	Benzo(a)pyrene	1.193	1.202	-0.8	100	0.00
91	Dibenzo(a,h)anthracene	1.263	1.282	-1.5	101	0.00
92	Benzo(g,h,i)perylene	1.254	1.266	-1.0	101	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
Data File : BP013677.D
Acq On : 31 Jan 2023 17:04
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP013123

Quant Time: Feb 01 04:11:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 03:43:48 2023
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev Area	% Dev(min)
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(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
 Data File : BP013677.D
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 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	94	0.00
2	1,4-Dioxane	40.000	39.976	0.1	93	0.00
3	Pyridine	40.000	39.749	0.6	89	0.00
4	n-Nitrosodimethylamine	40.000	40.075	-0.2	92	0.00
5 S	2-Fluorophenol	80.000	82.665	-3.3	94	0.00
6	Aniline	40.000	41.110	-2.8	94	0.00
7 S	Phenol-d6	80.000	81.298	-1.6	93	0.00
8	2-Chlorophenol	40.000	40.739	-1.8	93	0.00
9	Benzaldehyde	40.000	42.434	-6.1	96	0.00
10 C	Phenol	40.000	40.611	-1.5	92	0.00
11	bis(2-Chloroethyl)ether	40.000	39.845	0.4	92	0.00
12	1,3-Dichlorobenzene	40.000	40.511	-1.3	93	0.00
13 C	1,4-Dichlorobenzene	40.000	40.671	-1.7	93	0.00
14	1,2-Dichlorobenzene	40.000	41.009	-2.5	94	0.00
15	Benzyl Alcohol	40.000	41.907	-4.8	95	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	40.641	-1.6	93	0.00
17	2-Methylphenol	40.000	41.432	-3.6	94	0.00
18	Hexachloroethane	40.000	40.863	-2.2	95	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	42.119	-5.3	94	0.00
20	3+4-Methylphenols	40.000	41.657	-4.1	94	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	94	0.00
22	Acetophenone	40.000	40.938	-2.3	94	0.00
23 S	Nitrobenzene-d5	80.000	86.363	-8.0	96	0.00
24	Nitrobenzene	40.000	42.614	-6.5	96	0.00
25	Isophorone	40.000	40.564	-1.4	93	0.00
26 C	2-Nitrophenol	40.000	39.244	1.9	96	0.00
27	2,4-Dimethylphenol	40.000	40.713	-1.8	92	0.00
28	bis(2-Chloroethoxy)methane	40.000	39.798	0.5	93	0.00
29 C	2,4-Dichlorophenol	40.000	41.196	-3.0	95	0.00
30	1,2,4-Trichlorobenzene	40.000	41.108	-2.8	96	0.00
31	Naphthalene	40.000	39.863	0.3	93	0.00
32	Benzoic acid	40.000	39.559	1.1	96	0.00
33	4-Chloroaniline	40.000	40.768	-1.9	93	0.00
34 C	Hexachlorobutadiene	40.000	40.111	-0.3	95	0.00
35	Caprolactam	40.000	40.217	-0.5	93	0.00
36 C	4-Chloro-3-methylphenol	40.000	40.148	-0.4	92	0.00
37	2-Methylnaphthalene	40.000	39.987	0.0	93	0.00
38	1-Methylnaphthalene	40.000	39.717	0.7	93	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	95	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	40.720	-1.8	95	0.00
41 P	Hexachlorocyclopentadiene	40.000	41.631	-4.1	99	0.00
42 S	2,4,6-Tribromophenol	80.000	84.468	-5.6	98	0.00
43 C	2,4,6-Trichlorophenol	40.000	40.869	-2.2	94	0.00
44	2,4,5-Trichlorophenol	40.000	41.409	-3.5	95	0.00
45 S	2-Fluorobiphenyl	80.000	80.872	-1.1	94	0.00
46	1,1'-Biphenyl	40.000	40.461	-1.2	94	0.00
47	2-Chloronaphthalene	40.000	40.788	-2.0	95	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
 Data File : BP013677.D
 Acq On : 31 Jan 2023 17:04
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP013123

Quant Time: Feb 01 04:11:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 03:43:48 2023
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	39.177	2.1	100	0.00
49	Acenaphthylene	40.000	40.679	-1.7	95	0.00
50	Dimethylphthalate	40.000	40.549	-1.4	95	0.00
51	2,6-Dinitrotoluene	40.000	40.124	-0.3	98	0.00
52 C	Acenaphthene	40.000	40.629	-1.6	96	0.00
53	3-Nitroaniline	40.000	40.284	-0.7	97	0.00
54 P	2,4-Dinitrophenol	40.000	38.845	2.9	100	0.00
55	Dibenzofuran	40.000	40.481	-1.2	96	0.00
56 P	4-Nitrophenol	40.000	43.049	-7.6	99	0.00
57	2,4-Dinitrotoluene	40.000	39.598	1.0	98	0.00
58	Fluorene	40.000	40.424	-1.1	95	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	41.741	-4.4	97	0.00
60	Diethylphthalate	40.000	40.521	-1.3	95	0.00
61	4-Chlorophenyl-phenylether	40.000	40.607	-1.5	96	0.00
62	4-Nitroaniline	40.000	40.916	-2.3	99	0.00
63	Azobenzene	40.000	40.807	-2.0	95	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	97	0.00
65	4,6-Dinitro-2-methylphenol	40.000	38.788	3.0	99	0.00
66 c	n-Nitrosodiphenylamine	40.000	39.855	0.4	96	0.00
67	4-Bromophenyl-phenylether	40.000	40.538	-1.3	98	0.00
68	Hexachlorobenzene	40.000	40.353	-0.9	99	0.00
69	Atrazine	40.000	43.303	-8.3	99	0.00
70 C	Pentachlorophenol	40.000	42.900	-7.2	100	0.00
71	Phenanthrene	40.000	40.277	-0.7	97	0.00
72	Anthracene	40.000	40.729	-1.8	97	0.00
73	Carbazole	40.000	40.564	-1.4	97	0.00
74	Di-n-butylphthalate	40.000	40.958	-2.4	97	0.00
75 C	Fluoranthene	40.000	40.989	-2.5	99	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	101	0.00
77	Benzidine	40.000	41.348	-3.4	95	0.00
78	Pyrene	40.000	40.075	-0.2	98	0.00
79 S	Terphenyl-d14	80.000	82.130	-2.7	101	0.00
80	Butylbenzylphthalate	40.000	41.894	-4.7	102	0.00
81	Benzo(a)anthracene	40.000	40.474	-1.2	100	0.00
82	3,3'-Dichlorobenzidine	40.000	41.710	-4.3	99	0.00
83	Chrysene	40.000	40.301	-0.8	100	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	40.578	-1.4	99	0.00
85 c	Di-n-octyl phthalate	40.000	40.522	-1.3	99	0.00
86 I	Perylene-d12	20.000	20.000	0.0	100	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	40.414	-1.0	101	0.00
88	Benzo(b)fluoranthene	40.000	41.018	-2.5	103	0.00
89	Benzo(k)fluoranthene	40.000	40.644	-1.6	98	0.00
90 C	Benzo(a)pyrene	40.000	40.298	-0.7	100	0.00
91	Dibenzo(a,h)anthracene	40.000	40.629	-1.6	101	0.00
92	Benzo(g,h,i)perylene	40.000	40.387	-1.0	101	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
Data File : BP013677.D
Acq On : 31 Jan 2023 17:04
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP013123

Quant Time: Feb 01 04:11:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 03:43:48 2023
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)
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(#) = Out of Range SPCC's out = 0 CCC's out = 0



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: loui01
 Lab Code: CHEM Case No.: O1232 SAS No.: O1232 SDG No.: O1232
 Instrument ID: BNA_F Calibration Date/Time: 01/20/2023 16:40
 Lab File ID: BF132164.D Init. Calib. Date(s): 01/19/2023 01/19/2023
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:21 15:11
 GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.145	1.115		-2.6	
Phenol-d6	1.441	1.412		-2.0	
Nitrobenzene-d5	0.376	0.393		4.5	
Naphthalene	1.027	1.008		-1.9	
2-Fluorobiphenyl	1.369	1.224		-10.6	
Acenaphthylene	1.951	1.915		-1.8	
Acenaphthene	1.174	1.145		-2.5	20.0
Fluorene	1.344	1.292		-3.9	
2,4,6-Tribromophenol	0.214	0.231		7.9	
Phenanthrene	1.050	1.000		-4.8	
Anthracene	1.062	1.012		-4.7	
Fluoranthene	1.078	1.118		3.7	20.0
Pyrene	1.843	1.942		5.4	
Terphenyl-d14	1.194	1.203		0.8	
Benzo (a) anthracene	1.429	1.449		1.4	
Chrysene	1.360	1.334		-1.9	
Benzo (b) fluoranthene	1.218	1.276		4.8	
Benzo (k) fluoranthene	1.242	1.197		-3.6	
Benzo (a) pyrene	1.171	1.185		1.2	20.0
Indeno (1,2,3-cd) pyrene	1.451	1.547		6.6	
Dibenzo (a,h) anthracene	1.184	1.248		5.4	
Benzo (g,h,i) perylene	1.246	1.338		7.4	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
 Data File : BF132164.D
 Acq On : 20 Jan 2023 16:40
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 01/23/2023
 Supervised By : Jagrut Upadhyay 01/23/2023

Quant Time: Jan 21 03:53:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:50:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.090	152	175584	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	590884	20.000	ng	0.00
39) Acenaphthene-d10	10.142	164	314145	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	631542	20.000	ng	0.00
76) Chrysene-d12	14.307	240	364265	20.000	ng	0.00
86) Perylene-d12	15.901	264	316916	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.707	112	783256	77.926	ng	0.00
7) Phenol-d6	6.701	99	991931	78.397	ng	0.00
23) Nitrobenzene-d5	7.654	82	929182	83.538	ng	0.00
42) 2,4,6-Tribromophenol	10.936	330	290439	86.555	ng	0.00
45) 2-Fluorobiphenyl	9.454	172	1537809	71.530	ng	0.00
79) Terphenyl-d14	13.236	244	1753140	80.620	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.019	88	209354	41.113	ng	99
3) Pyridine	3.778	79	563820	41.245	ng	99
4) n-Nitrosodimethylamine	3.743	42	263601	41.002	ng	99
6) Aniline	6.754	93	692444	39.511	ng	99
8) 2-Chlorophenol	6.872	128	419812	39.735	ng	99
9) Benzaldehyde	6.642	77	321966	39.554	ng	99
10) Phenol	6.713	94	524478	39.818	ng	99
11) bis(2-Chloroethyl)ether	6.819	93	436932	39.184	ng	99
12) 1,3-Dichlorobenzene	7.031	146	452668	38.329	ng	99
13) 1,4-Dichlorobenzene	7.107	146	456734	38.757	ng	99
14) 1,2-Dichlorobenzene	7.266	146	421431	38.675	ng	98
15) Benzyl Alcohol	7.225	79	389314m	40.227	ng	
16) 2,2'-oxybis(1-Chloropr...	7.360	45	623784	38.490	ng	99
17) 2-Methylphenol	7.325	107	367095	39.660	ng	99
18) Hexachloroethane	7.607	117	171225	40.476	ng	98
19) n-Nitroso-di-n-propyla...	7.495	70	292458	37.735	ng	98
20) 3+4-Methylphenols	7.478	107	466332	39.983	ng	93
22) Acetophenone	7.495	105	544080	38.310	ng	96
24) Nitrobenzene	7.672	77	482635	40.981	ng	100
25) Isophorone	7.907	82	858522	39.448	ng	99
26) 2-Nitrophenol	7.989	139	207296	46.464	ng	99
27) 2,4-Dimethylphenol	8.013	122	376742	40.006	ng	99
28) bis(2-Chloroethoxy)met...	8.119	93	512581	39.255	ng	99
29) 2,4-Dichlorophenol	8.225	162	367359	41.089	ng	99
30) 1,2,4-Trichlorobenzene	8.319	180	396183	39.014	ng	99
31) Naphthalene	8.401	128	1191679	39.269	ng	99
32) Benzoic acid	8.107	122	267589m	43.447	ng	
33) 4-Chloroaniline	8.442	127	525672	40.479	ng	98
34) Hexachlorobutadiene	8.513	225	265244	38.882	ng	99
35) Caprolactam	8.813	113	116327	45.882	ng	99
36) 4-Chloro-3-methylphenol	8.913	107	368836	40.995	ng	98
37) 2-Methylnaphthalene	9.095	142	812781	38.901	ng	98
38) 1-Methylnaphthalene	9.195	142	750019	38.580	ng	99
40) 1,2,4,5-Tetrachloroben...	9.260	216	420230	38.447	ng	99
41) Hexachlorocyclopentadiene	9.242	237	239961	40.232	ng	96
43) 2,4,6-Trichlorophenol	9.366	196	284696	41.969	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
 Data File : BF132164.D
 Acq On : 20 Jan 2023 16:40
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/23/2023
 Supervised By : Jagrut Upadhyay 01/23/2023

Quant Time: Jan 21 03:53:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:50:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.401	196	328449	41.400	ng	98
46) 1,1'-Biphenyl	9.560	154	941310	37.981	ng	100
47) 2-Chloronaphthalene	9.589	162	745058	38.889	ng	100
48) 2-Nitroaniline	9.678	65	261720	42.996	ng	99
49) Acenaphthylene	10.007	152	1203173	39.256	ng	99
50) Dimethylphthalate	9.854	163	911609	40.067	ng	100
51) 2,6-Dinitrotoluene	9.919	165	206783	46.890	ng	99
52) Acenaphthene	10.178	154	719203	39.012	ng	98
53) 3-Nitroaniline	10.089	138	222119	47.109	ng	99
54) 2,4-Dinitrophenol	10.189	184	90478	46.708	ng	88
55) Dibenzofuran	10.354	168	1099571	38.595	ng	99
56) 4-Nitrophenol	10.230	139	164762	48.015	ng	96
57) 2,4-Dinitrotoluene	10.325	165	260362	49.185	ng	# 82
58) Fluorene	10.695	166	811964	38.463	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.460	232	260285	43.130	ng	99
60) Diethylphthalate	10.560	149	915944	41.052	ng	100
61) 4-Chlorophenyl-phenyle...	10.683	204	440094	38.932	ng	100
62) 4-Nitroaniline	10.707	138	209454	47.716	ng	98
63) Azobenzene	10.848	77	882720	39.420	ng	99
65) 4,6-Dinitro-2-methylph...	10.730	198	135744	44.460	ng	97
66) n-Nitrosodiphenylamine	10.801	169	754210	37.289	ng	99
67) 4-Bromophenyl-phenylether	11.177	248	288791	37.516	ng	98
68) Hexachlorobenzene	11.248	284	289841	37.885	ng	98
69) Atrazine	11.325	200	256252	41.064	ng	99
70) Pentachlorophenol	11.436	266	219432	44.633	ng	97
71) Phenanthrene	11.666	178	1263501	38.124	ng	100
72) Anthracene	11.719	178	1278169	38.122	ng	100
73) Carbazole	11.872	167	1154292	40.304	ng	100
74) Di-n-butylphthalate	12.195	149	1334437	41.855	ng	100
75) Fluoranthene	12.866	202	1412423	41.488	ng	99
77) Benzidine	12.983	184	522111	47.739	ng	98
78) Pyrene	13.101	202	1414545	42.136	ng	99
80) Butylbenzylphthalate	13.707	149	489012	44.913	ng	96
81) Benzo(a)anthracene	14.295	228	1055433	40.558	ng	99
82) 3,3'-Dichlorobenzidine	14.248	252	300596	41.477	ng	# 98
83) Chrysene	14.330	228	971594	39.224	ng	99
84) Bis(2-ethylhexyl)phtha...	14.266	149	600615	41.510	ng	100
85) Di-n-octyl phthalate	14.907	149	741305	37.242	ng	99
87) Indeno(1,2,3-cd)pyrene	17.565	276	980668	39.299	ng	100
88) Benzo(b)fluoranthene	15.418	252	808566	41.904	ng	99
89) Benzo(k)fluoranthene	15.454	252	758452	38.541	ng	100
90) Benzo(a)pyrene	15.830	252	750850	40.451	ng	99
91) Dibenzo(a,h)anthracene	17.583	278	790728	42.159	ng	98
92) Benzo(g,h,i)perylene	18.077	276	848184	39.619	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

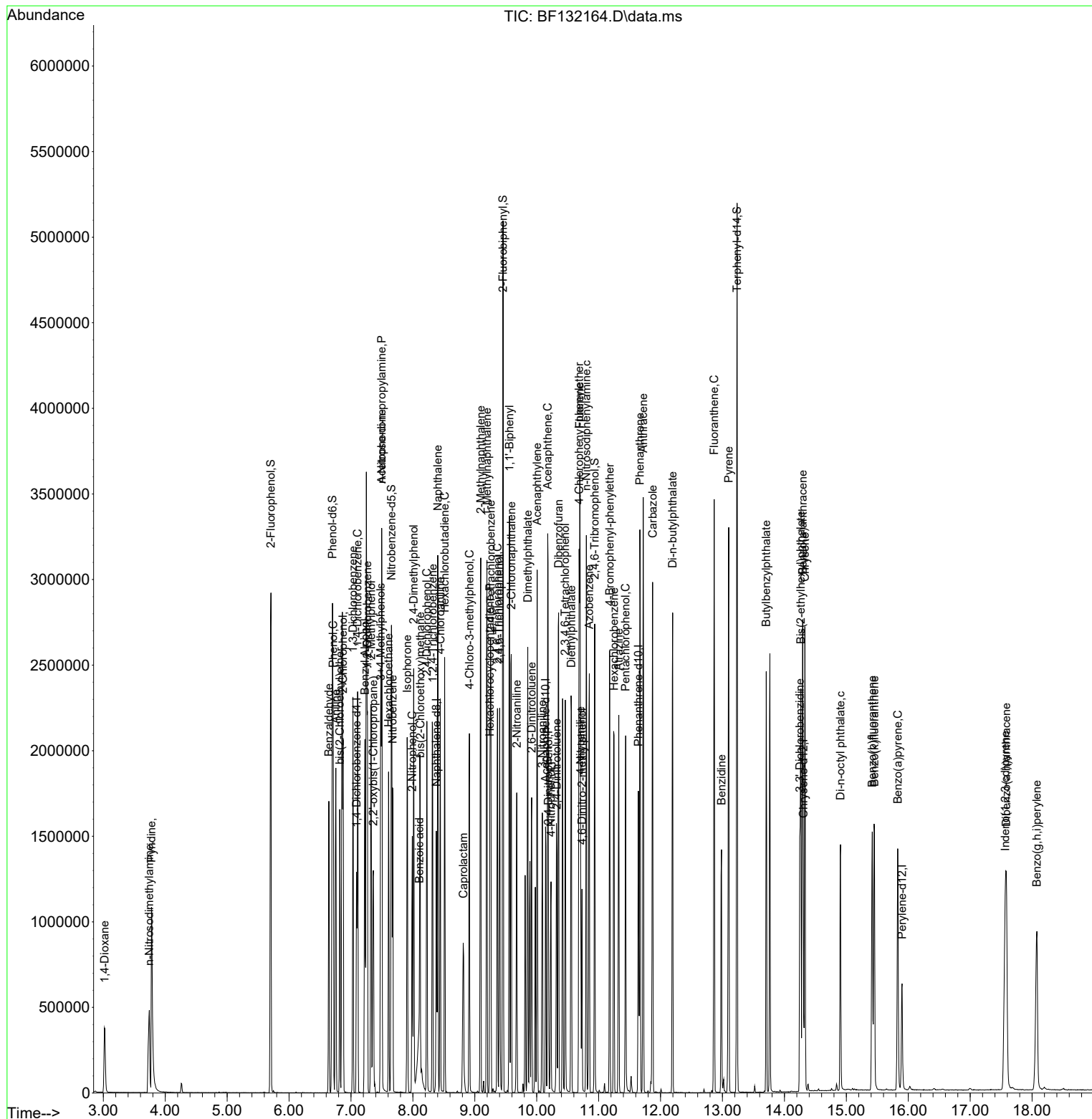
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\  
Data File : BF132164.D  
Acq On    : 20 Jan 2023  16:40  
Operator  : CG\JU  
Sample    : SSTDCCC040  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
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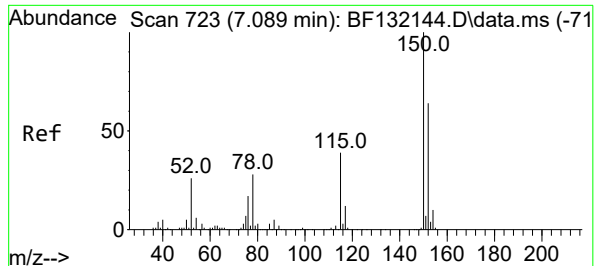
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jaqrut Upadhyay 01/23/2023

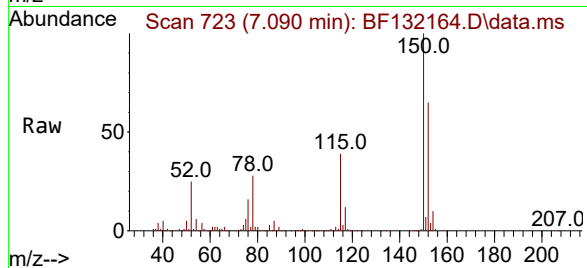
Quant Time: Jan 21 03:53:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 20 00:50:42 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.090 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF132164.D
Acq: 20 Jan 2023 16:40

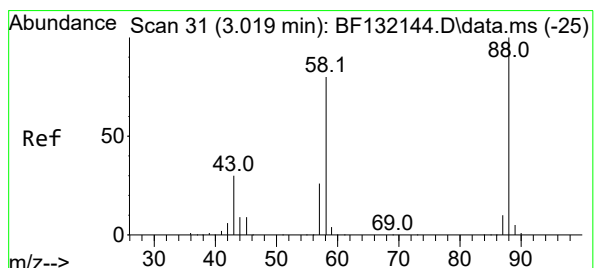
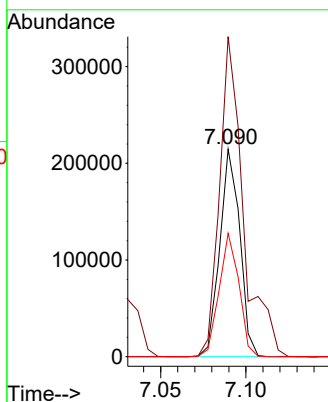
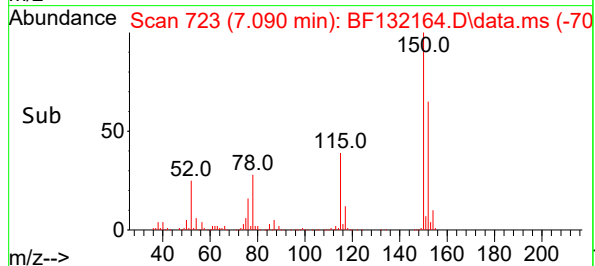
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 175584
Ion Ratio Lower Upper
152 100
150 154.2 125.8 188.8
115 59.5 49.2 73.8

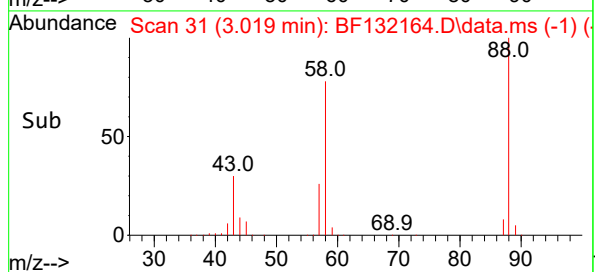
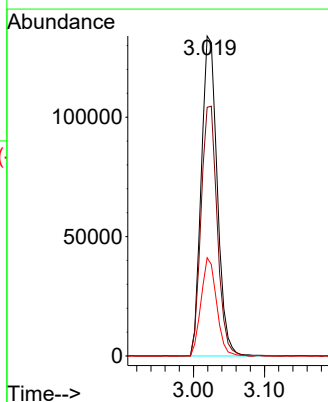
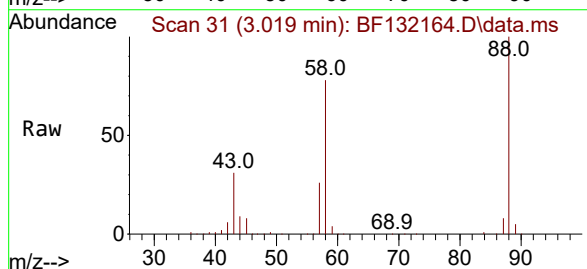
Manual Integrations
APPROVED

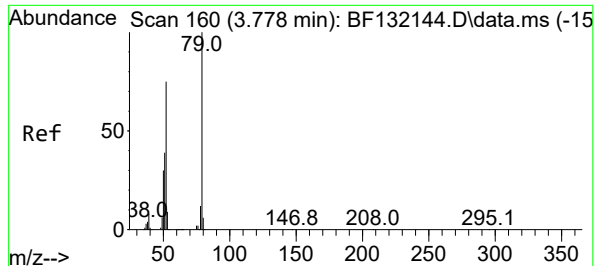
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#2
1,4-Dioxane
Concen: 41.113 ng
RT: 3.019 min Scan# 31
Delta R.T. 0.000 min
Lab File: BF132164.D
Acq: 20 Jan 2023 16:40

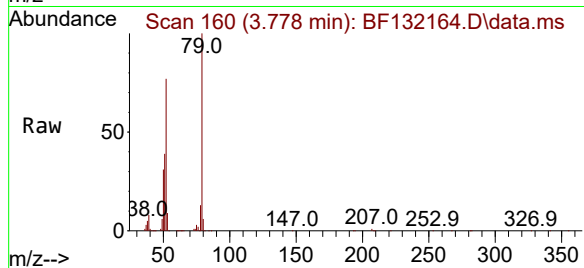
Tgt Ion: 88 Resp: 209354
Ion Ratio Lower Upper
88 100
58 78.8 64.0 96.0
43 29.9 24.2 36.4





#3
Pyridine
Concen: 41.245 ng
RT: 3.778 min Scan# 160
Delta R.T. 0.000 min
Lab File: BF132164.D
Acq: 20 Jan 2023 16:40

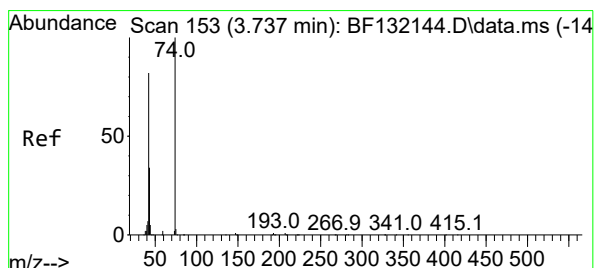
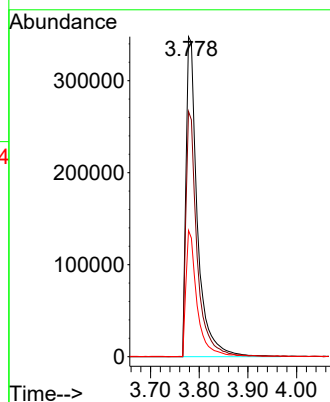
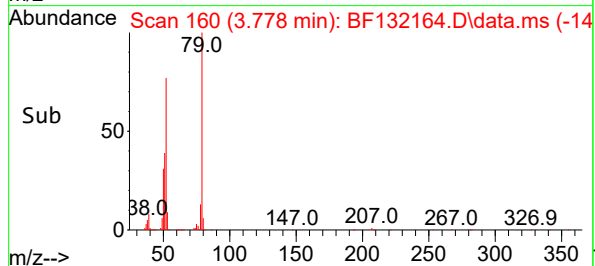
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 563820
Ion Ratio Lower Upper
79 100
52 76.6 60.1 90.1
51 39.4 31.4 47.0

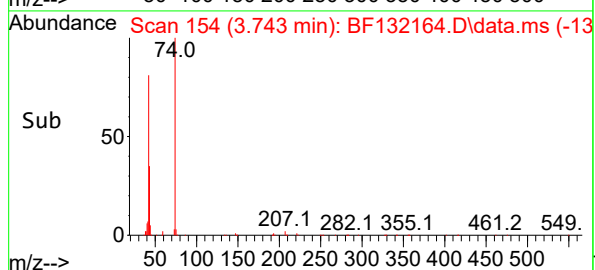
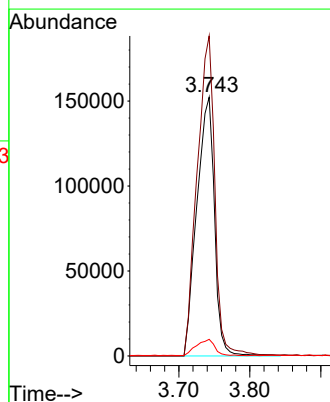
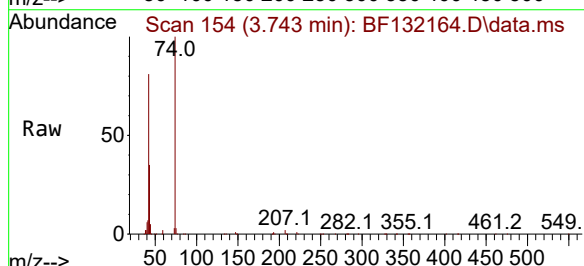
Manual Integrations
APPROVED

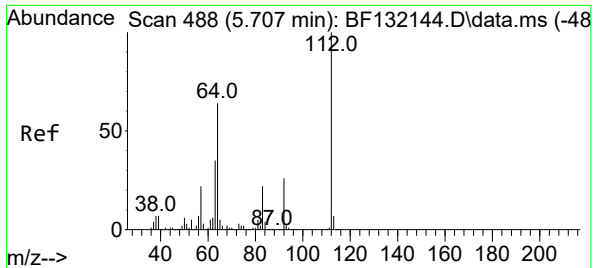
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#4
n-Nitrosodimethylamine
Concen: 41.002 ng
RT: 3.743 min Scan# 154
Delta R.T. 0.006 min
Lab File: BF132164.D
Acq: 20 Jan 2023 16:40

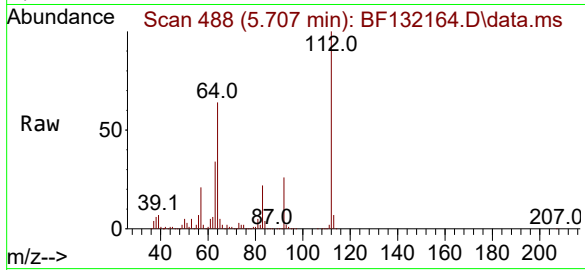
Tgt Ion: 42 Resp: 263601
Ion Ratio Lower Upper
42 100
74 123.7 98.1 147.1
44 6.4 5.2 7.8





#5
2-Fluorophenol
Concen: 77.926 ng
RT: 5.707 min Scan# 488
Delta R.T. 0.000 min
Lab File: BF132164.D
Acq: 20 Jan 2023 16:40

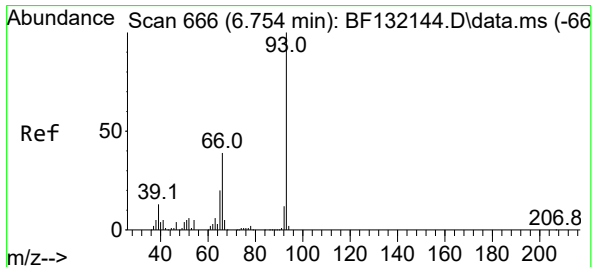
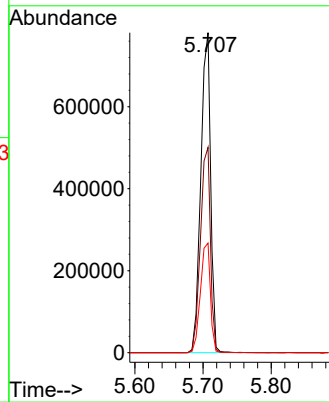
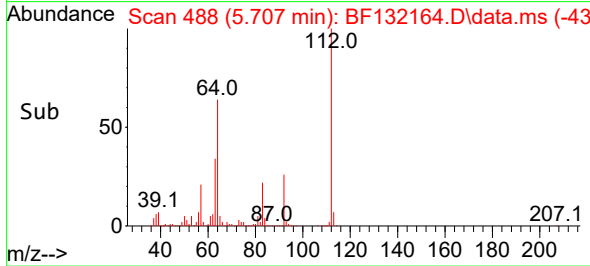
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 112 Resp: 783250
Ion Ratio Lower Upper
112 100
64 64.1 51.4 77.0
63 34.2 28.2 42.2

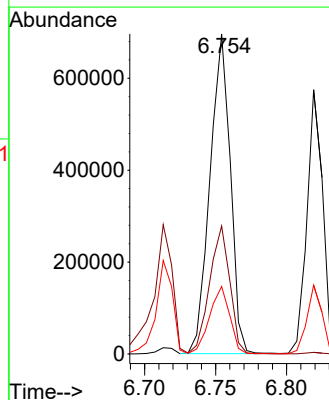
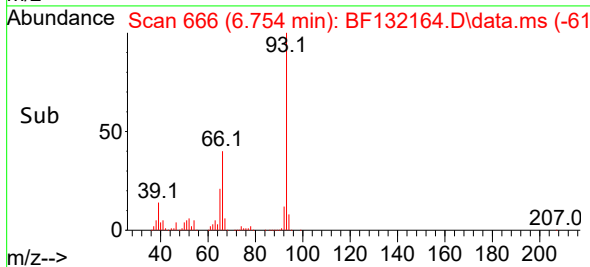
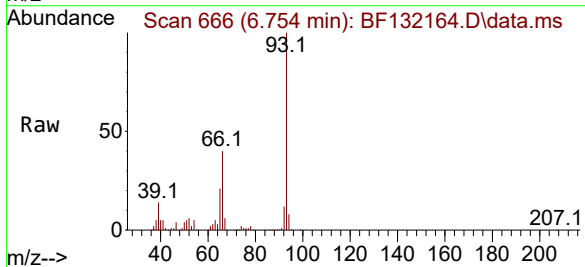
Manual Integrations
APPROVED

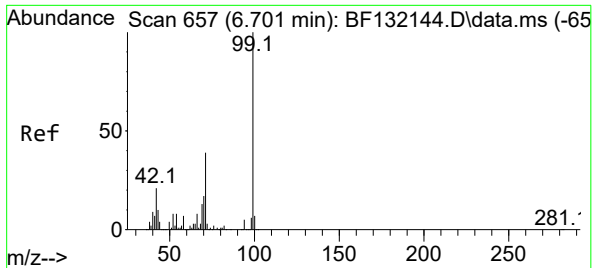
Reviewed By : Christian Giraldo 01/23/2023
Supervised By : Jagrut Upadhyay 01/23/2023



#6
Aniline
Concen: 39.511 ng
RT: 6.754 min Scan# 666
Delta R.T. 0.000 min
Lab File: BF132164.D
Acq: 20 Jan 2023 16:40

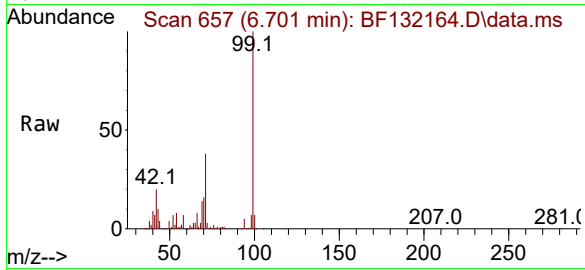
Tgt Ion: 93 Resp: 692444
Ion Ratio Lower Upper
93 100
66 40.0 33.0 49.6
65 21.1 16.8 25.2





#7
Phenol-d6
Concen: 78.397 ng
RT: 6.701 min Scan# 657
Delta R.T. 0.000 min
Lab File: BF132164.D
Acq: 20 Jan 2023 16:40

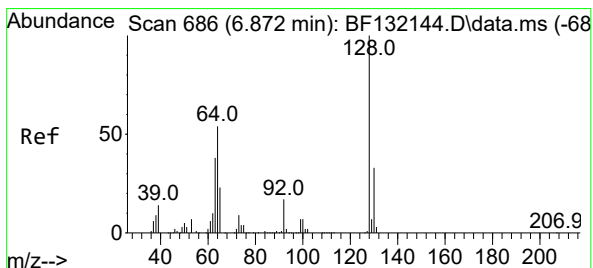
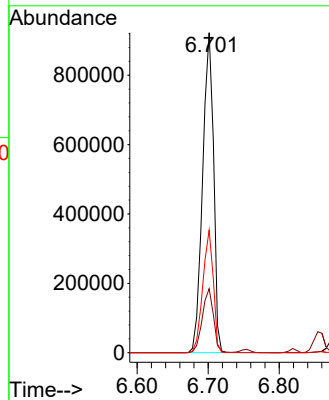
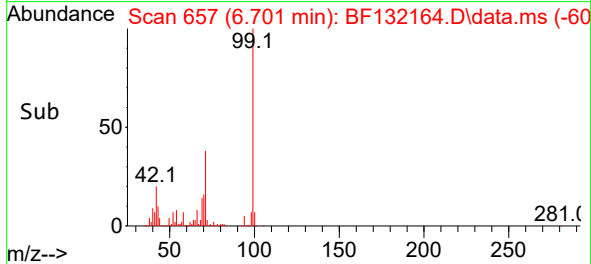
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 99 Resp: 99193
Ion Ratio Lower Upper
99 100
42 20.0 16.6 24.8
71 38.3 30.8 46.2

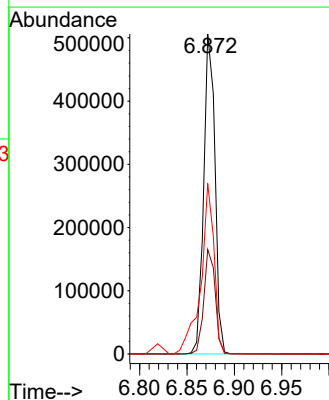
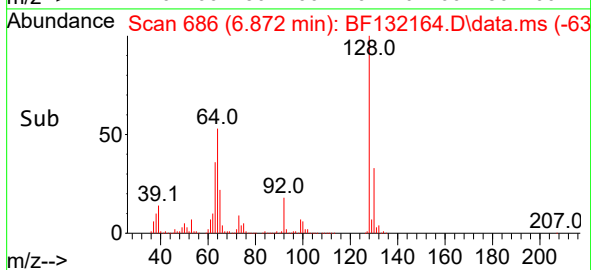
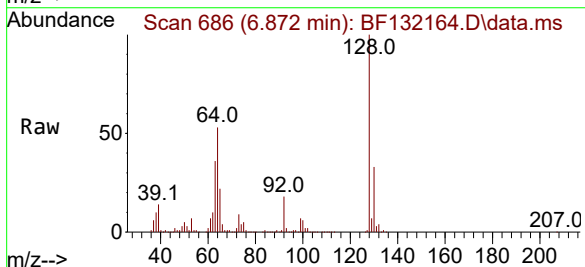
Manual Integrations
APPROVED

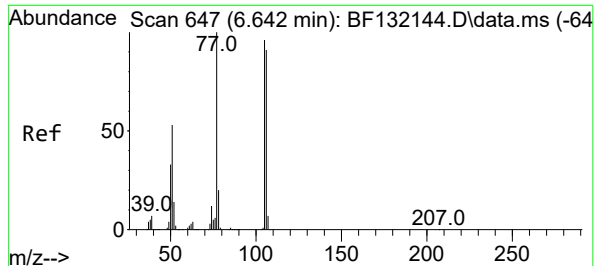
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#8
2-Chlorophenol
Concen: 39.735 ng
RT: 6.872 min Scan# 686
Delta R.T. 0.000 min
Lab File: BF132164.D
Acq: 20 Jan 2023 16:40

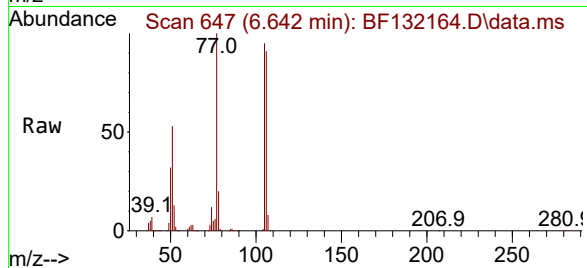
Tgt Ion:128 Resp: 419812
Ion Ratio Lower Upper
128 100
130 32.7 12.8 52.8
64 53.3 34.8 74.8





#9
Benzaldehyde
Concen: 39.554 ng
RT: 6.642 min Scan# 647
Delta R.T. 0.000 min
Lab File: BF132164.D
Acq: 20 Jan 2023 16:40

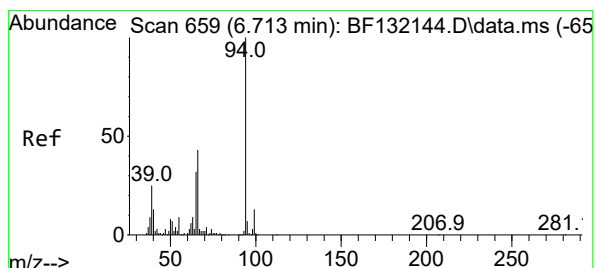
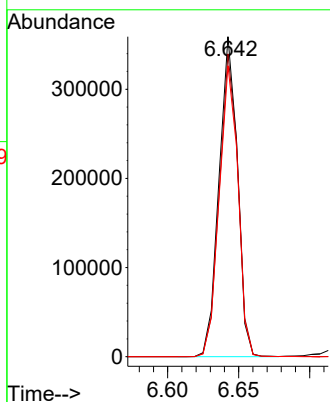
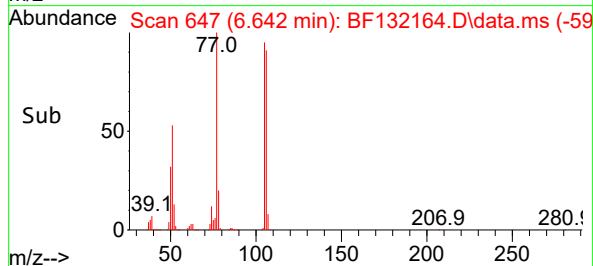
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



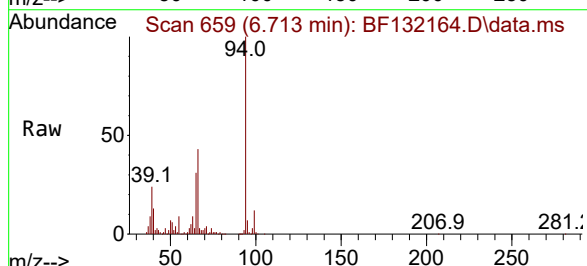
Tgt Ion: 77 Resp: 321960
Ion Ratio Lower Upper
77 100
105 94.7 75.5 115.5
106 91.0 70.7 110.7

Manual Integrations
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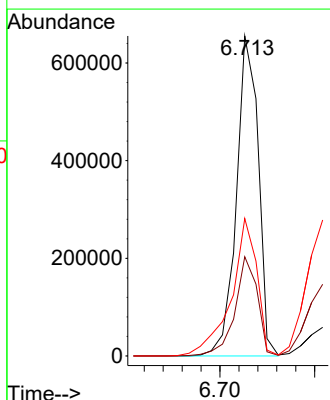
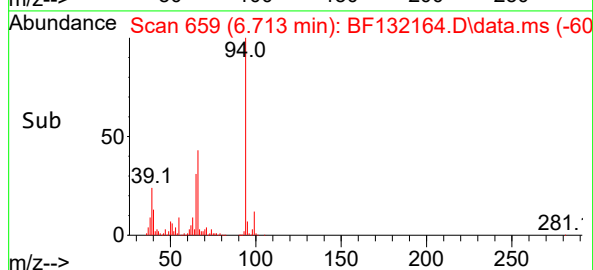
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

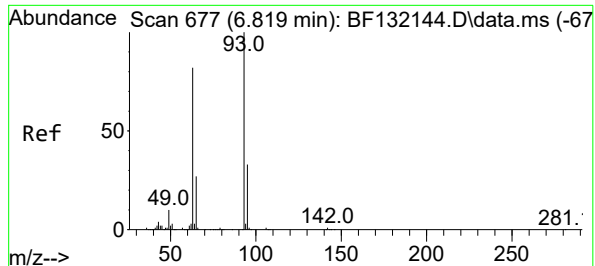


#10
Phenol
Concen: 39.818 ng
RT: 6.713 min Scan# 659
Delta R.T. 0.000 min
Lab File: BF132164.D
Acq: 20 Jan 2023 16:40



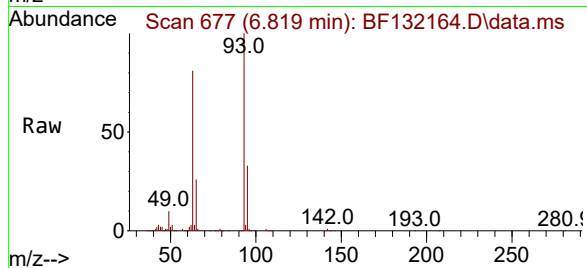
Tgt Ion: 94 Resp: 524478
Ion Ratio Lower Upper
94 100
65 31.0 12.0 52.0
66 43.0 22.7 62.7





#11
bis(2-Chloroethyl)ether
Concen: 39.184 ng
RT: 6.819 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132164.D
Acq: 20 Jan 2023 16:40

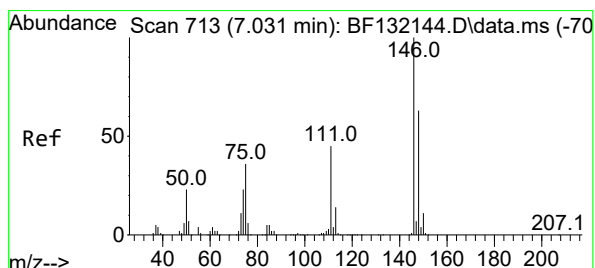
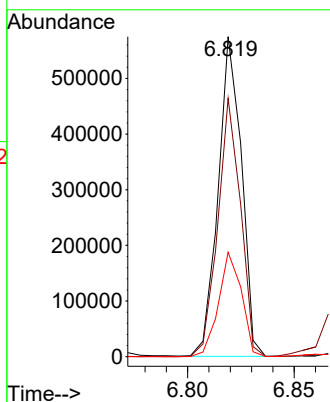
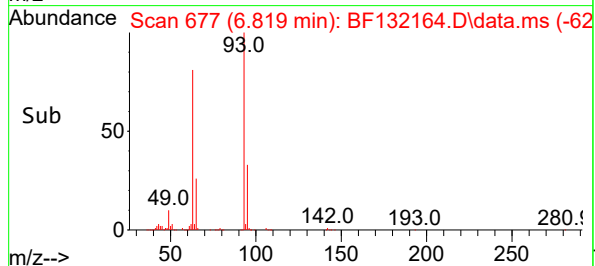
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



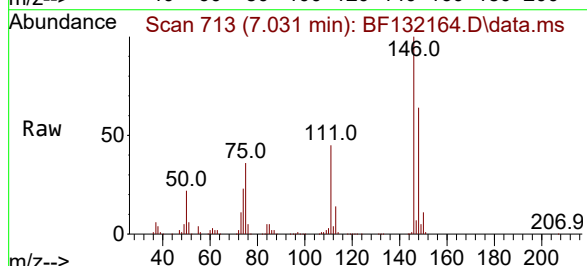
Tgt Ion: 93 Resp: 436932
Ion Ratio Lower Upper
93 100
63 80.7 61.6 101.6
95 32.6 12.7 52.7

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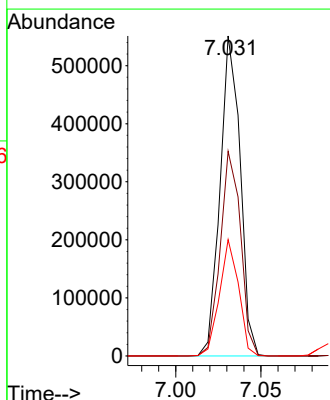
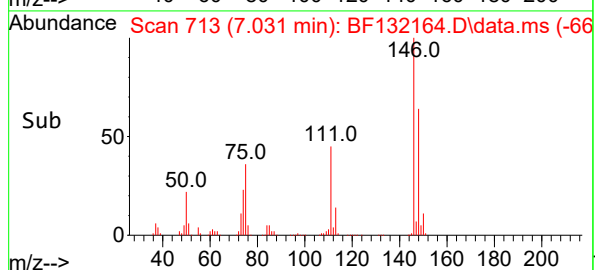
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

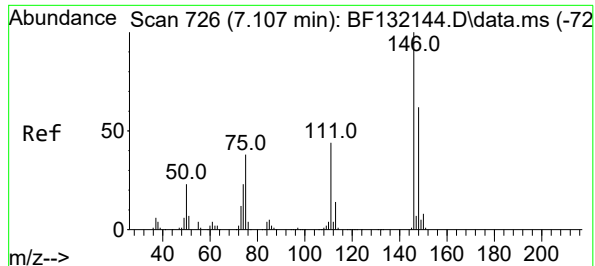


#12
1,3-Dichlorobenzene
Concen: 38.329 ng
RT: 7.031 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF132164.D
Acq: 20 Jan 2023 16:40



Tgt Ion:146 Resp: 452668
Ion Ratio Lower Upper
146 100
148 63.9 50.0 75.0
75 36.3 28.8 43.2





#13

1,4-Dichlorobenzene

Concen: 38.757 ng

RT: 7.107 min Scan# 726

Delta R.T. 0.000 min

Lab File: BF132164.D

Acq: 20 Jan 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 456734

Ion Ratio Lower Upper

146 100

148 62.7 49.9 74.9

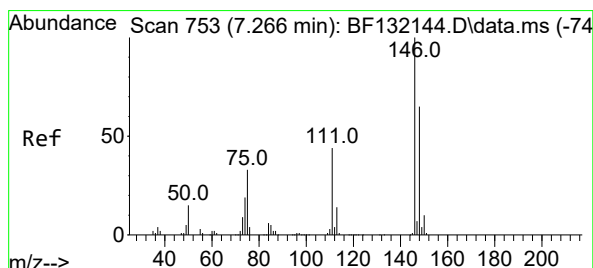
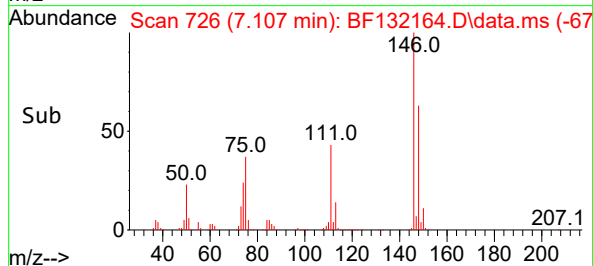
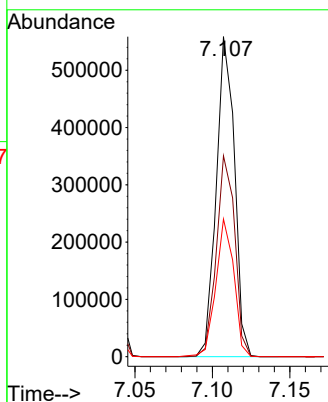
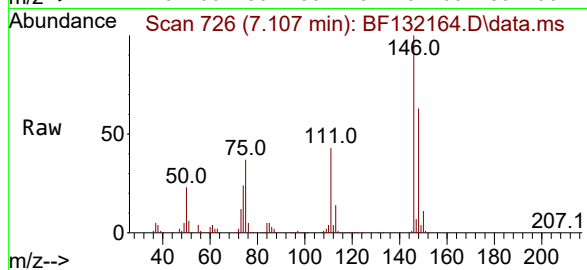
111 43.0 35.2 52.8

Manual Integrations

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Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#14

1,2-Dichlorobenzene

Concen: 38.675 ng

RT: 7.266 min Scan# 753

Delta R.T. 0.000 min

Lab File: BF132164.D

Acq: 20 Jan 2023 16:40

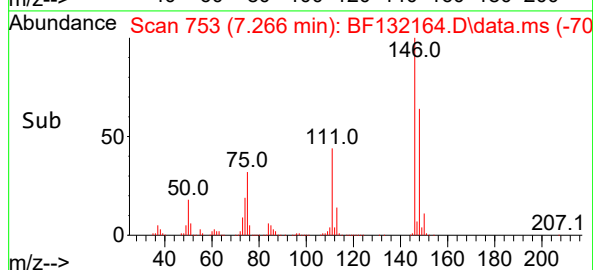
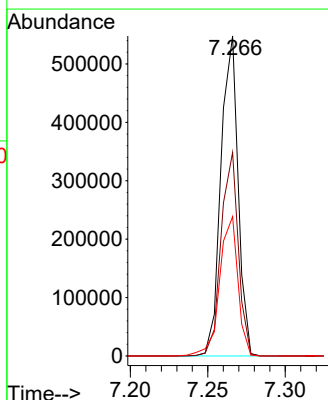
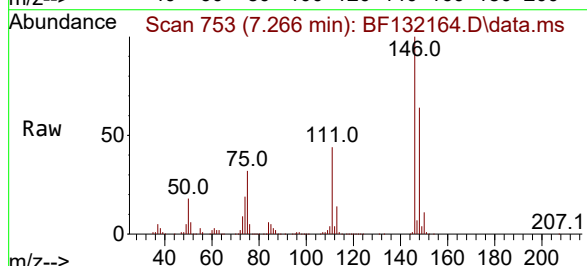
Tgt Ion:146 Resp: 421431

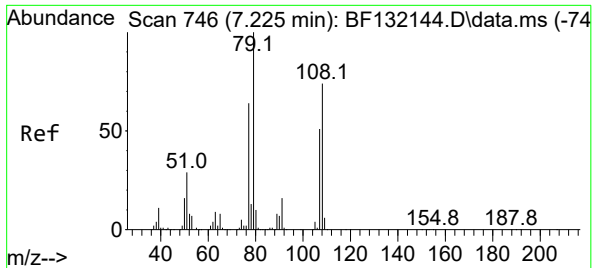
Ion Ratio Lower Upper

146 100

148 63.6 52.0 78.0

111 43.5 35.4 53.2





#15

Benzyl Alcohol

Concen: 40.227 ng m

RT: 7.225 min Scan# 746

Delta R.T. 0.000 min

Lab File: BF132164.D

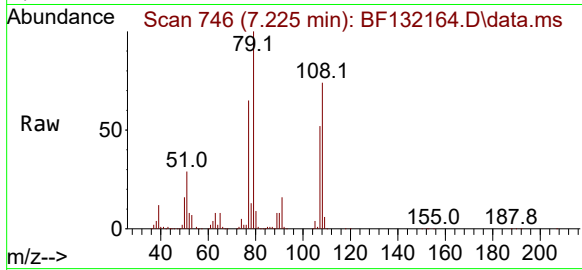
Acq: 20 Jan 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 79 Resp: 389314

Ion Ratio Lower Upper

79 100

108 74.4 58.9 88.3

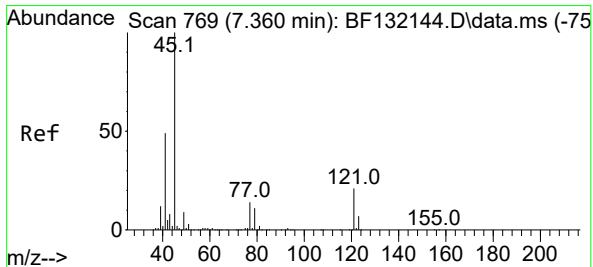
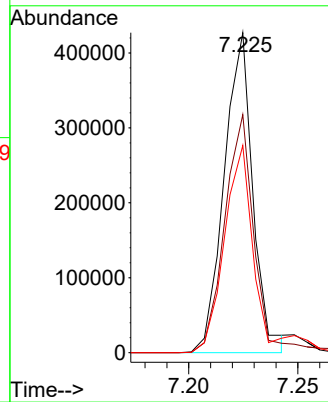
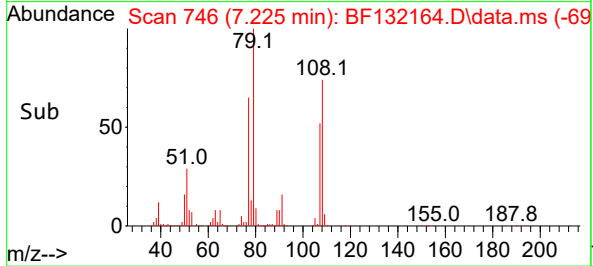
77 64.8 51.1 76.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.490 ng

RT: 7.360 min Scan# 769

Delta R.T. 0.000 min

Lab File: BF132164.D

Acq: 20 Jan 2023 16:40

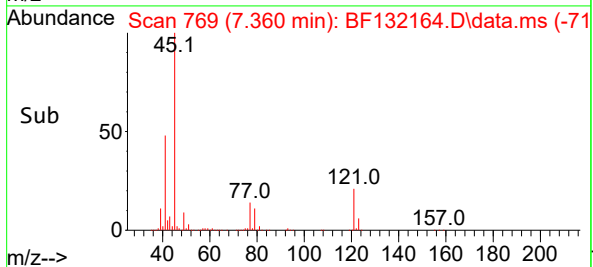
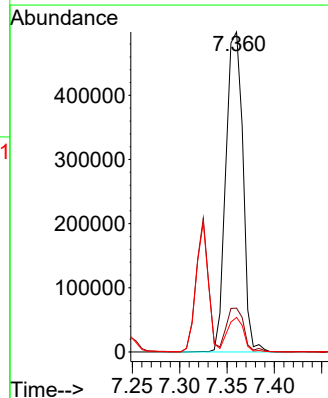
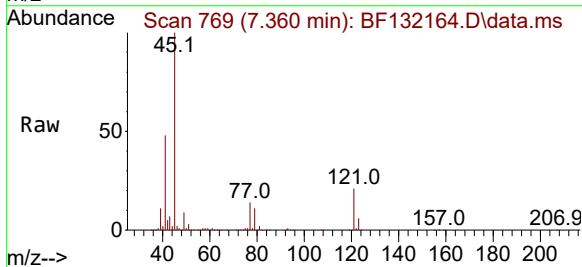
Tgt Ion: 45 Resp: 623784

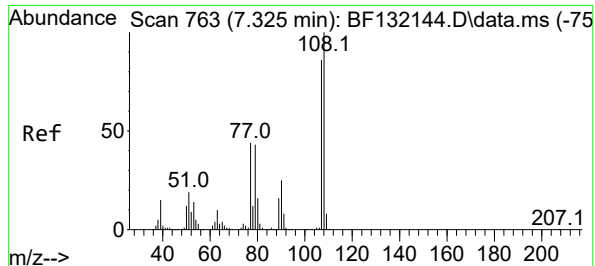
Ion Ratio Lower Upper

45 100

77 13.7 0.0 34.3

79 10.8 0.0 30.9





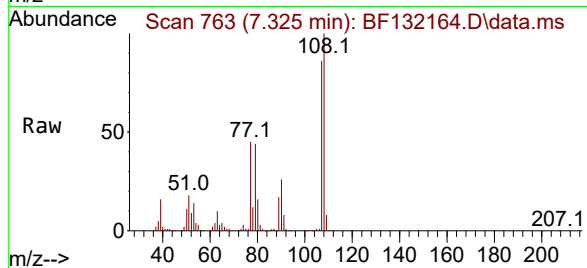
#17
2-Methylphenol
Concen: 39.660 ng
RT: 7.325 min Scan# 763
Delta R.T. -0.000 min
Lab File: BF132164.D
Acq: 20 Jan 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

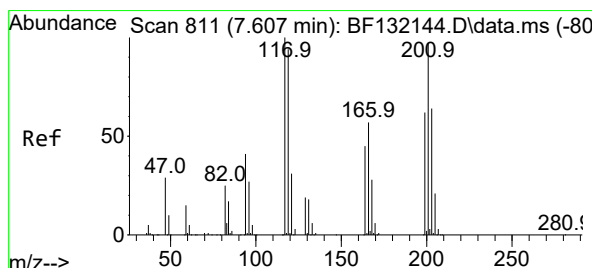
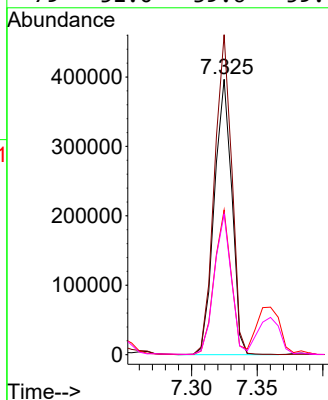
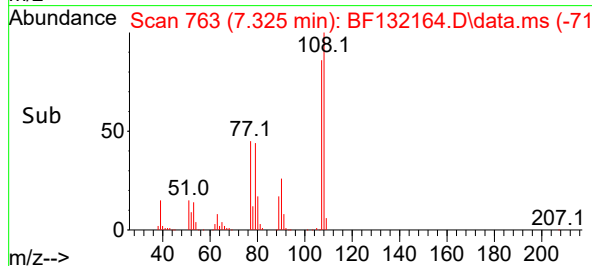


Tgt Ion:107 Resp: 367095
Ion Ratio Lower Upper
107 100
108 116.2 92.8 139.2
77 52.5 41.1 61.7
79 51.0 39.6 59.4

Manual Integrations

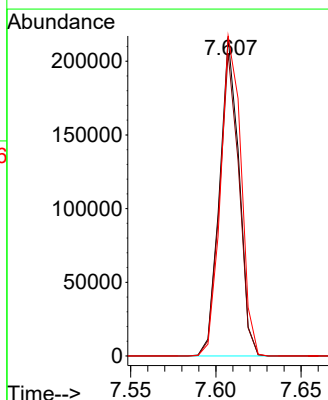
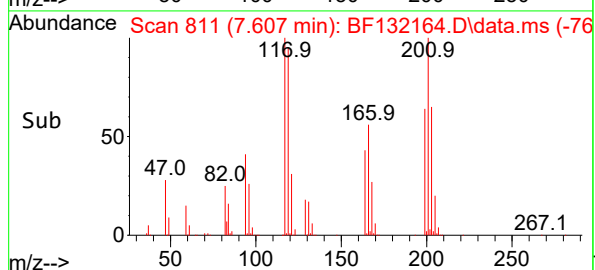
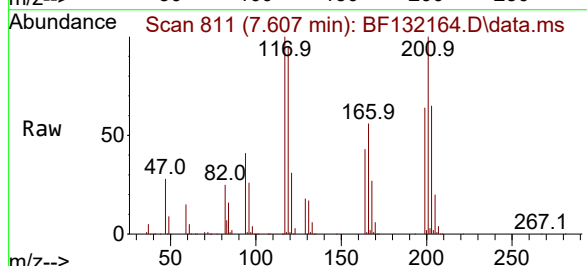
APPROVED

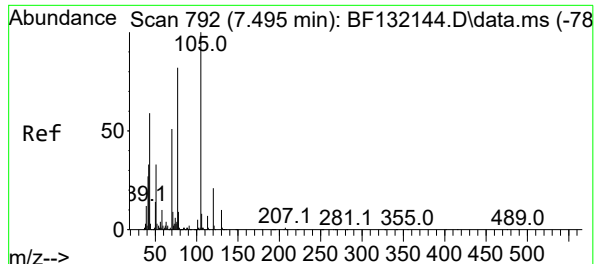
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#18
Hexachloroethane
Concen: 40.476 ng
RT: 7.607 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF132164.D
Acq: 20 Jan 2023 16:40

Tgt Ion:117 Resp: 171225
Ion Ratio Lower Upper
117 100
119 95.0 75.4 113.0
201 100.5 77.9 116.9





#19

n-Nitroso-di-n-propylamine

Concen: 37.735 ng

RT: 7.495 min Scan# 792

Delta R.T. 0.000 min

Lab File: BF132164.D

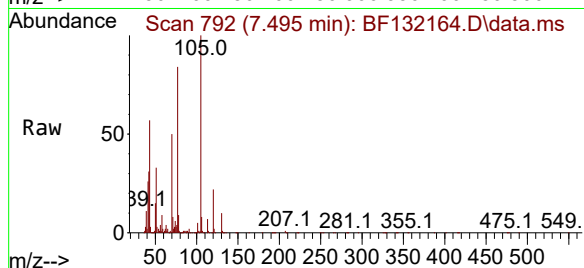
Acq: 20 Jan 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 292458

Ion Ratio Lower Upper

70 100

42 62.0 51.0 76.4

101 9.3 7.3 10.9

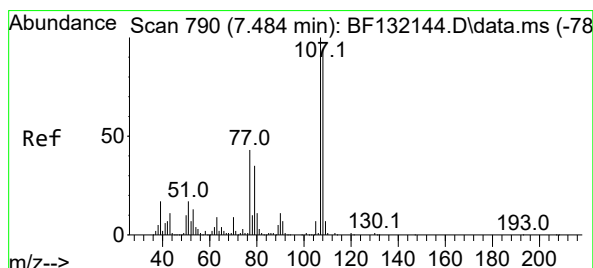
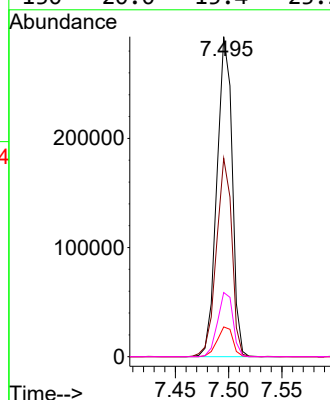
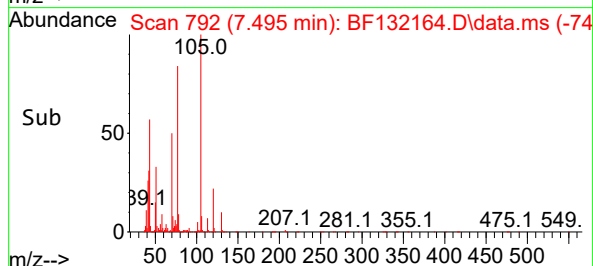
130 20.0 15.4 23.2

Manual Integrations

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Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#20

3+4-Methylphenols

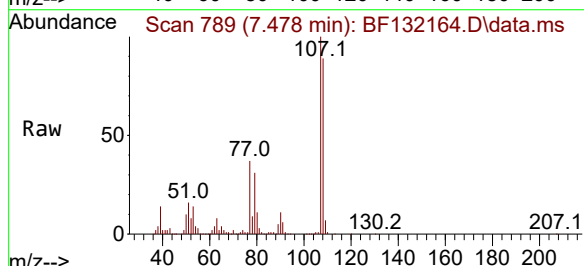
Concen: 39.983 ng

RT: 7.478 min Scan# 789

Delta R.T. -0.006 min

Lab File: BF132164.D

Acq: 20 Jan 2023 16:40



Tgt Ion:107 Resp: 466332

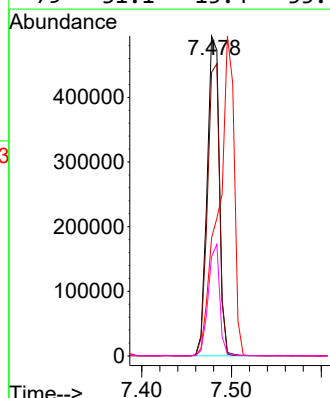
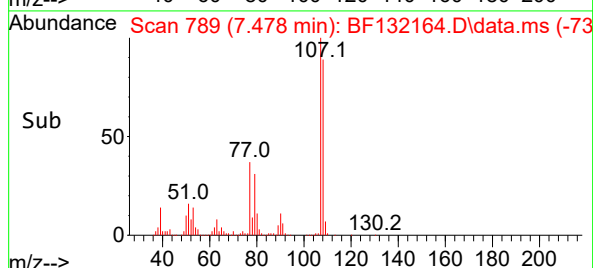
Ion Ratio Lower Upper

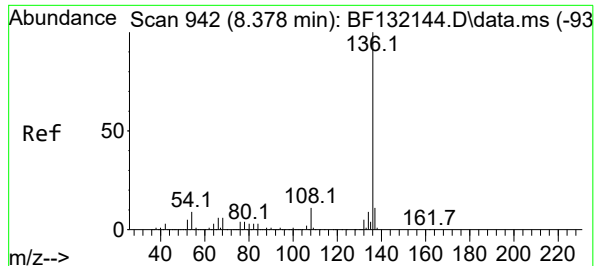
107 100

108 88.6 73.8 113.8

77 36.9 22.8 62.8

79 31.1 15.4 55.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.378 min Scan# 942

Delta R.T. -0.000 min

Lab File: BF132164.D

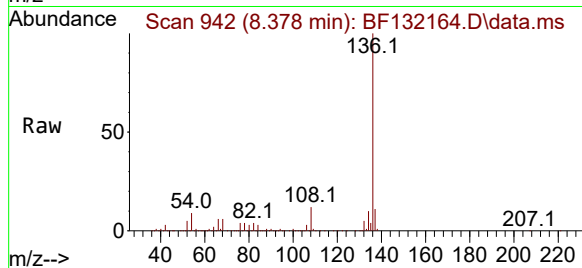
Acq: 20 Jan 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:136 Resp: 590884

Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.9 7.0 10.6

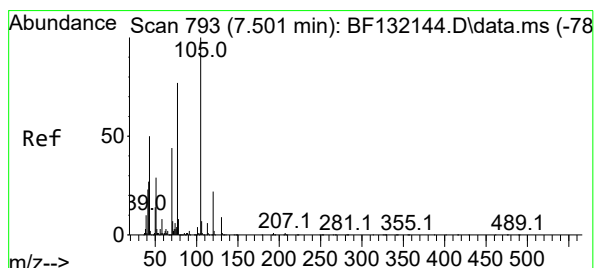
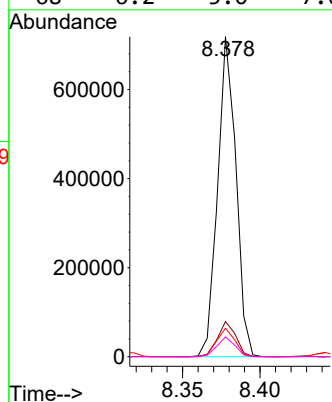
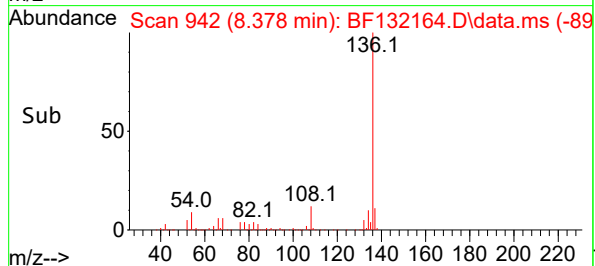
68 6.2 5.0 7.6

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Supervised By :Jagrut Upadhyay 01/23/2023



#22

Acetophenone

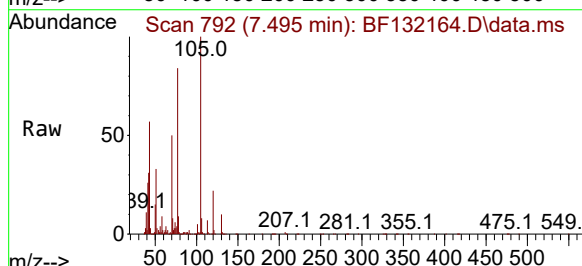
Concen: 38.310 ng

RT: 7.495 min Scan# 792

Delta R.T. -0.006 min

Lab File: BF132164.D

Acq: 20 Jan 2023 16:40



Tgt Ion:105 Resp: 544080

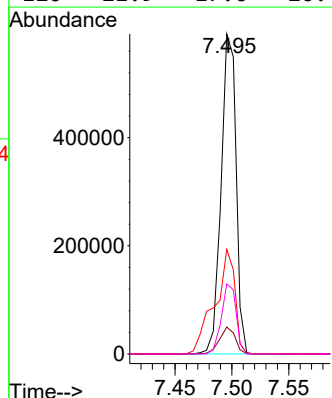
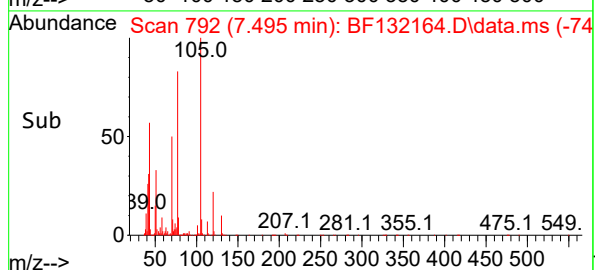
Ion Ratio Lower Upper

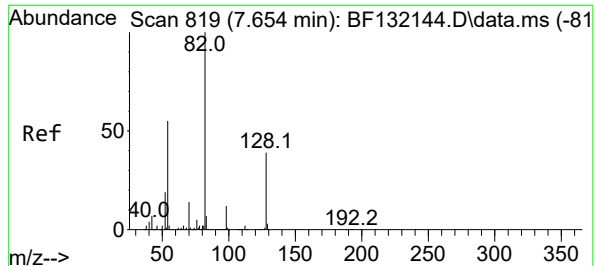
105 100

71 8.4 5.8 8.6

51 32.7 23.0 34.6

120 21.9 17.6 26.4





#23

Nitrobenzene-d5

Concen: 83.538 ng

RT: 7.654 min Scan# 819

Delta R.T. 0.000 min

Lab File: BF132164.D

Acq: 20 Jan 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 92918

Ion Ratio Lower Upper

82 100

128 40.2 31.1 46.7

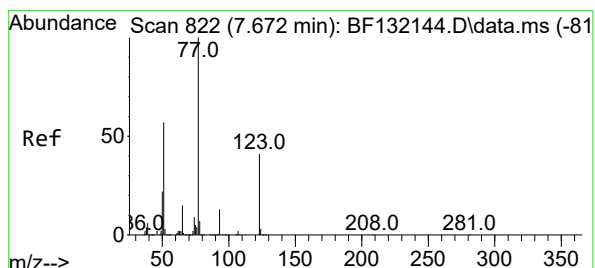
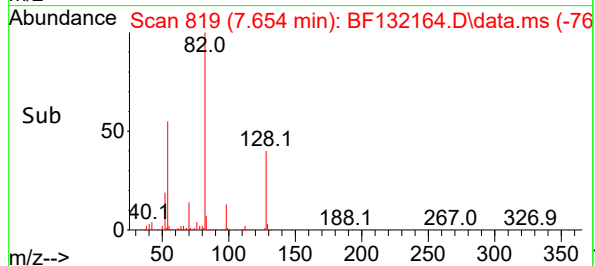
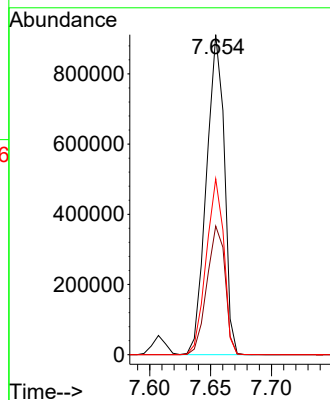
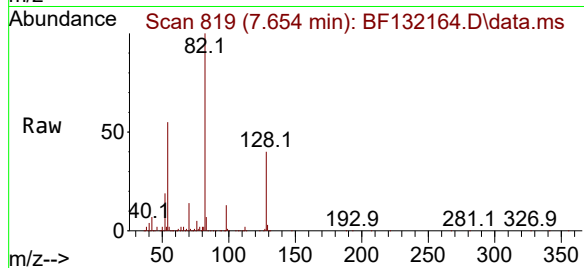
54 54.9 43.9 65.9

Manual Integrations

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Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#24

Nitrobenzene

Concen: 40.981 ng

RT: 7.672 min Scan# 822

Delta R.T. -0.000 min

Lab File: BF132164.D

Acq: 20 Jan 2023 16:40

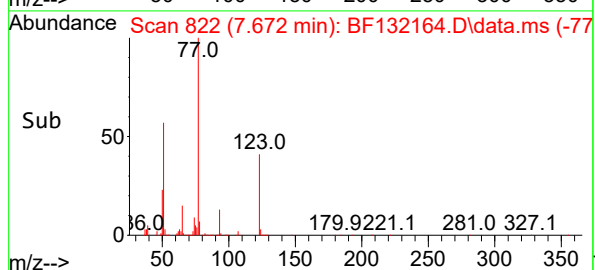
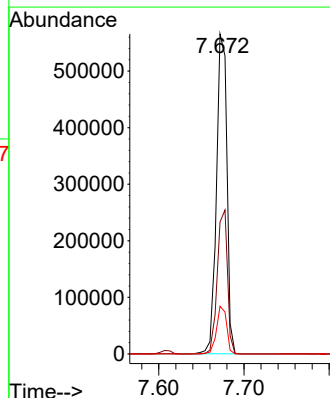
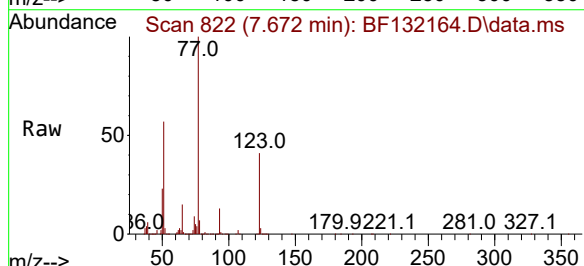
Tgt Ion: 77 Resp: 482635

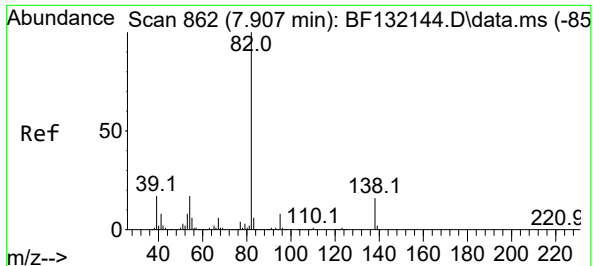
Ion Ratio Lower Upper

77 100

123 41.2 33.1 49.7

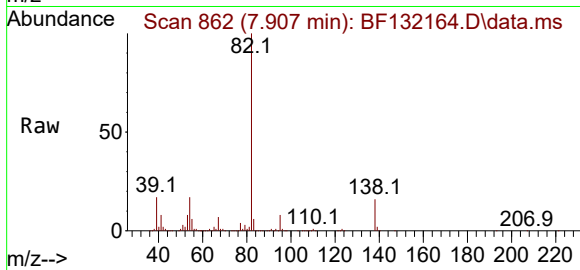
65 14.9 11.7 17.5





#25
Isophorone
Concen: 39.448 ng
RT: 7.907 min Scan# 862
Delta R.T. 0.000 min
Lab File: BF132164.D
Acq: 20 Jan 2023 16:40

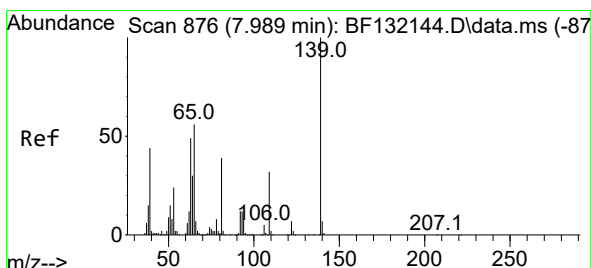
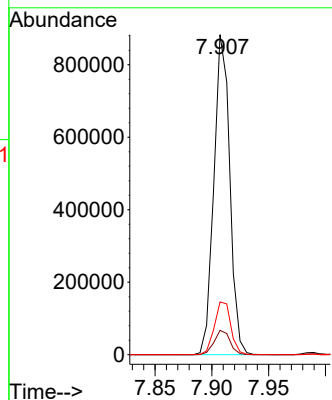
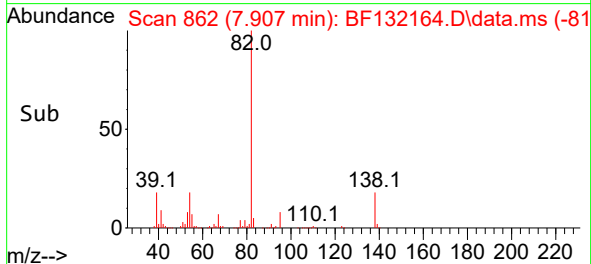
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 82 Resp: 85852
Ion Ratio Lower Upper
82 100
95 7.6 6.2 9.2
138 16.5 12.9 19.3

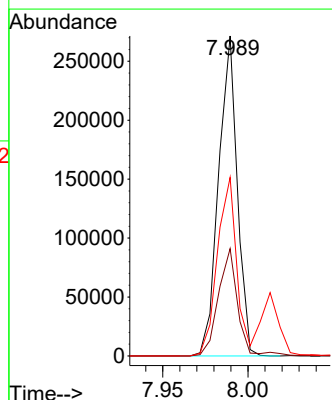
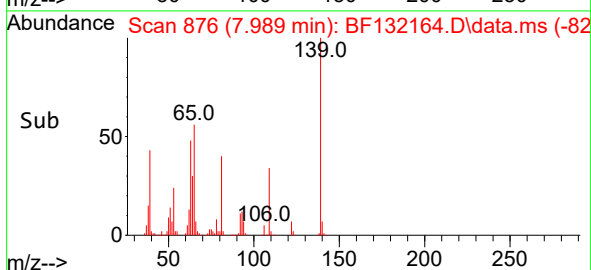
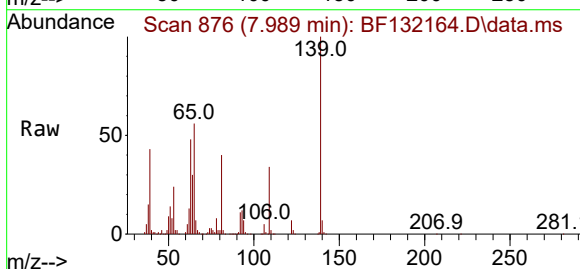
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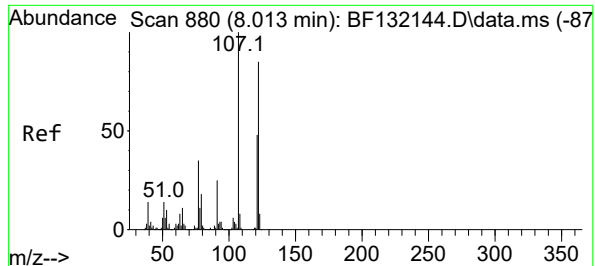
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#26
2-Nitrophenol
Concen: 46.464 ng
RT: 7.989 min Scan# 876
Delta R.T. 0.000 min
Lab File: BF132164.D
Acq: 20 Jan 2023 16:40

Tgt Ion:139 Resp: 207296
Ion Ratio Lower Upper
139 100
109 33.6 25.8 38.8
65 55.8 44.6 66.8





#27

2,4-Dimethylphenol

Concen: 40.006 ng

RT: 8.013 min Scan# 880

Delta R.T. -0.000 min

Lab File: BF132164.D

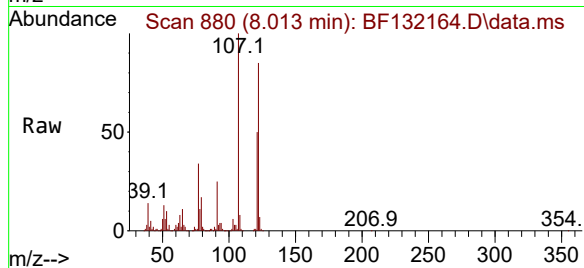
Acq: 20 Jan 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:122 Resp: 37674

Ion Ratio Lower Upper

122 100

107 118.0 94.2 141.4

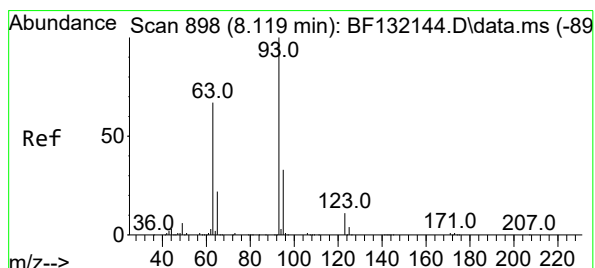
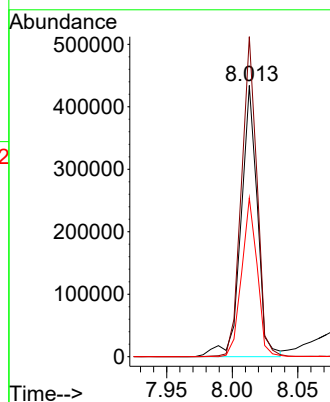
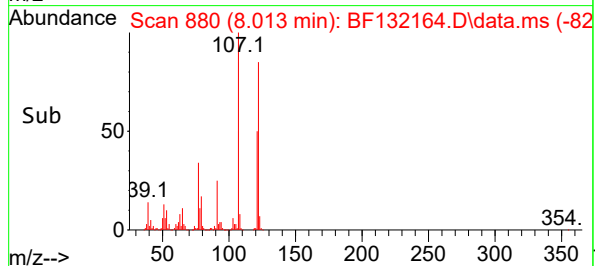
121 58.5 45.6 68.4

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#28

bis(2-Chloroethoxy)methane

Concen: 39.255 ng

RT: 8.119 min Scan# 898

Delta R.T. -0.000 min

Lab File: BF132164.D

Acq: 20 Jan 2023 16:40

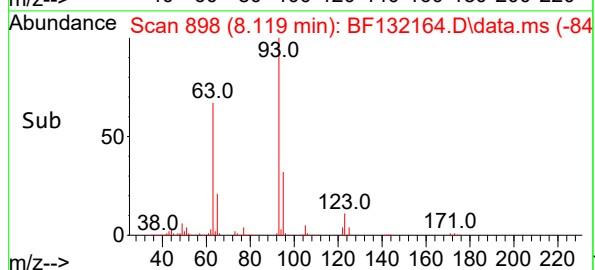
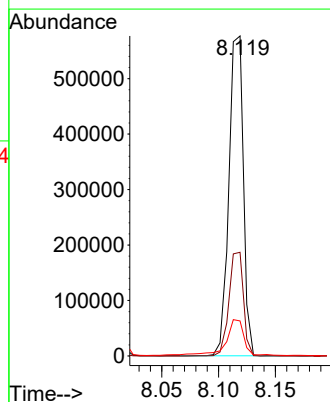
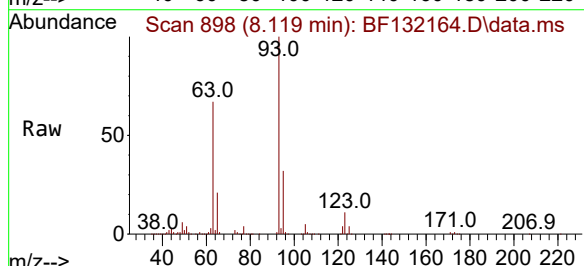
Tgt Ion: 93 Resp: 512581

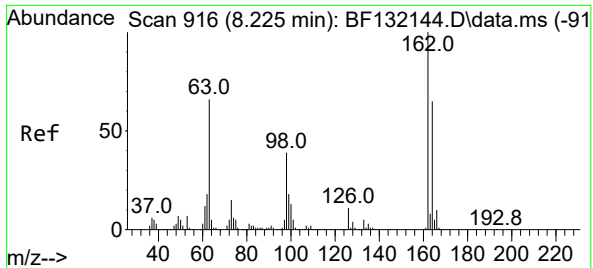
Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.2

123 10.9 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 41.089 ng

RT: 8.225 min Scan# 916

Delta R.T. -0.000 min

Lab File: BF132164.D

Acq: 20 Jan 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 367359

Ion Ratio Lower Upper

162 100

164 64.5 44.7 84.7

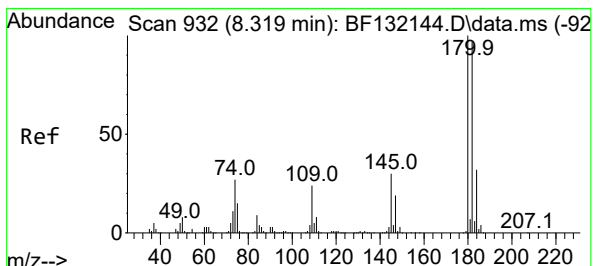
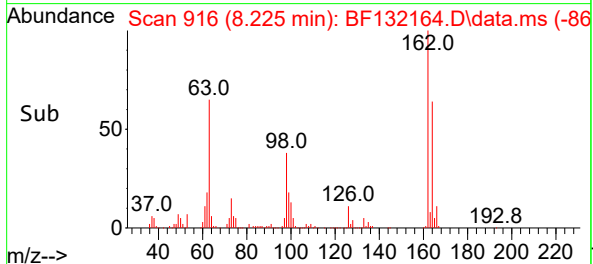
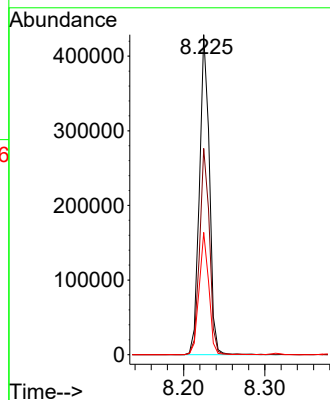
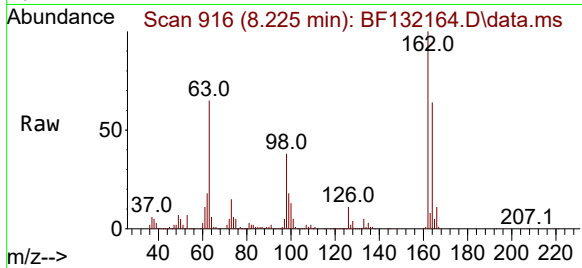
98 38.2 18.8 58.8

Manual Integrations

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Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#30

1,2,4-Trichlorobenzene

Concen: 39.014 ng

RT: 8.319 min Scan# 932

Delta R.T. 0.000 min

Lab File: BF132164.D

Acq: 20 Jan 2023 16:40

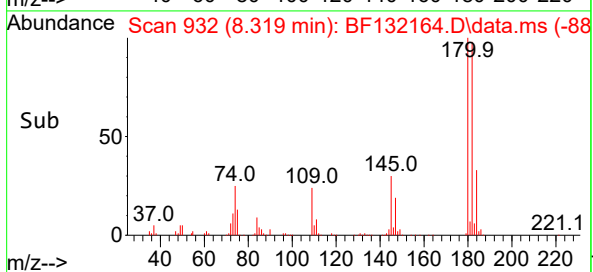
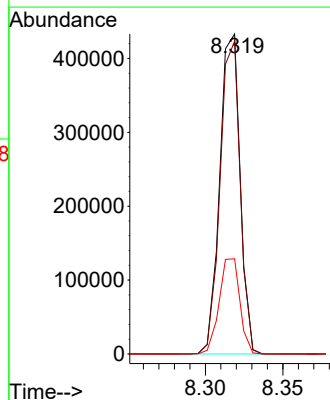
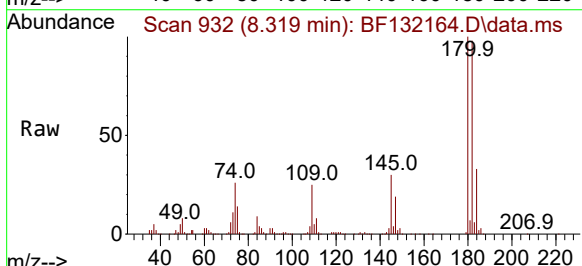
Tgt Ion:180 Resp: 396183

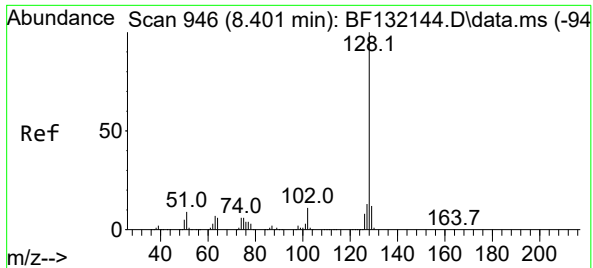
Ion Ratio Lower Upper

180 100

182 97.8 77.4 116.0

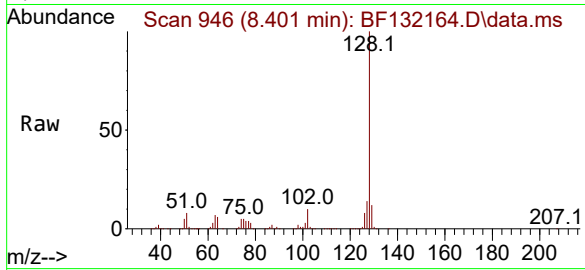
145 29.8 23.8 35.6





#31
Naphthalene
Concen: 39.269 ng
RT: 8.401 min Scan# 946
Delta R.T. 0.000 min
Lab File: BF132164.D
Acq: 20 Jan 2023 16:40

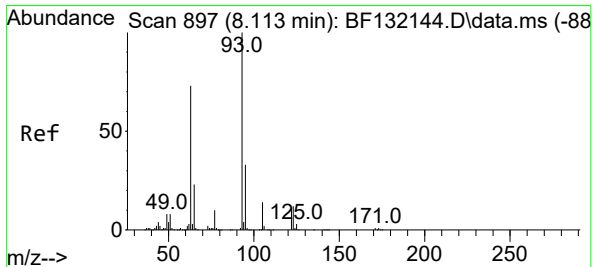
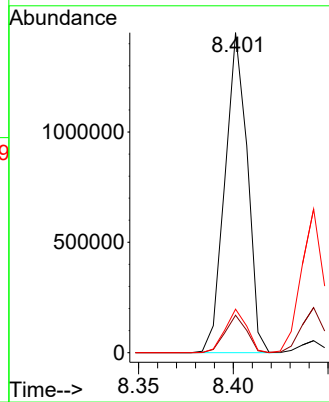
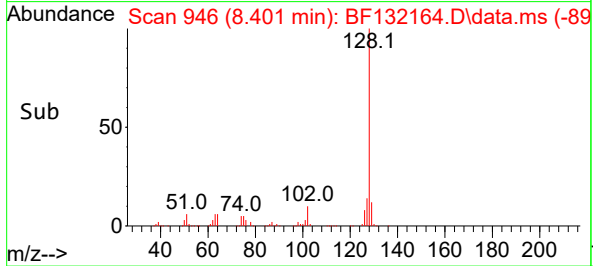
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 1191679
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 13.6 10.6 15.8

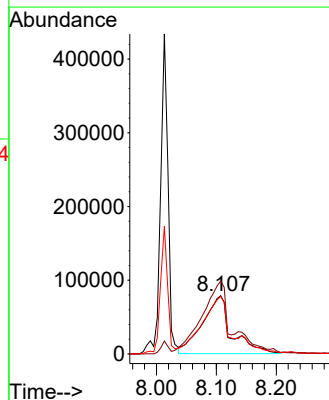
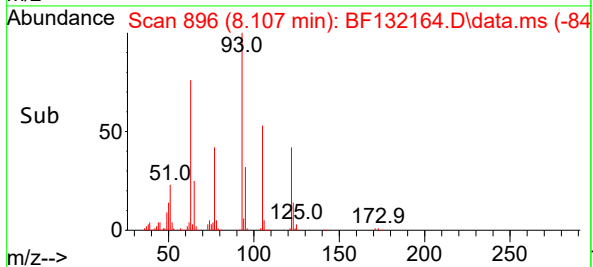
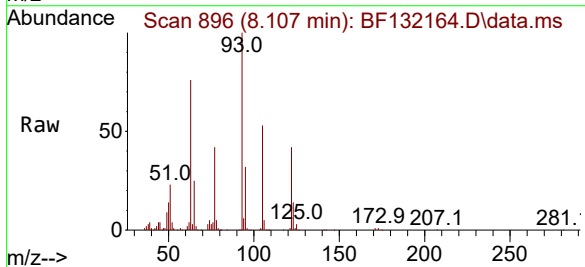
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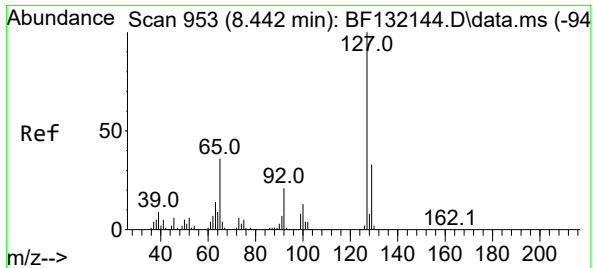
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#32
Benzoic acid
Concen: 43.447 ng m
RT: 8.107 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF132164.D
Acq: 20 Jan 2023 16:40

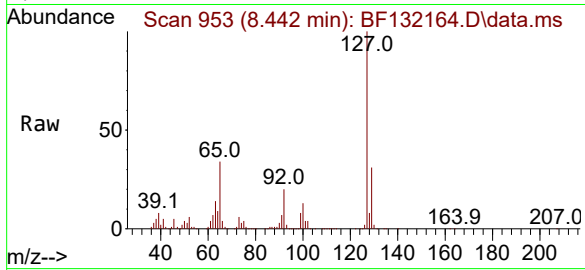
Tgt Ion:122 Resp: 267589
Ion Ratio Lower Upper
122 100
105 125.2 96.8 136.8
77 99.0 72.5 112.5





#33
4-Chloroaniline
Concen: 40.479 ng
RT: 8.442 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF132164.D
Acq: 20 Jan 2023 16:40

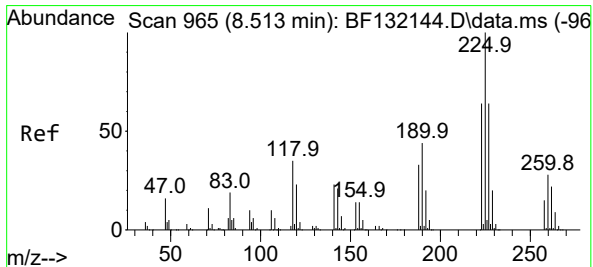
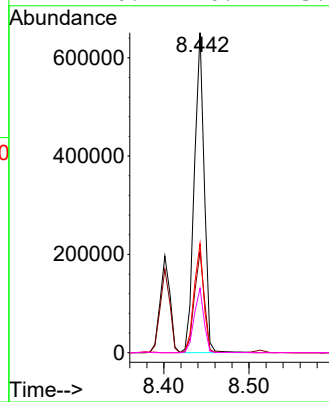
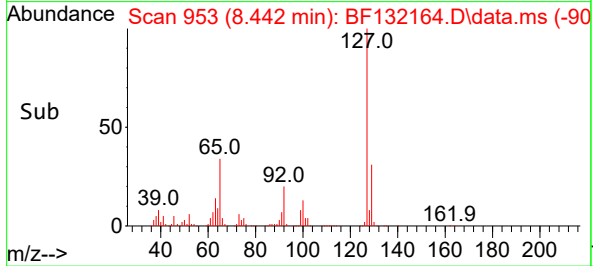
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:127 Resp: 525672
Ion Ratio Lower Upper
127 100
129 31.5 26.0 39.0
65 34.1 28.4 42.6
92 20.1 16.7 25.1

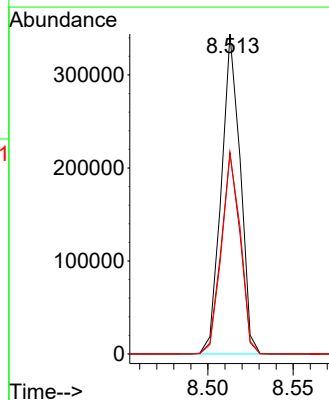
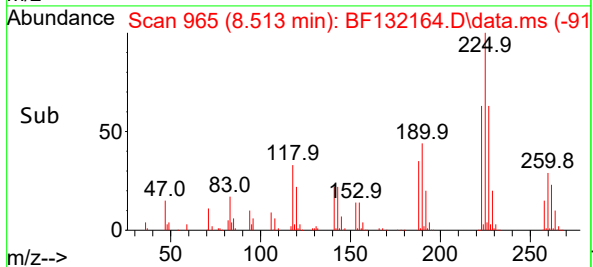
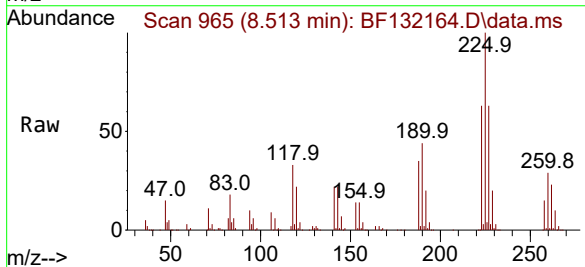
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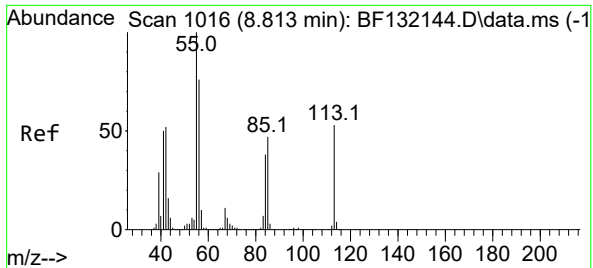
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#34
Hexachlorobutadiene
Concen: 38.882 ng
RT: 8.513 min Scan# 965
Delta R.T. 0.000 min
Lab File: BF132164.D
Acq: 20 Jan 2023 16:40

Tgt Ion:225 Resp: 265244
Ion Ratio Lower Upper
225 100
223 62.9 50.9 76.3
227 62.6 50.8 76.2





#35

Caprolactam

Concen: 45.882 ng

RT: 8.813 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BF132164.D

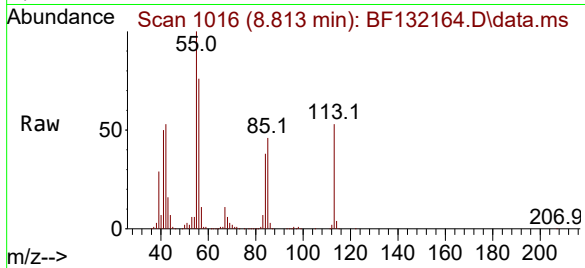
Acq: 20 Jan 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:113 Resp: 11632

Ion Ratio Lower Upper

113 100

55 187.1 167.5 207.5

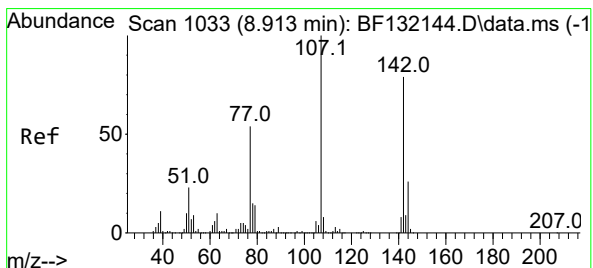
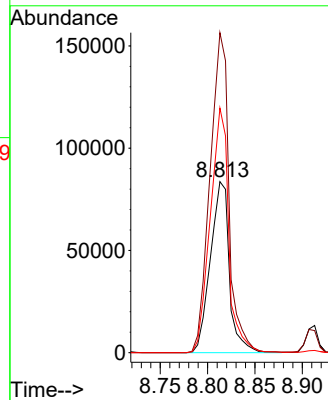
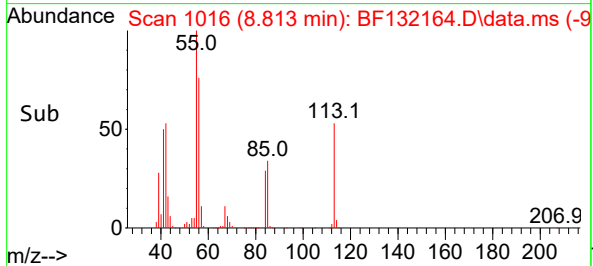
56 143.0 122.0 162.0

Manual Integrations

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Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#36

4-Chloro-3-methylphenol

Concen: 40.995 ng

RT: 8.913 min Scan# 1033

Delta R.T. 0.000 min

Lab File: BF132164.D

Acq: 20 Jan 2023 16:40

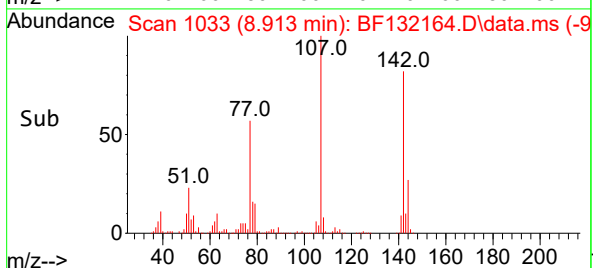
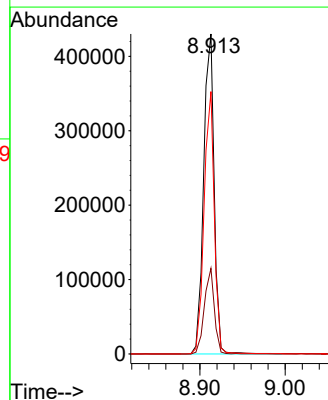
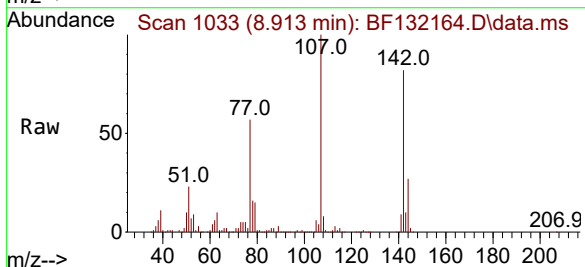
Tgt Ion:107 Resp: 368836

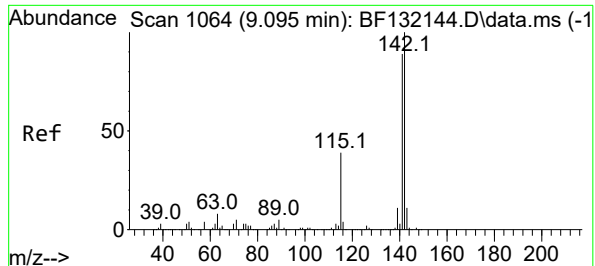
Ion Ratio Lower Upper

107 100

144 26.7 21.0 31.4

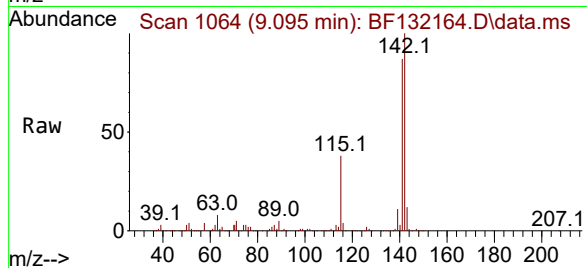
142 82.0 63.6 95.4





#37
2-Methylnaphthalene
Concen: 38.901 ng
RT: 9.095 min Scan# 1064
Delta R.T. 0.000 min
Lab File: BF132164.D
Acq: 20 Jan 2023 16:40

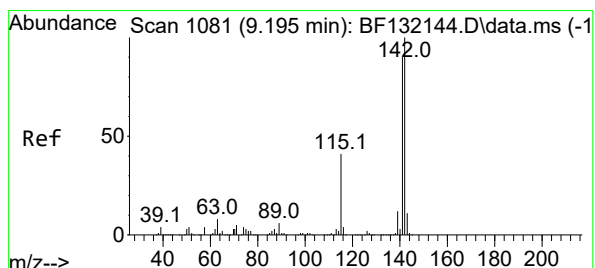
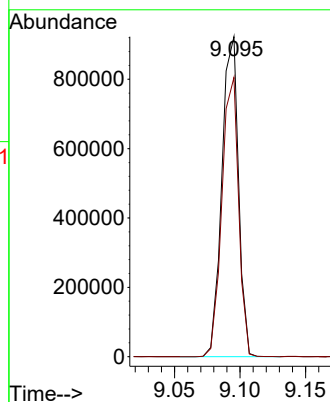
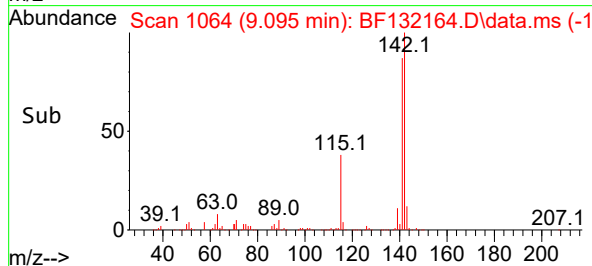
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:142 Resp: 81278
Ion Ratio Lower Upper
142 100
141 87.3 71.1 106.7

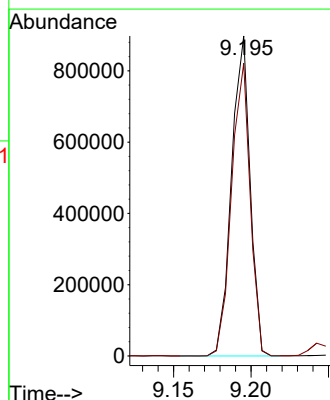
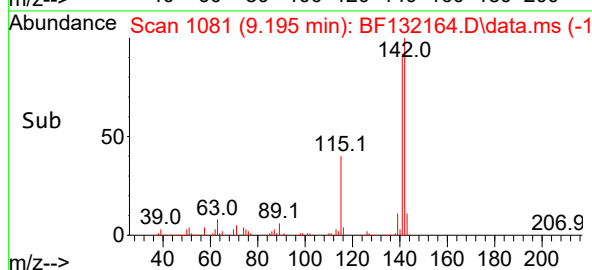
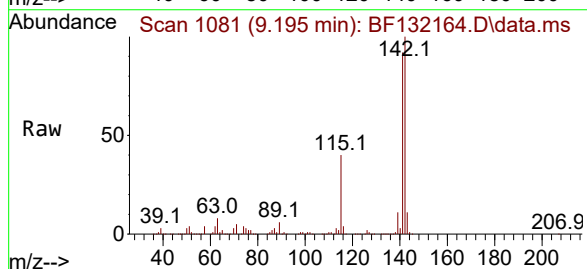
Manual Integrations
APPROVED

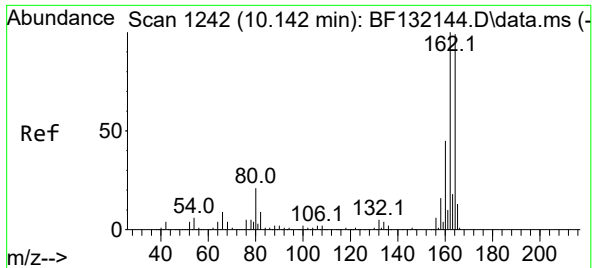
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#38
1-Methylnaphthalene
Concen: 38.580 ng
RT: 9.195 min Scan# 1081
Delta R.T. 0.000 min
Lab File: BF132164.D
Acq: 20 Jan 2023 16:40

Tgt Ion:142 Resp: 750019
Ion Ratio Lower Upper
142 100
141 91.5 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.142 min Scan# 1242

Delta R.T. 0.000 min

Lab File: BF132164.D

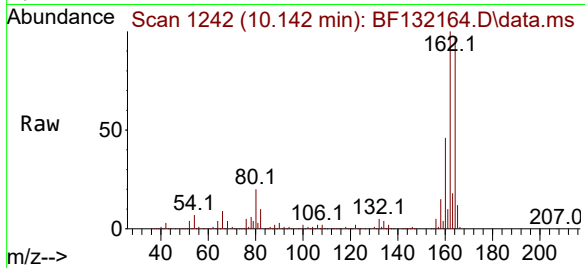
Acq: 20 Jan 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 31414

Ion Ratio Lower Upper

164 100

162 102.6 81.2 121.8

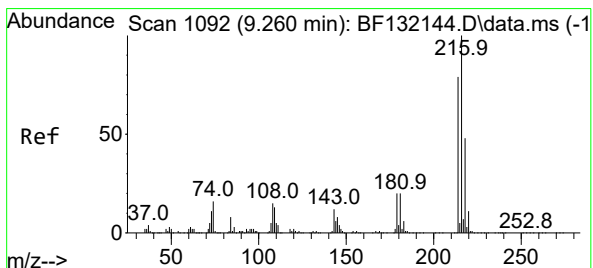
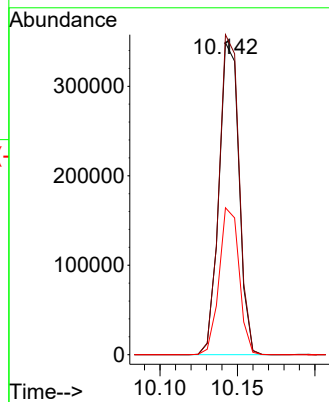
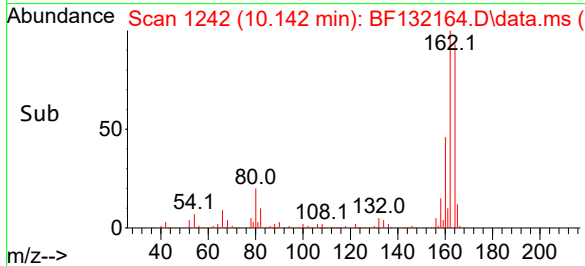
160 47.1 36.9 55.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#40

1,2,4,5-Tetrachlorobenzene

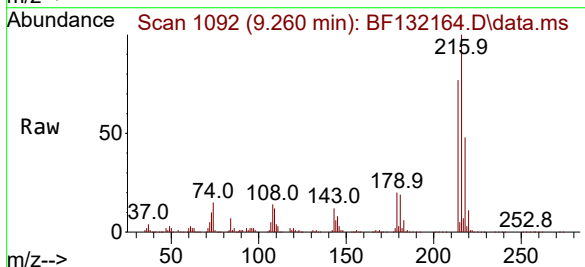
Concen: 38.447 ng

RT: 9.260 min Scan# 1092

Delta R.T. 0.000 min

Lab File: BF132164.D

Acq: 20 Jan 2023 16:40



Tgt Ion:216 Resp: 420230

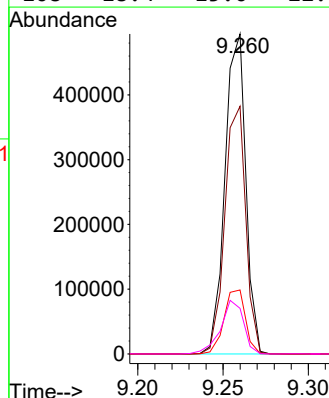
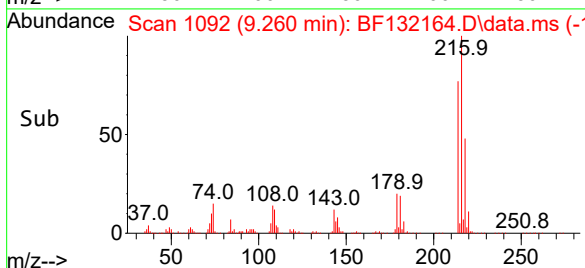
Ion Ratio Lower Upper

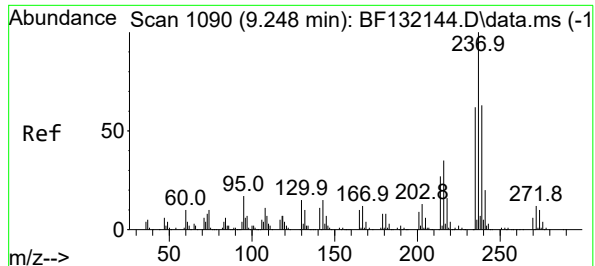
216 100

214 77.9 63.1 94.7

179 20.6 16.6 24.8

108 18.4 15.0 22.4





#41

Hexachlorocyclopentadiene

Concen: 40.232 ng

RT: 9.242 min Scan# 1090

Delta R.T. -0.006 min

Lab File: BF132164.D

Acq: 20 Jan 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:237 Resp: 23996

Ion Ratio Lower Upper

237 100

235 64.9 41.7 81.7

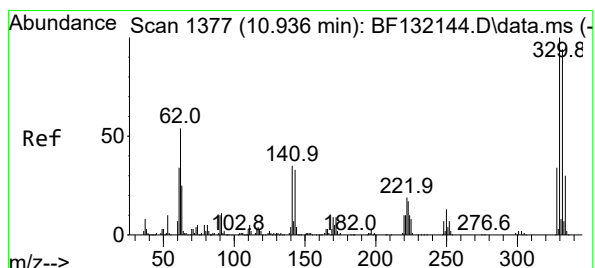
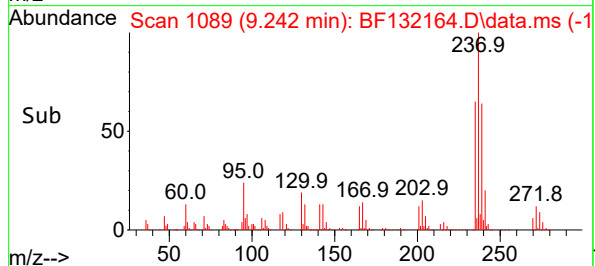
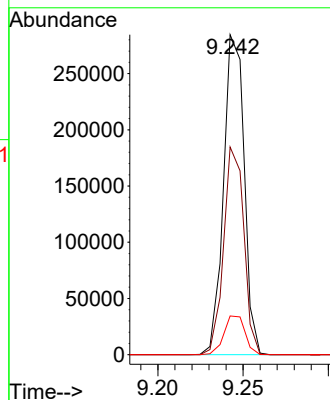
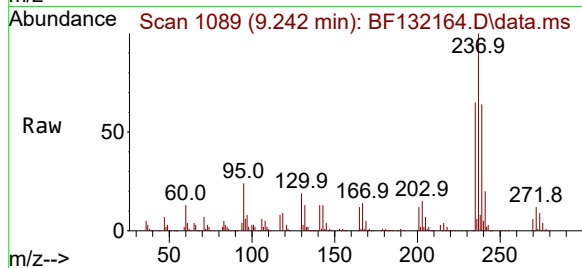
272 12.1 0.0 32.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#42

2,4,6-Tribromophenol

Concen: 86.555 ng

RT: 10.936 min Scan# 1377

Delta R.T. 0.000 min

Lab File: BF132164.D

Acq: 20 Jan 2023 16:40

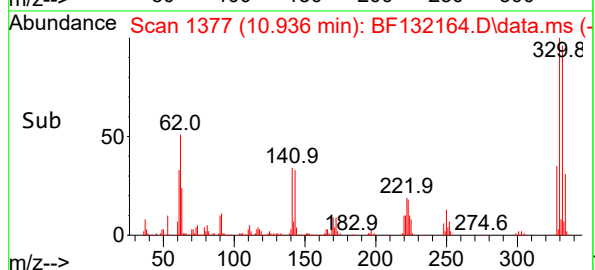
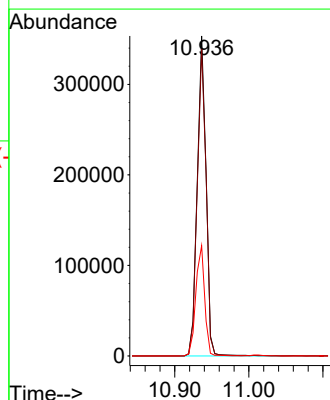
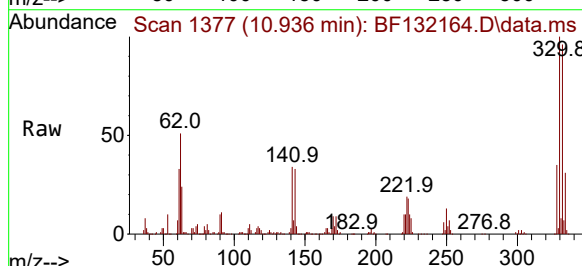
Tgt Ion:330 Resp: 290439

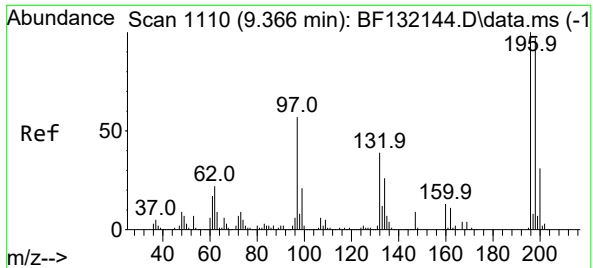
Ion Ratio Lower Upper

330 100

332 96.5 75.6 113.4

141 34.9 27.1 40.7





#43

2,4,6-Trichlorophenol

Concen: 41.969 ng

RT: 9.366 min Scan# 1110

Delta R.T. 0.000 min

Lab File: BF132164.D

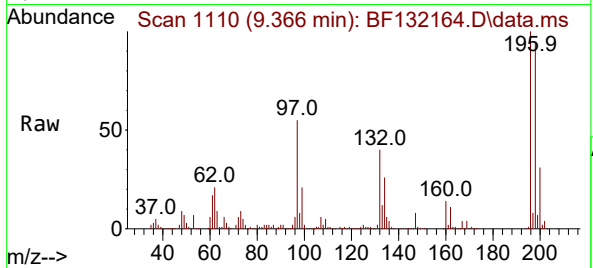
Acq: 20 Jan 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:196 Resp: 284690

Ion Ratio Lower Upper

196 100

198 94.5 77.4 116.2

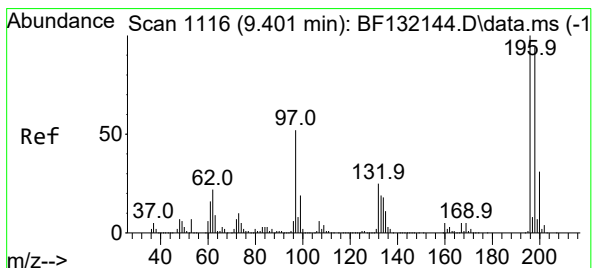
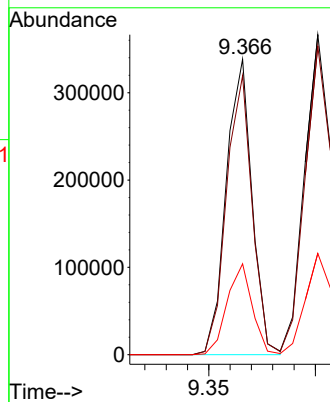
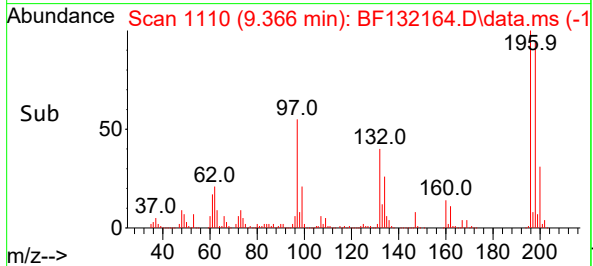
200 30.8 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#44

2,4,5-Trichlorophenol

Concen: 41.400 ng

RT: 9.401 min Scan# 1116

Delta R.T. 0.000 min

Lab File: BF132164.D

Acq: 20 Jan 2023 16:40

Tgt Ion:196 Resp: 328449

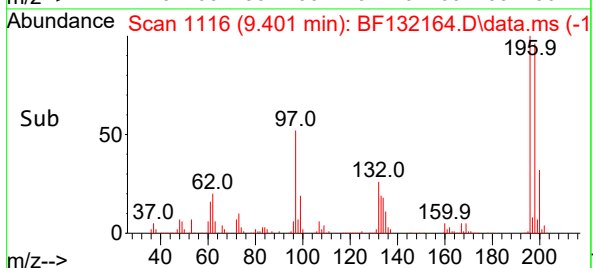
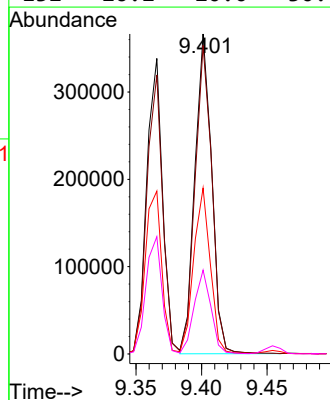
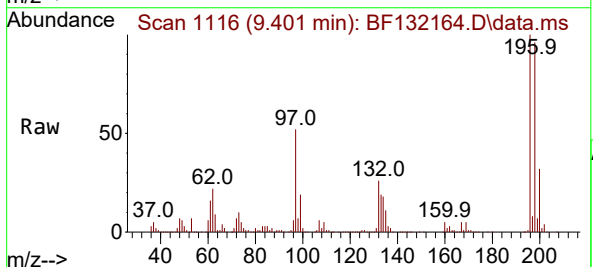
Ion Ratio Lower Upper

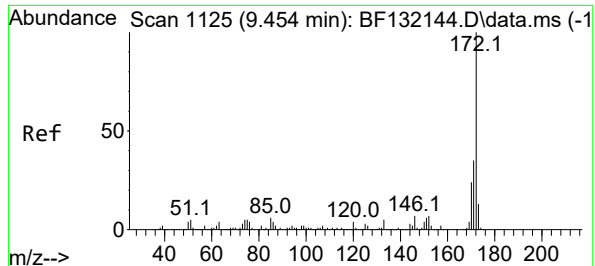
196 100

198 96.4 75.3 112.9

97 51.8 41.3 61.9

132 26.2 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 71.530 ng

RT: 9.454 min Scan# 1125

Delta R.T. 0.000 min

Lab File: BF132164.D

Acq: 20 Jan 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 1537809

Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.2

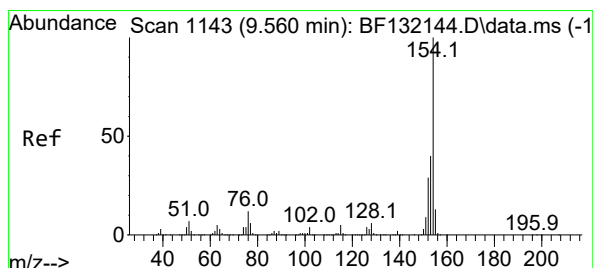
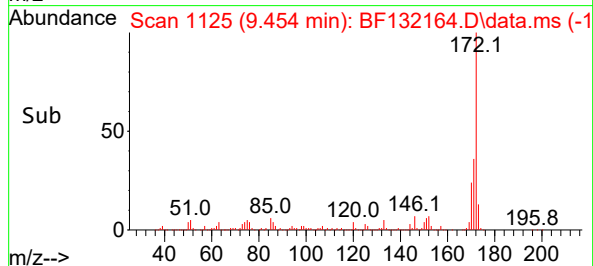
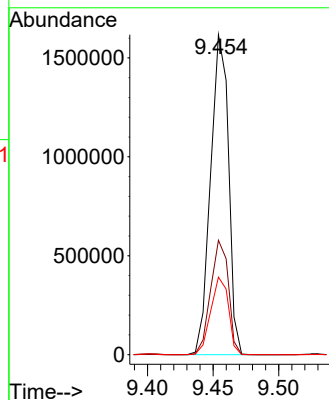
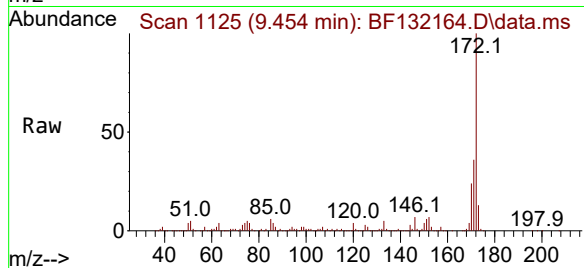
170 24.2 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#46

1,1'-Biphenyl

Concen: 37.981 ng

RT: 9.560 min Scan# 1143

Delta R.T. -0.000 min

Lab File: BF132164.D

Acq: 20 Jan 2023 16:40

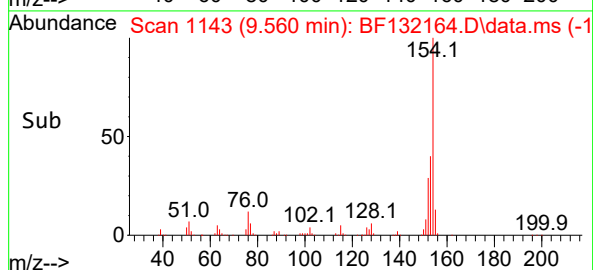
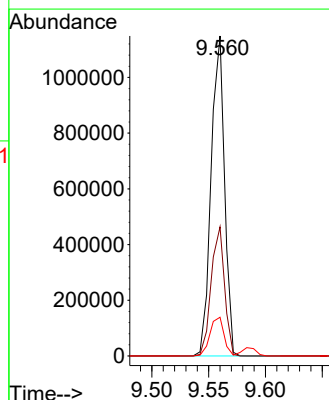
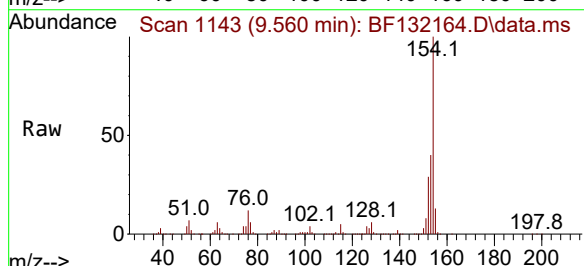
Tgt Ion:154 Resp: 941310

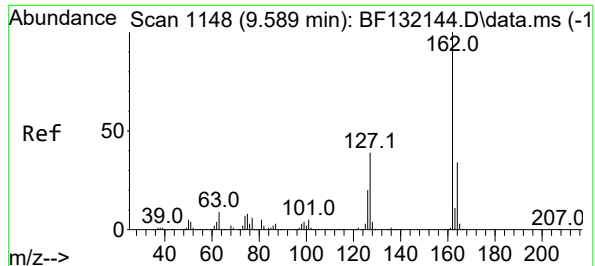
Ion Ratio Lower Upper

154 100

153 40.3 20.2 60.2

76 12.1 0.0 32.2





#47

2-Chloronaphthalene

Concen: 38.889 ng

RT: 9.589 min Scan# 1148

Delta R.T. 0.000 min

Lab File: BF132164.D

Acq: 20 Jan 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 745058

Ion Ratio Lower Upper

162 100

127 39.2 31.1 46.7

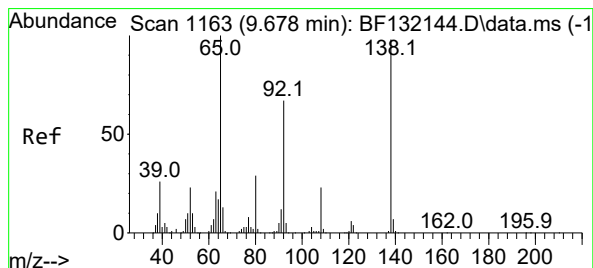
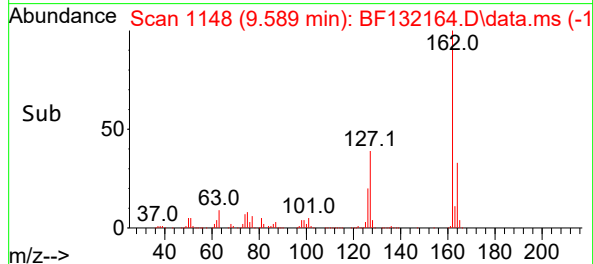
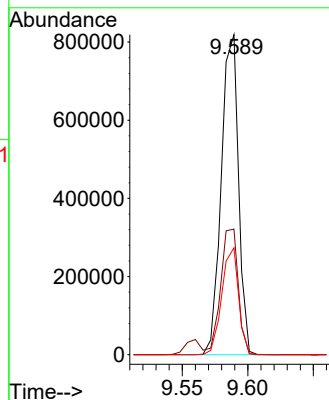
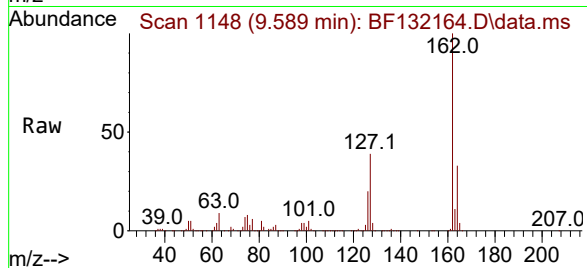
164 33.4 26.9 40.3

Manual Integrations

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Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#48

2-Nitroaniline

Concen: 42.996 ng

RT: 9.678 min Scan# 1163

Delta R.T. -0.000 min

Lab File: BF132164.D

Acq: 20 Jan 2023 16:40

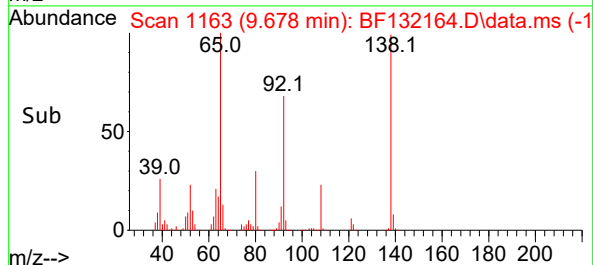
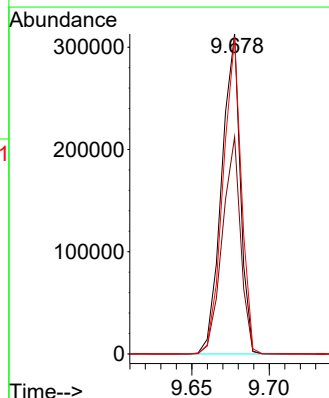
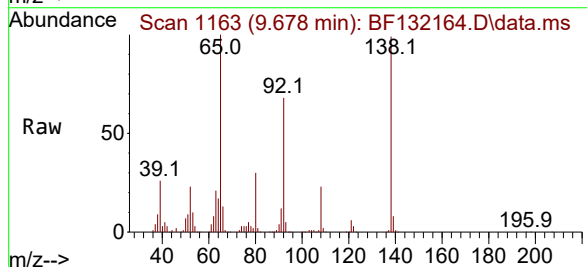
Tgt Ion: 65 Resp: 261720

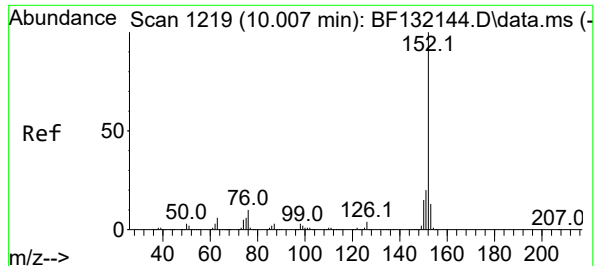
Ion Ratio Lower Upper

65 100

92 67.8 53.8 80.6

138 99.1 78.7 118.1





#49

Acenaphthylene

Concen: 39.256 ng

RT: 10.007 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF132164.D

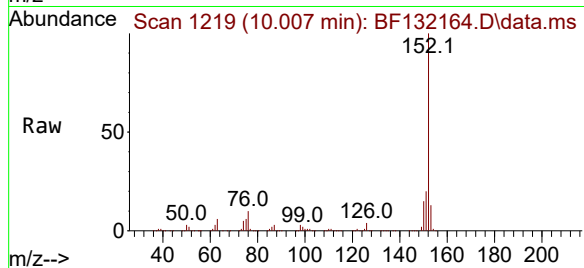
Acq: 20 Jan 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:152 Resp: 120317

Ion Ratio Lower Upper

152 100

151 20.1 16.4 24.6

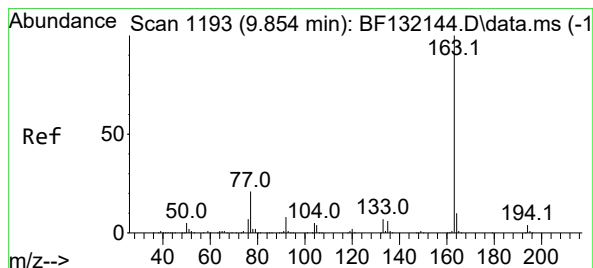
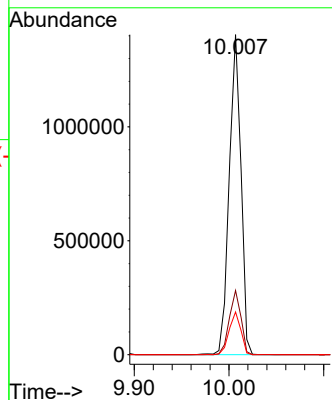
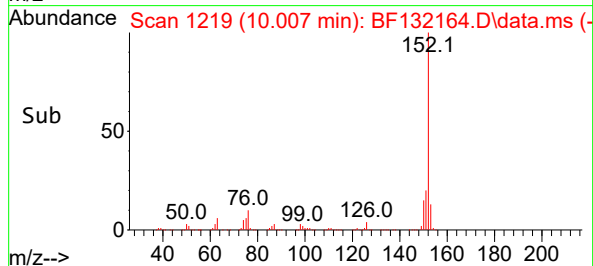
153 13.4 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#50

Dimethylphthalate

Concen: 40.067 ng

RT: 9.854 min Scan# 1193

Delta R.T. 0.000 min

Lab File: BF132164.D

Acq: 20 Jan 2023 16:40

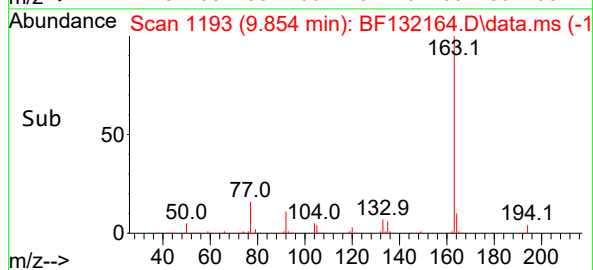
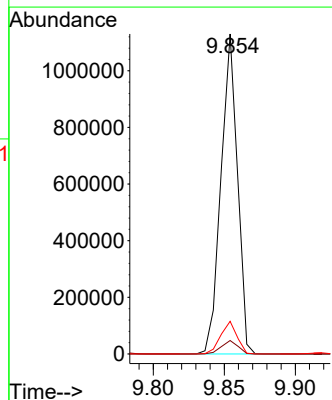
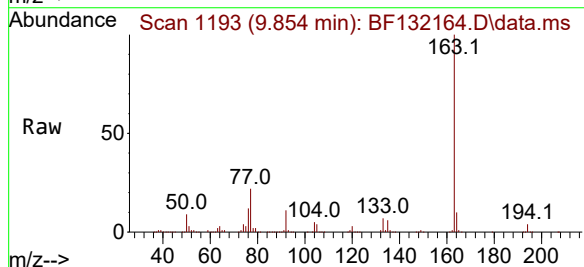
Tgt Ion:163 Resp: 911609

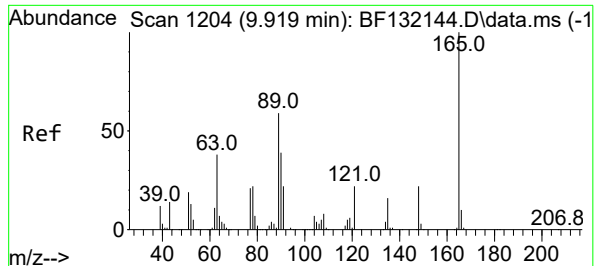
Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

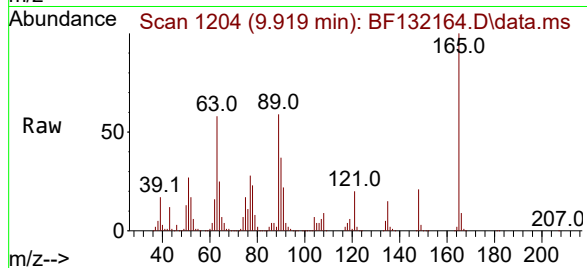
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 46.890 ng
RT: 9.919 min Scan# 1204
Delta R.T. -0.000 min
Lab File: BF132164.D
Acq: 20 Jan 2023 16:40

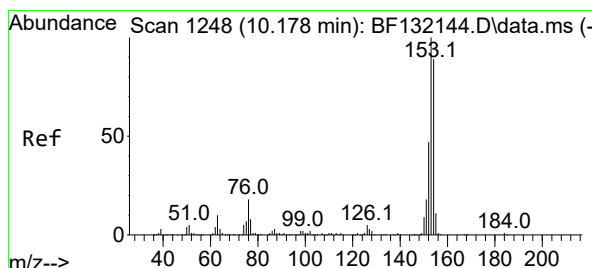
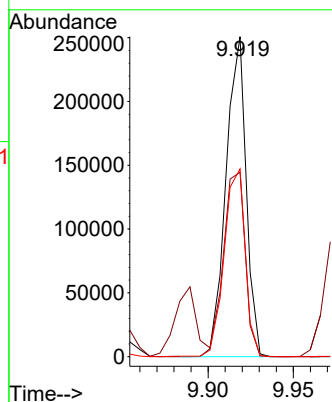
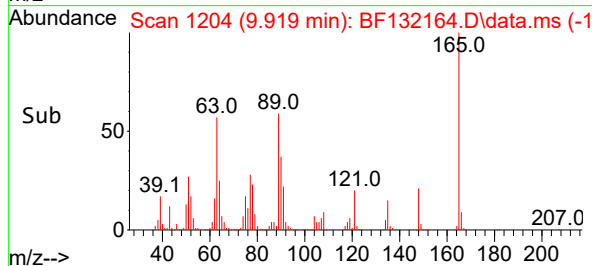
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 206783
Ion Ratio Lower Upper
165 100
63 57.7 46.6 70.0
89 58.7 47.4 71.2

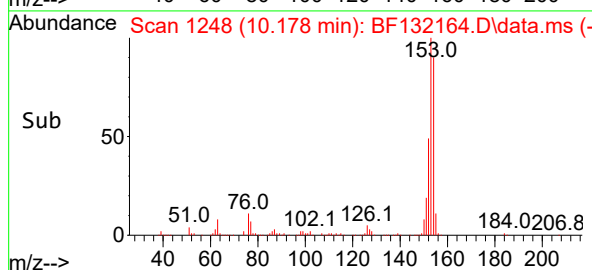
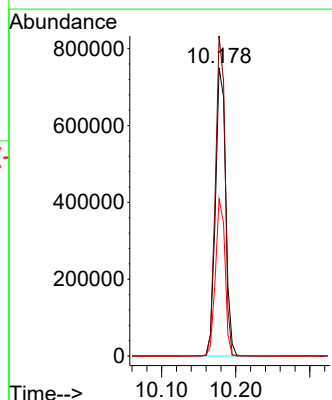
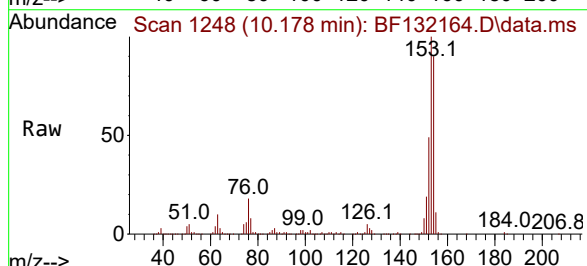
Manual Integrations
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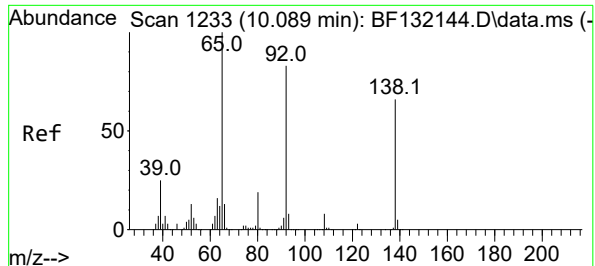
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#52
Acenaphthene
Concen: 39.012 ng
RT: 10.178 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF132164.D
Acq: 20 Jan 2023 16:40

Tgt Ion:154 Resp: 719203
Ion Ratio Lower Upper
154 100
153 111.0 89.8 134.8
152 54.5 42.3 63.5





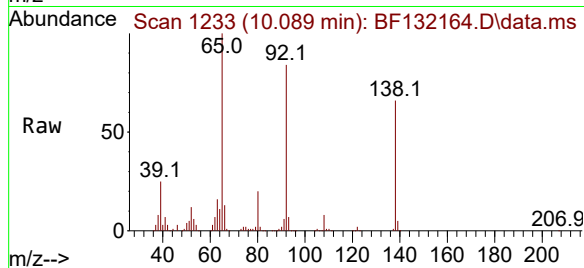
#53
3-Nitroaniline
Concen: 47.109 ng
RT: 10.089 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BF132164.D
Acq: 20 Jan 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

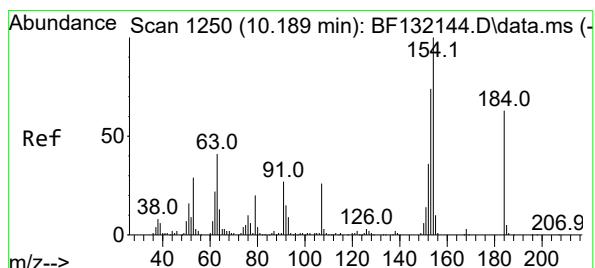
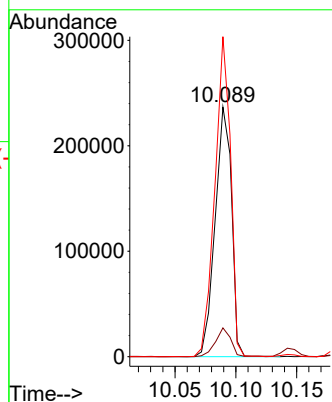
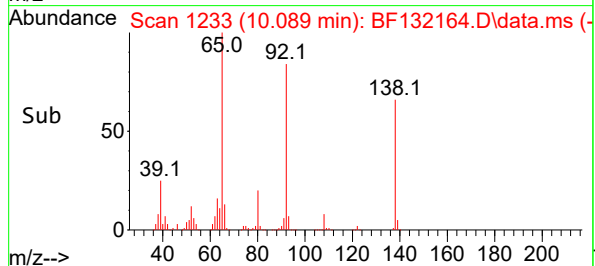


Tgt Ion:138 Resp: 222119
Ion Ratio Lower Upper
138 100
108 11.5 9.1 13.7
92 128.2 101.2 151.8

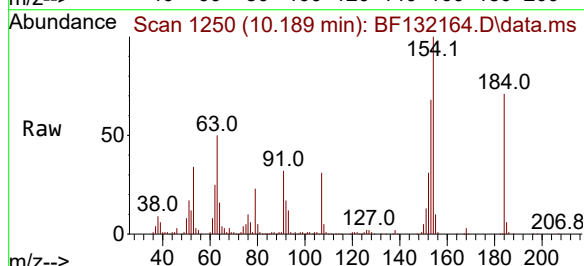
Manual Integrations

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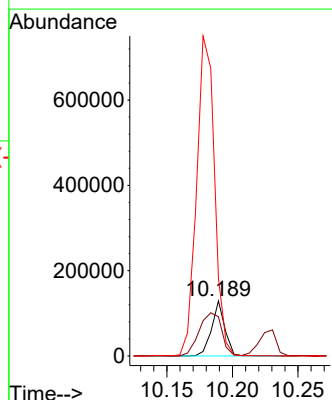
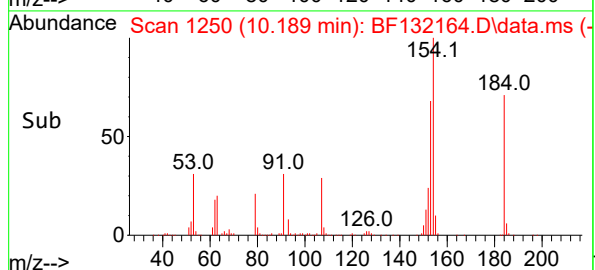
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

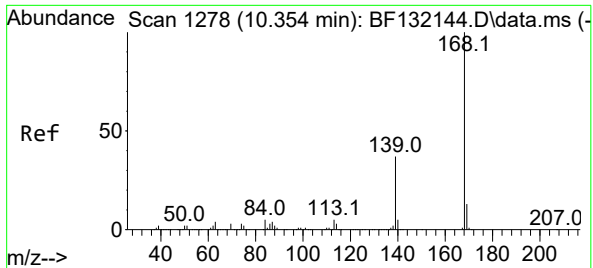


#54
2,4-Dinitrophenol
Concen: 46.708 ng
RT: 10.189 min Scan# 1250
Delta R.T. 0.000 min
Lab File: BF132164.D
Acq: 20 Jan 2023 16:40



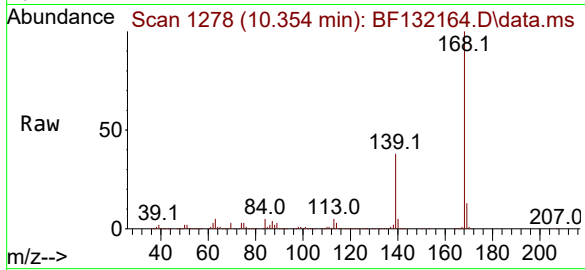
Tgt Ion:184 Resp: 90478
Ion Ratio Lower Upper
184 100
63 71.3 53.2 79.8
154 141.8 129.4 194.0





#55
Dibenzenofuran
Concen: 38.595 ng
RT: 10.354 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BF132164.D
Acq: 20 Jan 2023 16:40

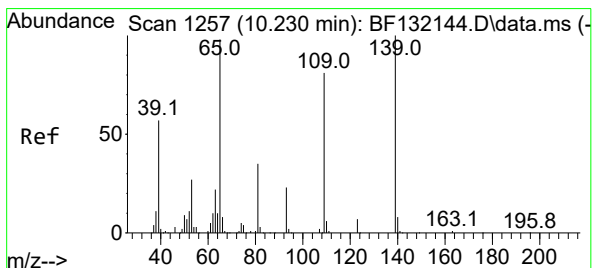
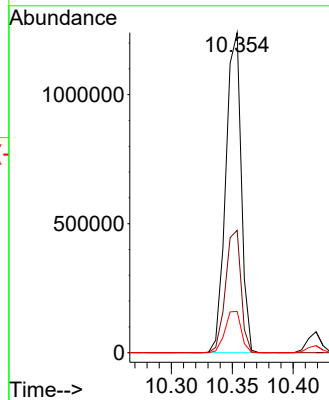
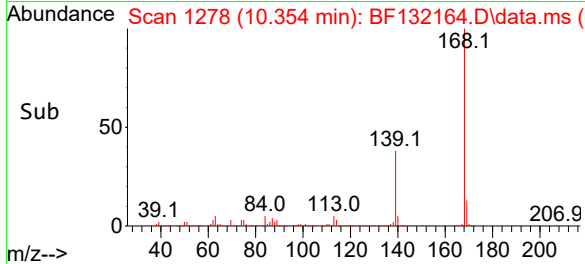
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 109957
Ion Ratio Lower Upper
168 100
139 38.3 29.8 44.8
169 12.9 10.3 15.5

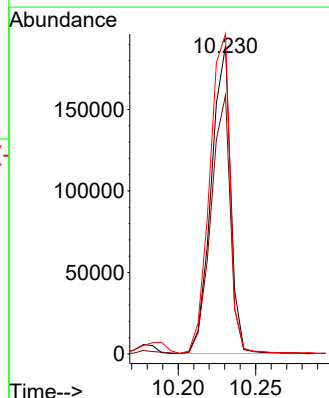
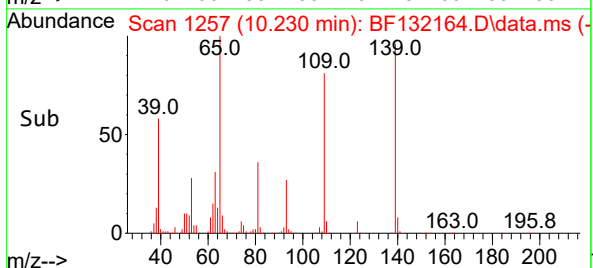
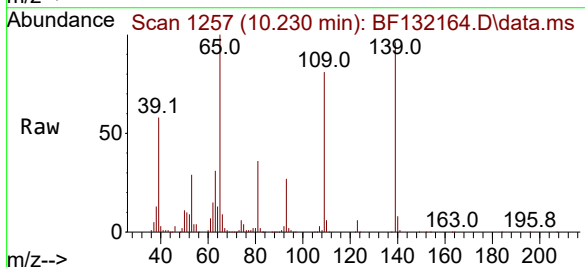
Manual Integrations
APPROVED

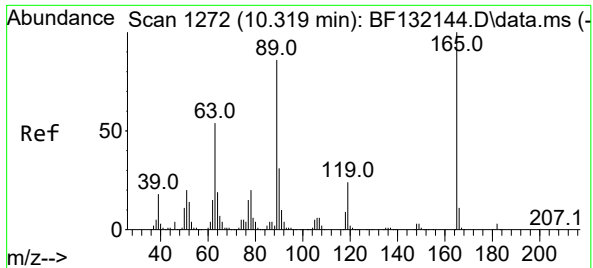
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#56
4-Nitrophenol
Concen: 48.015 ng
RT: 10.230 min Scan# 1257
Delta R.T. 0.000 min
Lab File: BF132164.D
Acq: 20 Jan 2023 16:40

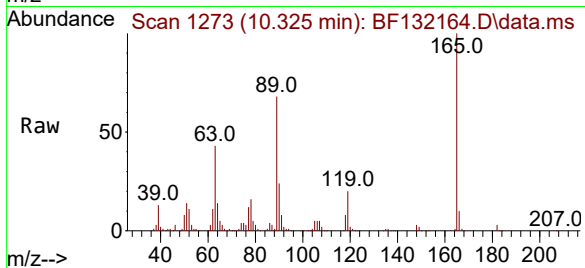
Tgt Ion:139 Resp: 164762
Ion Ratio Lower Upper
139 100
109 83.9 61.0 101.0
65 103.9 79.3 119.3





#57
2,4-Dinitrotoluene
Concen: 49.185 ng
RT: 10.325 min Scan# 1273
Delta R.T. 0.006 min
Lab File: BF132164.D
Acq: 20 Jan 2023 16:40

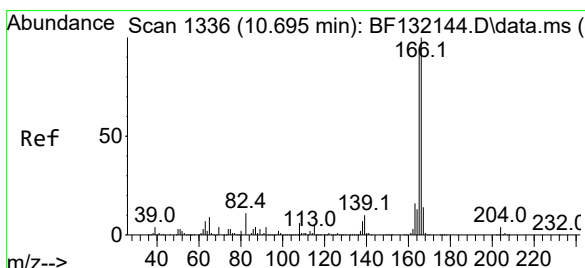
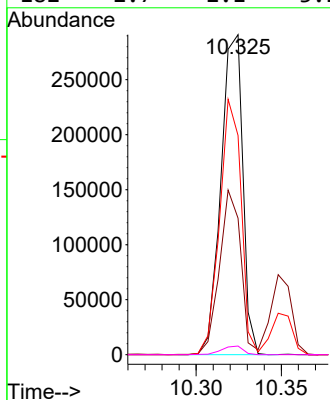
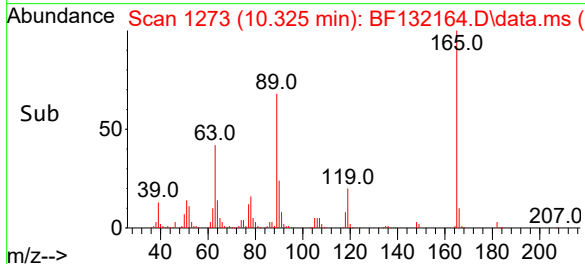
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 260362
Ion Ratio Lower Upper
165 100
63 42.7 43.5 65.3
89 68.5 69.0 103.6
182 2.7 2.1 3.1

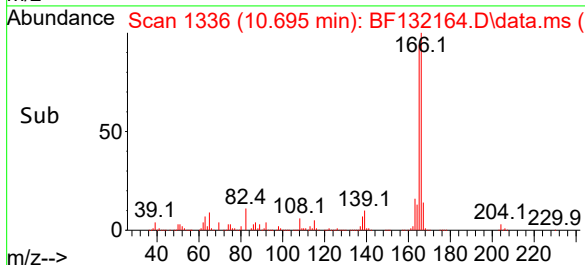
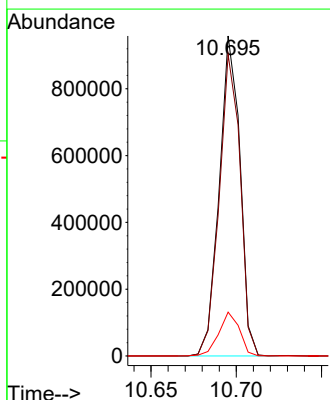
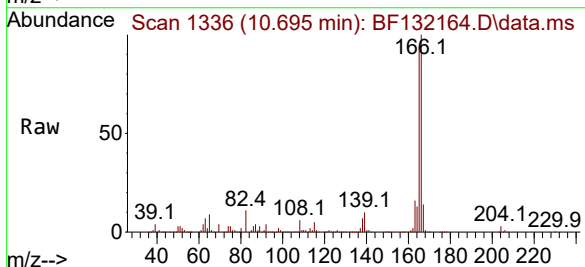
Manual Integrations
APPROVED

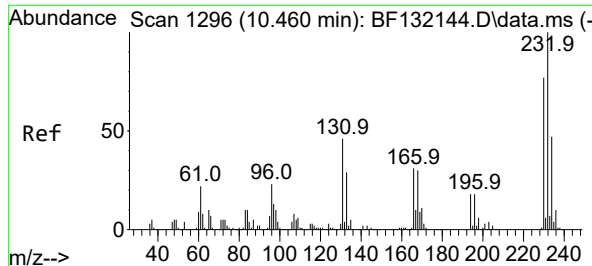
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#58
Fluorene
Concen: 38.463 ng
RT: 10.695 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF132164.D
Acq: 20 Jan 2023 16:40

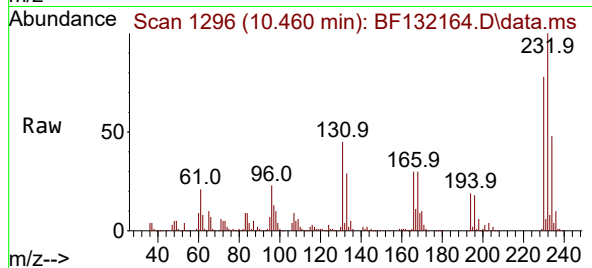
Tgt Ion:166 Resp: 811964
Ion Ratio Lower Upper
166 100
165 94.2 76.4 114.6
167 13.7 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.130 ng
RT: 10.460 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BF132164.D
Acq: 20 Jan 2023 16:40

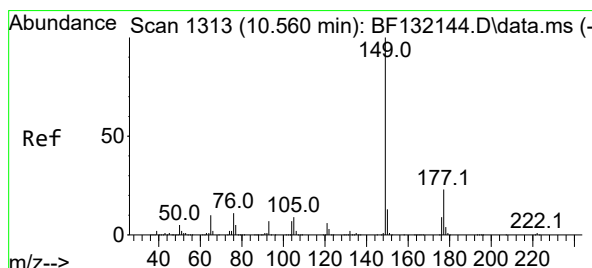
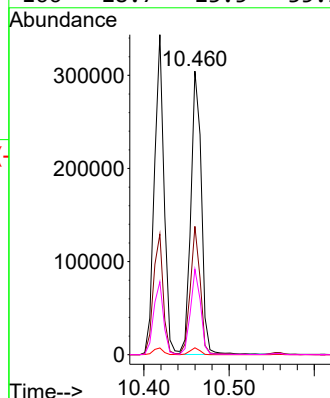
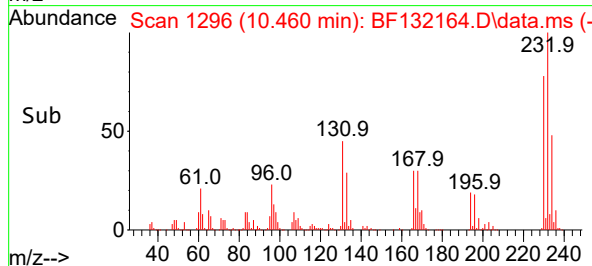
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



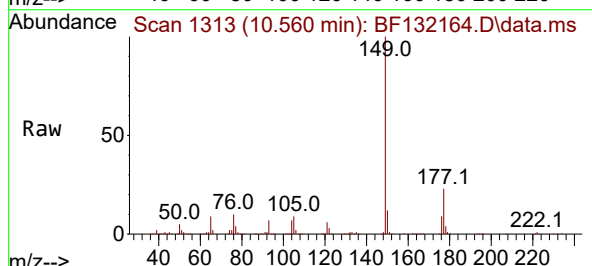
Tgt Ion:232 Resp: 260285
Ion Ratio Lower Upper
232 100
131 42.8 33.8 50.6
130 2.3 1.9 2.9
166 28.7 23.5 35.3

Manual Integrations
APPROVED

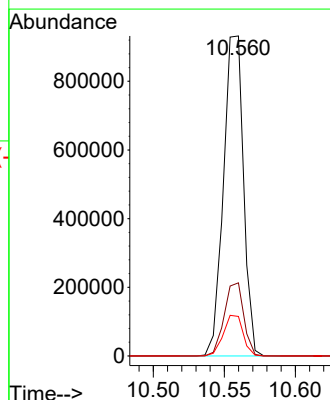
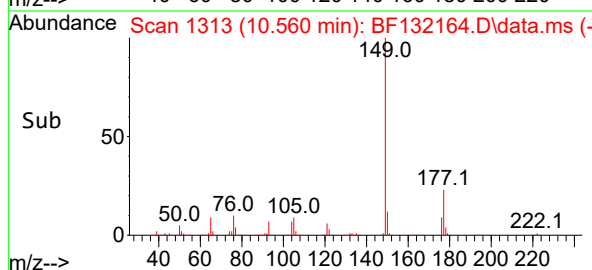
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

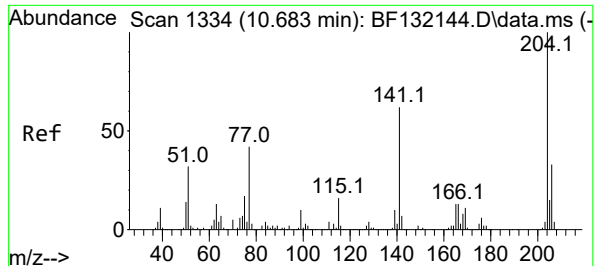


#60
Diethylphthalate
Concen: 41.052 ng
RT: 10.560 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF132164.D
Acq: 20 Jan 2023 16:40



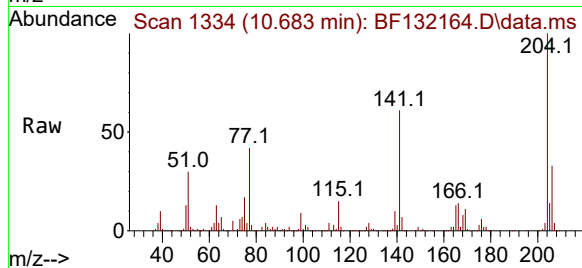
Tgt Ion:149 Resp: 915944
Ion Ratio Lower Upper
149 100
177 22.8 18.4 27.6
150 12.3 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 38.932 ng
RT: 10.683 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF132164.D
Acq: 20 Jan 2023 16:40

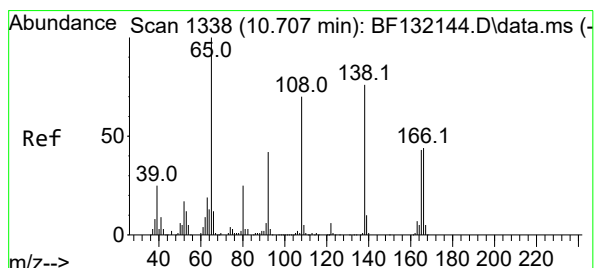
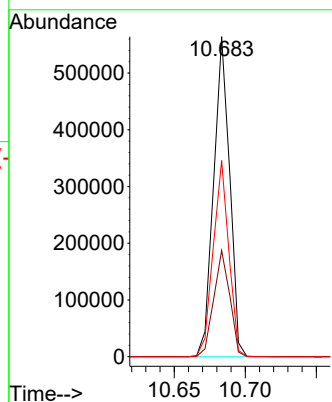
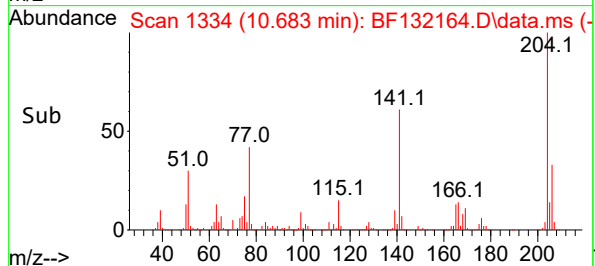
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:204 Resp: 440094
Ion Ratio Lower Upper
204 100
206 33.2 26.4 39.6
141 61.3 49.2 73.8

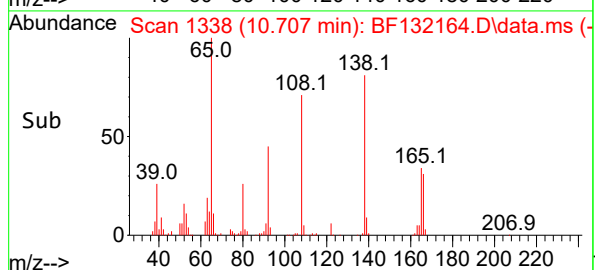
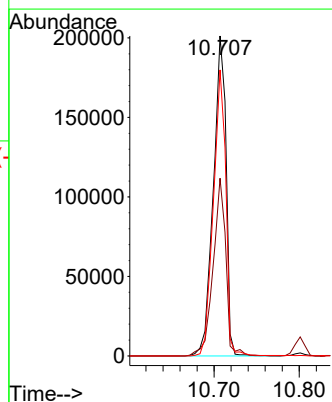
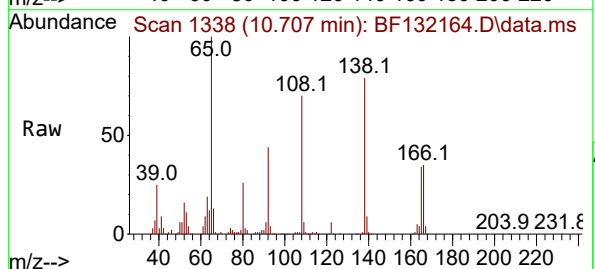
Manual Integrations
APPROVED

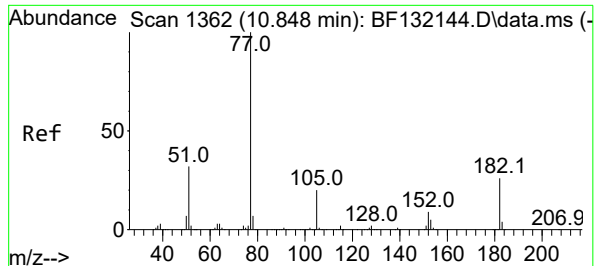
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#62
4-Nitroaniline
Concen: 47.716 ng
RT: 10.707 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF132164.D
Acq: 20 Jan 2023 16:40

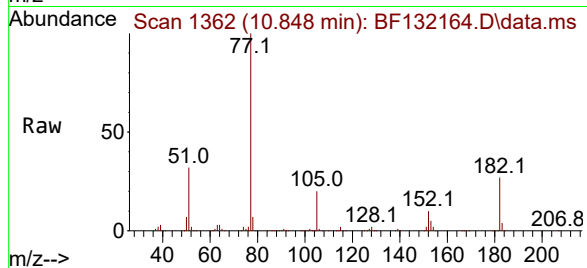
Tgt Ion:138 Resp: 209454
Ion Ratio Lower Upper
138 100
92 55.6 35.9 75.9
108 89.4 72.0 112.0





#63
Azobenzene
Concen: 39.420 ng
RT: 10.848 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF132164.D
Acq: 20 Jan 2023 16:40

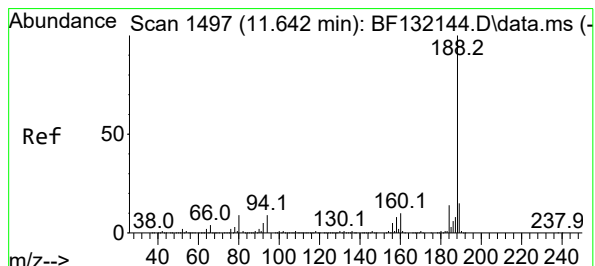
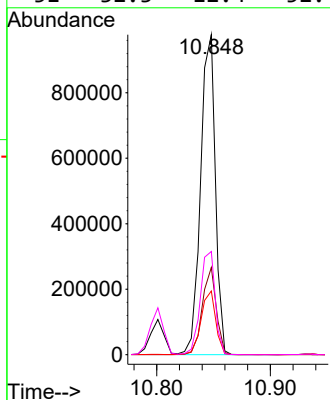
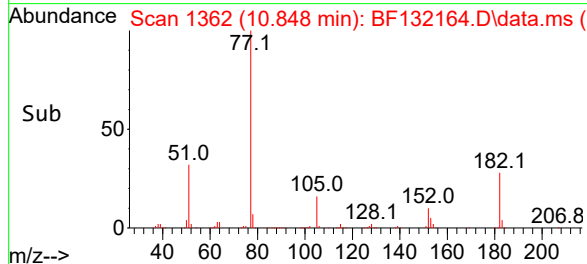
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



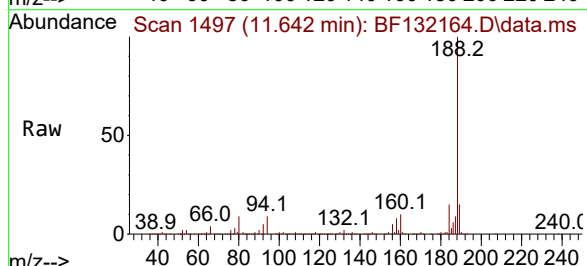
Tgt Ion: 77 Resp: 882720
Ion Ratio Lower Upper
77 100
182 27.2 6.4 46.4
105 19.9 0.0 39.8
51 32.3 12.4 52.4

Manual Integrations
APPROVED

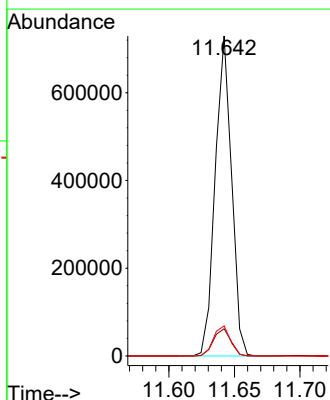
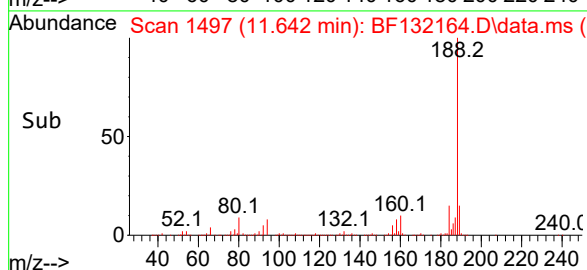
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

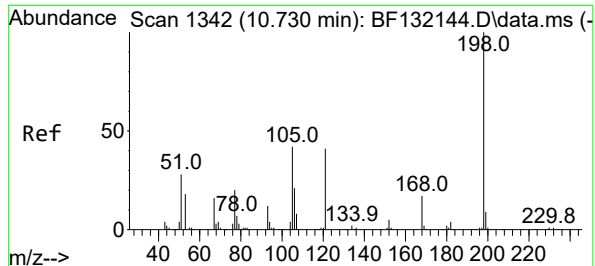


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.642 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BF132164.D
Acq: 20 Jan 2023 16:40



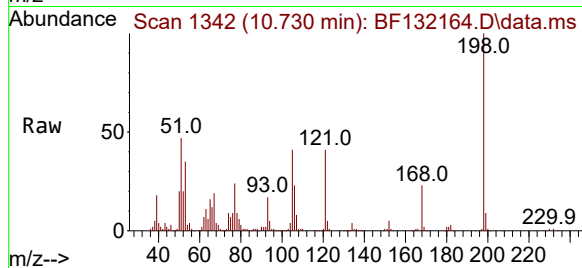
Tgt Ion:188 Resp: 631542
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 9.4 7.5 11.3





#65
4,6-Dinitro-2-methylphenol
Concen: 44.460 ng
RT: 10.730 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF132164.D
Acq: 20 Jan 2023 16:40

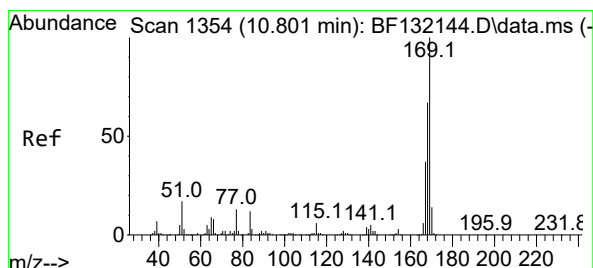
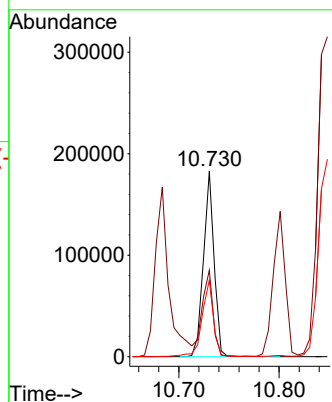
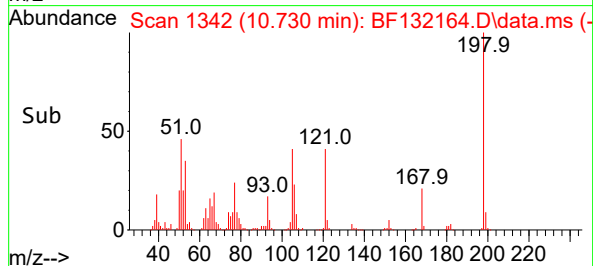
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



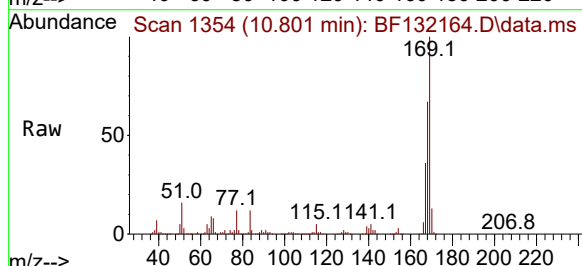
Tgt Ion:198 Resp: 135744
Ion Ratio Lower Upper
198 100
51 46.5 24.3 64.3
105 41.2 23.3 63.3

Manual Integrations
APPROVED

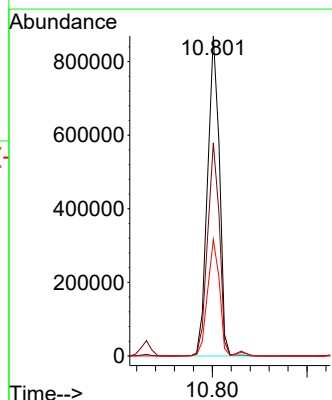
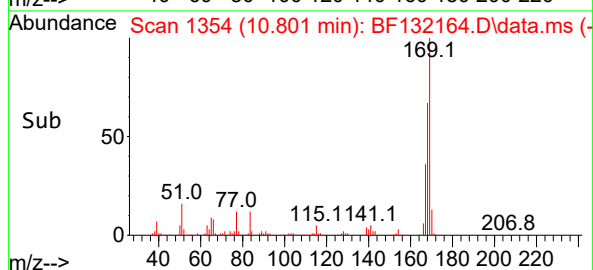
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

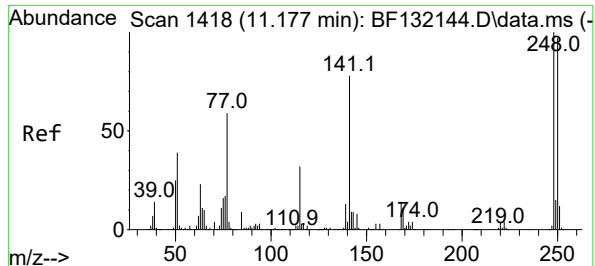


#66
n-Nitrosodiphenylamine
Concen: 37.289 ng
RT: 10.801 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BF132164.D
Acq: 20 Jan 2023 16:40



Tgt Ion:169 Resp: 754210
Ion Ratio Lower Upper
169 100
168 66.6 53.4 80.0
167 36.3 29.7 44.5





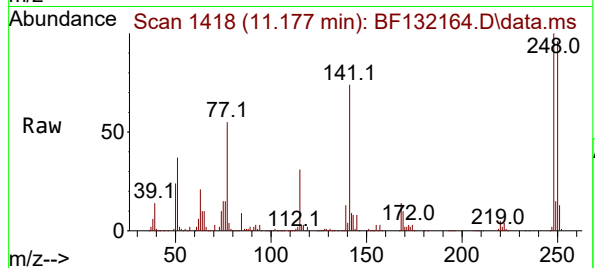
#67
4-Bromophenyl-phenylether
Concen: 37.516 ng
RT: 11.177 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF132164.D
Acq: 20 Jan 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

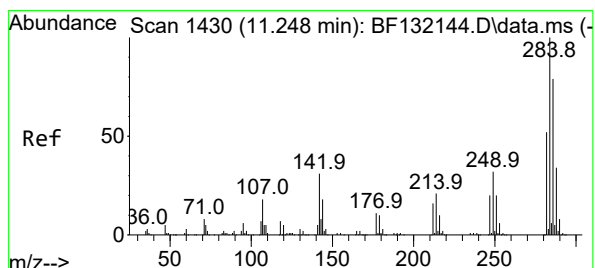
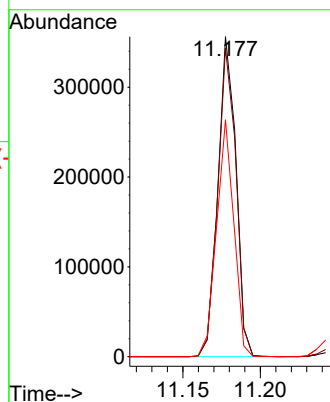
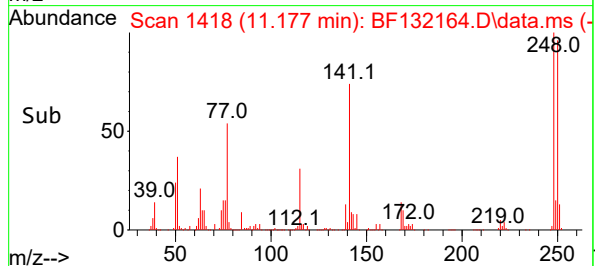


Tgt Ion:248 Resp: 288791
Ion Ratio Lower Upper
248 100
250 96.4 77.4 116.0
141 74.1 62.2 93.2

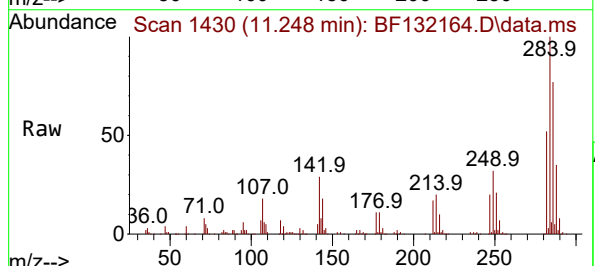
Manual Integrations

APPROVED

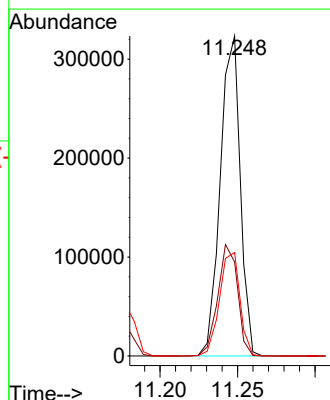
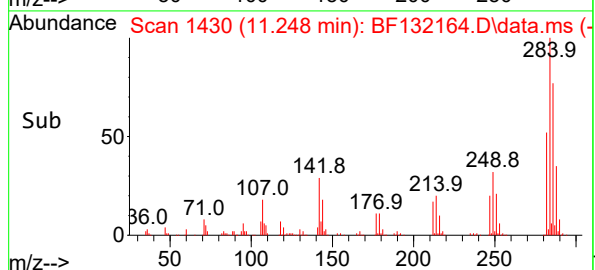
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

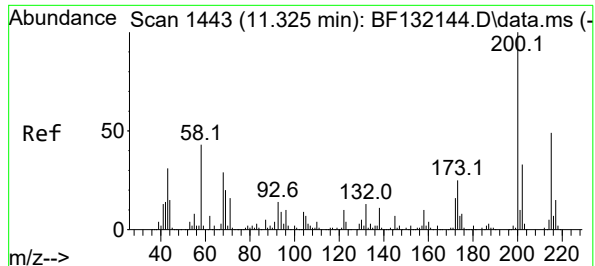


#68
Hexachlorobenzene
Concen: 37.885 ng
RT: 11.248 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF132164.D
Acq: 20 Jan 2023 16:40



Tgt Ion:284 Resp: 289841
Ion Ratio Lower Upper
284 100
142 29.4 24.7 37.1
249 32.4 25.6 38.4





#69

Atrazine

Concen: 41.064 ng

RT: 11.325 min Scan# 1443

Delta R.T. 0.000 min

Lab File: BF132164.D

Acq: 20 Jan 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 25625

Ion Ratio Lower Upper

200 100

173 25.1 5.0 45.0

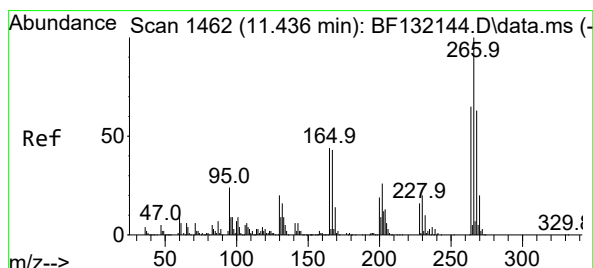
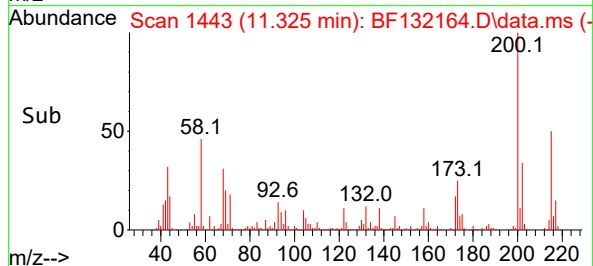
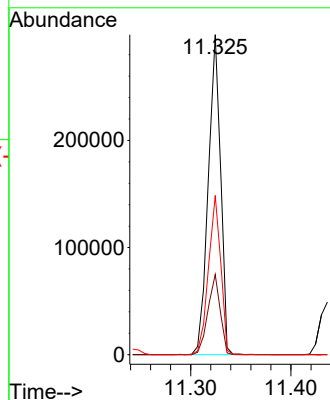
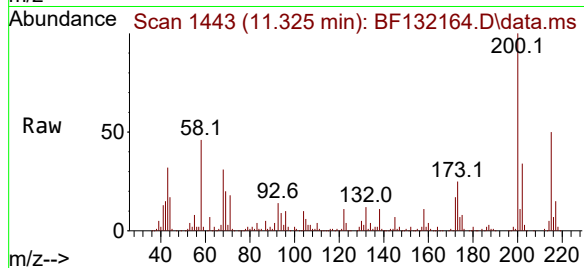
215 49.8 28.6 68.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#70

Pentachlorophenol

Concen: 44.633 ng

RT: 11.436 min Scan# 1462

Delta R.T. 0.000 min

Lab File: BF132164.D

Acq: 20 Jan 2023 16:40

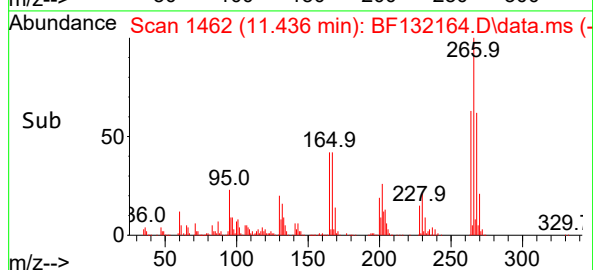
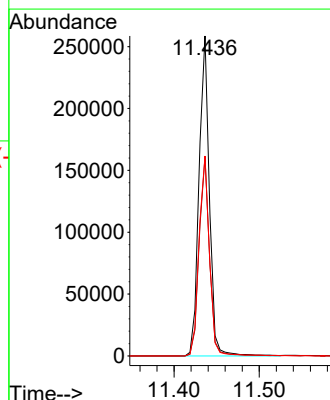
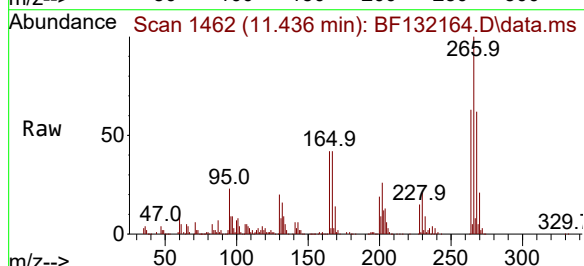
Tgt Ion:266 Resp: 219432

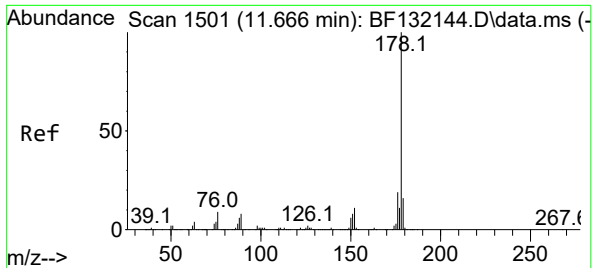
Ion Ratio Lower Upper

266 100

268 62.2 50.8 76.2

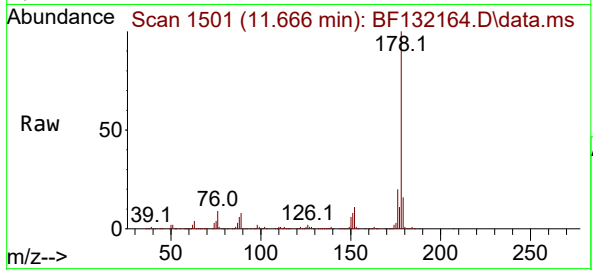
264 62.5 52.3 78.5





#71
Phenanthrene
Concen: 38.124 ng
RT: 11.666 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF132164.D
Acq: 20 Jan 2023 16:40

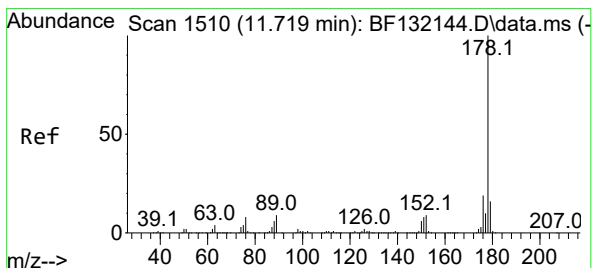
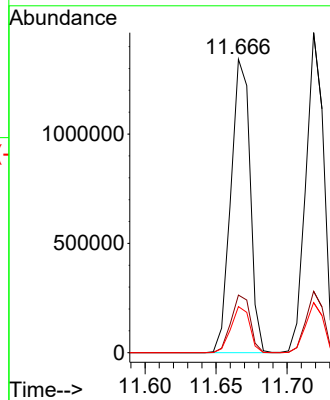
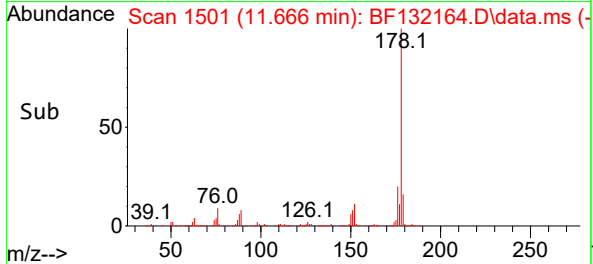
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:178 Resp: 126350
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 15.7 12.6 19.0

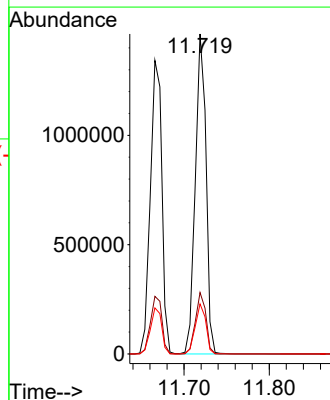
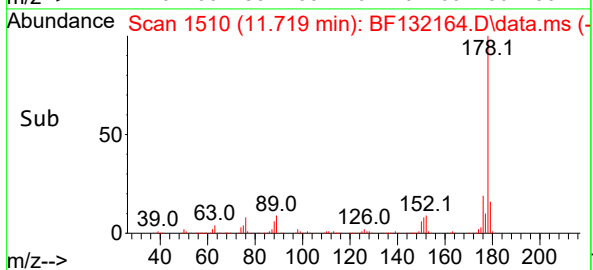
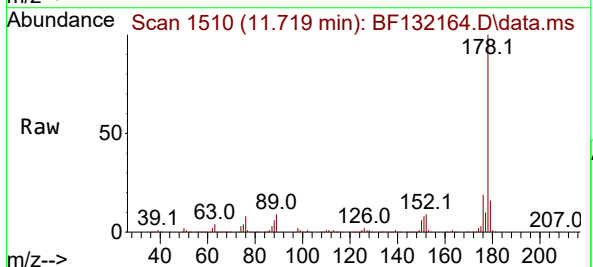
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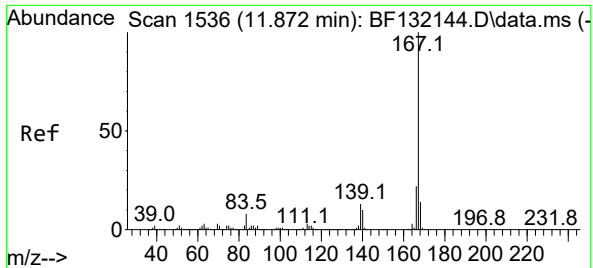
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#72
Anthracene
Concen: 38.122 ng
RT: 11.719 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BF132164.D
Acq: 20 Jan 2023 16:40

Tgt Ion:178 Resp: 1278169
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.6 12.6 18.8





#73

Carbazole

Concen: 40.304 ng

RT: 11.872 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF132164.D

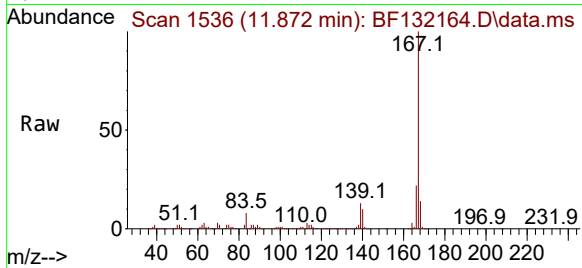
Acq: 20 Jan 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:167 Resp: 1154292

Ion Ratio Lower Upper

167 100

166 21.9 17.7 26.5

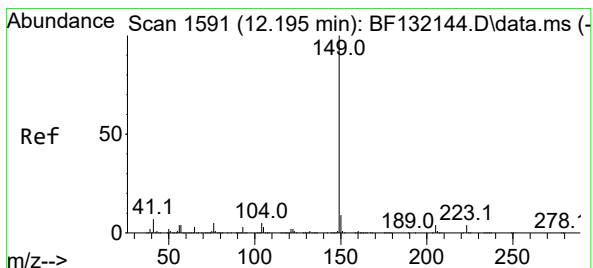
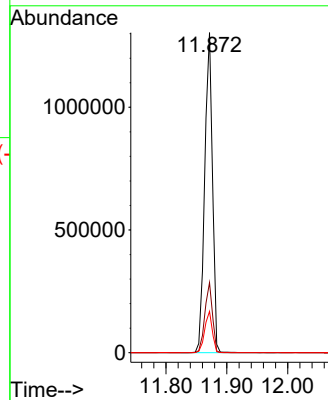
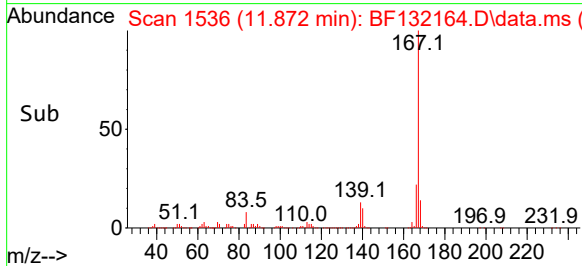
139 12.9 10.5 15.7

Manual Integrations

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Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#74

Di-n-butylphthalate

Concen: 41.855 ng

RT: 12.195 min Scan# 1591

Delta R.T. 0.000 min

Lab File: BF132164.D

Acq: 20 Jan 2023 16:40

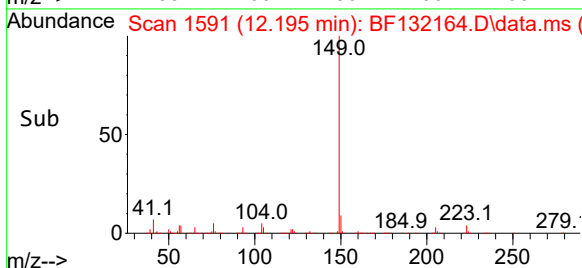
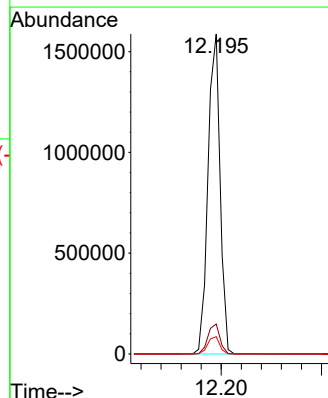
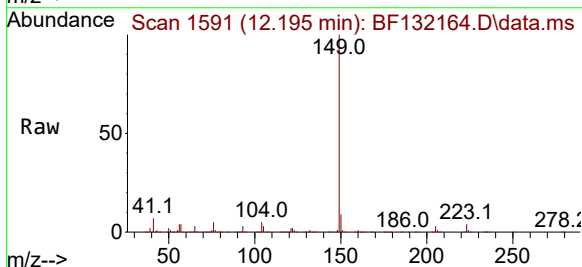
Tgt Ion:149 Resp: 1334437

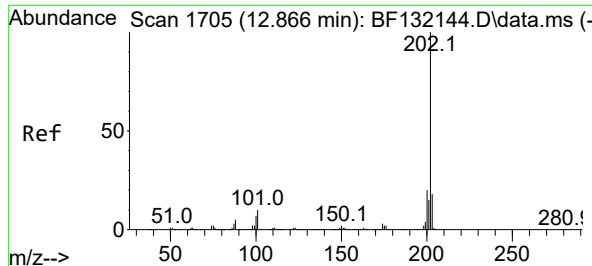
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 5.4 4.3 6.5





#75

Fluoranthene

Concen: 41.488 ng

RT: 12.866 min Scan# 1705

Delta R.T. -0.000 min

Lab File: BF132164.D

Acq: 20 Jan 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:202 Resp: 141242

Ion Ratio Lower Upper

202 100

101 10.0 0.0 29.6

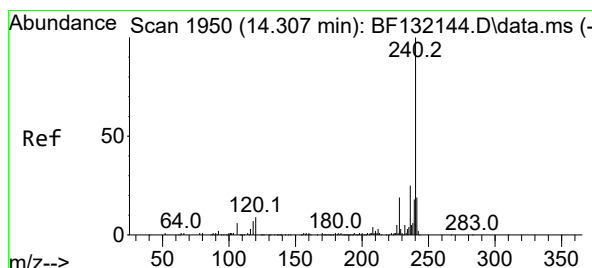
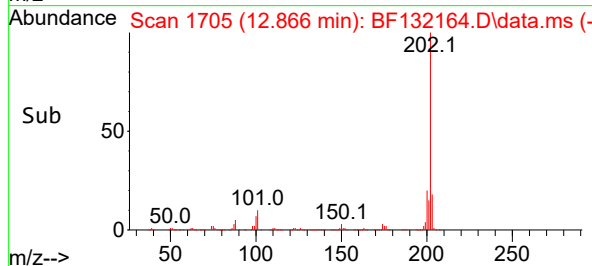
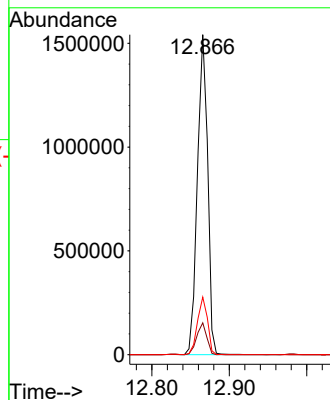
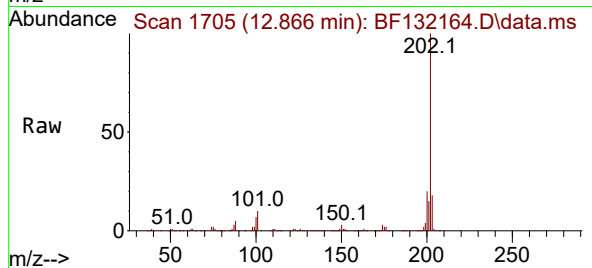
203 18.0 0.0 37.9

Manual Integrations

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Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.307 min Scan# 1950

Delta R.T. 0.000 min

Lab File: BF132164.D

Acq: 20 Jan 2023 16:40

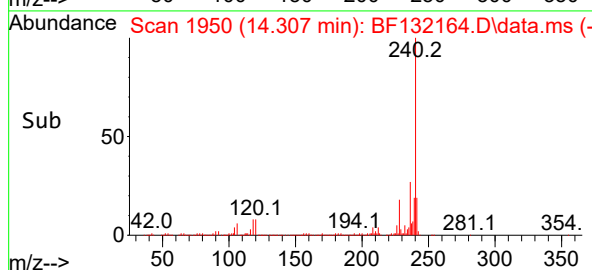
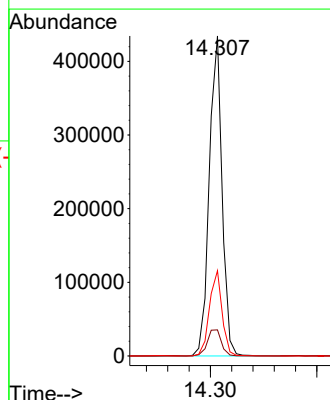
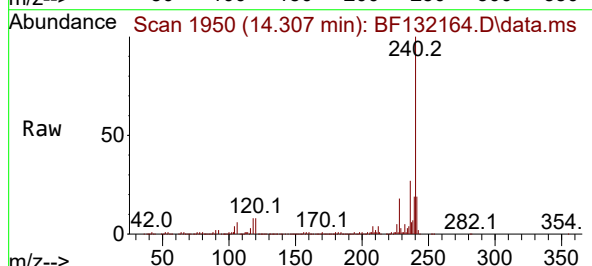
Tgt Ion:240 Resp: 364265

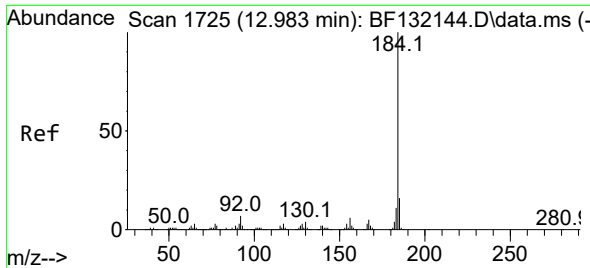
Ion Ratio Lower Upper

240 100

120 8.1 6.9 10.3

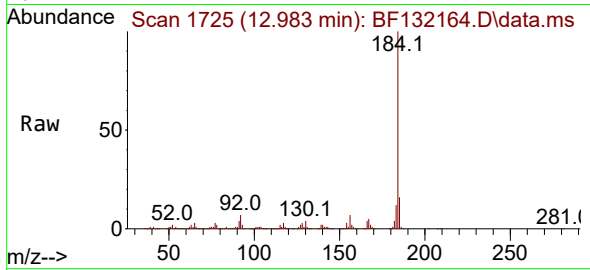
236 26.6 20.3 30.5





#77
Benzidine
Concen: 47.739 ng
RT: 12.983 min Scan# 1725
Delta R.T. 0.000 min
Lab File: BF132164.D
Acq: 20 Jan 2023 16:40

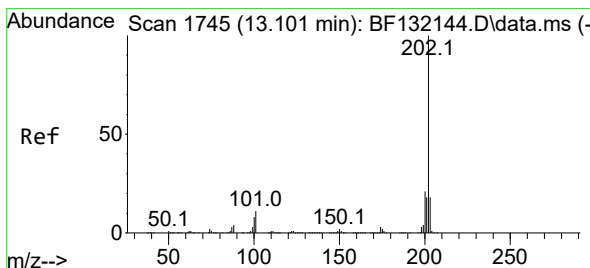
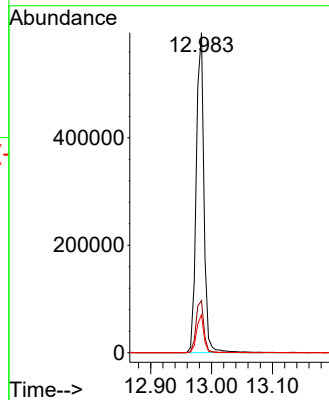
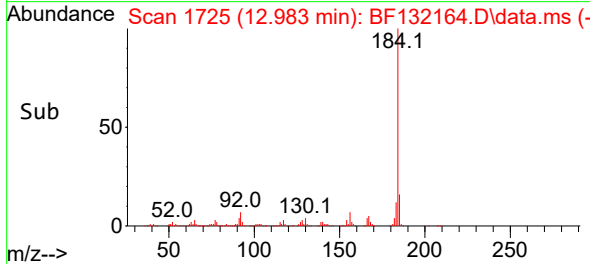
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



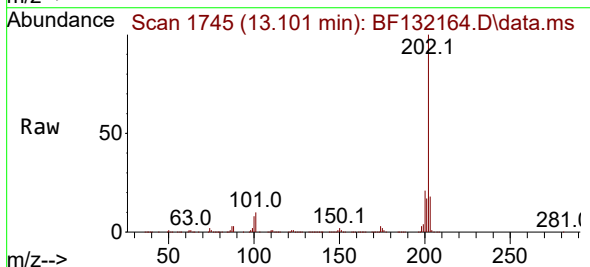
Tgt Ion:184 Resp: 52211
Ion Ratio Lower Upper
184 100
185 16.2 12.5 18.7
183 11.8 9.0 13.4

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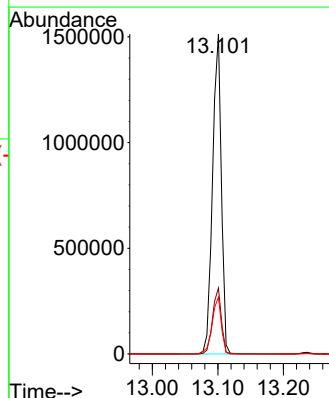
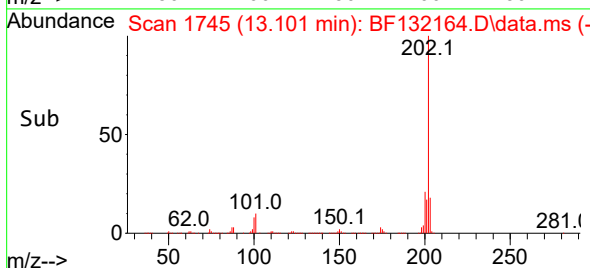
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

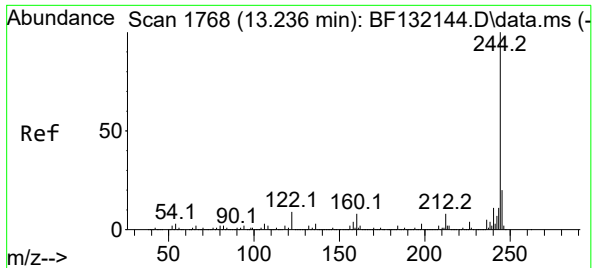


#78
Pyrene
Concen: 42.136 ng
RT: 13.101 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BF132164.D
Acq: 20 Jan 2023 16:40



Tgt Ion:202 Resp: 1414545
Ion Ratio Lower Upper
202 100
200 20.6 16.7 25.1
203 17.8 14.0 21.0





#79

Terphenyl-d14

Concen: 80.620 ng

RT: 13.236 min Scan# 1768

Delta R.T. 0.000 min

Lab File: BF132164.D

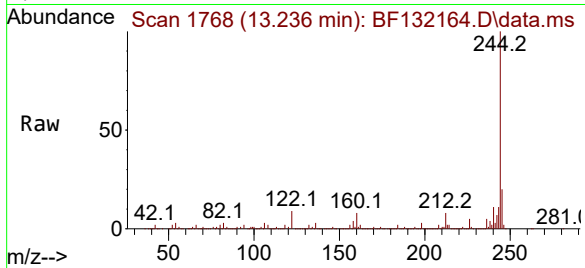
Acq: 20 Jan 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:244 Resp: 1753140

Ion Ratio Lower Upper

244 100

212 8.3 6.7 10.1

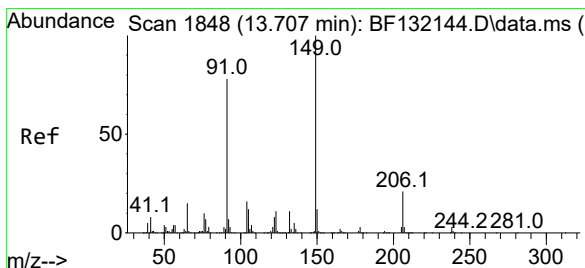
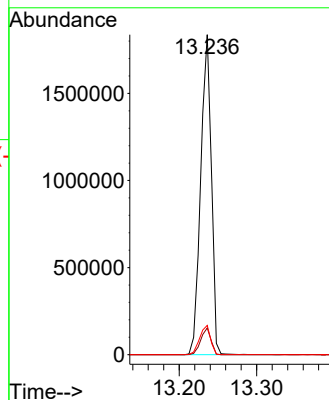
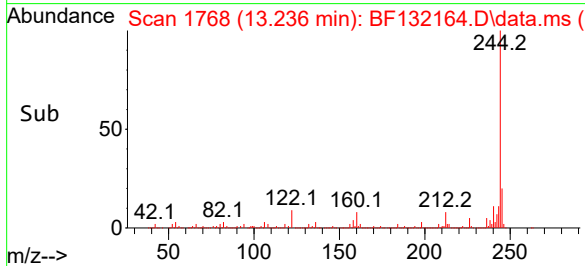
122 9.2 7.4 11.2

Manual Integrations

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Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#80

Butylbenzylphthalate

Concen: 44.913 ng

RT: 13.707 min Scan# 1848

Delta R.T. -0.000 min

Lab File: BF132164.D

Acq: 20 Jan 2023 16:40

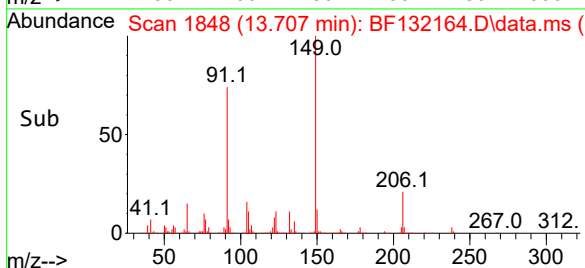
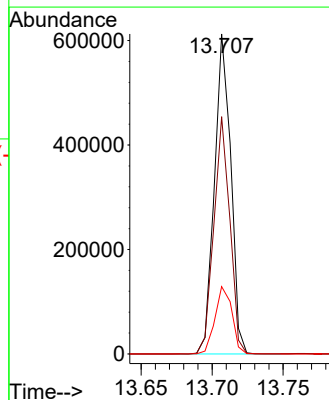
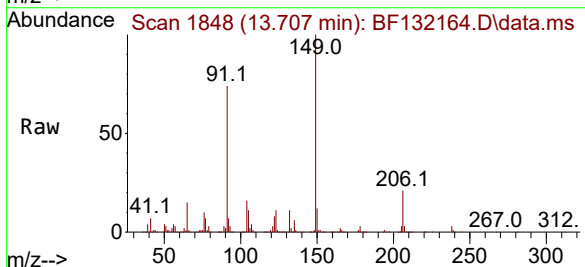
Tgt Ion:149 Resp: 489012

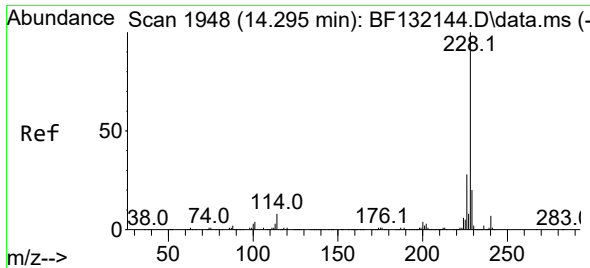
Ion Ratio Lower Upper

149 100

91 74.2 62.6 94.0

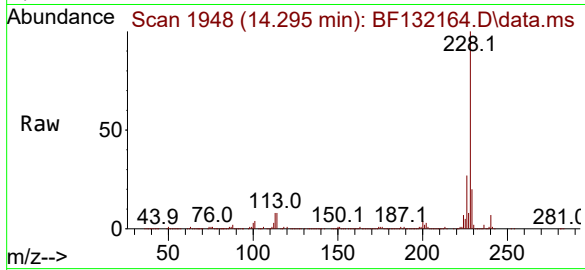
206 21.1 16.4 24.6





#81
Benzo(a)anthracene
Concen: 40.558 ng
RT: 14.295 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BF132164.D
Acq: 20 Jan 2023 16:40

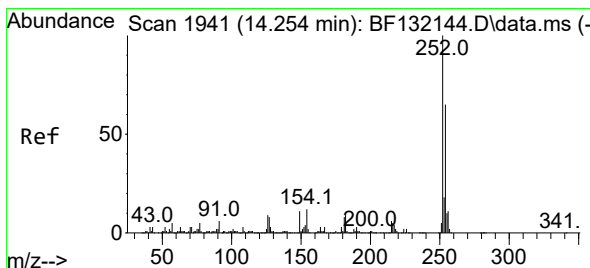
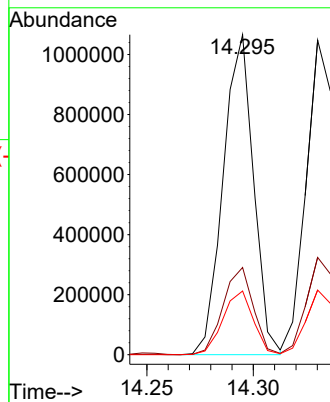
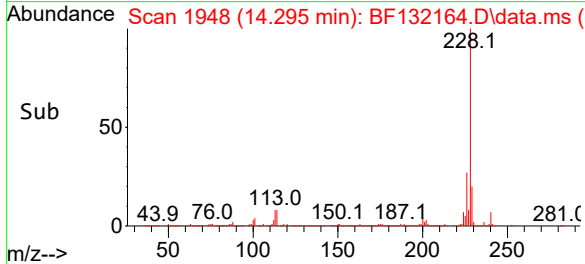
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



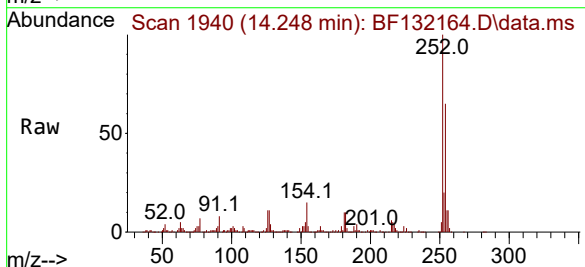
Tgt Ion:228 Resp: 105543
Ion Ratio Lower Upper
228 100
226 27.2 22.5 33.7
229 19.9 16.1 24.1

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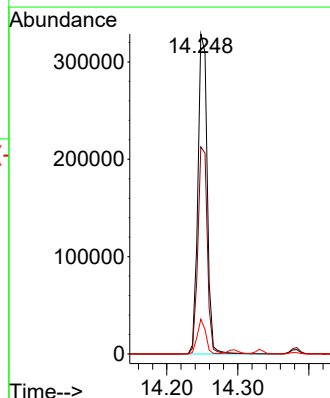
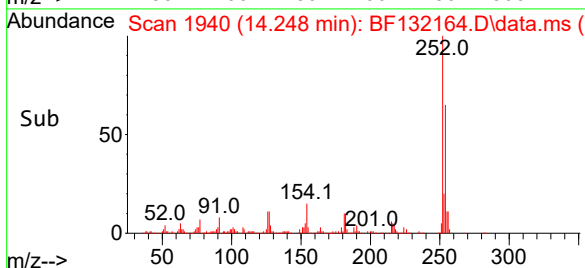
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

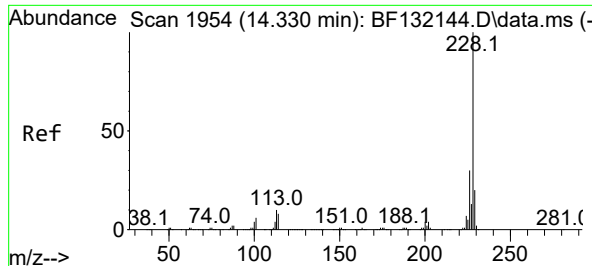


#82
3,3'-Dichlorobenzidine
Concen: 41.477 ng
RT: 14.248 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BF132164.D
Acq: 20 Jan 2023 16:40



Tgt Ion:252 Resp: 300596
Ion Ratio Lower Upper
252 100
254 64.7 52.4 78.6
126 10.9 7.0 10.6#





#83

Chrysene

Concen: 39.224 ng

RT: 14.330 min Scan# 1954

Delta R.T. 0.000 min

Lab File: BF132164.D

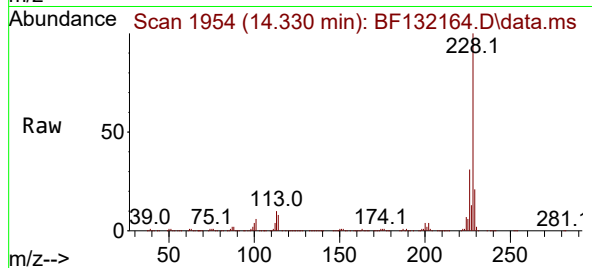
Acq: 20 Jan 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:228 Resp: 971594

Ion Ratio Lower Upper

228 100

226 30.9 24.3 36.5

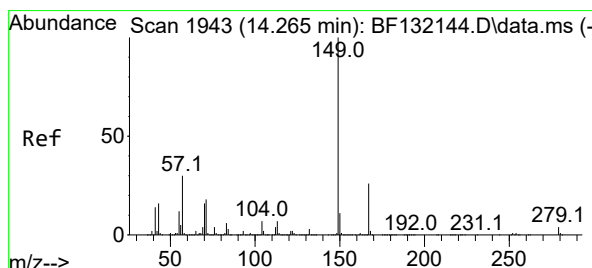
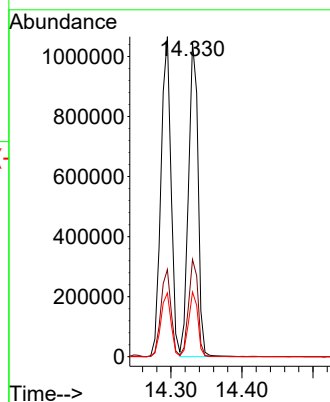
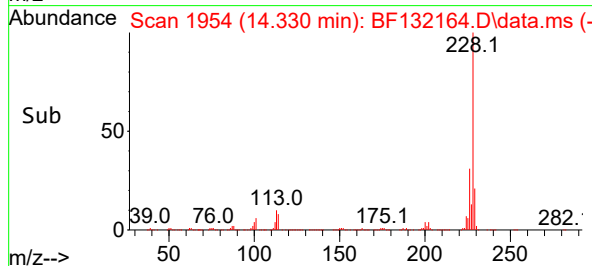
229 20.5 15.8 23.6

Manual Integrations

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Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.510 ng

RT: 14.266 min Scan# 1943

Delta R.T. 0.001 min

Lab File: BF132164.D

Acq: 20 Jan 2023 16:40

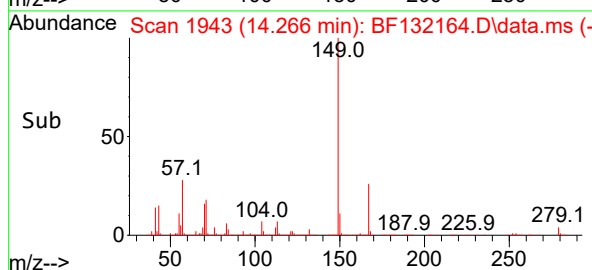
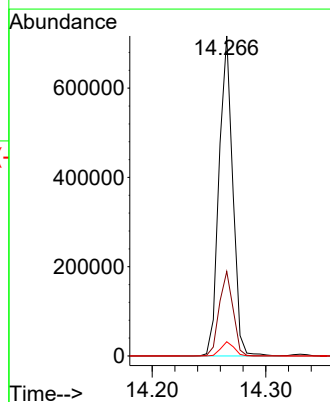
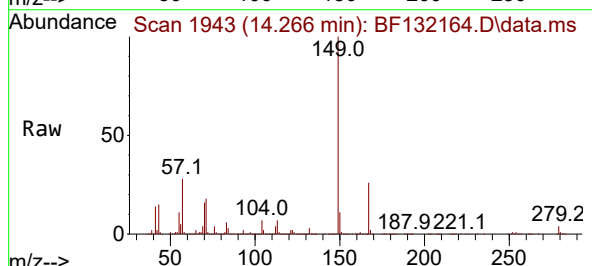
Tgt Ion:149 Resp: 600615

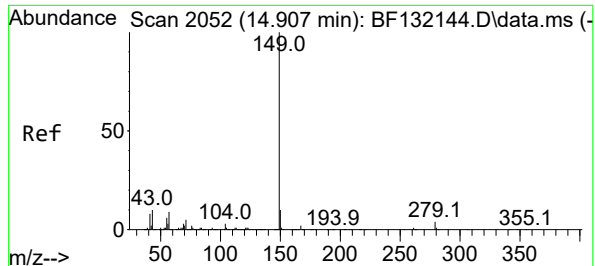
Ion Ratio Lower Upper

149 100

167 26.4 21.0 31.6

279 4.5 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 37.242 ng

RT: 14.907 min Scan# 2052

Delta R.T. -0.000 min

Lab File: BF132164.D

Acq: 20 Jan 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 741305

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

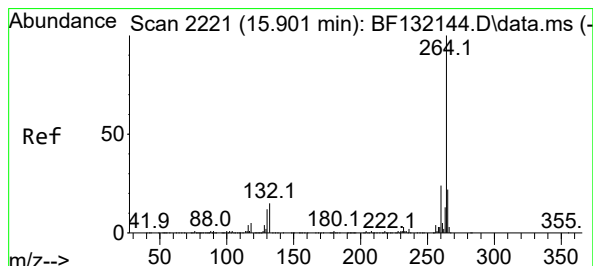
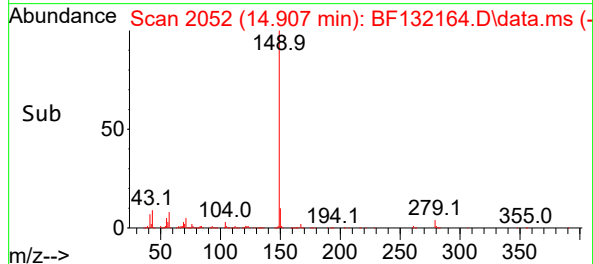
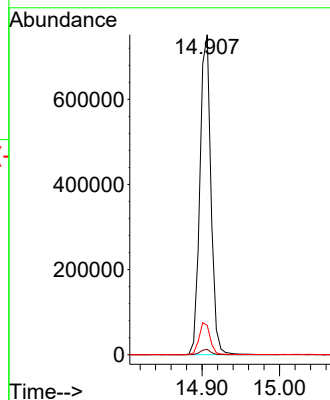
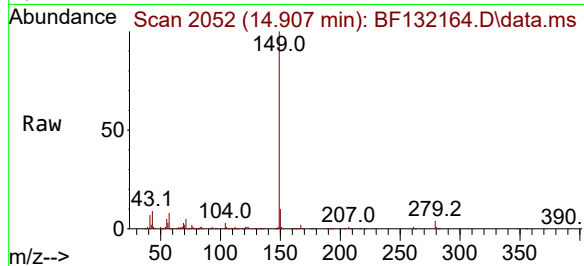
43 10.1 8.4 12.6

Manual Integrations

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Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.901 min Scan# 2221

Delta R.T. -0.000 min

Lab File: BF132164.D

Acq: 20 Jan 2023 16:40

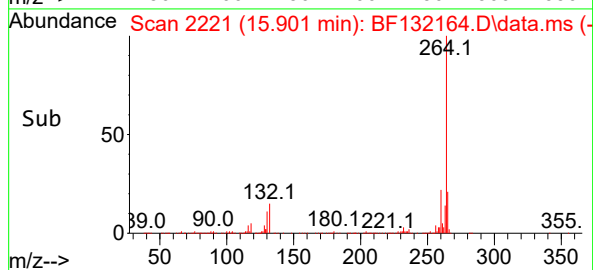
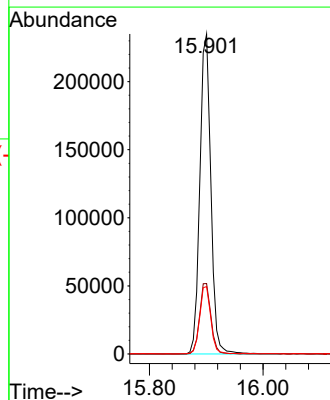
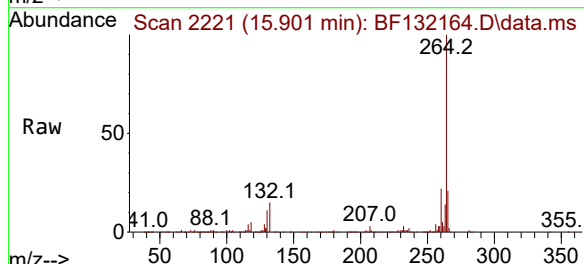
Tgt Ion:264 Resp: 316916

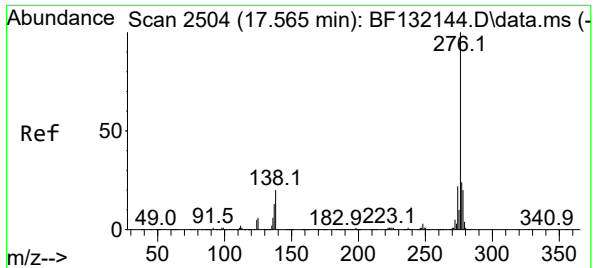
Ion Ratio Lower Upper

264 100

260 22.0 19.1 28.7

265 21.0 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.299 ng

RT: 17.565 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF132164.D

Acq: 20 Jan 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 98066

Ion Ratio Lower Upper

276 100

138 22.4 17.9 26.9

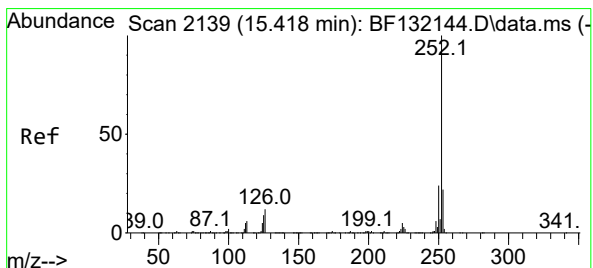
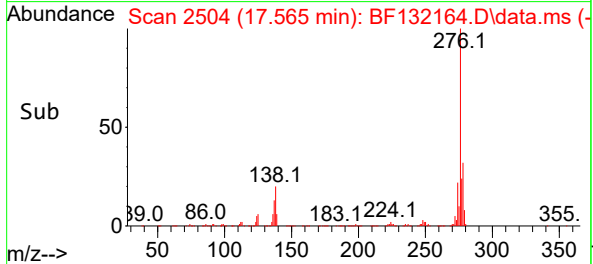
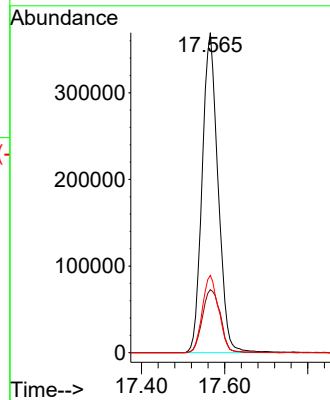
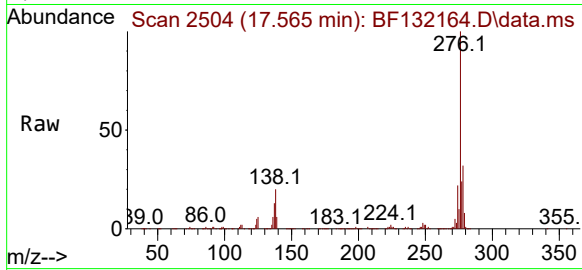
277 24.8 20.2 30.2

Manual Integrations

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Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#88

Benzo(b)fluoranthene

Concen: 41.904 ng

RT: 15.418 min Scan# 2139

Delta R.T. 0.000 min

Lab File: BF132164.D

Acq: 20 Jan 2023 16:40

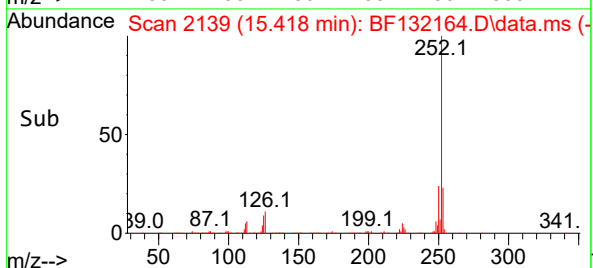
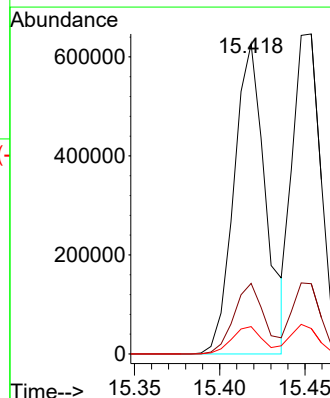
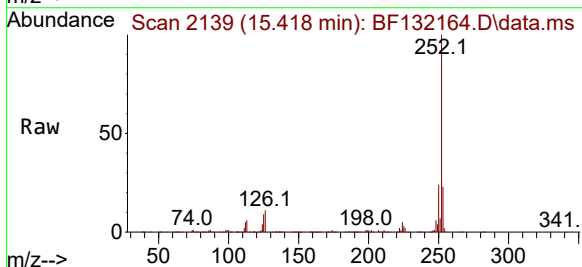
Tgt Ion:252 Resp: 808566

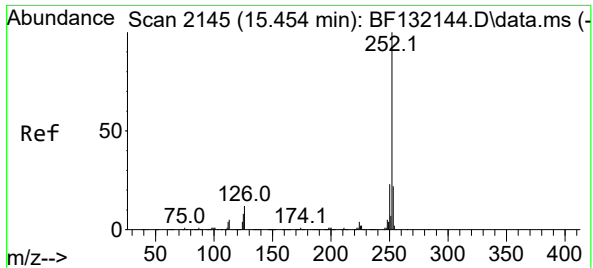
Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.6

125 8.8 7.2 10.8





#89

Benzo(k)fluoranthene

Concen: 38.541 ng

RT: 15.454 min Scan# 2145

Delta R.T. -0.000 min

Lab File: BF132164.D

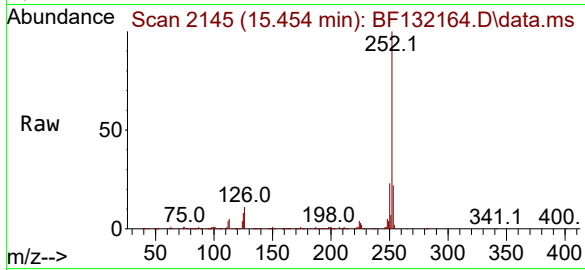
Acq: 20 Jan 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:252 Resp: 758452

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

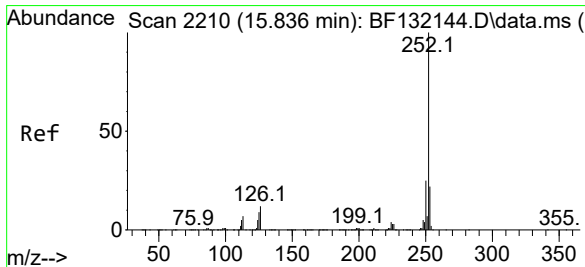
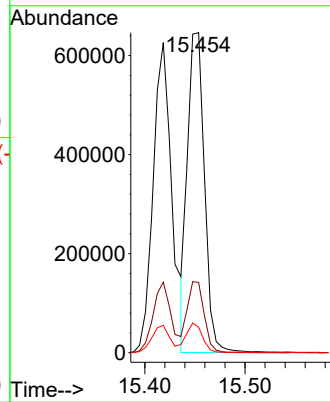
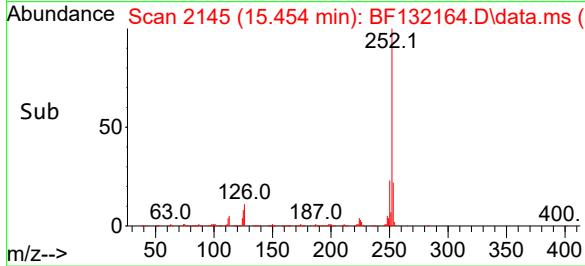
125 8.0 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#90

Benzo(a)pyrene

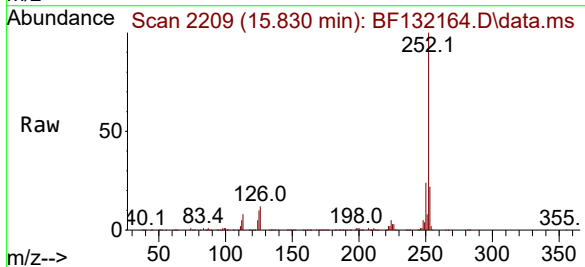
Concen: 40.451 ng

RT: 15.830 min Scan# 2209

Delta R.T. -0.006 min

Lab File: BF132164.D

Acq: 20 Jan 2023 16:40



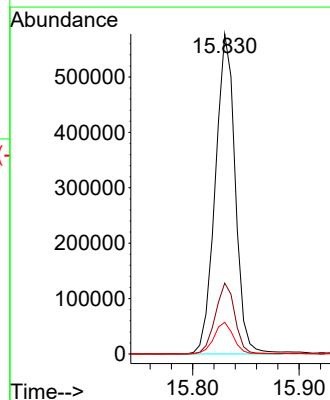
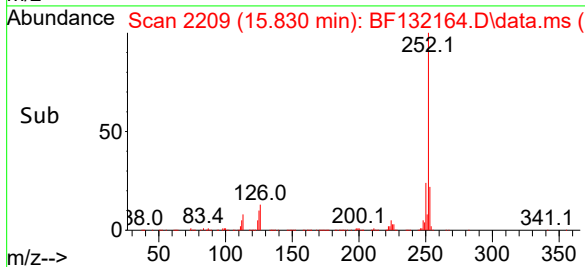
Tgt Ion:252 Resp: 750850

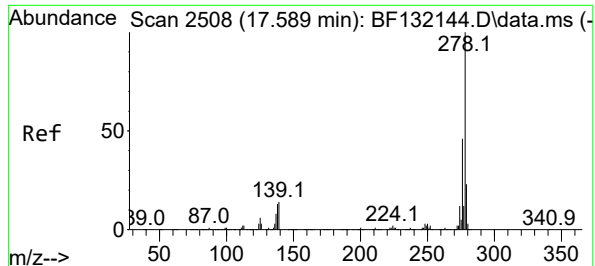
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 9.9 7.3 10.9





#91

Dibenzo(a,h)anthracene

Concen: 42.159 ng

RT: 17.583 min Scan# 2508

Delta R.T. -0.006 min

Lab File: BF132164.D

Acq: 20 Jan 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 790728

Ion Ratio Lower Upper

278 100

139 14.9 11.4 17.2

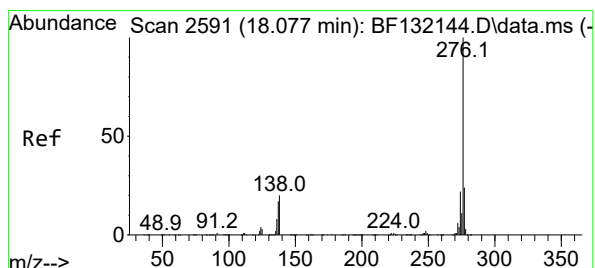
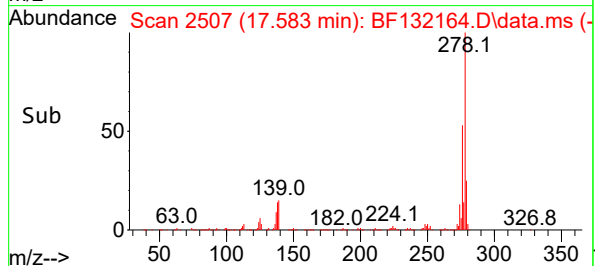
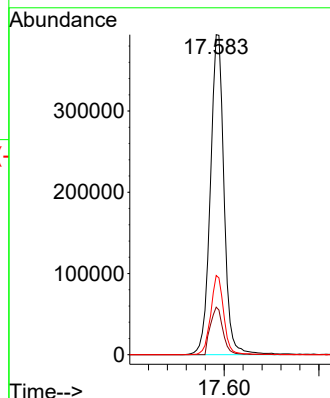
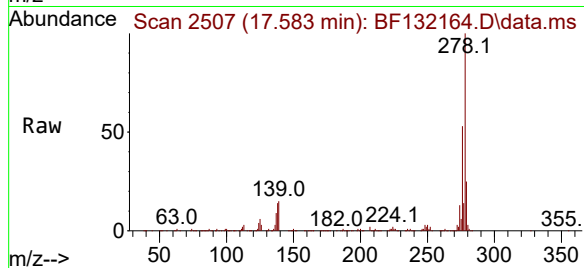
279 24.7 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#92

Benzo(g,h,i)perylene

Concen: 39.619 ng

RT: 18.077 min Scan# 2591

Delta R.T. 0.000 min

Lab File: BF132164.D

Acq: 20 Jan 2023 16:40

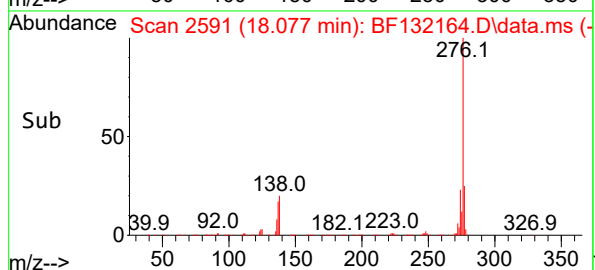
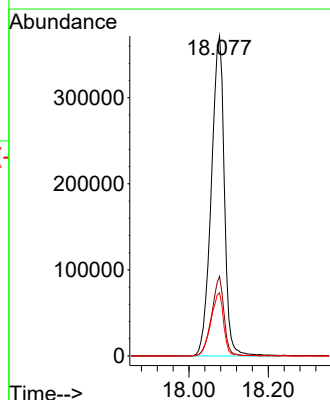
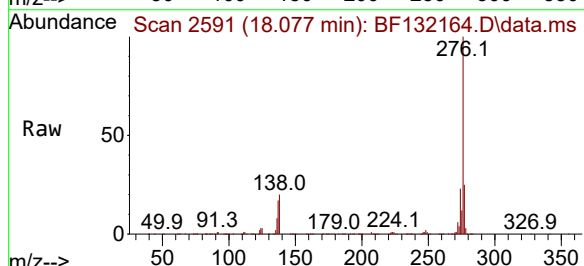
Tgt Ion:276 Resp: 848184

Ion Ratio Lower Upper

276 100

277 24.9 18.9 28.3

138 19.7 15.7 23.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
 Data File : BF132164.D
 Acq On : 20 Jan 2023 16:40
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Jan 21 03:53:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:50:42 2023
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	103	0.00
2	1,4-Dioxane	40.000	41.113	-2.8	106	0.00
3	Pyridine	40.000	41.245	-3.1	106	0.00
4	n-Nitrosodimethylamine	40.000	41.002	-2.5	106	0.00
5 S	2-Fluorophenol	80.000	77.926	2.6	103	0.00
6	Aniline	40.000	39.511	1.2	105	0.00
7 S	Phenol-d6	80.000	78.397	2.0	104	0.00
8	2-Chlorophenol	40.000	39.735	0.7	104	0.00
9	Benzaldehyde	40.000	39.554	1.1	105	0.00
10 C	Phenol	40.000	39.818	0.5	105	0.00
11	bis(2-Chloroethyl)ether	40.000	39.184	2.0	104	0.00
12	1,3-Dichlorobenzene	40.000	38.329	4.2	101	0.00
13 C	1,4-Dichlorobenzene	40.000	38.757	3.1	102	0.00
14	1,2-Dichlorobenzene	40.000	38.675	3.3	103	0.00
15	Benzyl Alcohol	40.000	40.227	-0.6	104	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	38.490	3.8	101	0.00
17	2-Methylphenol	40.000	39.660	0.9	104	0.00
18	Hexachloroethane	40.000	40.476	-1.2	103	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	37.735	5.7	102	0.00
20	3+4-Methylphenols	40.000	39.983	0.0	104	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	103	0.00
22	Acetophenone	40.000	38.310	4.2	103	0.00
23 S	Nitrobenzene-d5	80.000	83.538	-4.4	106	0.00
24	Nitrobenzene	40.000	40.981	-2.5	103	0.00
25	Isophorone	40.000	39.448	1.4	104	0.00
26 C	2-Nitrophenol	40.000	46.464	-16.2	122	0.00
27	2,4-Dimethylphenol	40.000	40.006	-0.0	102	0.00
28	bis(2-Chloroethoxy)methane	40.000	39.255	1.9	104	0.00
29 C	2,4-Dichlorophenol	40.000	41.089	-2.7	104	0.00
30	1,2,4-Trichlorobenzene	40.000	39.014	2.5	102	0.00
31	Naphthalene	40.000	39.269	1.8	104	0.00
32	Benzoic acid	40.000	43.447	-8.6	124	0.00
33	4-Chloroaniline	40.000	40.479	-1.2	105	0.00
34 C	Hexachlorobutadiene	40.000	38.882	2.8	102	0.00
35	Caprolactam	40.000	45.882	-14.7	112	0.00
36 C	4-Chloro-3-methylphenol	40.000	40.995	-2.5	104	0.00
37	2-Methylnaphthalene	40.000	38.901	2.7	103	0.00
38	1-Methylnaphthalene	40.000	38.580	3.6	102	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	105	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	38.447	3.9	102	0.00
41 P	Hexachlorocyclopentadiene	40.000	40.232	-0.6	103	0.00
42 S	2,4,6-Tribromophenol	80.000	86.555	-8.2	109	0.00
43 C	2,4,6-Trichlorophenol	40.000	41.969	-4.9	106	0.00
44	2,4,5-Trichlorophenol	40.000	41.400	-3.5	105	0.00
45 S	2-Fluorobiphenyl	80.000	71.530	10.6	103	0.00
46	1,1'-Biphenyl	40.000	37.981	5.0	102	0.00
47	2-Chloronaphthalene	40.000	38.889	2.8	104	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
 Data File : BF132164.D
 Acq On : 20 Jan 2023 16:40
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Jan 21 03:53:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:50:42 2023
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	42.996	-7.5	115	0.00
49	Acenaphthylene	40.000	39.256	1.9	105	0.00
50	Dimethylphthalate	40.000	40.067	-0.2	106	0.00
51	2,6-Dinitrotoluene	40.000	46.890	-17.2	115	0.00
52 C	Acenaphthene	40.000	39.012	2.5	105	0.00
53	3-Nitroaniline	40.000	47.109	-17.8	115	0.00
54 P	2,4-Dinitrophenol	40.000	46.708	-16.8	136	0.00
55	Dibenzofuran	40.000	38.595	3.5	104	0.00
56 P	4-Nitrophenol	40.000	48.015	-20.0	119	0.00
57	2,4-Dinitrotoluene	40.000	49.185	-23.0	122	0.00
58	Fluorene	40.000	38.463	3.8	106	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	43.130	-7.8	107	0.00
60	Diethylphthalate	40.000	41.052	-2.6	107	0.00
61	4-Chlorophenyl-phenylether	40.000	38.932	2.7	104	0.00
62	4-Nitroaniline	40.000	47.716	-19.3	124	0.00
63	Azobenzene	40.000	39.420	1.4	105	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	111	0.00
65	4,6-Dinitro-2-methylphenol	40.000	44.460	-11.2	141	0.00
66 c	n-Nitrosodiphenylamine	40.000	37.289	6.8	107	0.00
67	4-Bromophenyl-phenylether	40.000	37.516	6.2	107	0.00
68	Hexachlorobenzene	40.000	37.885	5.3	108	0.00
69	Atrazine	40.000	41.064	-2.7	114	0.00
70 C	Pentachlorophenol	40.000	44.633	-11.6	118	0.00
71	Phenanthrene	40.000	38.124	4.7	111	0.00
72	Anthracene	40.000	38.122	4.7	111	0.00
73	Carbazole	40.000	40.304	-0.8	117	0.00
74	Di-n-butylphthalate	40.000	41.855	-4.6	118	0.00
75 C	Fluoranthene	40.000	41.488	-3.7	123	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	117	0.00
77	Benzydine	40.000	47.739	-19.3	123	0.00
78	Pyrene	40.000	42.136	-5.3	123	0.00
79 S	Terphenyl-d14	80.000	80.620	-0.8	122	0.00
80	Butylbenzylphthalate	40.000	44.913	-12.3	135	0.00
81	Benzo(a)anthracene	40.000	40.558	-1.4	121	0.00
82	3,3'-Dichlorobenzidine	40.000	41.477	-3.7	114	0.00
83	Chrysene	40.000	39.224	1.9	117	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	41.510	-3.8	125	0.00
85 c	Di-n-octyl phthalate	40.000	37.242	6.9	109	0.00
86 I	Perylene-d12	20.000	20.000	0.0	99	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	39.299	1.8	97	0.00
88	Benzo(b)fluoranthene	40.000	41.904	-4.8	102	0.00
89	Benzo(k)fluoranthene	40.000	38.541	3.6	97	0.00
90 C	Benzo(a)pyrene	40.000	40.451	-1.1	98	0.00
91	Dibenzo(a,h)anthracene	40.000	42.159	-5.4	95	0.00
92	Benzo(g,h,i)perylene	40.000	39.619	1.0	97	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
Data File : BF132164.D
Acq On : 20 Jan 2023 16:40
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jan 21 03:53:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 20 00:50:42 2023
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)
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(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
 Data File : BF132164.D
 Acq On : 20 Jan 2023 16:40
 Operator : CG\JU
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
2	1,4-Dioxane	0.580	0.596	-2.8	106	0.00
3	Pyridine	1.557	1.606	-3.1	106	0.00
4	n-Nitrosodimethylamine	0.732	0.751	-2.6	106	0.00
5 S	2-Fluorophenol	1.145	1.115	2.6	103	0.00
6	Aniline	1.996	1.972	1.2	105	0.00
7 S	Phenol-d6	1.441	1.412	2.0	104	0.00
8	2-Chlorophenol	1.203	1.195	0.7	104	0.00
9	Benzaldehyde	0.927	0.917	1.1	105	0.00
10 C	Phenol	1.500	1.494	0.4	105	0.00
11	bis(2-Chloroethyl)ether	1.270	1.244	2.0	104	0.00
12	1,3-Dichlorobenzene	1.345	1.289	4.2	101	0.00
13 C	1,4-Dichlorobenzene	1.342	1.301	3.1	102	0.00
14	1,2-Dichlorobenzene	1.241	1.200	3.3	103	0.00
15	Benzyl Alcohol	1.102	1.109	-0.6	104	0.00
16	2,2'-oxybis(1-Chloropropane	1.846	1.776	3.8	101	0.00
17	2-Methylphenol	1.054	1.045	0.9	104	0.00
18	Hexachloroethane	0.482	0.488	-1.2	103	0.00
19 P	n-Nitroso-di-n-propylamine	0.883	0.833	5.7	102	0.00
20	3+4-Methylphenols	1.328	1.328	0.0	104	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	103	0.00
22	Acetophenone	0.481	0.460	4.4	103	0.00
23 S	Nitrobenzene-d5	0.376	0.393	-4.5	106	0.00
24	Nitrobenzene	0.399	0.408	-2.3	103	0.00
25	Isophorone	0.737	0.726	1.5	104	0.00
26 C	2-Nitrophenol	0.127	0.175	-37.8#	122	0.00
27	2,4-Dimethylphenol	0.319	0.319	0.0	102	0.00
28	bis(2-Chloroethoxy)methane	0.442	0.434	1.8	104	0.00
29 C	2,4-Dichlorophenol	0.303	0.311	-2.6	104	0.00
30	1,2,4-Trichlorobenzene	0.344	0.335	2.6	102	0.00
31	Naphthalene	1.027	1.008	1.9	104	0.00
32	Benzoic acid	0.187	0.226	-20.9	124	0.00
33	4-Chloroaniline	0.440	0.445	-1.1	105	0.00
34 C	Hexachlorobutadiene	0.231	0.224	3.0	102	0.00
35	Caprolactam	0.086	0.098	-14.0	112	0.00
36 C	4-Chloro-3-methylphenol	0.305	0.312	-2.3	104	0.00
37	2-Methylnaphthalene	0.707	0.688	2.7	103	0.00
38	1-Methylnaphthalene	0.658	0.635	3.5	102	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	105	0.00
40	1,2,4,5-Tetrachlorobenzene	0.696	0.669	3.9	102	0.00
41 P	Hexachlorocyclopentadiene	0.380	0.382	-0.5	103	0.00
42 S	2,4,6-Tribromophenol	0.214	0.231	-7.9	109	0.00
43 C	2,4,6-Trichlorophenol	0.432	0.453	-4.9	106	0.00
44	2,4,5-Trichlorophenol	0.505	0.523	-3.6	105	0.00
45 S	2-Fluorobiphenyl	1.369	1.224	10.6	103	0.00
46	1,1'-Biphenyl	1.578	1.498	5.1	102	0.00
47	2-Chloronaphthalene	1.220	1.186	2.8	104	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
 Data File : BF132164.D
 Acq On : 20 Jan 2023 16:40
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Jan 21 03:53:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:50:42 2023
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.351	0.417	-18.8	115	0.00
49	Acenaphthylene	1.951	1.915	1.8	105	0.00
50	Dimethylphthalate	1.449	1.451	-0.1	106	0.00
51	2,6-Dinitrotoluene	0.281	0.329	-17.1	115	0.00
52 C	Acenaphthene	1.174	1.145	2.5	105	0.00
53	3-Nitroaniline	0.300	0.354	-18.0	115	0.00
54 P	2,4-Dinitrophenol	0.108	0.144	-33.3#	136	0.00
55	Dibenzofuran	1.814	1.750	3.5	104	0.00
56 P	4-Nitrophenol	0.218	0.262	-20.2	119	0.00
57	2,4-Dinitrotoluene	0.337	0.414	-22.8	122	0.00
58	Fluorene	1.344	1.292	3.9	106	0.00
59	2,3,4,6-Tetrachlorophenol	0.384	0.414	-7.8	107	0.00
60	Diethylphthalate	1.420	1.458	-2.7	107	0.00
61	4-Chlorophenyl-phenylether	0.720	0.700	2.8	104	0.00
62	4-Nitroaniline	0.279	0.333	-19.4	124	0.00
63	Azobenzene	1.426	1.405	1.5	105	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	111	0.00
65	4,6-Dinitro-2-methylphenol	0.087	0.107	-23.0	141	0.00
66 c	n-Nitrosodiphenylamine	0.641	0.597	6.9	107	0.00
67	4-Bromophenyl-phenylether	0.244	0.229	6.1	107	0.00
68	Hexachlorobenzene	0.242	0.229	5.4	108	0.00
69	Atrazine	0.198	0.203	-2.5	114	0.00
70 C	Pentachlorophenol	0.156	0.174	-11.5	118	0.00
71	Phenanthrene	1.050	1.000	4.8	111	0.00
72	Anthracene	1.062	1.012	4.7	111	0.00
73	Carbazole	0.907	0.914	-0.8	117	0.00
74	Di-n-butylphthalate	1.010	1.056	-4.6	118	0.00
75 C	Fluoranthene	1.078	1.118	-3.7	123	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	117	0.00
77	Benzydine	0.600	0.717	-19.5	123	0.00
78	Pyrene	1.843	1.942	-5.4	123	0.00
79 S	Terphenyl-d14	1.194	1.203	-0.8	122	0.00
80	Butylbenzylphthalate	0.534	0.671	-25.7#	135	0.00
81	Benzo(a)anthracene	1.429	1.449	-1.4	121	0.00
82	3,3'-Dichlorobenzidine	0.398	0.413	-3.8	114	0.00
83	Chrysene	1.360	1.334	1.9	117	0.00
84	Bis(2-ethylhexyl)phthalate	0.705	0.824	-16.9	125	0.00
85 c	Di-n-octyl phthalate	1.083	1.018	6.0	109	0.00
86 I	Perylene-d12	1.000	1.000	0.0	99	0.00
87	Indeno(1,2,3-cd)pyrene	1.451	1.547	-6.6	97	0.00
88	Benzo(b)fluoranthene	1.218	1.276	-4.8	102	0.00
89	Benzo(k)fluoranthene	1.242	1.197	3.6	97	0.00
90 C	Benzo(a)pyrene	1.171	1.185	-1.2	98	0.00
91	Dibenzo(a,h)anthracene	1.184	1.248	-5.4	95	0.00
92	Benzo(g,h,i)perylene	1.246	1.338	-7.4	97	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
Data File : BF132164.D
Acq On : 20 Jan 2023 16:40
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jan 21 03:53:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 20 00:50:42 2023
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
----------	-------	------	------	-------	----------

(#) = Out of Range

SPCC's out = 0 CCC's out = 1



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: loui01
 Lab Code: CHEM Case No.: O1232 SAS No.: O1232 SDG No.: O1232
 Instrument ID: BNA_P Calibration Date/Time: 01/24/2023 15:13
 Lab File ID: BP013571.D Init. Calib. Date(s): 01/23/2023 01/23/2023
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:25 16:01
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.167	1.147		-1.7	
Phenol-d6	1.571	1.597		1.7	
Nitrobenzene-d5	0.303	0.333		9.9	
Naphthalene	1.075	1.033		-3.9	
2-Fluorobiphenyl	1.457	1.331		-8.6	
Acenaphthylene	1.968	1.875		-4.7	
Acenaphthene	1.216	1.183		-2.7	20.0
Fluorene	1.482	1.443		-2.6	
2,4,6-Tribromophenol	0.201	0.241		19.9	
Phenanthrene	1.113	1.061		-4.7	
Anthracene	1.129	1.078		-4.5	
Fluoranthene	1.183	1.251		5.7	20.0
Pyrene	1.529	1.345		-12.0	
Terphenyl-d14	1.112	1.000		-10.1	
Benzo (a) anthracene	1.393	1.340		-3.8	
Chrysene	1.333	1.268		-4.9	
Benzo (b) fluoranthene	1.230	1.204		-2.1	
Benzo (k) fluoranthene	1.255	1.230		-2.0	
Benzo (a) pyrene	1.194	1.155		-3.3	20.0
Indeno (1,2,3-cd) pyrene	1.473	1.333		-9.5	
Dibenzo (a,h) anthracene	1.236	1.129		-8.7	
Benzo (g,h,i) perylene	1.206	1.048		-13.1	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012423\
 Data File : BP013571.D
 Acq On : 24 Jan 2023 15:13
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 25 03:48:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 03:43:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.163	152	306718	20.000	ng	0.00
21) Naphthalene-d8	10.993	136	1319960	20.000	ng	0.00
39) Acenaphthene-d10	14.798	164	845480	20.000	ng	0.00
64) Phenanthrene-d10	17.551	188	1830854	20.000	ng	0.00
76) Chrysene-d12	21.627	240	1775326	20.000	ng	0.00
86) Perylene-d12	24.215	264	1903851	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1407570	78.628	ng	0.00
7) Phenol-d6	7.305	99	1958985	81.309	ng	0.00
23) Nitrobenzene-d5	9.334	82	1757278	87.889	ng	0.00
42) 2,4,6-Tribromophenol	16.281	330	813922	95.975	ng	0.00
45) 2-Fluorobiphenyl	13.422	172	4501608	73.084	ng	0.00
79) Terphenyl-d14	20.080	244	7103236	71.980	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.528	88	275280	38.145	ng	97
3) Pyridine	3.940	79	840847	39.249	ng	98
4) n-Nitrosodimethylamine	3.852	42	357648	36.923	ng	94
6) Aniline	7.475	93	1303907	40.287	ng	100
8) 2-Chlorophenol	7.716	128	811337	41.073	ng	98
9) Benzaldehyde	7.287	77	544547	35.691	ng	99
10) Phenol	7.328	94	1012575	40.565	ng	99
11) bis(2-Chloroethyl)ether	7.575	93	814987	39.929	ng	97
12) 1,3-Dichlorobenzene	8.052	146	851100	38.961	ng	97
13) 1,4-Dichlorobenzene	8.199	146	866381	39.114	ng	99
14) 1,2-Dichlorobenzene	8.522	146	838546	39.097	ng	98
15) Benzyl Alcohol	8.399	79	711826	41.352	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.699	45	1100796	39.385	ng	99
17) 2-Methylphenol	8.599	107	740935	40.871	ng	98
18) Hexachloroethane	9.257	117	300986	40.653	ng	98
19) n-Nitroso-di-n-propyla...	8.975	70	651844	42.005	ng	98
20) 3+4-Methylphenols	8.928	107	1015829	42.571	ng	98
22) Acetophenone	8.993	105	1292838	38.180	ng	# 99
24) Nitrobenzene	9.375	77	908102	42.241	ng	98
25) Isophorone	9.904	82	1841008	38.819	ng	98
26) 2-Nitrophenol	10.093	139	374036	48.199	ng	97
27) 2,4-Dimethylphenol	10.146	122	821831	40.144	ng	98
28) bis(2-Chloroethoxy)met...	10.387	93	1129229	39.512	ng	99
29) 2,4-Dichlorophenol	10.628	162	789841	41.944	ng	99
30) 1,2,4-Trichlorobenzene	10.851	180	824483	38.366	ng	98
31) Naphthalene	11.046	128	2727667	38.438	ng	99
32) Benzoic acid	10.269	122	488696	49.345	ng	98
33) 4-Chloroaniline	11.146	127	1252849	39.901	ng	99
34) Hexachlorobutadiene	11.328	225	473578	37.868	ng	99
35) Caprolactam	11.928	113	289017	47.340	ng	93
36) 4-Chloro-3-methylphenol	12.251	107	894439	43.614	ng	97
37) 2-Methylnaphthalene	12.640	142	2016496	39.978	ng	99
38) 1-Methylnaphthalene	12.857	142	1891404	39.906	ng	99
40) 1,2,4,5-Tetrachloroben...	12.998	216	948623	36.444	ng	100
41) Hexachlorocyclopentadiene	12.981	237	498883	38.629	ng	98
43) 2,4,6-Trichlorophenol	13.228	196	645258	42.355	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012423\
 Data File : BP013571.D
 Acq On : 24 Jan 2023 15:13
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 25 03:48:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 03:43:27 2023
 Response via : Initial Calibration

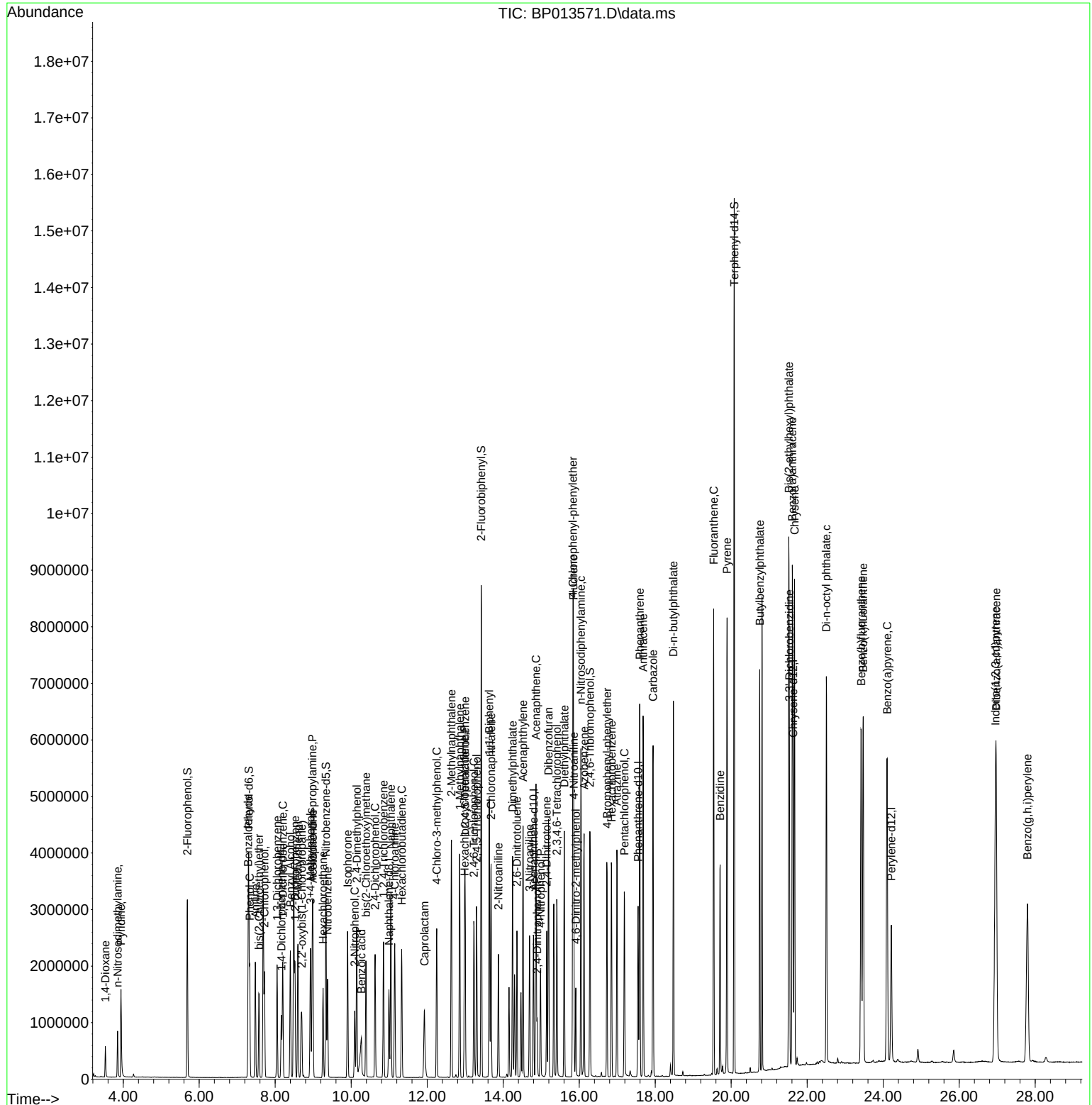
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.298	196	765637	42.530	ng	99
46) 1,1'-Biphenyl	13.634	154	2502661	36.857	ng	100
47) 2-Chloronaphthalene	13.681	162	1866810	36.698	ng	99
48) 2-Nitroaniline	13.875	65	550826	43.909	ng	92
49) Acenaphthylene	14.522	152	3169706	38.102	ng	99
50) Dimethylphthalate	14.245	163	2543784	40.475	ng	100
51) 2,6-Dinitrotoluene	14.363	165	529259	43.626	ng	92
52) Acenaphthene	14.863	154	2000093	38.921	ng	98
53) 3-Nitroaniline	14.692	138	610818	43.986	ng	# 95
54) 2,4-Dinitrophenol	14.892	184	198862	56.351	ng	97
55) Dibenzofuran	15.192	168	3039348	38.570	ng	100
56) 4-Nitrophenol	14.987	139	487069	47.976	ng	92
57) 2,4-Dinitrotoluene	15.145	165	711855	48.771	ng	90
58) Fluorene	15.845	166	2439929	38.957	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.410	232	630666	45.624	ng	98
60) Diethylphthalate	15.610	149	2571209	41.887	ng	99
61) 4-Chlorophenyl-phenylether	15.834	204	1204164	39.100	ng	98
62) 4-Nitroaniline	15.857	138	636072	47.406	ng	94
63) Azobenzene	16.128	77	2310852	38.742	ng	96
65) 4,6-Dinitro-2-methylph...	15.910	198	308703	51.694	ng	94
66) n-Nitrosodiphenylamine	16.045	169	2165027	36.261	ng	100
67) 4-Bromophenyl-phenylether	16.734	248	734142	36.200	ng	96
68) Hexachlorobenzene	16.851	284	811990	37.067	ng	98
69) Atrazine	16.992	200	719707	42.129	ng	99
70) Pentachlorophenol	17.192	266	586444	42.768	ng	97
71) Phenanthrene	17.592	178	3886176	38.150	ng	99
72) Anthracene	17.681	178	3948781	38.194	ng	99
73) Carbazole	17.945	167	3717879	40.015	ng	99
74) Di-n-butylphthalate	18.480	149	4497957	43.497	ng	100
75) Fluoranthene	19.539	202	4579389	42.274	ng	99
77) Benzidine	19.710	184	2044660	45.793	ng	100
78) Pyrene	19.892	202	4776103	35.184	ng	100
80) Butylbenzylphthalate	20.751	149	2011565	46.542	ng	98
81) Benzo(a)anthracene	21.610	228	4759168	38.480	ng	100
82) 3,3'-Dichlorobenzidine	21.533	252	1647068	41.332	ng	99
83) Chrysene	21.669	228	4502114	38.058	ng	99
84) Bis(2-ethylhexyl)phtha...	21.516	149	2979383	43.073	ng	100
85) Di-n-octyl phthalate	22.504	149	5051658	45.299	ng	97
87) Indeno(1,2,3-cd)pyrene	26.957	276	5075238	36.191	ng	100
88) Benzo(b)fluoranthene	23.421	252	4583063	39.131	ng	99
89) Benzo(k)fluoranthene	23.474	252	4682960	39.202	ng	99
90) Benzo(a)pyrene	24.104	252	4398834	38.718	ng	100
91) Dibenzo(a,h)anthracene	26.974	278	4300120	36.557	ng	99
92) Benzo(g,h,i)perylene	27.798	276	3988636	34.739	ng	100

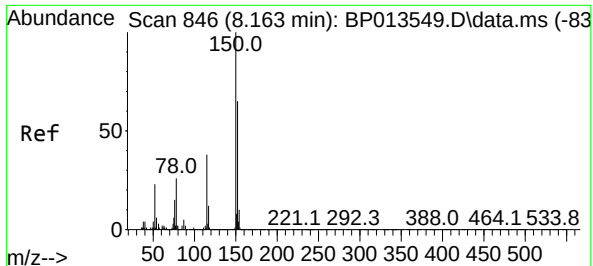
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012423\  
Data File : BP013571.D  
Acq On    : 24 Jan 2023  15:13  
Operator  : CG/JU  
Sample    : SSTDCCC040  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
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Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Jan 25 03:48:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 25 03:43:27 2023
Response via : Initial Calibration

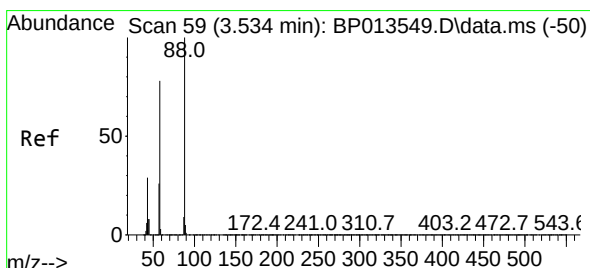
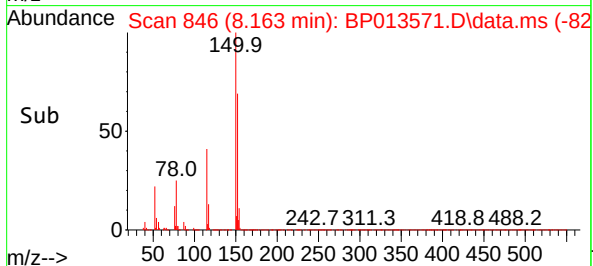
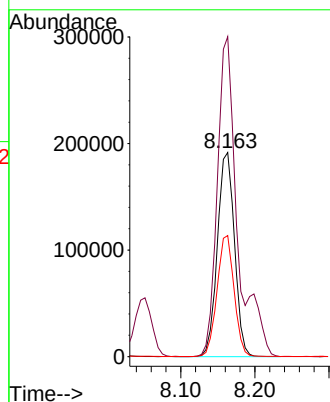
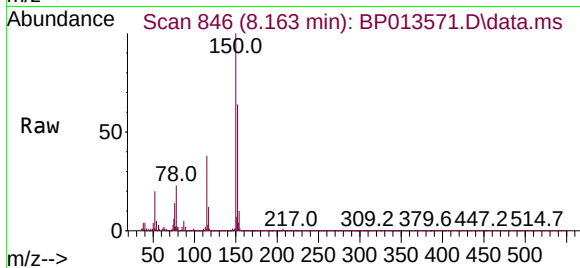




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.163 min Scan# 84
Delta R.T. -0.001 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

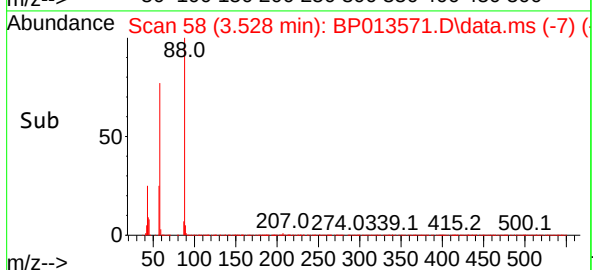
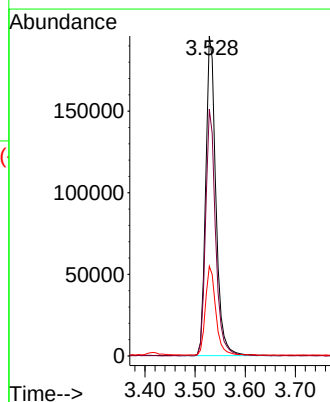
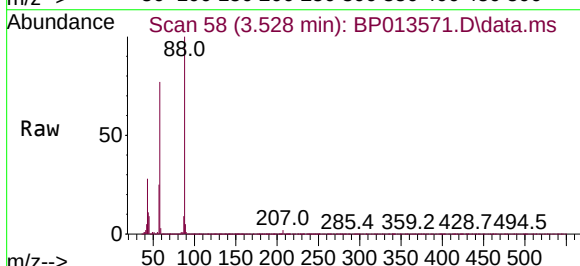
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

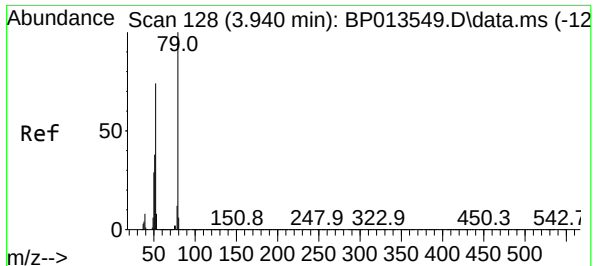
Tgt Ion:152 Resp: 306718
Ion Ratio Lower Upper
152 100
150 156.9 122.4 183.6
115 59.3 46.1 69.1



#2
1,4-Dioxane
Concen: 38.145 ng
RT: 3.528 min Scan# 58
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

Tgt Ion: 88 Resp: 275280
Ion Ratio Lower Upper
88 100
58 76.2 63.6 95.4
43 28.8 24.2 36.2





#3

Pyridine

Concen: 39.249 ng

RT: 3.940 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP013571.D

Acq: 24 Jan 2023 15:13

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

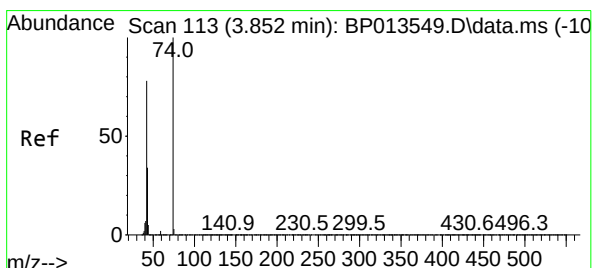
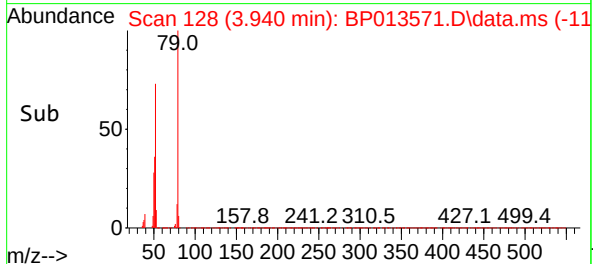
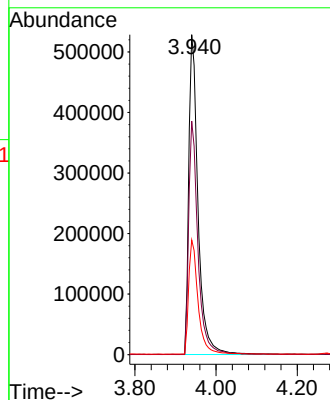
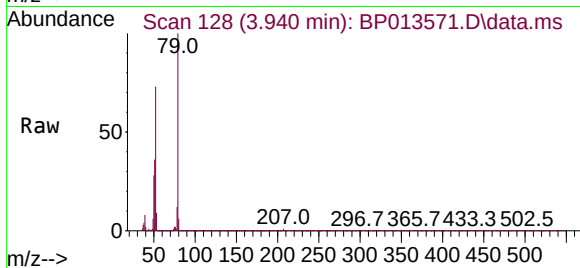
Tgt Ion: 79 Resp: 840847

Ion Ratio Lower Upper

79 100

52 73.0 59.4 89.2

51 35.8 30.6 45.8



#4

n-Nitrosodimethylamine

Concen: 36.923 ng

RT: 3.852 min Scan# 113

Delta R.T. -0.000 min

Lab File: BP013571.D

Acq: 24 Jan 2023 15:13

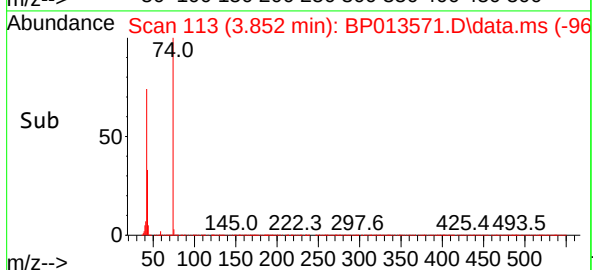
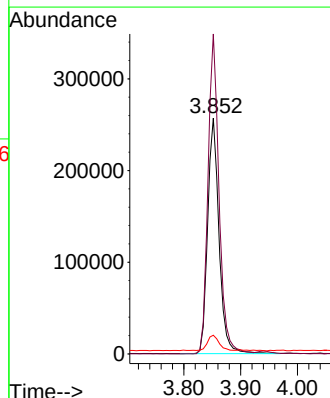
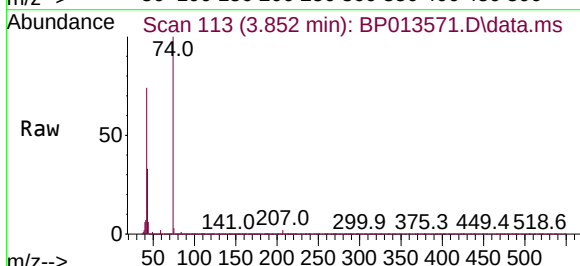
Tgt Ion: 42 Resp: 357648

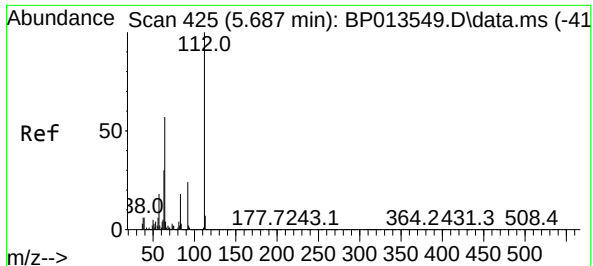
Ion Ratio Lower Upper

42 100

74 135.7 102.3 153.5

44 7.9 6.2 9.2

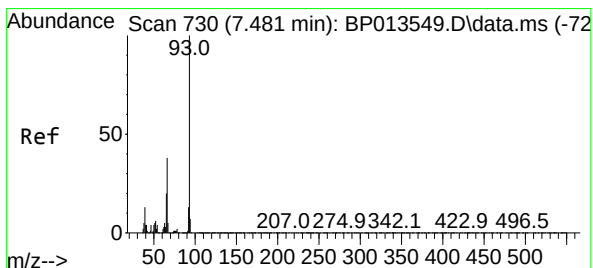
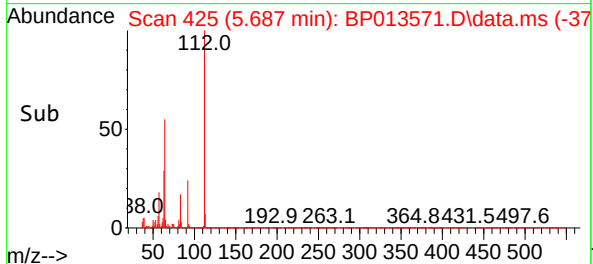
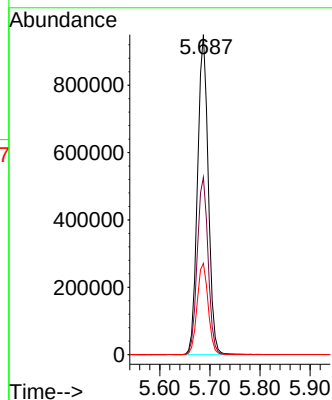
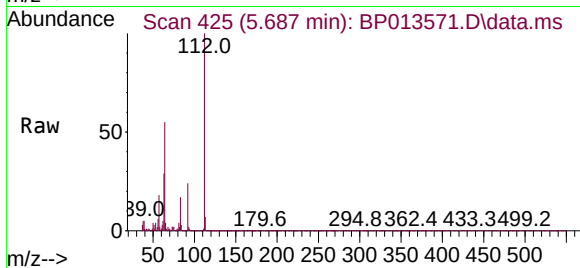




#5
2-Fluorophenol
Concen: 78.628 ng
RT: 5.687 min Scan# 41
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

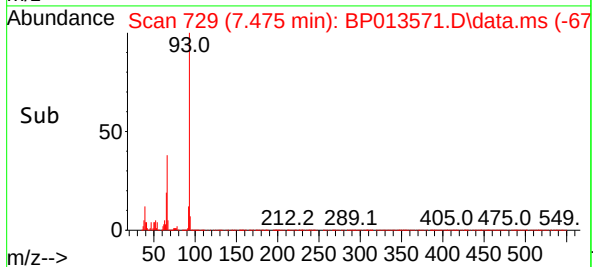
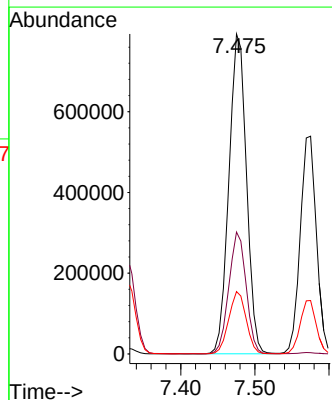
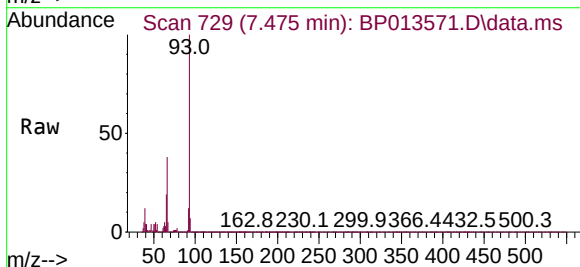
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

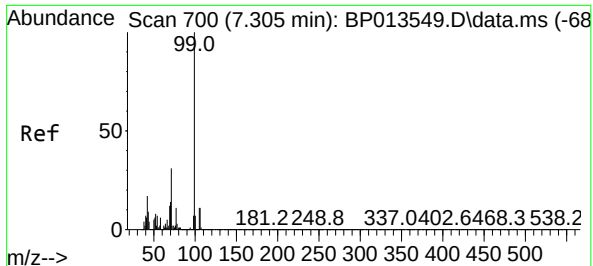
Tgt Ion:112 Resp: 1407570
Ion Ratio Lower Upper
112 100
64 55.4 45.4 68.0
63 28.5 24.1 36.1



#6
Aniline
Concen: 40.287 ng
RT: 7.475 min Scan# 729
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

Tgt Ion: 93 Resp: 1303907
Ion Ratio Lower Upper
93 100
66 38.1 30.3 45.5
65 19.5 15.9 23.9

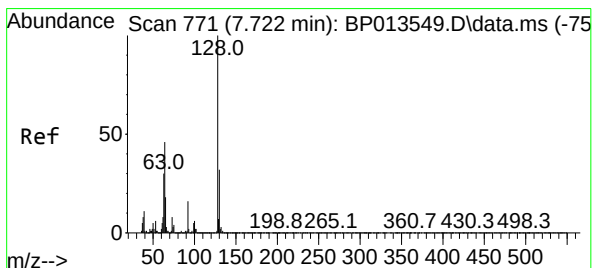
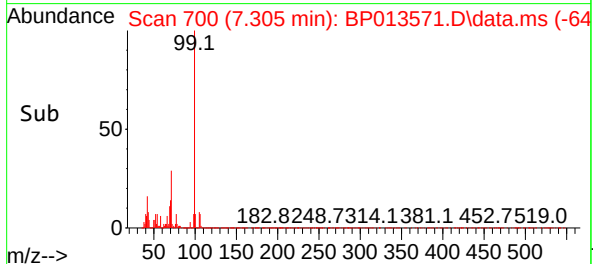
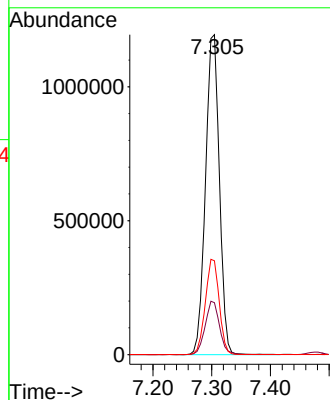
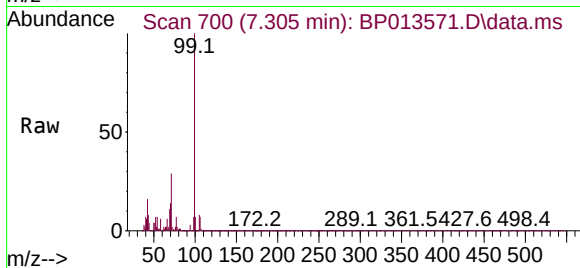




#7
Phenol-d6
Concen: 81.309 ng
RT: 7.305 min Scan# 700
Delta R.T. 0.006 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

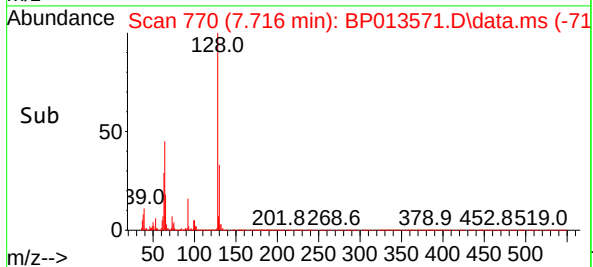
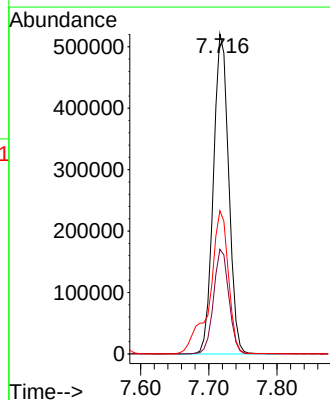
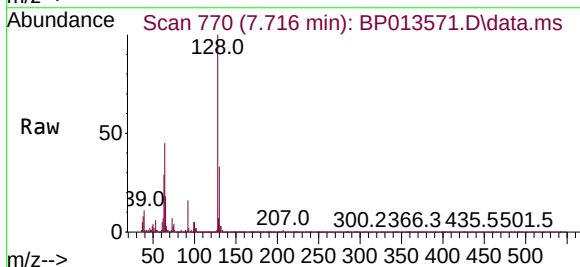
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

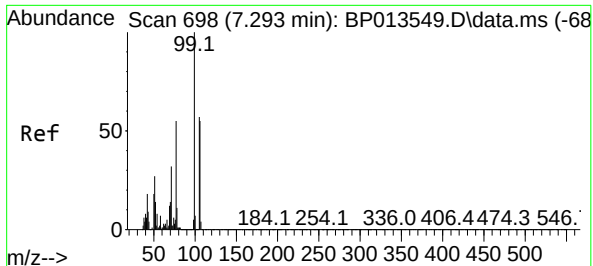
Tgt Ion: 99 Resp: 1958985
Ion Ratio Lower Upper
99 100
42 16.2 14.0 21.0
71 29.3 24.7 37.1



#8
2-Chlorophenol
Concen: 41.073 ng
RT: 7.716 min Scan# 770
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

Tgt Ion: 128 Resp: 811337
Ion Ratio Lower Upper
128 100
130 32.7 12.4 52.4
64 44.7 26.2 66.2

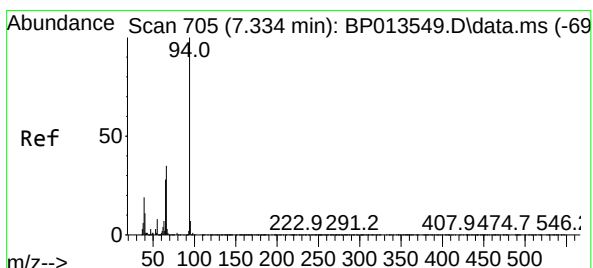
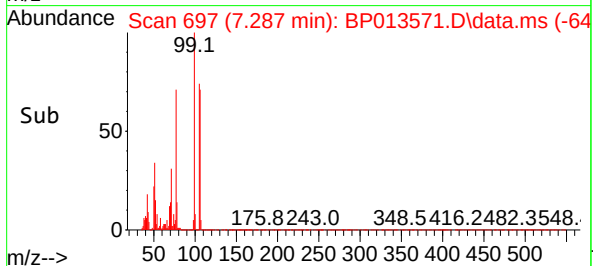
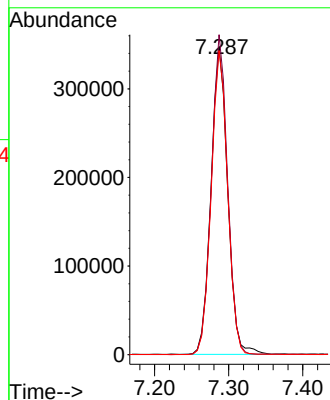
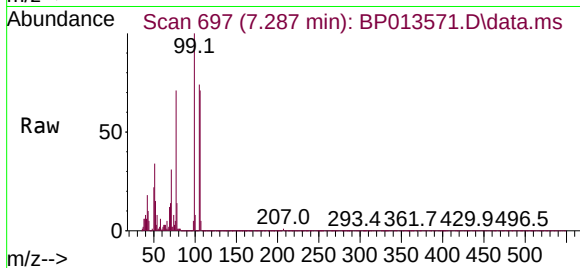




#9
Benzaldehyde
Concen: 35.691 ng
RT: 7.287 min Scan# 69
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

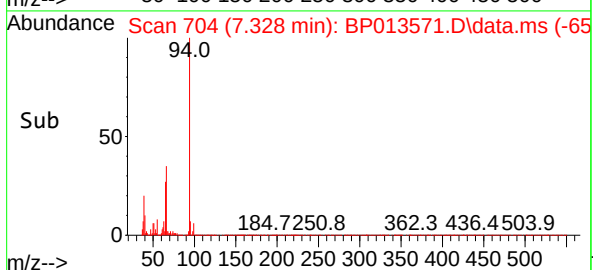
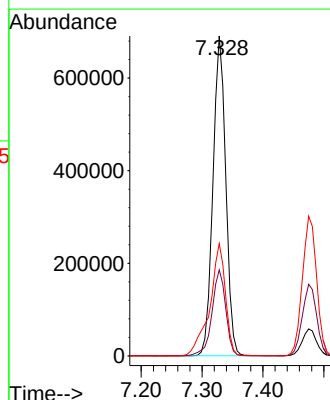
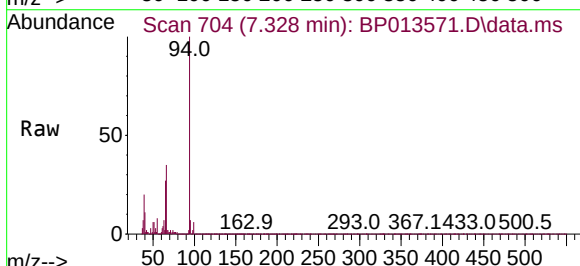
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

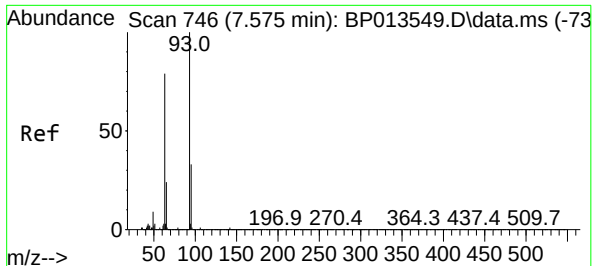
Tgt Ion: 77 Resp: 544547
Ion Ratio Lower Upper
77 100
105 103.9 82.6 122.6
106 98.8 78.9 118.9



#10
Phenol
Concen: 40.565 ng
RT: 7.328 min Scan# 704
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

Tgt Ion: 94 Resp: 1012575
Ion Ratio Lower Upper
94 100
65 26.9 7.8 47.8
66 35.1 15.5 55.5





#11

bis(2-Chloroethyl)ether

Concen: 39.929 ng

RT: 7.575 min Scan# 746

Delta R.T. -0.000 min

Lab File: BP013571.D

Acq: 24 Jan 2023 15:13

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

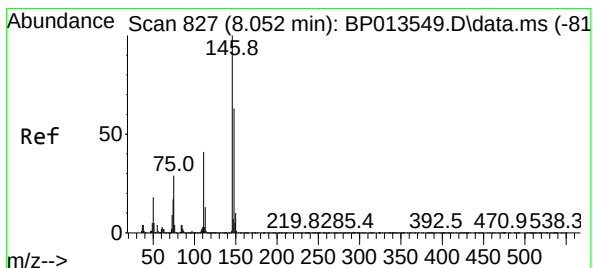
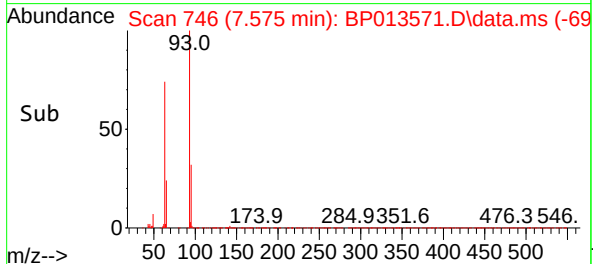
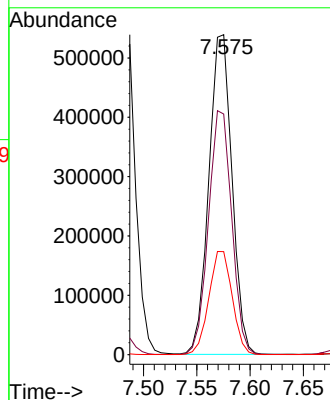
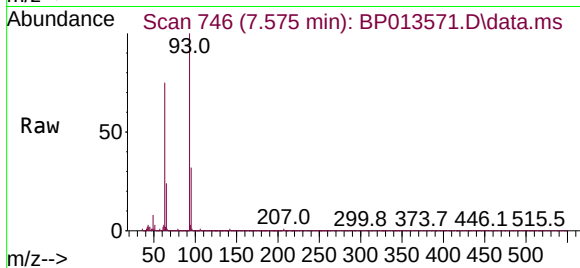
Tgt Ion: 93 Resp: 814987

Ion Ratio Lower Upper

93 100

63 75.2 58.7 98.7

95 32.2 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 38.961 ng

RT: 8.052 min Scan# 827

Delta R.T. -0.000 min

Lab File: BP013571.D

Acq: 24 Jan 2023 15:13

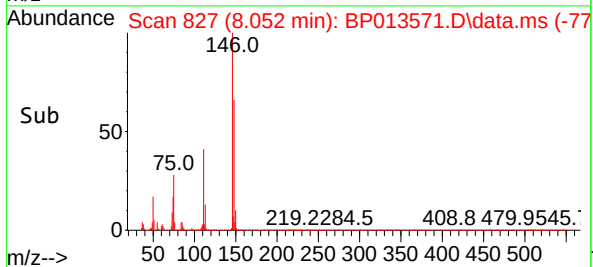
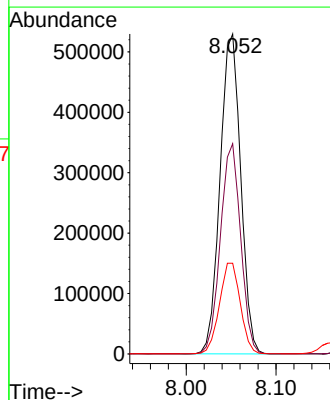
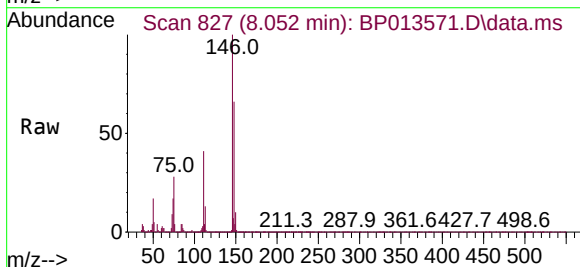
Tgt Ion: 146 Resp: 851100

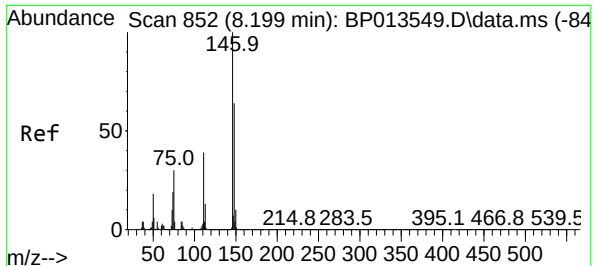
Ion Ratio Lower Upper

146 100

148 65.7 50.7 76.1

75 28.3 23.4 35.2





#13

1,4-Dichlorobenzene

Concen: 39.114 ng

RT: 8.199 min Scan# 852

Delta R.T. -0.000 min

Lab File: BP013571.D

Acq: 24 Jan 2023 15:13

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

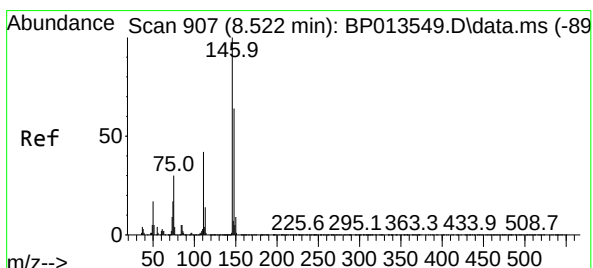
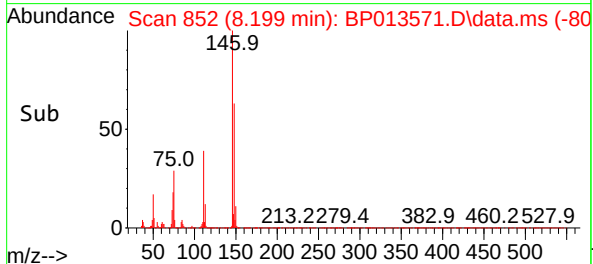
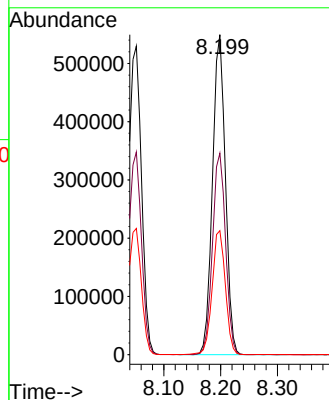
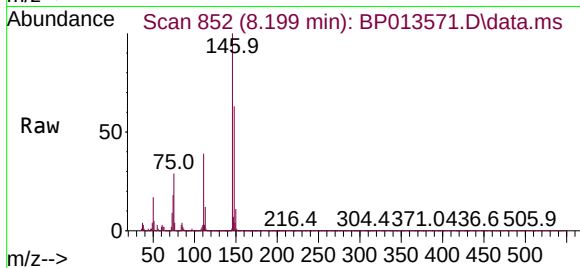
Tgt Ion:146 Resp: 866381

Ion Ratio Lower Upper

146 100

148 62.9 51.4 77.0

111 38.7 31.4 47.2



#14

1,2-Dichlorobenzene

Concen: 39.097 ng

RT: 8.522 min Scan# 907

Delta R.T. -0.000 min

Lab File: BP013571.D

Acq: 24 Jan 2023 15:13

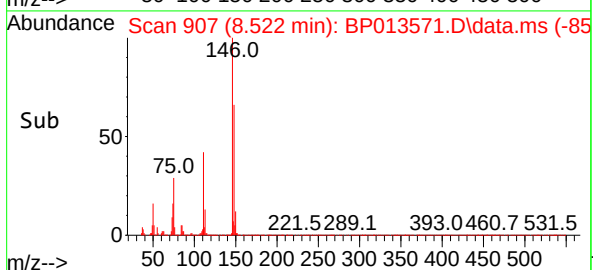
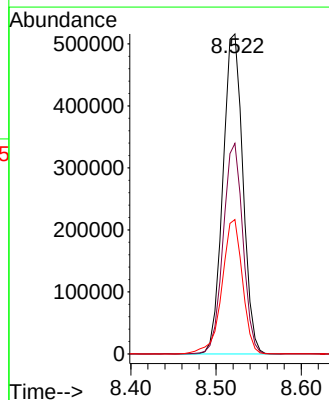
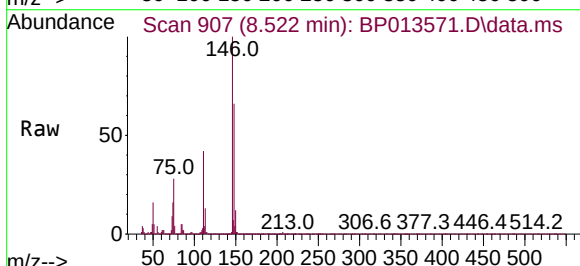
Tgt Ion:146 Resp: 838546

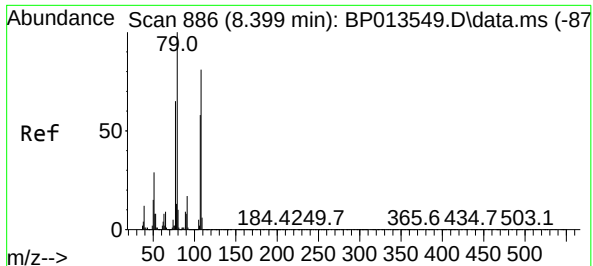
Ion Ratio Lower Upper

146 100

148 65.8 50.8 76.2

111 42.0 33.4 50.2





#15

Benzyl Alcohol

Concen: 41.352 ng

RT: 8.399 min Scan# 886

Delta R.T. -0.000 min

Lab File: BP013571.D

Acq: 24 Jan 2023 15:13

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

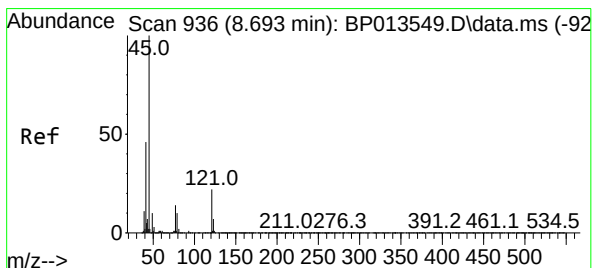
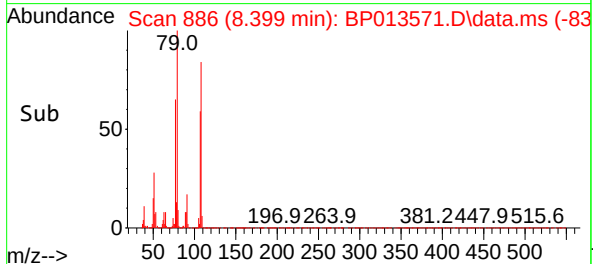
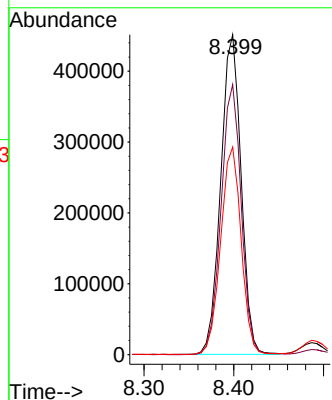
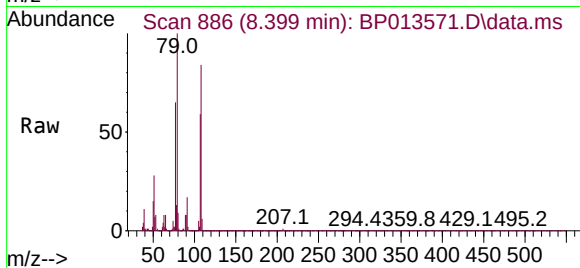
Tgt Ion: 79 Resp: 711826

Ion Ratio Lower Upper

79 100

108 84.4 65.2 97.8

77 64.9 52.3 78.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.385 ng

RT: 8.699 min Scan# 937

Delta R.T. 0.006 min

Lab File: BP013571.D

Acq: 24 Jan 2023 15:13

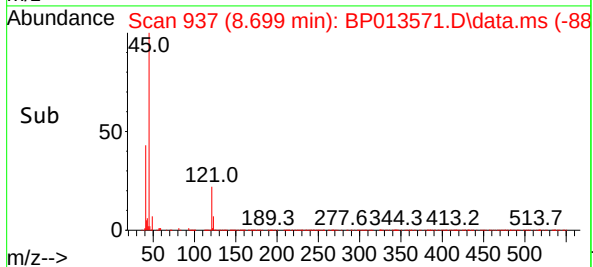
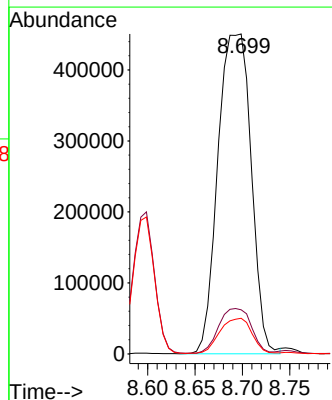
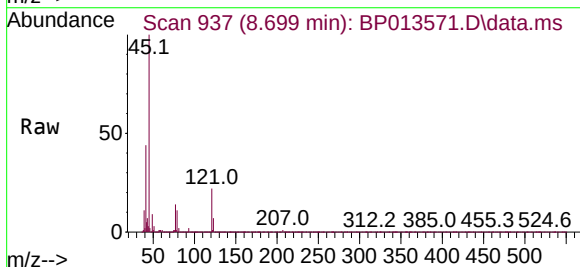
Tgt Ion: 45 Resp: 1100796

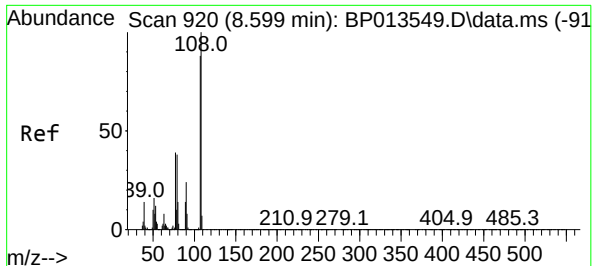
Ion Ratio Lower Upper

45 100

77 13.8 0.0 34.2

79 11.1 0.0 30.4





#17

2-Methylphenol

Concen: 40.871 ng

RT: 8.599 min Scan# 91

Delta R.T. -0.000 min

Lab File: BP013571.D

Acq: 24 Jan 2023 15:13

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 740935

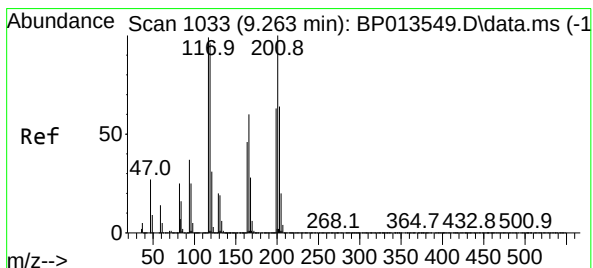
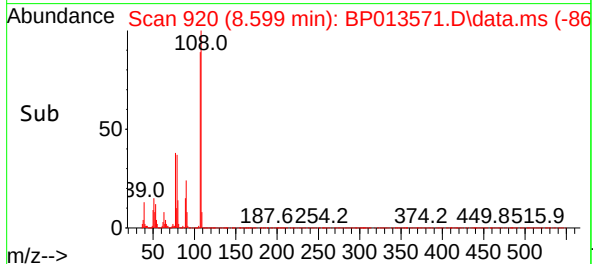
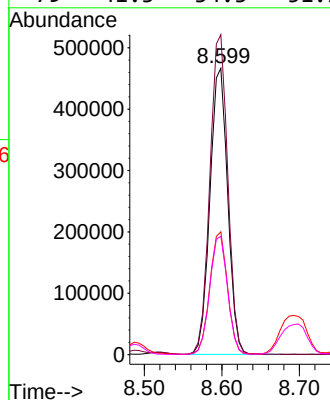
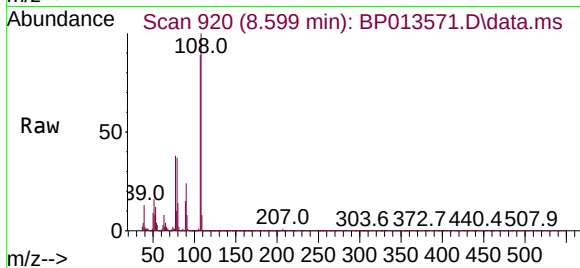
Ion Ratio Lower Upper

107 100

108 111.8 90.5 135.7

77 42.9 35.4 53.2

79 41.3 34.3 51.5



#18

Hexachloroethane

Concen: 40.653 ng

RT: 9.257 min Scan# 1032

Delta R.T. -0.000 min

Lab File: BP013571.D

Acq: 24 Jan 2023 15:13

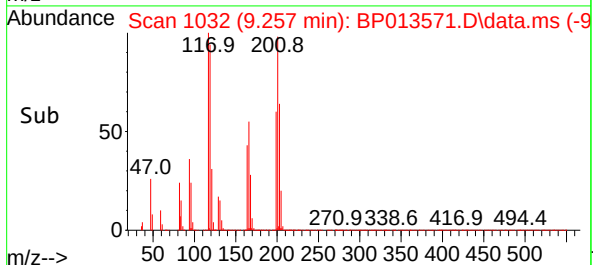
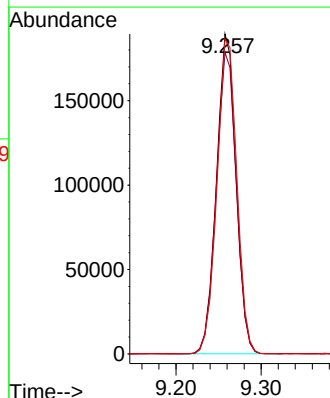
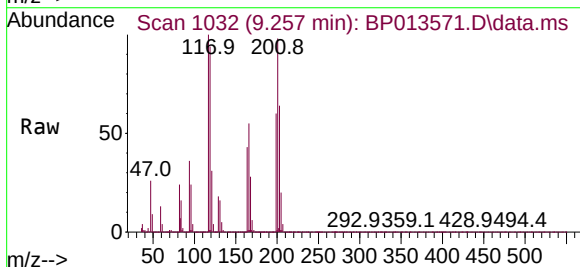
Tgt Ion:117 Resp: 300986

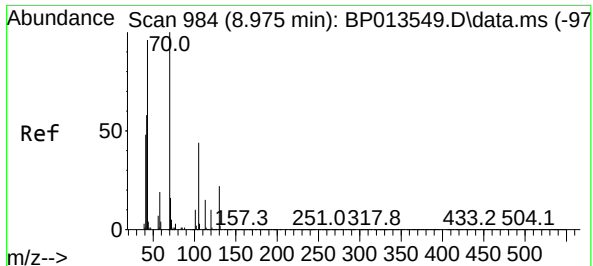
Ion Ratio Lower Upper

117 100

119 94.2 77.0 115.6

201 98.4 80.6 120.8





#19

n-Nitroso-di-n-propylamine

Concen: 42.005 ng

RT: 8.975 min Scan# 984

Delta R.T. -0.000 min

Lab File: BP013571.D

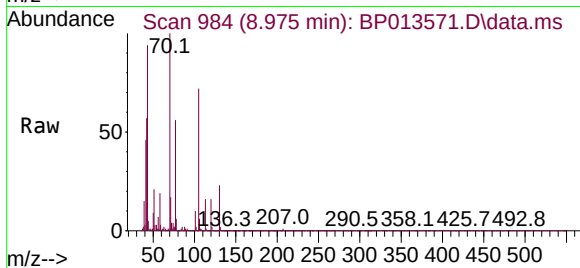
Acq: 24 Jan 2023 15:13

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 651844

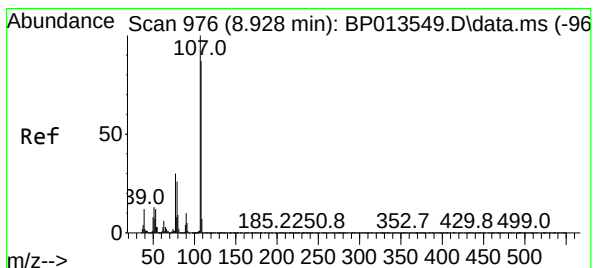
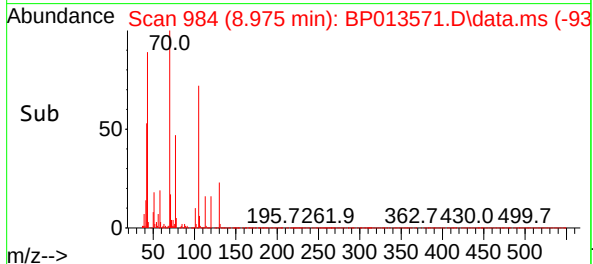
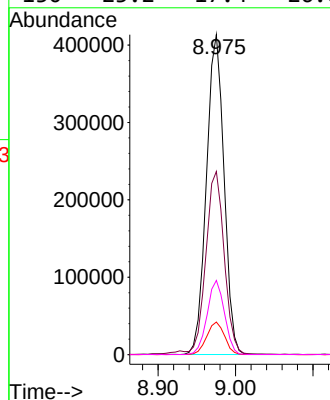
Ion Ratio Lower Upper

70 100

42 57.2 47.2 70.8

101 10.2 8.0 12.0

130 23.2 17.4 26.0



#20

3+4-Methylphenols

Concen: 42.571 ng

RT: 8.928 min Scan# 976

Delta R.T. -0.000 min

Lab File: BP013571.D

Acq: 24 Jan 2023 15:13

Tgt Ion: 107 Resp: 1015829

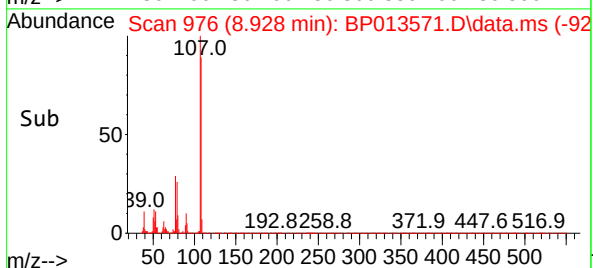
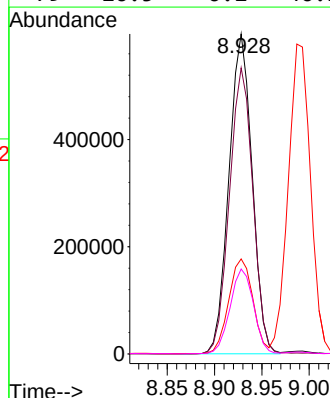
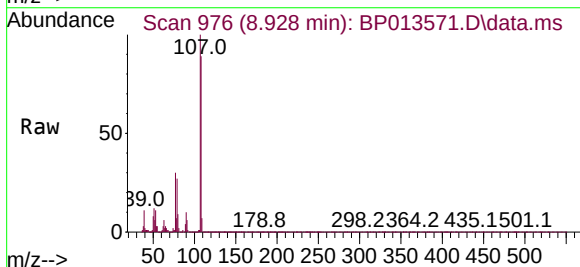
Ion Ratio Lower Upper

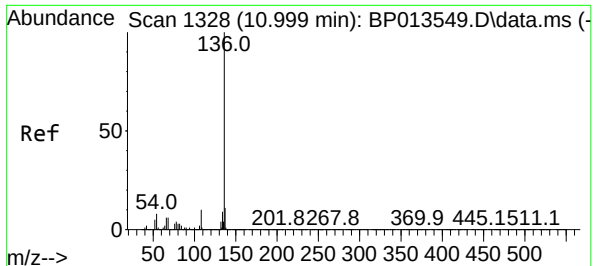
107 100

108 89.4 67.5 107.5

77 29.7 10.5 50.5

79 26.5 6.2 46.2

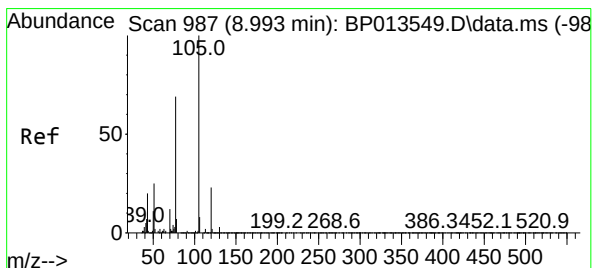
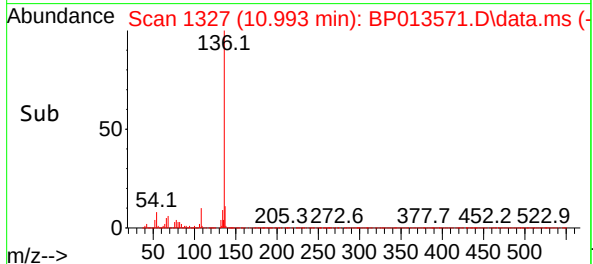
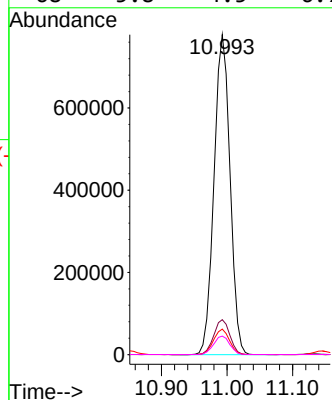
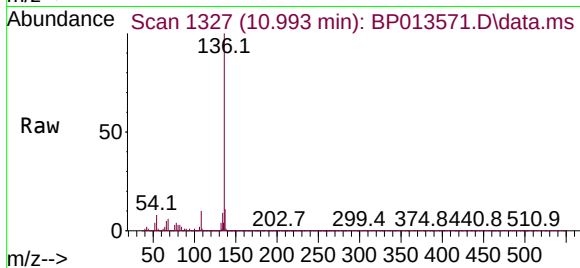




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.993 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

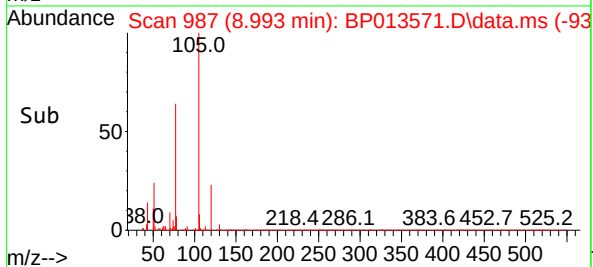
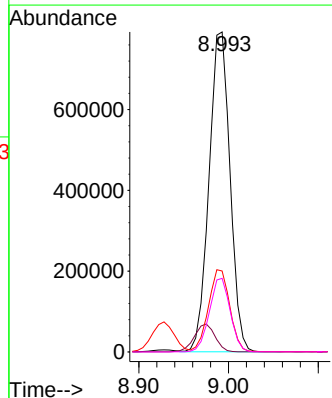
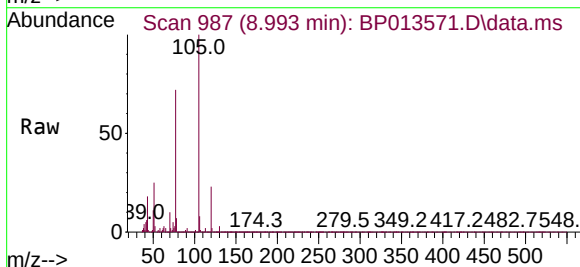
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

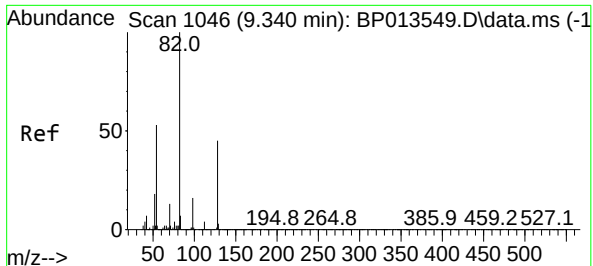
Tgt Ion:136 Resp: 1319960
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.0 6.6 9.8
68 5.8 4.5 6.7



#22
Acetophenone
Concen: 38.180 ng
RT: 8.993 min Scan# 987
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

Tgt Ion:105 Resp: 1292838
Ion Ratio Lower Upper
105 100
71 1.5 1.8 2.8#
51 25.3 21.1 31.7
120 23.0 18.2 27.2





#23

Nitrobenzene-d5

Concen: 87.889 ng

RT: 9.334 min Scan# 1045

Delta R.T. -0.000 min

Lab File: BP013571.D

Acq: 24 Jan 2023 15:13

Instrument :

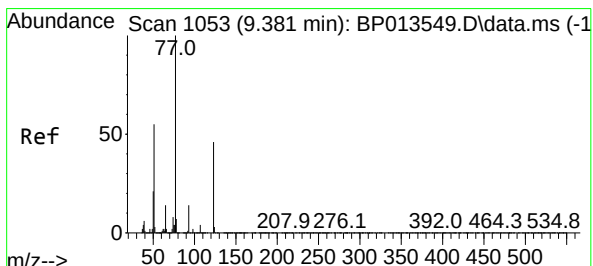
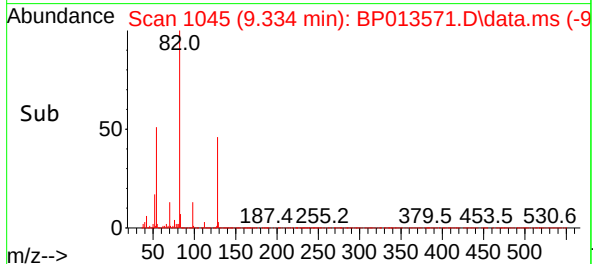
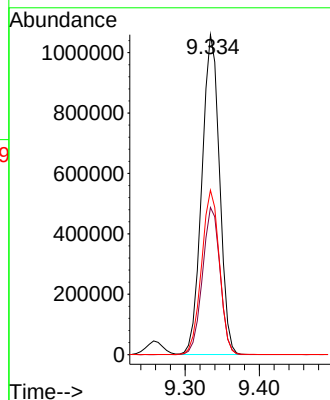
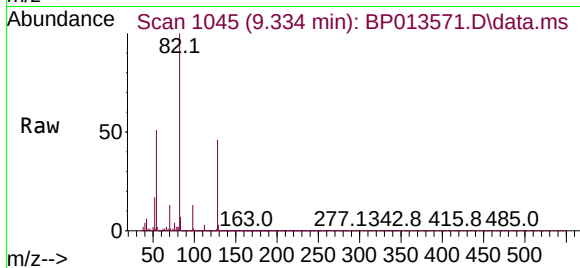
BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1757278

Ion	Ratio	Lower	Upper
82	100		
128	46.0	35.8	53.6
54	51.4	42.6	64.0



#24

Nitrobenzene

Concen: 42.241 ng

RT: 9.375 min Scan# 1052

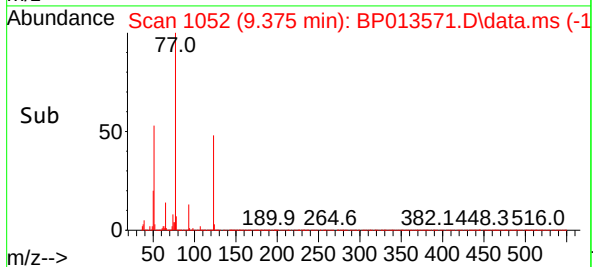
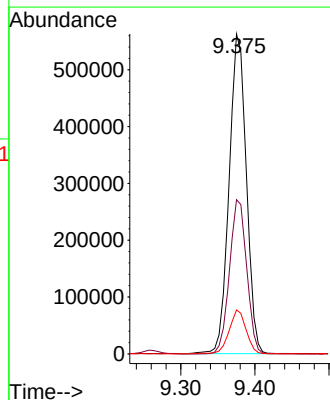
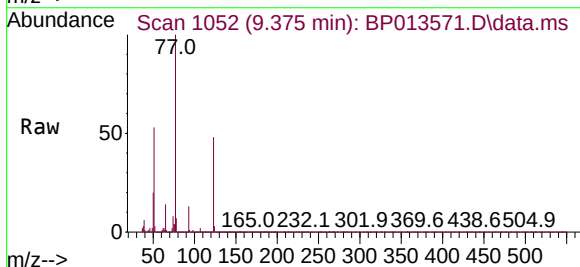
Delta R.T. -0.000 min

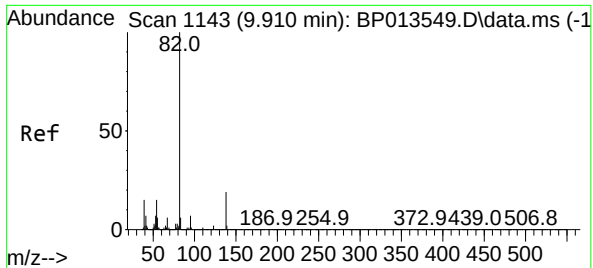
Lab File: BP013571.D

Acq: 24 Jan 2023 15:13

Tgt Ion: 77 Resp: 908102

Ion	Ratio	Lower	Upper
77	100		
123	48.2	37.2	55.8
65	13.7	11.1	16.7

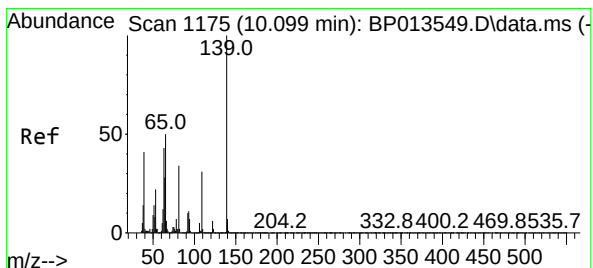
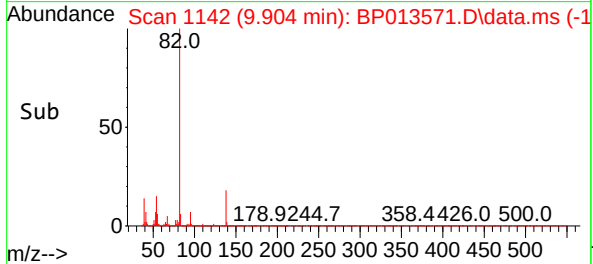
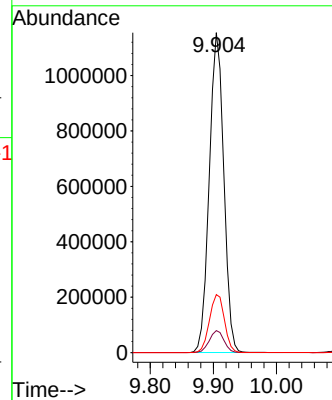
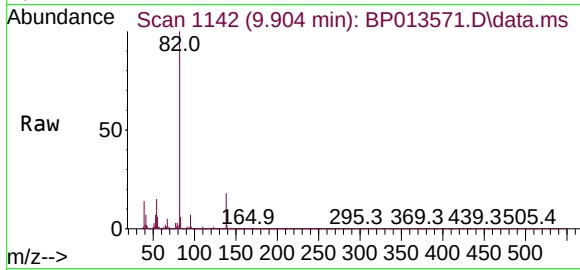




#25
Isophorone
Concen: 38.819 ng
RT: 9.904 min Scan# 1143
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

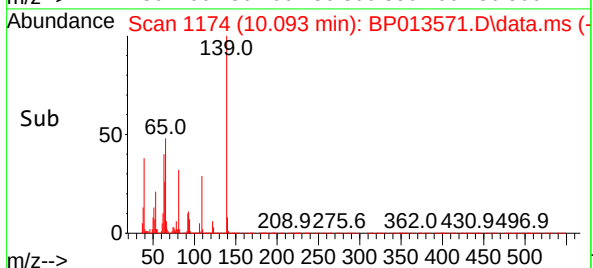
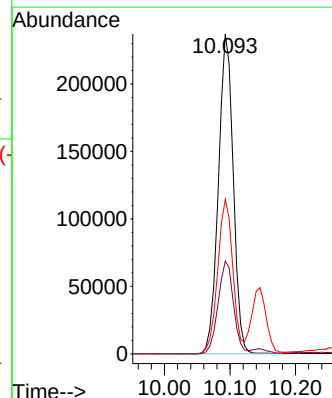
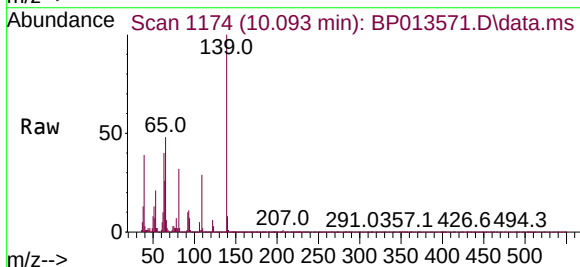
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

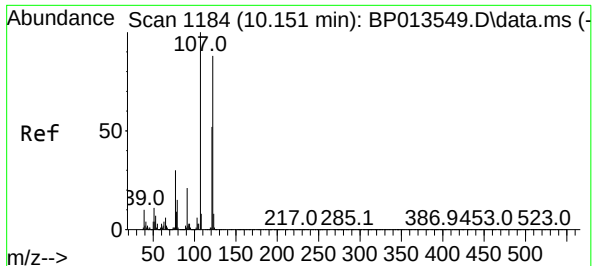
Tgt Ion: 82 Resp: 1841008
Ion Ratio Lower Upper
82 100
95 6.9 5.8 8.8
138 18.1 15.1 22.7



#26
2-Nitrophenol
Concen: 48.199 ng
RT: 10.093 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

Tgt Ion: 139 Resp: 374036
Ion Ratio Lower Upper
139 100
109 29.0 25.1 37.7
65 48.2 40.1 60.1

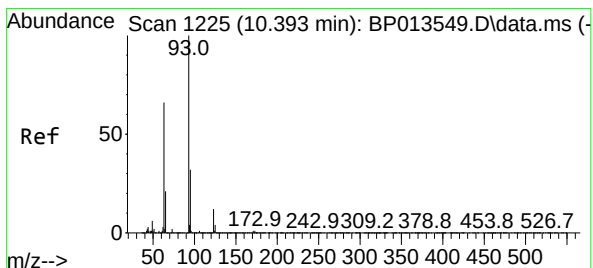
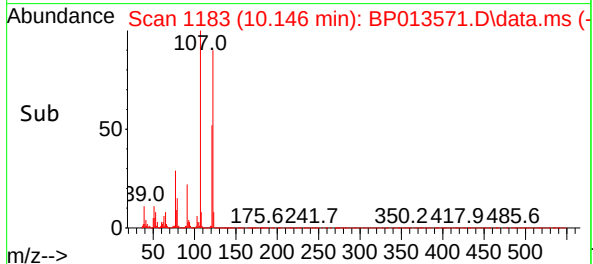
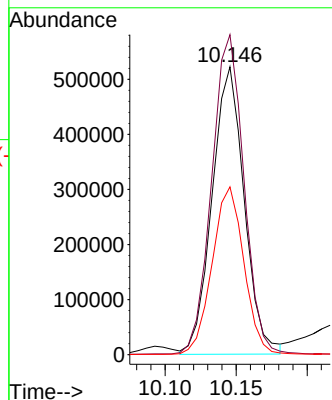
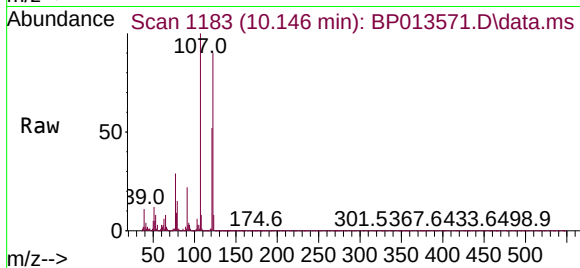




#27
2,4-Dimethylphenol
Concen: 40.144 ng
RT: 10.146 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

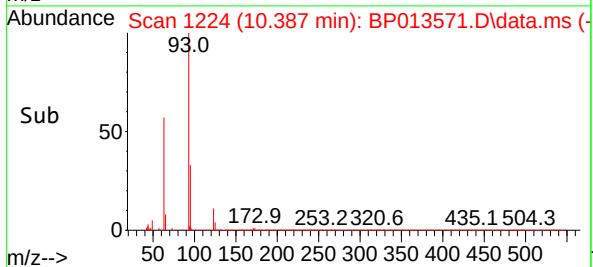
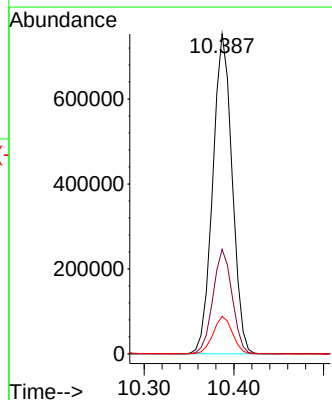
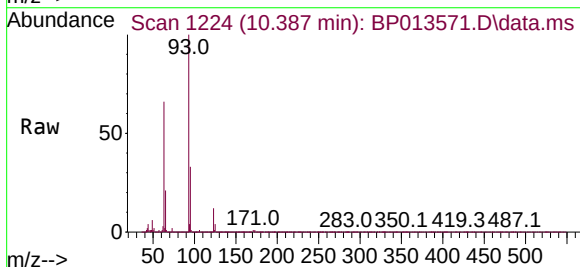
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

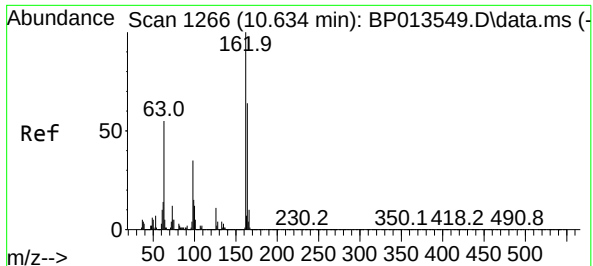
Tgt Ion:122 Resp: 821831
Ion Ratio Lower Upper
122 100
107 111.2 90.7 136.1
121 58.3 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 39.512 ng
RT: 10.387 min Scan# 1224
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

Tgt Ion: 93 Resp: 1129229
Ion Ratio Lower Upper
93 100
95 32.7 25.8 38.8
123 11.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 41.944 ng

RT: 10.628 min Scan# 1265

Delta R.T. -0.000 min

Lab File: BP013571.D

Acq: 24 Jan 2023 15:13

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

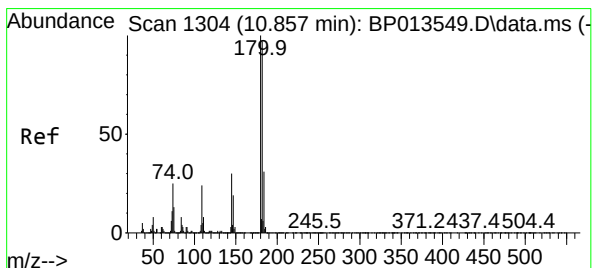
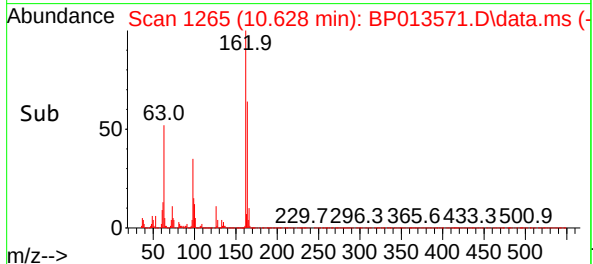
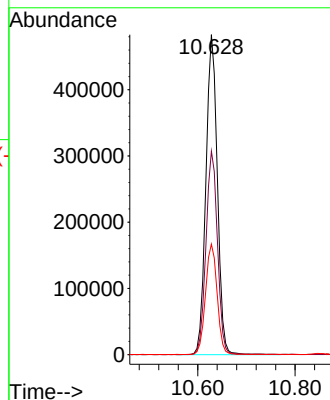
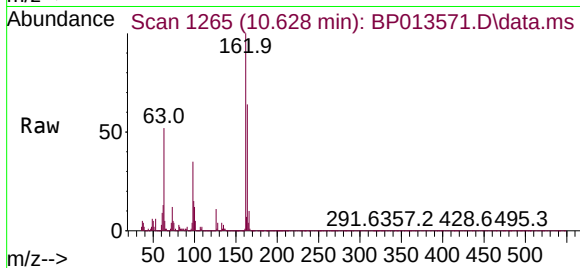
Tgt Ion:162 Resp: 789841

Ion Ratio Lower Upper

162 100

164 63.6 44.3 84.3

98 34.5 15.3 55.3



#30

1,2,4-Trichlorobenzene

Concen: 38.366 ng

RT: 10.851 min Scan# 1303

Delta R.T. -0.000 min

Lab File: BP013571.D

Acq: 24 Jan 2023 15:13

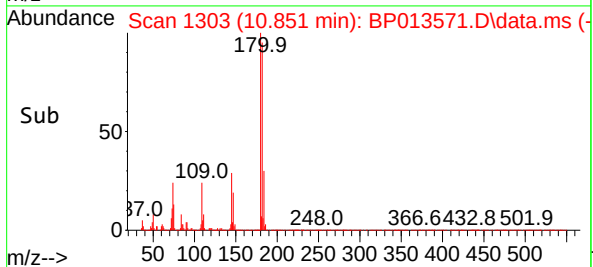
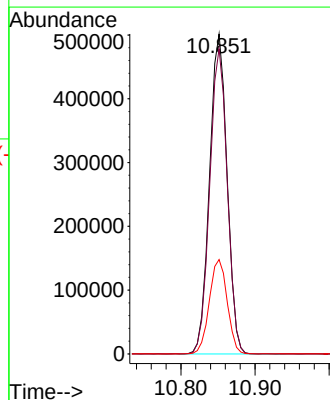
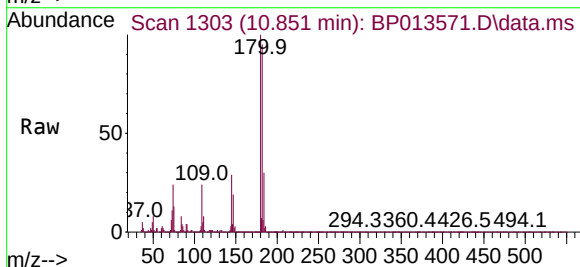
Tgt Ion:180 Resp: 824483

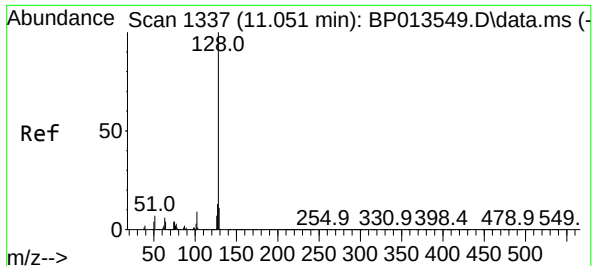
Ion Ratio Lower Upper

180 100

182 95.3 77.9 116.9

145 29.5 24.0 36.0

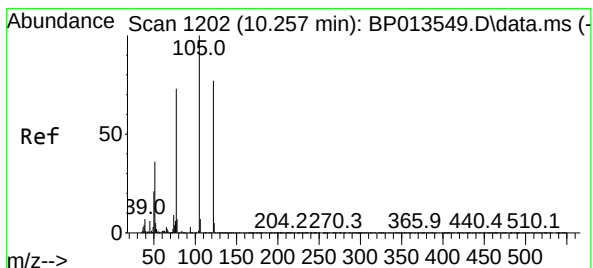
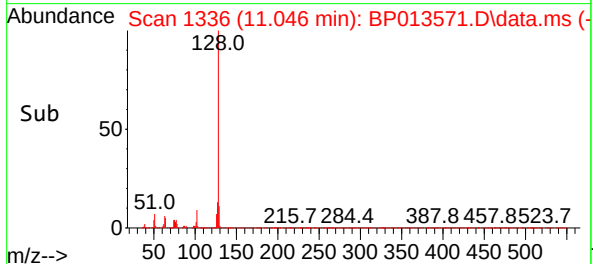
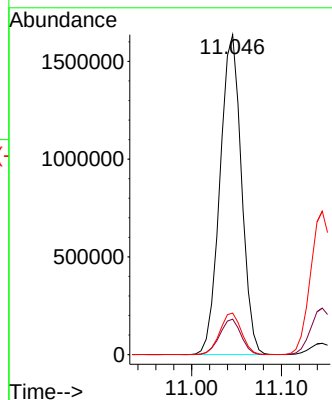
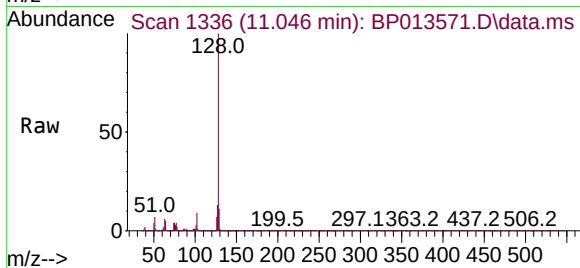




#31
Naphthalene
Concen: 38.438 ng
RT: 11.046 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

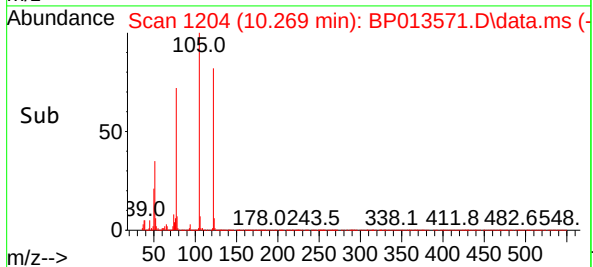
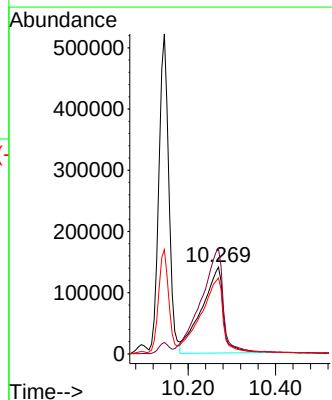
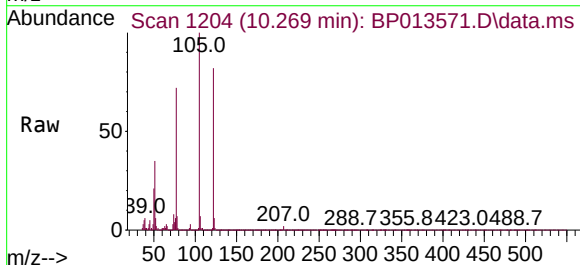
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

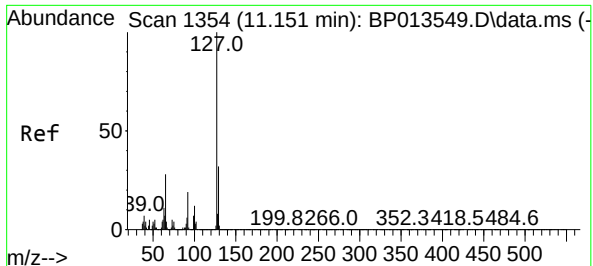
Tgt Ion:128 Resp: 2727667
Ion Ratio Lower Upper
128 100
129 11.1 8.5 12.7
127 13.0 10.6 16.0



#32
Benzoic acid
Concen: 49.345 ng
RT: 10.269 min Scan# 1204
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

Tgt Ion:122 Resp: 488696
Ion Ratio Lower Upper
122 100
105 121.5 100.5 140.5
77 87.6 70.9 110.9



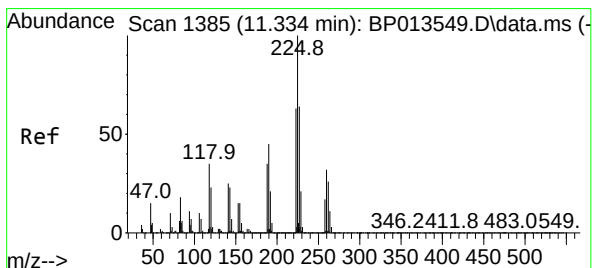
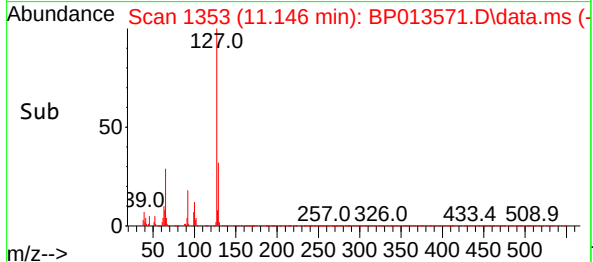
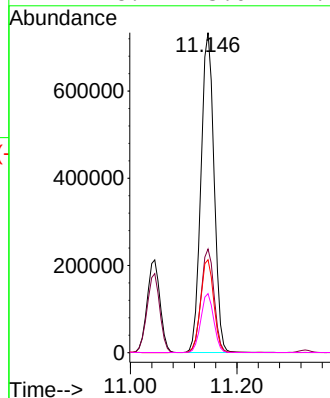
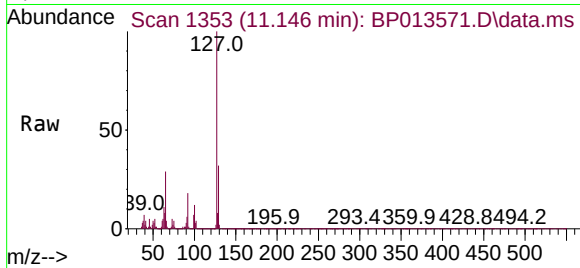


#33
4-Chloroaniline
Concen: 39.901 ng
RT: 11.146 min Scan# 1353
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 1252849

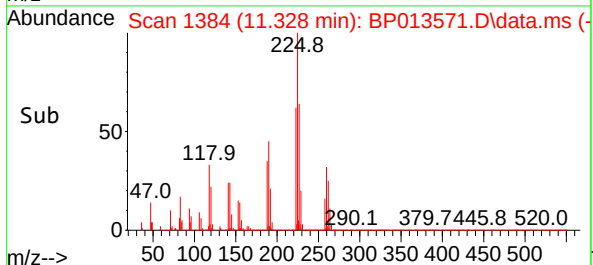
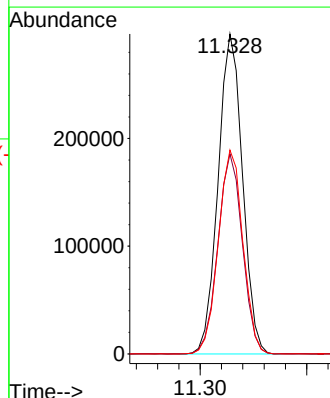
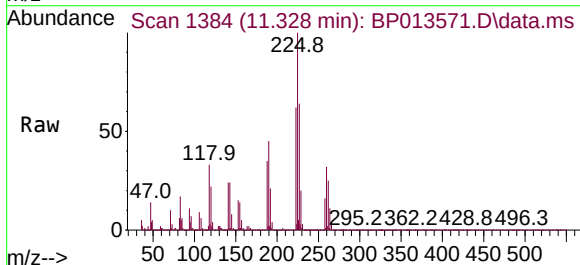
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.7	38.5
65	29.0	22.7	34.1
92	18.4	15.0	22.6

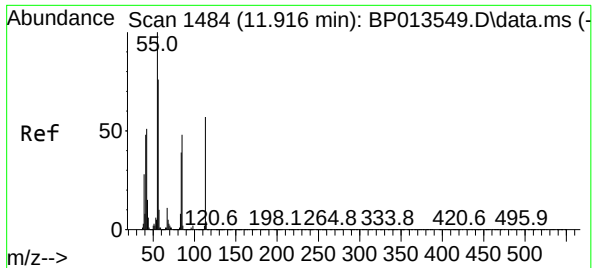


#34
Hexachlorobutadiene
Concen: 37.868 ng
RT: 11.328 min Scan# 1384
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

Tgt Ion:225 Resp: 473578

Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.2	75.2
227	63.7	51.4	77.2

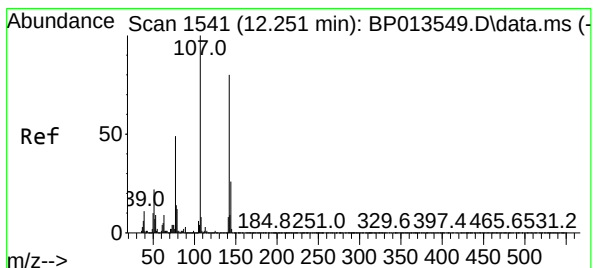
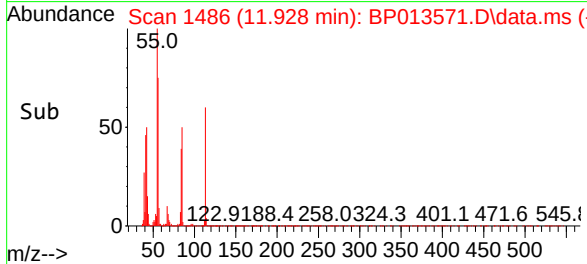
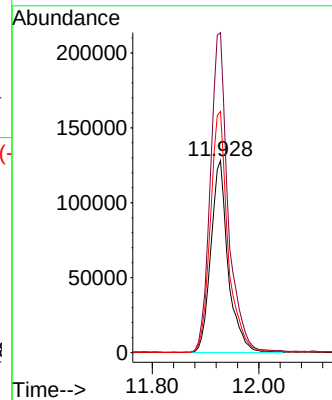
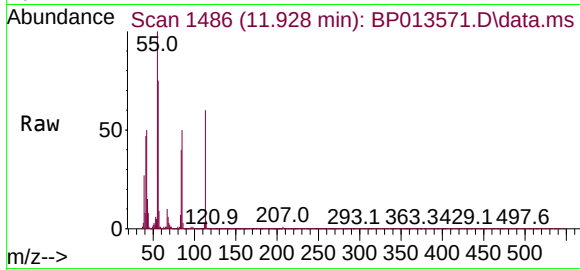




#35
Caprolactam
Concen: 47.340 ng
RT: 11.928 min Scan# 1486
Delta R.T. 0.006 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

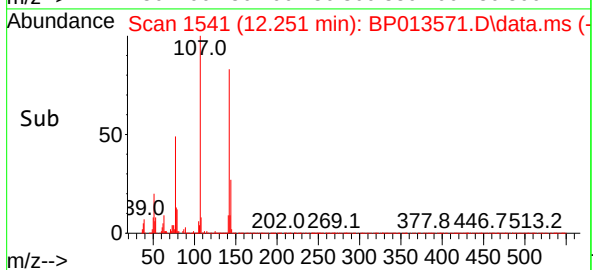
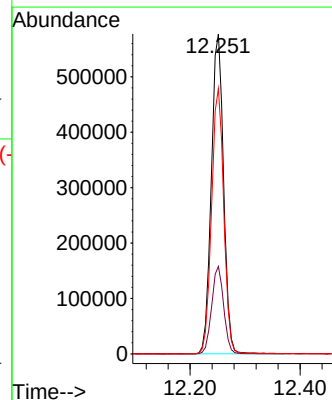
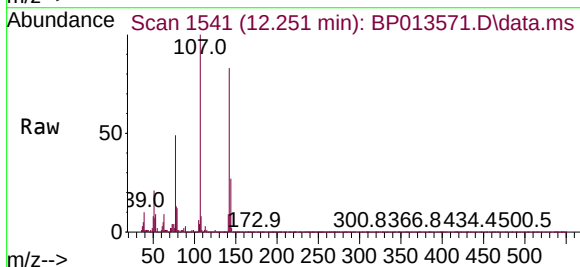
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

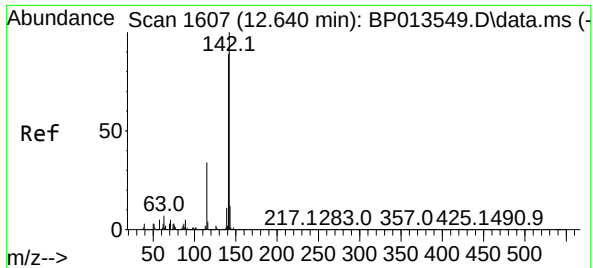
Tgt Ion:113 Resp: 289017
Ion Ratio Lower Upper
113 100
55 166.6 156.5 196.5
56 125.6 113.5 153.5



#36
4-Chloro-3-methylphenol
Concen: 43.614 ng
RT: 12.251 min Scan# 1541
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

Tgt Ion:107 Resp: 894439
Ion Ratio Lower Upper
107 100
144 27.3 21.1 31.7
142 82.9 64.0 96.0

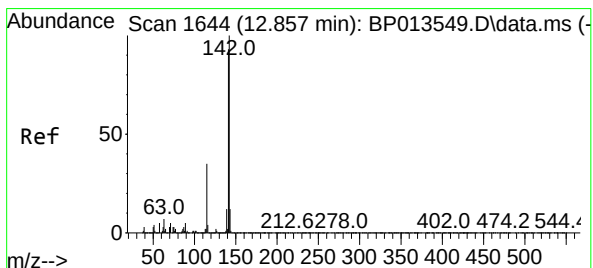
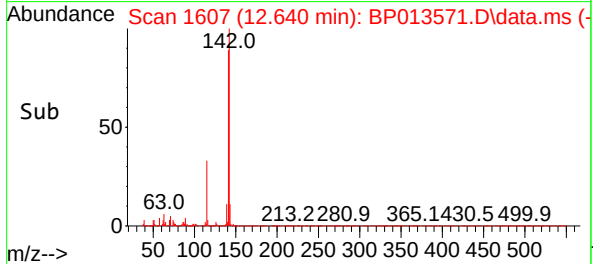
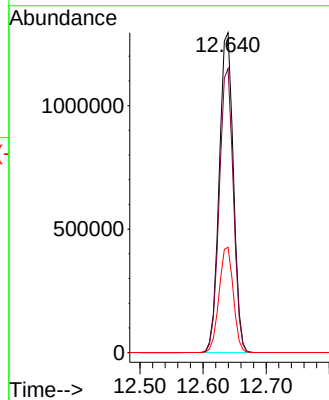
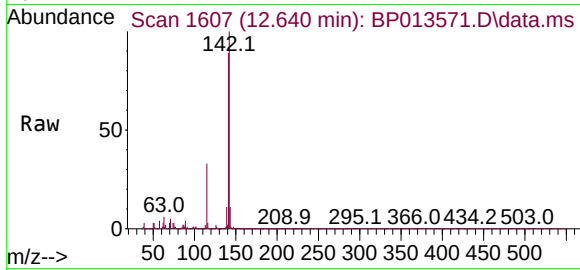




#37
2-Methylnaphthalene
Concen: 39.978 ng
RT: 12.640 min Scan# 1607
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

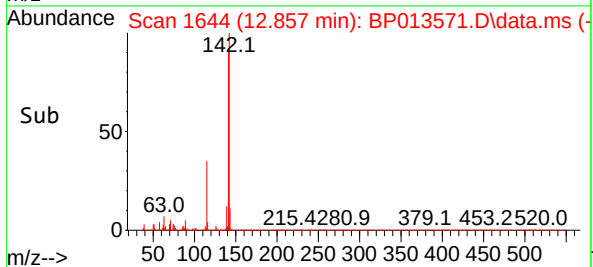
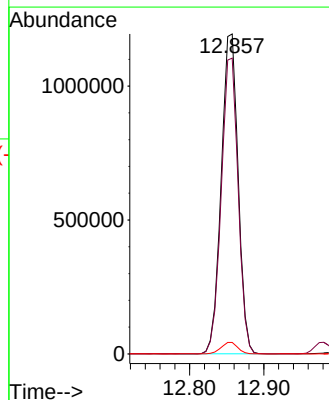
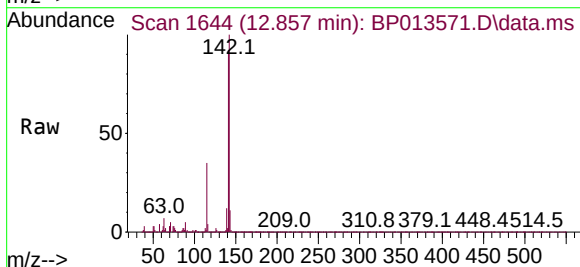
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

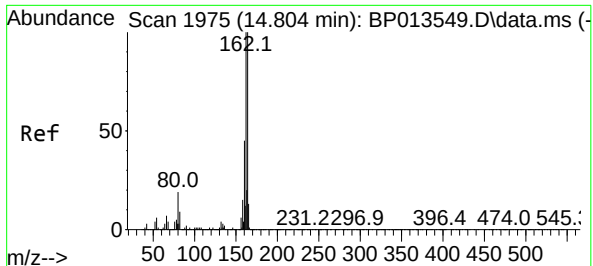
Tgt Ion:142 Resp: 2016496
Ion Ratio Lower Upper
142 100
141 88.8 71.4 107.2
115 32.9 27.4 41.2



#38
1-Methylnaphthalene
Concen: 39.906 ng
RT: 12.857 min Scan# 1644
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

Tgt Ion:142 Resp: 1891404
Ion Ratio Lower Upper
142 100
141 92.4 74.3 111.5
116 3.6 3.0 4.6

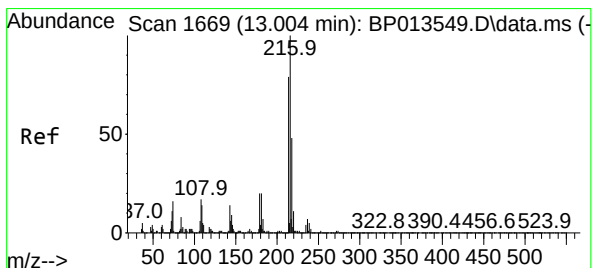
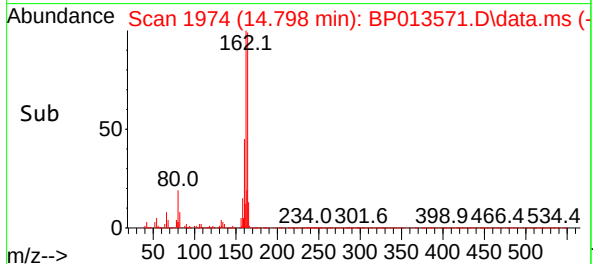
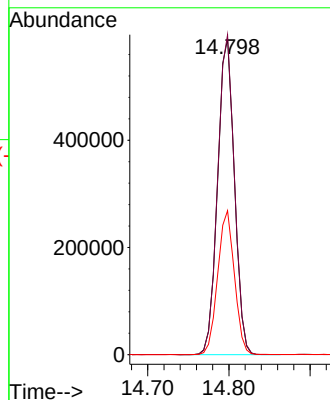
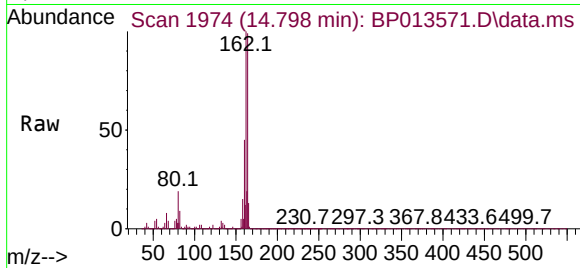




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.798 min Scan# 1974
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

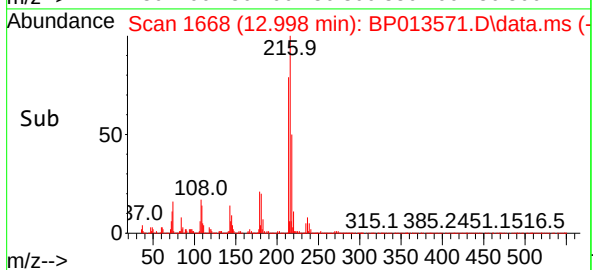
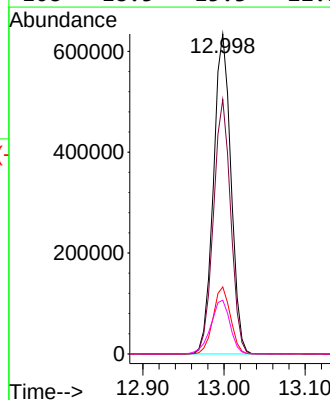
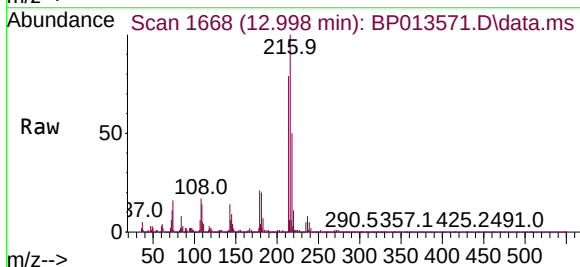
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

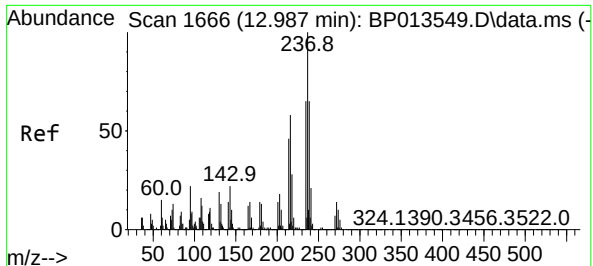
Tgt Ion:164 Resp: 845480
Ion Ratio Lower Upper
164 100
162 101.4 80.1 120.1
160 45.6 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.444 ng
RT: 12.998 min Scan# 1668
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

Tgt Ion:216 Resp: 948623
Ion Ratio Lower Upper
216 100
214 78.3 62.9 94.3
179 20.8 16.6 24.8
108 18.5 15.3 22.9

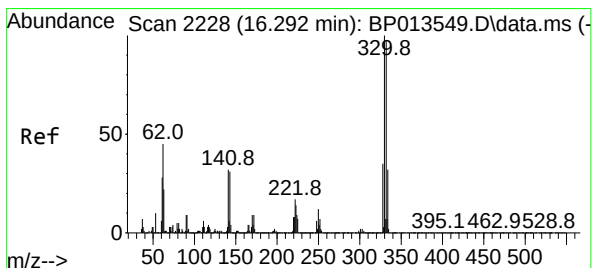
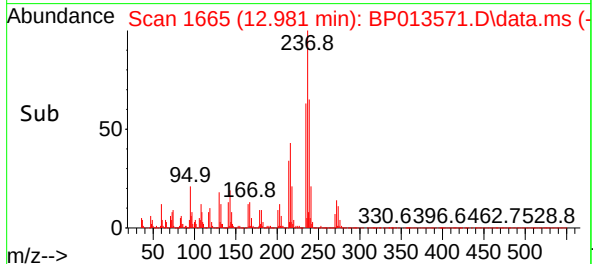
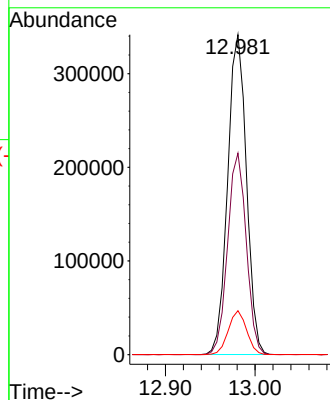
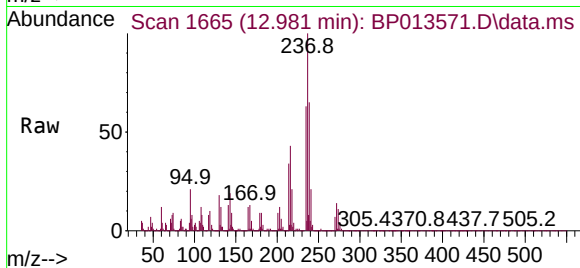




#41
Hexachlorocyclopentadiene
Concen: 38.629 ng
RT: 12.981 min Scan# 1665
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

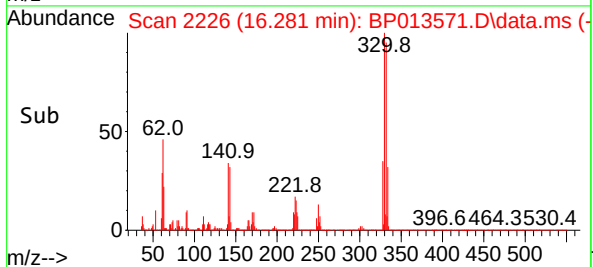
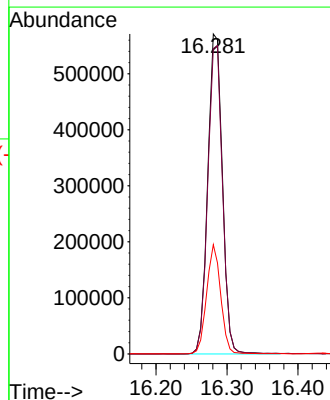
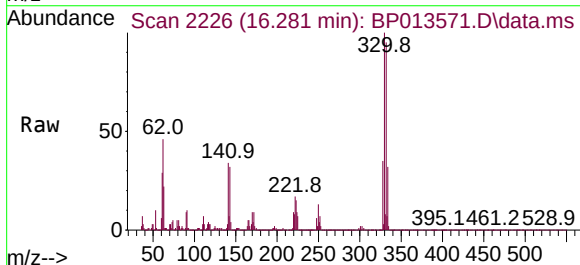
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

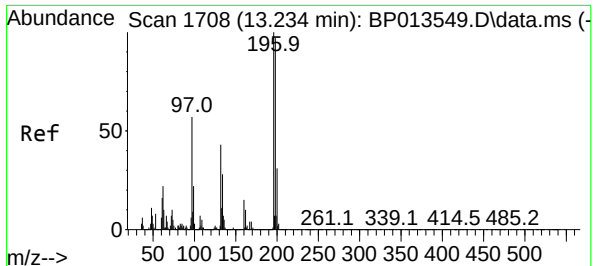
Tgt Ion:237 Resp: 498883
Ion Ratio Lower Upper
237 100
235 62.9 44.6 84.6
272 13.7 0.0 33.9



#42
2,4,6-Tribromophenol
Concen: 95.975 ng
RT: 16.281 min Scan# 2226
Delta R.T. -0.006 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

Tgt Ion:330 Resp: 813922
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.2
141 32.7 27.6 41.4





#43

2,4,6-Trichlorophenol

Concen: 42.355 ng

RT: 13.228 min Scan# 1710

Delta R.T. -0.006 min

Lab File: BP013571.D

Acq: 24 Jan 2023 15:13

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

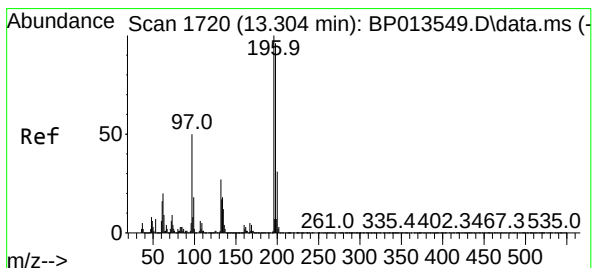
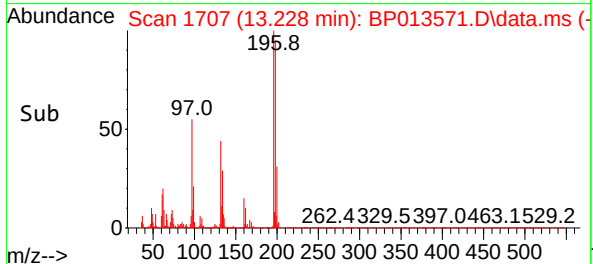
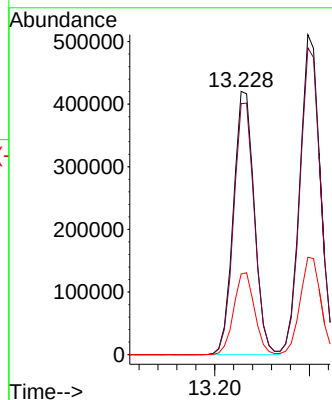
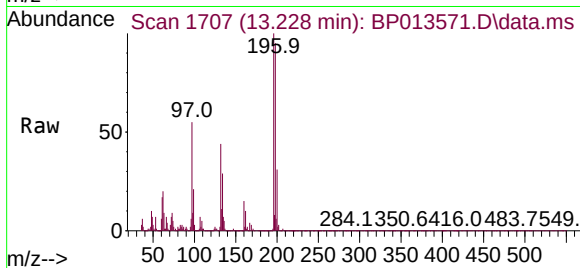
Tgt Ion:196 Resp: 645258

Ion Ratio Lower Upper

196 100

198 95.3 77.3 115.9

200 30.6 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 42.530 ng

RT: 13.298 min Scan# 1719

Delta R.T. -0.000 min

Lab File: BP013571.D

Acq: 24 Jan 2023 15:13

Tgt Ion:196 Resp: 765637

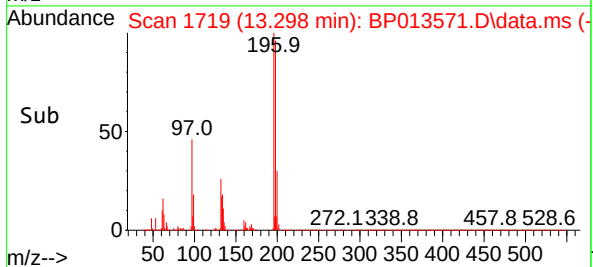
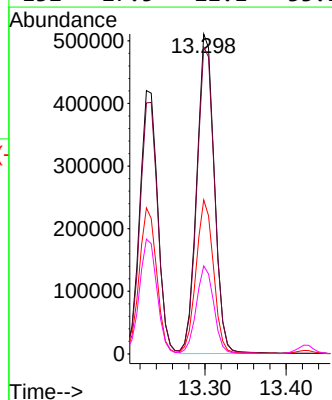
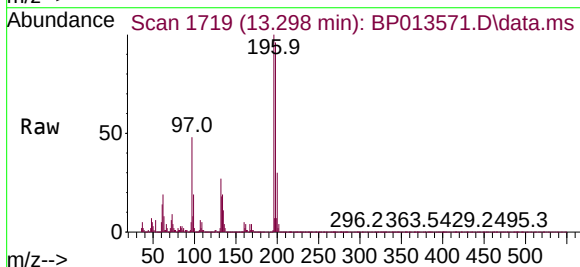
Ion Ratio Lower Upper

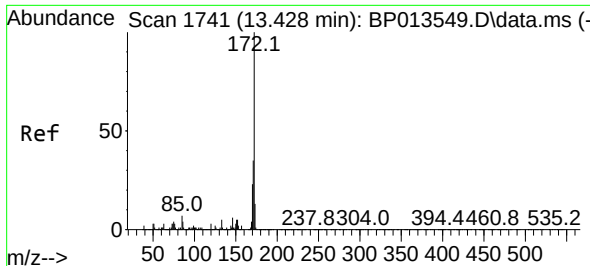
196 100

198 95.9 76.7 115.1

97 48.1 40.0 60.0

132 27.5 22.1 33.1

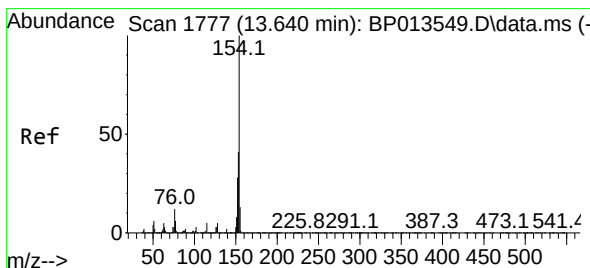
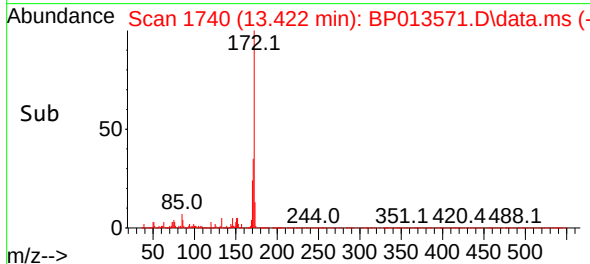
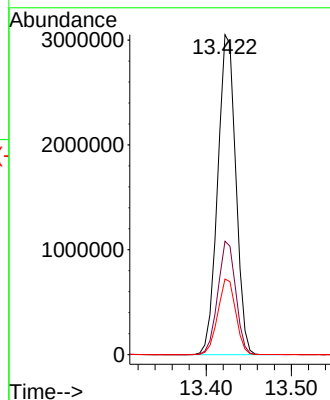
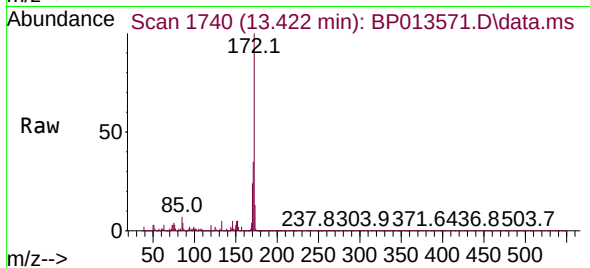




#45
2-Fluorobiphenyl
Concen: 73.084 ng
RT: 13.422 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

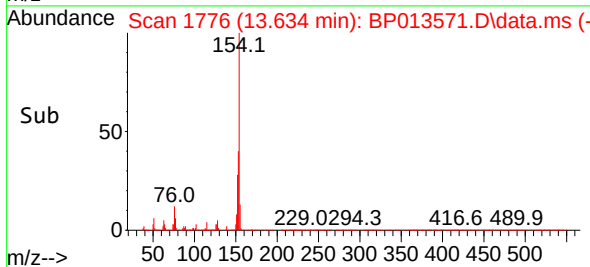
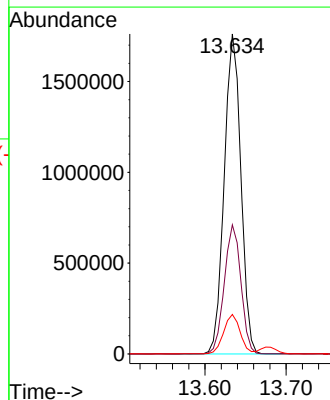
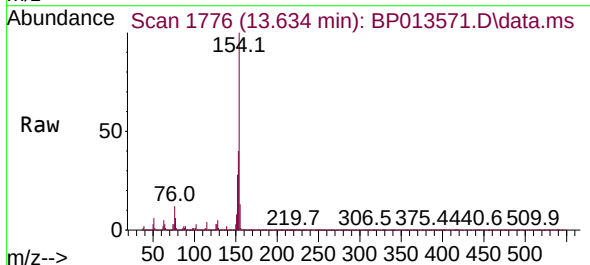
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

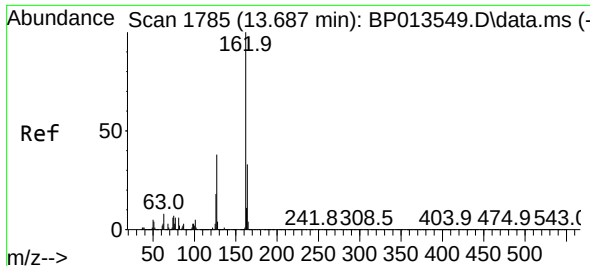
Tgt Ion:172 Resp: 4501608
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.8
170 23.6 18.6 27.8



#46
1,1'-Biphenyl
Concen: 36.857 ng
RT: 13.634 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

Tgt Ion:154 Resp: 2502661
Ion Ratio Lower Upper
154 100
153 40.3 20.5 60.5
76 12.3 0.0 32.1

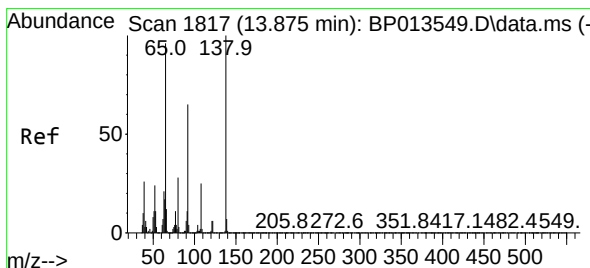
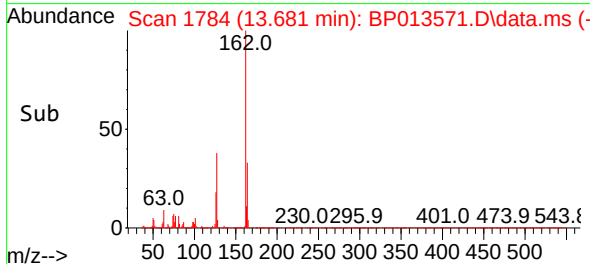
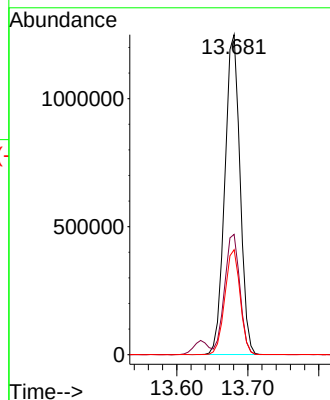
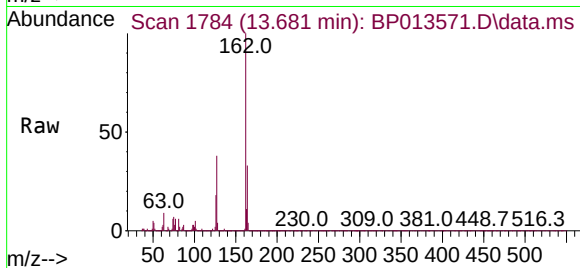




#47
2-Chloronaphthalene
Concen: 36.698 ng
RT: 13.681 min Scan# 1784
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

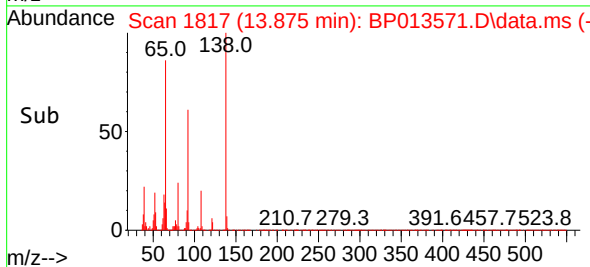
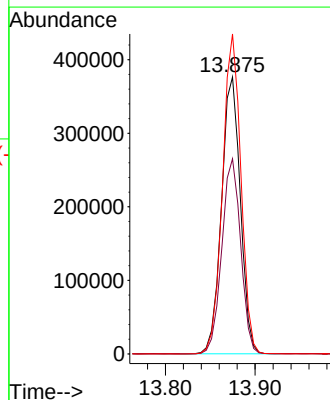
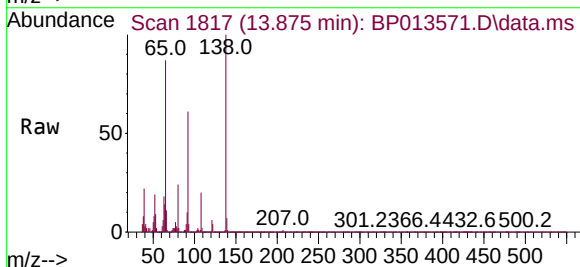
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

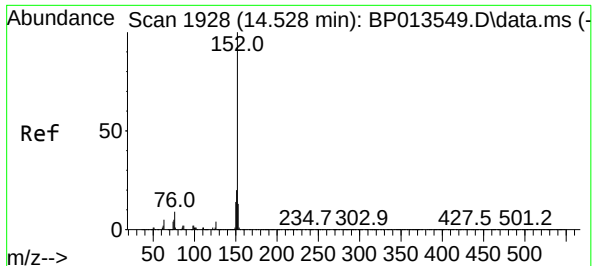
Tgt Ion:162 Resp: 1866810
Ion Ratio Lower Upper
162 100
127 37.6 30.8 46.2
164 32.8 26.2 39.2



#48
2-Nitroaniline
Concen: 43.909 ng
RT: 13.875 min Scan# 1817
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

Tgt Ion: 65 Resp: 550826
Ion Ratio Lower Upper
65 100
92 70.4 54.1 81.1
138 115.6 83.6 125.4





#49

Acenaphthylene

Concen: 38.102 ng

RT: 14.522 min Scan# 1928

Delta R.T. -0.000 min

Lab File: BP013571.D

Acq: 24 Jan 2023 15:13

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

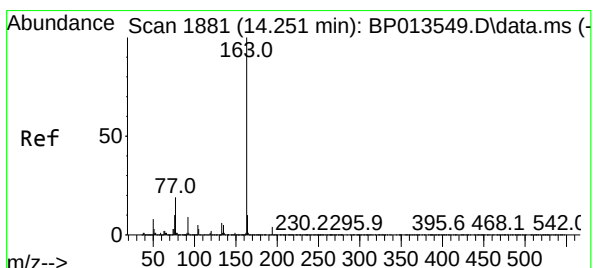
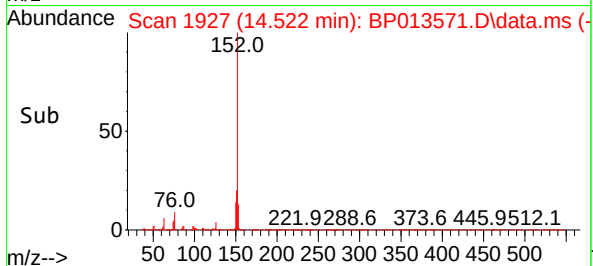
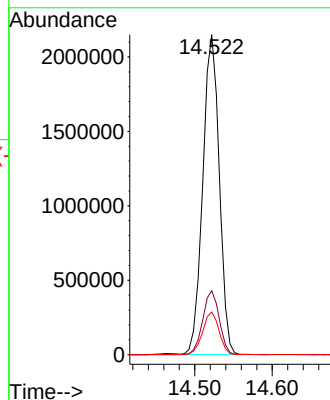
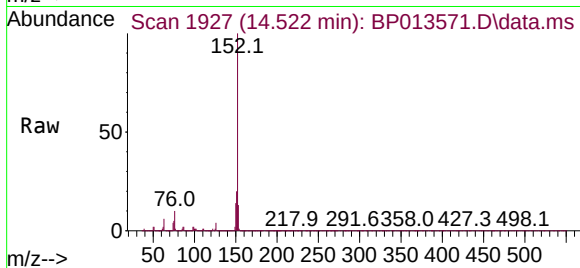
Tgt Ion:152 Resp: 3169706

Ion Ratio Lower Upper

152 100

151 20.0 16.1 24.1

153 13.3 10.1 15.1



#50

Dimethylphthalate

Concen: 40.475 ng

RT: 14.245 min Scan# 1880

Delta R.T. -0.000 min

Lab File: BP013571.D

Acq: 24 Jan 2023 15:13

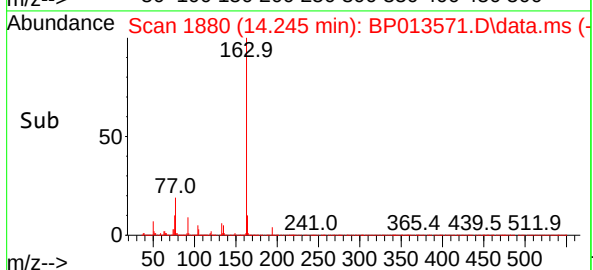
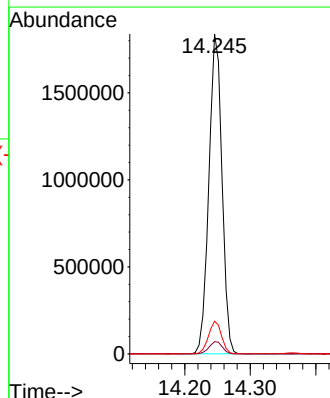
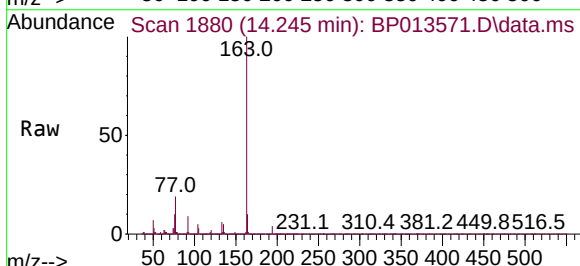
Tgt Ion:163 Resp: 2543784

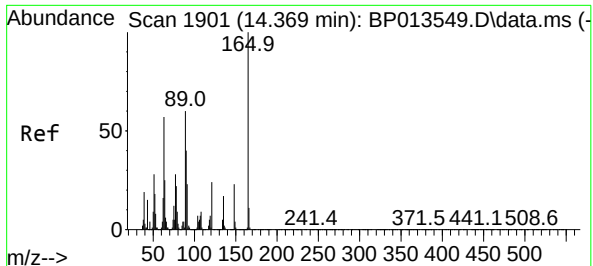
Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

164 10.2 8.1 12.1

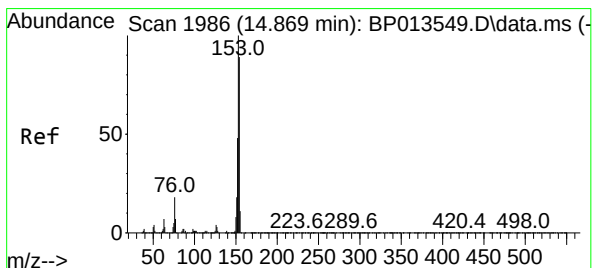
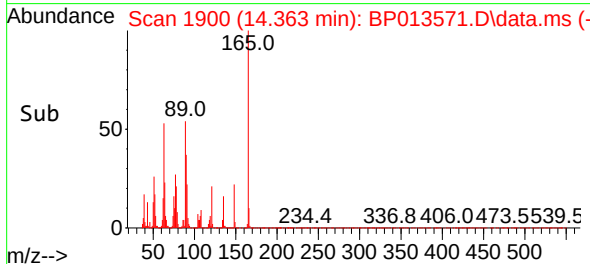
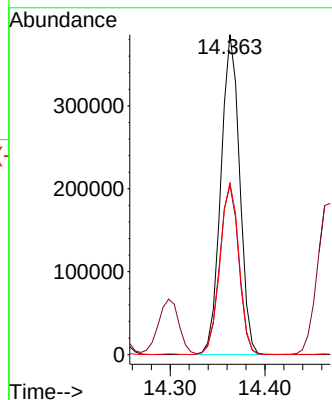
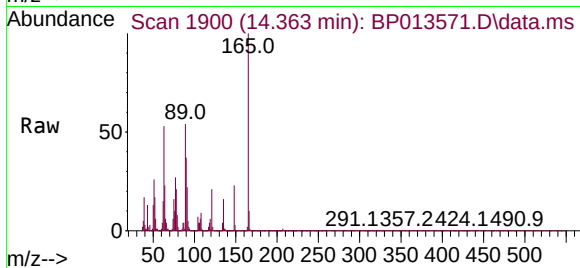




#51
2,6-Dinitrotoluene
Concen: 43.626 ng
RT: 14.363 min Scan# 1901
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

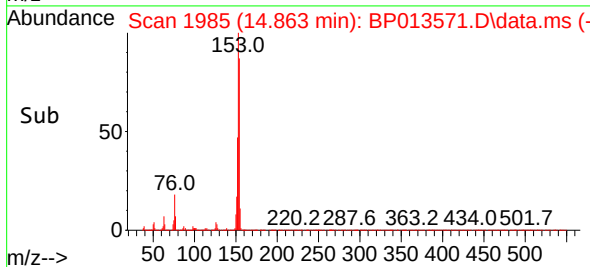
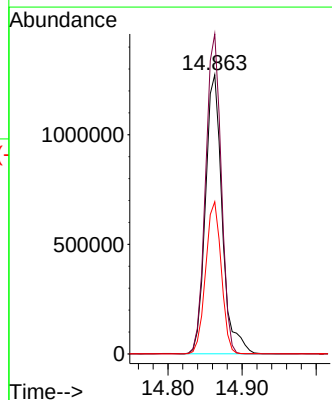
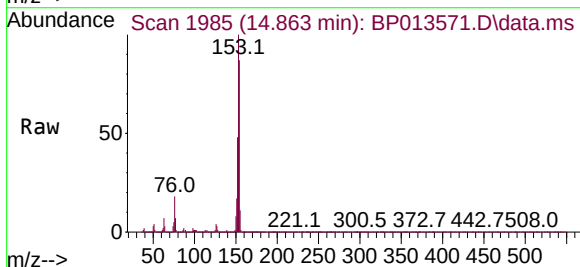
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

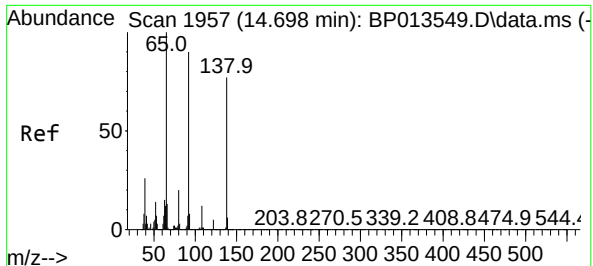
Tgt Ion:165 Resp: 529259
Ion Ratio Lower Upper
165 100
63 52.9 47.2 70.8
89 53.6 47.8 71.6



#52
Acenaphthene
Concen: 38.921 ng
RT: 14.863 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

Tgt Ion:154 Resp: 2000093
Ion Ratio Lower Upper
154 100
153 114.6 89.4 134.0
152 54.5 42.7 64.1

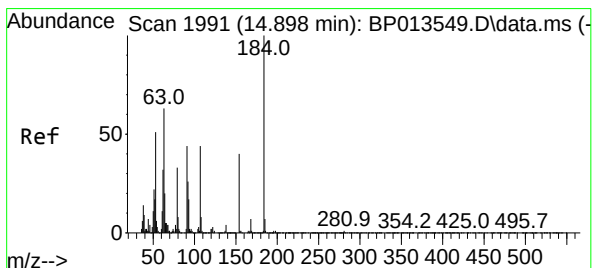
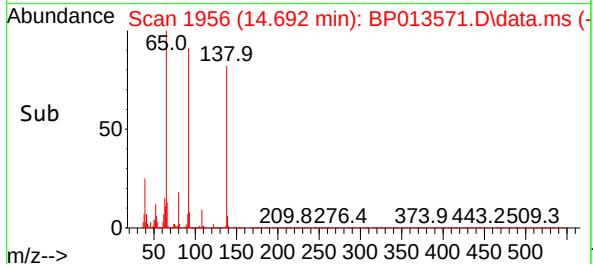
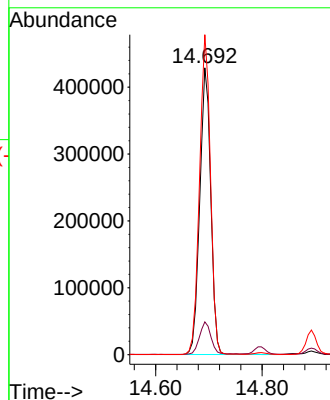
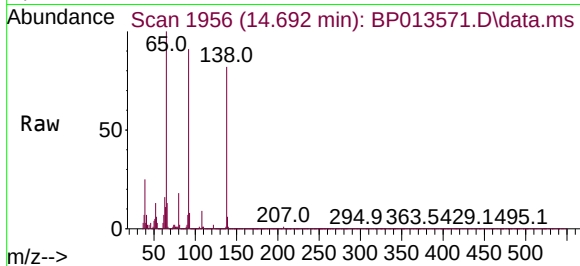




#53
3-Nitroaniline
Concen: 43.986 ng
RT: 14.692 min Scan# 1957
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

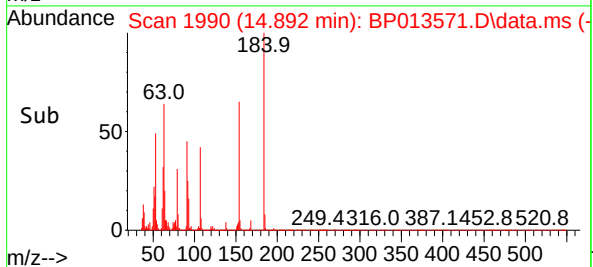
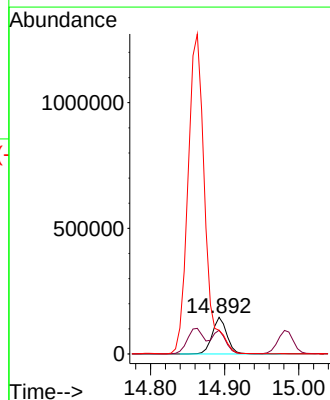
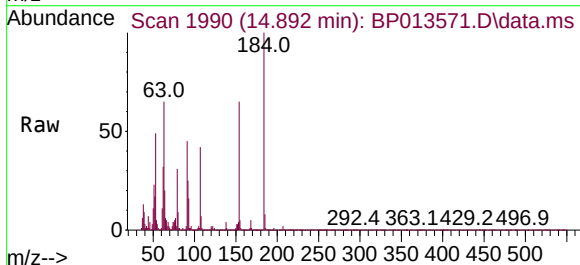
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

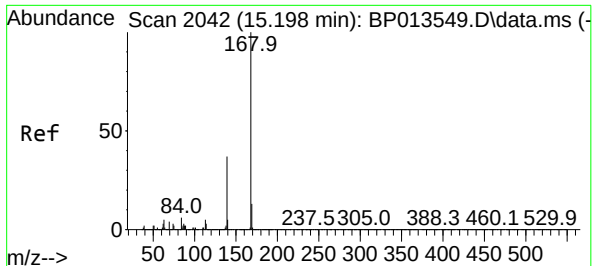
Tgt Ion:138 Resp: 610818
Ion Ratio Lower Upper
138 100
108 11.4 12.8 19.2#
92 111.6 93.3 139.9



#54
2,4-Dinitrophenol
Concen: 56.351 ng
RT: 14.892 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

Tgt Ion:184 Resp: 198862
Ion Ratio Lower Upper
184 100
63 64.7 53.2 79.8
154 64.8 54.4 81.6

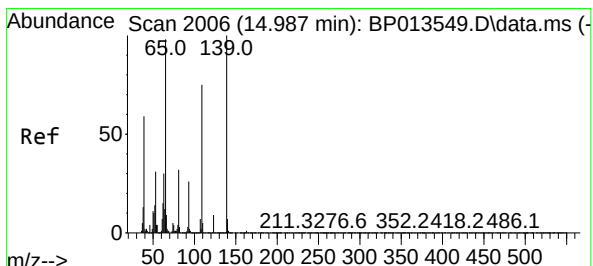
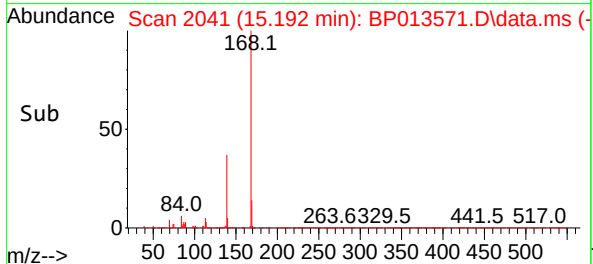
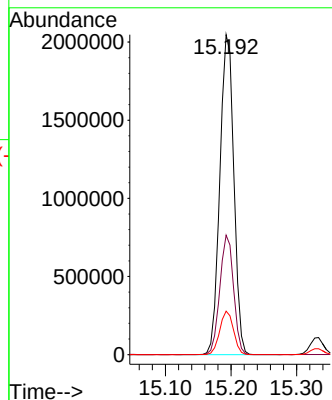
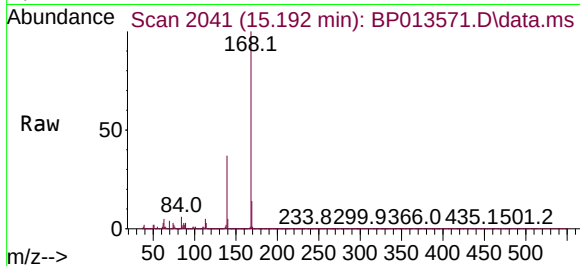




#55
Dibenzofuran
Concen: 38.570 ng
RT: 15.192 min Scan# 2042
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

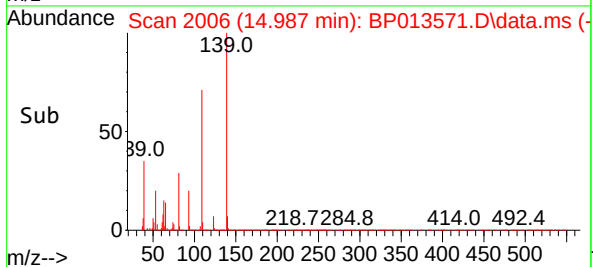
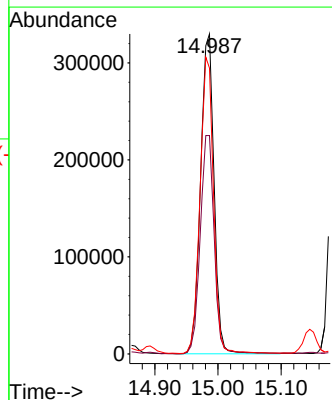
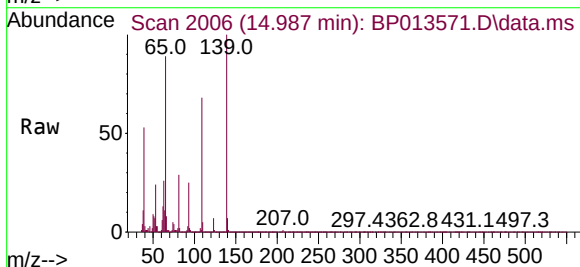
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

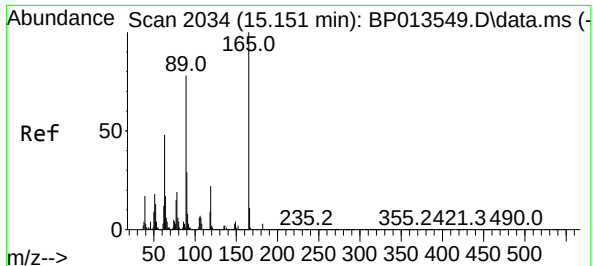
Tgt Ion:168 Resp: 3039348
Ion Ratio Lower Upper
168 100
139 37.3 29.9 44.9
169 13.6 10.7 16.1



#56
4-Nitrophenol
Concen: 47.976 ng
RT: 14.987 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

Tgt Ion:139 Resp: 487069
Ion Ratio Lower Upper
139 100
109 68.2 55.0 95.0
65 89.3 77.7 117.7

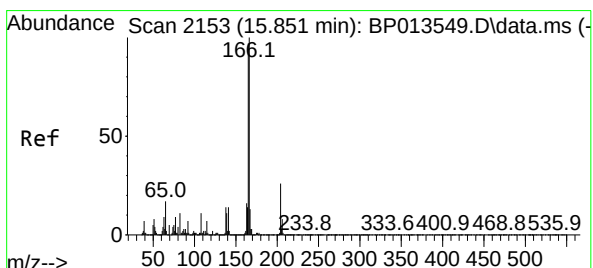
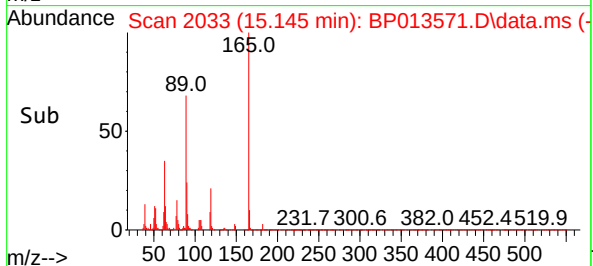
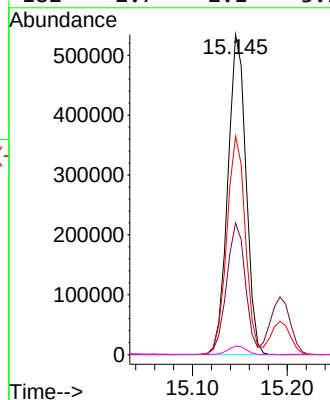
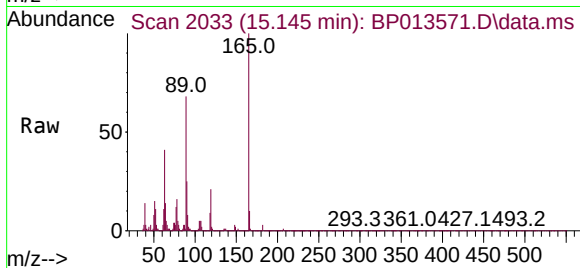




#57
2,4-Dinitrotoluene
Concen: 48.771 ng
RT: 15.145 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

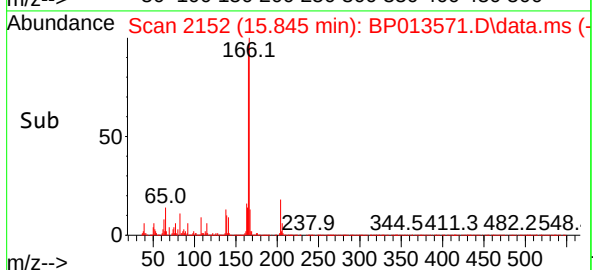
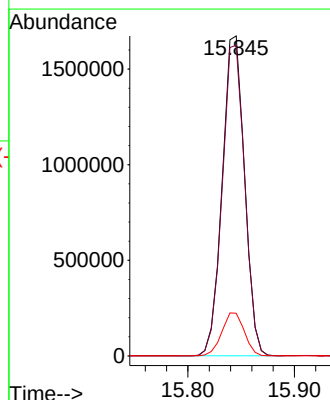
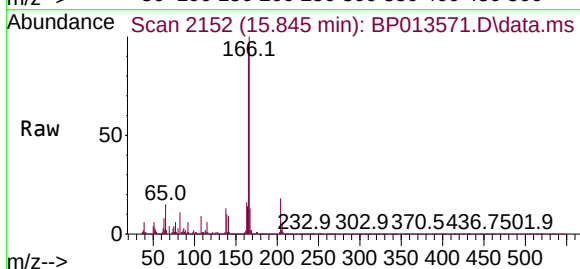
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

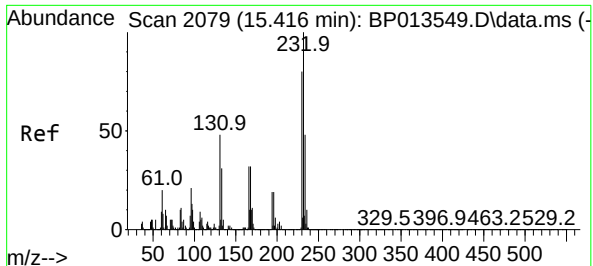
Tgt Ion:165 Resp: 711855
Ion Ratio Lower Upper
165 100
63 41.1 38.3 57.5
89 68.3 62.1 93.1
182 2.7 2.1 3.1



#58
Fluorene
Concen: 38.957 ng
RT: 15.845 min Scan# 2152
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

Tgt Ion:166 Resp: 2439929
Ion Ratio Lower Upper
166 100
165 97.1 77.8 116.8
167 13.3 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.624 ng

RT: 15.410 min Scan# 2079

Delta R.T. -0.006 min

Lab File: BP013571.D

Acq: 24 Jan 2023 15:13

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:232 Resp: 630666

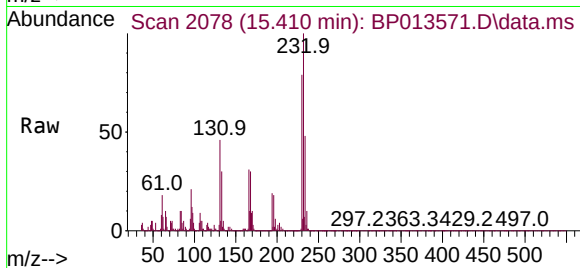
Ion Ratio Lower Upper

232 100

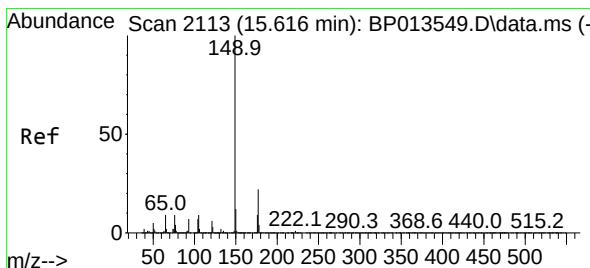
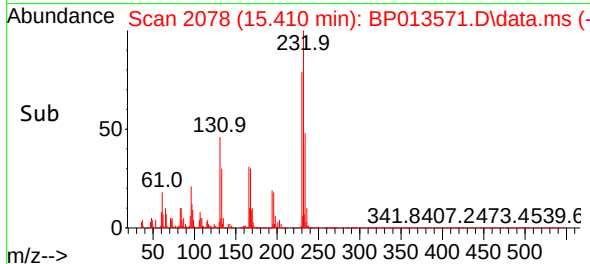
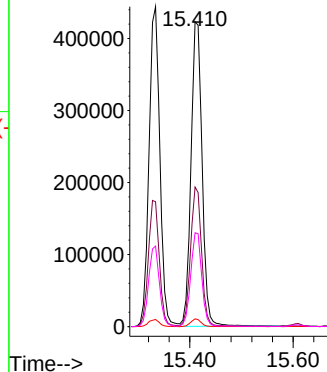
131 45.3 37.1 55.7

130 2.4 1.9 2.9

166 30.7 25.2 37.8



Abundance



#60

Diethylphthalate

Concen: 41.887 ng

RT: 15.610 min Scan# 2112

Delta R.T. -0.000 min

Lab File: BP013571.D

Acq: 24 Jan 2023 15:13

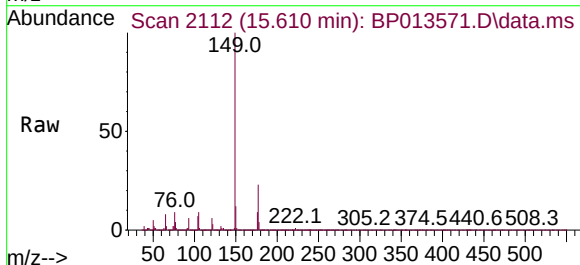
Tgt Ion:149 Resp: 2571209

Ion Ratio Lower Upper

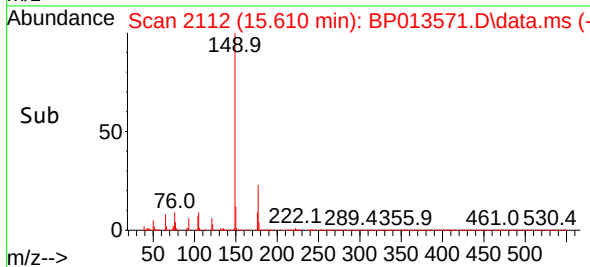
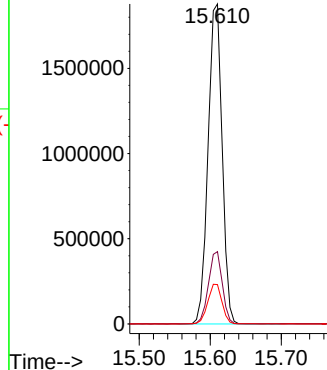
149 100

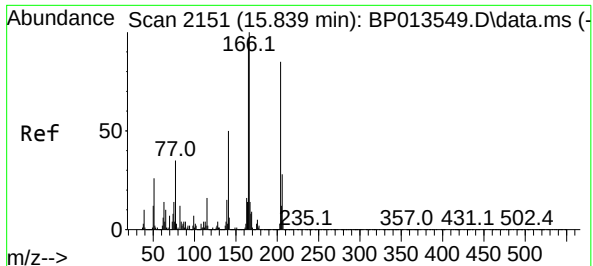
177 22.6 17.8 26.6

150 12.3 9.8 14.6



Abundance

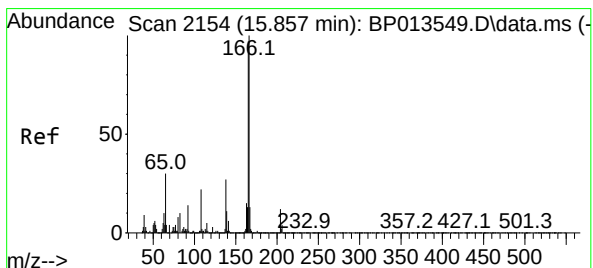
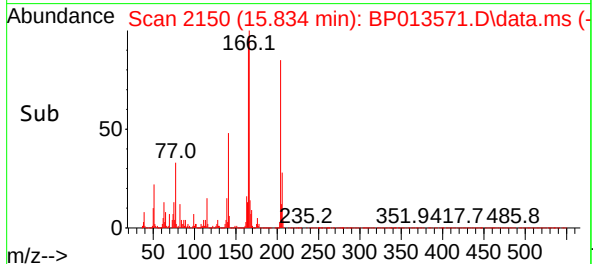
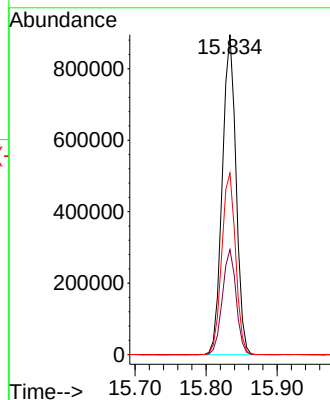
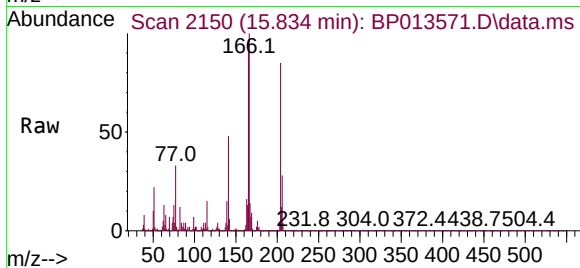




#61
4-Chlorophenyl-phenylether
Concen: 39.100 ng
RT: 15.834 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

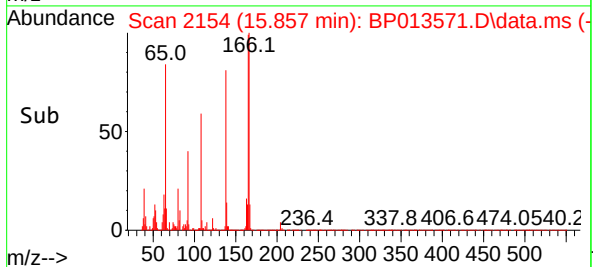
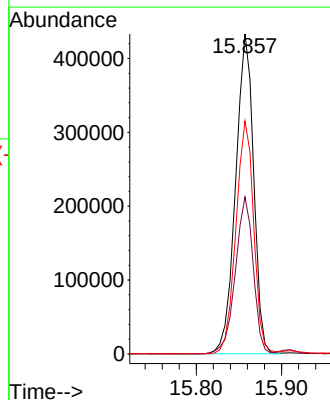
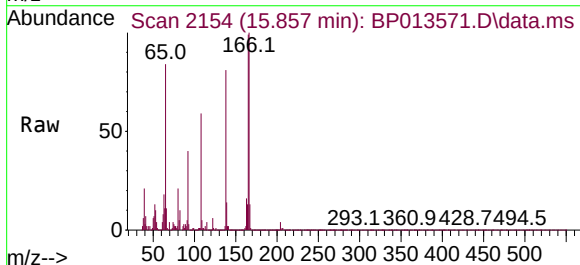
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

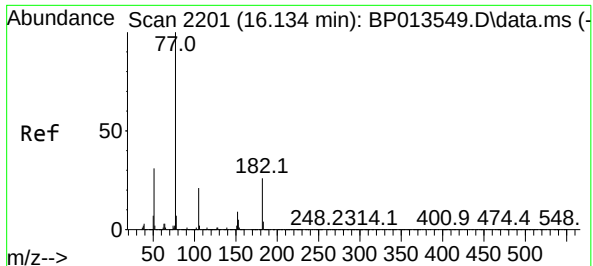
Tgt Ion:204 Resp: 1204164
Ion Ratio Lower Upper
204 100
206 32.8 26.6 39.8
141 56.7 47.0 70.4



#62
4-Nitroaniline
Concen: 47.406 ng
RT: 15.857 min Scan# 2154
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

Tgt Ion:138 Resp: 636072
Ion Ratio Lower Upper
138 100
92 49.0 32.3 72.3
108 72.7 59.2 99.2

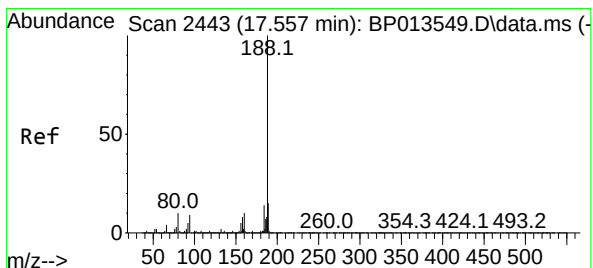
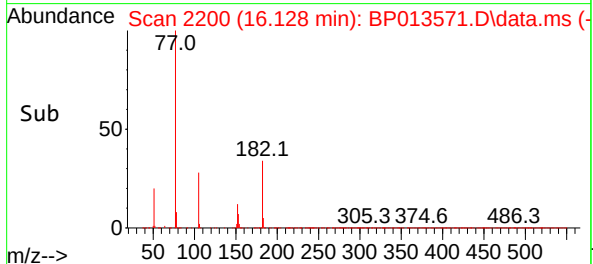
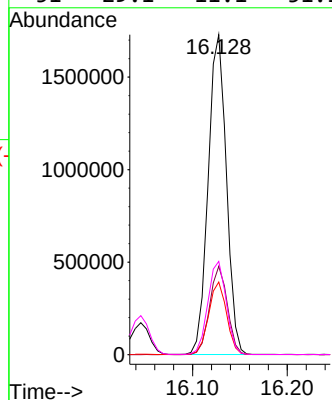
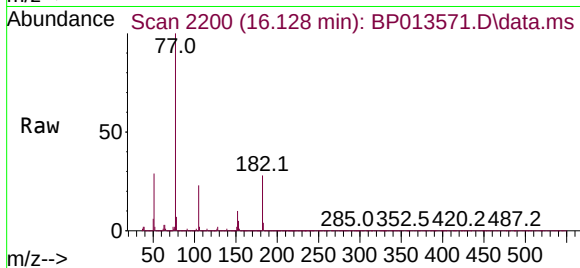




#63
Azobenzene
Concen: 38.742 ng
RT: 16.128 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

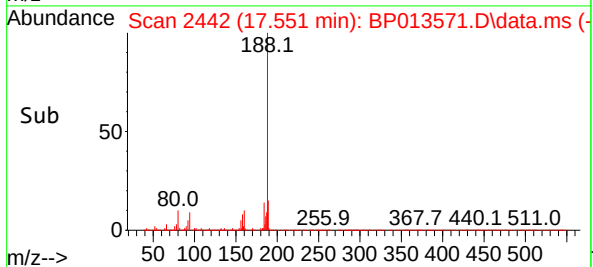
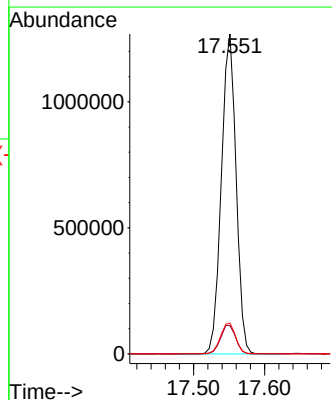
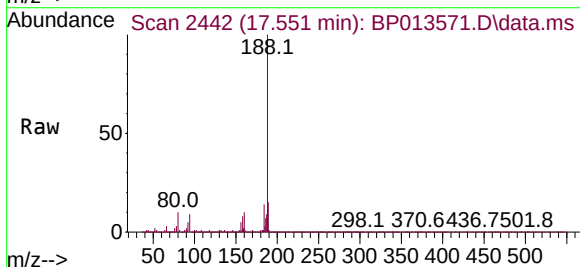
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

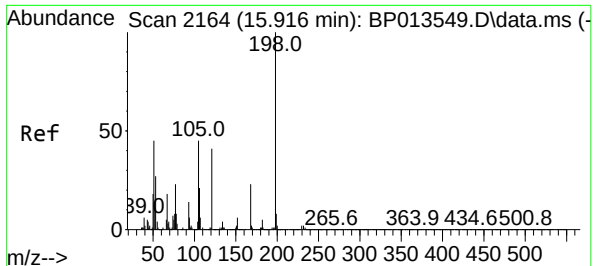
Tgt Ion: 77 Resp: 2310852
Ion Ratio Lower Upper
77 100
182 27.6 5.5 45.5
105 22.7 1.4 41.4
51 29.1 11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.551 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

Tgt Ion:188 Resp: 1830854
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 9.6 8.2 12.2





#65

4,6-Dinitro-2-methylphenol

Concen: 51.694 ng

RT: 15.910 min Scan# 2164

Delta R.T. -0.000 min

Lab File: BP013571.D

Acq: 24 Jan 2023 15:13

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

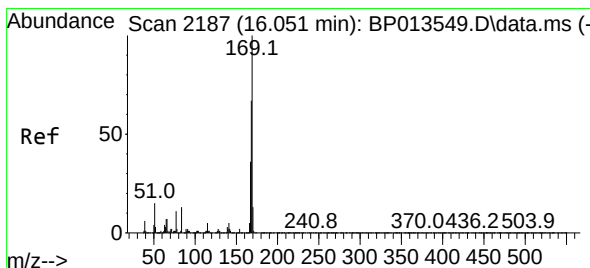
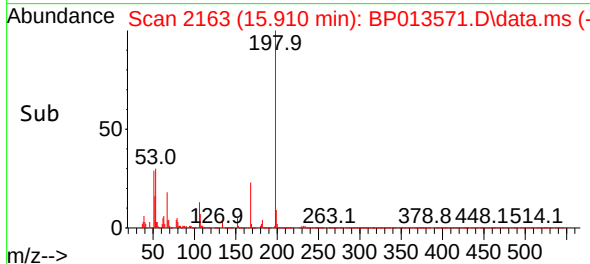
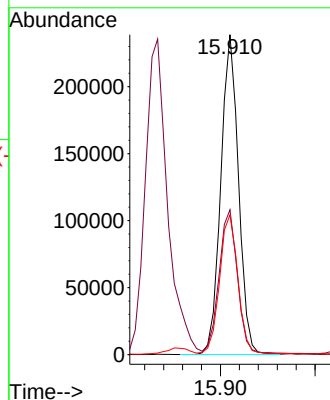
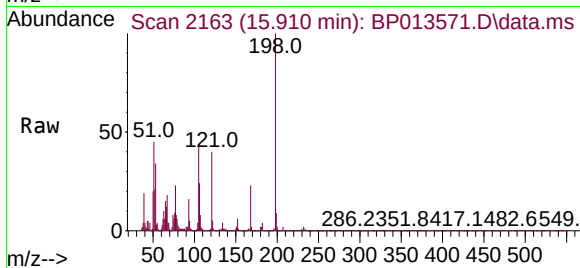
Tgt Ion:198 Resp: 308703

Ion Ratio Lower Upper

198 100

51 45.3 30.4 70.4

105 43.7 26.4 66.4



#66

n-Nitrosodiphenylamine

Concen: 36.261 ng

RT: 16.045 min Scan# 2186

Delta R.T. -0.000 min

Lab File: BP013571.D

Acq: 24 Jan 2023 15:13

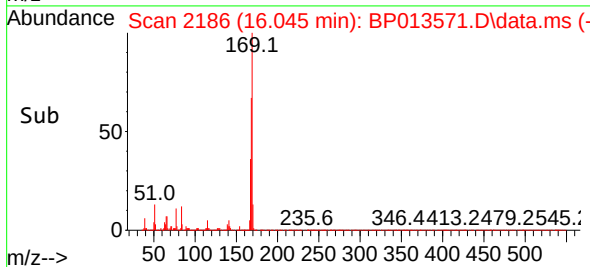
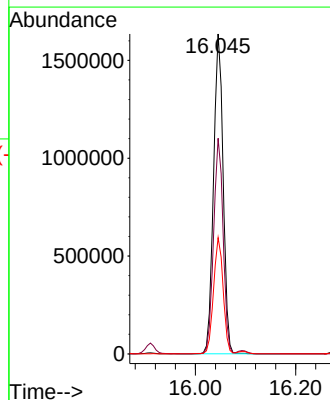
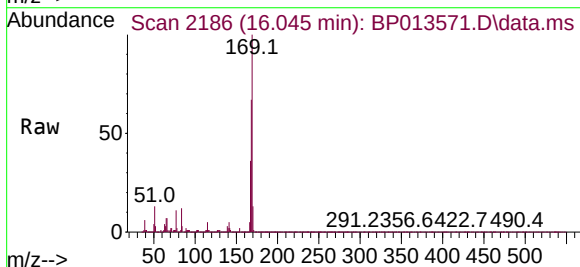
Tgt Ion:169 Resp: 2165027

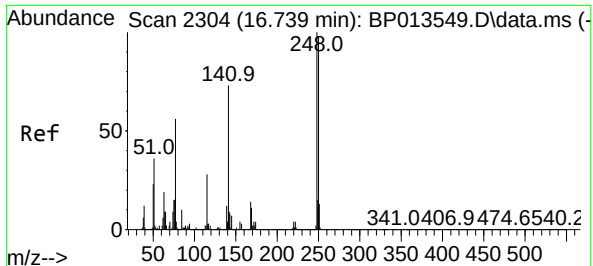
Ion Ratio Lower Upper

169 100

168 67.4 54.0 81.0

167 36.3 29.0 43.6

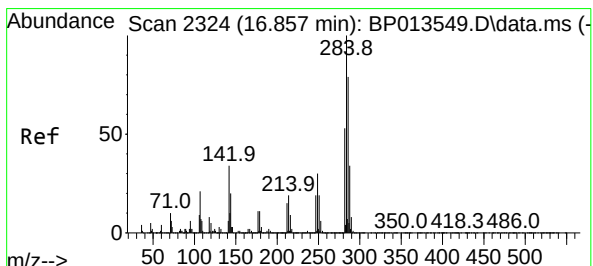
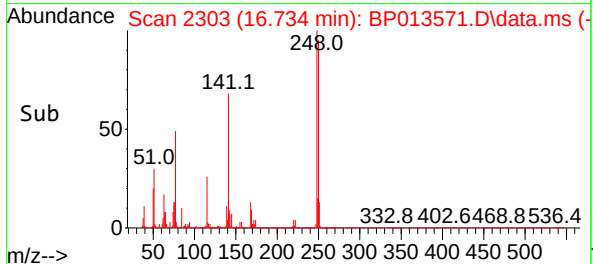
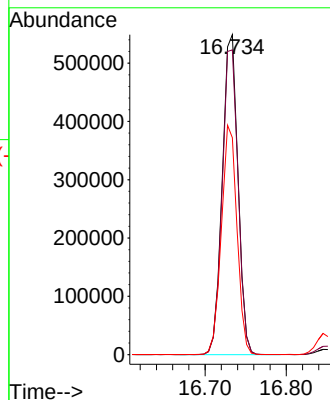
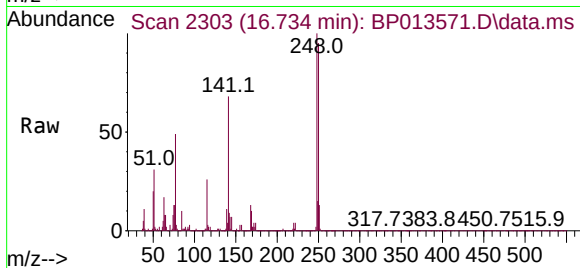




#67
4-Bromophenyl-phenylether
Concen: 36.200 ng
RT: 16.734 min Scan# 2304
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

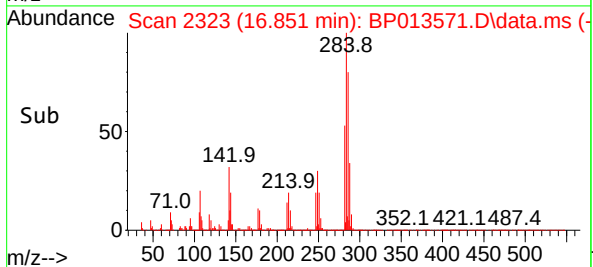
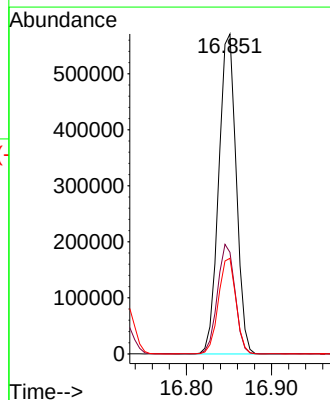
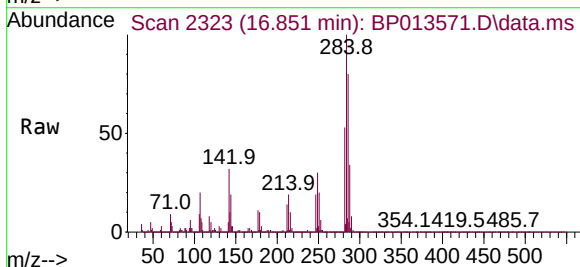
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

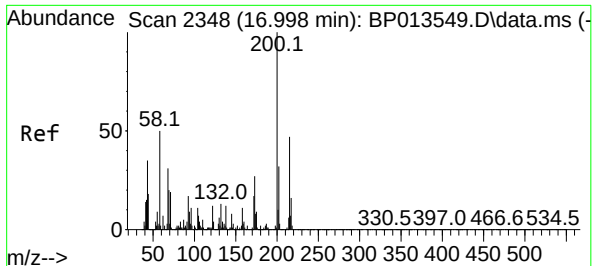
Tgt Ion:248 Resp: 734142
Ion Ratio Lower Upper
248 100
250 95.2 78.1 117.1
141 67.8 58.1 87.1



#68
Hexachlorobenzene
Concen: 37.067 ng
RT: 16.851 min Scan# 2323
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

Tgt Ion:284 Resp: 811990
Ion Ratio Lower Upper
284 100
142 31.7 27.3 40.9
249 29.9 24.0 36.0

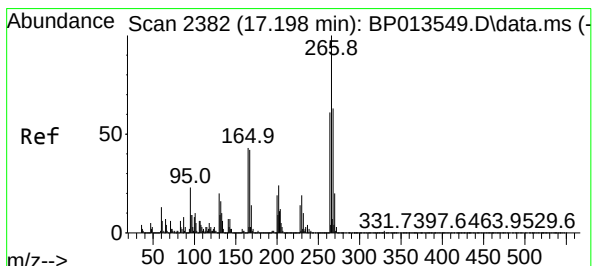
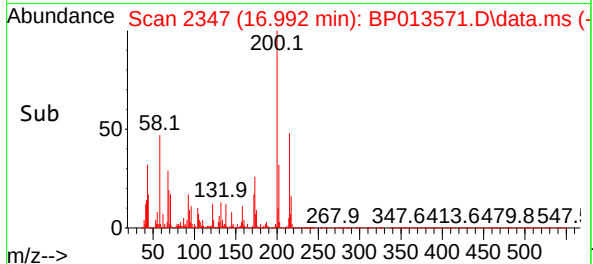
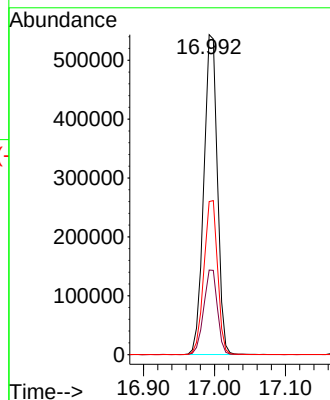
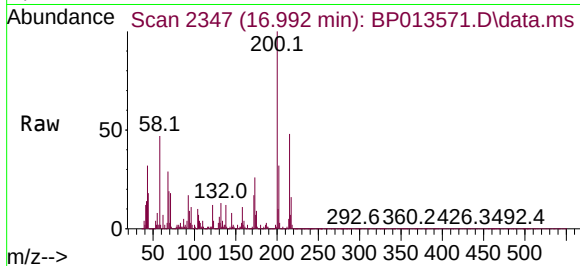




#69
Atrazine
Concen: 42.129 ng
RT: 16.992 min Scan# 2348
Delta R.T. -0.006 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

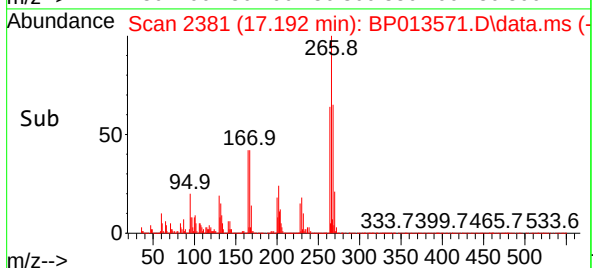
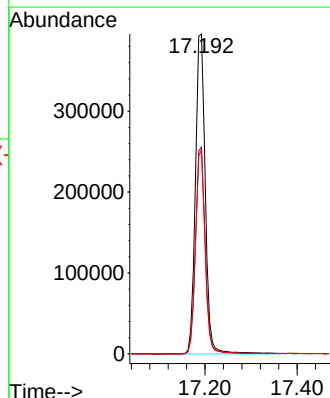
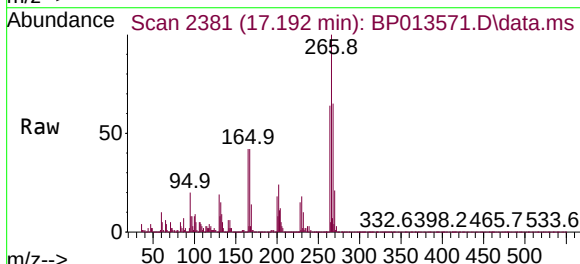
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

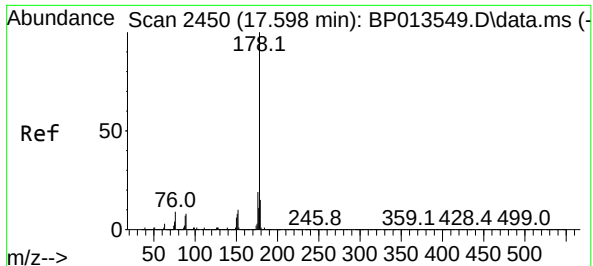
Tgt Ion:200 Resp: 719707
Ion Ratio Lower Upper
200 100
173 26.5 7.2 47.2
215 47.8 27.3 67.3



#70
Pentachlorophenol
Concen: 42.768 ng
RT: 17.192 min Scan# 2381
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

Tgt Ion:266 Resp: 586444
Ion Ratio Lower Upper
266 100
268 64.6 50.7 76.1
264 63.8 48.9 73.3

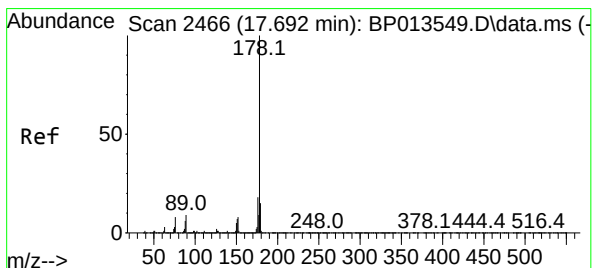
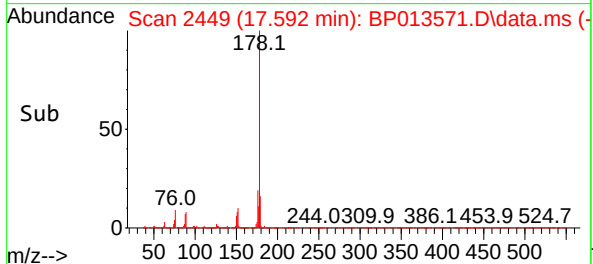
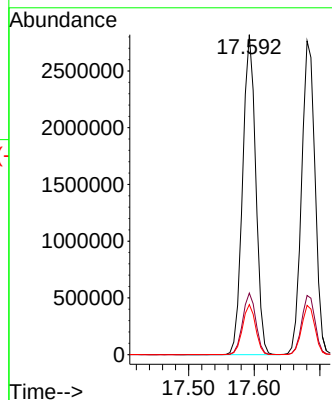
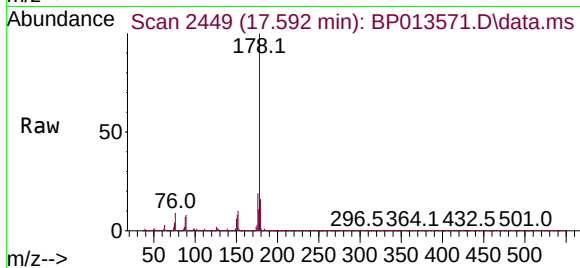




#71
Phenanthrene
Concen: 38.150 ng
RT: 17.592 min Scan# 2450
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

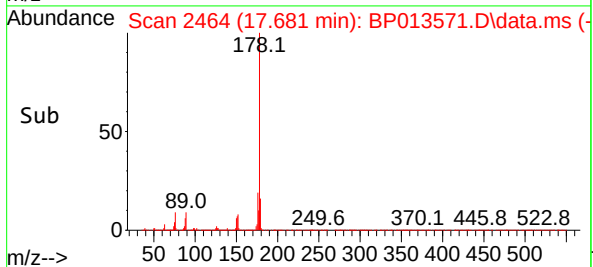
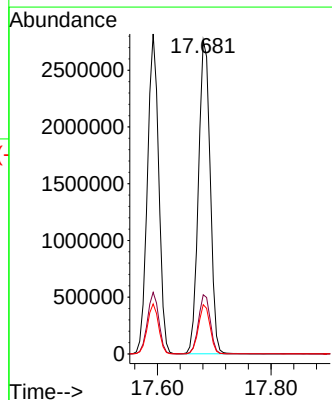
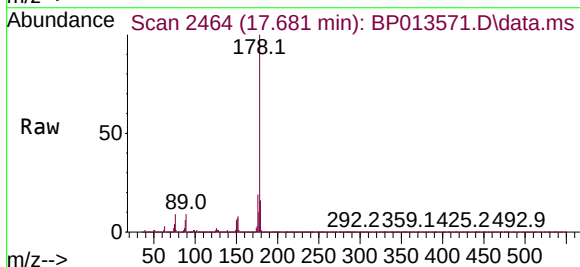
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

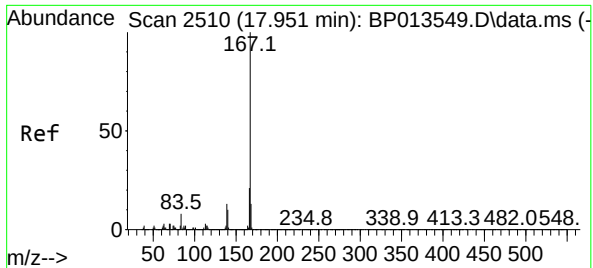
Tgt Ion:178 Resp: 3886176
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.6 12.2 18.4



#72
Anthracene
Concen: 38.194 ng
RT: 17.681 min Scan# 2464
Delta R.T. -0.006 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

Tgt Ion:178 Resp: 3948781
Ion Ratio Lower Upper
178 100
176 18.9 14.6 22.0
179 15.7 12.3 18.5

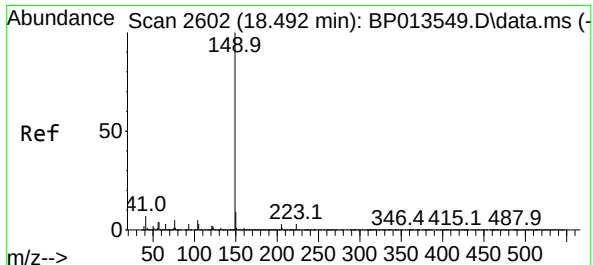
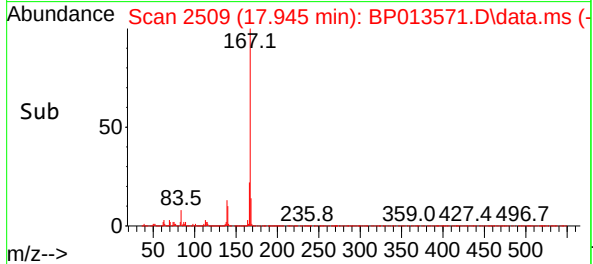
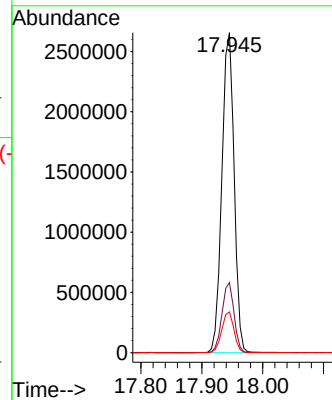
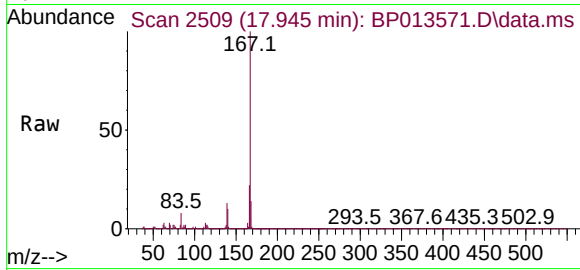




#73
 Carbazole
 Concen: 40.015 ng
 RT: 17.945 min Scan# 2510
 Delta R.T. -0.000 min
 Lab File: BP013571.D
 Acq: 24 Jan 2023 15:13

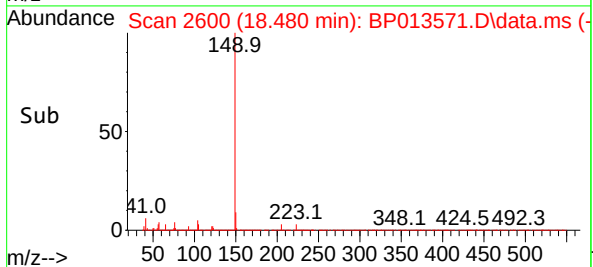
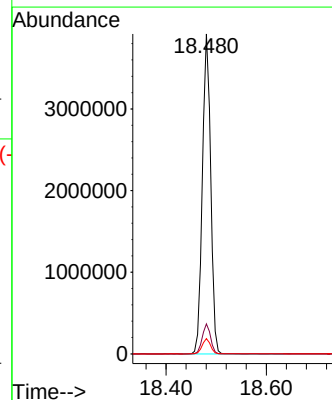
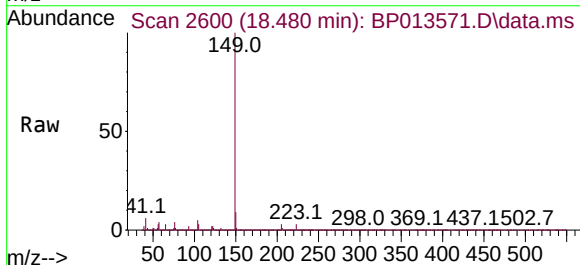
Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

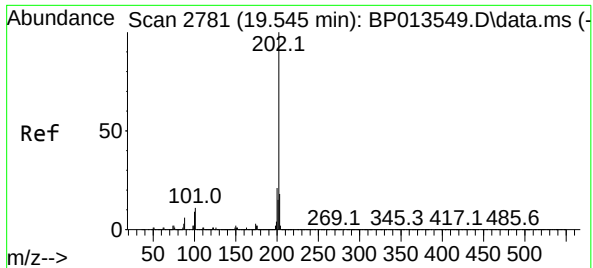
Tgt Ion:167 Resp: 3717879
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 12.7 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 43.497 ng
 RT: 18.480 min Scan# 2600
 Delta R.T. -0.006 min
 Lab File: BP013571.D
 Acq: 24 Jan 2023 15:13

Tgt Ion:149 Resp: 4497957
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 4.8 3.9 5.9

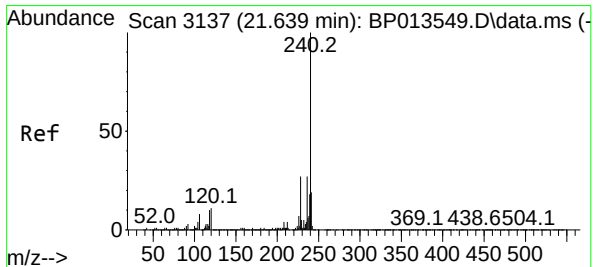
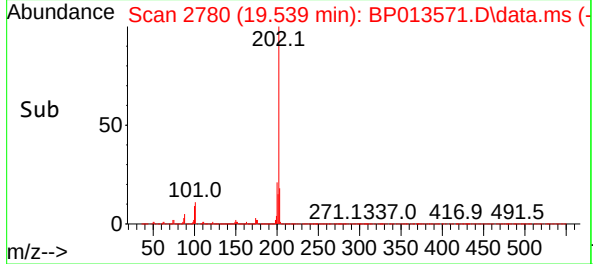
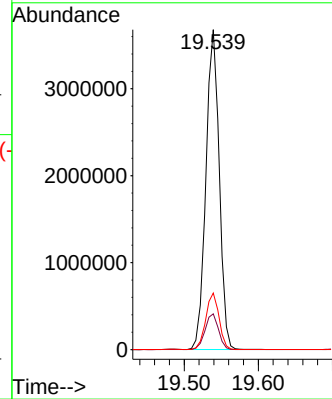
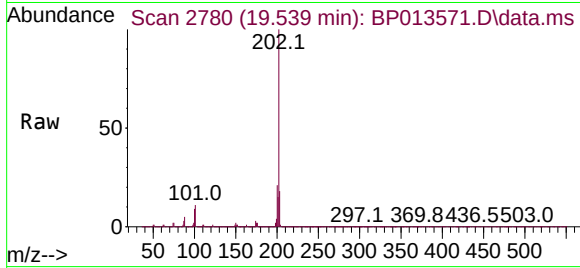




#75
Fluoranthene
Concen: 42.274 ng
RT: 19.539 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

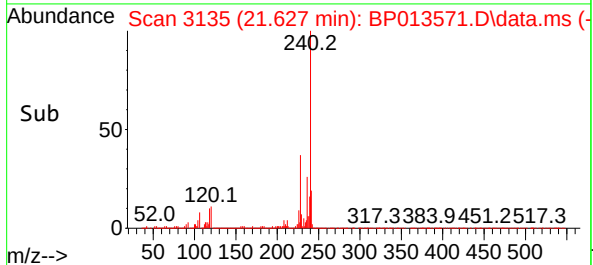
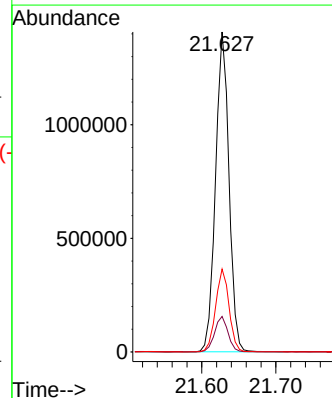
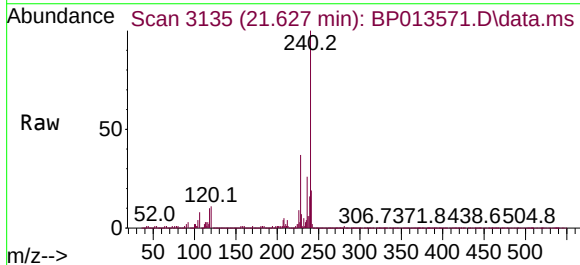
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

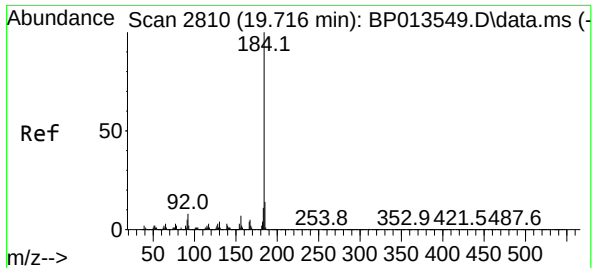
Tgt Ion:202 Resp: 4579389
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.4
203 17.7 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.627 min Scan# 3135
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

Tgt Ion:240 Resp: 1775326
Ion Ratio Lower Upper
240 100
120 11.1 8.6 13.0
236 25.9 21.3 31.9

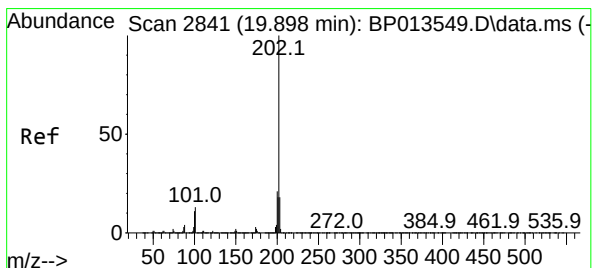
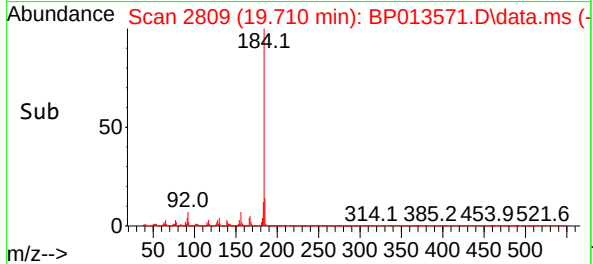
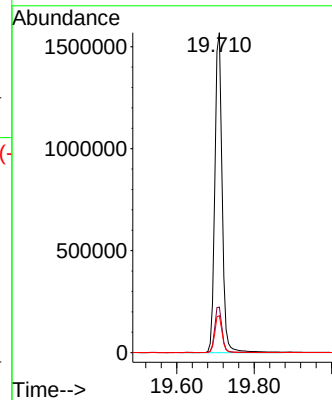
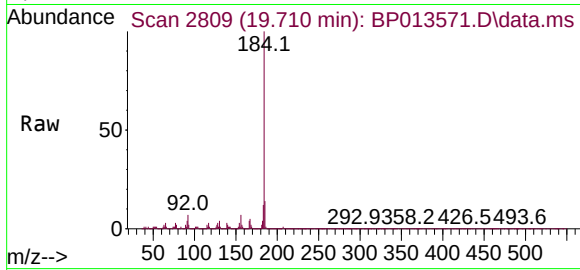




#77
Benzidine
Concen: 45.793 ng
RT: 19.710 min Scan# 2810
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

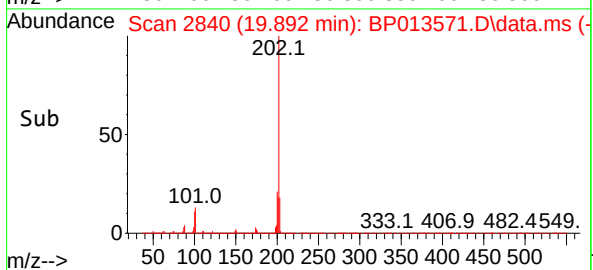
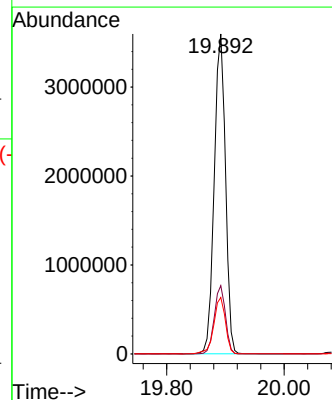
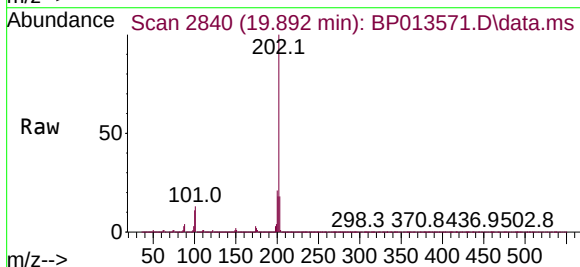
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

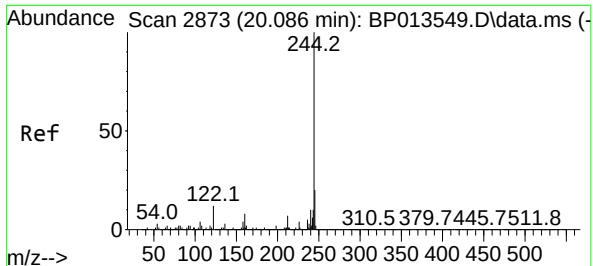
Tgt Ion:184 Resp: 2044660
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 11.5 9.0 13.6



#78
Pyrene
Concen: 35.184 ng
RT: 19.892 min Scan# 2840
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

Tgt Ion:202 Resp: 4776103
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.6
203 17.7 14.2 21.2

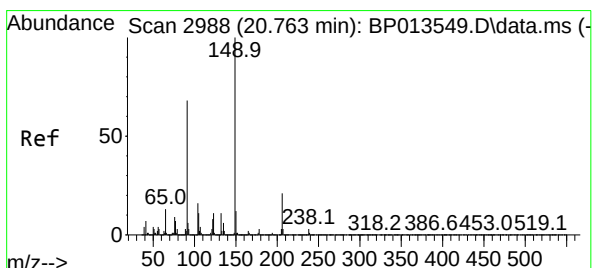
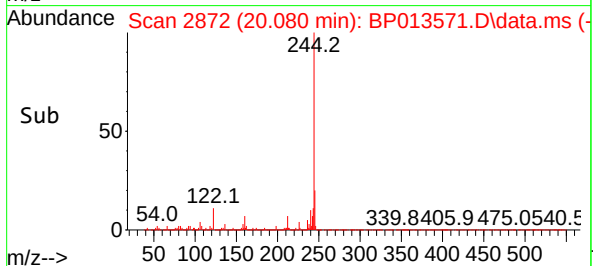
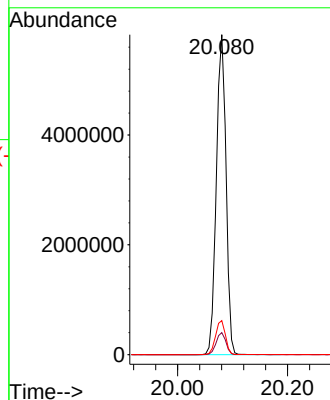
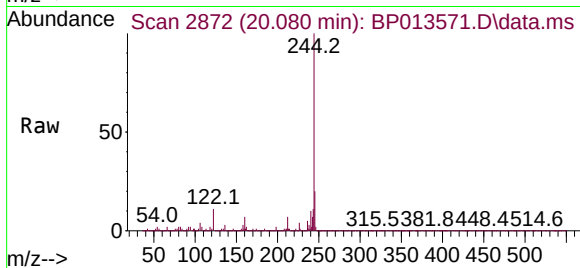




#79
 Terphenyl-d14
 Concen: 71.980 ng
 RT: 20.080 min Scan# 2873
 Delta R.T. -0.000 min
 Lab File: BP013571.D
 Acq: 24 Jan 2023 15:13

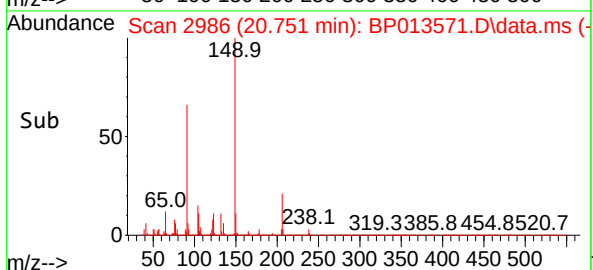
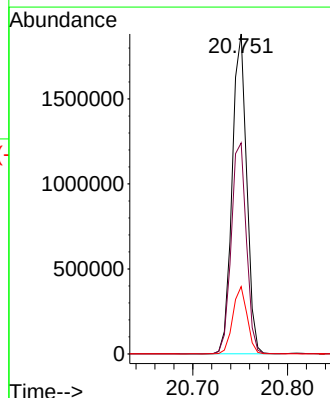
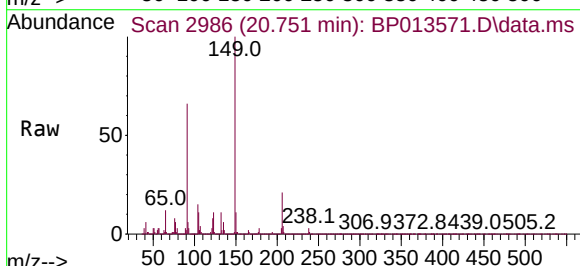
Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

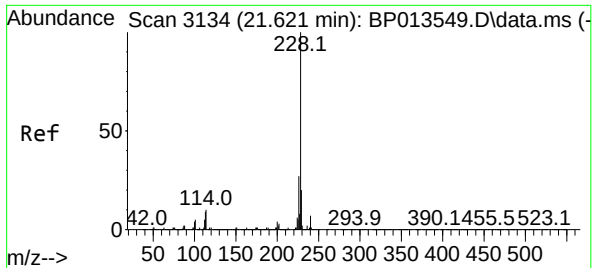
Tgt Ion:244 Resp: 7103236
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 10.6 9.2 13.8



#80
 Butylbenzylphthalate
 Concen: 46.542 ng
 RT: 20.751 min Scan# 2986
 Delta R.T. -0.000 min
 Lab File: BP013571.D
 Acq: 24 Jan 2023 15:13

Tgt Ion:149 Resp: 2011565
 Ion Ratio Lower Upper
 149 100
 91 65.9 54.6 81.8
 206 21.0 16.7 25.1

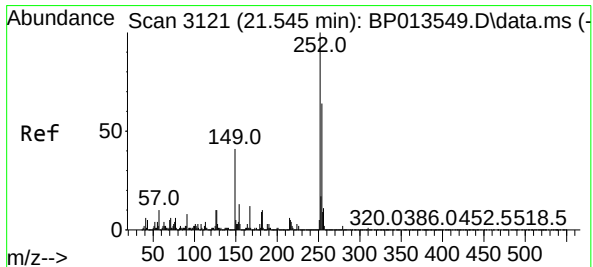
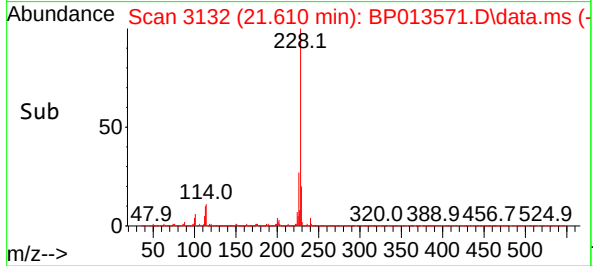
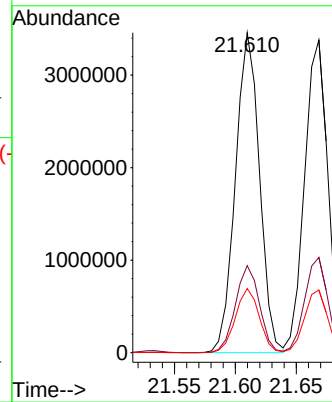
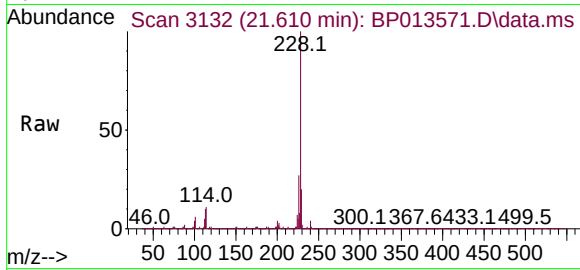




#81
Benzo(a)anthracene
Concen: 38.480 ng
RT: 21.610 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

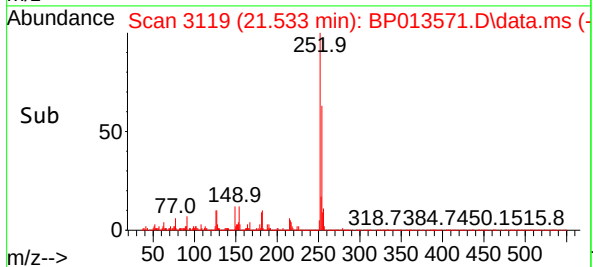
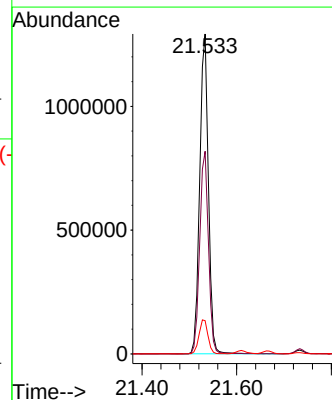
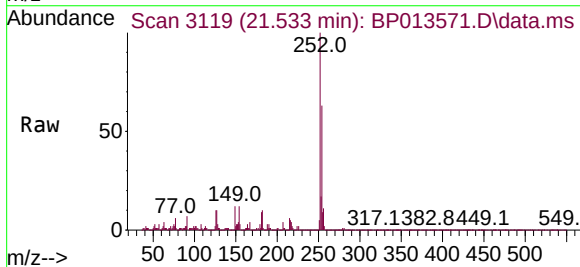
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

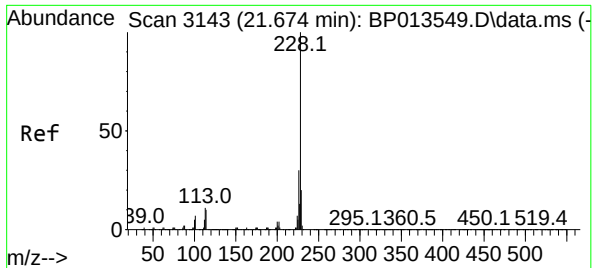
Tgt Ion:228 Resp: 4759168
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 20.0 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 41.332 ng
RT: 21.533 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

Tgt Ion:252 Resp: 1647068
Ion Ratio Lower Upper
252 100
254 63.3 51.4 77.0
126 10.4 8.3 12.5

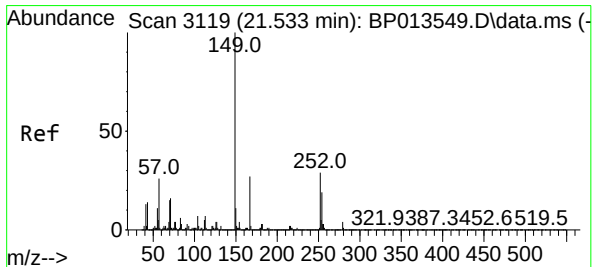
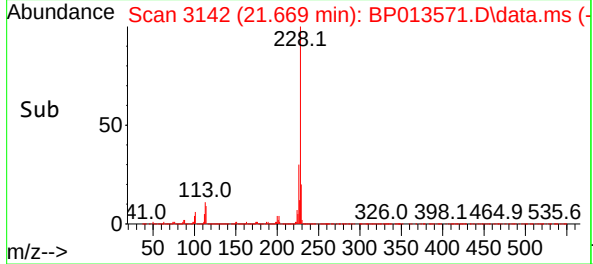
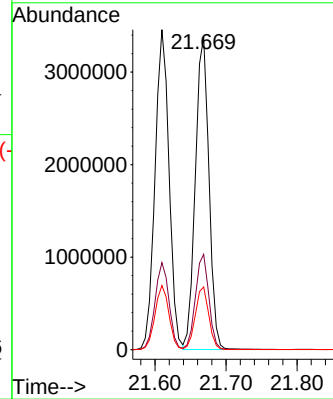
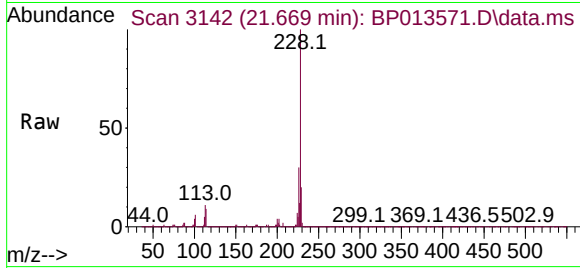




#83
Chrysene
Concen: 38.058 ng
RT: 21.669 min Scan# 3116
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

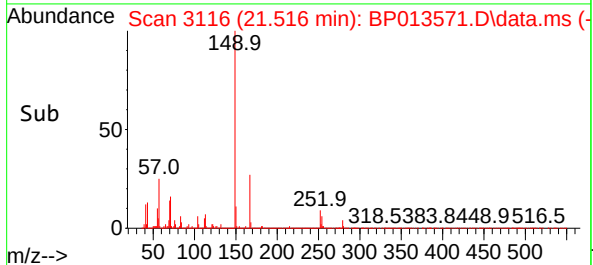
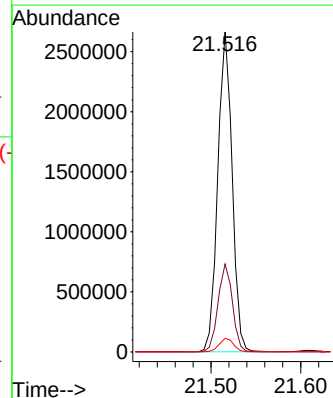
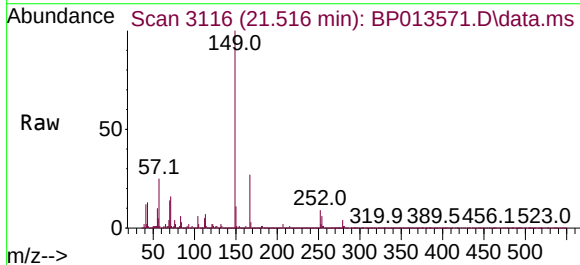
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

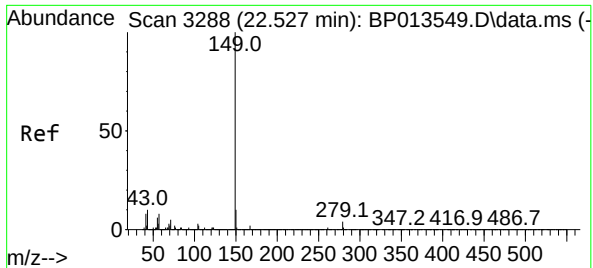
Tgt Ion:228 Resp: 4502114
Ion Ratio Lower Upper
228 100
226 30.5 24.1 36.1
229 20.0 16.2 24.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.073 ng
RT: 21.516 min Scan# 3116
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

Tgt Ion:149 Resp: 2979383
Ion Ratio Lower Upper
149 100
167 27.5 22.0 33.0
279 4.3 3.5 5.3

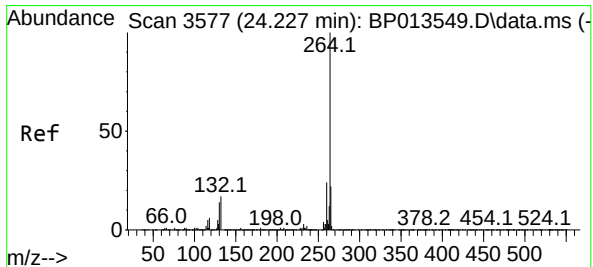
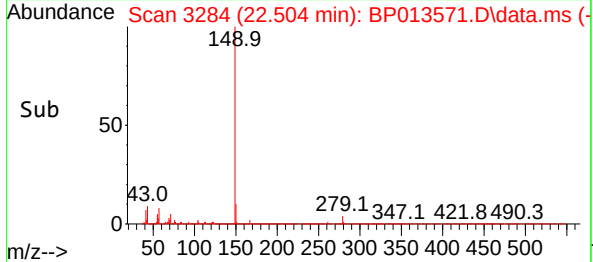
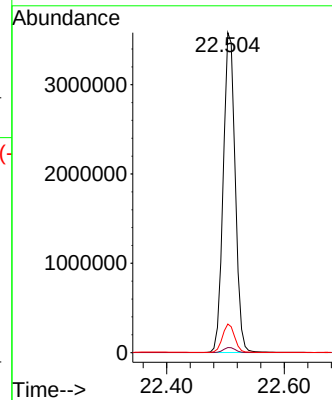
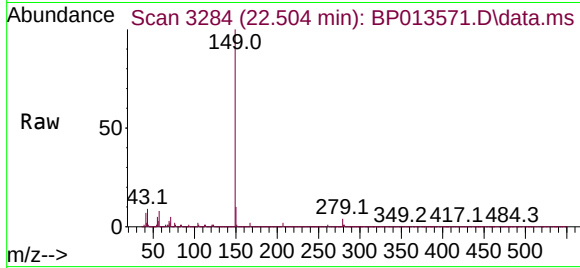




#85
Di-n-octyl phthalate
Concen: 45.299 ng
RT: 22.504 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

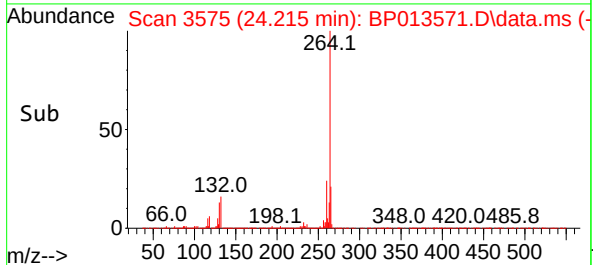
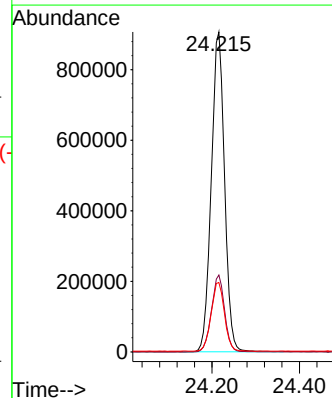
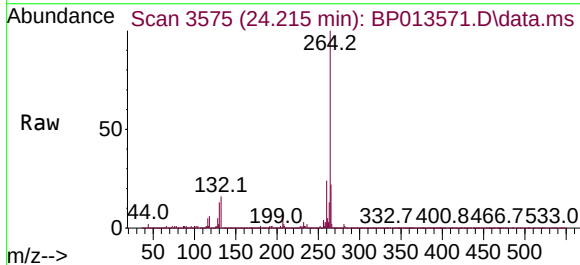
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

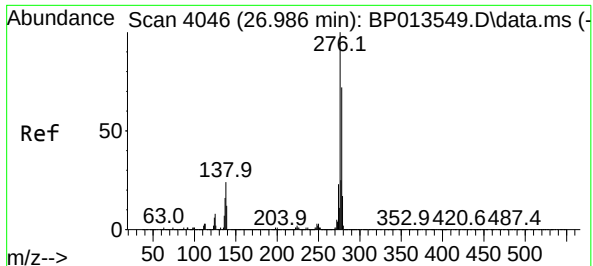
Tgt Ion:149 Resp: 5051658
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.0 8.2 12.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.215 min Scan# 3575
Delta R.T. -0.000 min
Lab File: BP013571.D
Acq: 24 Jan 2023 15:13

Tgt Ion:264 Resp: 1903851
Ion Ratio Lower Upper
264 100
260 24.0 18.8 28.2
265 21.7 17.4 26.2

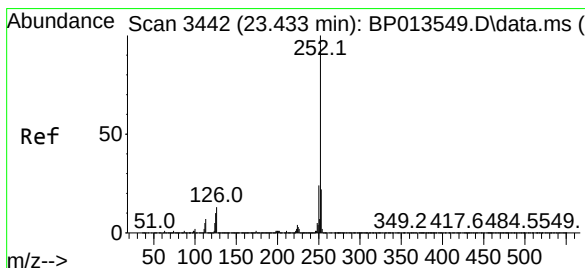
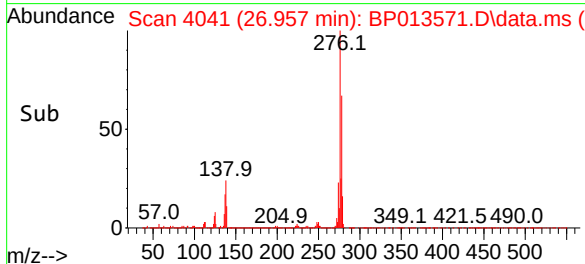
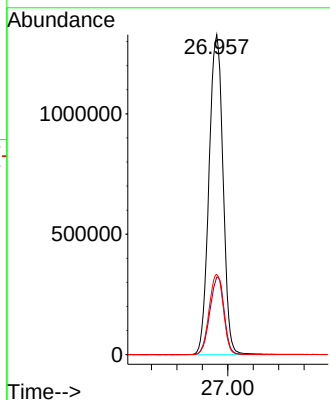
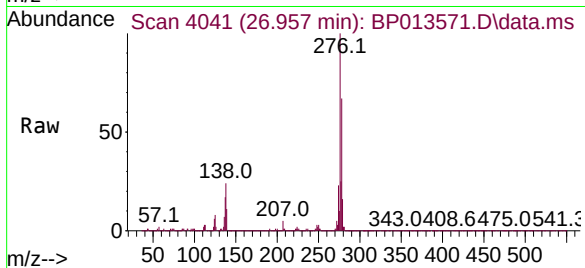




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 36.191 ng
 RT: 26.957 min Scan# 4046
 Delta R.T. -0.000 min
 Lab File: BP013571.D
 Acq: 24 Jan 2023 15:13

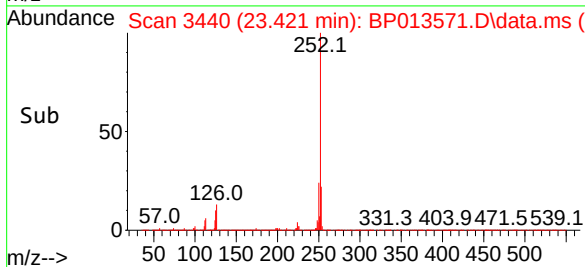
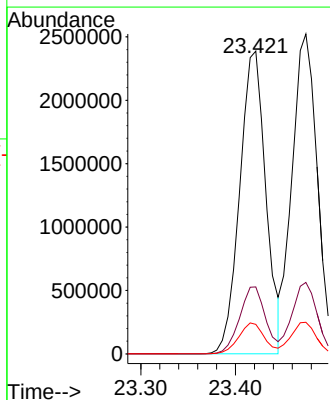
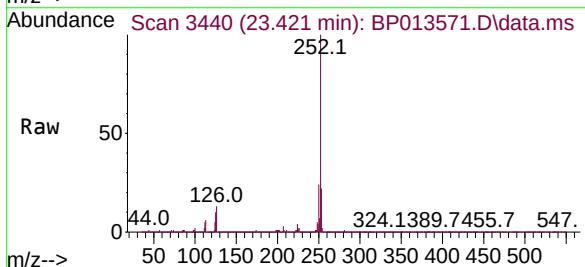
Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

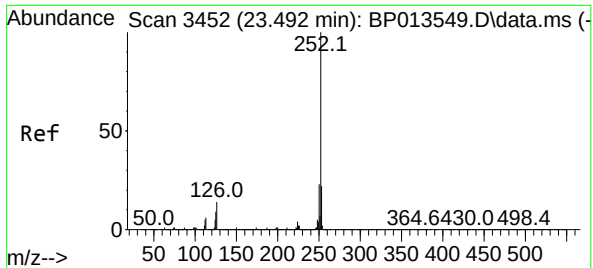
Tgt Ion:276 Resp: 5075238
 Ion Ratio Lower Upper
 276 100
 138 24.7 19.8 29.6
 277 25.5 20.2 30.4



#88
 Benzo(b)fluoranthene
 Concen: 39.131 ng
 RT: 23.421 min Scan# 3440
 Delta R.T. -0.000 min
 Lab File: BP013571.D
 Acq: 24 Jan 2023 15:13

Tgt Ion:252 Resp: 4583063
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.5 26.3
 125 9.7 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 39.202 ng

RT: 23.474 min Scan# 34

Delta R.T. -0.000 min

Lab File: BP013571.D

Acq: 24 Jan 2023 15:13

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

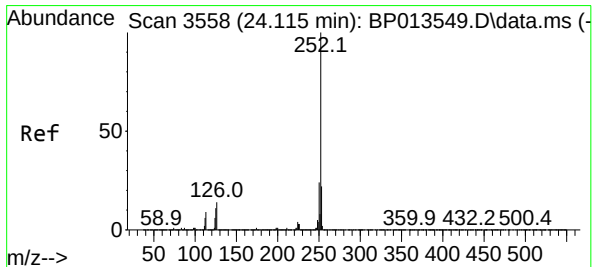
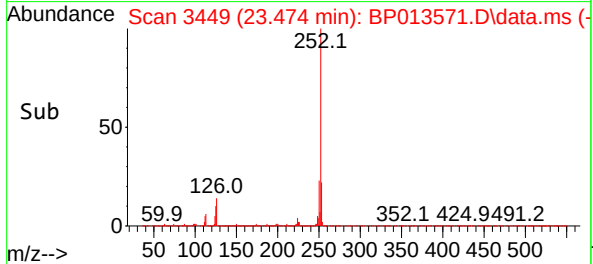
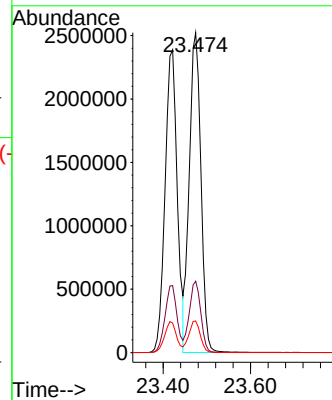
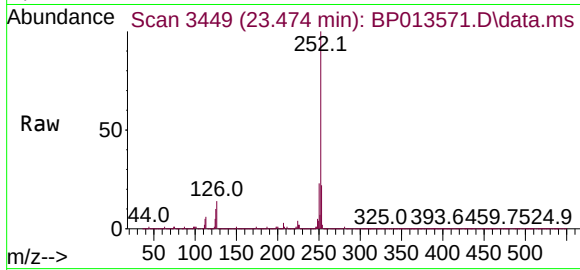
Tgt Ion:252 Resp: 4682960

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 9.9 7.5 11.3



#90

Benzo(a)pyrene

Concen: 38.718 ng

RT: 24.104 min Scan# 3556

Delta R.T. -0.000 min

Lab File: BP013571.D

Acq: 24 Jan 2023 15:13

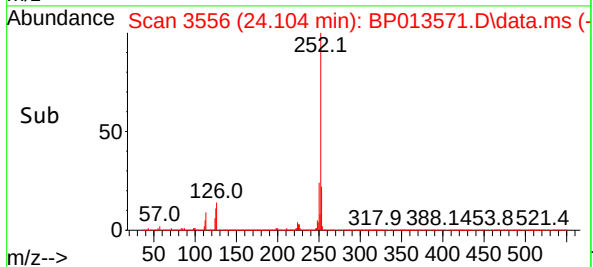
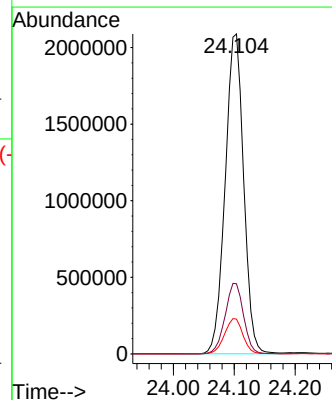
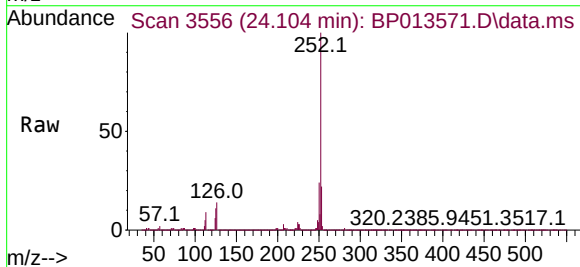
Tgt Ion:252 Resp: 4398834

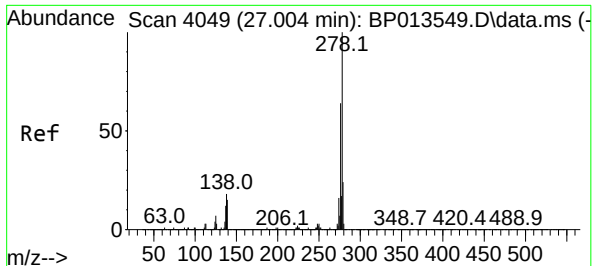
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 10.9 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 36.557 ng

RT: 26.974 min Scan# 4049

Delta R.T. -0.006 min

Lab File: BP013571.D

Acq: 24 Jan 2023 15:13

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

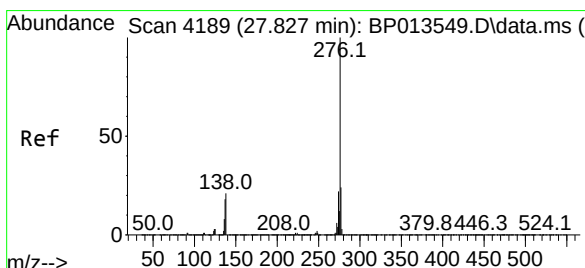
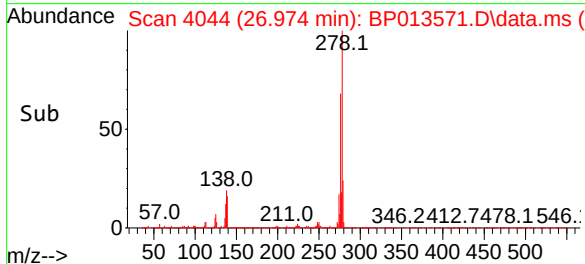
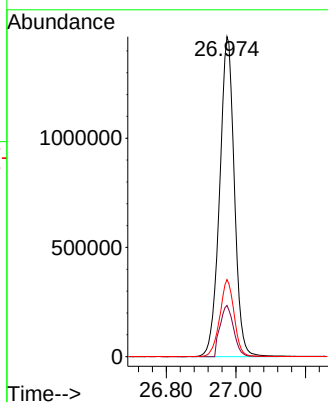
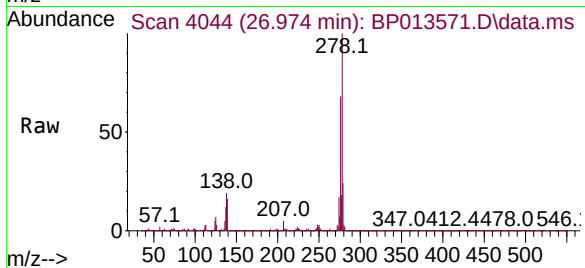
Tgt Ion:278 Resp: 4300120

Ion Ratio Lower Upper

278 100

139 16.0 12.3 18.5

279 24.1 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 34.739 ng

RT: 27.798 min Scan# 4184

Delta R.T. -0.000 min

Lab File: BP013571.D

Acq: 24 Jan 2023 15:13

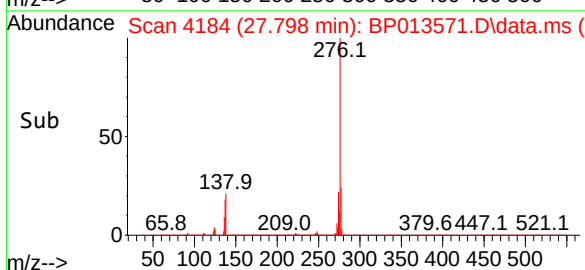
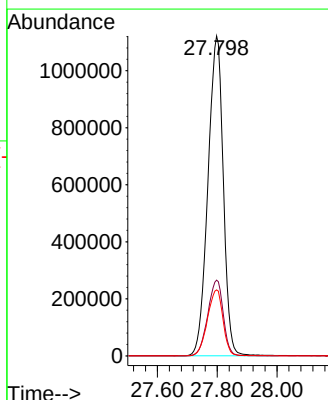
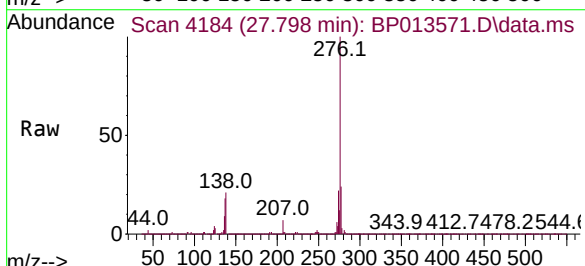
Tgt Ion:276 Resp: 3988636

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.6

138 20.6 16.6 25.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012423\
 Data File : BP013571.D
 Acq On : 24 Jan 2023 15:13
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Jan 25 03:48:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 03:43:27 2023
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	115	0.00
2	1,4-Dioxane	0.471	0.449	4.7	104	0.00
3	Pyridine	1.397	1.371	1.9	106	0.00
4	n-Nitrosodimethylamine	0.632	0.583	7.8	101	0.00
5 S	2-Fluorophenol	1.167	1.147	1.7	107	0.00
6	Aniline	2.110	2.126	-0.8	113	0.00
7 S	Phenol-d6	1.571	1.597	-1.7	113	0.00
8	2-Chlorophenol	1.288	1.323	-2.7	114	0.00
9	Benzaldehyde	0.995	0.888	10.8	111	0.00
10 C	Phenol	1.628	1.651	-1.4	113	0.00
11	bis(2-Chloroethyl)ether	1.331	1.329	0.2	112	0.00
12	1,3-Dichlorobenzene	1.424	1.387	2.6	108	0.00
13 C	1,4-Dichlorobenzene	1.444	1.412	2.2	108	0.00
14	1,2-Dichlorobenzene	1.399	1.367	2.3	109	0.00
15	Benzyl Alcohol	1.122	1.160	-3.4	117	0.00
16	2,2'-oxybis(1-Chloropropane	1.822	1.794	1.5	112	0.00
17	2-Methylphenol	1.182	1.208	-2.2	115	0.00
18	Hexachloroethane	0.483	0.491	-1.7	111	0.00
19 P	n-Nitroso-di-n-propylamine	1.012	1.063	-5.0	119	0.00
20	3+4-Methylphenols	1.556	1.656	-6.4	120	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	127	0.00
22	Acetophenone	0.513	0.490	4.5	117	0.00
23 S	Nitrobenzene-d5	0.303	0.333	-9.9	128	0.00
24	Nitrobenzene	0.326	0.344	-5.5	124	0.00
25	Isophorone	0.719	0.697	3.1	123	0.00
26 C	2-Nitrophenol	0.094	0.142	-51.1#	170#	0.00
27	2,4-Dimethylphenol	0.310	0.311	-0.3	123	0.00
28	bis(2-Chloroethoxy)methane	0.433	0.428	1.2	124	0.00
29 C	2,4-Dichlorophenol	0.285	0.299	-4.9	127	0.00
30	1,2,4-Trichlorobenzene	0.326	0.312	4.3	118	0.00
31	Naphthalene	1.075	1.033	3.9	118	0.00
32	Benzoic acid	0.138	0.185	-34.1#	180#	0.00
33	4-Chloroaniline	0.476	0.475	0.2	125	0.00
34 C	Hexachlorobutadiene	0.189	0.179	5.3	115	0.00
35	Caprolactam	0.093	0.109	-17.2	153#	0.00
36 C	4-Chloro-3-methylphenol	0.311	0.339	-9.0	137	0.00
37	2-Methylnaphthalene	0.764	0.764	0.0	126	0.00
38	1-Methylnaphthalene	0.718	0.716	0.3	127	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	147	0.00
40	1,2,4,5-Tetrachlorobenzene	0.616	0.561	8.9	126	0.00
41 P	Hexachlorocyclopentadiene	0.290	0.295	-1.7	144	0.00
42 S	2,4,6-Tribromophenol	0.201	0.241	-19.9	165#	0.00
43 C	2,4,6-Trichlorophenol	0.360	0.382	-6.1	147	0.00
44	2,4,5-Trichlorophenol	0.426	0.453	-6.3	147	0.00
45 S	2-Fluorobiphenyl	1.457	1.331	8.6	128	0.00
46	1,1'-Biphenyl	1.606	1.480	7.8	129	0.00
47	2-Chloronaphthalene	1.203	1.104	8.2	129	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012423\
 Data File : BP013571.D
 Acq On : 24 Jan 2023 15:13
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Jan 25 03:48:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 03:43:27 2023
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.241	0.326	-35.3#	181#	0.00
49	Acenaphthylene	1.968	1.875	4.7	135	0.00
50	Dimethylphthalate	1.487	1.504	-1.1	147	0.00
51	2,6-Dinitrotoluene	0.240	0.313	-30.4#	174#	0.00
52 C	Acenaphthene	1.216	1.183	2.7	139	0.00
53	3-Nitroaniline	0.275	0.361	-31.3#	176#	0.00
54 P	2,4-Dinitrophenol	0.058	0.118	-103.4#	267#	0.00
55	Dibenzofuran	1.864	1.797	3.6	139	0.00
56 P	4-Nitrophenol	0.212	0.288	-35.8#	185#	0.00
57	2,4-Dinitrotoluene	0.266	0.421	-58.3#	197#	0.00
58	Fluorene	1.482	1.443	2.6	140	0.00
59	2,3,4,6-Tetrachlorophenol	0.327	0.373	-14.1	162#	0.00
60	Diethylphthalate	1.452	1.521	-4.8	154#	0.00
61	4-Chlorophenyl-phenylether	0.729	0.712	2.3	142	0.00
62	4-Nitroaniline	0.265	0.376	-41.9#	178#	0.00
63	Azobenzene	1.411	1.367	3.1	141	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	166#	0.00
65	4,6-Dinitro-2-methylphenol	0.058	0.084	-44.8#	264#	0.00
66 c	n-Nitrosodiphenylamine	0.652	0.591	9.4	146	0.00
67	4-Bromophenyl-phenylether	0.222	0.200	9.9	147	0.00
68	Hexachlorobenzene	0.239	0.222	7.1	152#	0.00
69	Atrazine	0.187	0.197	-5.3	165#	0.00
70 C	Pentachlorophenol	0.139	0.160	-15.1	187#	0.00
71	Phenanthrene	1.113	1.061	4.7	154#	0.00
72	Anthracene	1.129	1.078	4.5	152#	0.00
73	Carbazole	1.015	1.015	0.0	159#	0.00
74	Di-n-butylphthalate	1.130	1.228	-8.7	172#	0.00
75 C	Fluoranthene	1.183	1.251	-5.7	166#	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	183#	0.00
77	Benzydine	0.503	0.576	-14.5	200#	0.00
78	Pyrene	1.529	1.345	12.0	166#	0.00
79 S	Terphenyl-d14	1.112	1.000	10.1	165#	0.00
80	Butylbenzylphthalate	0.487	0.567	-16.4	197#	0.00
81	Benzo(a)anthracene	1.393	1.340	3.8	171#	0.00
82	3,3'-Dichlorobenzidine	0.449	0.464	-3.3	176#	0.00
83	Chrysene	1.333	1.268	4.9	169#	0.00
84	Bis(2-ethylhexyl)phthalate	0.779	0.839	-7.7	189#	0.00
85 c	Di-n-octyl phthalate	1.256	1.423	-13.3	191#	0.00
86 I	Perylene-d12	1.000	1.000	0.0	173#	0.00
87	Indeno(1,2,3-cd)pyrene	1.473	1.333	9.5	145	0.00
88	Benzo(b)fluoranthene	1.230	1.204	2.1	164#	0.00
89	Benzo(k)fluoranthene	1.255	1.230	2.0	168#	0.00
90 C	Benzo(a)pyrene	1.194	1.155	3.3	161#	0.00
91	Dibenzo(a,h)anthracene	1.236	1.129	8.7	147	0.00
92	Benzo(g,h,i)perylene	1.206	1.048	13.1	140	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012423\
Data File : BP013571.D
Acq On : 24 Jan 2023 15:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jan 25 03:48:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 25 03:43:27 2023
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
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(#) = Out of Range

SPCC's out = 0 CCC's out = 1

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012423\
 Data File : BP013571.D
 Acq On : 24 Jan 2023 15:13
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Jan 25 03:48:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 03:43:27 2023
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	115	0.00
2	1,4-Dioxane	40.000	38.145	4.6	104	0.00
3	Pyridine	40.000	39.249	1.9	106	0.00
4	n-Nitrosodimethylamine	40.000	36.923	7.7	101	0.00
5 S	2-Fluorophenol	80.000	78.628	1.7	107	0.00
6	Aniline	40.000	40.287	-0.7	113	0.00
7 S	Phenol-d6	80.000	81.309	-1.6	113	0.00
8	2-Chlorophenol	40.000	41.073	-2.7	114	0.00
9	Benzaldehyde	40.000	35.691	10.8	111	0.00
10 C	Phenol	40.000	40.565	-1.4	113	0.00
11	bis(2-Chloroethyl)ether	40.000	39.929	0.2	112	0.00
12	1,3-Dichlorobenzene	40.000	38.961	2.6	108	0.00
13 C	1,4-Dichlorobenzene	40.000	39.114	2.2	108	0.00
14	1,2-Dichlorobenzene	40.000	39.097	2.3	109	0.00
15	Benzyl Alcohol	40.000	41.352	-3.4	117	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	39.385	1.5	112	0.00
17	2-Methylphenol	40.000	40.871	-2.2	115	0.00
18	Hexachloroethane	40.000	40.653	-1.6	111	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	42.005	-5.0	119	0.00
20	3+4-Methylphenols	40.000	42.571	-6.4	120	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	127	0.00
22	Acetophenone	40.000	38.180	4.6	117	0.00
23 S	Nitrobenzene-d5	80.000	87.889	-9.9	128	0.00
24	Nitrobenzene	40.000	42.241	-5.6	124	0.00
25	Isophorone	40.000	38.819	3.0	123	0.00
26 C	2-Nitrophenol	40.000	48.199	-20.5#	170	0.00
27	2,4-Dimethylphenol	40.000	40.144	-0.4	123	0.00
28	bis(2-Chloroethoxy)methane	40.000	39.512	1.2	124	0.00
29 C	2,4-Dichlorophenol	40.000	41.944	-4.9	127	0.00
30	1,2,4-Trichlorobenzene	40.000	38.366	4.1	118	0.00
31	Naphthalene	40.000	38.438	3.9	118	0.00
32	Benzoic acid	40.000	49.345	-23.4	180	0.00
33	4-Chloroaniline	40.000	39.901	0.2	125	0.00
34 C	Hexachlorobutadiene	40.000	37.868	5.3	115	0.00
35	Caprolactam	40.000	47.340	-18.4	153	0.00
36 C	4-Chloro-3-methylphenol	40.000	43.614	-9.0	137	0.00
37	2-Methylnaphthalene	40.000	39.978	0.1	126	0.00
38	1-Methylnaphthalene	40.000	39.906	0.2	127	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	147	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	36.444	8.9	126	0.00
41 P	Hexachlorocyclopentadiene	40.000	38.629	3.4	144	0.00
42 S	2,4,6-Tribromophenol	80.000	95.975	-20.0	165	0.00
43 C	2,4,6-Trichlorophenol	40.000	42.355	-5.9	147	0.00
44	2,4,5-Trichlorophenol	40.000	42.530	-6.3	147	0.00
45 S	2-Fluorobiphenyl	80.000	73.084	8.6	128	0.00
46	1,1'-Biphenyl	40.000	36.857	7.9	129	0.00
47	2-Chloronaphthalene	40.000	36.698	8.3	129	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012423\
 Data File : BP013571.D
 Acq On : 24 Jan 2023 15:13
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Jan 25 03:48:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 03:43:27 2023
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	43.909	-9.8	181	0.00
49	Acenaphthylene	40.000	38.102	4.7	135	0.00
50	Dimethylphthalate	40.000	40.475	-1.2	147	0.00
51	2,6-Dinitrotoluene	40.000	43.626	-9.1	174	0.00
52 C	Acenaphthene	40.000	38.921	2.7	139	0.00
53	3-Nitroaniline	40.000	43.986	-10.0	176	0.00
54 P	2,4-Dinitrophenol	40.000	56.351	-40.9#	267	0.00
55	Dibenzofuran	40.000	38.570	3.6	139	0.00
56 P	4-Nitrophenol	40.000	47.976	-19.9	185	0.00
57	2,4-Dinitrotoluene	40.000	48.771	-21.9	197	0.00
58	Fluorene	40.000	38.957	2.6	140	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	45.624	-14.1	162	0.00
60	Diethylphthalate	40.000	41.887	-4.7	154	0.00
61	4-Chlorophenyl-phenylether	40.000	39.100	2.2	142	0.00
62	4-Nitroaniline	40.000	47.406	-18.5	178	0.00
63	Azobenzene	40.000	38.742	3.1	141	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	166	0.00
65	4,6-Dinitro-2-methylphenol	40.000	51.694	-29.2#	264	0.00
66 c	n-Nitrosodiphenylamine	40.000	36.261	9.3	146	0.00
67	4-Bromophenyl-phenylether	40.000	36.200	9.5	147	0.00
68	Hexachlorobenzene	40.000	37.067	7.3	152	0.00
69	Atrazine	40.000	42.129	-5.3	165	0.00
70 C	Pentachlorophenol	40.000	42.768	-6.9	187	0.00
71	Phenanthrene	40.000	38.150	4.6	154	0.00
72	Anthracene	40.000	38.194	4.5	152	0.00
73	Carbazole	40.000	40.015	-0.0	159	0.00
74	Di-n-butylphthalate	40.000	43.497	-8.7	172	0.00
75 C	Fluoranthene	40.000	42.274	-5.7	166	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	183	0.00
77	Benzidine	40.000	45.793	-14.5	200	0.00
78	Pyrene	40.000	35.184	12.0	166	0.00
79 S	Terphenyl-d14	80.000	71.980	10.0	165	0.00
80	Butylbenzylphthalate	40.000	46.542	-16.4	197	0.00
81	Benzo(a)anthracene	40.000	38.480	3.8	171	0.00
82	3,3'-Dichlorobenzidine	40.000	41.332	-3.3	176	0.00
83	Chrysene	40.000	38.058	4.9	169	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	43.073	-7.7	189	0.00
85 c	Di-n-octyl phthalate	40.000	45.299	-13.2	191	0.00
86 I	Perylene-d12	20.000	20.000	0.0	173	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	36.191	9.5	145	0.00
88	Benzo(b)fluoranthene	40.000	39.131	2.2	164	0.00
89	Benzo(k)fluoranthene	40.000	39.202	2.0	168	0.00
90 C	Benzo(a)pyrene	40.000	38.718	3.2	161	0.00
91	Dibenzo(a,h)anthracene	40.000	36.557	8.6	147	0.00
92	Benzo(g,h,i)perylene	40.000	34.739	13.2	140	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012423\
Data File : BP013571.D
Acq On : 24 Jan 2023 15:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jan 25 03:48:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 25 03:43:27 2023
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)
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(#) = Out of Range SPCC's out = 0 CCC's out = 1

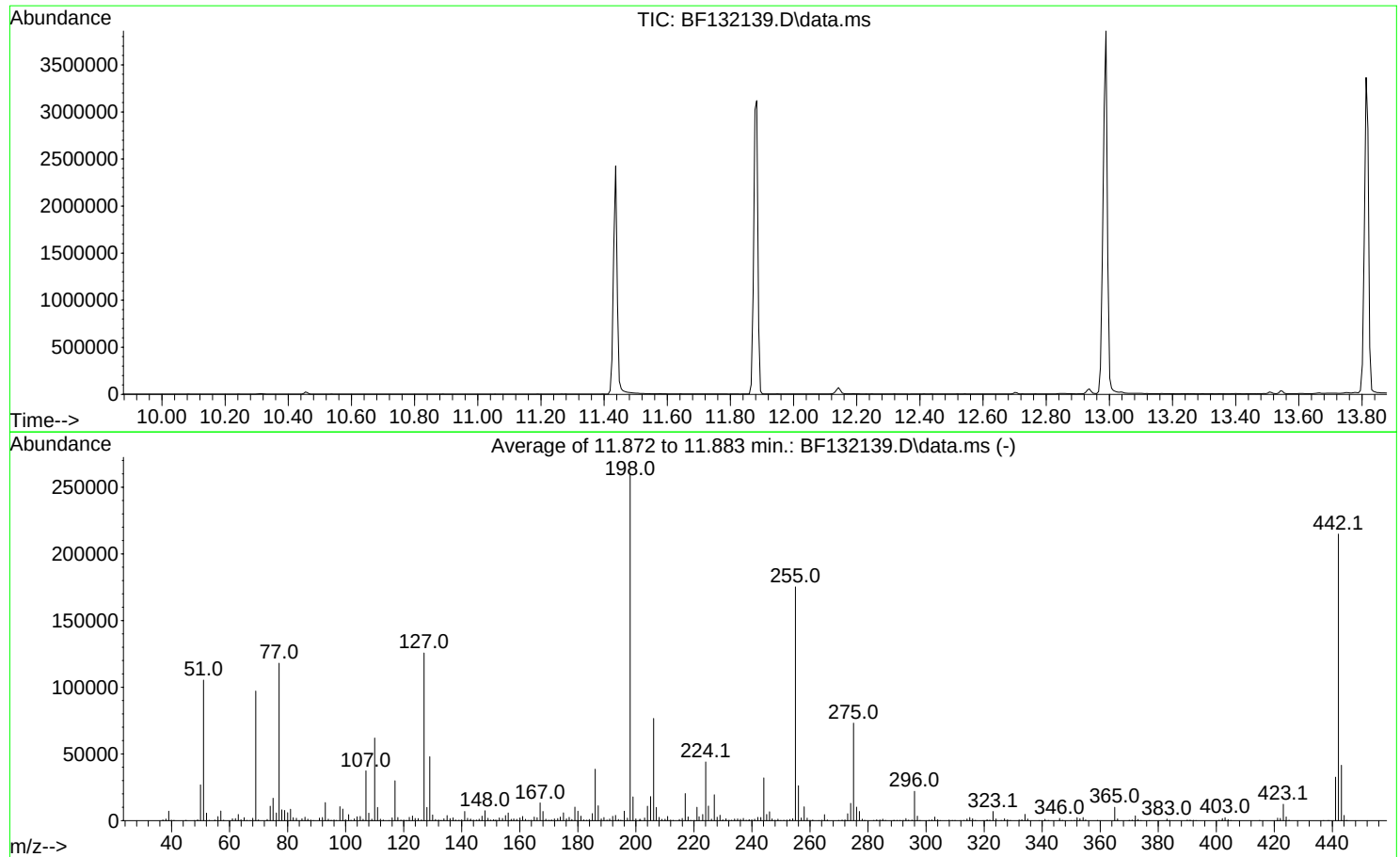
QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011923\
Data File : BF132139.D
Acq On : 19 Jan 2023 10:46
Operator : CG\JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Jan 20 00:50:42 2023



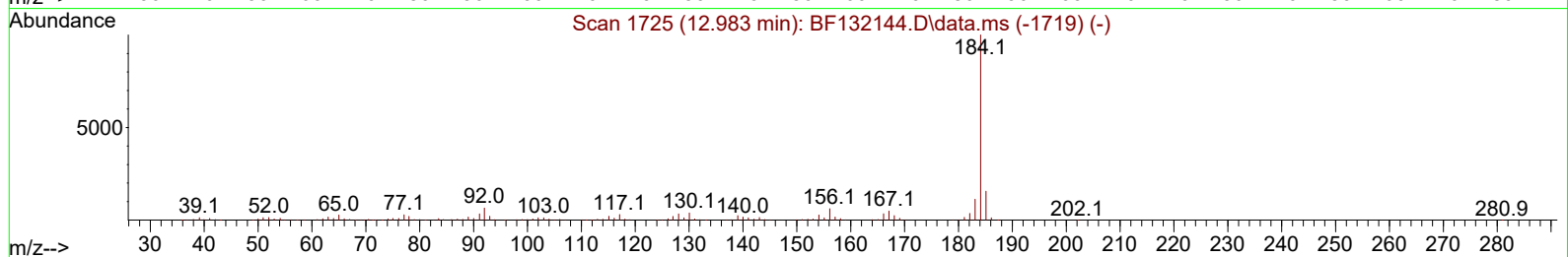
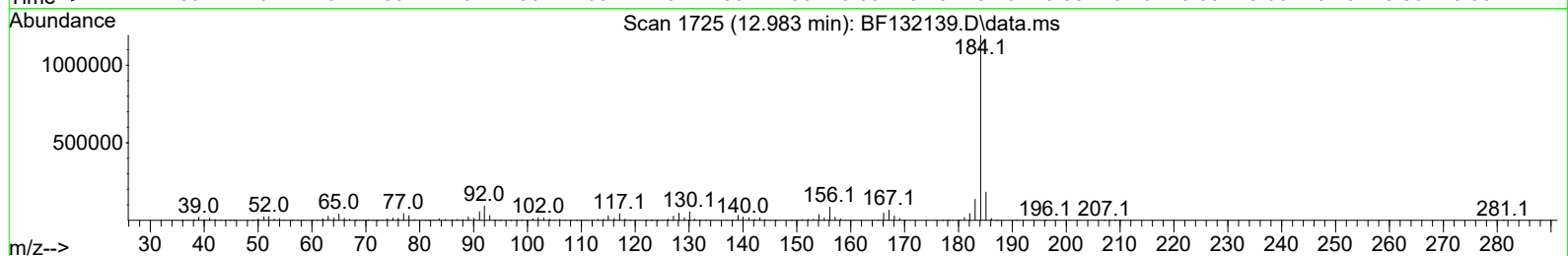
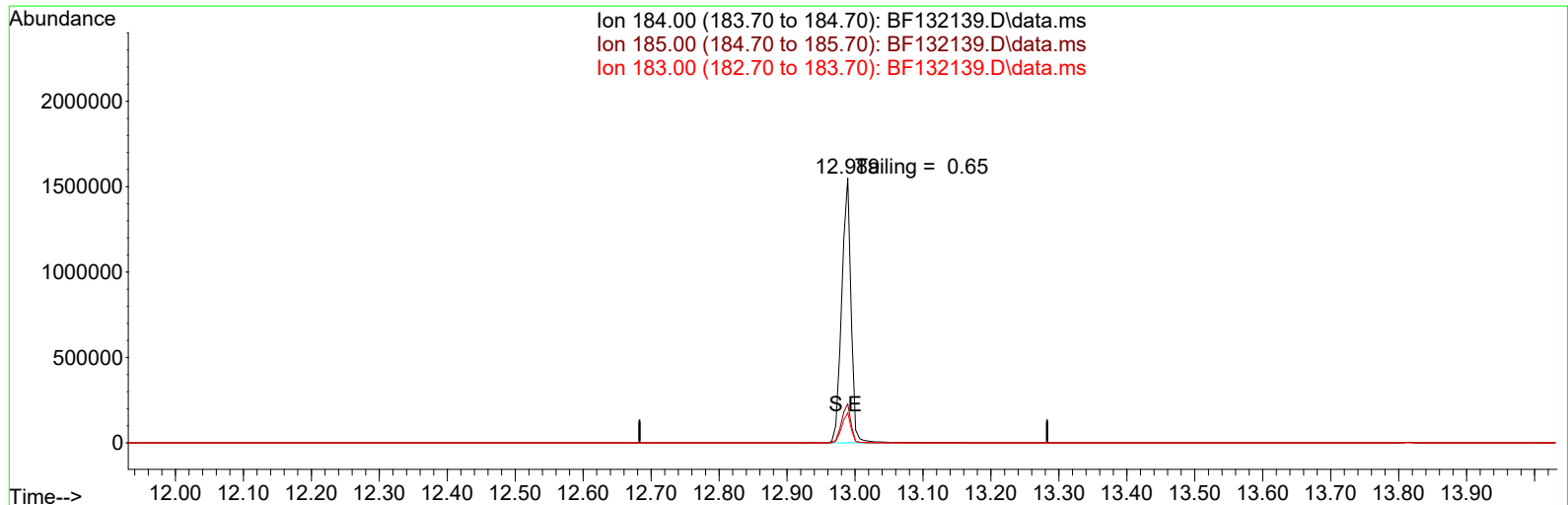
AutoFind: Scans 1536, 1537, 1538; Background Corrected with Scan 1531

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	40.6	105352	PASS
68	69	0.00	2	1.8	1732	PASS
69	198	0.00	100	37.4	97160	PASS
70	69	0.00	2	0.5	531	PASS
127	198	10	80	48.4	125669	PASS
197	198	0.00	2	0.7	1878	PASS
198	198	100	100	100.0	259491	PASS
199	198	5	9	6.8	17763	PASS
275	198	10	60	28.2	73136	PASS
365	198	1	100	3.9	10047	PASS
441	198	0.01	100	12.5	32537	PASS
442	442	50	100	100.0	214824	PASS
443	442	15	24	19.3	41519	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011923\
Data File : BF132139.D
Acq On : 19 Jan 2023 10:46
Operator : CG\JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jan 20 05:07:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 20 00:50:42 2023
Response via : Initial Calibration



TIC: BF132139.D\data.ms

(77) Benzidine

12.983min (-12.983) 0.00 ng

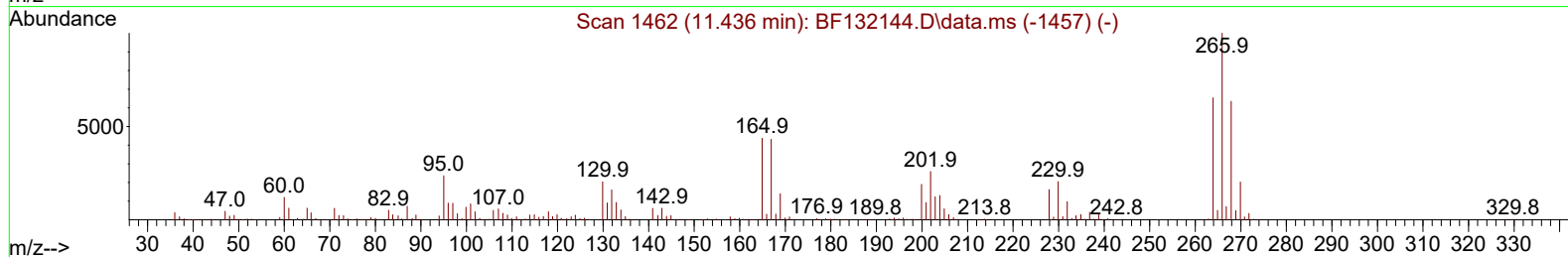
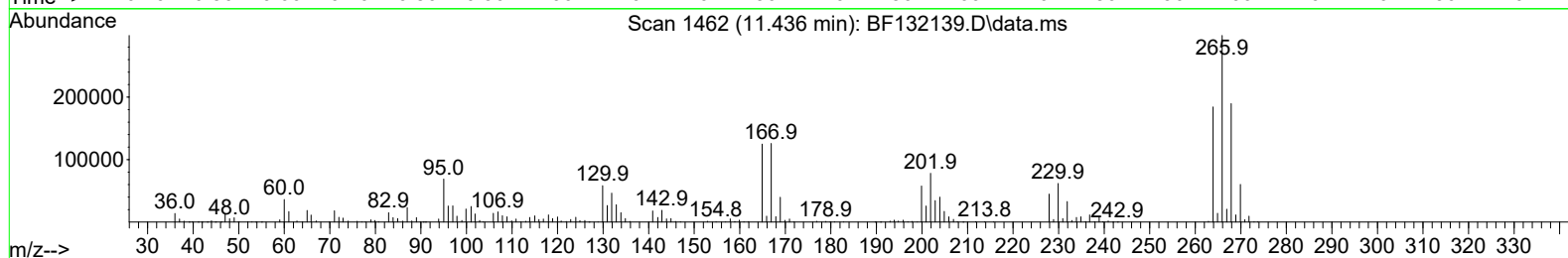
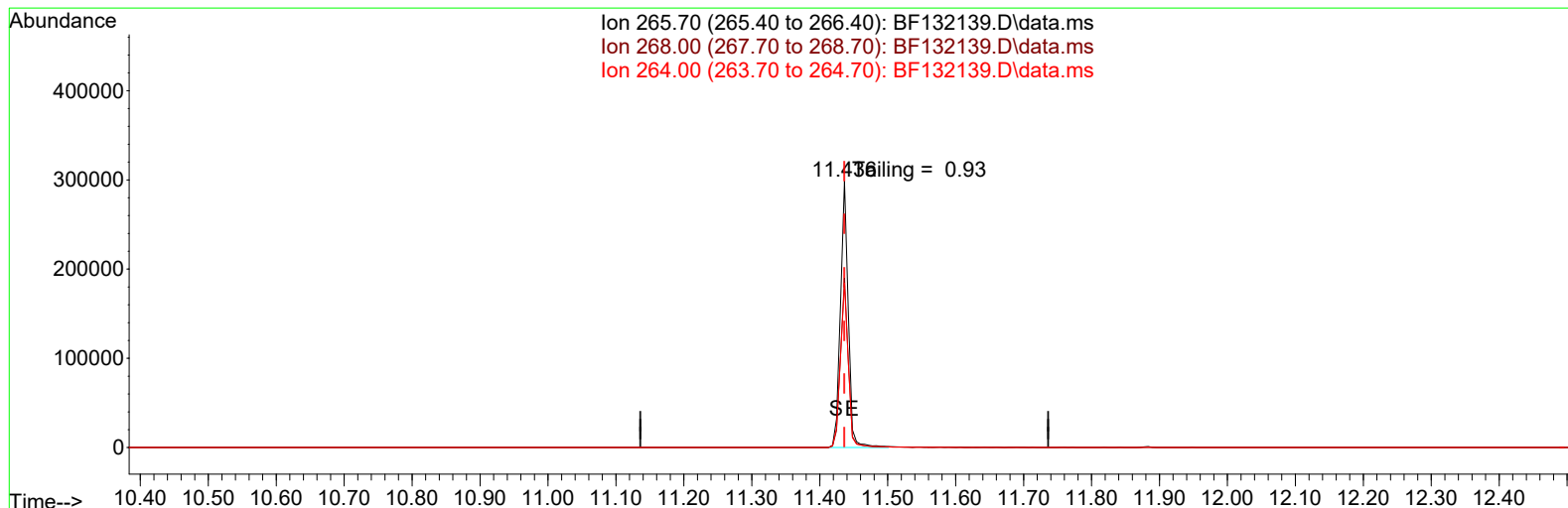
response 0

Ion	Exp%	Act%
184.00	100.00	0.00
185.00	15.60	0.00#
183.00	11.20	0.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011923\
Data File : BF132139.D
Acq On : 19 Jan 2023 10:46
Operator : CG\JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jan 20 05:07:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 20 00:50:42 2023
Response via : Initial Calibration



TIC: BF132139.D\data.ms

(70) Pentachlorophenol (C)

11.436min (+ 0.000) 469730.41 ng

response 241341

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.50	63.47
264.00	65.40	61.76
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
1/19/2023	BNA_F	<u>BF132139.D</u>
Compound Name	Response	Retention Time
DDT	531182	13.813
DDD	6943	13.542
DDE	353	13.172
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
7296	538478	1.35

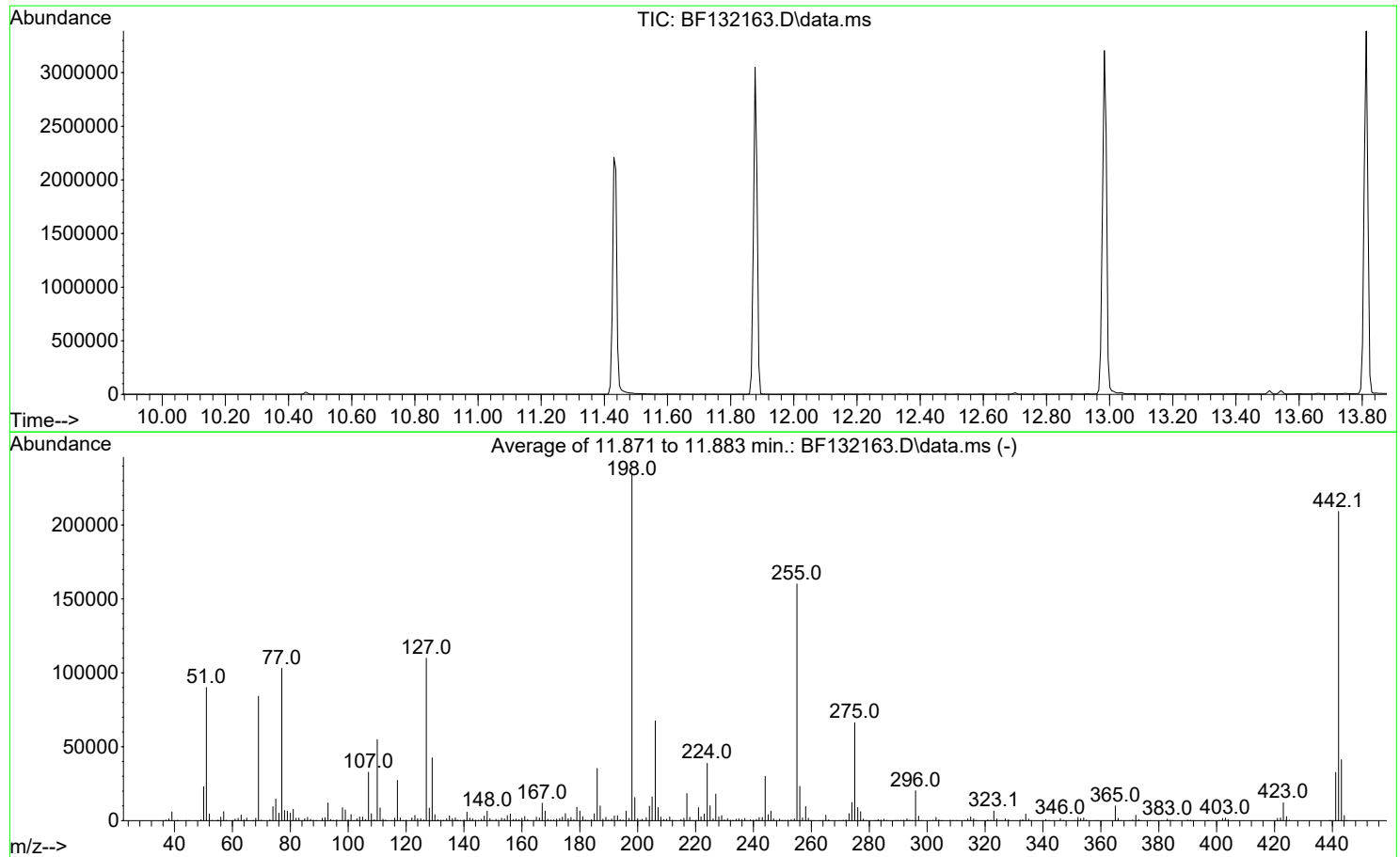
Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
Data File : BF132163.D
Acq On : 20 Jan 2023 16:08
Operator : CG\JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Jan 20 00:50:42 2023



AutoFind: Scans 1536, 1537, 1538; Background Corrected with Scan 1531

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	38.5	90128	PASS
68	69	0.00	2	1.9	1614	PASS
69	198	0.00	100	36.0	84219	PASS
70	69	0.00	2	0.5	412	PASS
127	198	10	80	46.9	109877	PASS
197	198	0.00	2	0.7	1548	PASS
198	198	100	100	100.0	234176	PASS
199	198	5	9	6.7	15675	PASS
275	198	10	60	28.3	66331	PASS
365	198	1	100	4.3	9988	PASS
441	198	0.01	100	13.9	32650	PASS
442	442	50	100	100.0	209173	PASS
443	442	15	24	19.7	41258	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
1/20/2023	BNA_F	<u>BF132163.D</u>
Compound Name	Response	Retention Time
DDT	531722	13.813
DDD	9556	13.507
DDE	599	13.166
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
10155	541877	1.87

Instrument :
BNA_F
ClientSampleId :
DFTPP

Instrument :
BNA_F
ClientSampleId :
DFTPP

Ion 265.70 (265.40 to 266.40): BF132163.D\data.ms
 Ion 268.00 (267.70 to 268.70): BF132163.D\data.ms
 Ion 264.00 (263.70 to 264.70): BF132163.D\data.ms

Abundance

400000

300000

200000

100000

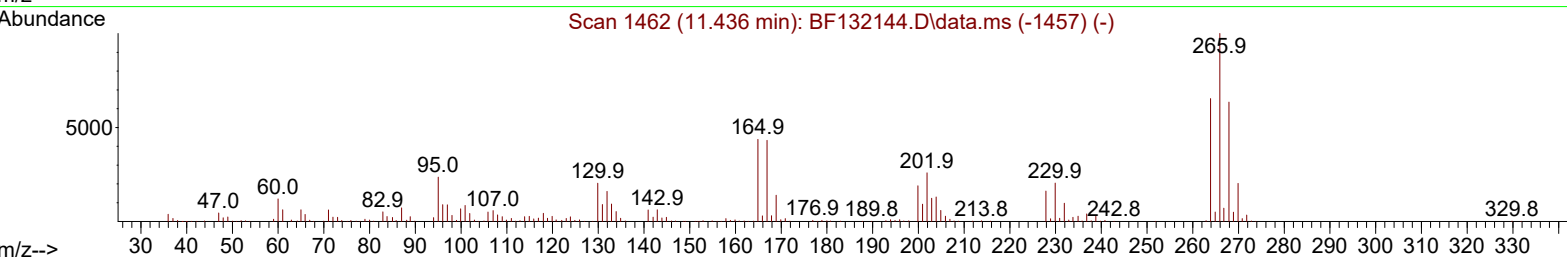
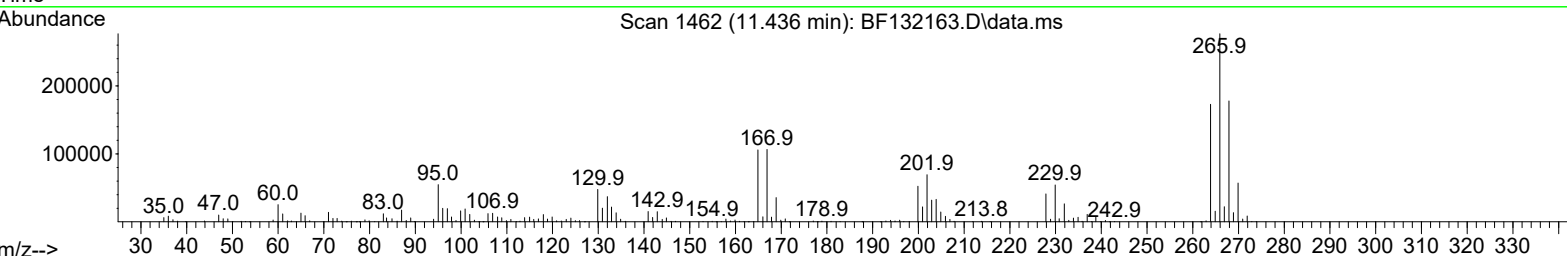
0

Time--> 10.40 10.50 10.60 10.70 10.80 10.90 11.00 11.10 11.20 11.30 11.40 11.50 11.60 11.70 11.80 11.90 12.00 12.10 12.20 12.30 12.40

11.436

Tailing = 0.66

S E



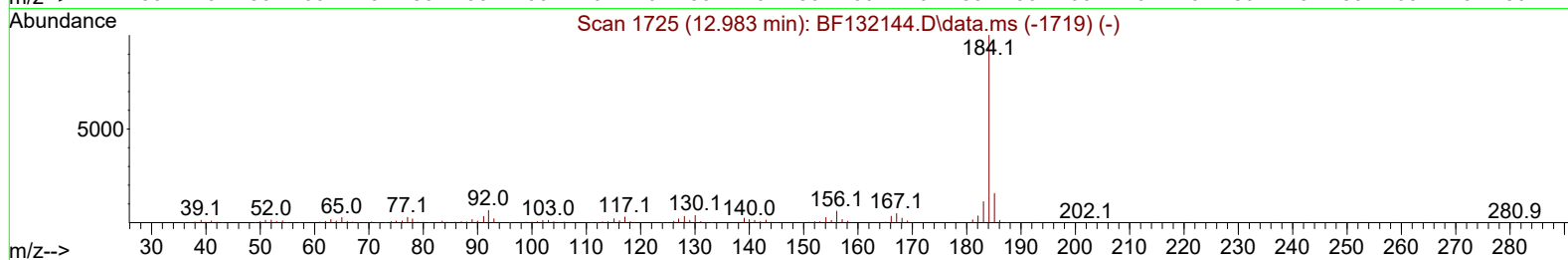
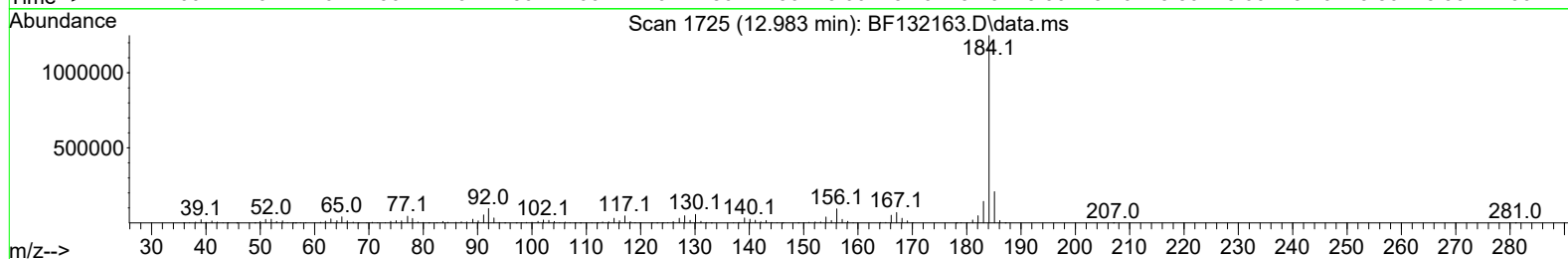
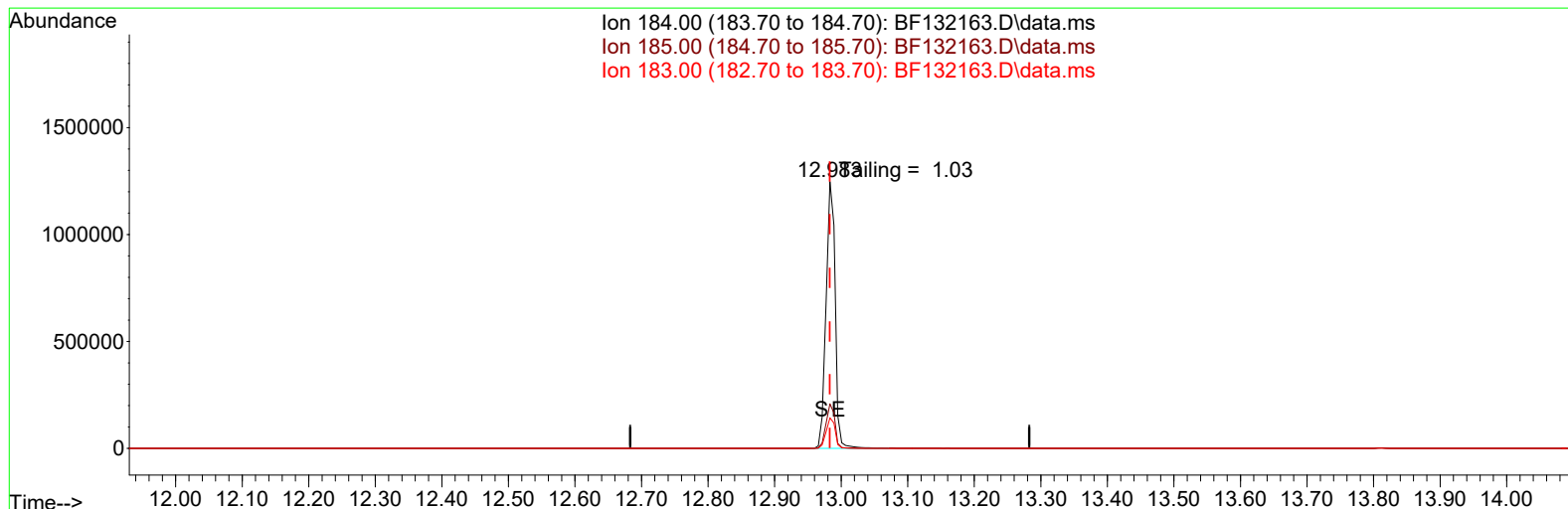
TIC: BF132163.D\data.ms

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.50	64.26
264.00	65.40	62.50
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
Data File : BF132163.D
Acq On : 20 Jan 2023 16:08
Operator : CG\JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jan 21 05:32:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 20 00:50:42 2023
Response via : Initial Calibration



TIC: BF132163.D\data.ms

(77) Benzidine

12.983min (+ 0.000) 697715.54 ng

response 1194065

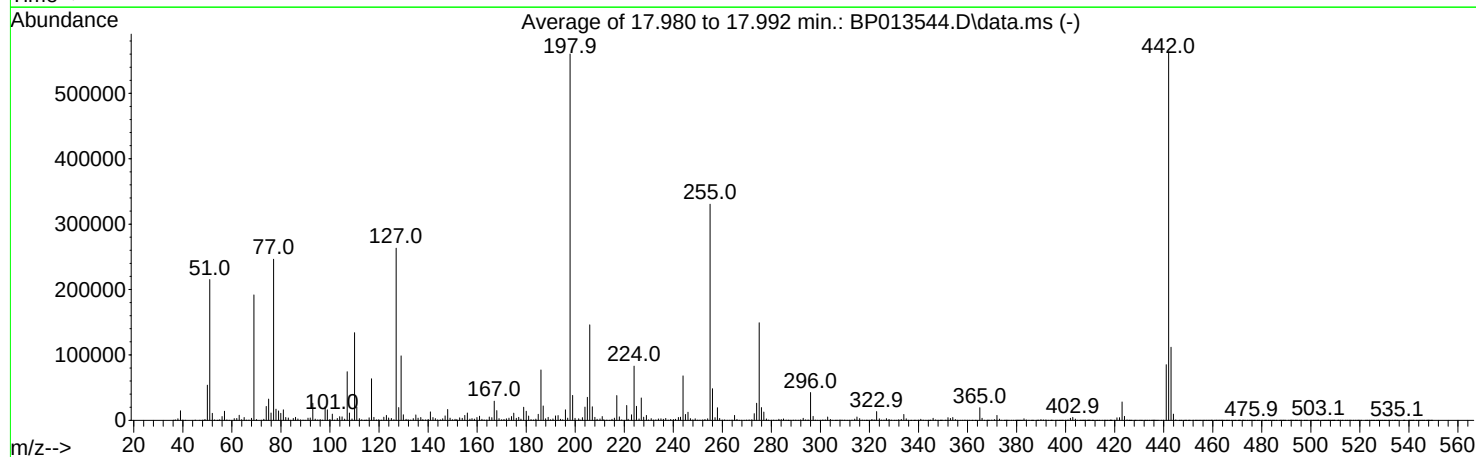
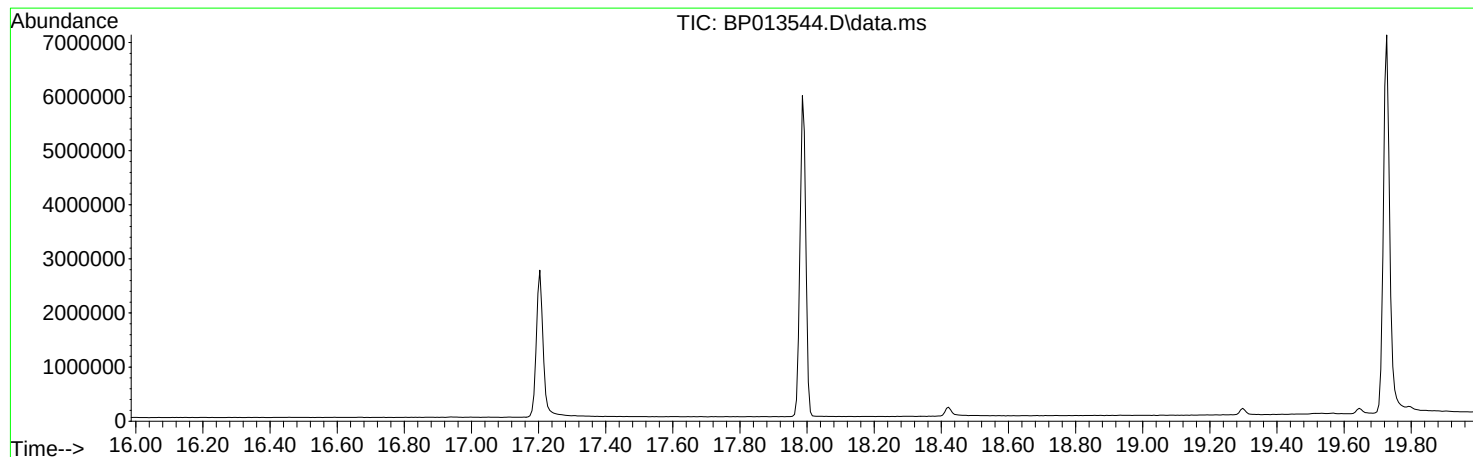
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.60	16.72
183.00	11.20	11.48
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
Data File : BP013544.D
Acq On : 23 Jan 2023 10:51
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Jan 24 04:44:15 2023



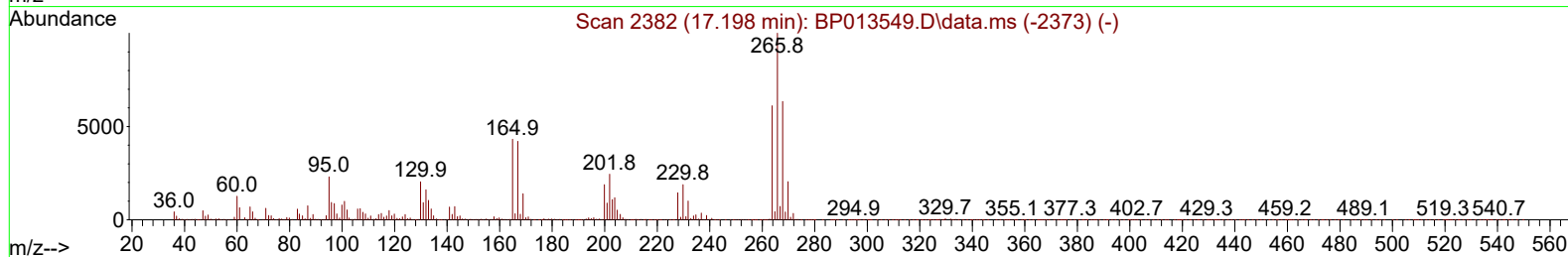
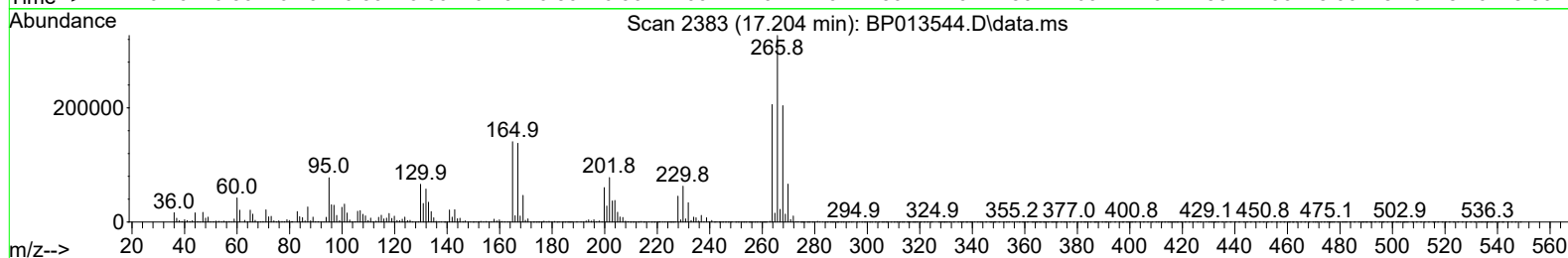
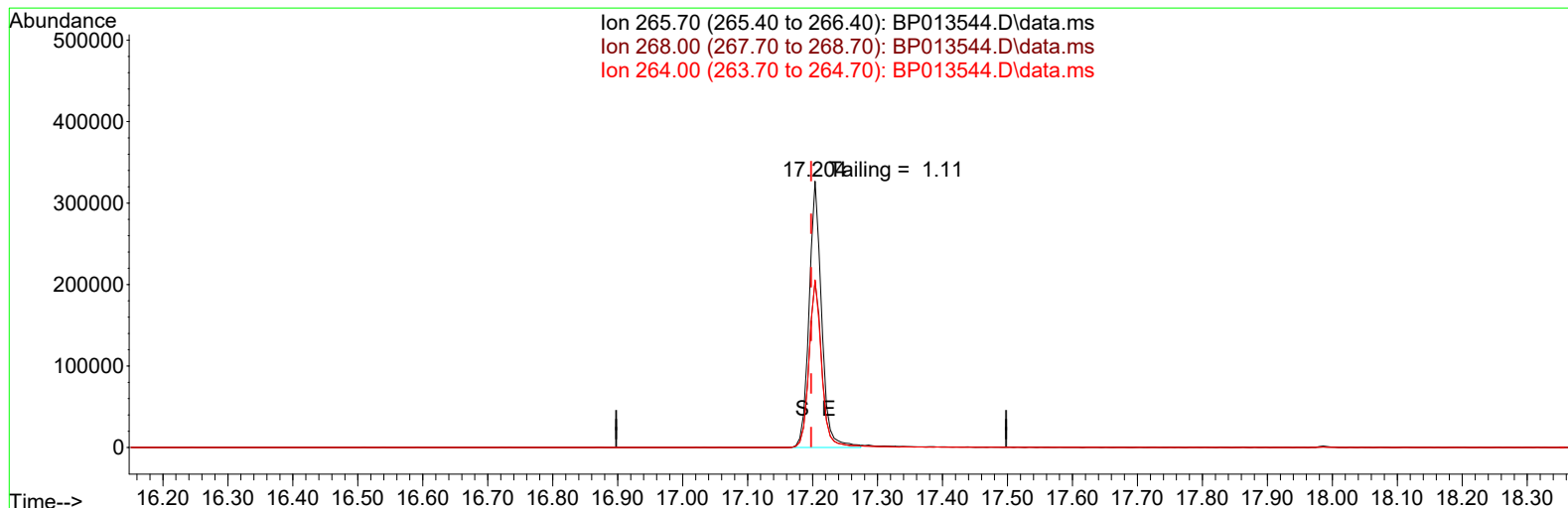
AutoFind: Scans 2515, 2516, 2517; Background Corrected with Scan 2505

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	38.4	215161	PASS
68	69	0.00	2	1.7	3171	PASS
69	198	0.00	100	34.2	191778	PASS
70	69	0.00	2	0.6	1101	PASS
127	198	10	80	47.0	263314	PASS
197	198	0.00	2	0.6	3272	PASS
198	198	100	100	100.0	560212	PASS
199	198	5	9	6.8	37959	PASS
275	198	10	60	26.6	149212	PASS
365	198	1	100	3.4	19282	PASS
441	198	0.01	100	15.2	85136	PASS
442	442	100	100	100.0	562603	PASS
443	442	15	24	19.9	111780	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
Data File : BP013544.D
Acq On : 23 Jan 2023 10:51
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jan 24 06:33:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 04:44:15 2023
Response via : Initial Calibration



TIC: BP013544.D\data.ms

(70) Pentachlorophenol (C)

17.204min (+ 0.006) 143380.43 ng

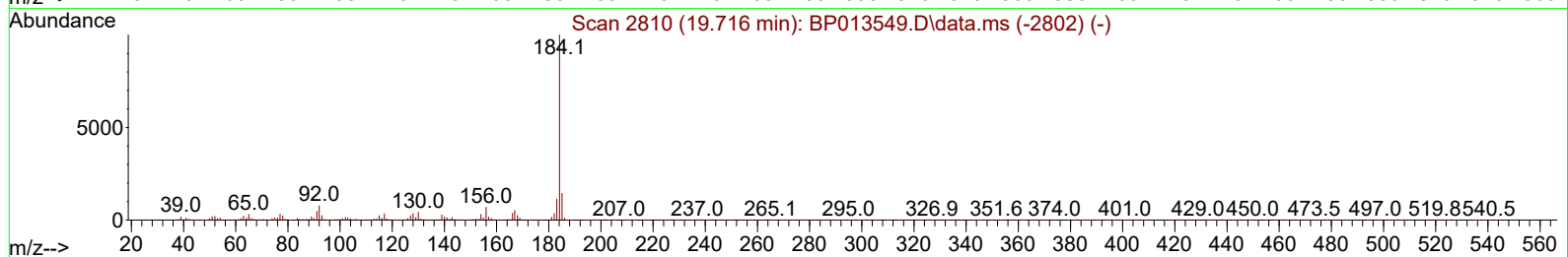
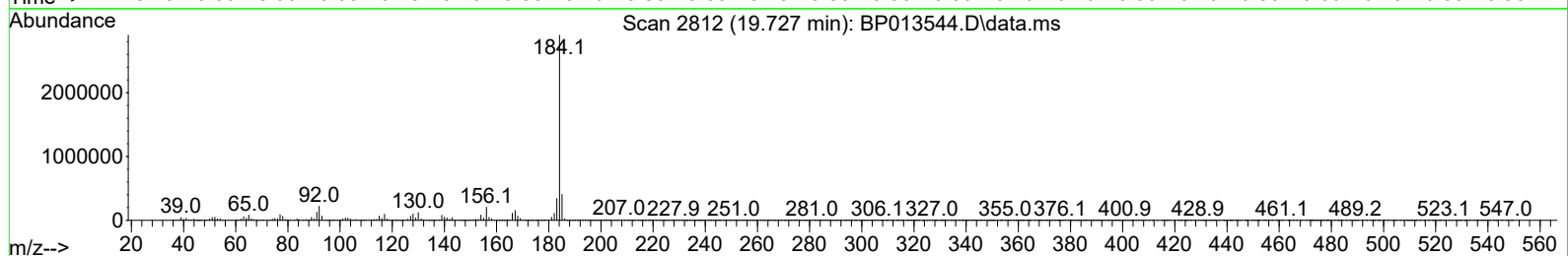
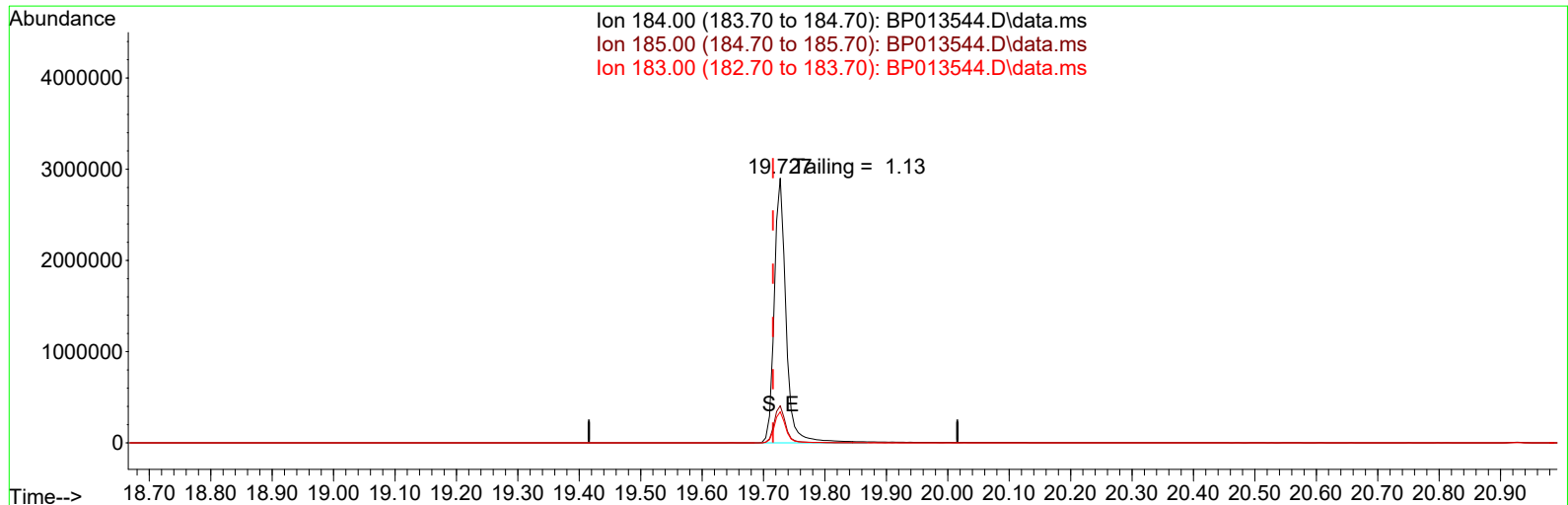
response 446504

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.40	62.40
264.00	61.10	62.99
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
Data File : BP013544.D
Acq On : 23 Jan 2023 10:51
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jan 24 06:33:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 04:44:15 2023
Response via : Initial Calibration



TIC: BP013544.D\data.ms

(77) Benzidine

19.727min (+ 0.011) 235734.26 ng

response 3930835

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.04
183.00	11.30	11.74
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
1/23/2023	BNA_P	<u>BP013544.D</u>
Compound Name	Response	Retention Time
DDT	1143440	20.927
DDD	15344	20.551
DDE	848	19.998
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
16192	1159632	1.40

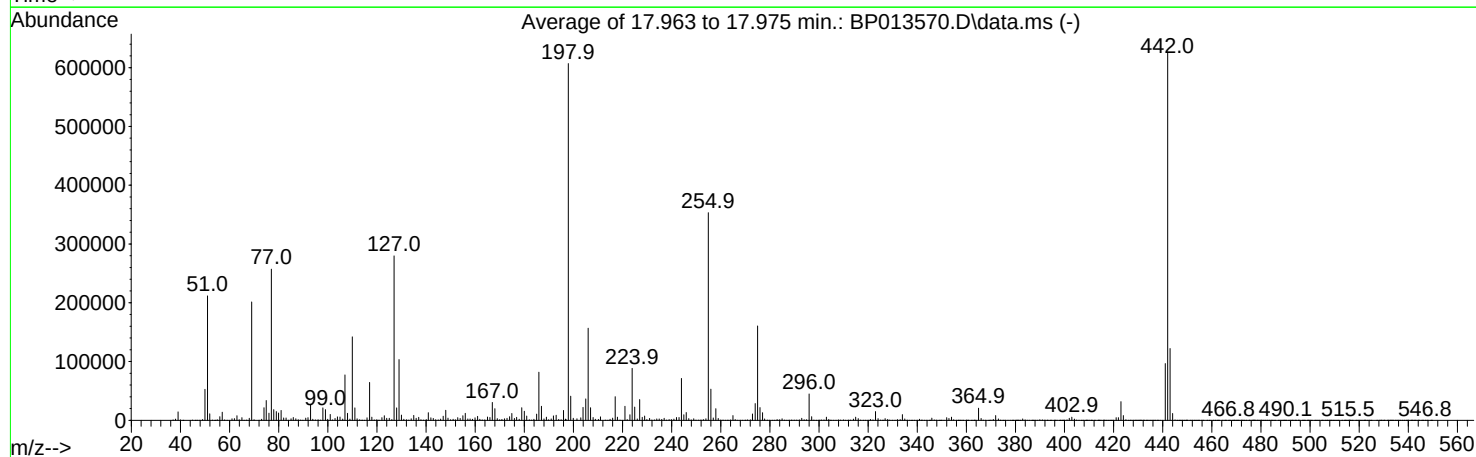
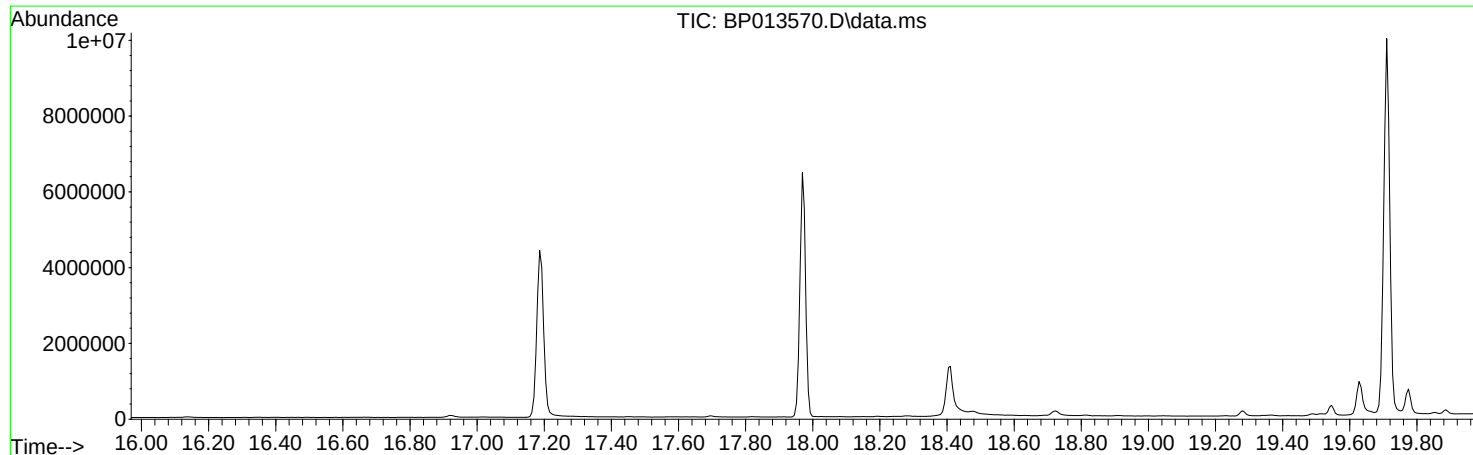
Instrument :
BNA_P
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012423\
Data File : BP013570.D
Acq On : 24 Jan 2023 14:38
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Jan 25 03:43:27 2023



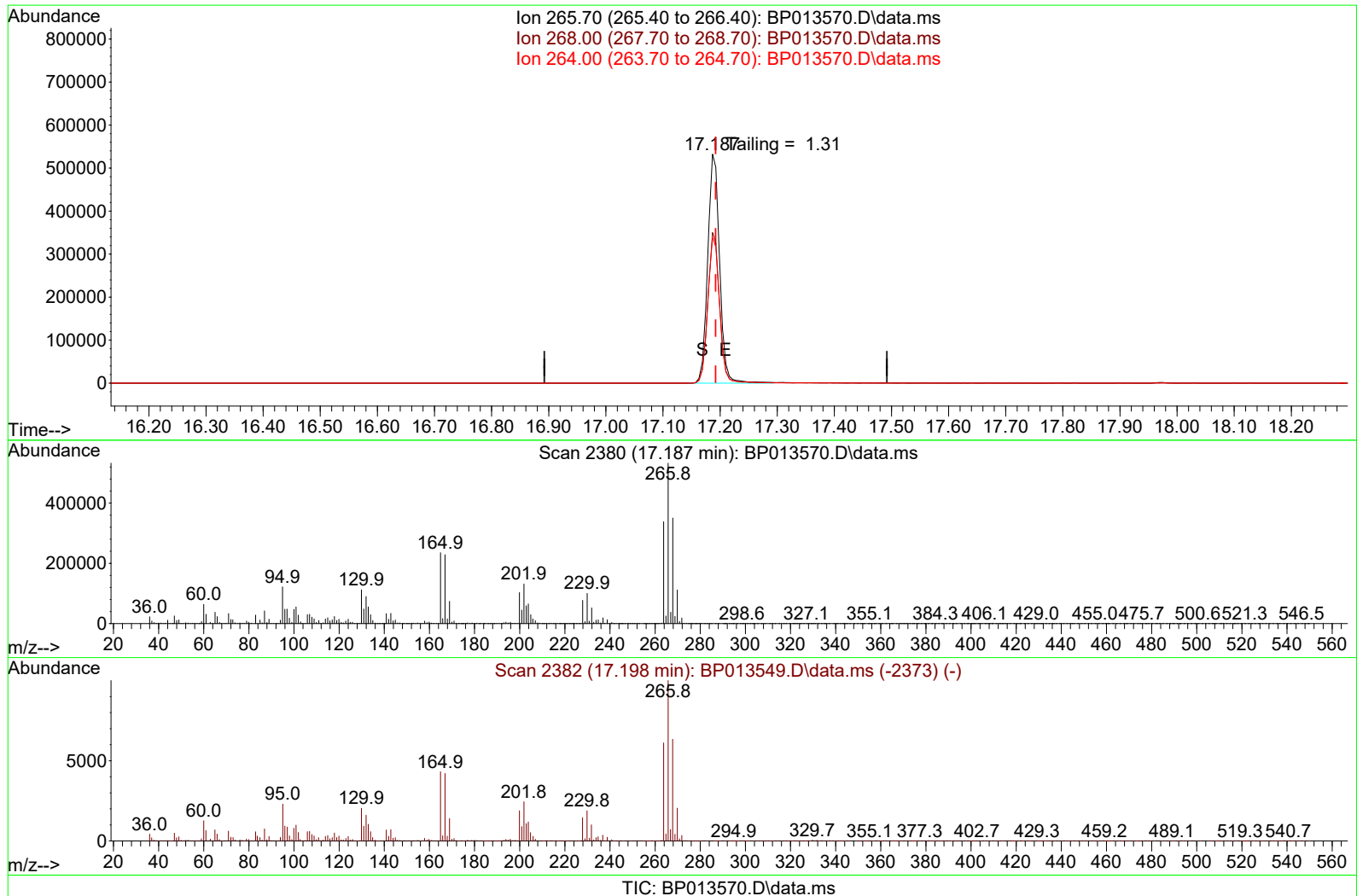
AutoFind: Scans 2512, 2513, 2514; Background Corrected with Scan 2502

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	34.9	211597	PASS
68	69	0.00	2	1.7	3424	PASS
69	198	0.00	100	33.2	201447	PASS
70	69	0.00	2	0.5	1018	PASS
127	198	10	80	46.1	279631	PASS
197	198	0.00	2	0.4	2190	PASS
198	198	100	100	100.0	607125	PASS
199	198	5	9	6.8	41023	PASS
275	198	10	60	26.4	160504	PASS
365	198	1	100	3.4	20609	PASS
441	198	0.01	100	15.9	96521	PASS
442	442	100	100	100.0	625920	PASS
443	442	15	24	19.5	122139	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012423\
 Data File : BP013570.D
 Acq On : 24 Jan 2023 14:38
 Operator : CG/JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DFTPP

Quant Time: Jan 25 05:55:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 03:43:27 2023
 Response via : Initial Calibration



TIC: BP013570.D\data.ms

(70) Pentachlorophenol (C)

17.187min (-0.006) 3605533.60 ng

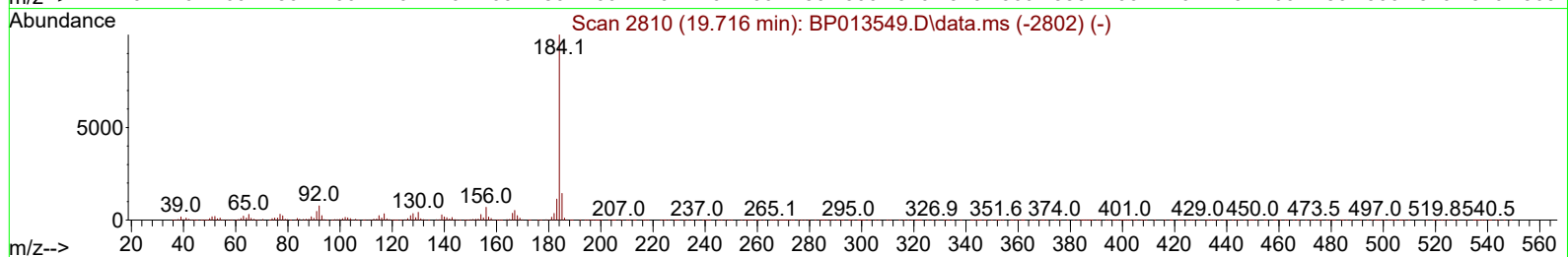
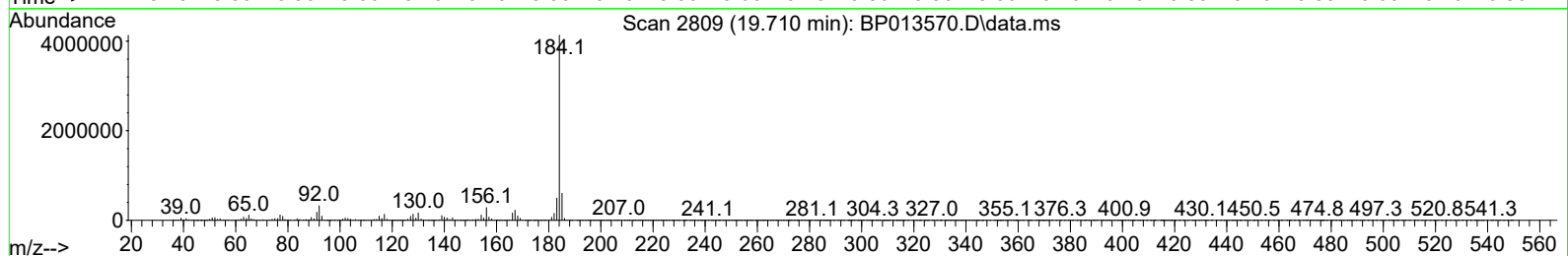
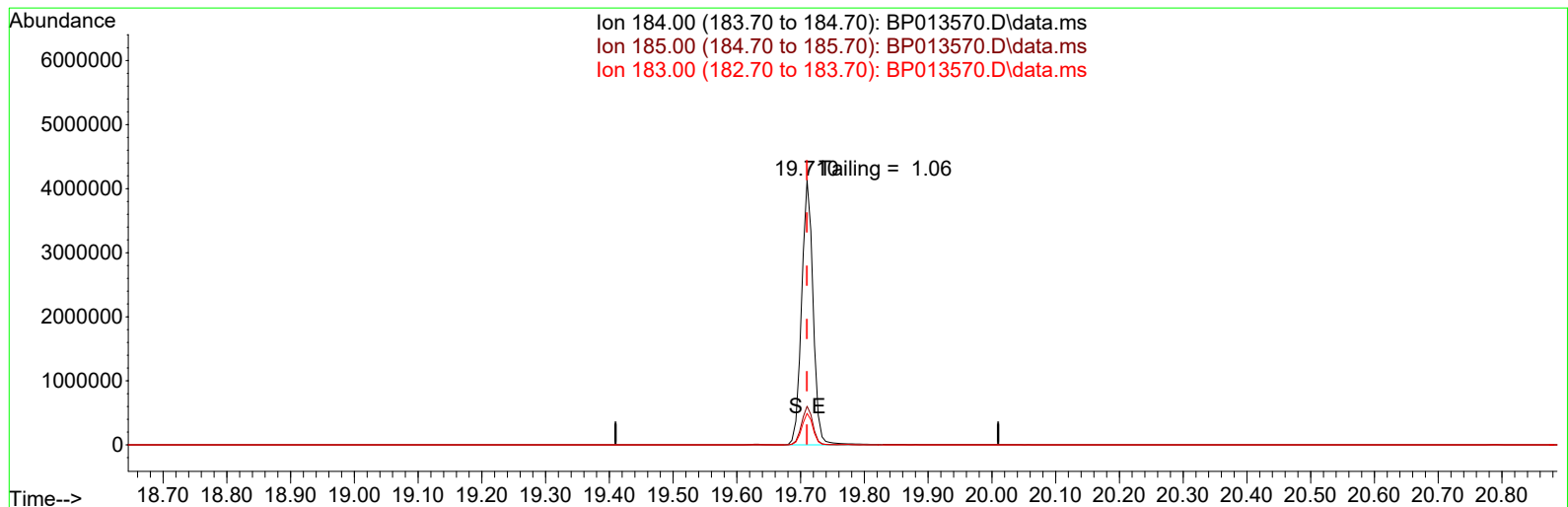
response 771186

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.40	65.77
264.00	61.10	63.50
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012423\
Data File : BP013570.D
Acq On : 24 Jan 2023 14:38
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jan 25 05:55:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 25 03:43:27 2023
Response via : Initial Calibration



TIC: BP013570.D\data.ms

(77) Benzidine

19.710min (-0.000) 7395893.28 ng

response 5208315

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.60
183.00	11.30	11.97
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
1/24/2023	BNA_P	<u>BP013570.D</u>
Compound Name	Response	Retention Time
DDT	2182546	20.91
DDD	31504	20.533
DDE	1321	19.986
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
32825	2215371	1.48

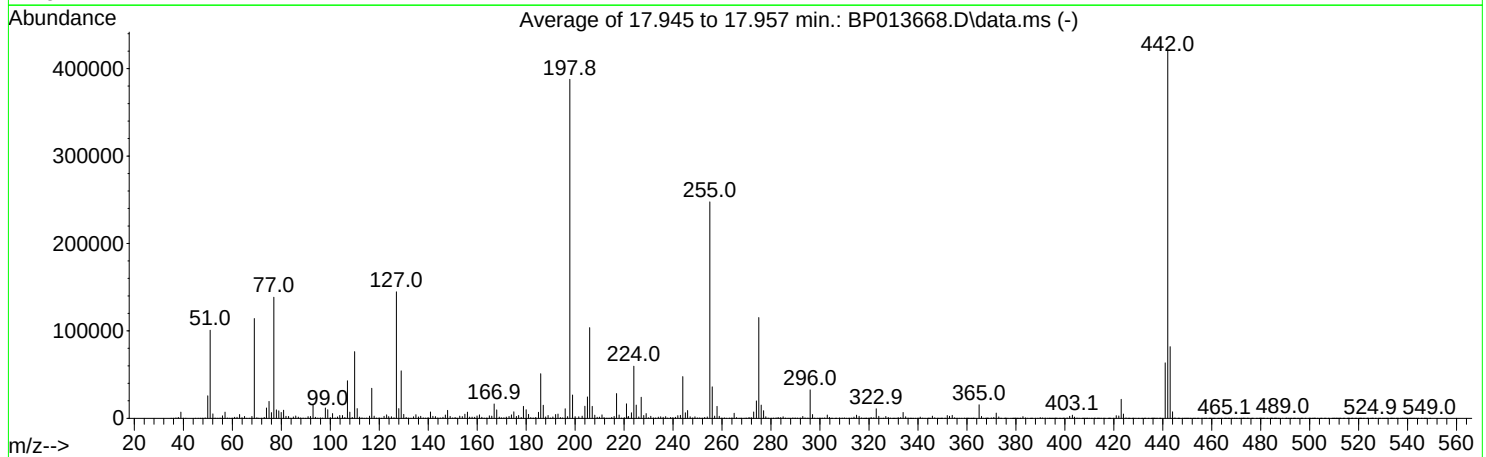
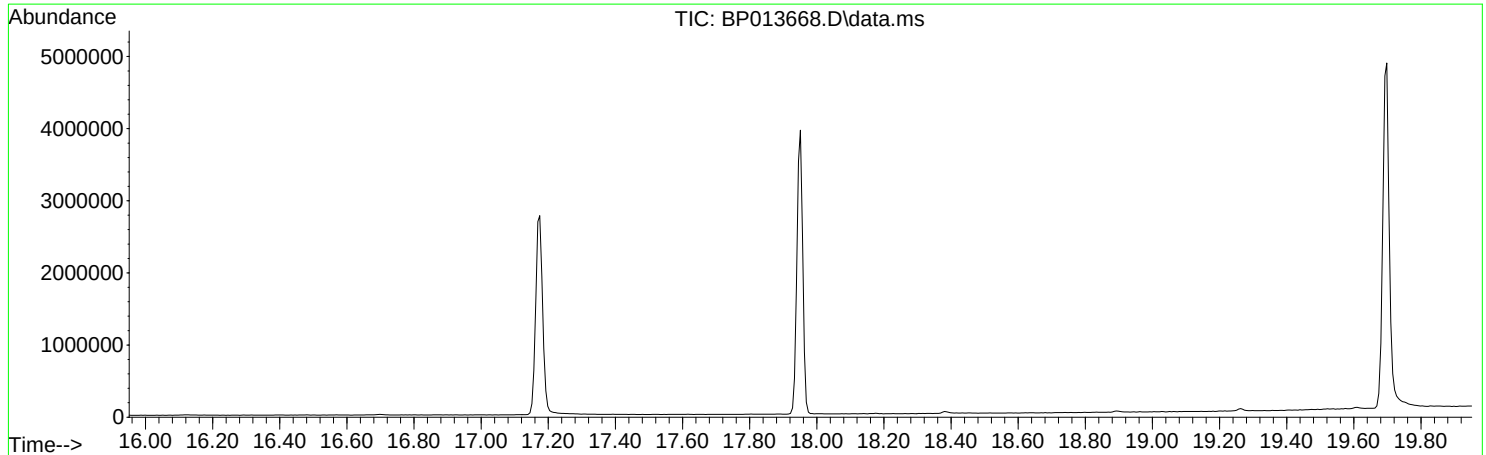
Instrument :
BNA_P
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
Data File : BP013668.D
Acq On : 31 Jan 2023 10:47
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Feb 01 03:43:48 2023



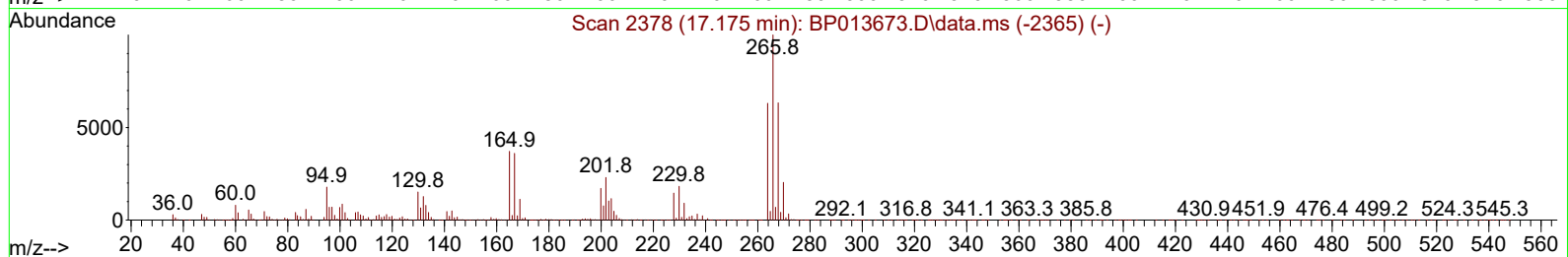
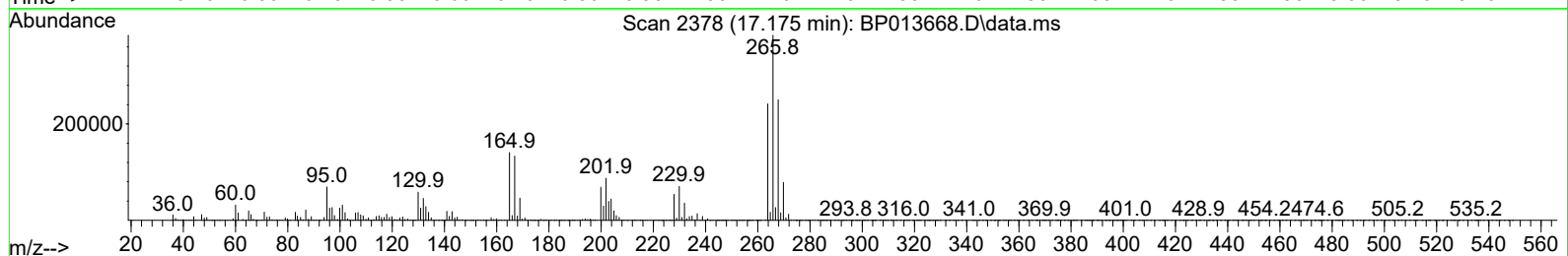
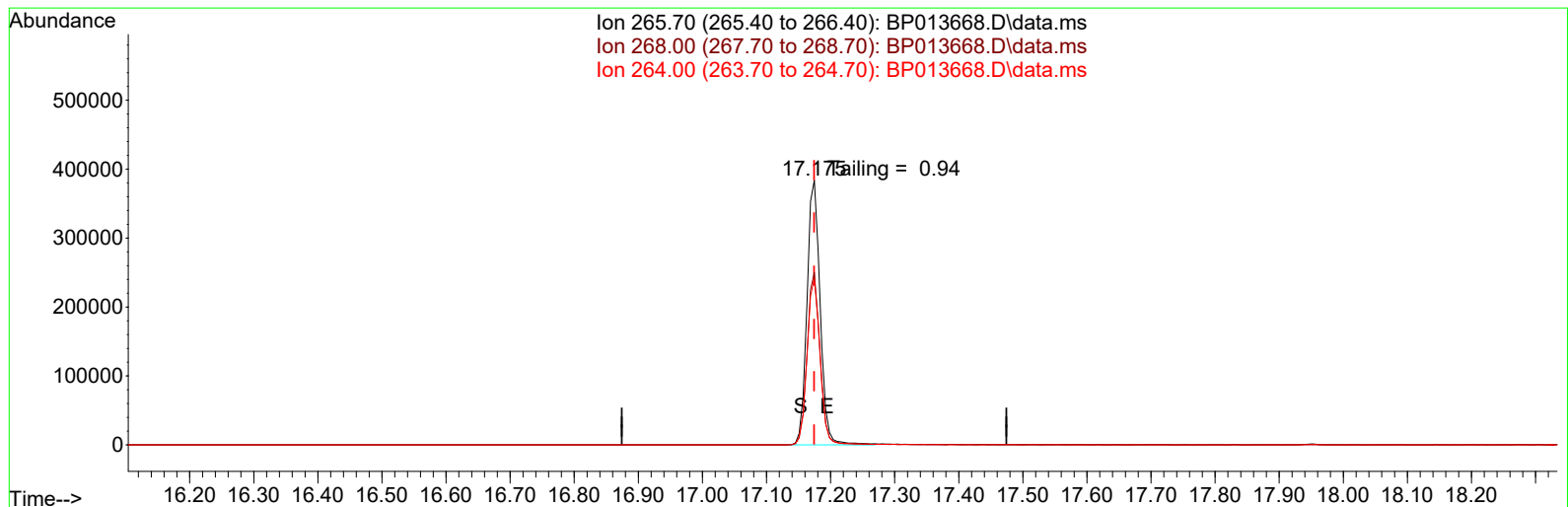
AutoFind: Scans 2509, 2510, 2511; Background Corrected with Scan 2500

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	26.0	100852	PASS
68	69	0.00	2	1.8	2052	PASS
69	198	0.00	100	29.4	114090	PASS
70	69	0.00	2	0.6	711	PASS
127	198	10	80	37.3	144733	PASS
197	198	0.00	2	0.5	1900	PASS
198	198	100	100	100.0	387796	PASS
199	198	5	9	6.8	26563	PASS
275	198	10	60	29.7	115181	PASS
365	198	1	100	4.0	15400	PASS
441	198	0.01	100	16.4	63451	PASS
442	442	100	100	100.0	420821	PASS
443	442	15	24	19.5	81981	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
Data File : BP013668.D
Acq On : 31 Jan 2023 10:47
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Feb 01 08:00:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 03:43:48 2023
Response via : Initial Calibration



TIC: BP013668.D\data.ms

(70) Pentachlorophenol (C)

17.175min (+ 0.000) 2464284.36 ng

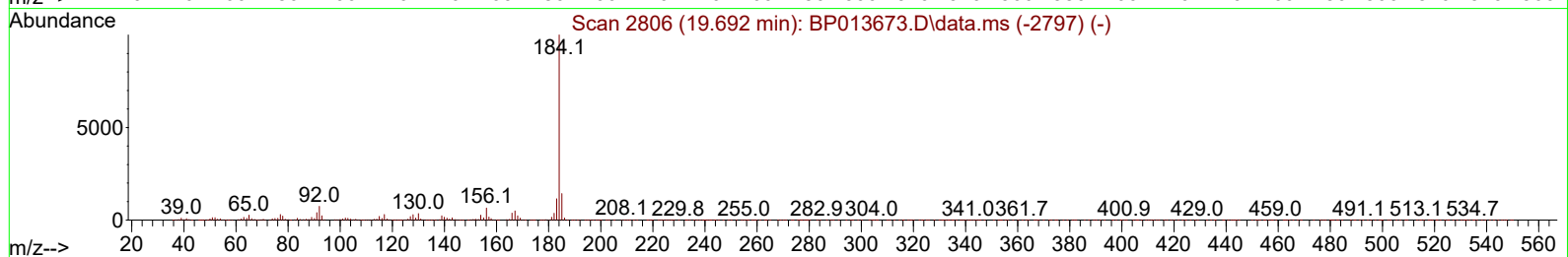
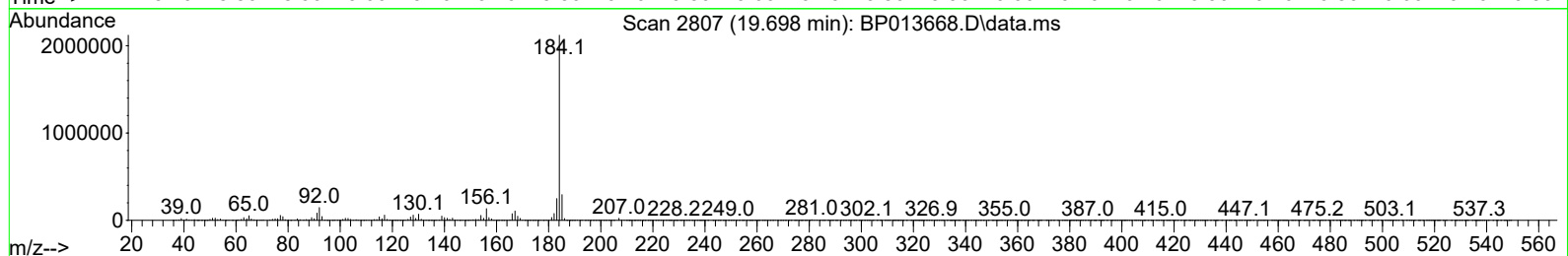
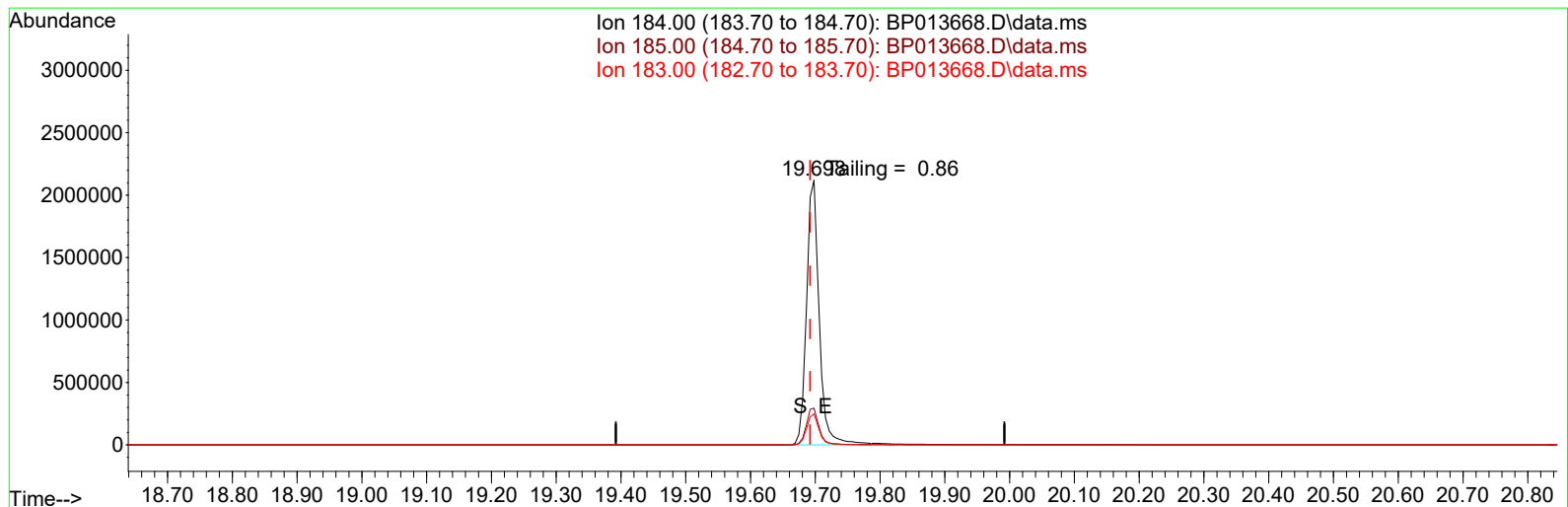
response 553780

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.40	65.07
264.00	63.10	62.91
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
Data File : BP013668.D
Acq On : 31 Jan 2023 10:47
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Feb 01 08:00:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 03:43:48 2023
Response via : Initial Calibration



TIC: BP013668.D\data.ms

(77) Benzidine

19.698min (+ 0.006) 2755273.69 ng

response 2916120

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.30	13.90
183.00	11.50	11.72
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
1/31/2023	BNA_P	<u>BP013668.D</u>
Compound Name	Response	Retention Time
DDT	1142397	20.892
DDD	9738	20.516
DDE	557	19.969
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
10295	1152692	0.89

Instrument :
BNA_P
ClientSampleId :
DFTPP



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	Louis Berger U.S., Inc., A WSP Company		Date Collected:	
Project:	NYCDDC Phase II SCI Arthur Kill Road CEQR		Date Received:	
Client Sample ID:	PB150378BL		SDG No.:	O1232
Lab Sample ID:	PB150378BL		Matrix:	SOIL
Analytical Method:	SW8270		% Solid:	100
Sample Wt/Vol:	30.01	Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOC-PAH
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP013572.D	1	01/20/23 12:30	01/24/23 15:50	PB150378

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	73.9	U	73.9	170	ug/Kg
208-96-8	Acenaphthylene	68.7	U	68.7	170	ug/Kg
83-32-9	Acenaphthene	78.9	U	78.9	170	ug/Kg
86-73-7	Fluorene	78.8	U	78.8	170	ug/Kg
85-01-8	Phenanthrene	83.6	U	83.6	170	ug/Kg
120-12-7	Anthracene	84.0	U	84.0	170	ug/Kg
206-44-0	Fluoranthene	79.8	U	79.8	170	ug/Kg
129-00-0	Pyrene	74.2	U	74.2	170	ug/Kg
56-55-3	Benzo(a)anthracene	86.8	U	86.8	170	ug/Kg
218-01-9	Chrysene	85.5	U	85.5	170	ug/Kg
205-99-2	Benzo(b)fluoranthene	69.0	U	69.0	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	73.6	U	73.6	170	ug/Kg
50-32-8	Benzo(a)pyrene	67.7	U	67.7	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	U	100	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	96.9	U	96.9	170	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	78.9		27 - 109	79%	SPK: 100
321-60-8	2-Fluorobiphenyl	67.6		30 - 103	68%	SPK: 100
1718-51-0	Terphenyl-d14	70.3		21 - 107	70%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	291000	8.163			
1146-65-2	Naphthalene-d8	1300000	10.993			
15067-26-2	Acenaphthene-d10	838000	14.798			
1517-22-2	Phenanthrene-d10	1910000	17.551			
1719-03-5	Chrysene-d12	1880000	21.627			
1520-96-3	Perylene-d12	2130000	24.216			



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	Louis Berger U.S., Inc., A WSP Company		Date Collected:	
Project:	NYCDDC Phase II SCI Arthur Kill Road CEQR		Date Received:	
Client Sample ID:	PB150378BL		SDG No.:	O1232
Lab Sample ID:	PB150378BL		Matrix:	SOIL
Analytical Method:	SW8270		% Solid:	100
Sample Wt/Vol:	30.01	Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOC-PAH
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP013572.D	1	01/20/23 12:30	01/24/23 15:50	PB150378

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	------------	-------

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012423\
 Data File : BP013572.D
 Acq On : 24 Jan 2023 15:50
 Operator : CG/JU
 Sample : PB150378BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB150378BL

Quant Time: Jan 25 03:48:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 03:43:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.163	152	291029	20.000	ng	0.00
21) Naphthalene-d8	10.993	136	1295644	20.000	ng	0.00
39) Acenaphthene-d10	14.798	164	837908	20.000	ng	0.00
64) Phenanthrene-d10	17.551	188	1910080	20.000	ng	0.00
76) Chrysene-d12	21.627	240	1883137	20.000	ng	0.00
86) Perylene-d12	24.216	264	2131871	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	2167893	127.629	ng	0.00
7) Phenol-d6	7.305	99	2853606	124.825	ng	0.00
23) Nitrobenzene-d5	9.334	82	1547543	78.852	ng	0.00
42) 2,4,6-Tribromophenol	16.287	330	1103809	131.334	ng	0.00
45) 2-Fluorobiphenyl	13.428	172	4129364	67.647	ng	0.00
79) Terphenyl-d14	20.080	244	7359540	70.307	ng	0.00

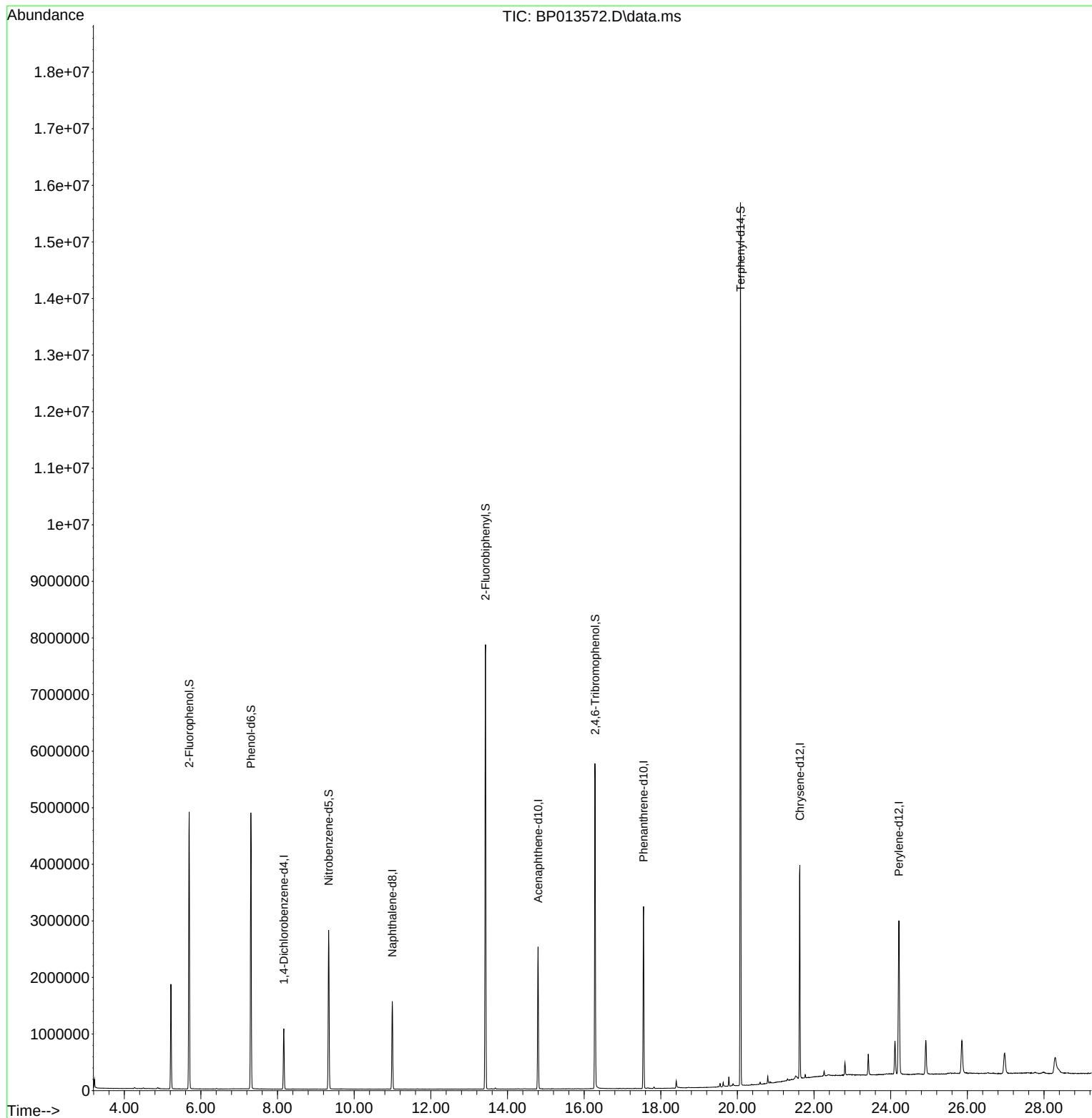
Target Compounds	Qvalue

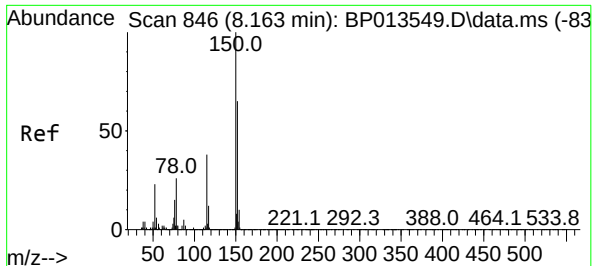
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012423\
Data File : BP013572.D
Acq On : 24 Jan 2023 15:50
Operator : CG/JU
Sample : PB150378BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB150378BL

Quant Time: Jan 25 03:48:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 25 03:43:27 2023
Response via : Initial Calibration

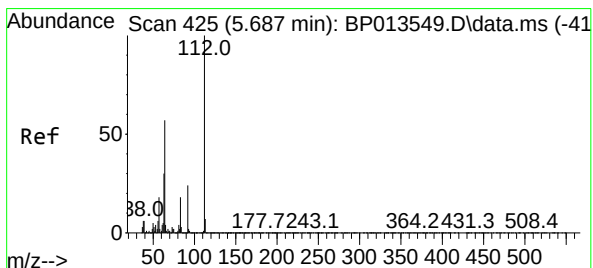
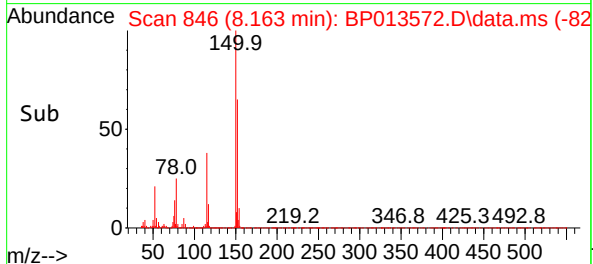
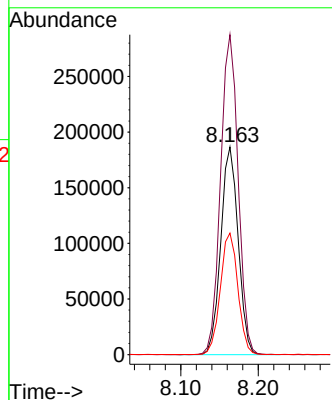
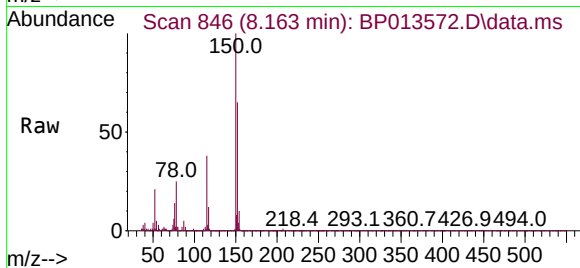




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.163 min Scan# 84
Delta R.T. -0.001 min
Lab File: BP013572.D
Acq: 24 Jan 2023 15:50

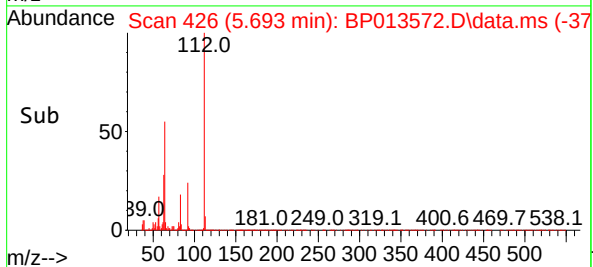
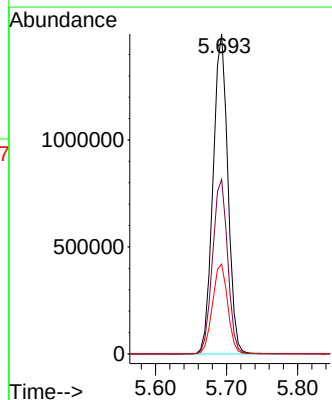
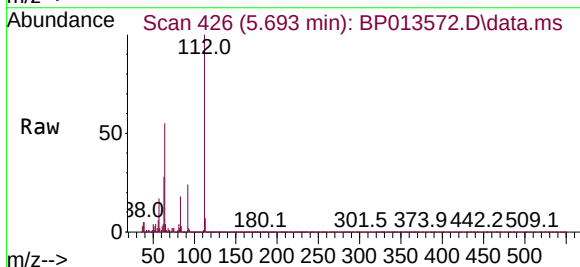
Instrument :
BNA_P
ClientSampleId :
PB150378BL

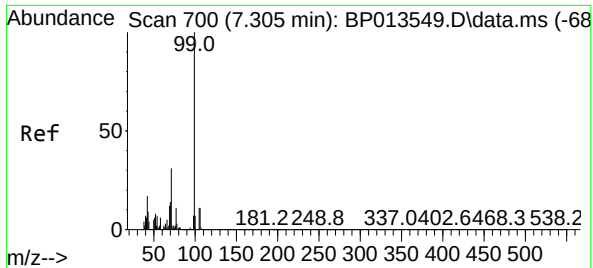
Tgt Ion:152 Resp: 291029
Ion Ratio Lower Upper
152 100
150 154.1 122.4 183.6
115 58.5 46.1 69.1



#5
2-Fluorophenol
Concen: 127.629 ng
RT: 5.693 min Scan# 426
Delta R.T. 0.006 min
Lab File: BP013572.D
Acq: 24 Jan 2023 15:50

Tgt Ion:112 Resp: 2167893
Ion Ratio Lower Upper
112 100
64 54.5 45.4 68.0
63 28.1 24.1 36.1

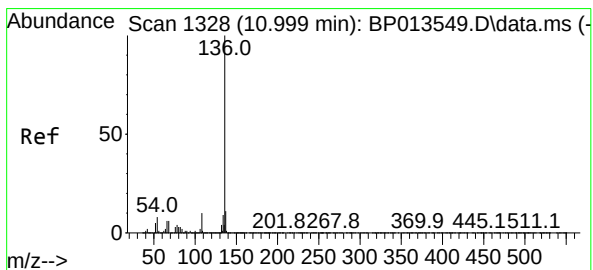
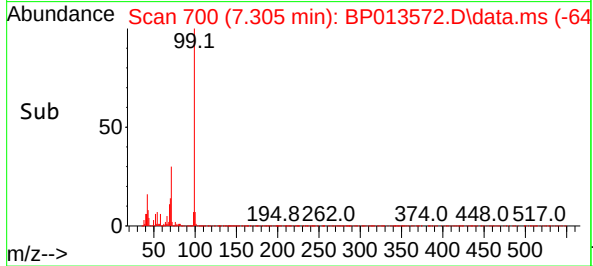
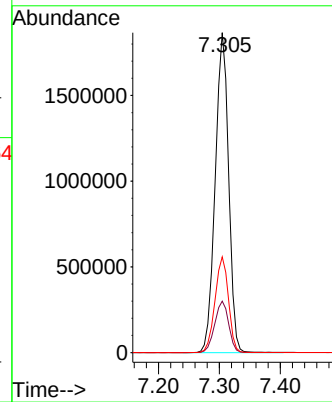
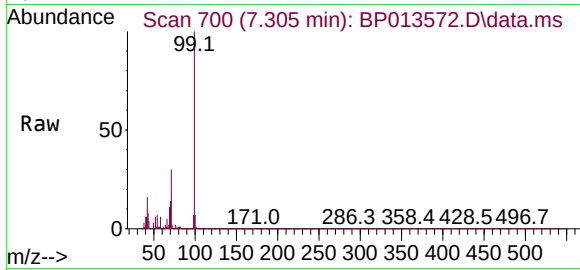




#7
Phenol-d6
Concen: 124.825 ng
RT: 7.305 min Scan# 700
Delta R.T. 0.006 min
Lab File: BP013572.D
Acq: 24 Jan 2023 15:50

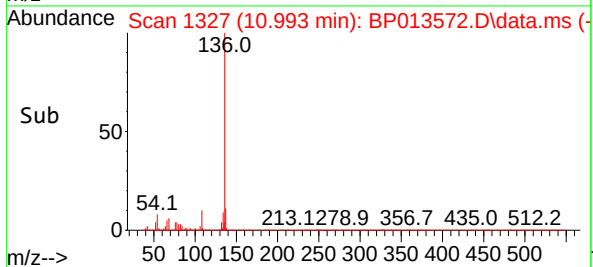
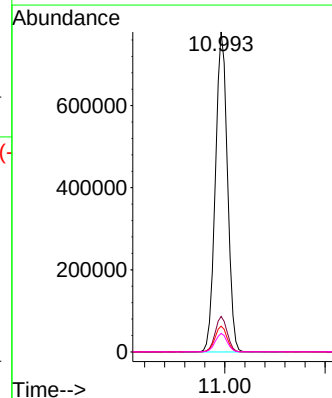
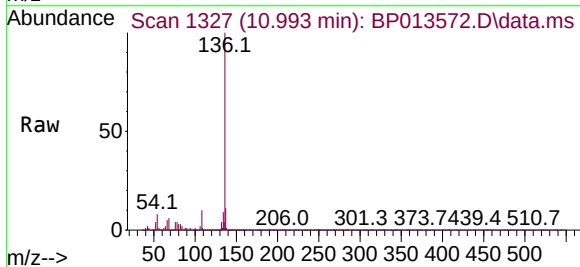
Instrument :
BNA_P
ClientSampleId :
PB150378BL

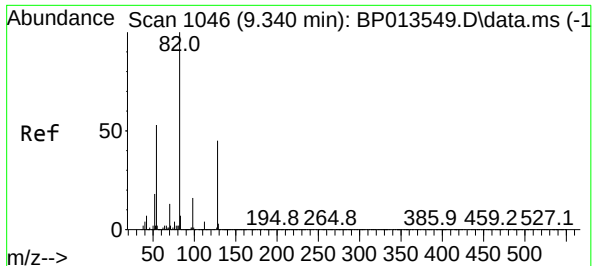
Tgt Ion: 99 Resp: 2853606
Ion Ratio Lower Upper
99 100
42 16.1 14.0 21.0
71 29.9 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.993 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BP013572.D
Acq: 24 Jan 2023 15:50

Tgt Ion: 136 Resp: 1295644
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 8.0 6.6 9.8
68 5.8 4.5 6.7





#23

Nitrobenzene-d5

Concen: 78.852 ng

RT: 9.334 min Scan# 1046

Delta R.T. -0.000 min

Lab File: BP013572.D

Acq: 24 Jan 2023 15:50

Instrument :

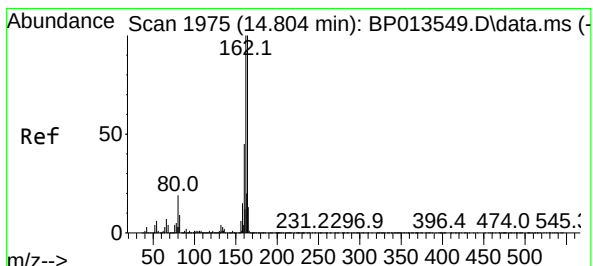
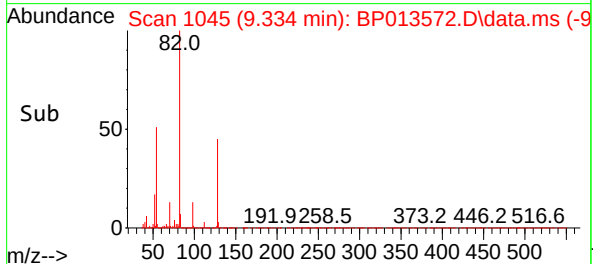
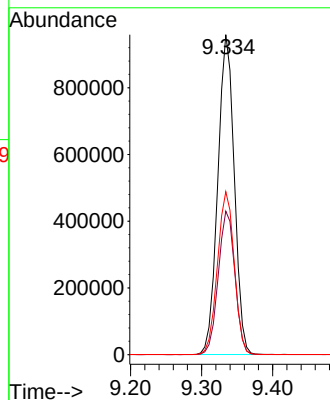
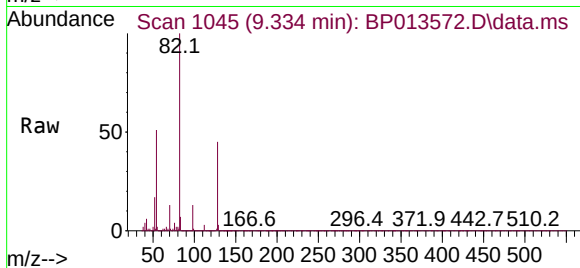
BNA_P

ClientSampleId :

PB150378BL

Tgt Ion: 82 Resp: 1547543

Ion	Ratio	Lower	Upper
82	100		
128	44.8	35.8	53.6
54	50.9	42.6	64.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.798 min Scan# 1974

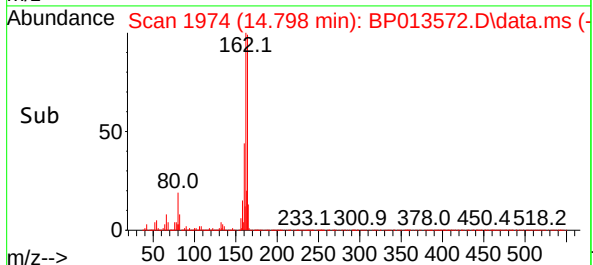
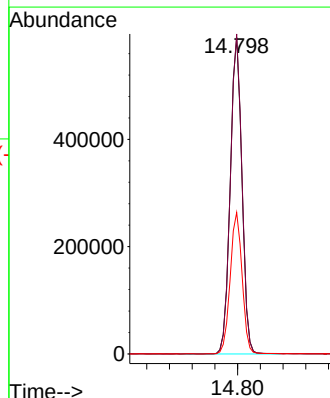
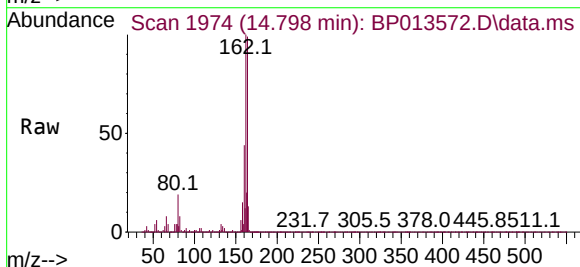
Delta R.T. -0.000 min

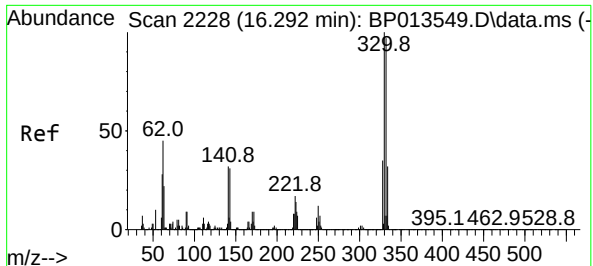
Lab File: BP013572.D

Acq: 24 Jan 2023 15:50

Tgt Ion: 164 Resp: 837908

Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.1	120.1
160	44.7	35.9	53.9

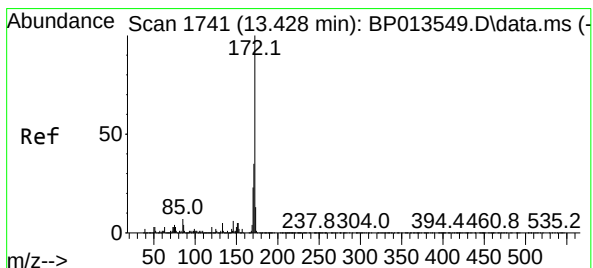
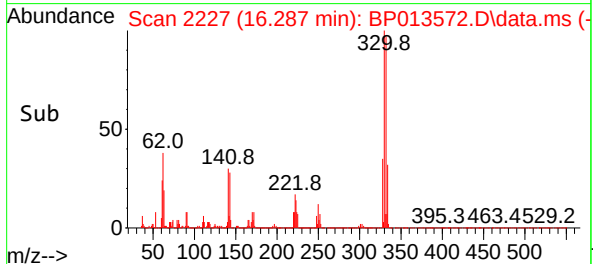
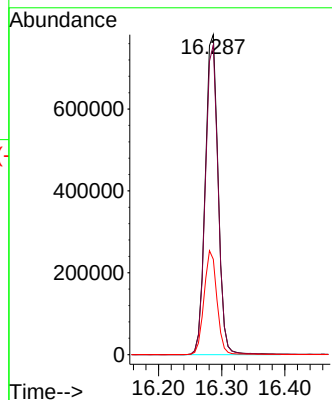
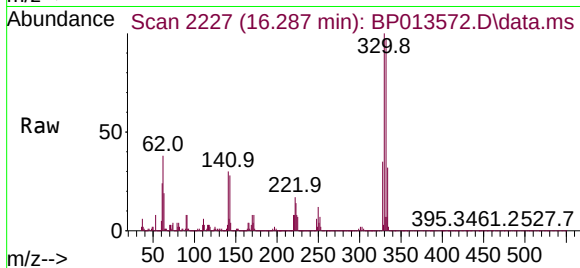




#42
2,4,6-Tribromophenol
Concen: 131.334 ng
RT: 16.287 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP013572.D
Acq: 24 Jan 2023 15:50

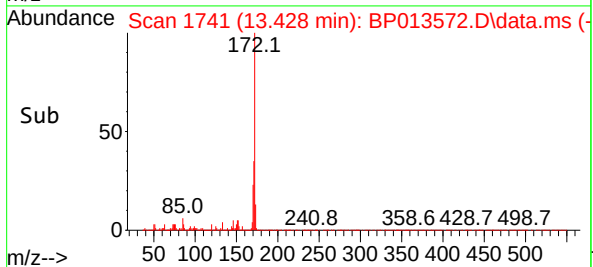
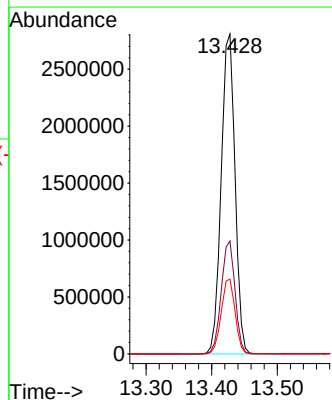
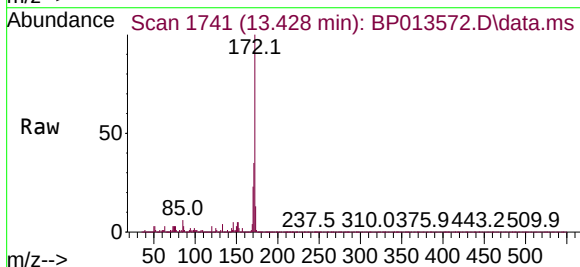
Instrument :
BNA_P
ClientSampleId :
PB150378BL

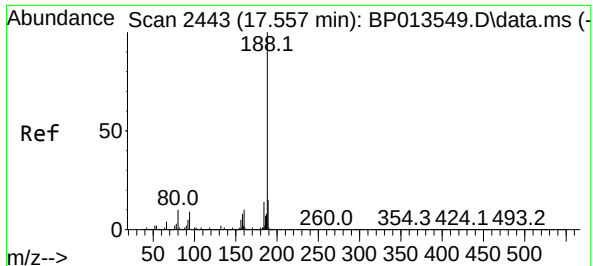
Tgt Ion: 330 Resp: 1103809
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.2
141 32.7 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 67.647 ng
RT: 13.428 min Scan# 1741
Delta R.T. -0.000 min
Lab File: BP013572.D
Acq: 24 Jan 2023 15:50

Tgt Ion: 172 Resp: 4129364
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.8
170 23.4 18.6 27.8

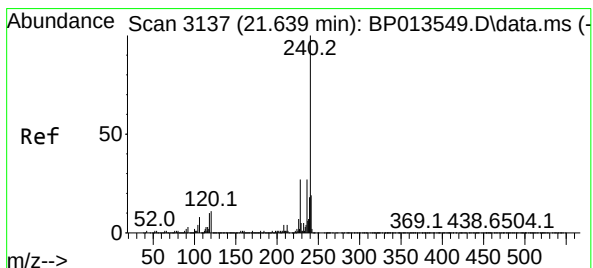
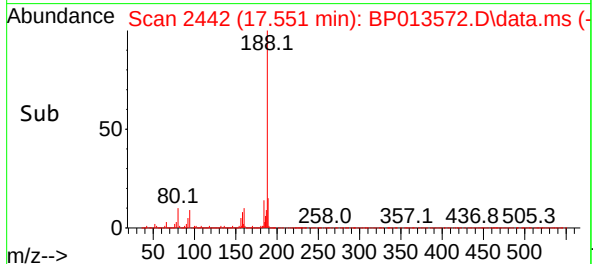
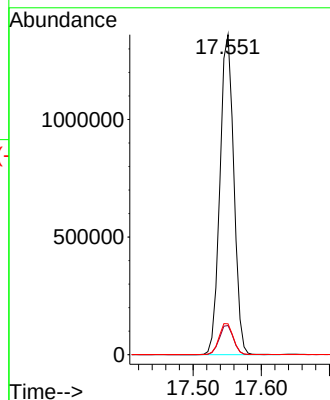
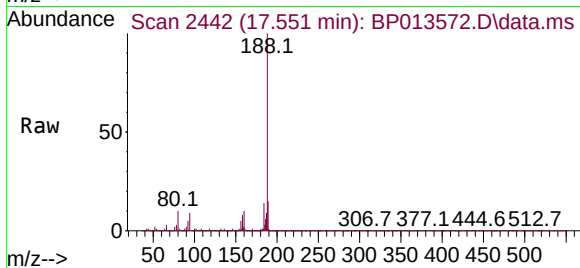




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.551 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BP013572.D
Acq: 24 Jan 2023 15:50

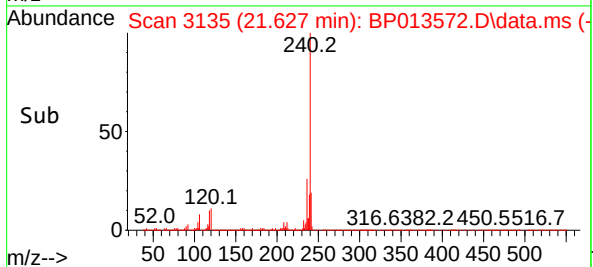
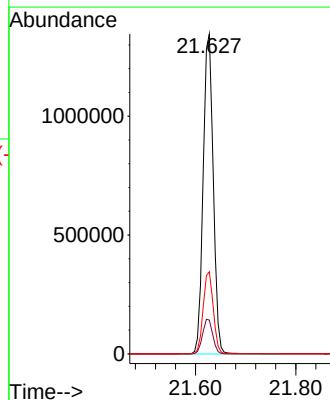
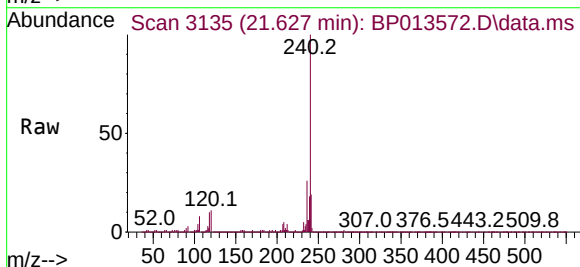
Instrument :
BNA_P
ClientSampleId :
PB150378BL

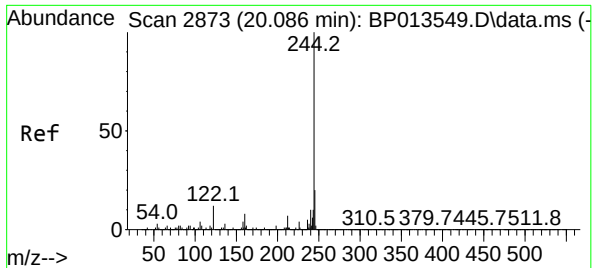
Tgt Ion:188 Resp: 1910080
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 9.6 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.627 min Scan# 3135
Delta R.T. -0.000 min
Lab File: BP013572.D
Acq: 24 Jan 2023 15:50

Tgt Ion:240 Resp: 1883137
Ion Ratio Lower Upper
240 100
120 10.6 8.6 13.0
236 25.7 21.3 31.9

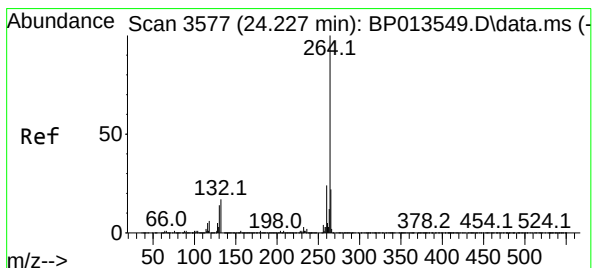
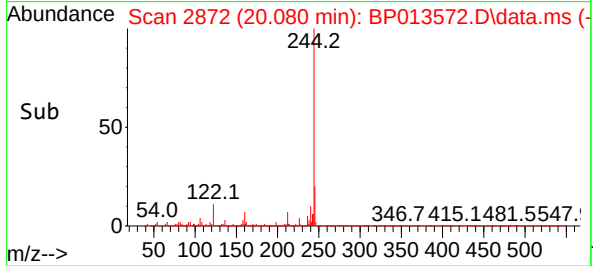
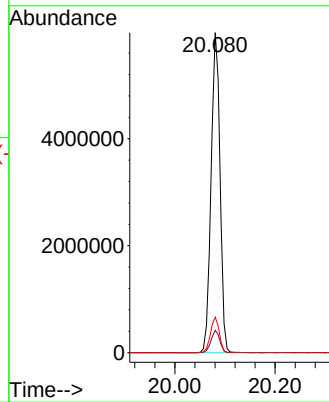
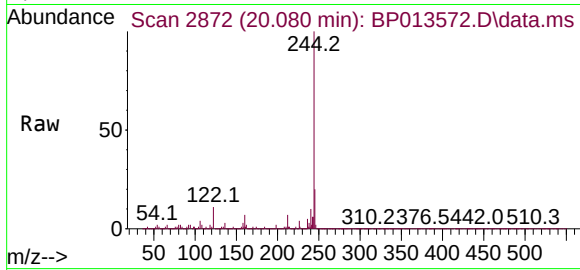




#79
 Terphenyl-d14
 Concen: 70.307 ng
 RT: 20.080 min Scan# 2873
 Delta R.T. -0.000 min
 Lab File: BP013572.D
 Acq: 24 Jan 2023 15:50

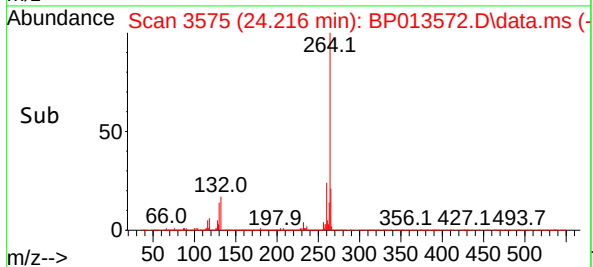
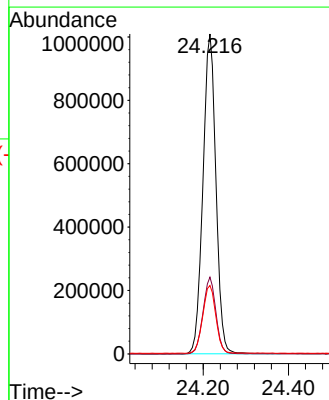
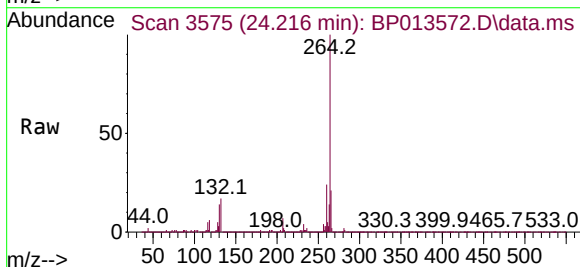
Instrument :
 BNA_P
 ClientSampleId :
 PB150378BL

Tgt Ion:244 Resp: 7359540
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 11.1 9.2 13.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.216 min Scan# 3575
 Delta R.T. -0.000 min
 Lab File: BP013572.D
 Acq: 24 Jan 2023 15:50

Tgt Ion:264 Resp: 2131871
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.8 28.2
 265 21.4 17.4 26.2





284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	Louis Berger U.S., Inc., A WSP Company		Date Collected:	
Project:	NYCDDC Phase II SCI Arthur Kill Road CEQR		Date Received:	
Client Sample ID:	PB150378BS		SDG No.:	O1232
Lab Sample ID:	PB150378BS		Matrix:	SOIL
Analytical Method:	SW8270		% Solid:	100
Sample Wt/Vol:	30.02	Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOC-PAH
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP013684.D	1	01/20/23 12:30	01/31/23 21:04	PB150378

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1400		73.9	170	ug/Kg
208-96-8	Acenaphthylene	1400		68.7	170	ug/Kg
83-32-9	Acenaphthene	1600		78.8	170	ug/Kg
86-73-7	Fluorene	1400		78.7	170	ug/Kg
85-01-8	Phenanthrene	1400		83.5	170	ug/Kg
120-12-7	Anthracene	1400		83.9	170	ug/Kg
206-44-0	Fluoranthene	1400		79.7	170	ug/Kg
129-00-0	Pyrene	1600		74.2	170	ug/Kg
56-55-3	Benzo(a)anthracene	1500		86.7	170	ug/Kg
218-01-9	Chrysene	1400		85.4	170	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		69.0	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		73.6	170	ug/Kg
50-32-8	Benzo(a)pyrene	1400		67.7	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300		100	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300		100	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200		96.8	170	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	90.3		27 - 109	90%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.2		30 - 103	85%	SPK: 100
1718-51-0	Terphenyl-d14	103		21 - 107	103%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	298000	8.14			
1146-65-2	Naphthalene-d8	1190000	10.969			
15067-26-2	Acenaphthene-d10	801000	14.775			
1517-22-2	Phenanthrene-d10	1850000	17.528			
1719-03-5	Chrysene-d12	1640000	21.61			
1520-96-3	Perylene-d12	1450000	24.18			



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	Louis Berger U.S., Inc., A WSP Company		Date Collected:	
Project:	NYCDDC Phase II SCI Arthur Kill Road CEQR		Date Received:	
Client Sample ID:	PB150378BS		SDG No.:	O1232
Lab Sample ID:	PB150378BS		Matrix:	SOIL
Analytical Method:	SW8270		% Solid:	100
Sample Wt/Vol:	30.02	Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOC-PAH
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP013684.D	1	01/20/23 12:30	01/31/23 21:04	PB150378

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	------------	-------

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
 Data File : BP013684.D
 Acq On : 31 Jan 2023 21:04
 Operator : CG/JU
 Sample : PB150378BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB150378BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/01/2023
 Supervised By : Jagrut Upadhyay 02/01/2023

Quant Time: Feb 01 06:32:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 03:43:48 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	297815	20.000	ng	0.00
21) Naphthalene-d8	10.969	136	1192599	20.000	ng	0.00
39) Acenaphthene-d10	14.775	164	801024	20.000	ng	0.00
64) Phenanthrene-d10	17.528	188	1851077	20.000	ng	0.00
76) Chrysene-d12	21.610	240	1639741	20.000	ng	0.00
86) Perylene-d12	24.180	264	1453642	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	2538359	145.702	ng	0.00
7) Phenol-d6	7.293	99	3339075	143.864	ng	0.00
23) Nitrobenzene-d5	9.316	82	1851739	90.320	ng	0.00
42) 2,4,6-Tribromophenol	16.269	330	1697472	141.285	ng	0.00
45) 2-Fluorobiphenyl	13.404	172	4876543	85.186	ng	0.00
79) Terphenyl-d14	20.057	244	8534837	103.358	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.517	88	248645	33.735	ng	99
3) Pyridine	3.928	79	700320	33.001	ng	97
4) n-Nitrosodimethylamine	3.834	42	318523	41.860	ng	99
6) Aniline	7.458	93	1267180	41.880	ng	100
8) 2-Chlorophenol	7.699	128	889507	48.498	ng	98
9) Benzaldehyde	7.269	77	392402m	28.969	ng	
10) Phenol	7.316	94	1199208	49.459	ng	97
11) bis(2-Chloroethyl)ether	7.552	93	881895	45.532	ng	98
12) 1,3-Dichlorobenzene	8.028	146	954678	46.208	ng	100
13) 1,4-Dichlorobenzene	8.175	146	973892	46.588	ng	99
14) 1,2-Dichlorobenzene	8.499	146	942979	47.141	ng	99
15) Benzyl Alcohol	8.381	79	791175m	48.139	ng	
16) 2,2'-oxybis(1-Chloropr...	8.675	45	1054362	46.610	ng	99
17) 2-Methylphenol	8.581	107	781032	45.968	ng	99
18) Hexachloroethane	9.234	117	325235	47.182	ng	95
19) n-Nitroso-di-n-propyla...	8.958	70	667310	45.825	ng	99
20) 3+4-Methylphenols	8.910	107	1057897	45.640	ng	99
22) Acetophenone	8.975	105	1328988	42.733	ng	# 98
24) Nitrobenzene	9.358	77	963682	43.335	ng	99
25) Isophorone	9.887	82	1916361	42.172	ng	99
26) 2-Nitrophenol	10.075	139	431681	42.269	ng	98
27) 2,4-Dimethylphenol	10.128	122	838432	45.719	ng	98
28) bis(2-Chloroethoxy)met...	10.363	93	1183431	43.451	ng	99
29) 2,4-Dichlorophenol	10.610	162	923449	46.264	ng	100
30) 1,2,4-Trichlorobenzene	10.828	180	983645	44.412	ng	98
31) Naphthalene	11.022	128	2640523	42.109	ng	100
32) Benzoic acid	10.269	122	612212	42.248	ng	97
33) 4-Chloroaniline	11.122	127	671860	24.384	ng	99
34) Hexachlorobutadiene	11.304	225	617034	43.889	ng	99
35) Caprolactam	11.916	113	281525m	42.947	ng	
36) 4-Chloro-3-methylphenol	12.234	107	938418	44.694	ng	99
37) 2-Methylnaphthalene	12.616	142	1900067	40.298	ng	99
38) 1-Methylnaphthalene	12.834	142	1783880	40.277	ng	99
40) 1,2,4,5-Tetrachloroben...	12.981	216	1187147	43.410	ng	99
41) Hexachlorocyclopentadiene	12.957	237	1347081	107.923	ng	98
43) 2,4,6-Trichlorophenol	13.210	196	816214	45.326	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
 Data File : BP013684.D
 Acq On : 31 Jan 2023 21:04
 Operator : CG/JU
 Sample : PB150378BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB150378BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/01/2023
 Supervised By : Jagrut Upadhyay 02/01/2023

Quant Time: Feb 01 06:32:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 03:43:48 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.287	196	896098	42.502	ng	100
46) 1,1'-Biphenyl	13.610	154	2579371	42.552	ng	99
47) 2-Chloronaphthalene	13.657	162	2004868	42.789	ng	100
48) 2-Nitroaniline	13.857	65	471762	40.830	ng	99
49) Acenaphthylene	14.498	152	3185877	42.163	ng	99
50) Dimethylphthalate	14.228	163	2657412	42.891	ng	100
51) 2,6-Dinitrotoluene	14.345	165	550559	43.527	ng	99
52) Acenaphthene	14.840	154	2285561m	46.984	ng	
53) 3-Nitroaniline	14.675	138	435346	33.113	ng	95
54) 2,4-Dinitrophenol	14.881	184	715278	85.614	ng	97
55) Dibenzofuran	15.175	168	3152288	41.406	ng	99
56) 4-Nitrophenol	14.981	139	1010325	94.052	ng	99
57) 2,4-Dinitrotoluene	15.134	165	751250	44.321	ng	99
58) Fluorene	15.822	166	2508341	41.965	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.398	232	832052	45.384	ng	99
60) Diethylphthalate	15.587	149	2552116	42.968	ng	100
61) 4-Chlorophenyl-phenyle...	15.810	204	1377167	42.310	ng	99
62) 4-Nitroaniline	15.845	138	540433	40.362	ng	99
63) Azobenzene	16.104	77	2333492	42.530	ng	98
65) 4,6-Dinitro-2-methylph...	15.898	198	447924	42.477	ng	95
66) n-Nitrosodiphenylamine	16.028	169	2275021	42.240	ng	99
67) 4-Bromophenyl-phenylether	16.710	248	919418	43.329	ng	99
68) Hexachlorobenzene	16.828	284	1071399	45.597	ng	97
69) Atrazine	16.981	200	863738	49.284	ng	99
70) Pentachlorophenol	17.175	266	1445994	83.427	ng	99
71) Phenanthrene	17.575	178	4238463	42.719	ng	99
72) Anthracene	17.663	178	4257449	42.504	ng	99
73) Carbazole	17.928	167	3861927	42.460	ng	100
74) Di-n-butylphthalate	18.457	149	4331139	43.515	ng	99
75) Fluoranthene	19.522	202	5110055	41.370	ng	100
77) Benzidine	19.692	184	1839741	51.944	ng	99
78) Pyrene	19.875	202	5243756	47.533	ng	100
80) Butylbenzylphthalate	20.727	149	1461881	48.541	ng	98
81) Benzo(a)anthracene	21.592	228	4968194	43.621	ng	100
82) 3,3'-Dichlorobenzidine	21.510	252	1361890	37.821	ng	99
83) Chrysene	21.645	228	4577755	42.186	ng	99
84) Bis(2-ethylhexyl)phtha...	21.486	149	2294930	44.754	ng	100
85) Di-n-octyl phthalate	22.474	149	3767878	40.239	ng	100
87) Indeno(1,2,3-cd)pyrene	26.904	276	4198180	37.975	ng	100
88) Benzo(b)fluoranthene	23.386	252	4491017	51.404	ng	99
89) Benzo(k)fluoranthene	23.439	252	4288510	49.007	ng	99
90) Benzo(a)pyrene	24.069	252	3690409	42.554	ng	100
91) Dibenzo(a,h)anthracene	26.921	278	3562245	38.820	ng	100
92) Benzo(g,h,i)perylene	27.739	276	3413658	37.455	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

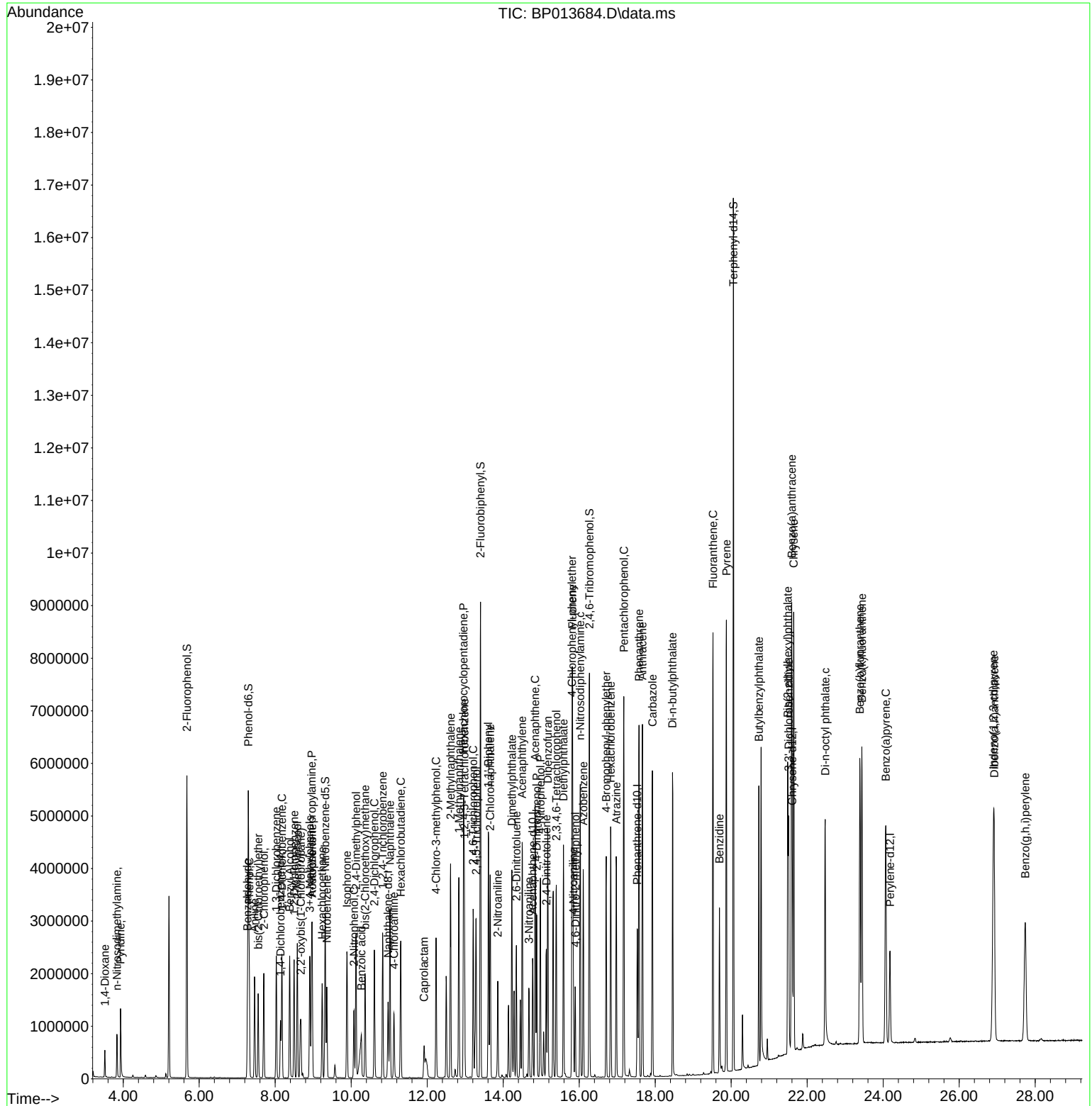
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Data File : BP013684.D  
Acq On    : 31 Jan 2023   21:04  
Operator  : CG/JU  
Sample    : PB150378BS  
Misc      :  
ALS Vial  : 19    Sample Multiplier: 1
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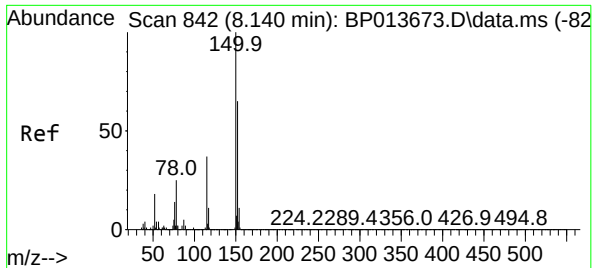
Instrument :
BNA_P
ClientSampleId :
PB150378BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

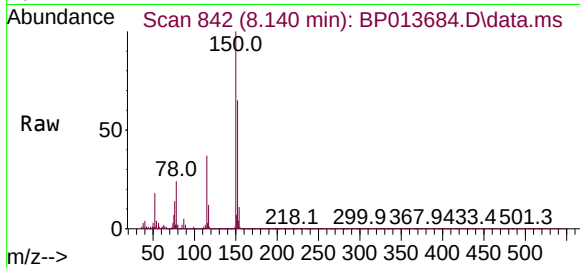
Quant Time: Feb 01 06:32:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Qlast Update : Wed Feb 01 03:43:48 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.140 min Scan# 84
Delta R.T. -0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

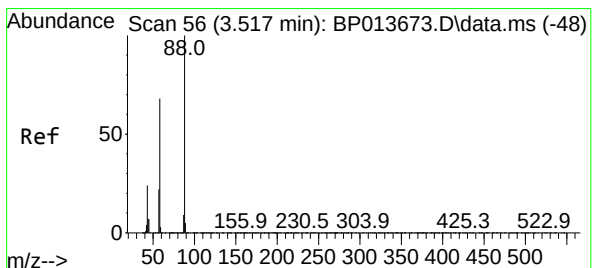
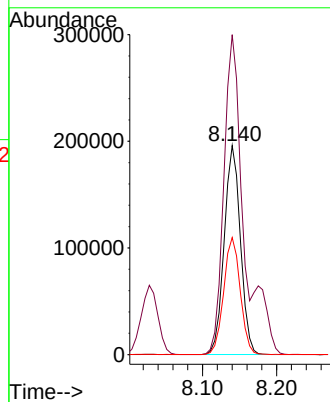
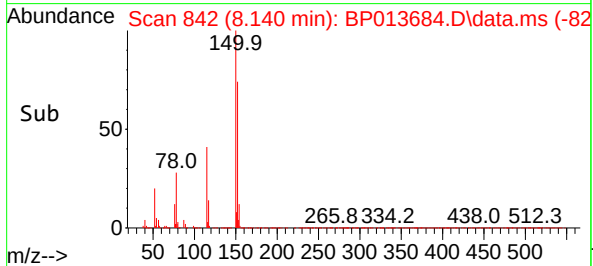
Instrument :
BNA_P
ClientSampleId :
PB150378BS



Tgt Ion:152 Resp: 297815
Ion Ratio Lower Upper
152 100
150 153.1 123.6 185.4
115 56.0 45.4 68.0

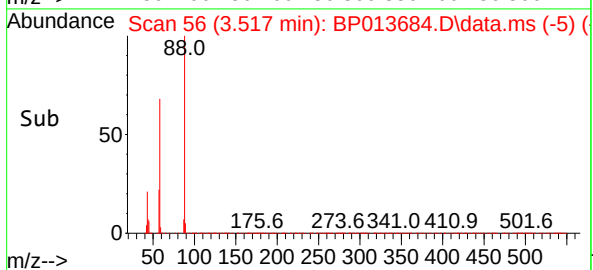
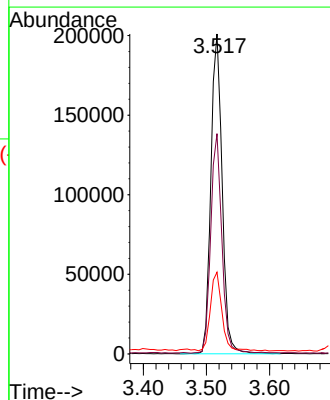
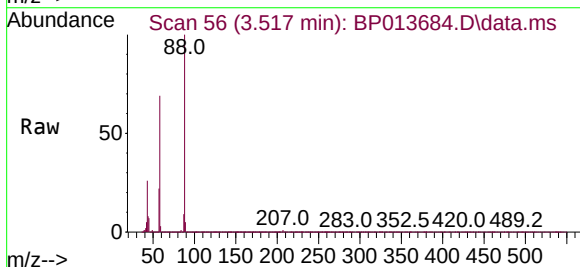
Manual Integrations
APPROVED

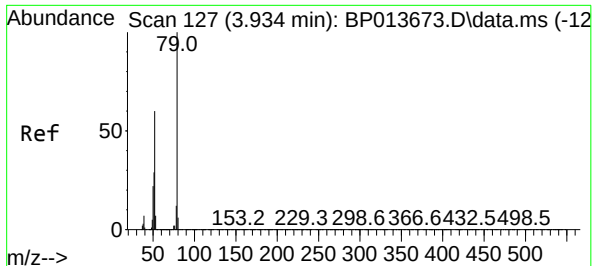
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#2
1,4-Dioxane
Concen: 33.735 ng
RT: 3.517 min Scan# 56
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

Tgt Ion: 88 Resp: 248645
Ion Ratio Lower Upper
88 100
58 67.7 53.8 80.8
43 25.1 19.8 29.6





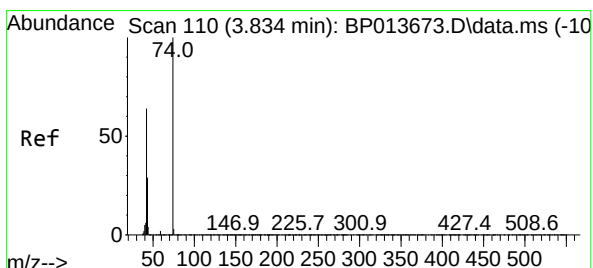
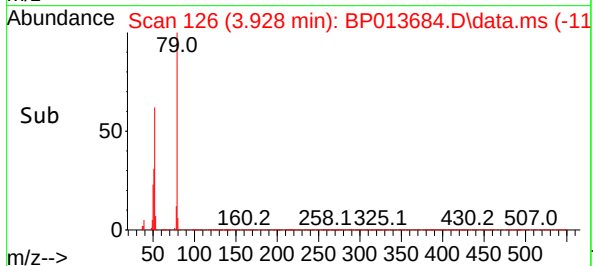
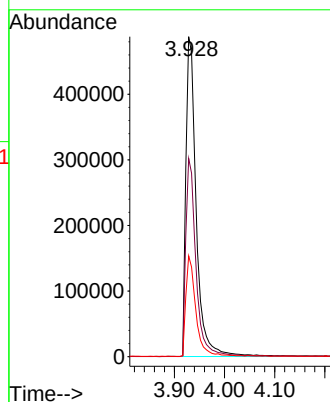
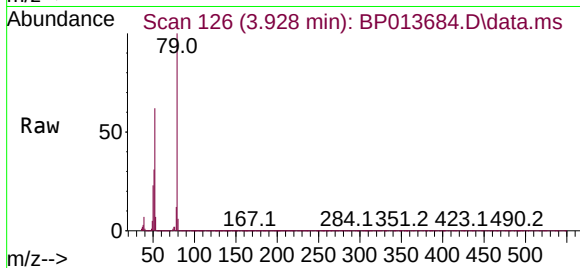
#3
Pyridine
Concen: 33.001 ng
RT: 3.928 min Scan# 110
Delta R.T. -0.006 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

Instrument :
BNA_P
ClientSampleId :
PB150378BS

Tgt Ion: 79 Resp: 700320
Ion Ratio Lower Upper
79 100
52 61.9 48.2 72.2
51 31.5 23.6 35.4

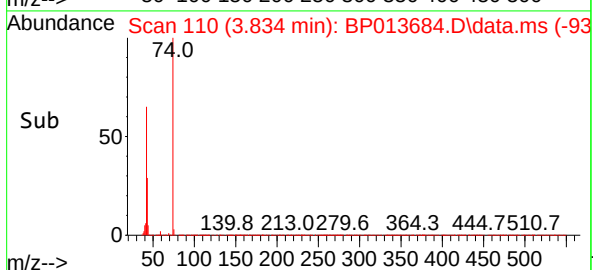
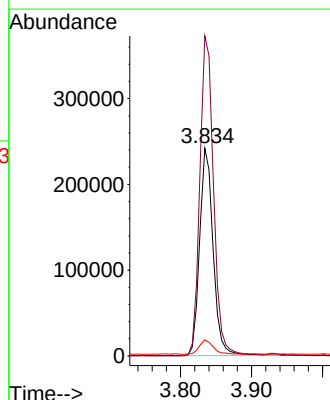
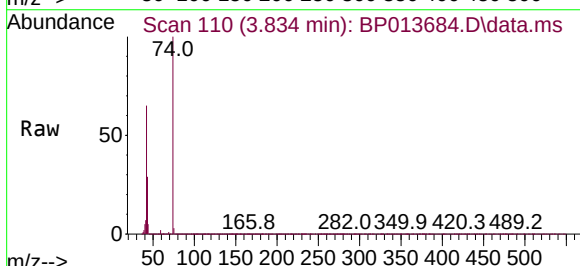
Manual Integrations
APPROVED

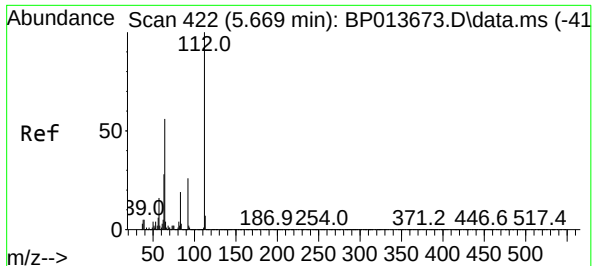
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#4
n-Nitrosodimethylamine
Concen: 41.860 ng
RT: 3.834 min Scan# 110
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

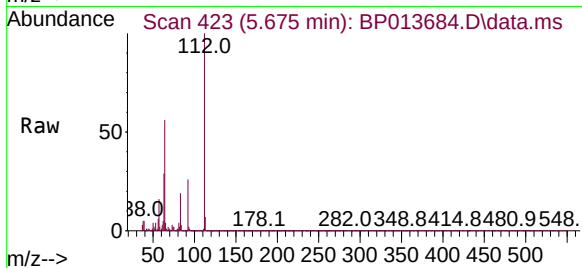
Tgt Ion: 42 Resp: 318523
Ion Ratio Lower Upper
42 100
74 154.2 124.6 187.0
44 7.7 6.3 9.5





#5
2-Fluorophenol
Concen: 145.702 ng
RT: 5.675 min Scan# 422
Delta R.T. 0.006 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

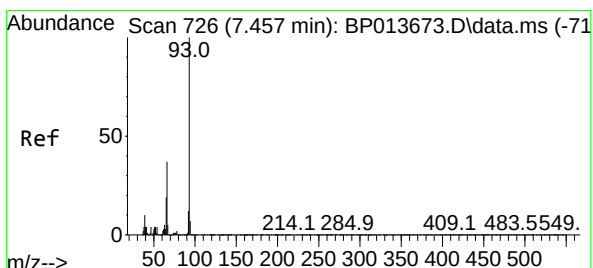
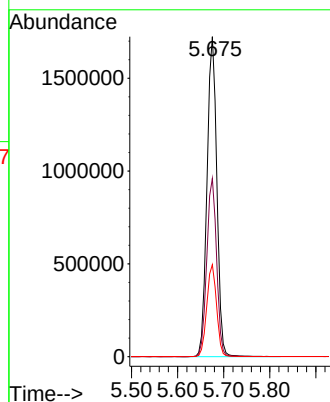
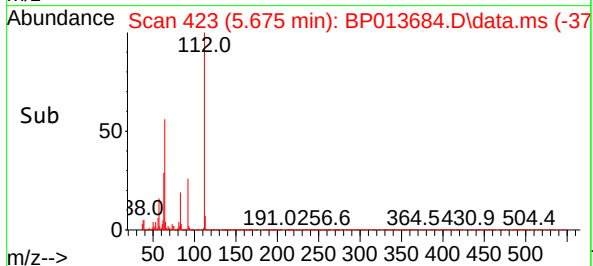
Instrument :
BNA_P
ClientSampleId :
PB150378BS



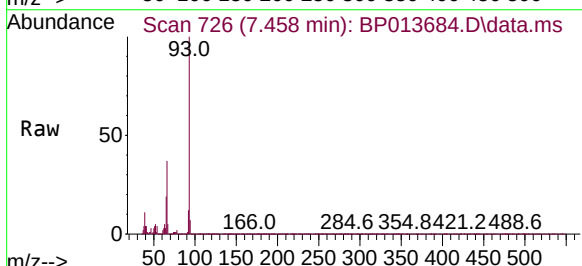
Tgt Ion: 112 Resp: 2538359
Ion Ratio Lower Upper
112 100
64 55.7 44.6 67.0
63 28.7 22.6 34.0

Manual Integrations
APPROVED

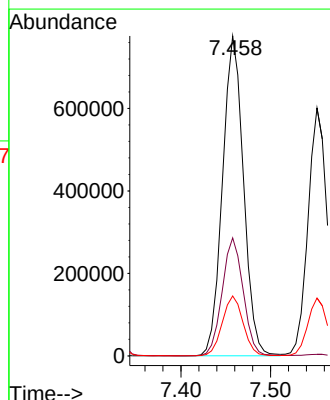
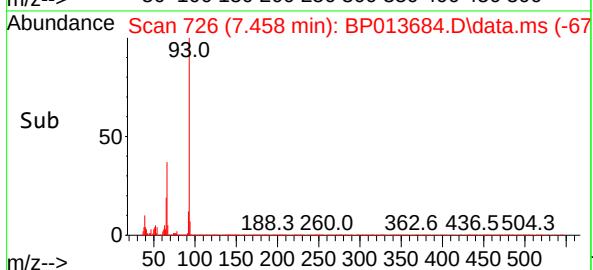
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

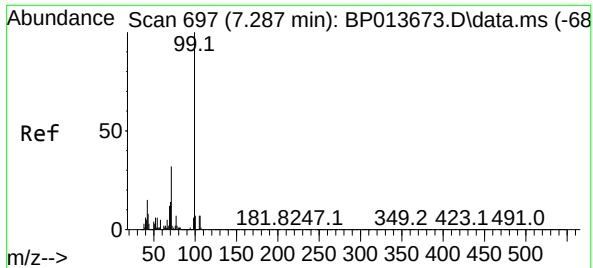


#6
Aniline
Concen: 41.880 ng
RT: 7.458 min Scan# 726
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04



Tgt Ion: 93 Resp: 1267180
Ion Ratio Lower Upper
93 100
66 36.9 29.3 43.9
65 18.7 15.1 22.7





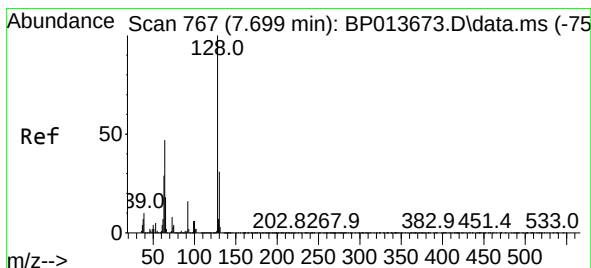
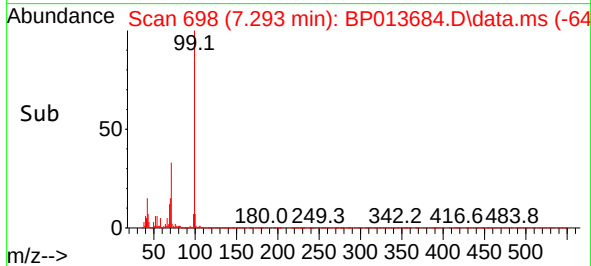
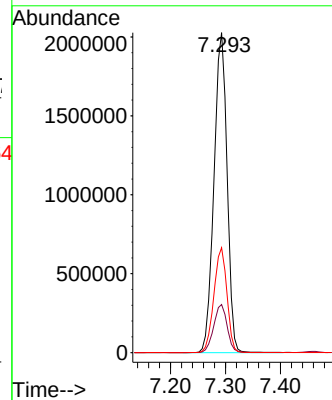
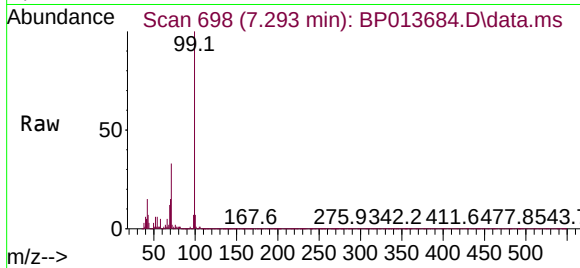
#7
Phenol-d6
Concen: 143.864 ng
RT: 7.293 min Scan# 697
Delta R.T. 0.006 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

Instrument :
BNA_P
ClientSampleId :
PB150378BS

Tgt Ion: 99 Resp: 3339075
Ion Ratio Lower Upper
99 100
42 15.0 11.8 17.6
71 32.8 25.6 38.4

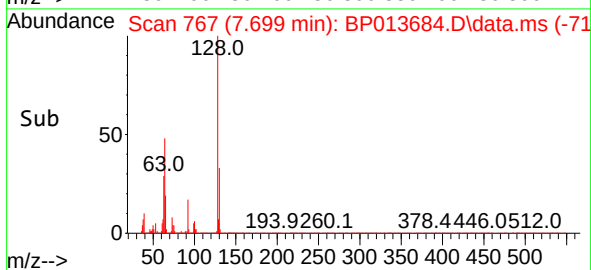
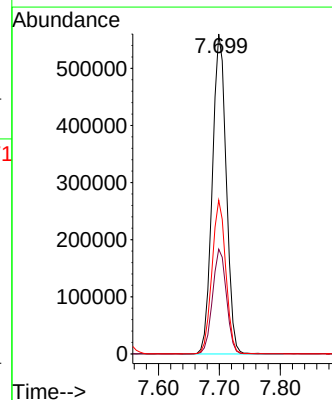
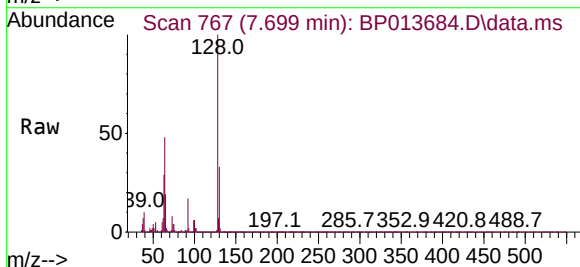
Manual Integrations
APPROVED

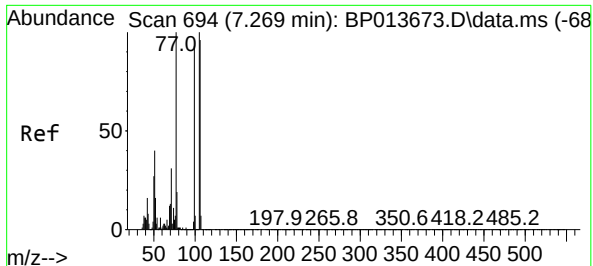
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#8
2-Chlorophenol
Concen: 48.498 ng
RT: 7.699 min Scan# 767
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

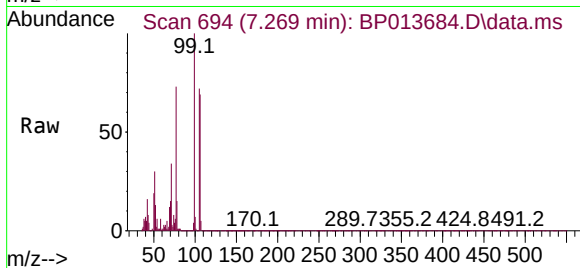
Tgt Ion:128 Resp: 889507
Ion Ratio Lower Upper
128 100
130 32.7 10.8 50.8
64 48.0 26.9 66.9





#9
Benzaldehyde
Concen: 28.969 ng m
RT: 7.269 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

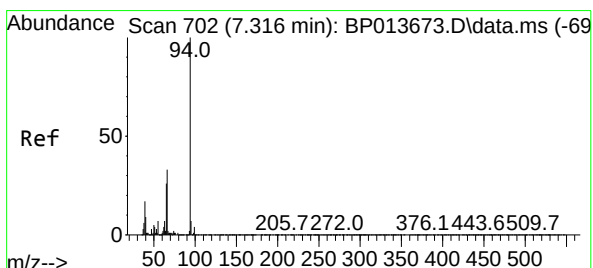
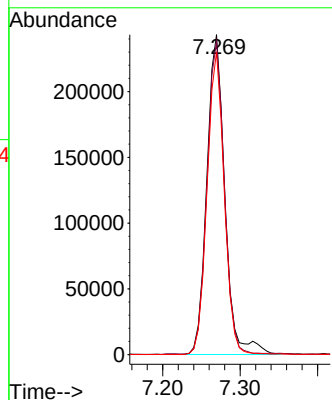
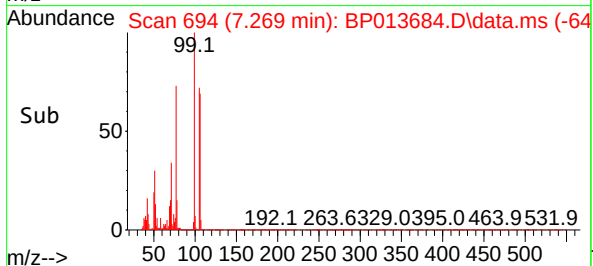
Instrument :
BNA_P
ClientSampleId :
PB150378BS



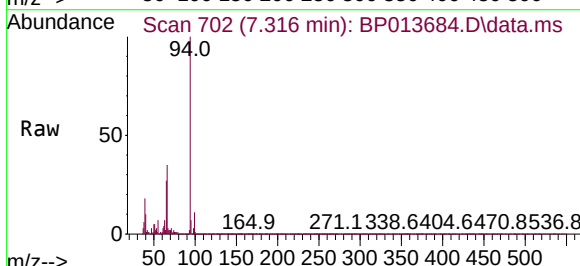
Tgt Ion: 77 Resp: 392402
Ion Ratio Lower Upper
77 100
105 97.8 80.4 120.4
106 94.6 76.7 116.7

Manual Integrations
APPROVED

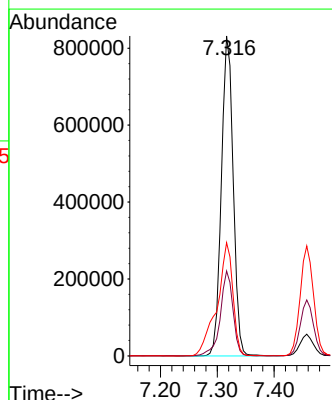
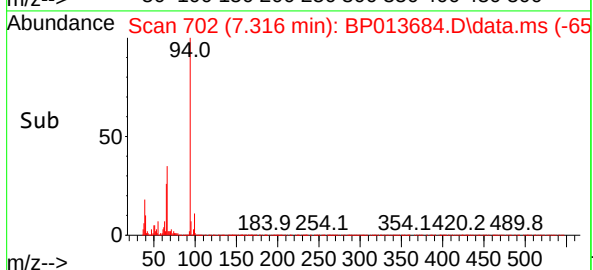
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

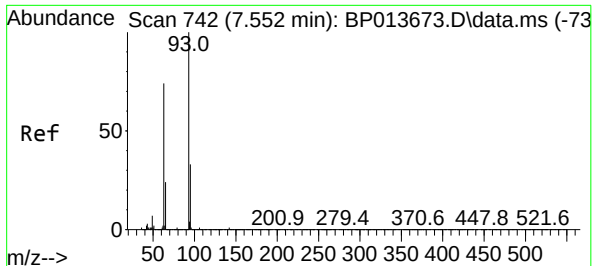


#10
Phenol
Concen: 49.459 ng
RT: 7.316 min Scan# 702
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04



Tgt Ion: 94 Resp: 1199208
Ion Ratio Lower Upper
94 100
65 26.5 6.0 46.0
66 35.4 13.1 53.1





#11

bis(2-Chloroethyl)ether

Concen: 45.532 ng

RT: 7.552 min Scan# 742

Delta R.T. 0.000 min

Lab File: BP013684.D

Acq: 31 Jan 2023 21:04

Instrument :

BNA_P

ClientSampleId :

PB150378BS

Tgt Ion: 93 Resp: 881895

Ion Ratio Lower Upper

93 100

63 72.0 53.7 93.7

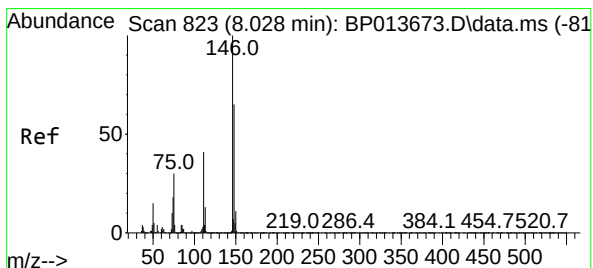
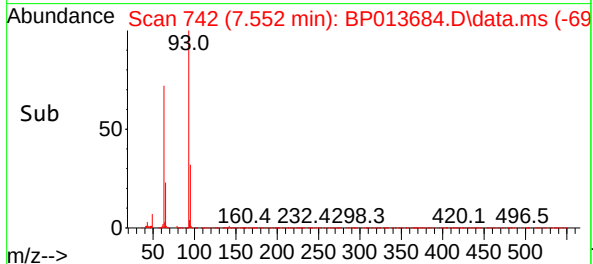
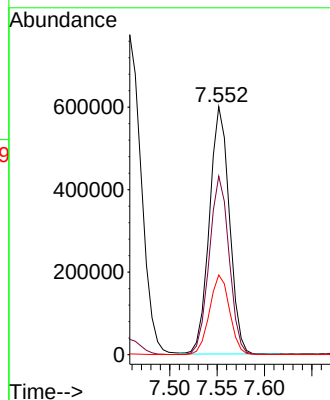
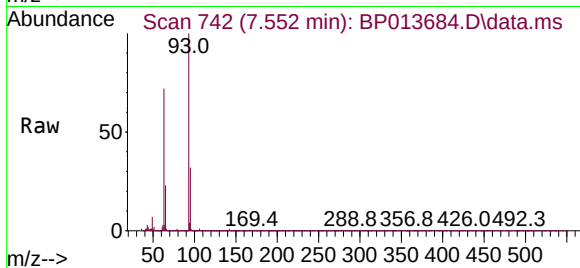
95 32.1 12.4 52.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#12

1,3-Dichlorobenzene

Concen: 46.208 ng

RT: 8.028 min Scan# 823

Delta R.T. 0.000 min

Lab File: BP013684.D

Acq: 31 Jan 2023 21:04

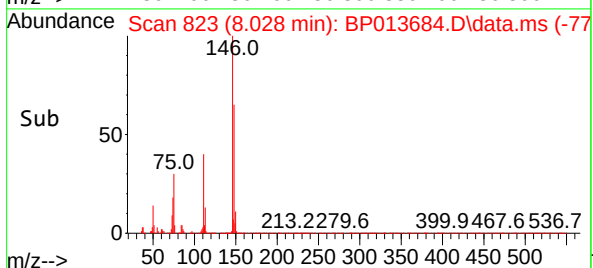
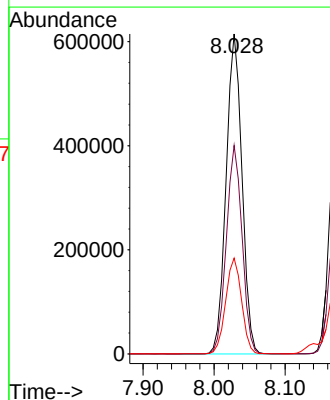
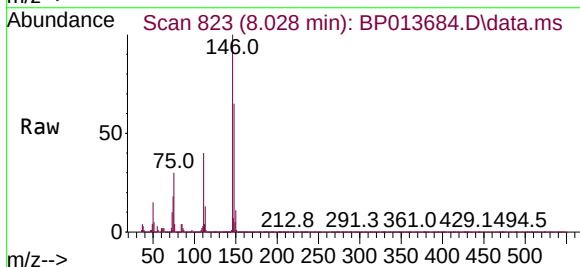
Tgt Ion:146 Resp: 954678

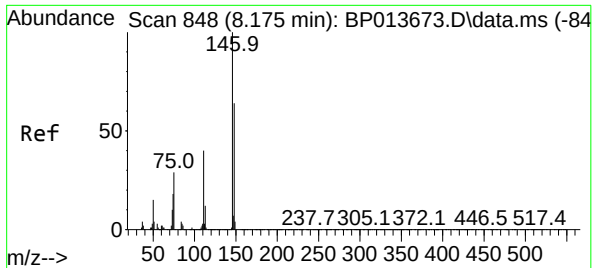
Ion Ratio Lower Upper

146 100

148 65.1 51.9 77.9

75 29.9 24.0 36.0





#13

1,4-Dichlorobenzene

Concen: 46.588 ng

RT: 8.175 min Scan# 84

Delta R.T. 0.000 min

Lab File: BP013684.D

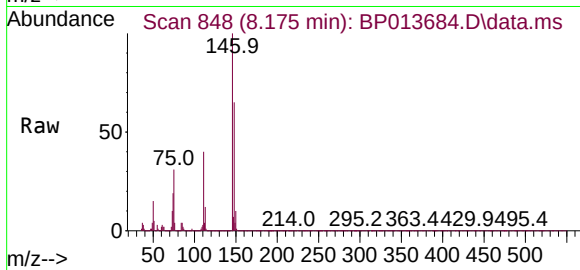
Acq: 31 Jan 2023 21:04

Instrument :

BNA_P

ClientSampleId :

PB150378BS



Tgt Ion:146 Resp: 973892

Ion Ratio Lower Upper

146 100

148 65.0 51.5 77.3

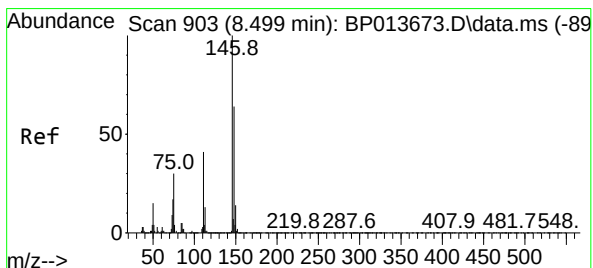
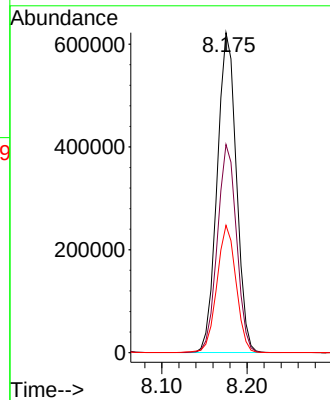
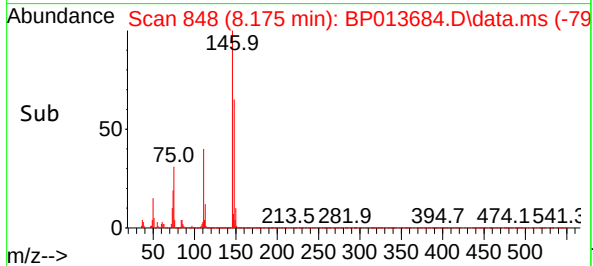
111 39.8 32.0 48.0

Manual Integrations

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Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#14

1,2-Dichlorobenzene

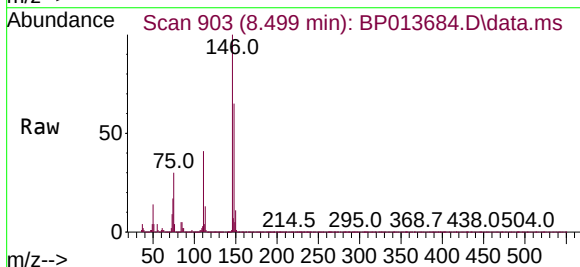
Concen: 47.141 ng

RT: 8.499 min Scan# 903

Delta R.T. 0.000 min

Lab File: BP013684.D

Acq: 31 Jan 2023 21:04



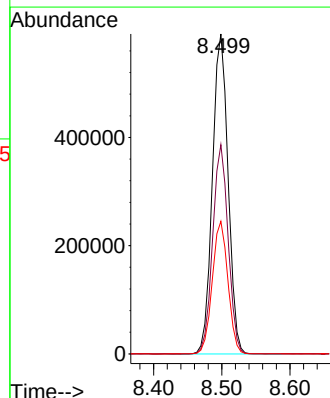
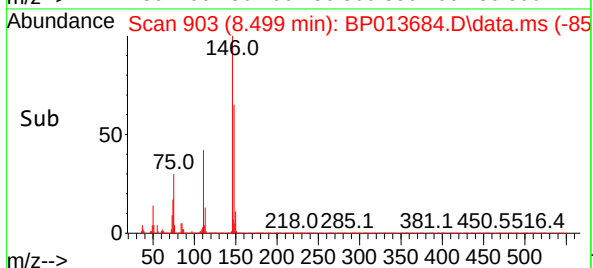
Tgt Ion:146 Resp: 942979

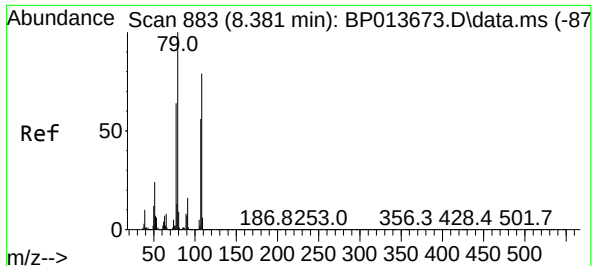
Ion Ratio Lower Upper

146 100

148 65.4 51.3 76.9

111 41.4 32.8 49.2





#15

Benzyl Alcohol

Concen: 48.139 ng m

RT: 8.381 min Scan# 883

Delta R.T. 0.000 min

Lab File: BP013684.D

Acq: 31 Jan 2023 21:04

Instrument :

BNA_P

ClientSampleId :

PB150378BS

Tgt Ion: 79 Resp: 791175

Ion Ratio Lower Upper

79 100

108 78.2 62.9 94.3

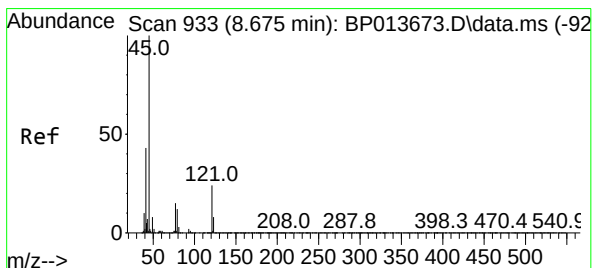
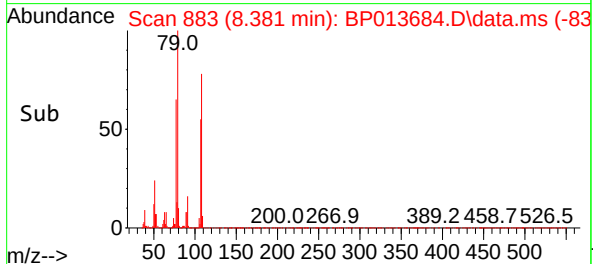
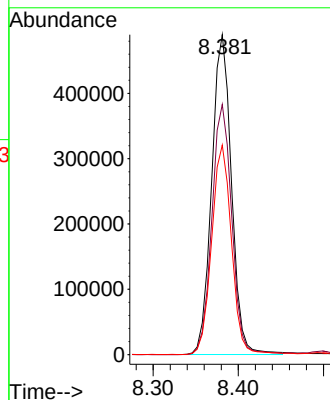
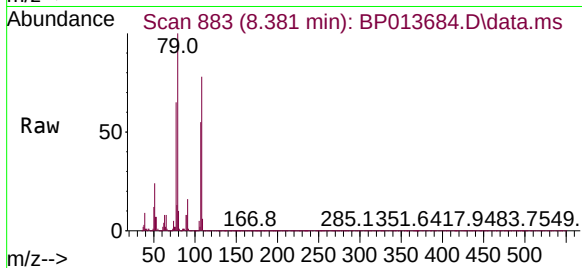
77 65.5 51.1 76.7

Manual Integrations

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Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.610 ng

RT: 8.675 min Scan# 933

Delta R.T. 0.000 min

Lab File: BP013684.D

Acq: 31 Jan 2023 21:04

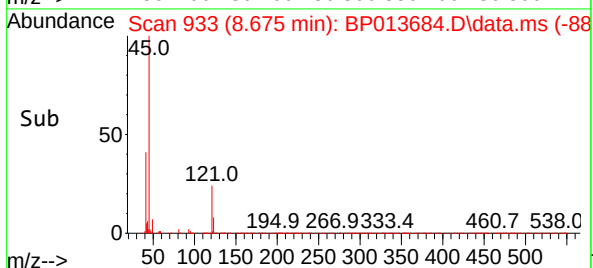
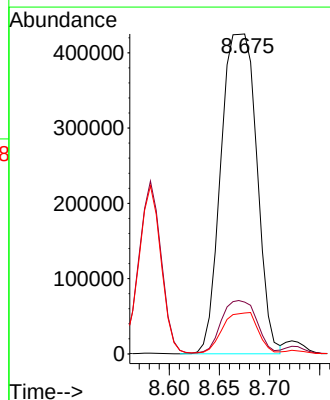
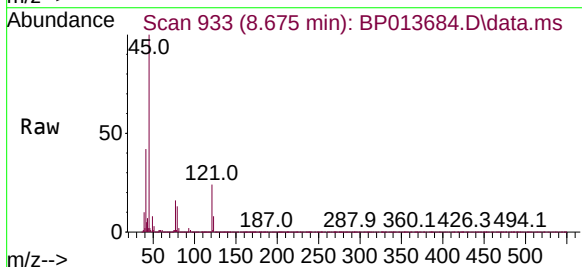
Tgt Ion: 45 Resp: 1054362

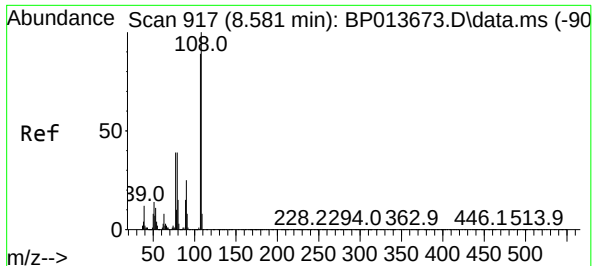
Ion Ratio Lower Upper

45 100

77 16.2 0.0 36.4

79 12.8 0.0 33.4





#17

2-Methylphenol

Concen: 45.968 ng

RT: 8.581 min Scan# 917

Delta R.T. 0.000 min

Lab File: BP013684.D

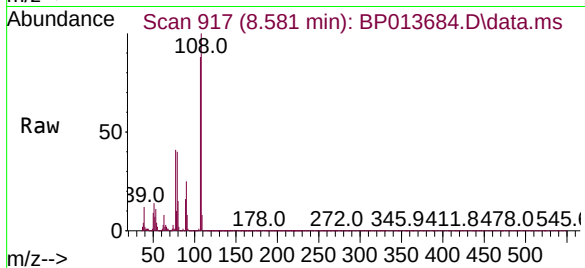
Acq: 31 Jan 2023 21:04

Instrument :

BNA_P

ClientSampleId :

PB150378BS



Tgt Ion:107 Resp: 781032

Ion Ratio Lower Upper

107 100

108 113.0 90.0 135.0

77 46.2 35.7 53.5

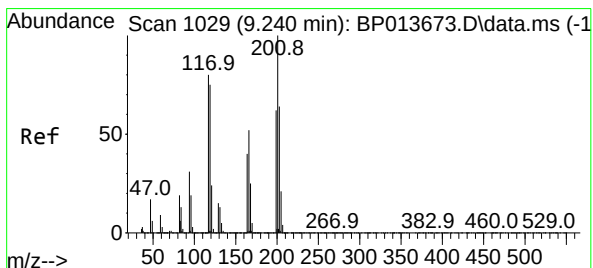
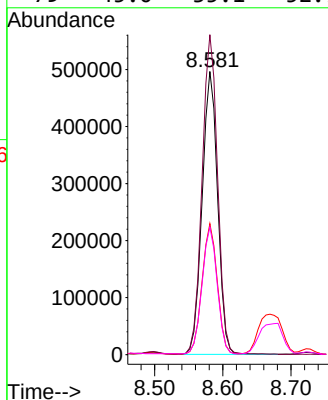
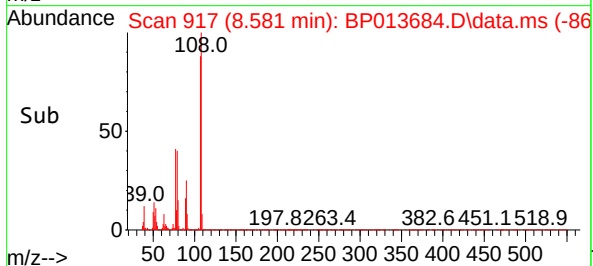
79 45.0 35.1 52.7

Manual Integrations

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Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#18

Hexachloroethane

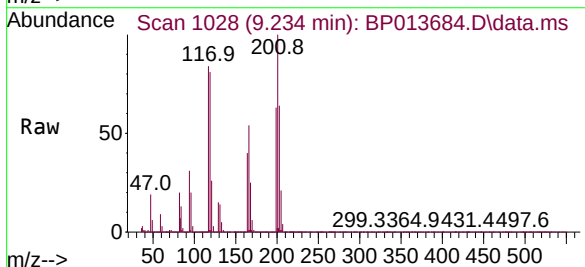
Concen: 47.182 ng

RT: 9.234 min Scan# 1028

Delta R.T. -0.006 min

Lab File: BP013684.D

Acq: 31 Jan 2023 21:04



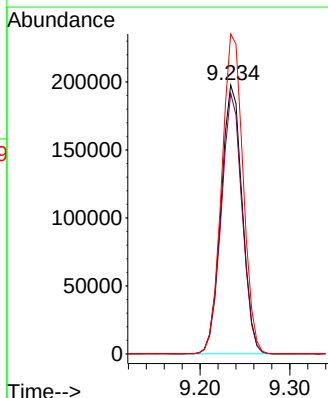
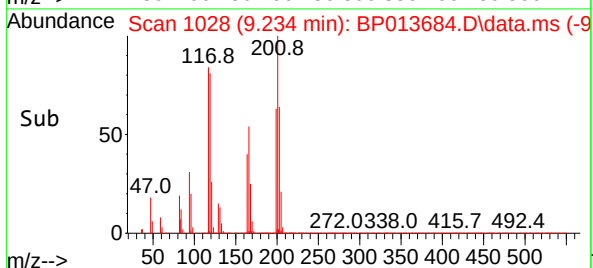
Tgt Ion:117 Resp: 325235

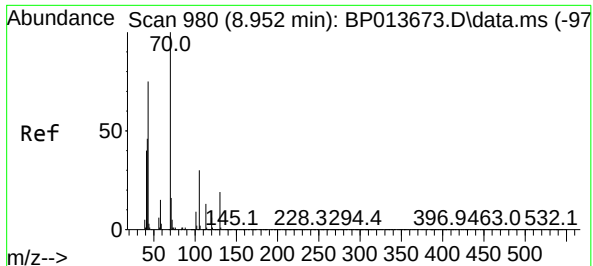
Ion Ratio Lower Upper

117 100

119 96.9 75.0 112.4

201 119.0 100.4 150.6





#19

n-Nitroso-di-n-propylamine

Concen: 45.825 ng

RT: 8.958 min Scan# 980

Delta R.T. 0.006 min

Lab File: BP013684.D

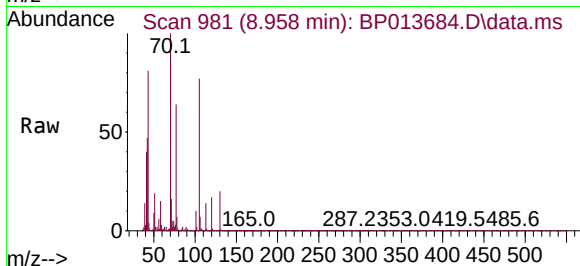
Acq: 31 Jan 2023 21:04

Instrument :

BNA_P

ClientSampleId :

PB150378BS



Tgt Ion: 70 Resp: 667310

Ion Ratio Lower Upper

70 100

42 47.3 37.2 55.8

101 9.9 7.4 11.2

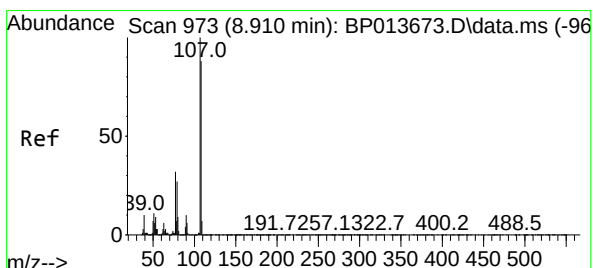
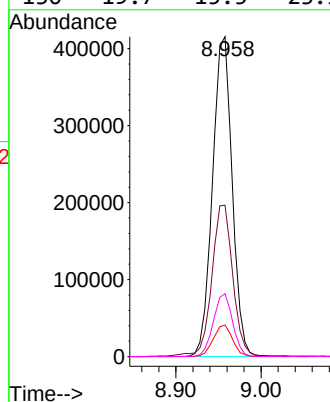
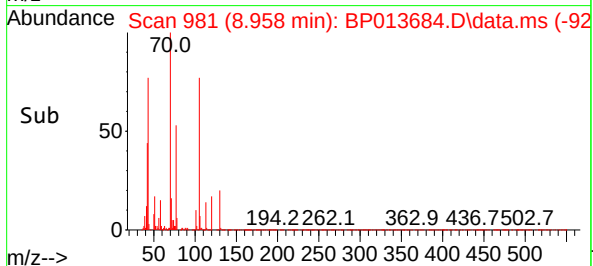
130 19.7 15.5 23.3

Manual Integrations

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Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#20

3+4-Methylphenols

Concen: 45.640 ng

RT: 8.910 min Scan# 973

Delta R.T. 0.000 min

Lab File: BP013684.D

Acq: 31 Jan 2023 21:04

Tgt Ion:107 Resp: 1057897

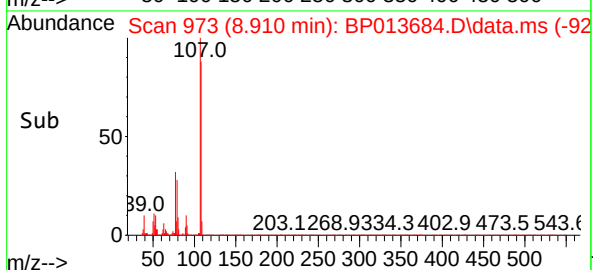
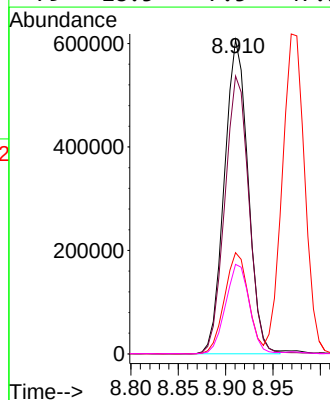
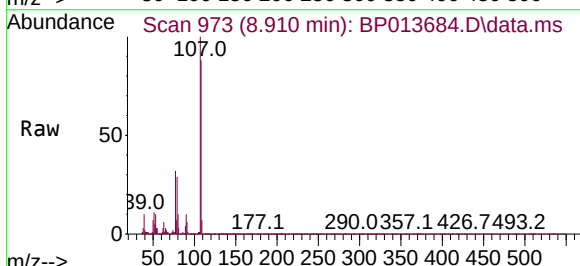
Ion Ratio Lower Upper

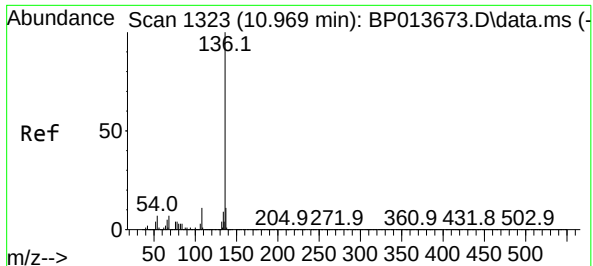
107 100

108 88.5 67.7 107.7

77 32.2 12.0 52.0

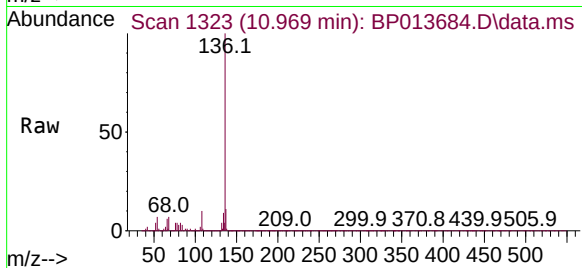
79 28.5 7.5 47.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.969 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

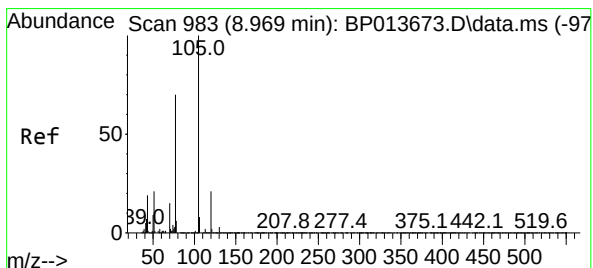
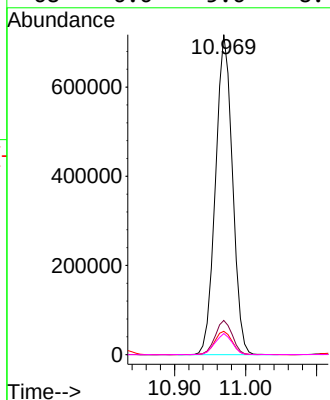
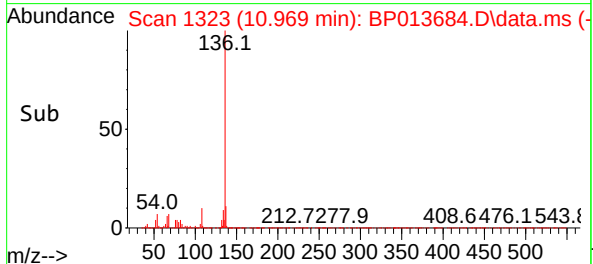
Instrument :
BNA_P
ClientSampleId :
PB150378BS



Tgt Ion:136 Resp: 1192599
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.6 6.0 9.0
68 6.6 5.6 8.4

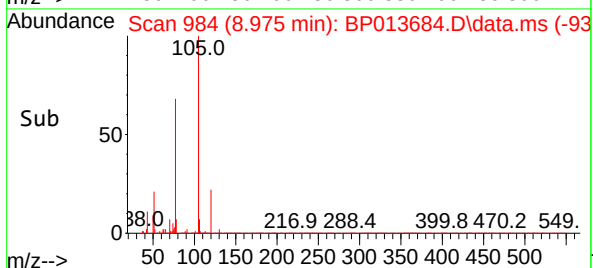
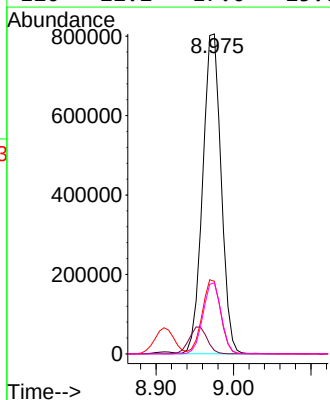
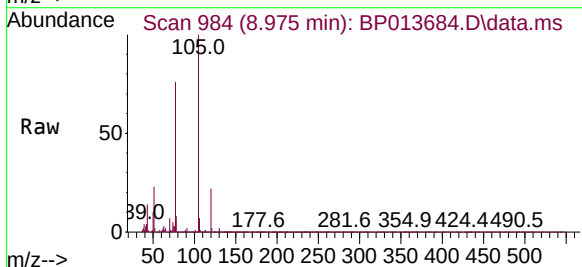
Manual Integrations
APPROVED

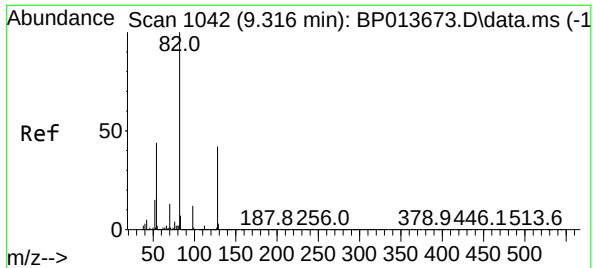
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#22
Acetophenone
Concen: 42.733 ng
RT: 8.975 min Scan# 984
Delta R.T. 0.006 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

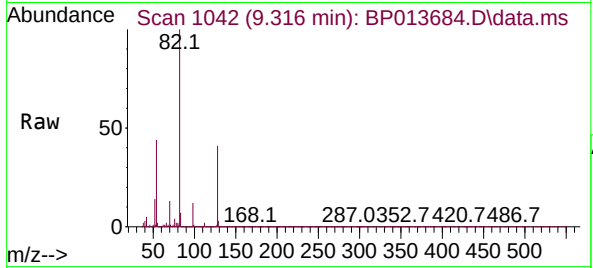
Tgt Ion:105 Resp: 1328988
Ion Ratio Lower Upper
105 100
71 1.1 2.2 3.2#
51 22.7 18.6 27.8
120 22.2 17.0 25.6





#23
Nitrobenzene-d5
Concen: 90.320 ng
RT: 9.316 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

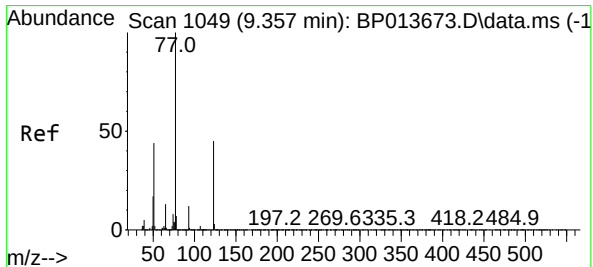
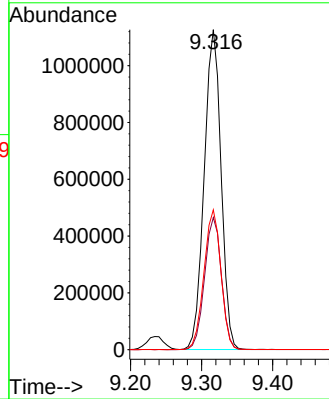
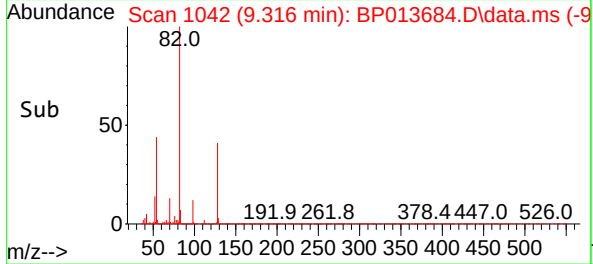
Instrument :
BNA_P
ClientSampleId :
PB150378BS



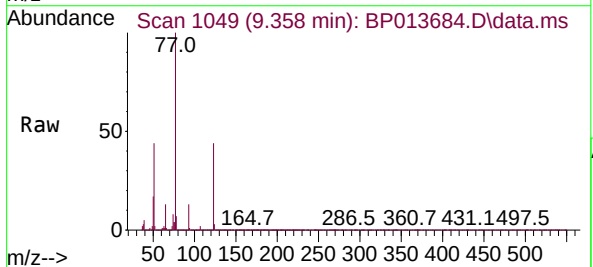
Tgt Ion: 82 Resp: 1851739
Ion Ratio Lower Upper
82 100
128 41.3 33.4 50.0
54 43.7 35.4 53.0

Manual Integrations
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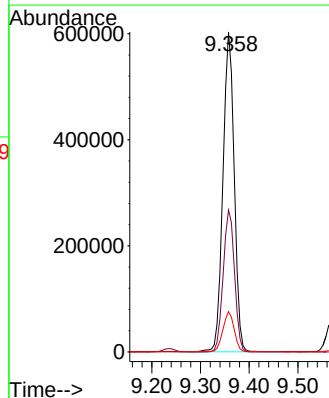
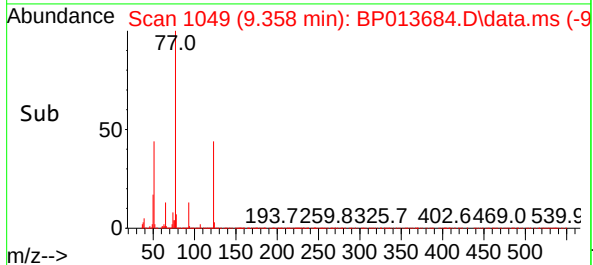
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

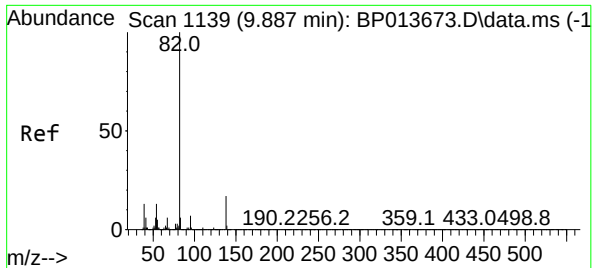


#24
Nitrobenzene
Concen: 43.335 ng
RT: 9.358 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04



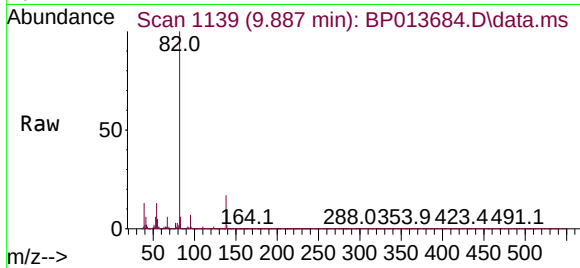
Tgt Ion: 77 Resp: 963682
Ion Ratio Lower Upper
77 100
123 44.3 35.9 53.9
65 12.6 10.2 15.4





#25
Isophorone
Concen: 42.172 ng
RT: 9.887 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

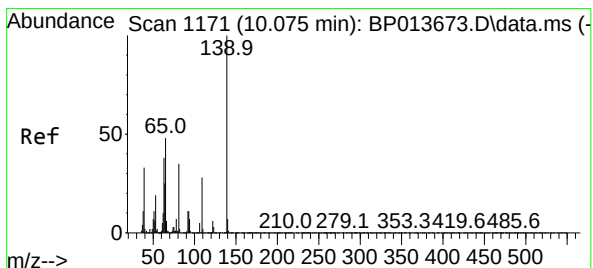
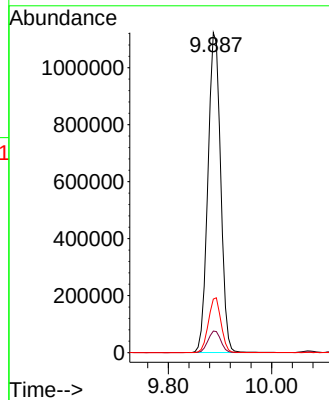
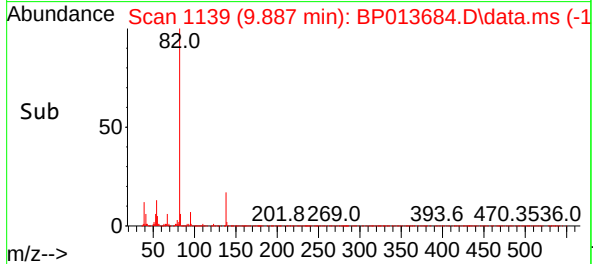
Instrument :
BNA_P
ClientSampleId :
PB150378BS



Tgt Ion: 82 Resp: 191636
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.2
138 16.7 13.9 20.9

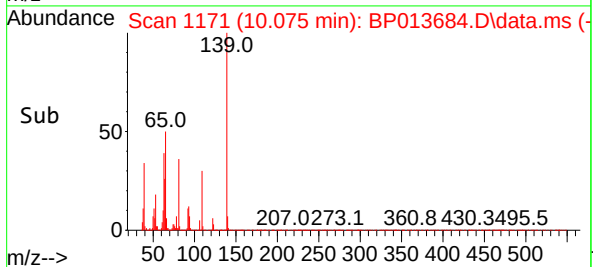
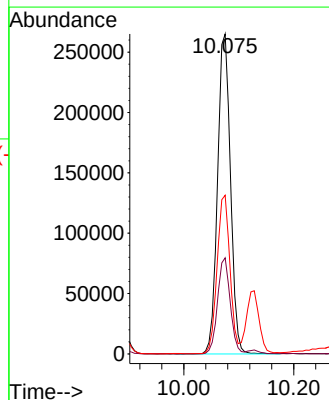
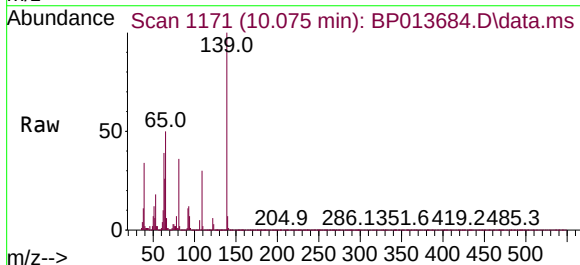
Manual Integrations
APPROVED

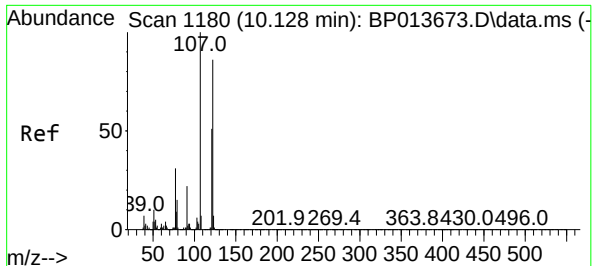
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#26
2-Nitrophenol
Concen: 42.269 ng
RT: 10.075 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

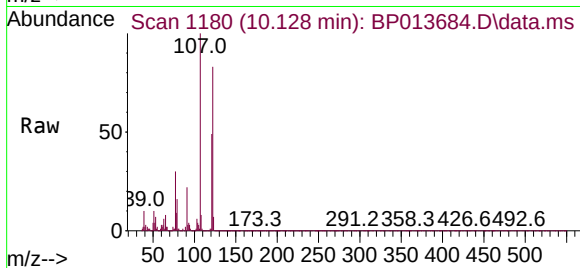
Tgt Ion:139 Resp: 431681
Ion Ratio Lower Upper
139 100
109 30.0 22.7 34.1
65 49.6 38.8 58.2





#27
2,4-Dimethylphenol
Concen: 45.719 ng
RT: 10.128 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

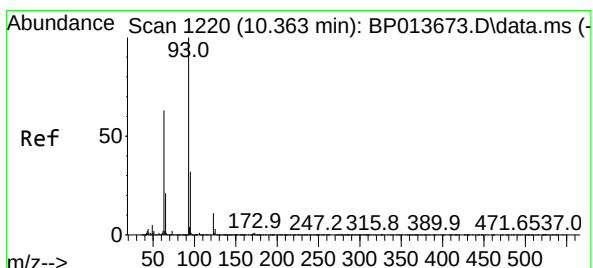
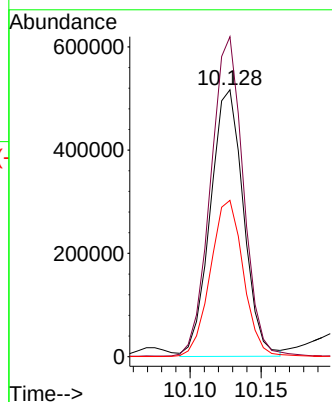
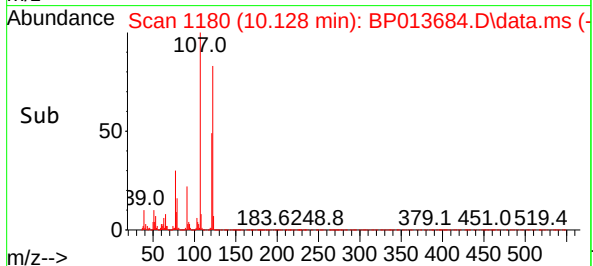
Instrument :
BNA_P
ClientSampleId :
PB150378BS



Tgt Ion: 122 Resp: 838432
Ion Ratio Lower Upper
122 100
107 119.9 93.0 139.6
121 58.5 47.0 70.4

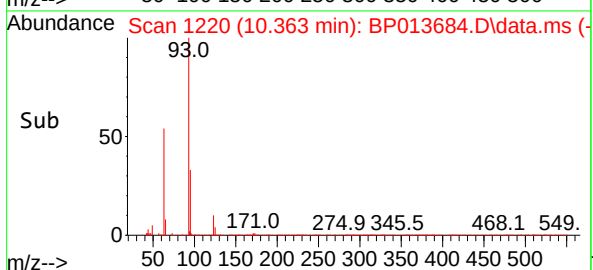
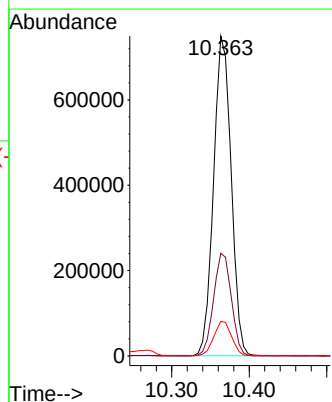
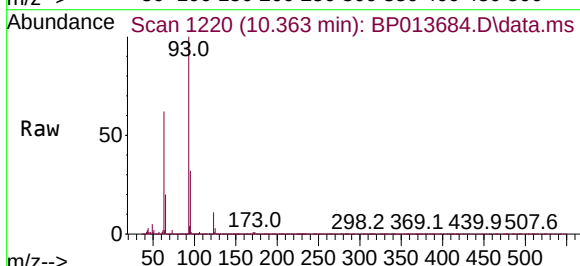
Manual Integrations
APPROVED

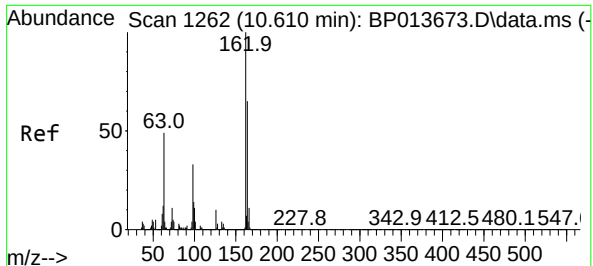
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#28
bis(2-Chloroethoxy)methane
Concen: 43.451 ng
RT: 10.363 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

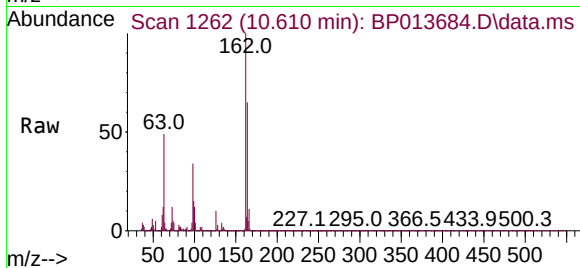
Tgt Ion: 93 Resp: 1183431
Ion Ratio Lower Upper
93 100
95 32.1 26.0 39.0
123 10.8 8.7 13.1





#29
2,4-Dichlorophenol
Concen: 46.264 ng
RT: 10.610 min Scan# 1262
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

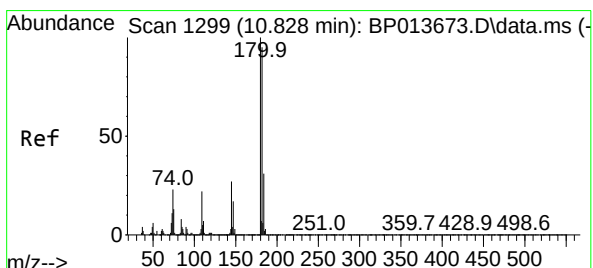
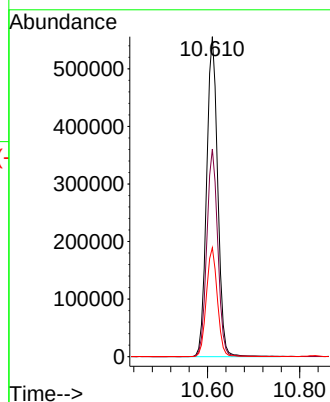
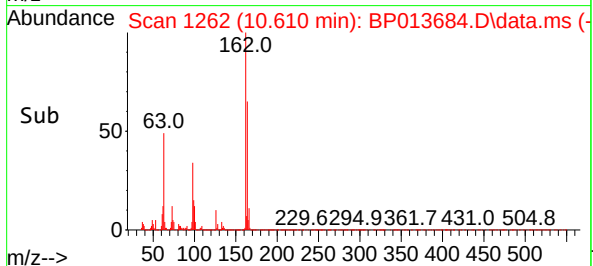
Instrument :
BNA_P
ClientSampleId :
PB150378BS



Tgt Ion:162 Resp: 923449
Ion Ratio Lower Upper
162 100
164 64.9 44.8 84.8
98 34.0 13.4 53.4

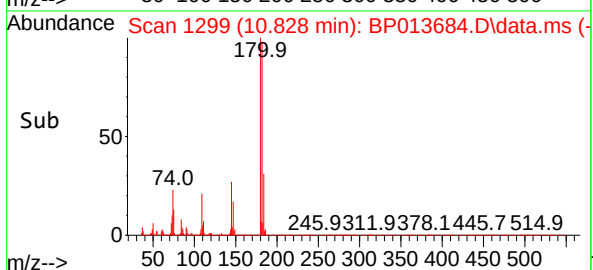
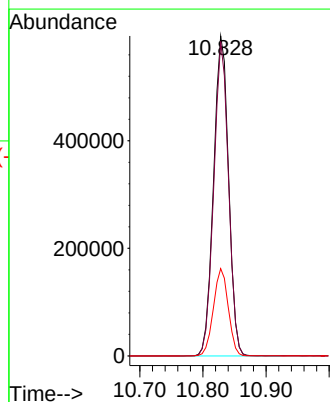
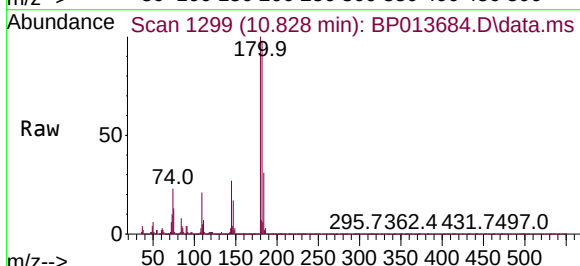
Manual Integrations
APPROVED

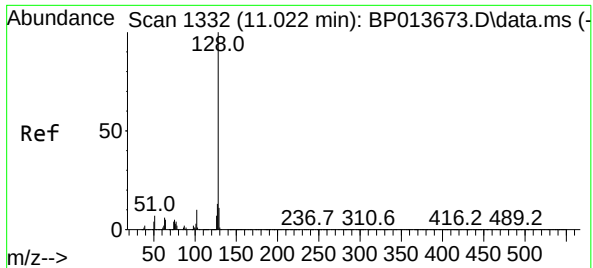
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#30
1,2,4-Trichlorobenzene
Concen: 44.412 ng
RT: 10.828 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

Tgt Ion:180 Resp: 983645
Ion Ratio Lower Upper
180 100
182 98.2 76.4 114.6
145 27.3 21.9 32.9





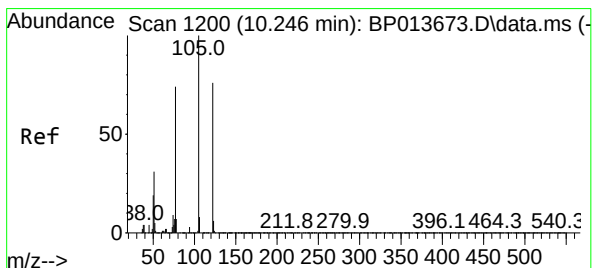
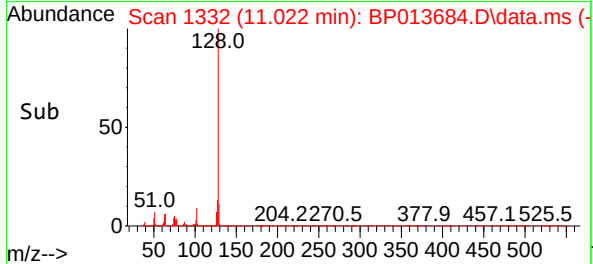
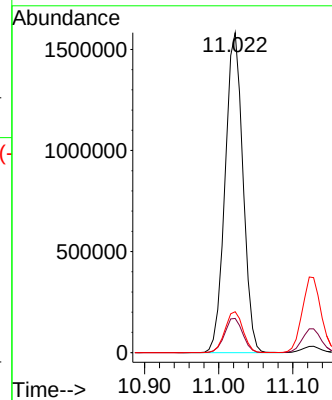
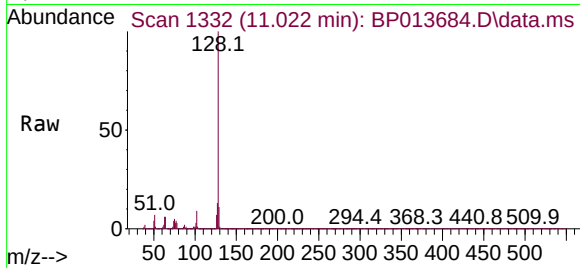
#31
Naphthalene
Concen: 42.109 ng
RT: 11.022 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

Instrument :
BNA_P
ClientSampleId :
PB150378BS

Tgt Ion:128 Resp: 2640523
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 12.8 10.5 15.7

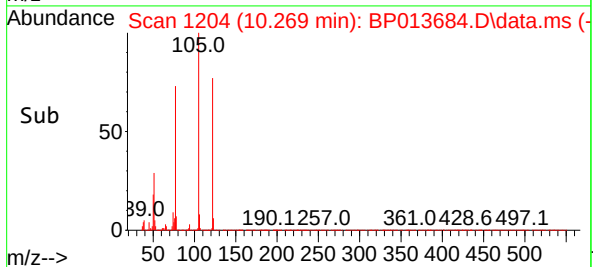
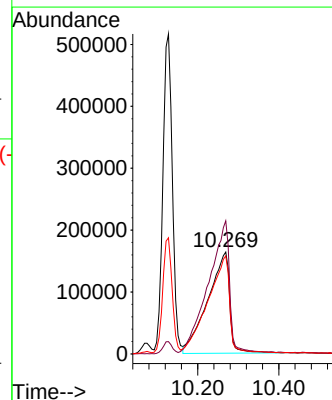
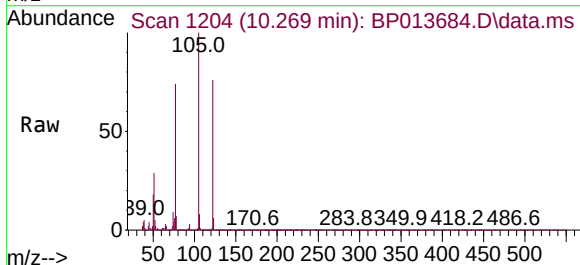
Manual Integrations
APPROVED

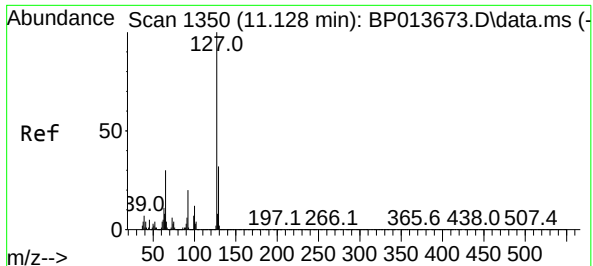
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#32
Benzoic acid
Concen: 42.248 ng
RT: 10.269 min Scan# 1204
Delta R.T. 0.023 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

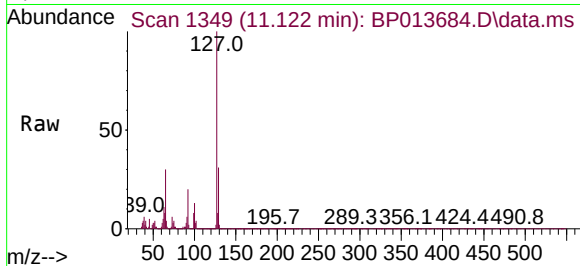
Tgt Ion:122 Resp: 612212
Ion Ratio Lower Upper
122 100
105 130.7 105.5 145.5
77 96.2 74.7 114.7





#33
4-Chloroaniline
Concen: 24.384 ng
RT: 11.122 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

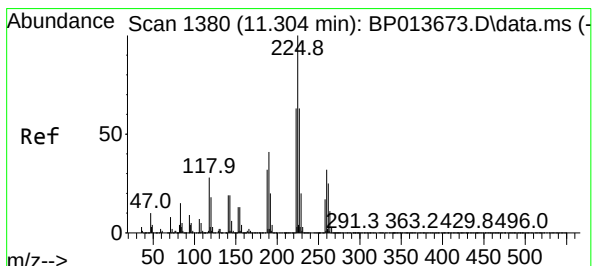
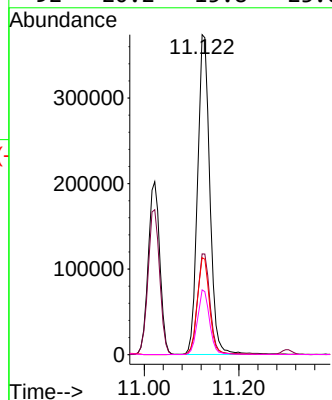
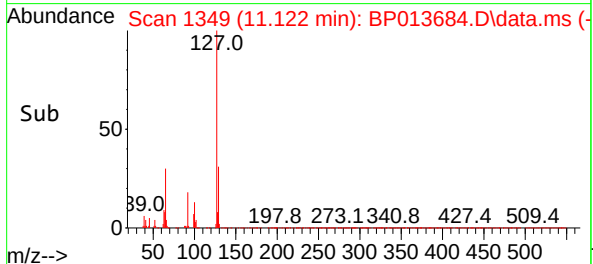
Instrument :
BNA_P
ClientSampleId :
PB150378BS



Tgt Ion:127 Resp: 671860
Ion Ratio Lower Upper
127 100
129 31.5 25.3 37.9
65 30.3 23.8 35.8
92 20.2 15.8 23.6

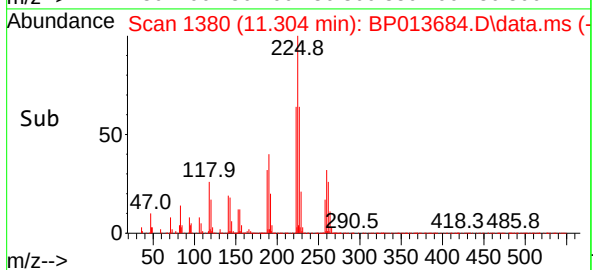
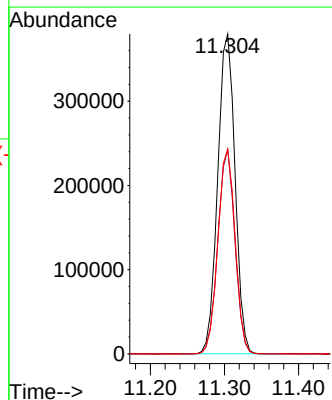
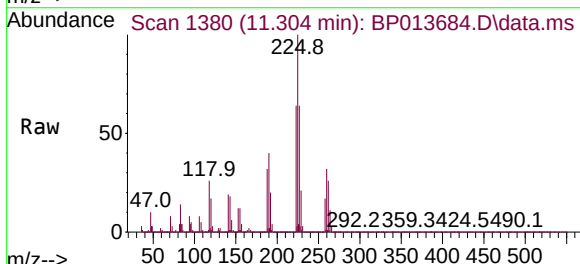
Manual Integrations
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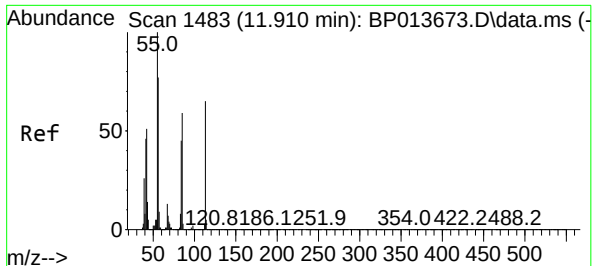
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#34
Hexachlorobutadiene
Concen: 43.889 ng
RT: 11.304 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

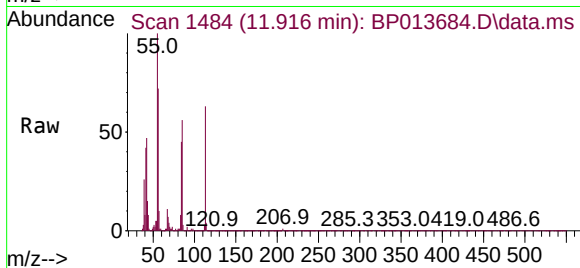
Tgt Ion:225 Resp: 617034
Ion Ratio Lower Upper
225 100
223 63.8 50.5 75.7
227 64.0 50.6 75.8





#35
Caprolactam
Concen: 42.947 ng m
RT: 11.916 min Scan# 1483
Delta R.T. 0.006 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

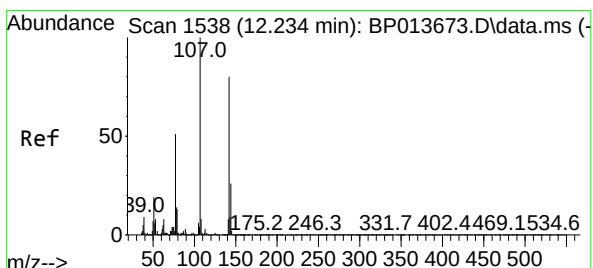
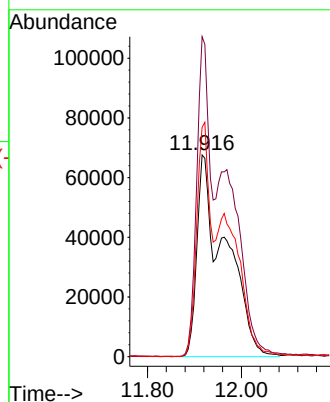
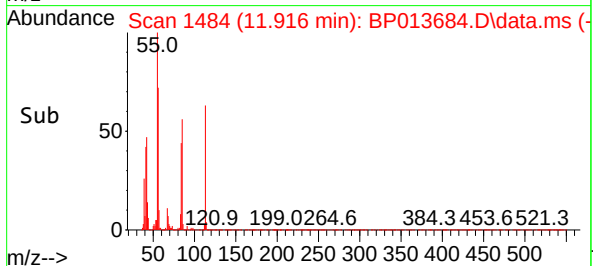
Instrument :
BNA_P
ClientSampleId :
PB150378BS



Tgt Ion:113 Resp: 281525
Ion Ratio Lower Upper
113 100
55 158.7 133.0 173.0
56 113.7 97.4 137.4

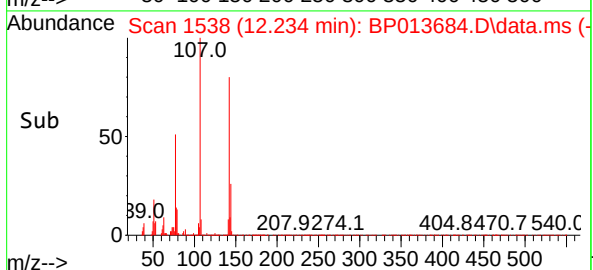
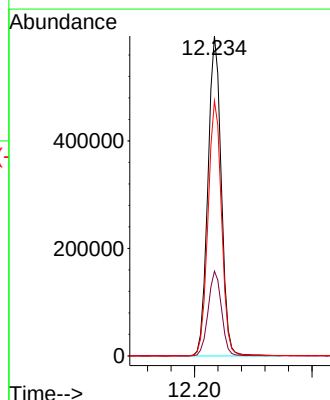
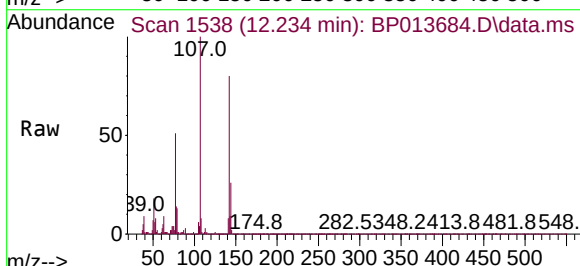
Manual Integrations
APPROVED

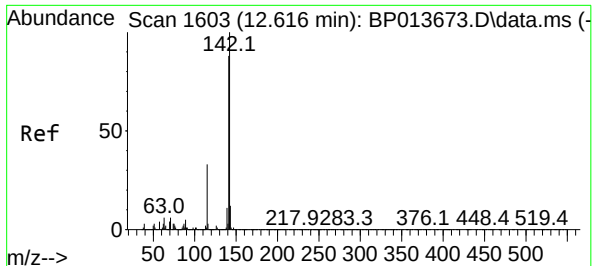
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#36
4-Chloro-3-methylphenol
Concen: 44.694 ng
RT: 12.234 min Scan# 1538
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

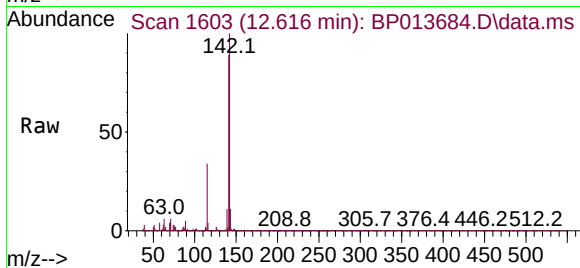
Tgt Ion:107 Resp: 938418
Ion Ratio Lower Upper
107 100
144 26.5 20.8 31.2
142 79.7 64.0 96.0





#37
2-Methylnaphthalene
Concen: 40.298 ng
RT: 12.616 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

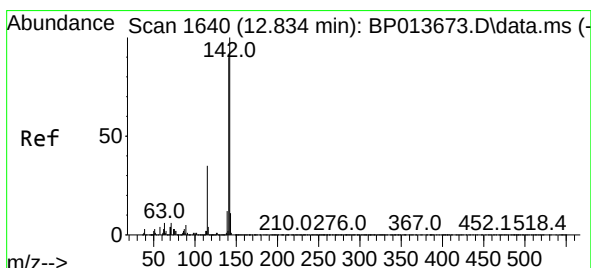
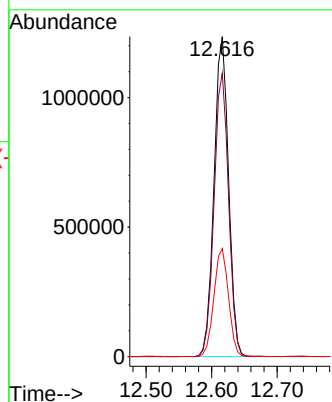
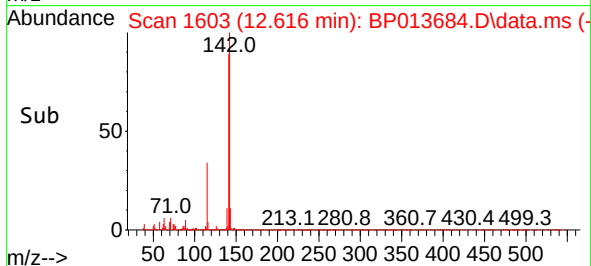
Instrument :
BNA_P
ClientSampleId :
PB150378BS



Tgt Ion:142 Resp: 1900062
Ion Ratio Lower Upper
142 100
141 88.6 70.3 105.5
115 33.8 26.4 39.6

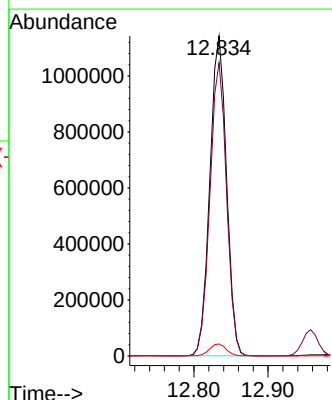
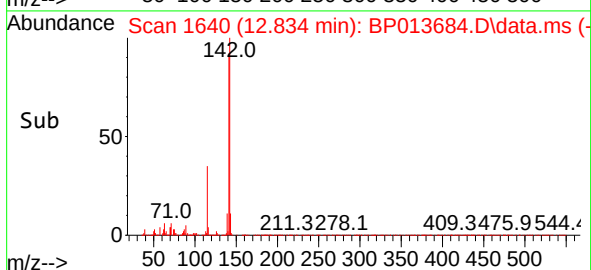
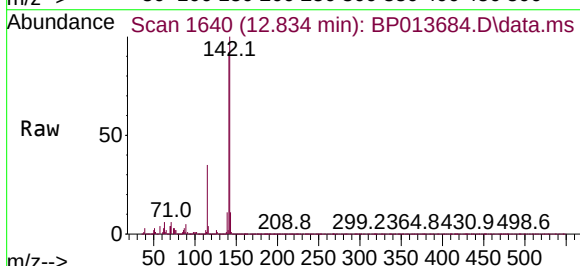
Manual Integrations
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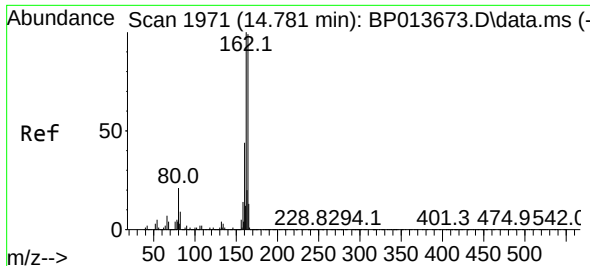
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#38
1-Methylnaphthalene
Concen: 40.277 ng
RT: 12.834 min Scan# 1640
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

Tgt Ion:142 Resp: 1783880
Ion Ratio Lower Upper
142 100
141 91.6 72.2 108.4
116 3.7 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.775 min Scan# 1971

Delta R.T. -0.006 min

Lab File: BP013684.D

Acq: 31 Jan 2023 21:04

Instrument :

BNA_P

ClientSampleId :

PB150378BS

Tgt Ion:164 Resp: 801024

Ion Ratio Lower Upper

164 100

162 101.0 80.8 121.2

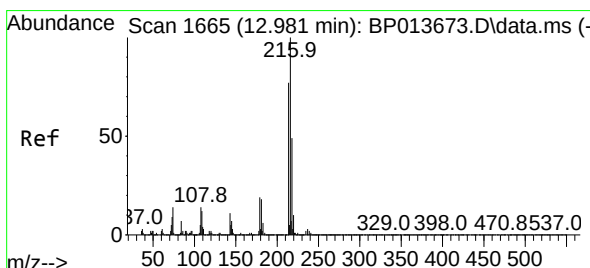
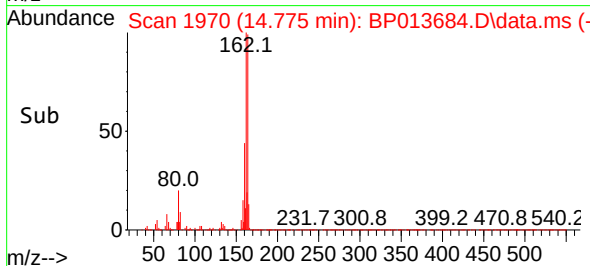
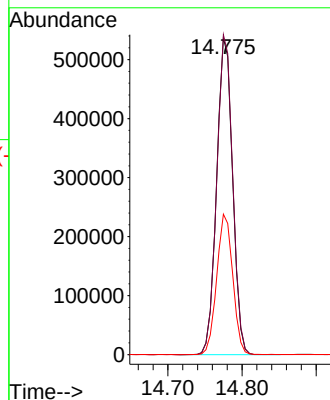
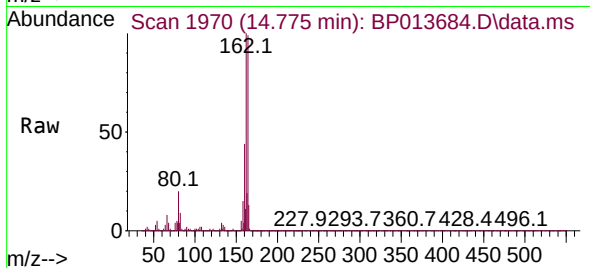
160 44.3 35.6 53.4

Manual Integrations

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Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.410 ng

RT: 12.981 min Scan# 1665

Delta R.T. -0.000 min

Lab File: BP013684.D

Acq: 31 Jan 2023 21:04

Tgt Ion:216 Resp: 1187147

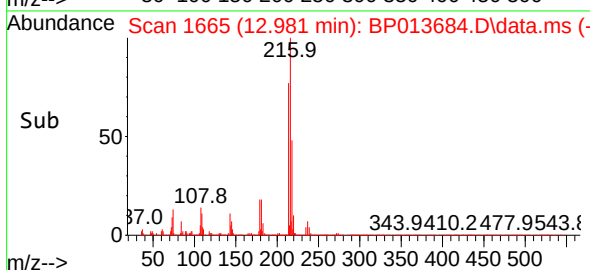
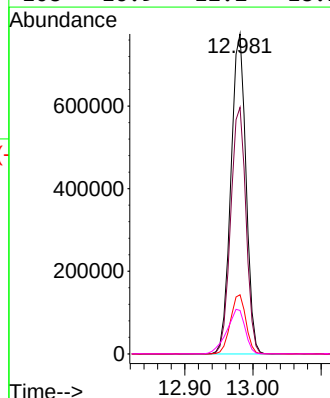
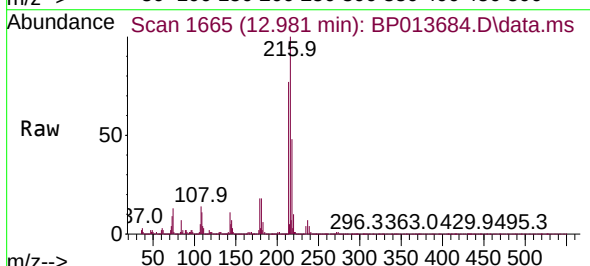
Ion Ratio Lower Upper

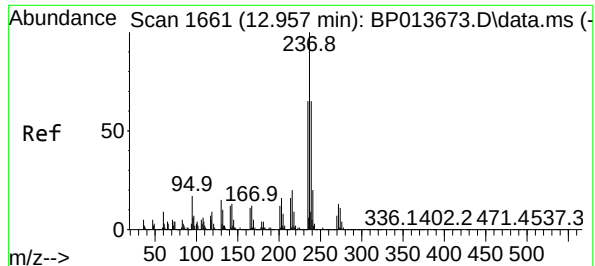
216 100

214 78.1 62.6 94.0

179 18.9 15.2 22.8

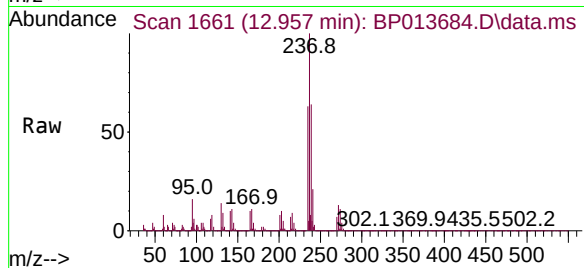
108 16.9 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 107.923 ng
RT: 12.957 min Scan# 1661
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

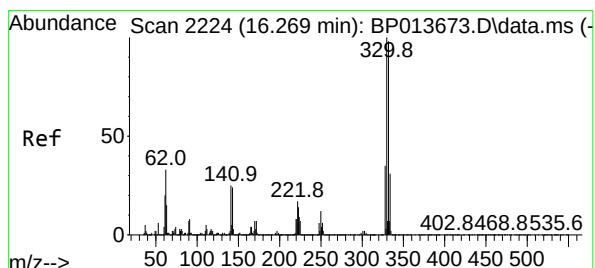
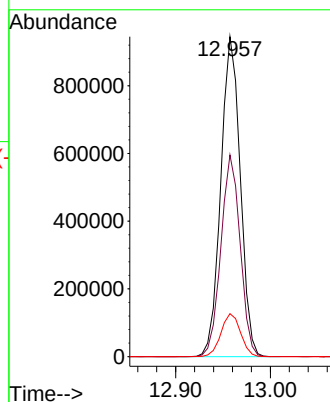
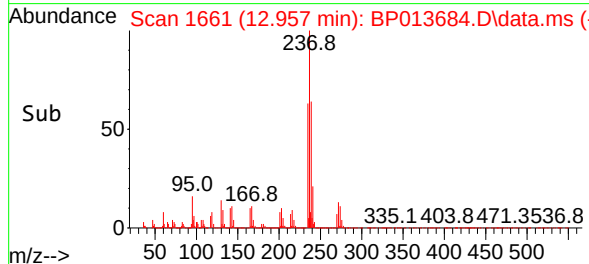
Instrument :
BNA_P
ClientSampleId :
PB150378BS



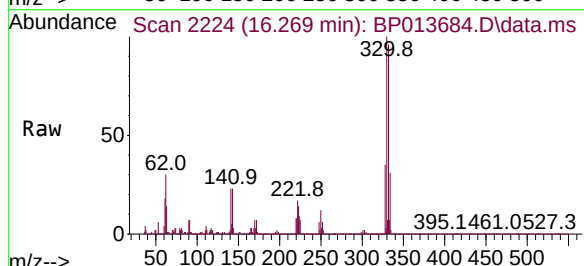
Tgt Ion:237 Resp: 1347081
Ion Ratio Lower Upper
237 100
235 63.0 44.6 84.6
272 13.4 0.0 33.2

Manual Integrations
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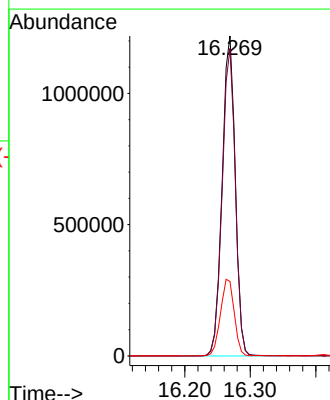
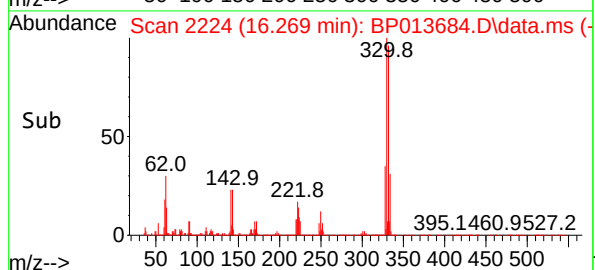
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

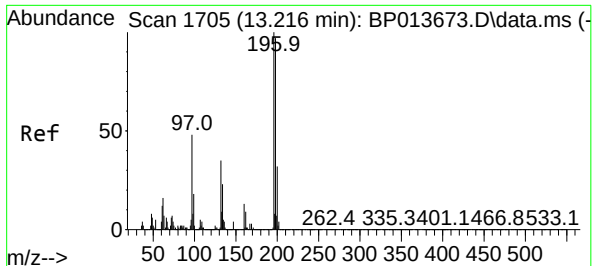


#42
2,4,6-Tribromophenol
Concen: 141.285 ng
RT: 16.269 min Scan# 2224
Delta R.T. -0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04



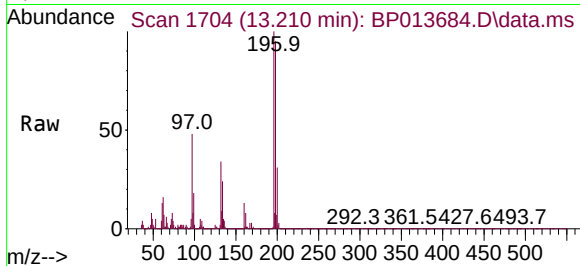
Tgt Ion:330 Resp: 1697472
Ion Ratio Lower Upper
330 100
332 96.0 77.4 116.2
141 25.2 21.3 31.9





#43
2,4,6-Trichlorophenol
Concen: 45.326 ng
RT: 13.210 min Scan# 1704
Delta R.T. -0.006 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

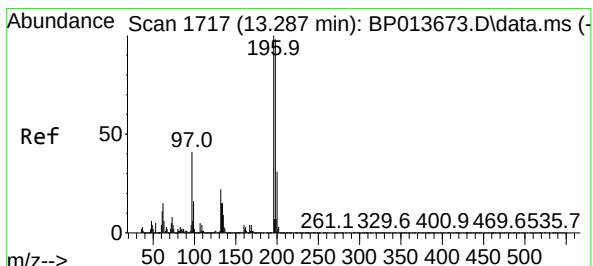
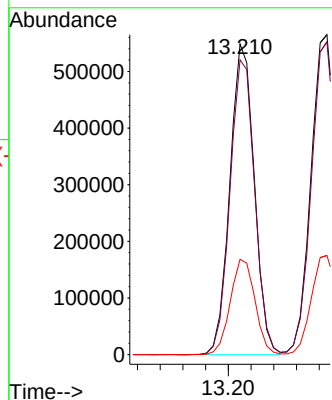
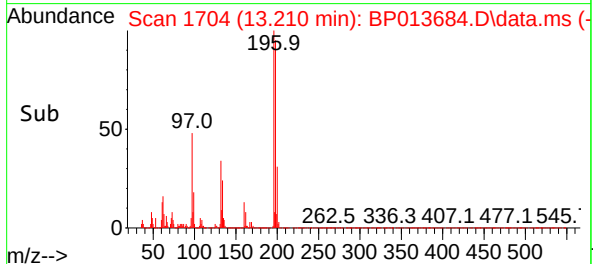
Instrument :
BNA_P
ClientSampleId :
PB150378BS



Tgt Ion:196 Resp: 816214
Ion Ratio Lower Upper
196 100
198 94.9 77.5 116.3
200 30.7 25.3 37.9

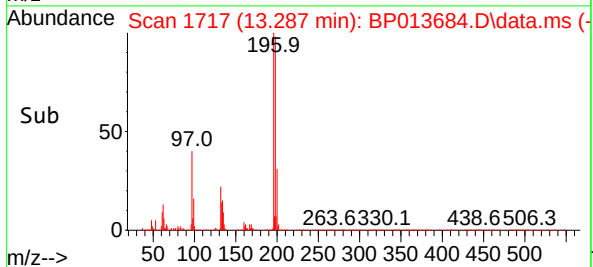
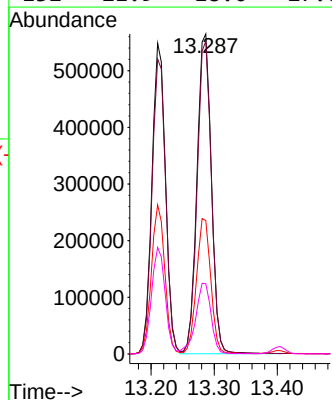
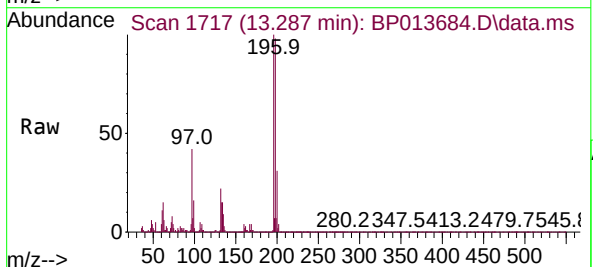
Manual Integrations
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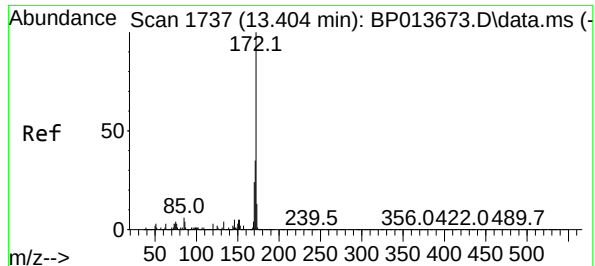
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#44
2,4,5-Trichlorophenol
Concen: 42.502 ng
RT: 13.287 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

Tgt Ion:196 Resp: 896098
Ion Ratio Lower Upper
196 100
198 97.7 78.2 117.2
97 41.7 33.2 49.8
132 21.9 18.0 27.0





#45

2-Fluorobiphenyl

Concen: 85.186 ng

RT: 13.404 min Scan# 1737

Delta R.T. 0.000 min

Lab File: BP013684.D

Acq: 31 Jan 2023 21:04

Instrument :

BNA_P

ClientSampleId :

PB150378BS

Tgt Ion:172 Resp: 4876543

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.2

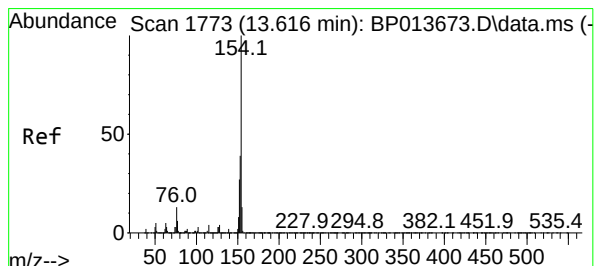
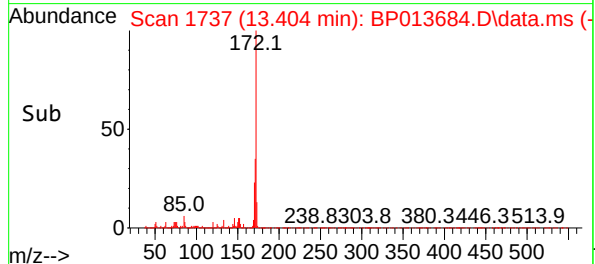
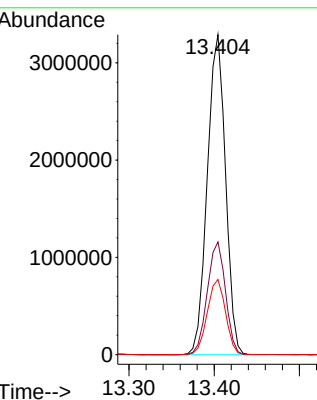
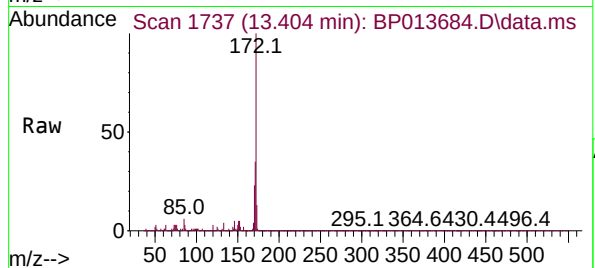
170 23.5 19.0 28.4

Manual Integrations

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Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#46

1,1'-Biphenyl

Concen: 42.552 ng

RT: 13.610 min Scan# 1772

Delta R.T. -0.006 min

Lab File: BP013684.D

Acq: 31 Jan 2023 21:04

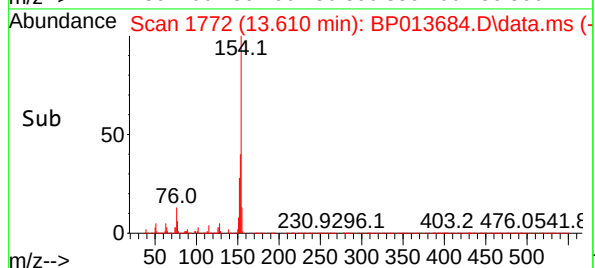
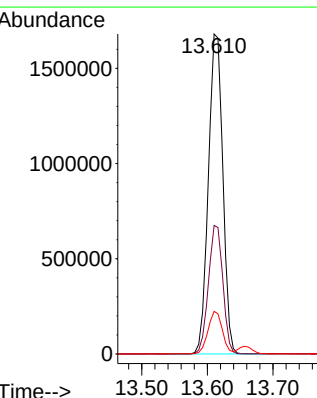
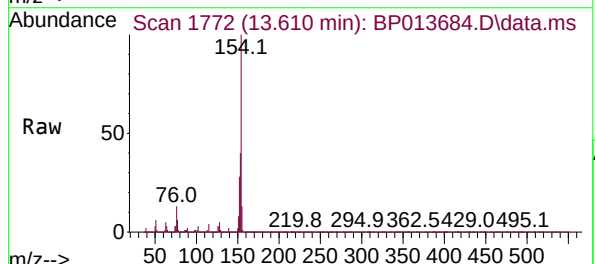
Tgt Ion:154 Resp: 2579371

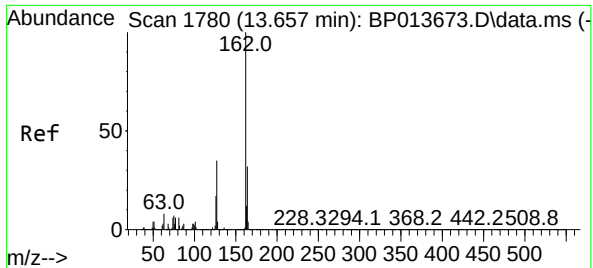
Ion Ratio Lower Upper

154 100

153 40.1 19.3 59.3

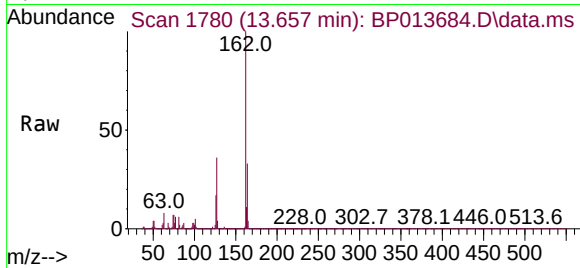
76 13.3 0.0 33.1





#47
2-Chloronaphthalene
Concen: 42.789 ng
RT: 13.657 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

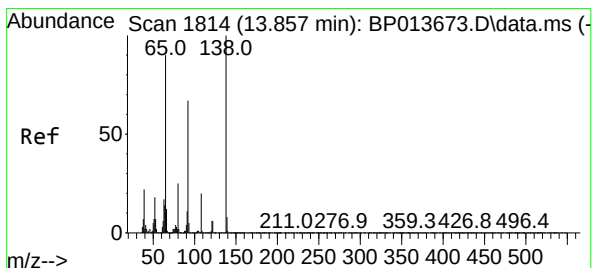
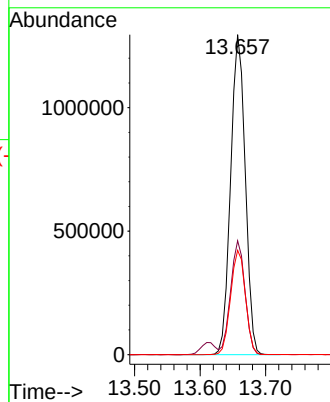
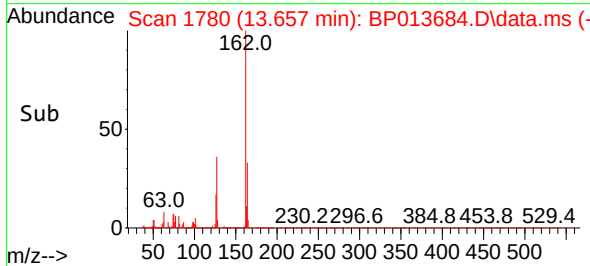
Instrument :
BNA_P
ClientSampleId :
PB150378BS



Tgt Ion: 162 Resp: 2004868
Ion Ratio Lower Upper
162 100
127 35.6 28.3 42.5
164 32.6 25.9 38.9

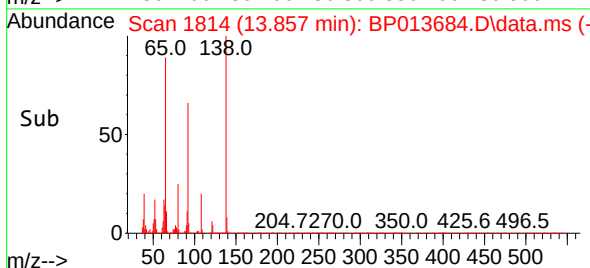
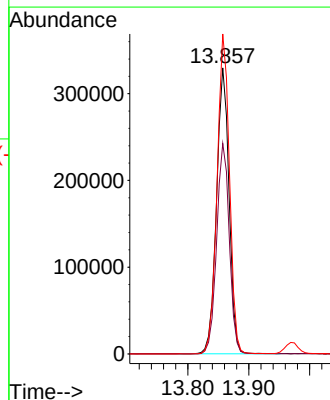
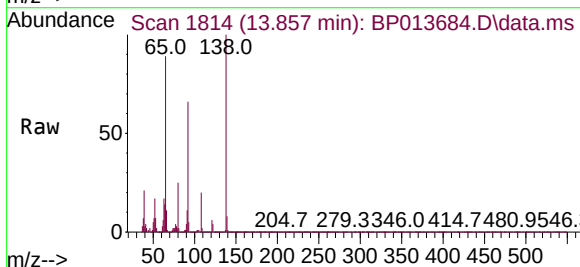
Manual Integrations
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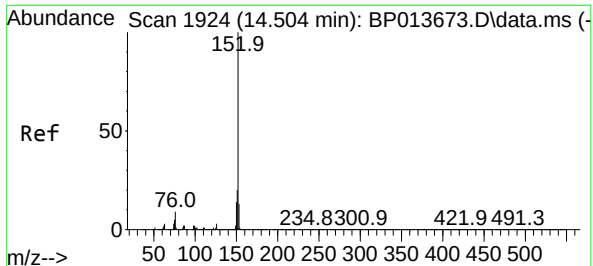
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#48
2-Nitroaniline
Concen: 40.830 ng
RT: 13.857 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

Tgt Ion: 65 Resp: 471762
Ion Ratio Lower Upper
65 100
92 73.6 59.4 89.0
138 111.9 88.6 133.0





#49

Acenaphthylene

Concen: 42.163 ng

RT: 14.498 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BP013684.D

Acq: 31 Jan 2023 21:04

Instrument :

BNA_P

ClientSampleId :

PB150378BS

Tgt Ion:152 Resp: 318587

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.6

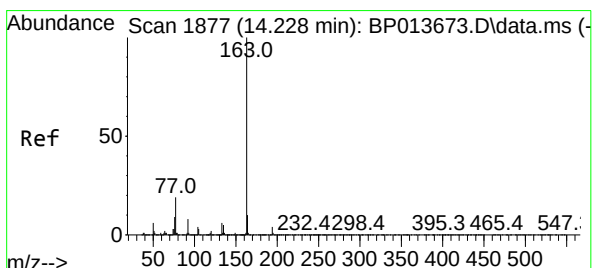
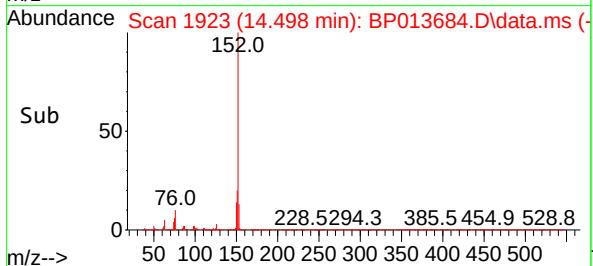
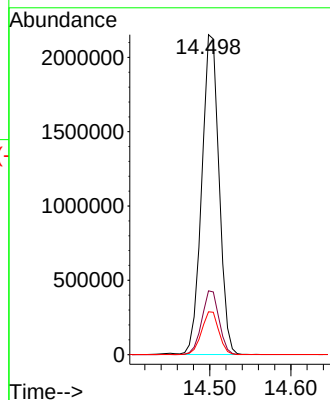
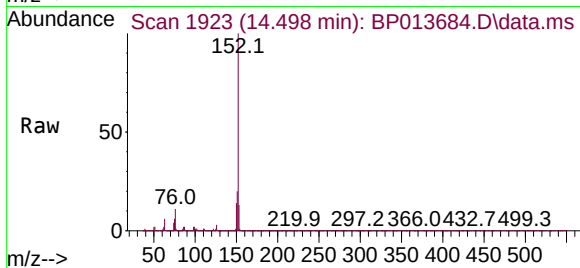
153 13.4 10.4 15.6

Manual Integrations

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Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#50

Dimethylphthalate

Concen: 42.891 ng

RT: 14.228 min Scan# 1877

Delta R.T. -0.000 min

Lab File: BP013684.D

Acq: 31 Jan 2023 21:04

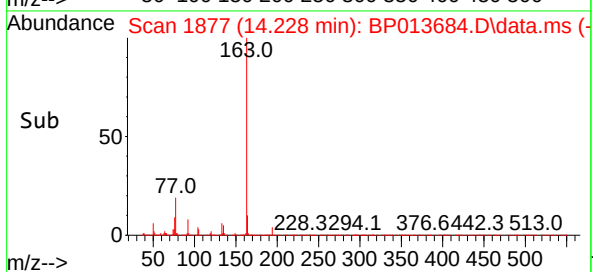
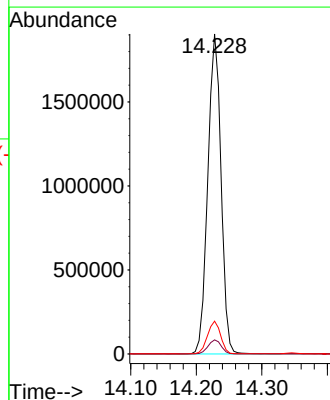
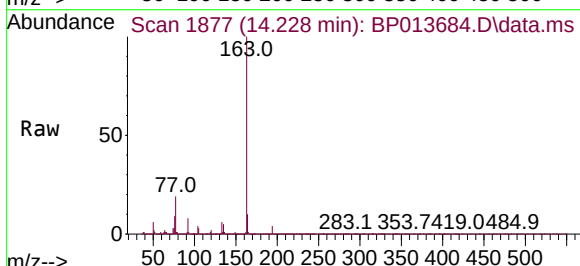
Tgt Ion:163 Resp: 2657412

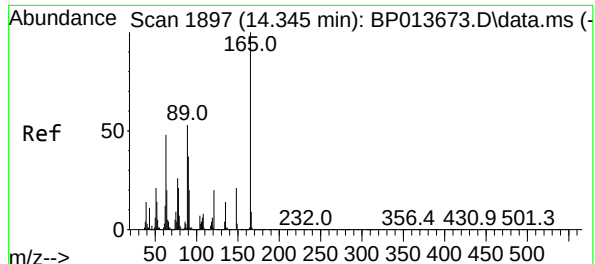
Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

164 10.2 8.4 12.6





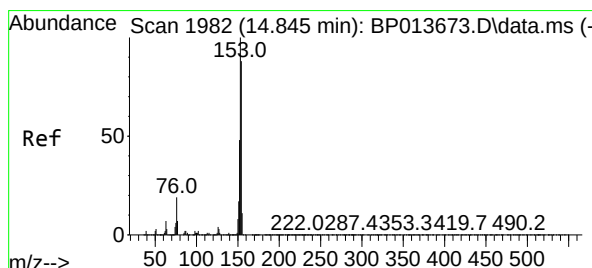
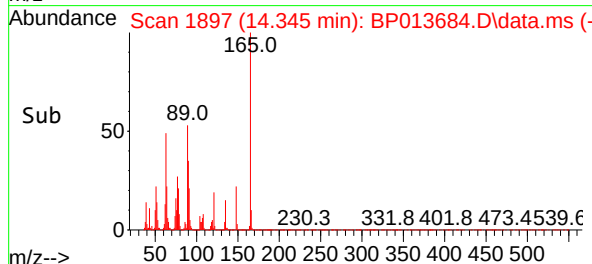
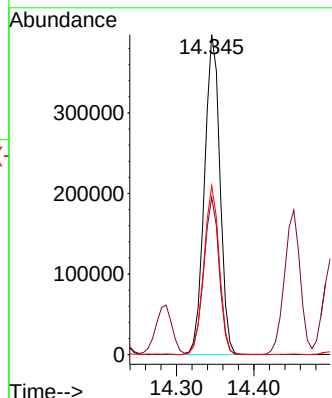
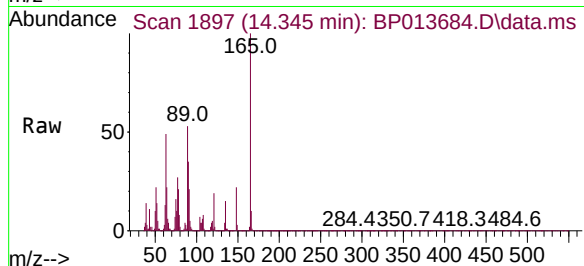
#51
2,6-Dinitrotoluene
Concen: 43.527 ng
RT: 14.345 min Scan# 1897
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

Instrument :
BNA_P
ClientSampleId :
PB150378BS

Tgt Ion:165 Resp: 550559
Ion Ratio Lower Upper
165 100
63 49.1 39.8 59.6
89 52.8 42.4 63.6

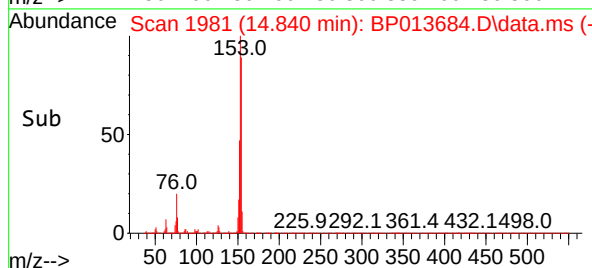
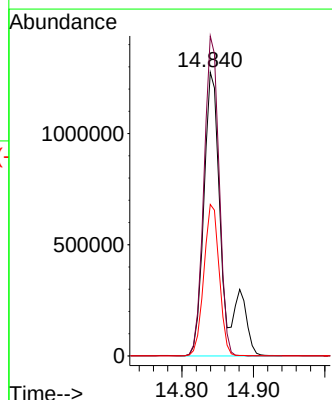
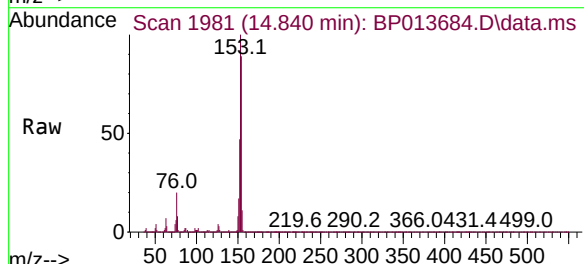
Manual Integrations
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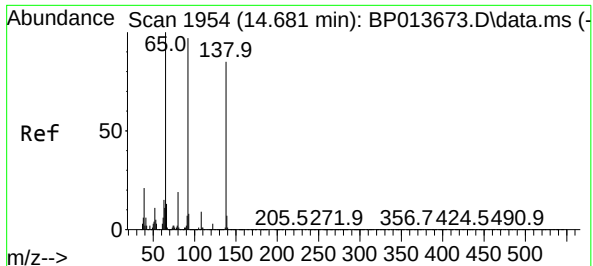
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#52
Acenaphthene
Concen: 46.984 ng m
RT: 14.840 min Scan# 1981
Delta R.T. -0.005 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

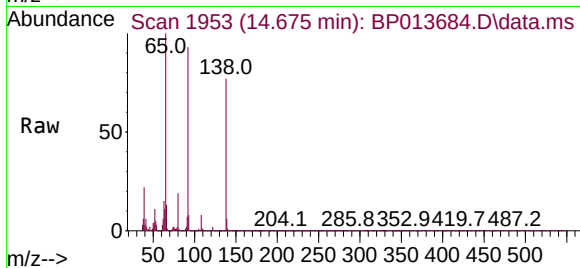
Tgt Ion:154 Resp: 2285561
Ion Ratio Lower Upper
154 100
153 112.8 90.6 135.8
152 53.4 43.4 65.0





#53
3-Nitroaniline
Concen: 33.113 ng
RT: 14.675 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

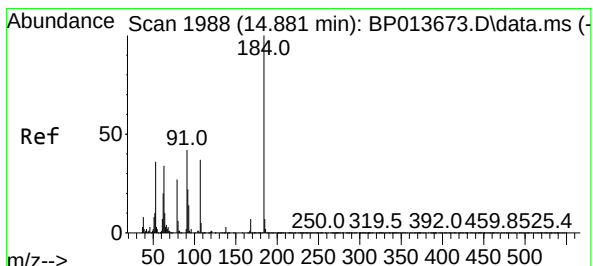
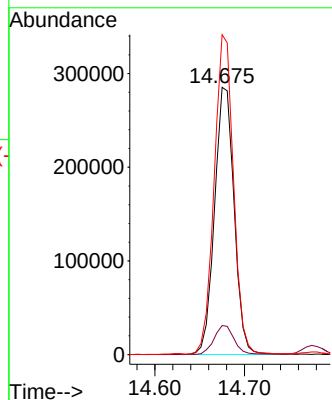
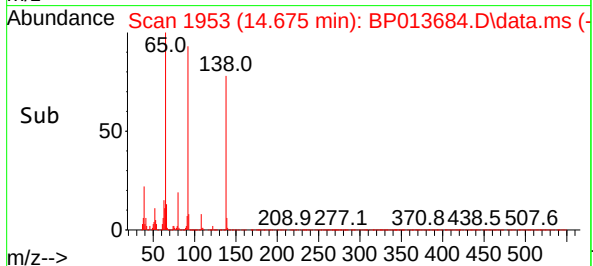
Instrument :
BNA_P
ClientSampleId :
PB150378BS



Tgt Ion:138 Resp: 435346
Ion Ratio Lower Upper
138 100
108 10.9 8.5 12.7
92 119.7 91.5 137.3

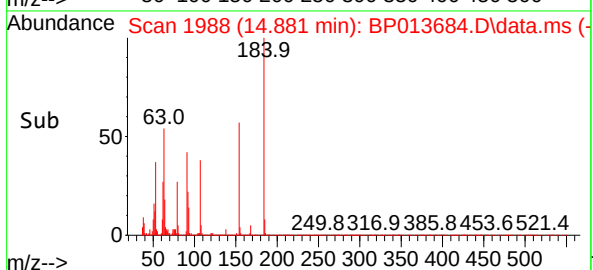
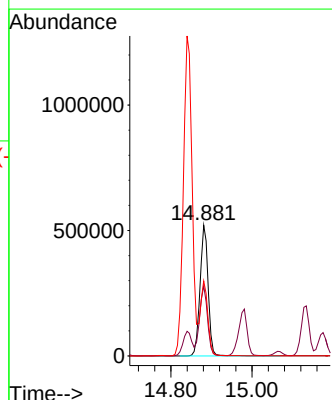
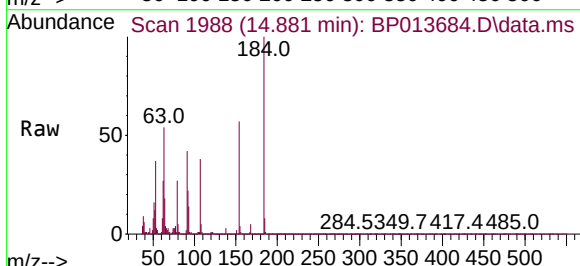
Manual Integrations
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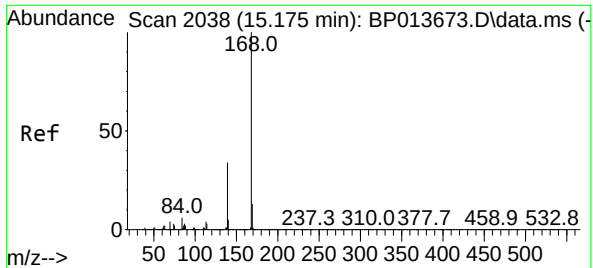
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#54
2,4-Dinitrophenol
Concen: 85.614 ng
RT: 14.881 min Scan# 1988
Delta R.T. -0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

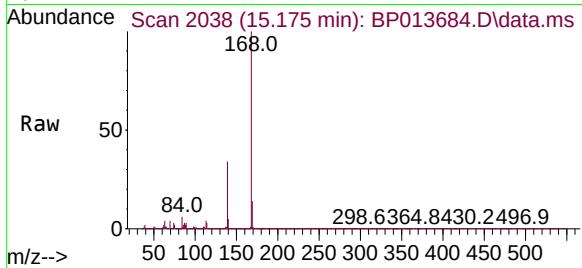
Tgt Ion:184 Resp: 715278
Ion Ratio Lower Upper
184 100
63 53.6 41.4 62.0
154 57.4 44.3 66.5





#55
Dibenzenofuran
Concen: 41.406 ng
RT: 15.175 min Scan# 2038
Delta R.T. -0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

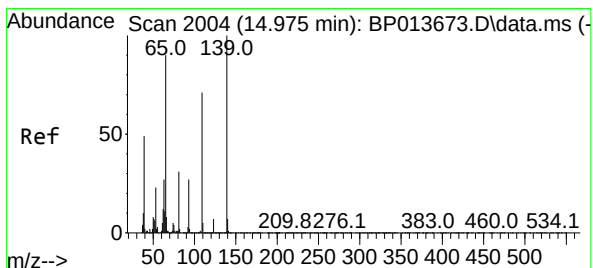
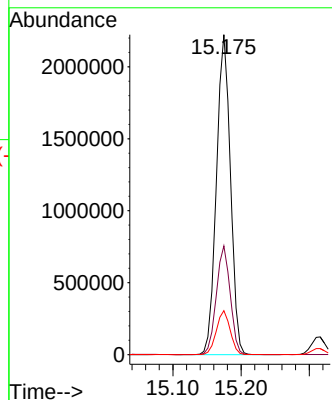
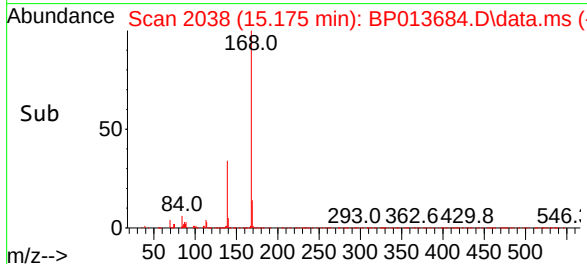
Instrument :
BNA_P
ClientSampleId :
PB150378BS



Tgt Ion:168 Resp: 3152288
Ion Ratio Lower Upper
168 100
139 34.0 27.4 41.2
169 13.7 10.7 16.1

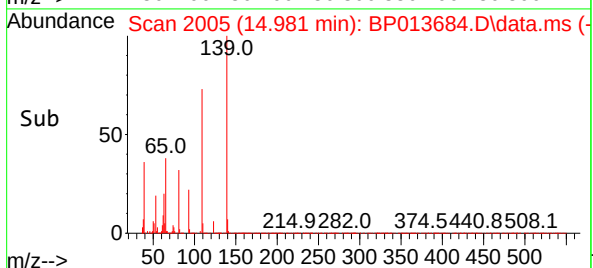
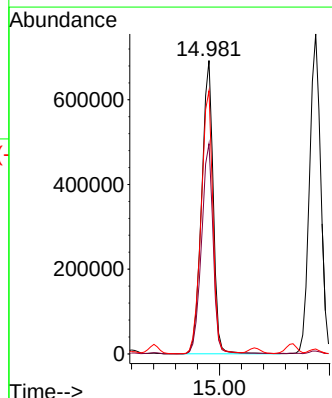
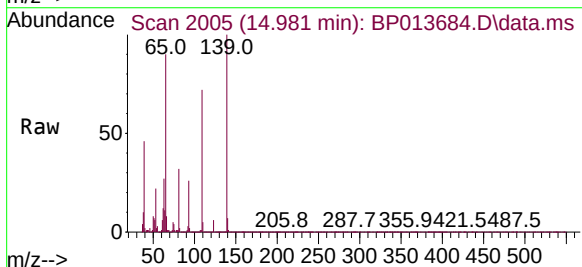
Manual Integrations
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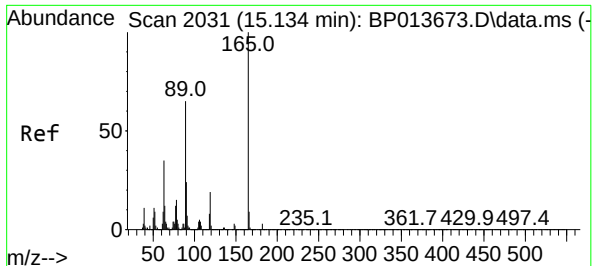
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#56
4-Nitrophenol
Concen: 94.052 ng
RT: 14.981 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

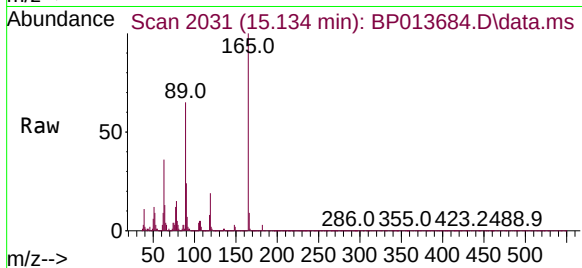
Tgt Ion:139 Resp: 1010325
Ion Ratio Lower Upper
139 100
109 71.7 50.9 90.9
65 89.7 70.0 110.0





#57
2,4-Dinitrotoluene
Concen: 44.321 ng
RT: 15.134 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

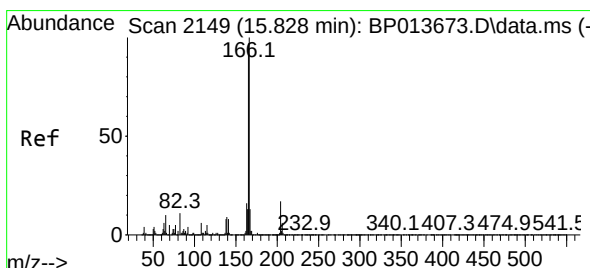
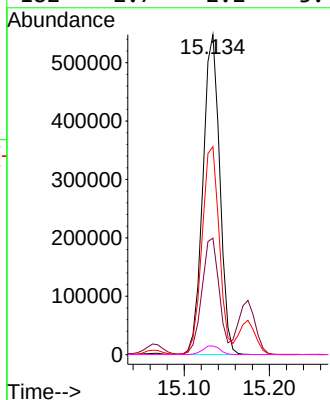
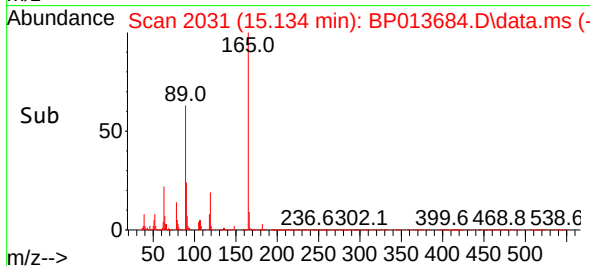
Instrument :
BNA_P
ClientSampleId :
PB150378BS



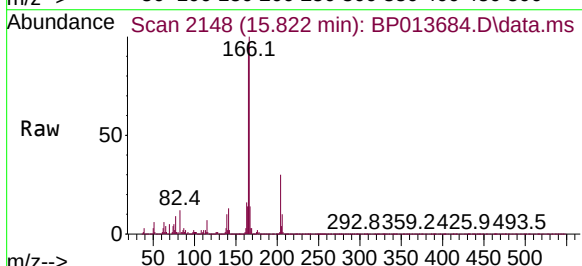
Tgt Ion:165 Resp: 751250
Ion Ratio Lower Upper
165 100
63 36.4 28.1 42.1
89 65.0 52.0 78.0
182 2.7 2.2 3.4

Manual Integrations
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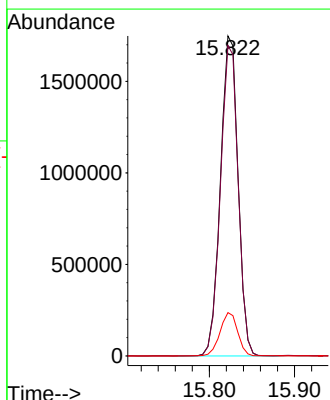
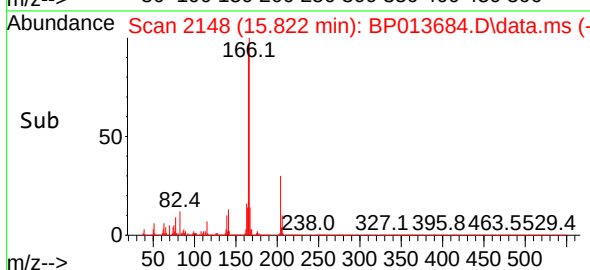
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

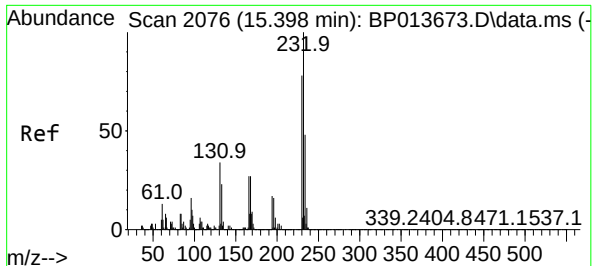


#58
Fluorene
Concen: 41.965 ng
RT: 15.822 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04



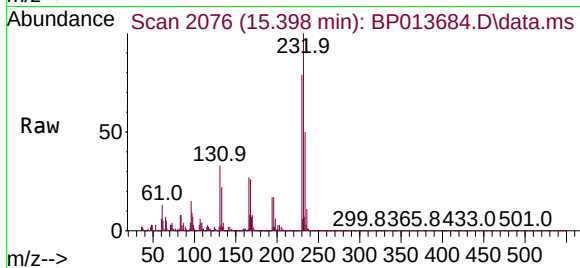
Tgt Ion:166 Resp: 2508341
Ion Ratio Lower Upper
166 100
165 97.0 77.6 116.4
167 13.5 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.384 ng
RT: 15.398 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

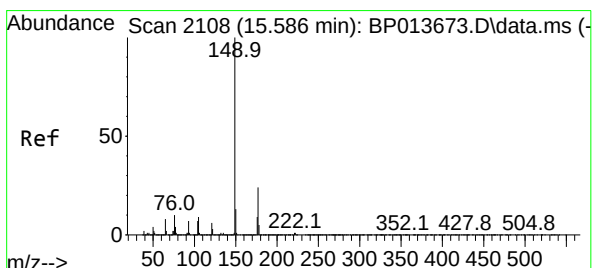
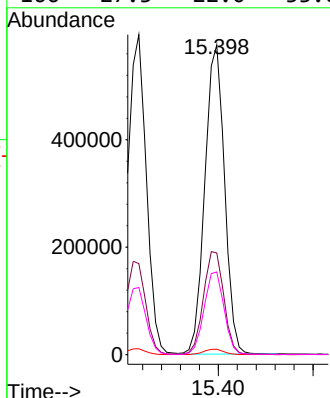
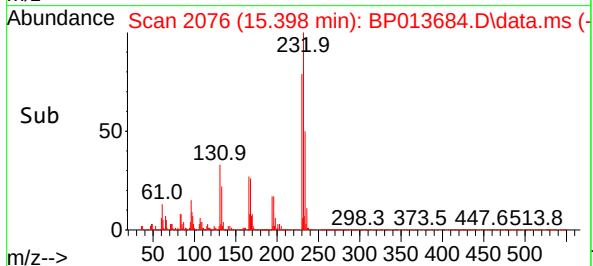
Instrument :
BNA_P
ClientSampleId :
PB150378BS



Tgt Ion:232 Resp: 832052
Ion Ratio Lower Upper
232 100
131 34.4 27.9 41.9
130 1.8 1.4 2.0
166 27.3 22.0 33.0

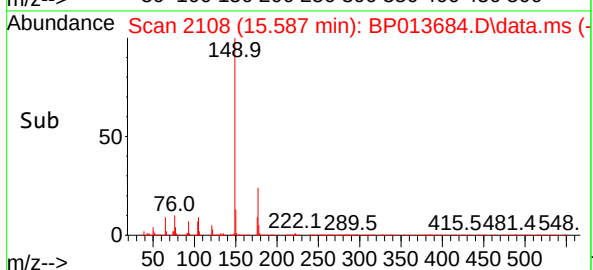
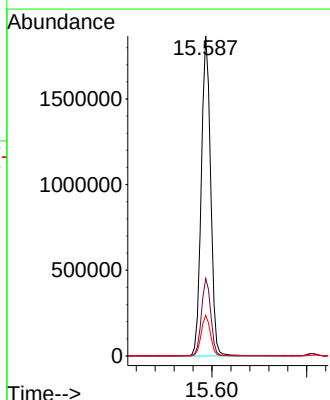
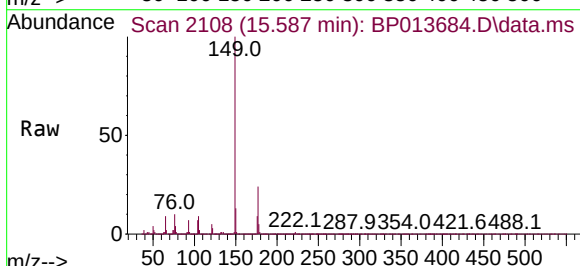
Manual Integrations
APPROVED

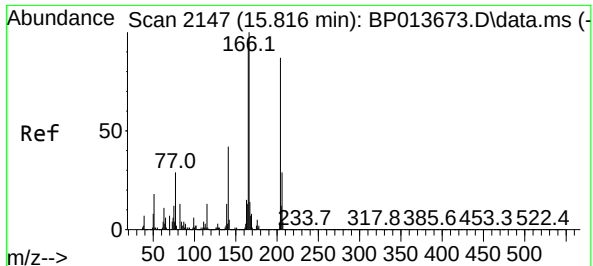
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#60
Diethylphthalate
Concen: 42.968 ng
RT: 15.587 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

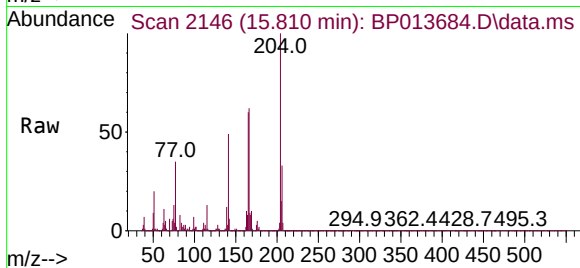
Tgt Ion:149 Resp: 2552116
Ion Ratio Lower Upper
149 100
177 24.2 19.2 28.8
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 42.310 ng
RT: 15.810 min Scan# 2147
Delta R.T. -0.006 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

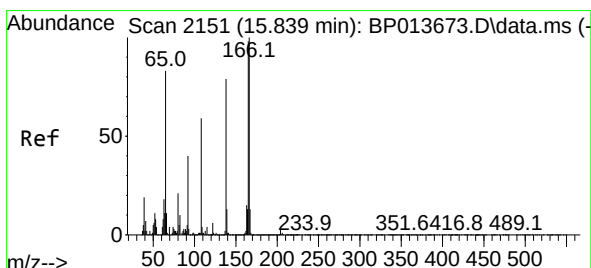
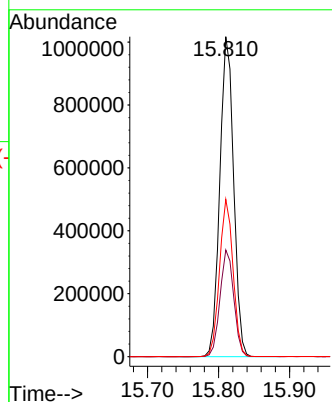
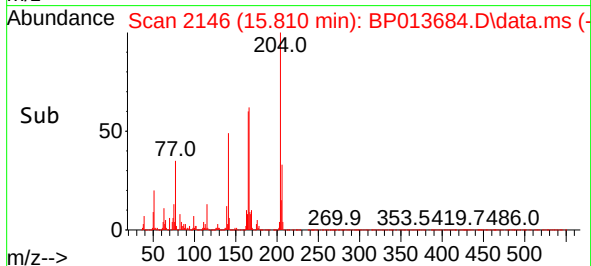
Instrument :
BNA_P
ClientSampleId :
PB150378BS



Tgt Ion:204 Resp: 137716
Ion Ratio Lower Upper
204 100
206 33.3 26.6 40.0
141 49.1 38.1 57.1

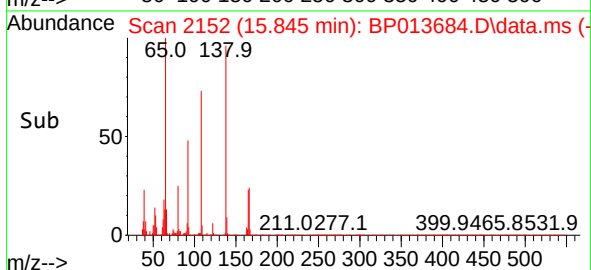
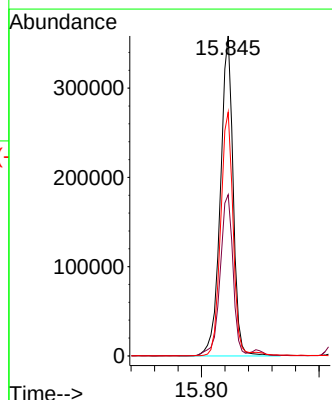
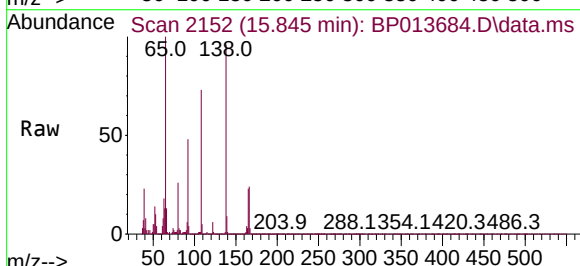
Manual Integrations
APPROVED

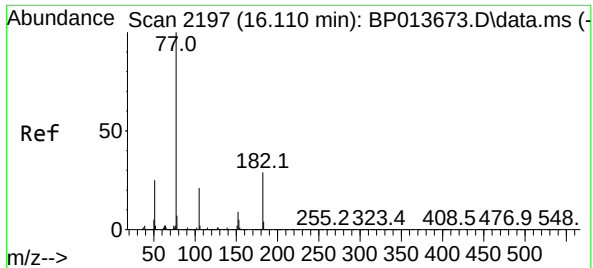
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#62
4-Nitroaniline
Concen: 40.362 ng
RT: 15.845 min Scan# 2152
Delta R.T. 0.006 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

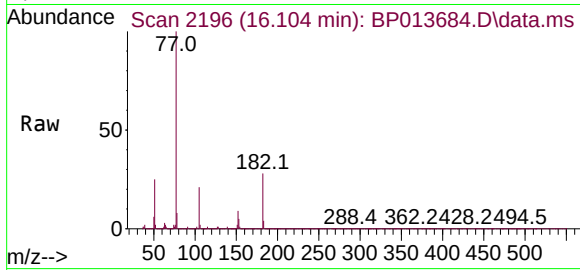
Tgt Ion:138 Resp: 540433
Ion Ratio Lower Upper
138 100
92 50.4 30.3 70.3
108 76.2 55.4 95.4





#63
Azobenzene
Concen: 42.530 ng
RT: 16.104 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

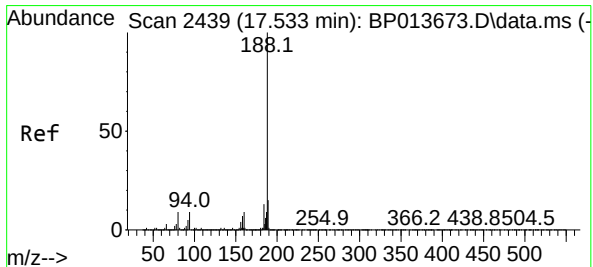
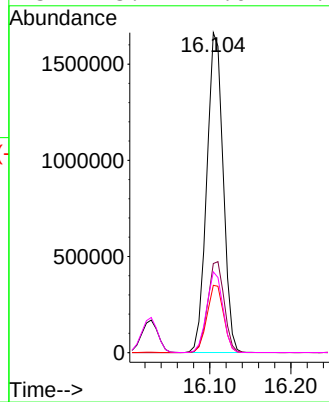
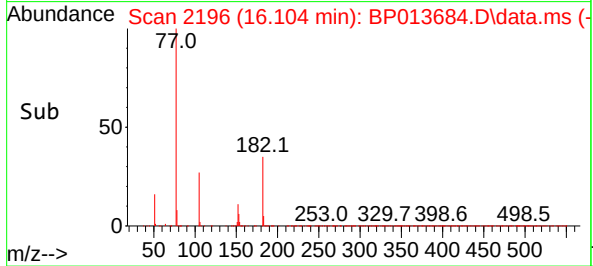
Instrument :
BNA_P
ClientSampleId :
PB150378BS



Tgt Ion: 77 Resp: 2333492
Ion Ratio Lower Upper
77 100
182 27.8 9.3 49.3
105 21.0 1.1 41.1
51 25.2 4.6 44.6

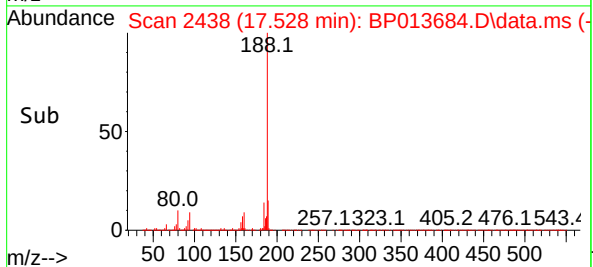
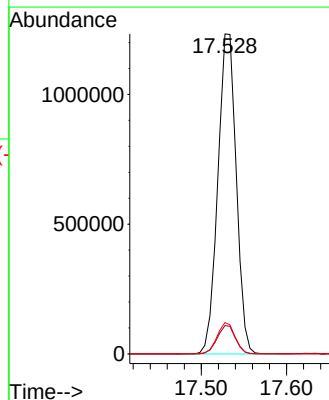
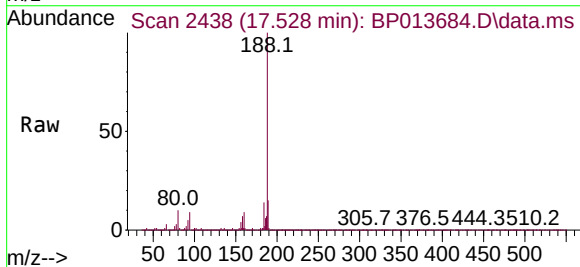
Manual Integrations
APPROVED

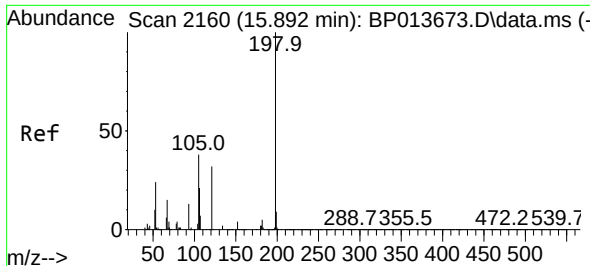
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.528 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

Tgt Ion:188 Resp: 1851077
Ion Ratio Lower Upper
188 100
94 8.8 6.9 10.3
80 9.8 7.4 11.0





#65

4,6-Dinitro-2-methylphenol

Concen: 42.477 ng

RT: 15.898 min Scan# 2160

Delta R.T. 0.006 min

Lab File: BP013684.D

Acq: 31 Jan 2023 21:04

Instrument :

BNA_P

ClientSampleId :

PB150378BS

Tgt Ion:198 Resp: 447924

Ion Ratio Lower Upper

198 100

51 32.0 15.4 55.4

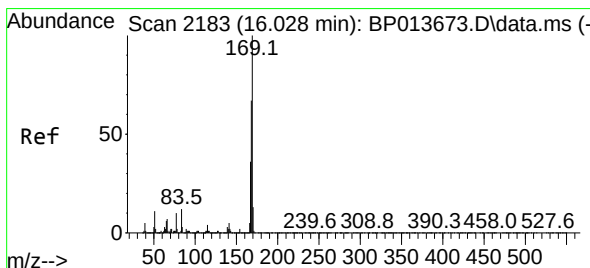
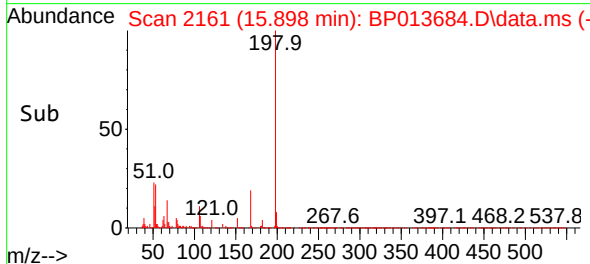
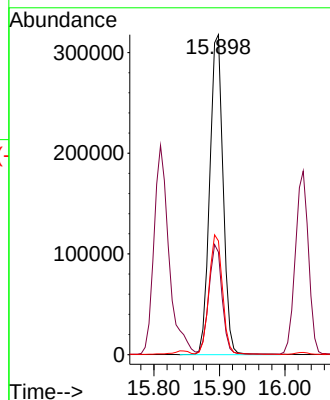
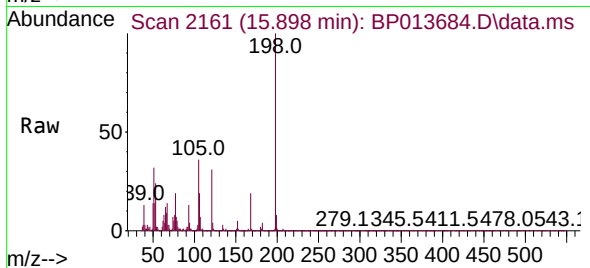
105 35.5 18.3 58.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#66

n-Nitrosodiphenylamine

Concen: 42.240 ng

RT: 16.028 min Scan# 2183

Delta R.T. 0.000 min

Lab File: BP013684.D

Acq: 31 Jan 2023 21:04

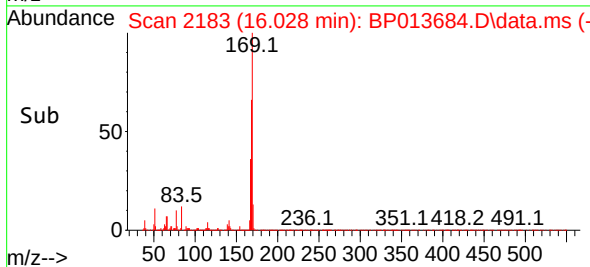
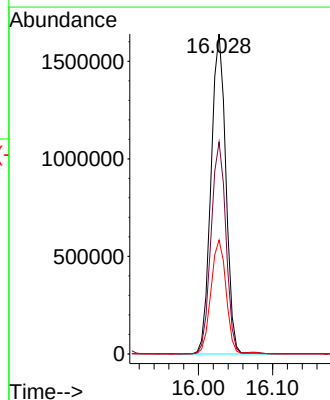
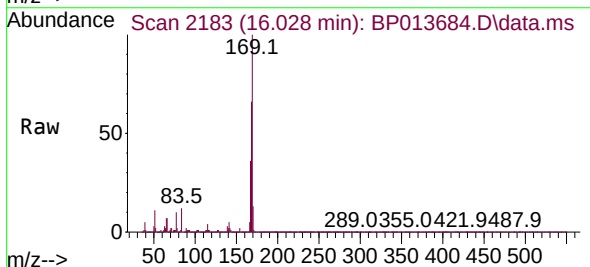
Tgt Ion:169 Resp: 2275021

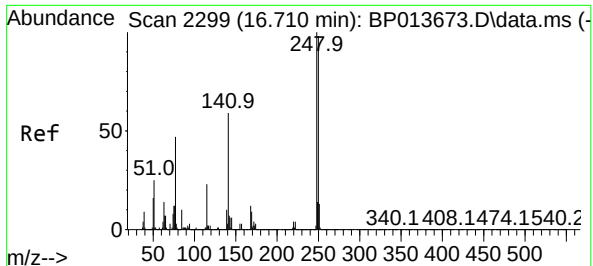
Ion Ratio Lower Upper

169 100

168 66.2 53.8 80.6

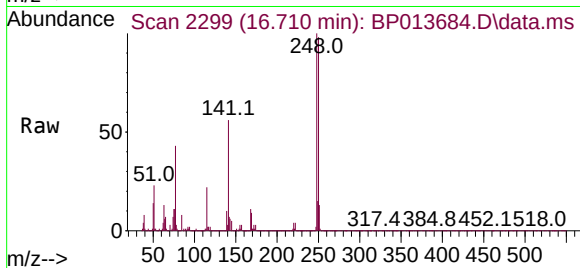
167 35.6 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 43.329 ng
RT: 16.710 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

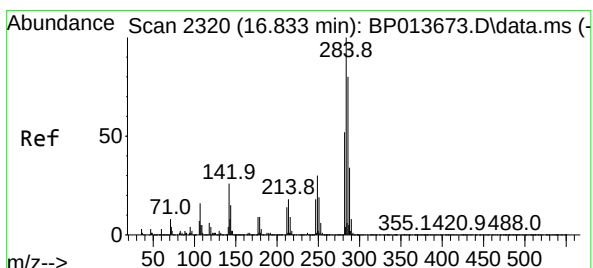
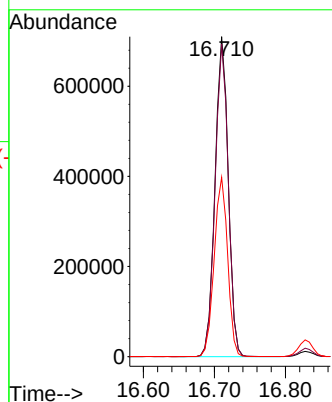
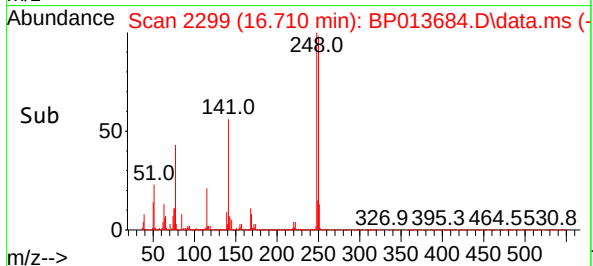
Instrument :
BNA_P
ClientSampleId :
PB150378BS



Tgt Ion:248 Resp: 919418
Ion Ratio Lower Upper
248 100
250 97.6 78.2 117.2
141 56.0 46.8 70.2

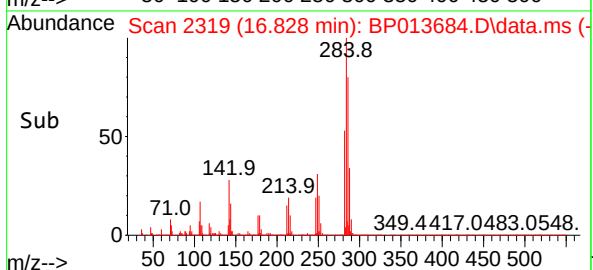
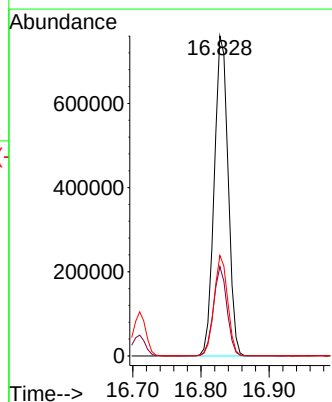
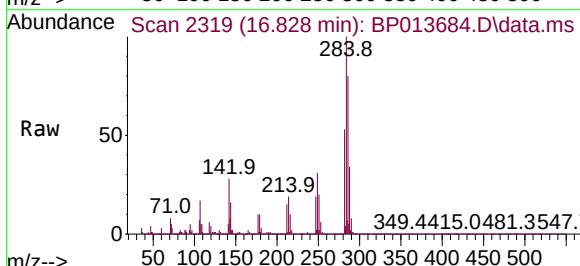
Manual Integrations
APPROVED

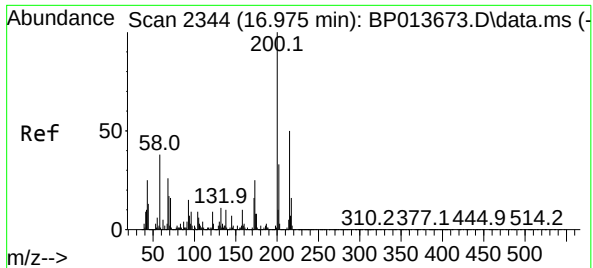
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#68
Hexachlorobenzene
Concen: 45.597 ng
RT: 16.828 min Scan# 2319
Delta R.T. -0.005 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

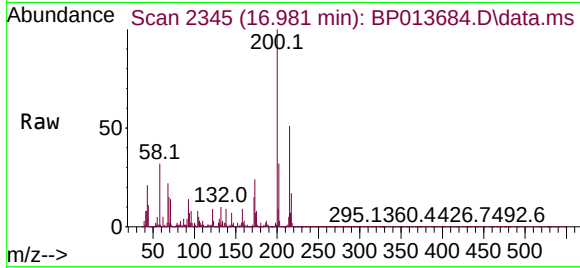
Tgt Ion:284 Resp: 1071399
Ion Ratio Lower Upper
284 100
142 27.9 20.6 31.0
249 31.4 23.9 35.9





#69
Atrazine
Concen: 49.284 ng
RT: 16.981 min Scan# 2345
Delta R.T. 0.006 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

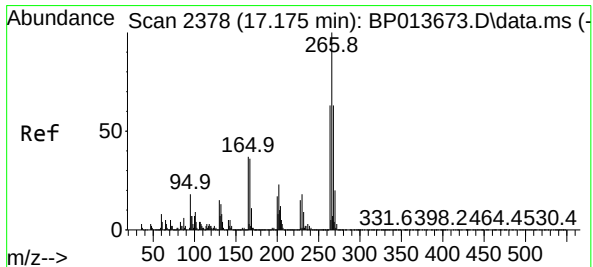
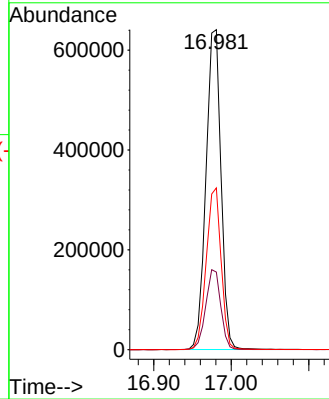
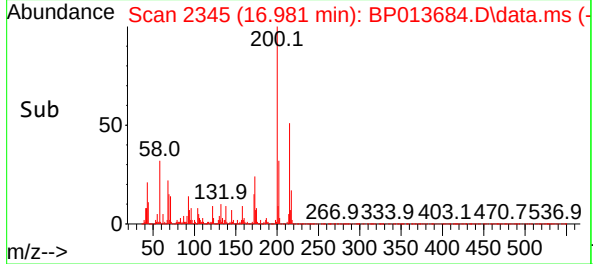
Instrument :
BNA_P
ClientSampleId :
PB150378BS



Tgt Ion:200 Resp: 863738
Ion Ratio Lower Upper
200 100
173 24.2 5.2 45.2
215 50.5 29.8 69.8

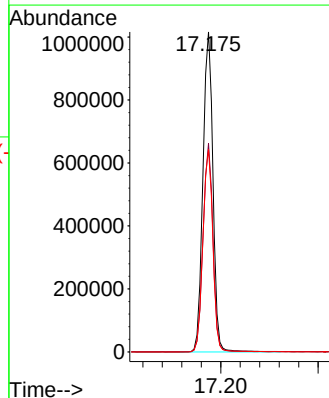
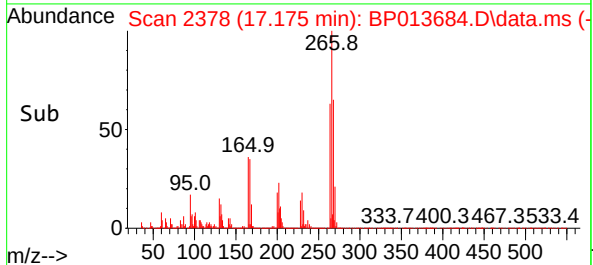
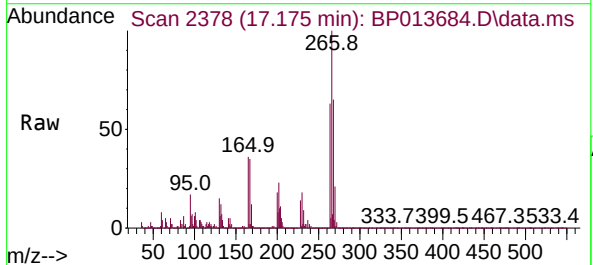
Manual Integrations
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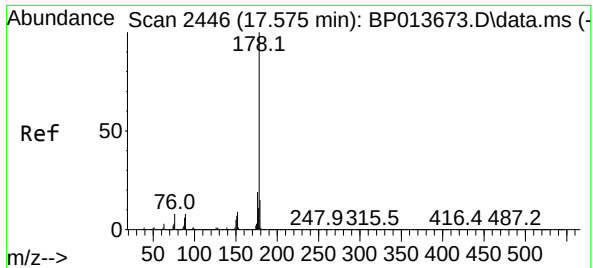
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#70
Pentachlorophenol
Concen: 83.427 ng
RT: 17.175 min Scan# 2378
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

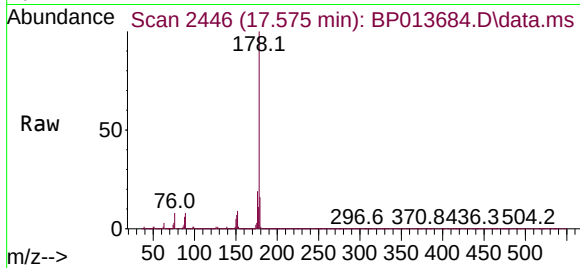
Tgt Ion:266 Resp: 1445994
Ion Ratio Lower Upper
266 100
268 65.1 50.7 76.1
264 63.3 50.5 75.7





#71
Phenanthrene
Concen: 42.719 ng
RT: 17.575 min Scan# 2446
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

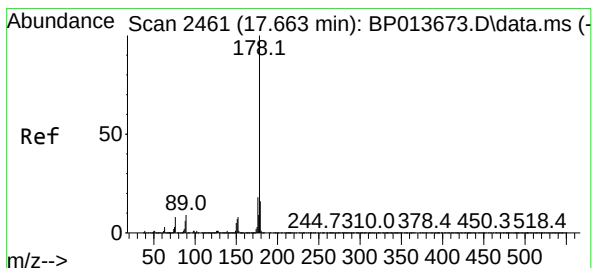
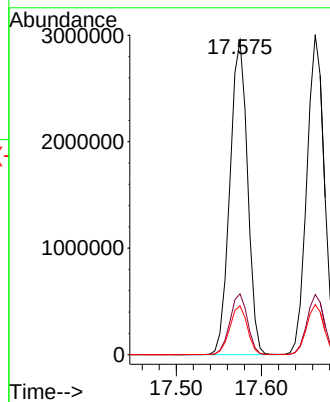
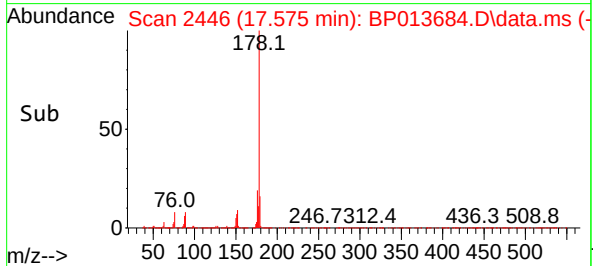
Instrument :
BNA_P
ClientSampleId :
PB150378BS



Tgt Ion:178 Resp: 4238463
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.6 12.2 18.2

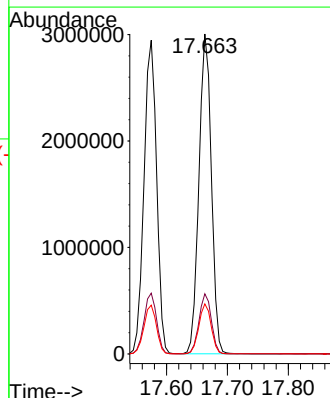
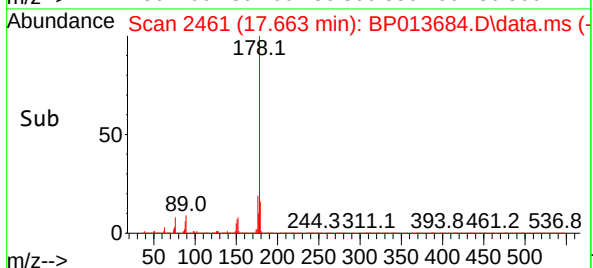
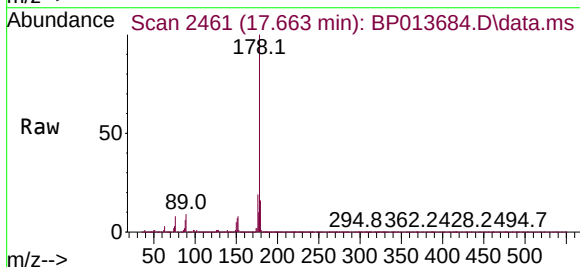
Manual Integrations
APPROVED

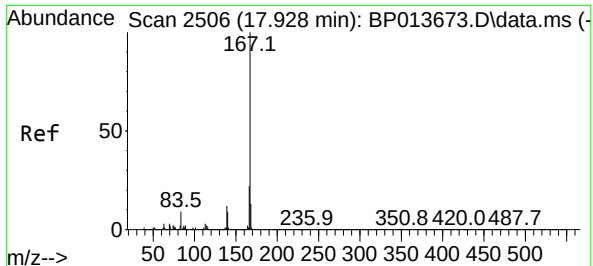
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#72
Anthracene
Concen: 42.504 ng
RT: 17.663 min Scan# 2461
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

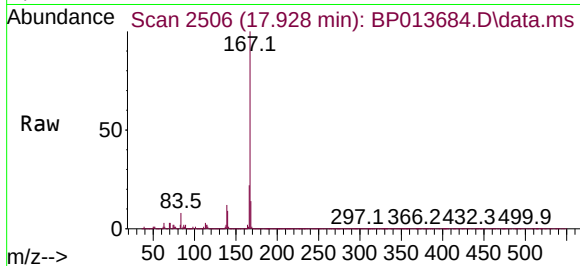
Tgt Ion:178 Resp: 4257449
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 15.6 12.4 18.6





#73
 Carbazole
 Concen: 42.460 ng
 RT: 17.928 min Scan# 2506
 Delta R.T. 0.000 min
 Lab File: BP013684.D
 Acq: 31 Jan 2023 21:04

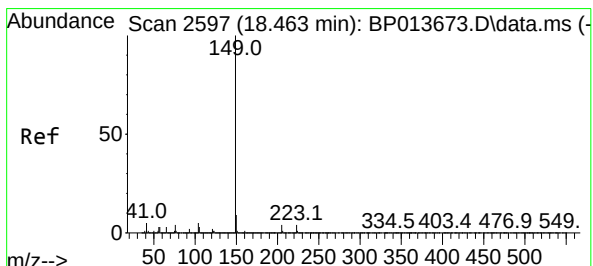
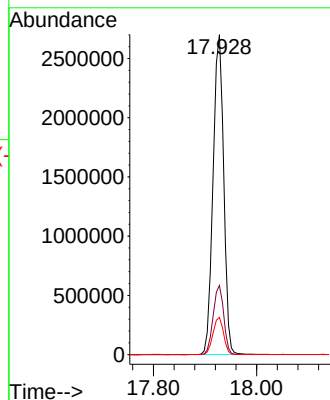
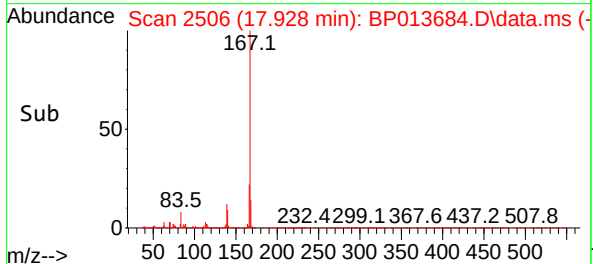
Instrument :
 BNA_P
 ClientSampleId :
 PB150378BS



Tgt Ion:167 Resp: 3861927
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 11.7 9.5 14.3

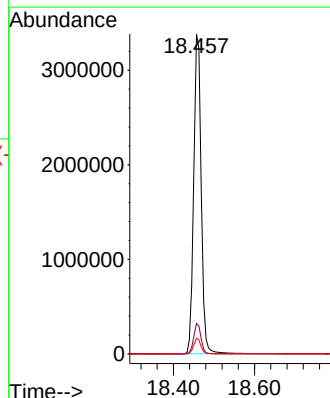
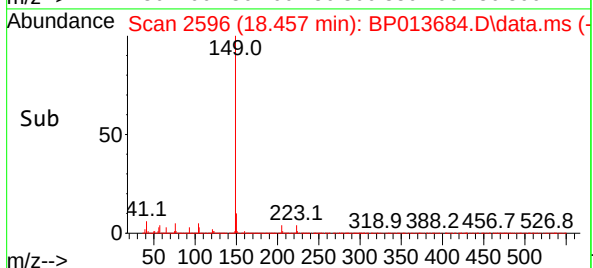
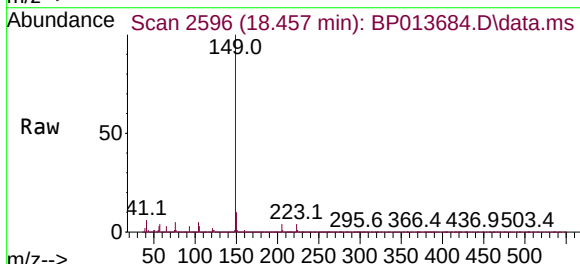
Manual Integrations
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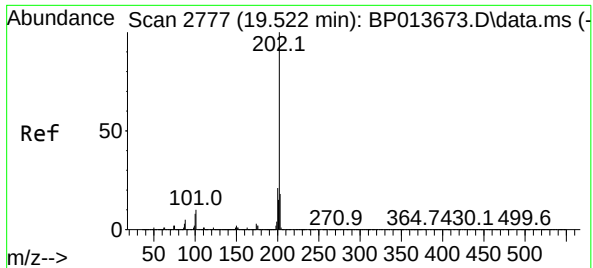
Reviewed By :Christian Giraldo 02/01/2023
 Supervised By :Jagrut Upadhyay 02/01/2023



#74
 Di-n-butylphthalate
 Concen: 43.515 ng
 RT: 18.457 min Scan# 2596
 Delta R.T. -0.006 min
 Lab File: BP013684.D
 Acq: 31 Jan 2023 21:04

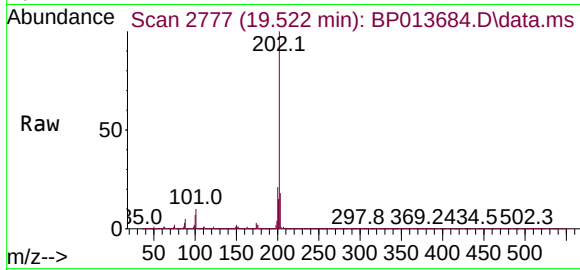
Tgt Ion:149 Resp: 4331139
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.0
 104 4.9 3.8 5.6





#75
Fluoranthene
Concen: 41.370 ng
RT: 19.522 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

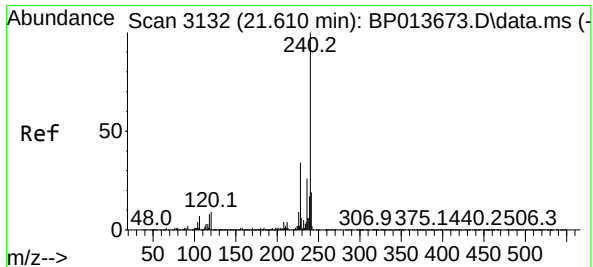
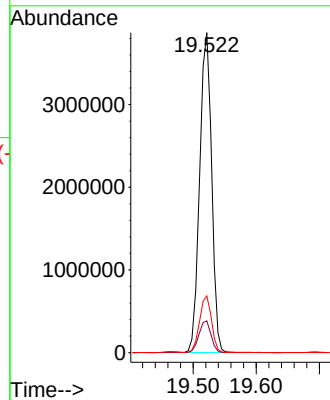
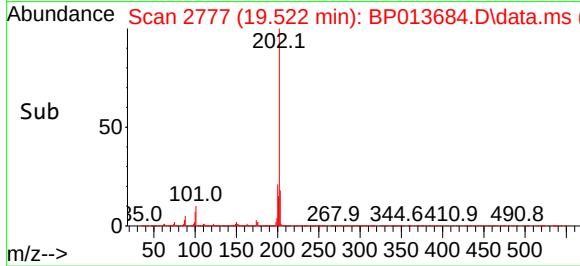
Instrument :
BNA_P
ClientSampleId :
PB150378BS



Tgt Ion:202 Resp: 511005
Ion Ratio Lower Upper
202 100
101 9.9 0.0 30.2
203 17.8 0.0 37.9

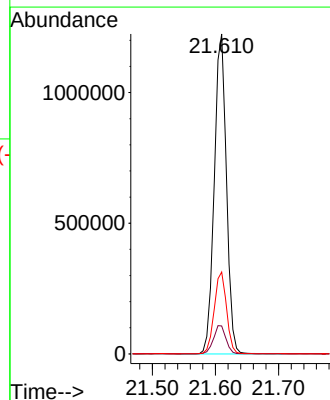
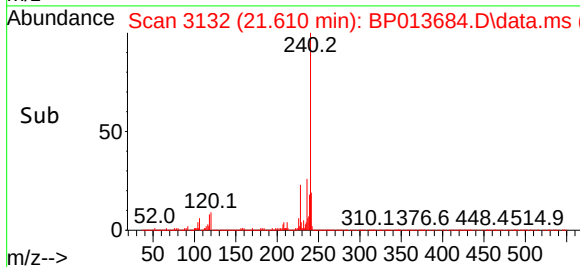
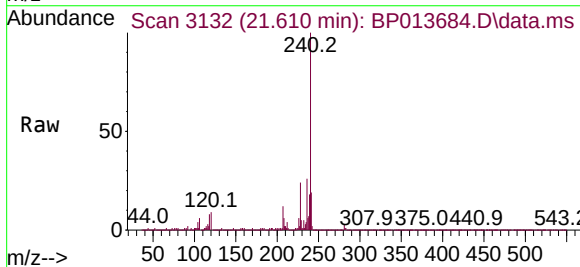
Manual Integrations
APPROVED

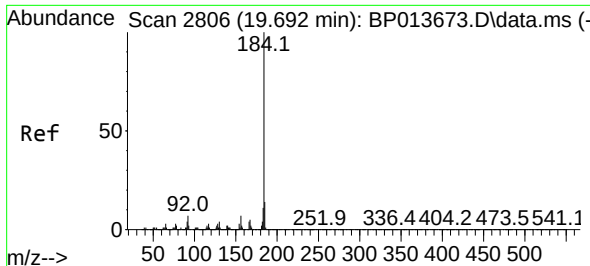
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.610 min Scan# 3132
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

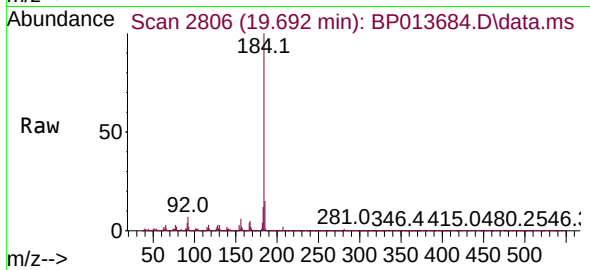
Tgt Ion:240 Resp: 1639741
Ion Ratio Lower Upper
240 100
120 8.7 7.4 11.0
236 25.6 20.6 30.8





#77
Benzidine
Concen: 51.944 ng
RT: 19.692 min Scan# 2806
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

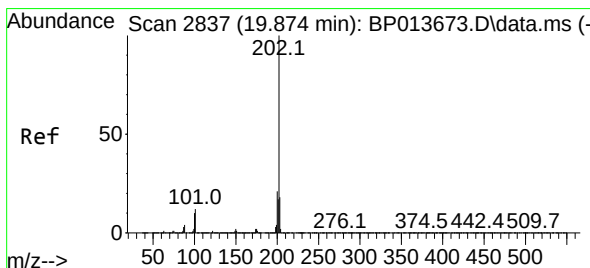
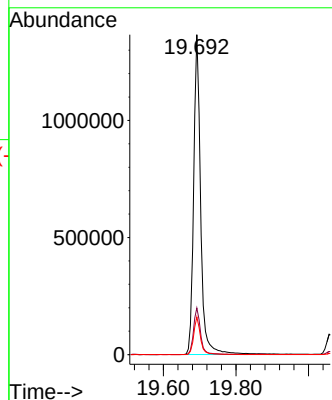
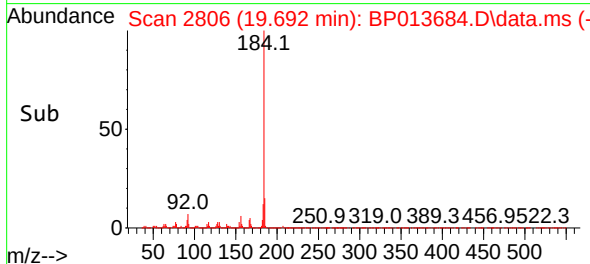
Instrument :
BNA_P
ClientSampleId :
PB150378BS



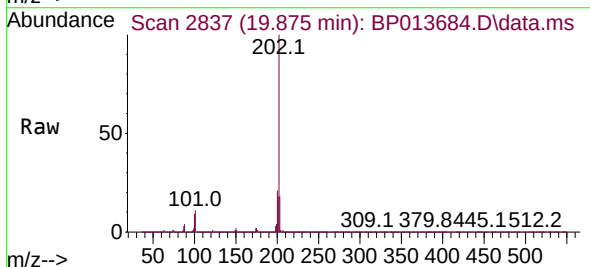
Tgt Ion:184 Resp: 183974
Ion Ratio Lower Upper
184 100
185 14.6 11.4 17.2
183 11.8 9.2 13.8

Manual Integrations
APPROVED

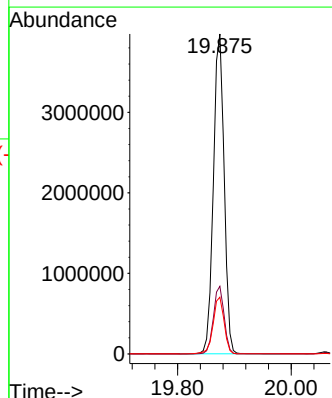
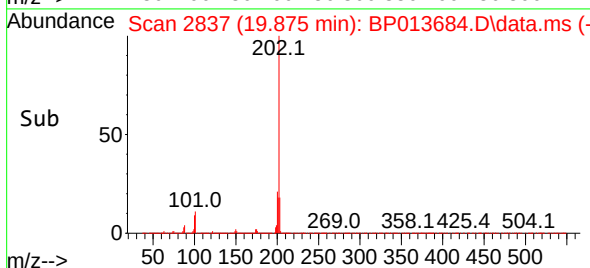
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

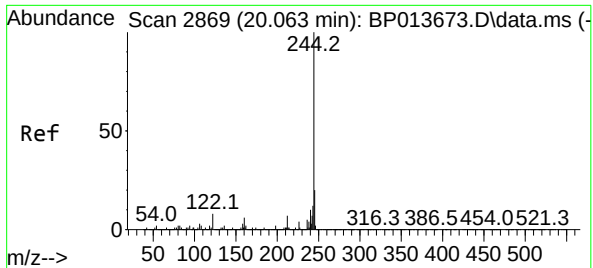


#78
Pyrene
Concen: 47.533 ng
RT: 19.875 min Scan# 2837
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04



Tgt Ion:202 Resp: 5243756
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.7 14.0 21.0





#79
Terphenyl-d14
Concen: 103.358 ng
RT: 20.057 min Scan# 2869
Delta R.T. -0.006 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

Instrument :

BNA_P

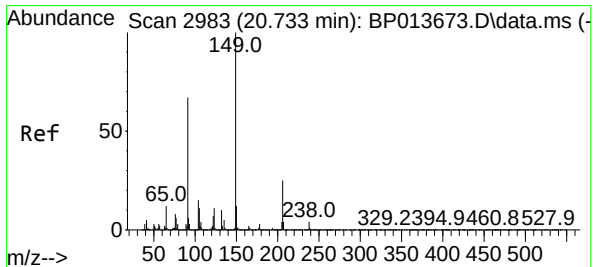
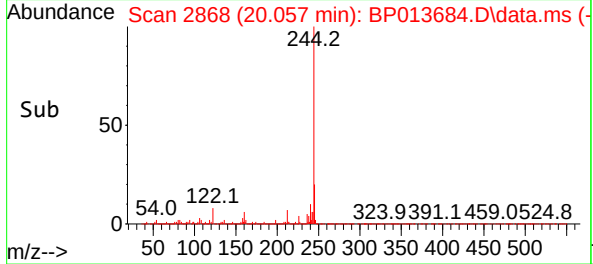
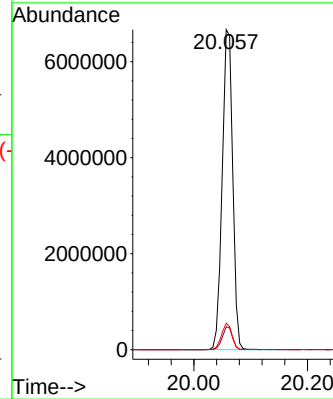
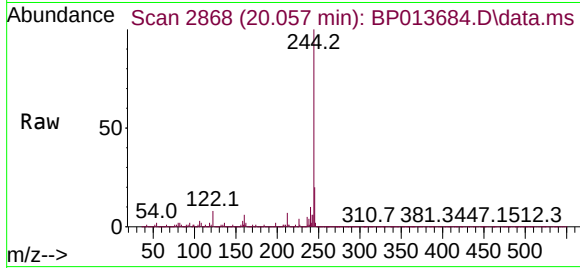
ClientSampleId :

PB150378BS

Tgt Ion:244 Resp: 853483
Ion Ratio Lower Upper
244 100
212 7.1 5.5 8.3
122 8.2 6.5 9.7

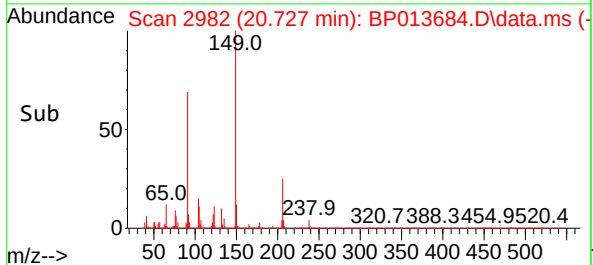
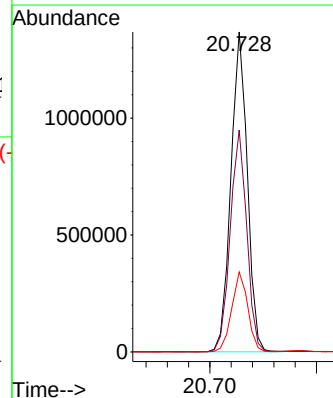
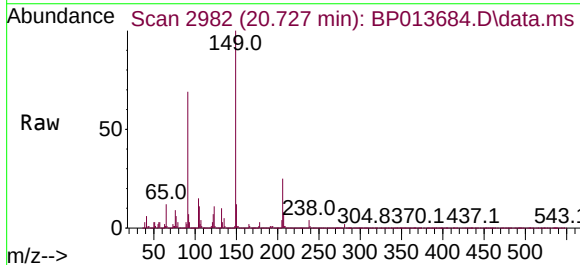
Manual Integrations
APPROVED

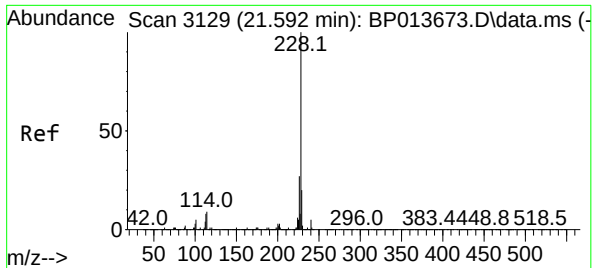
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#80
Butylbenzylphthalate
Concen: 48.541 ng
RT: 20.727 min Scan# 2982
Delta R.T. -0.006 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

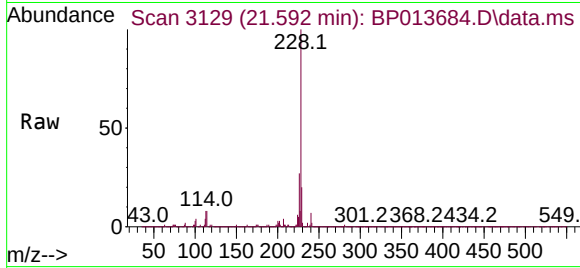
Tgt Ion:149 Resp: 1461881
Ion Ratio Lower Upper
149 100
91 69.3 54.0 81.0
206 25.0 19.8 29.8





#81
Benzo(a)anthracene
Concen: 43.621 ng
RT: 21.592 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

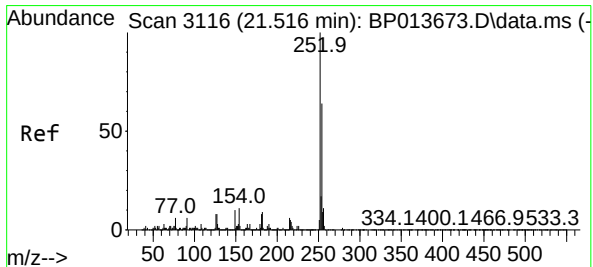
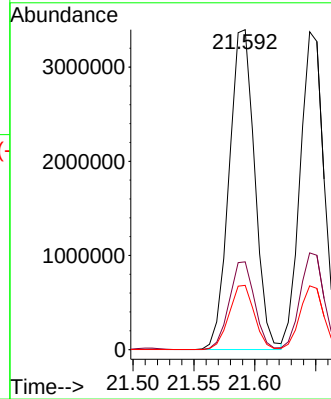
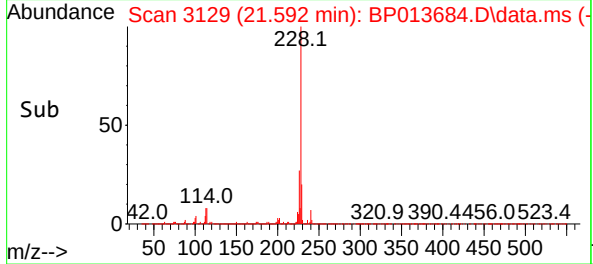
Instrument :
BNA_P
ClientSampleId :
PB150378BS



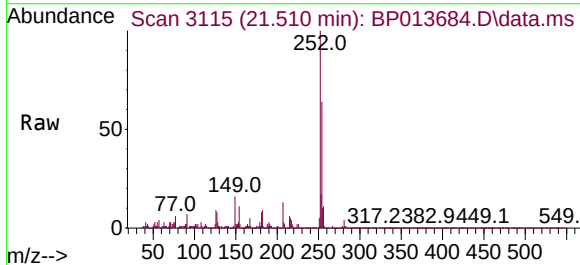
Tgt Ion:228 Resp: 4968194
Ion Ratio Lower Upper
228 100
226 27.4 21.9 32.9
229 20.1 16.0 24.0

Manual Integrations
APPROVED

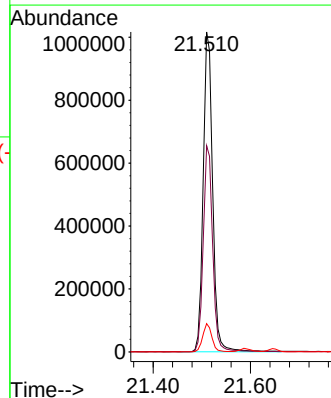
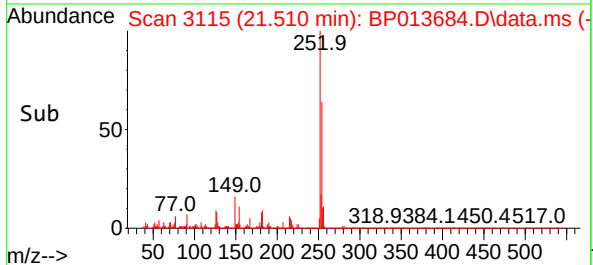
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

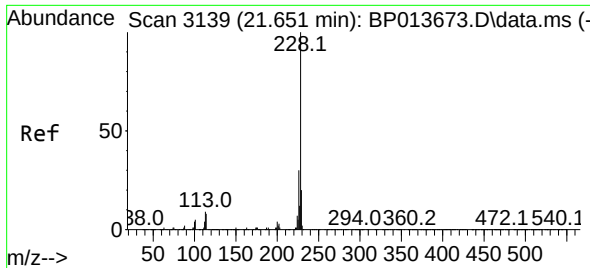


#82
3,3'-Dichlorobenzidine
Concen: 37.821 ng
RT: 21.510 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04



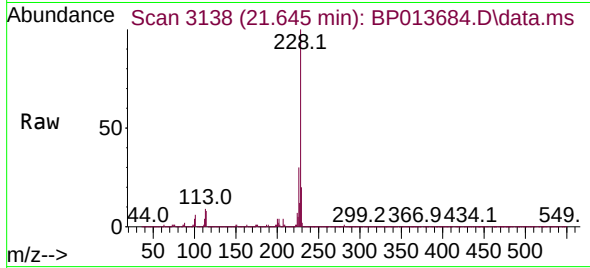
Tgt Ion:252 Resp: 1361890
Ion Ratio Lower Upper
252 100
254 64.4 50.9 76.3
126 8.8 6.7 10.1





#83
Chrysene
Concen: 42.186 ng
RT: 21.645 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

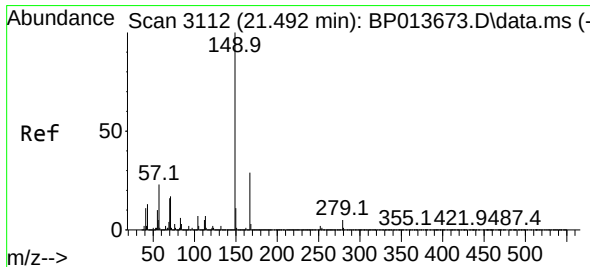
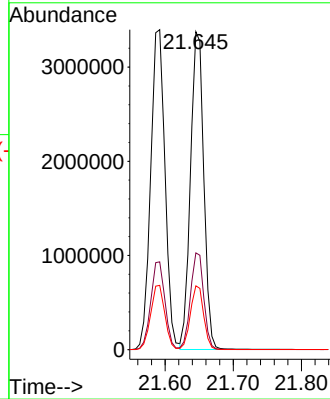
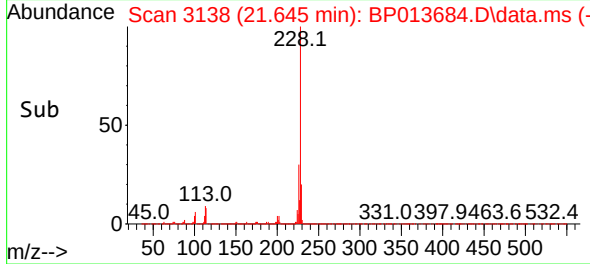
Instrument :
BNA_P
ClientSampleId :
PB150378BS



Tgt Ion:228 Resp: 457775
Ion Ratio Lower Upper
228 100
226 30.4 24.1 36.1
229 20.0 15.8 23.8

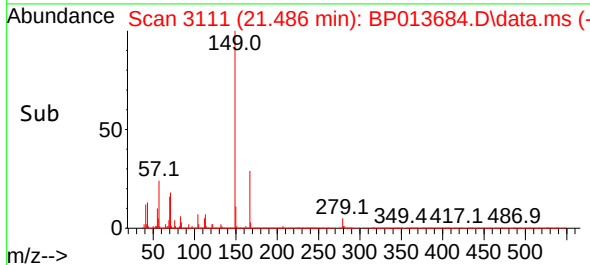
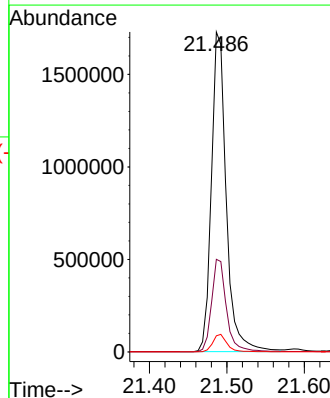
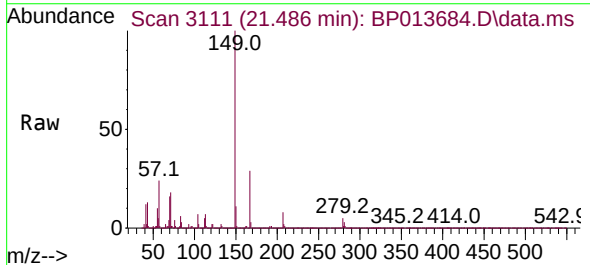
Manual Integrations
APPROVED

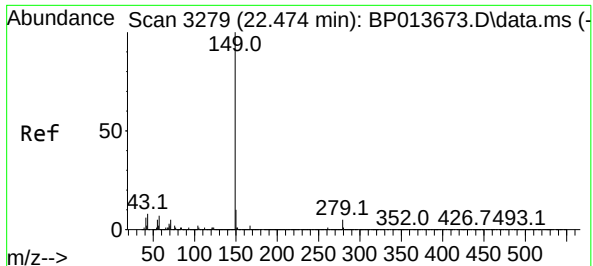
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.754 ng
RT: 21.486 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

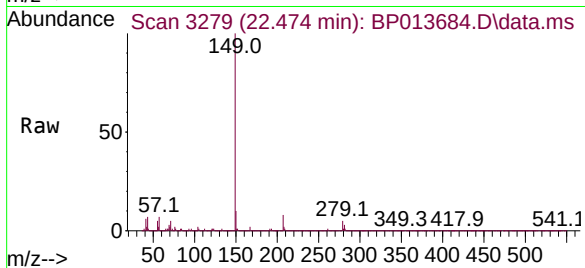
Tgt Ion:149 Resp: 2294930
Ion Ratio Lower Upper
149 100
167 28.9 23.0 34.6
279 5.0 3.9 5.9





#85
Di-n-octyl phthalate
Concen: 40.239 ng
RT: 22.474 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

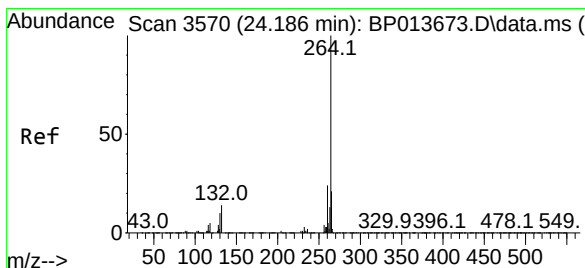
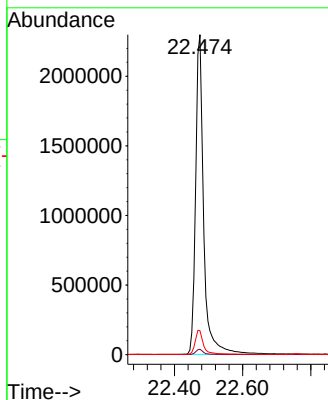
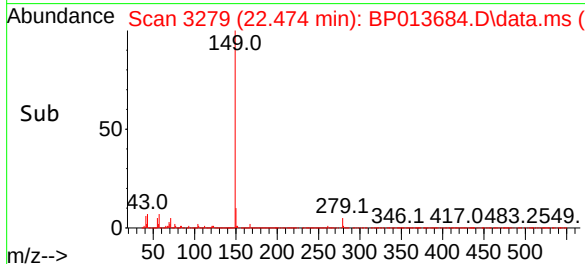
Instrument :
BNA_P
ClientSampleId :
PB150378BS



Tgt Ion:149 Resp: 3767878
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.0 6.3 9.5

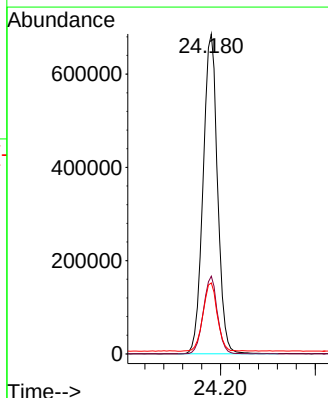
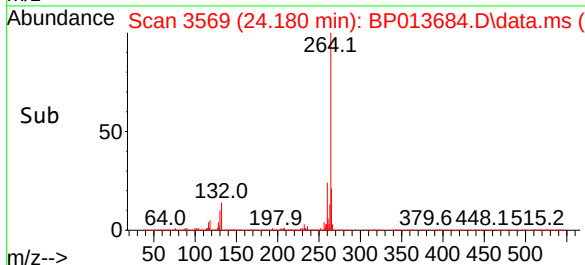
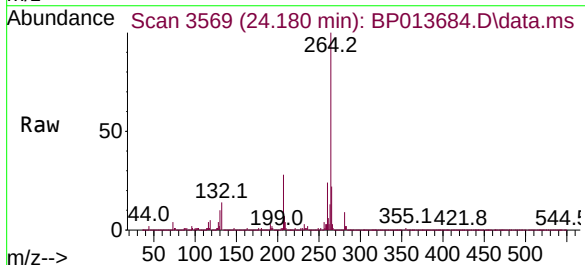
Manual Integrations
APPROVED

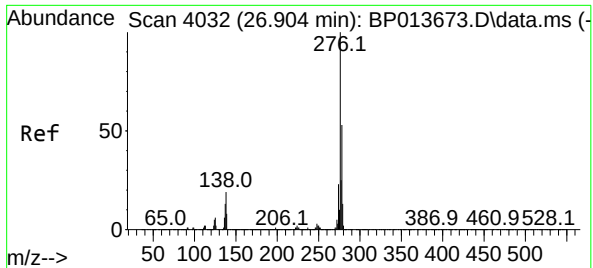
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.180 min Scan# 3569
Delta R.T. -0.006 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

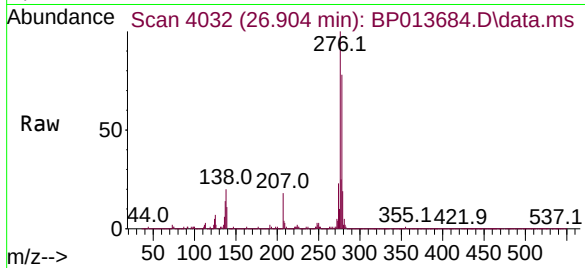
Tgt Ion:264 Resp: 1453642
Ion Ratio Lower Upper
264 100
260 24.3 18.8 28.2
265 22.2 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 37.975 ng
RT: 26.904 min Scan# 4032
Delta R.T. 0.000 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

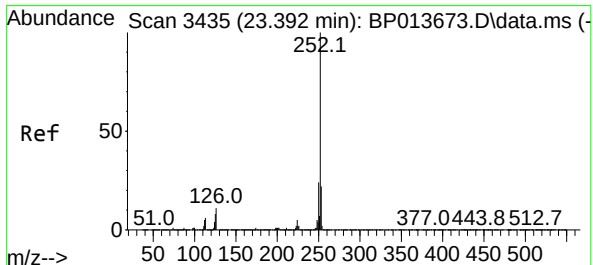
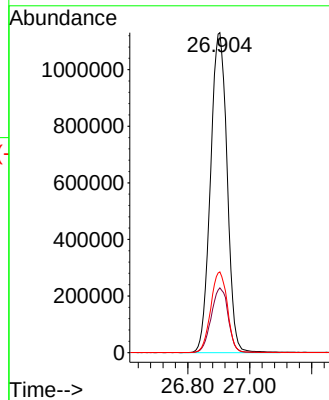
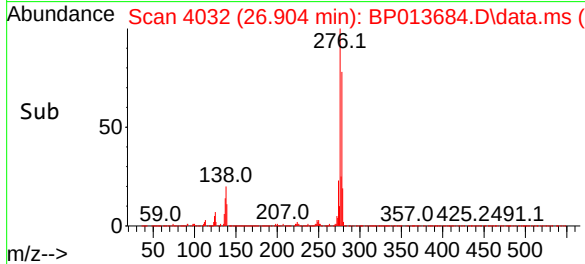
Instrument :
BNA_P
ClientSampleId :
PB150378BS



Tgt Ion: 276 Resp: 4198180
Ion Ratio Lower Upper
276 100
138 20.6 16.5 24.7
277 25.3 20.2 30.2

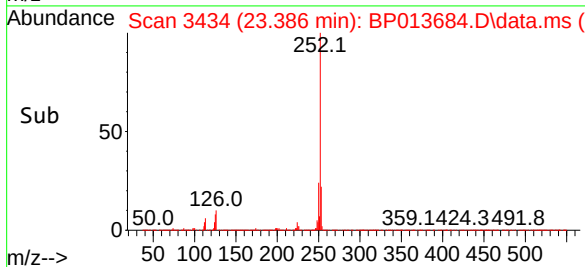
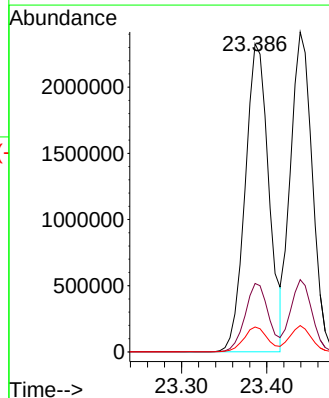
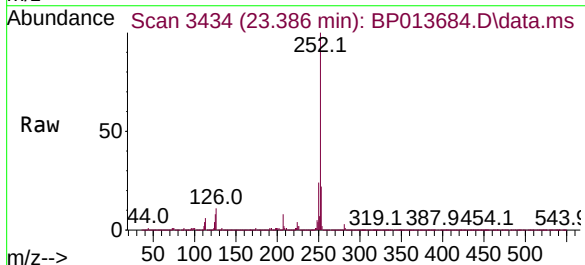
Manual Integrations
APPROVED

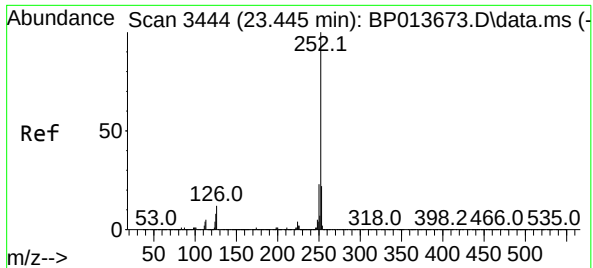
Reviewed By : Christian Giraldo 02/01/2023
Supervised By : Jagrut Upadhyay 02/01/2023



#88
Benzo(b)fluoranthene
Concen: 51.404 ng
RT: 23.386 min Scan# 3434
Delta R.T. -0.006 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

Tgt Ion: 252 Resp: 4491017
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 8.1 6.8 10.2





#89

Benzo(k)fluoranthene

Concen: 49.007 ng

RT: 23.439 min Scan# 3444

Delta R.T. -0.006 min

Lab File: BP013684.D

Acq: 31 Jan 2023 21:04

Instrument :

BNA_P

ClientSampleId :

PB150378BS

Tgt Ion:252 Resp: 4288510

Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

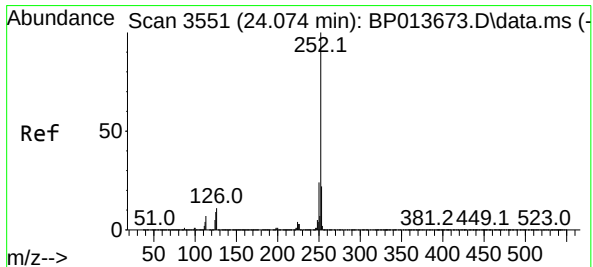
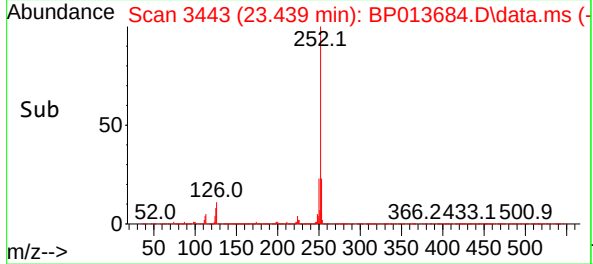
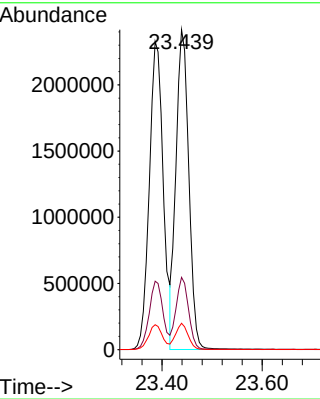
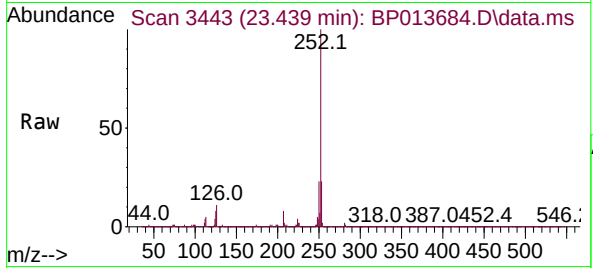
125 8.2 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#90

Benzo(a)pyrene

Concen: 42.554 ng

RT: 24.069 min Scan# 3550

Delta R.T. -0.006 min

Lab File: BP013684.D

Acq: 31 Jan 2023 21:04

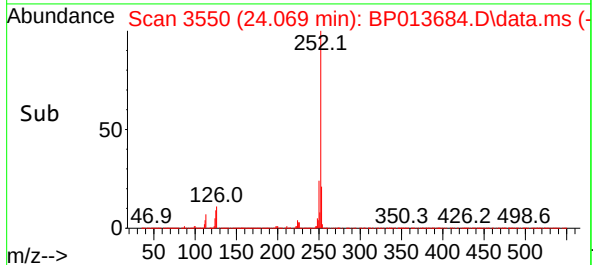
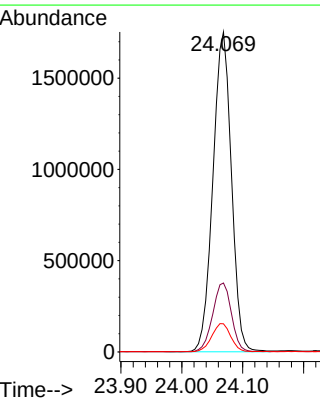
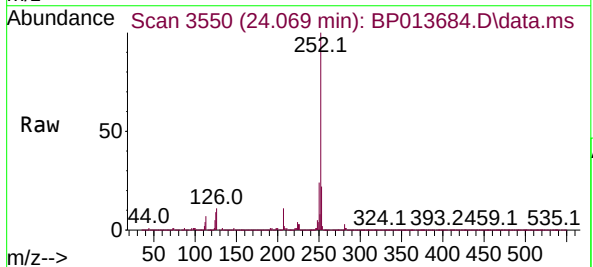
Tgt Ion:252 Resp: 3690409

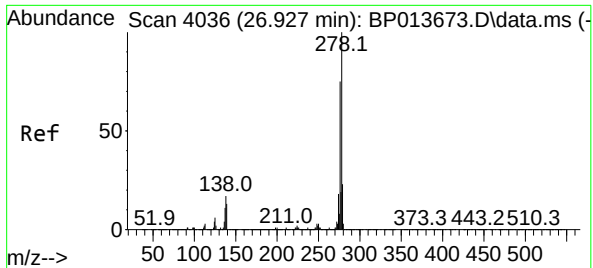
Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

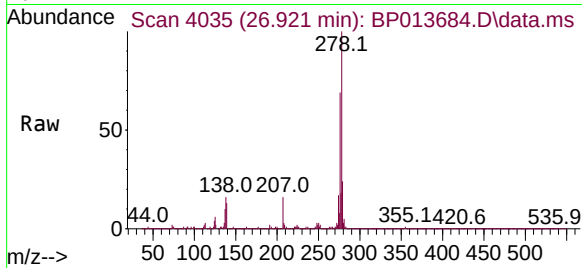
125 8.8 7.0 10.4





#91
Dibenzo(a,h)anthracene
Concen: 38.820 ng
RT: 26.921 min Scan# 4036
Delta R.T. -0.006 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04

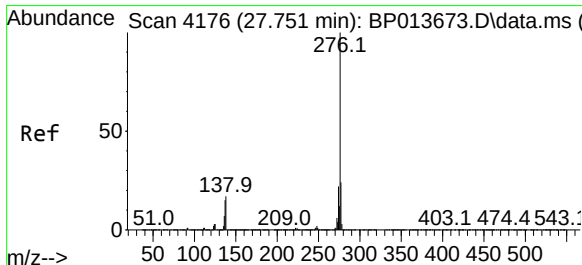
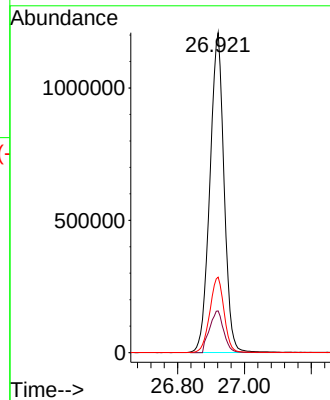
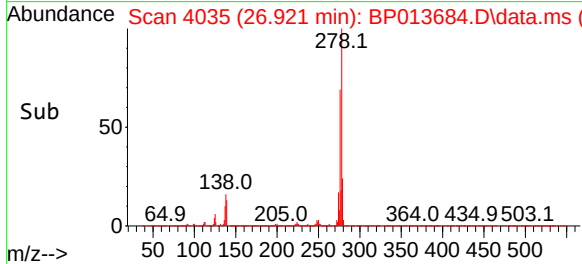
Instrument :
BNA_P
ClientSampleId :
PB150378BS



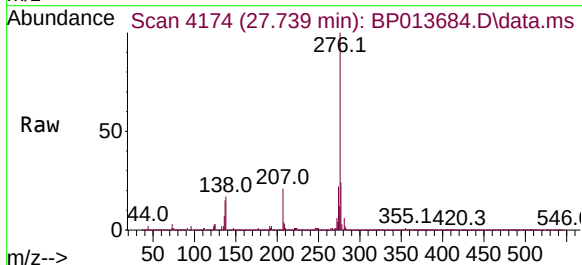
Tgt Ion: 278 Resp: 3562245
Ion Ratio Lower Upper
278 100
139 13.0 10.6 16.0
279 23.6 18.8 28.2

Manual Integrations
APPROVED

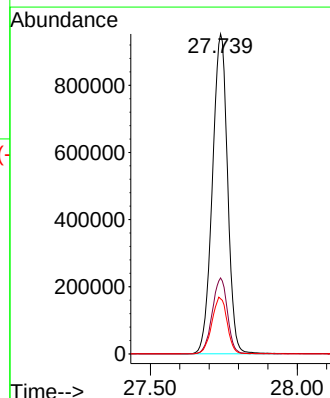
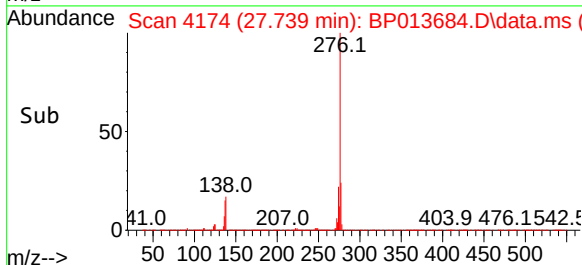
Reviewed By : Christian Giraldo 02/01/2023
Supervised By : Jagrut Upadhyay 02/01/2023



#92
Benzo(g,h,i)perylene
Concen: 37.455 ng
RT: 27.739 min Scan# 4174
Delta R.T. -0.012 min
Lab File: BP013684.D
Acq: 31 Jan 2023 21:04



Tgt Ion: 276 Resp: 3413658
Ion Ratio Lower Upper
276 100
277 23.7 19.2 28.8
138 17.2 14.0 21.0





284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	Louis Berger U.S., Inc., A WSP Company	Date Collected:	01/18/23
Project:	NYCDDC Phase II SCI Arthur Kill Road CEQR	Date Received:	01/19/23
Client Sample ID:	B-P34AMS	SDG No.:	O1232
Lab Sample ID:	O1233-02MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	85.3
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF132171.D	1	01/20/23 12:30	01/20/23 20:35	PB150378

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1600		86.5	200	ug/Kg
208-96-8	Acenaphthylene	1600		80.4	200	ug/Kg
83-32-9	Acenaphthene	1800		92.3	200	ug/Kg
86-73-7	Fluorene	1600		92.2	200	ug/Kg
85-01-8	Phenanthrene	1500		97.8	200	ug/Kg
120-12-7	Anthracene	1500		98.3	200	ug/Kg
206-44-0	Fluoranthene	1700		93.4	200	ug/Kg
129-00-0	Pyrene	1600		86.8	200	ug/Kg
56-55-3	Benzo(a)anthracene	1700		100	200	ug/Kg
218-01-9	Chrysene	1600		100	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		80.8	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700		86.1	200	ug/Kg
50-32-8	Benzo(a)pyrene	1600		79.2	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		120	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		120	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		110	200	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	81.4		27 - 109	81%	SPK: 100
321-60-8	2-Fluorobiphenyl	65.7		30 - 103	66%	SPK: 100
1718-51-0	Terphenyl-d14	73.6		21 - 107	74%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	184000		7.09		
1146-65-2	Naphthalene-d8	674000		8.378		
15067-26-2	Acenaphthene-d10	369000		10.142		
1517-22-2	Phenanthrene-d10	748000		11.642		
1719-03-5	Chrysene-d12	455000		14.307		
1520-96-3	Perylene-d12	406000		15.901		



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	Louis Berger U.S., Inc., A WSP Company	Date Collected:	01/18/23
Project:	NYCDDC Phase II SCI Arthur Kill Road CEQR	Date Received:	01/19/23
Client Sample ID:	B-P34AMS	SDG No.:	O1232
Lab Sample ID:	O1233-02MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	85.3
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF132171.D	1	01/20/23 12:30	01/20/23 20:35	PB150378

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	------------	-------

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
 Data File : BF132171.D
 Acq On : 20 Jan 2023 20:35
 Operator : CG\JU
 Sample : 01233-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

B-P34AMS

Manual Integrations

APPROVED

Reviewed By :Christian

Giraldo

01/23/2023

Supervised By :Jagrut

Upadhyay

01/23/2023

Quant Time: Jan 21 03:56:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:50:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.090	152	184212	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	674454	20.000	ng	0.00
39) Acenaphthene-d10	10.142	164	369043	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	748390	20.000	ng	0.00
76) Chrysene-d12	14.307	240	455426	20.000	ng	0.00
86) Perylene-d12	15.901	264	405760	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.725	112	1168126	110.773	ng	0.02
7) Phenol-d6	6.707	99	1563691	117.797	ng	0.00
23) Nitrobenzene-d5	7.654	82	1033020	81.365	ng	0.00
42) 2,4,6-Tribromophenol	10.942	330	518300	131.484	ng	0.00
45) 2-Fluorobiphenyl	9.454	172	1659325	65.701	ng	0.00
79) Terphenyl-d14	13.236	244	2001844	73.630	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.113	88	211997	39.682	ng	99
3) Pyridine	3.843	79	546312	38.093	ng	99
4) n-Nitrosodimethylamine	3.802	42	292734	43.401	ng	100
6) Aniline	6.748	93	655144m	35.632	ng	
8) 2-Chlorophenol	6.872	128	523160	47.198	ng	98
9) Benzaldehyde	6.643	77	264685	30.994	ng	99
10) Phenol	6.719	94	611337	44.238	ng	98
11) bis(2-Chloroethyl)ether	6.819	93	513886	43.927	ng	100
12) 1,3-Dichlorobenzene	7.031	146	545379	44.016	ng	98
13) 1,4-Dichlorobenzene	7.107	146	552662	44.700	ng	99
14) 1,2-Dichlorobenzene	7.260	146	530446	46.399	ng	97
15) Benzyl Alcohol	7.225	79	478698m	47.146	ng	
16) 2,2'-oxybis(1-Chloropr...	7.360	45	755751	44.449	ng	100
17) 2-Methylphenol	7.331	107	422253	43.483	ng	98
18) Hexachloroethane	7.607	117	207584	46.772	ng	96
19) n-Nitroso-di-n-propyla...	7.501	70	348478	42.857	ng	96
20) 3+4-Methylphenols	7.484	107	525790	42.970	ng	97
22) Acetophenone	7.501	105	665637	41.062	ng	# 98
24) Nitrobenzene	7.678	77	574598	42.745	ng	94
25) Isophorone	7.913	82	1061960	42.749	ng	98
26) 2-Nitrophenol	7.990	139	264966	51.662	ng	96
27) 2,4-Dimethylphenol	8.019	122	476757	44.353	ng	99
28) bis(2-Chloroethoxy)met...	8.119	93	613210	41.142	ng	99
29) 2,4-Dichlorophenol	8.231	162	448760	43.975	ng	98
30) 1,2,4-Trichlorobenzene	8.319	180	489393	42.222	ng	98
31) Naphthalene	8.401	128	1400607	40.435	ng	99
32) Benzoic acid	8.125	122	351863	48.858	ng	92
33) 4-Chloroaniline	8.442	127	222620	15.018	ng	95
34) Hexachlorobutadiene	8.513	225	325291	41.776	ng	99
35) Caprolactam	8.819	113	149764m	51.751	ng	
36) 4-Chloro-3-methylphenol	8.913	107	470663	45.831	ng	97
37) 2-Methylnaphthalene	9.095	142	925079	38.790	ng	100
38) 1-Methylnaphthalene	9.195	142	877096	39.527	ng	99
40) 1,2,4,5-Tetrachloroben...	9.260	216	500922	39.012	ng	99
41) Hexachlorocyclopentadiene	9.248	237	650146	92.788	ng	99
43) 2,4,6-Trichlorophenol	9.366	196	353715	44.387	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
 Data File : BF132171.D
 Acq On : 20 Jan 2023 20:35
 Operator : CG\JU
 Sample : 01233-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

B-P34AMS

Manual Integrations

APPROVED

Reviewed By :Christian

Giraldo

01/23/2023

Supervised By :Jagrut

Upadhyay

01/23/2023

Quant Time: Jan 21 03:56:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:50:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.407	196	386938	41.518	ng	98
46) 1,1'-Biphenyl	9.560	154	1157682	39.762	ng	100
47) 2-Chloronaphthalene	9.589	162	924471	41.075	ng	98
48) 2-Nitroaniline	9.678	65	326841	45.547	ng	97
49) Acenaphthylene	10.007	152	1454351	40.393	ng	99
50) Dimethylphthalate	9.854	163	1122254	41.987	ng	100
51) 2,6-Dinitrotoluene	9.919	165	259408	50.073	ng	95
52) Acenaphthene	10.184	154	971821	44.874	ng	97
53) 3-Nitroaniline	10.089	138	178541	32.234	ng	97
54) 2,4-Dinitrophenol	10.195	184	266056	108.068	ng	# 48
55) Dibenzofuran	10.354	168	1327167	39.654	ng	97
56) 4-Nitrophenol	10.242	139	407268	101.031	ng	89
57) 2,4-Dinitrotoluene	10.325	165	335194	53.902	ng	96
58) Fluorene	10.701	166	999303	40.296	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.466	232	330526	46.622	ng	99
60) Diethylphthalate	10.560	149	1129768	43.103	ng	99
61) 4-Chlorophenyl-phenyle...	10.684	204	535392	40.317	ng	99
62) 4-Nitroaniline	10.713	138	257309	49.898	ng	100
63) Azobenzene	10.848	77	1393280	52.965	ng	99
65) 4,6-Dinitro-2-methylph...	10.736	198	178390	48.454	ng	92
66) n-Nitrosodiphenylamine	10.807	169	919691	38.372	ng	99
67) 4-Bromophenyl-phenylether	11.178	248	353442	38.746	ng	99
68) Hexachlorobenzene	11.248	284	385274	42.496	ng	96
69) Atrazine	11.331	200	345513	46.723	ng	99
70) Pentachlorophenol	11.442	266	460815	79.097	ng	97
71) Phenanthrene	11.672	178	1559992	39.721	ng	99
72) Anthracene	11.725	178	1577300	39.698	ng	100
73) Carbazole	11.872	167	1442821	42.512	ng	99
74) Di-n-butylphthalate	12.195	149	1710479	45.273	ng	99
75) Fluoranthene	12.866	202	1735889	43.029	ng	99
77) Benzidine	12.983	184	799320	58.456	ng	99
78) Pyrene	13.101	202	1757363	41.870	ng	99
80) Butylbenzylphthalate	13.707	149	675729	49.332	ng	97
81) Benzo(a)anthracene	14.295	228	1390528	42.739	ng	99
82) 3,3'-Dichlorobenzidine	14.248	252	193310	21.334	ng	99
83) Chrysene	14.336	228	1252100	40.430	ng	99
84) Bis(2-ethylhexyl)phtha...	14.266	149	832524	45.641	ng	98
85) Di-n-octyl phthalate	14.901	149	1168376	44.146	ng	99
87) Indeno(1,2,3-cd)pyrene	17.565	276	1255979	39.311	ng	100
88) Benzo(b)fluoranthene	15.419	252	1157546	46.854	ng	99
89) Benzo(k)fluoranthene	15.454	252	1080629	42.889	ng	99
90) Benzo(a)pyrene	15.830	252	992749	41.772	ng	99
91) Dibenzo(a,h)anthracene	17.589	278	1021621	42.543	ng	99
92) Benzo(g,h,i)perylene	18.083	276	1067741	38.992	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\  
Data File : BF132171.D  
Acq On    : 20 Jan 2023   20:35  
Operator  : CG\JU  
Sample    : 01233-02MS  
Misc      :  
ALS Vial  : 9   Sample Multiplier: 1
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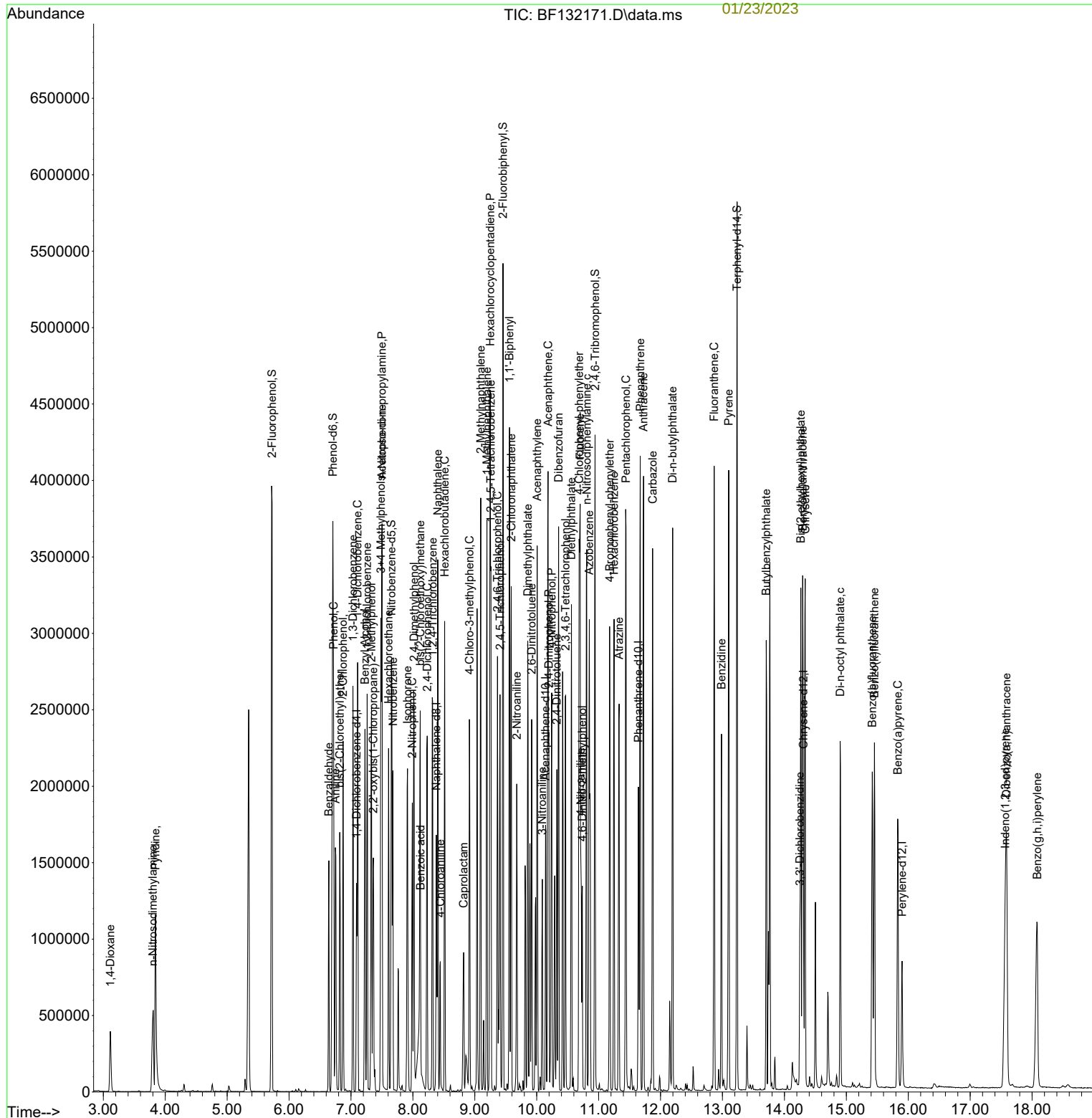
Instrument :
BNA_F
ClientSampleId :
B-P34AMS

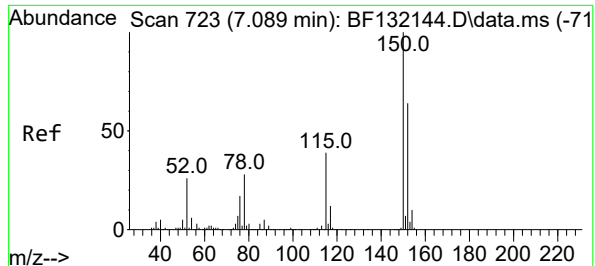
Manual Integrations APPROVED

Reviewed By :Christian
Giraldo
01/23/2023

Supervised By :Jagrut
Upadhyay
01/23/2023

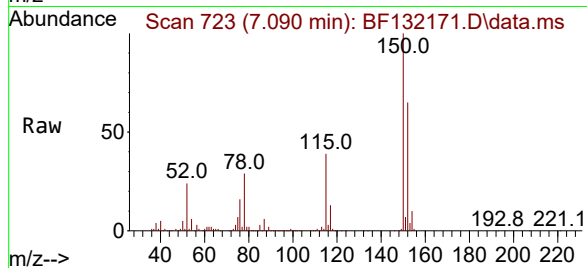
Quant Time: Jan 21 03:56:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 20 00:50:42 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.090 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

Instrument :
BNA_F
ClientSampleId :
B-P34AMS

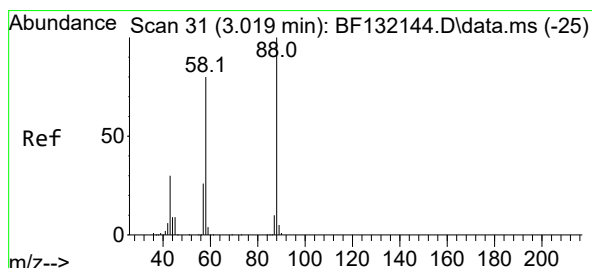
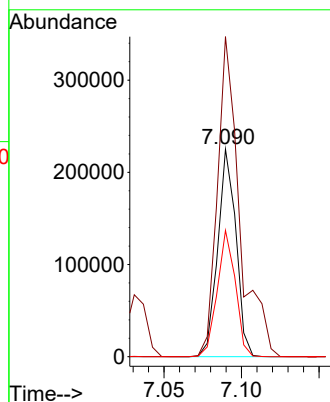
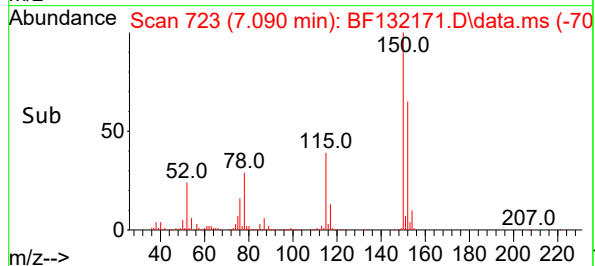


Tgt Ion:152 Resp: 18421
Ion Ratio Lower Upper
152 100
150 154.2 125.8 188.8
115 60.9 49.2 73.8

Manual Integrations
APPROVED

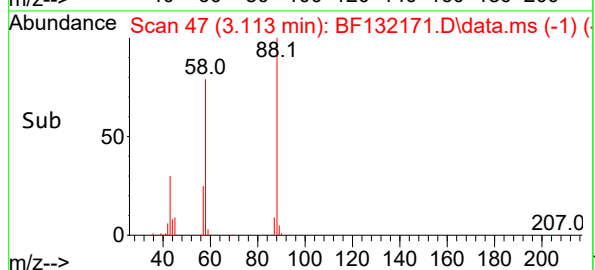
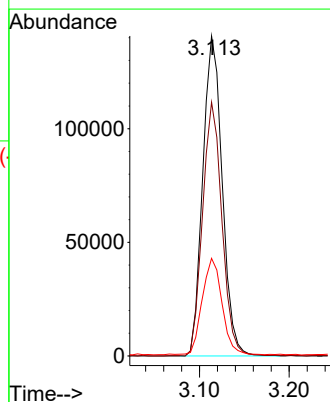
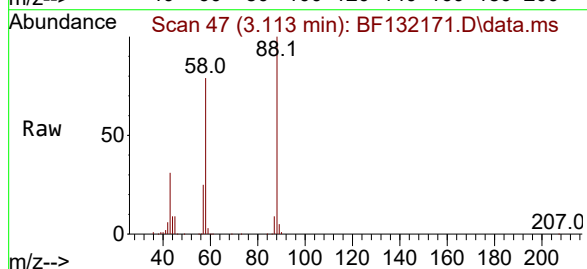
Reviewed By :Christian
Giraldo
01/23/2023

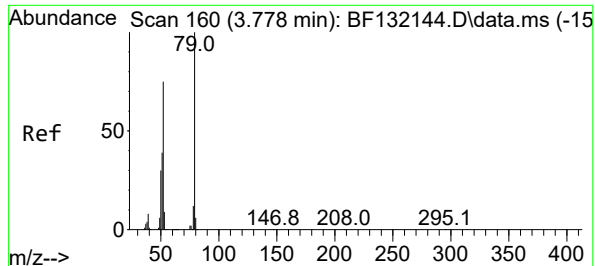
Supervised By :Jagrut
Upadhyay
01/23/2023



#2
1,4-Dioxane
Concen: 39.682 ng
RT: 3.113 min Scan# 47
Delta R.T. 0.094 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

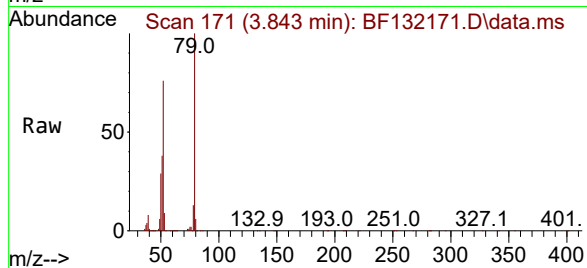
Tgt Ion: 88 Resp: 211997
Ion Ratio Lower Upper
88 100
58 79.0 64.0 96.0
43 30.8 24.2 36.4





#3
Pyridine
Concen: 38.093 ng
RT: 3.843 min Scan# 11
Delta R.T. 0.065 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

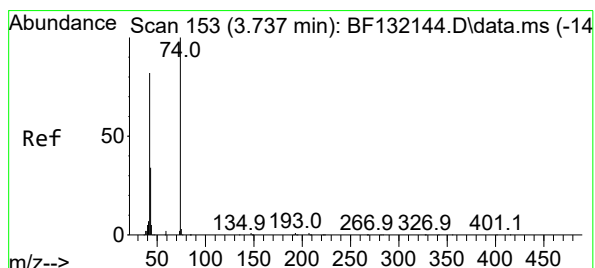
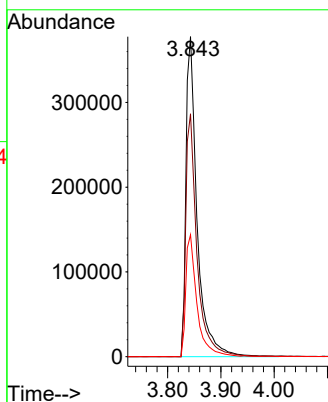
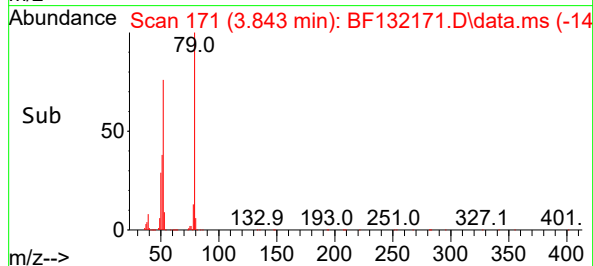
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



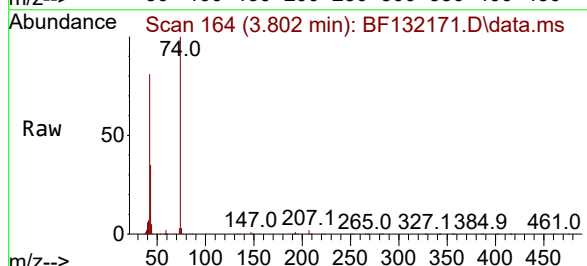
Tgt Ion: 79 Resp: 546312
Ion Ratio Lower Upper
79 100
52 75.9 60.1 90.1
51 38.1 31.4 47.0

Manual Integrations
APPROVED

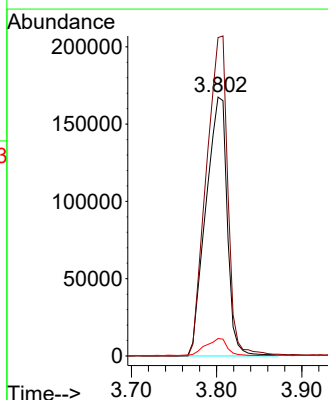
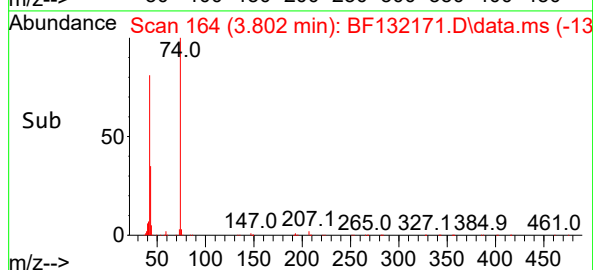
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023

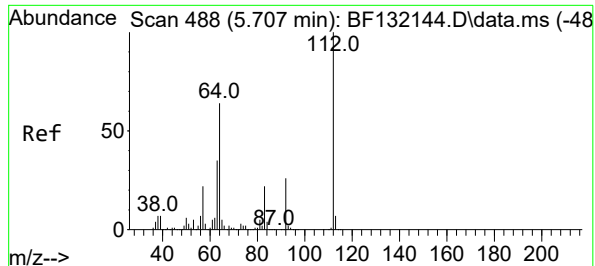


#4
n-Nitrosodimethylamine
Concen: 43.401 ng
RT: 3.802 min Scan# 164
Delta R.T. 0.065 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35



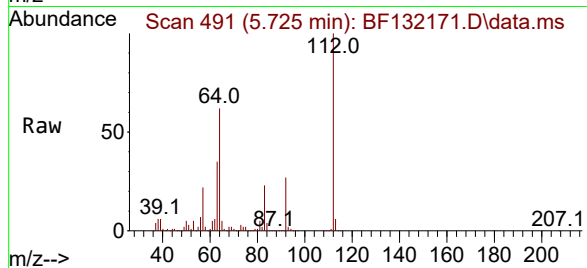
Tgt Ion: 42 Resp: 292734
Ion Ratio Lower Upper
42 100
74 123.0 98.1 147.1
44 6.7 5.2 7.8





#5
2-Fluorophenol
Concen: 110.773 ng
RT: 5.725 min Scan# 491
Delta R.T. 0.018 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

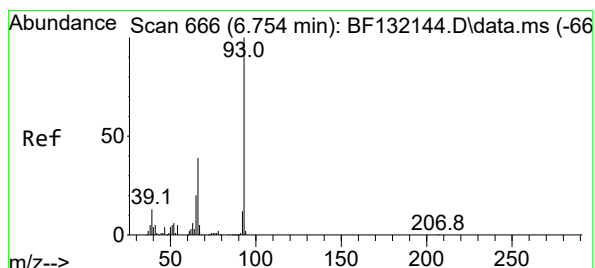
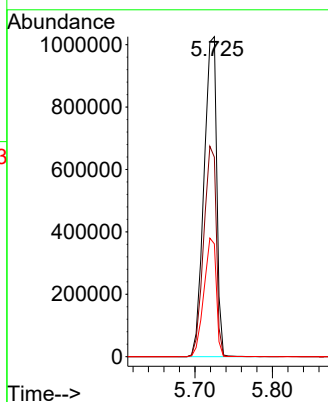
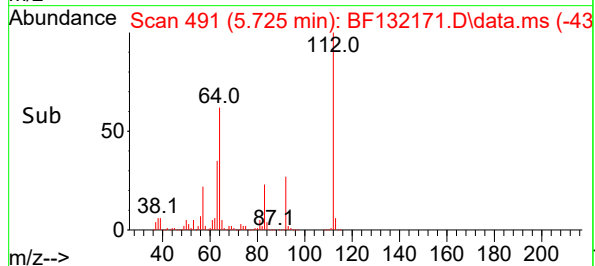
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



Tgt Ion: 112 Resp: 1168120
Ion Ratio Lower Upper
112 100
64 62.4 51.4 77.0
63 35.3 28.2 42.2

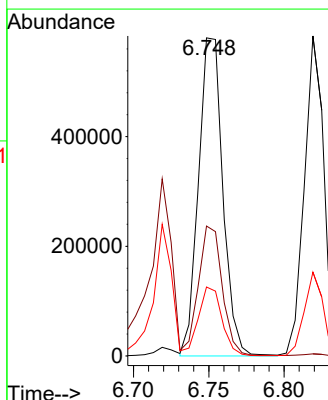
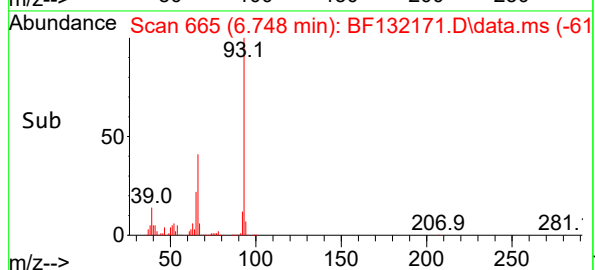
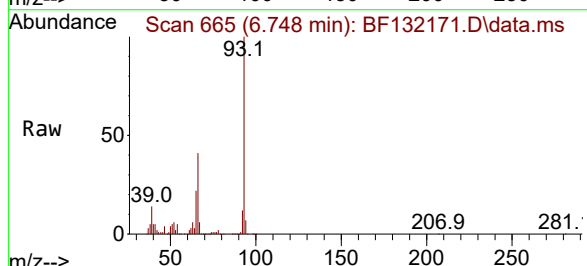
Manual Integrations
APPROVED

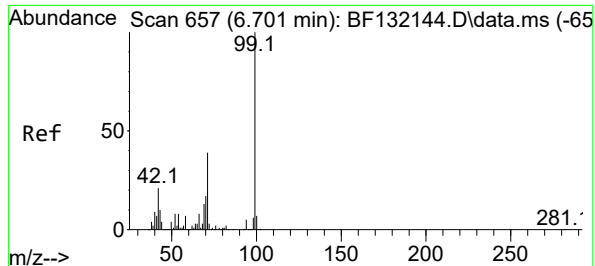
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023



#6
Aniline
Concen: 35.632 ng m
RT: 6.748 min Scan# 665
Delta R.T. -0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

Tgt Ion: 93 Resp: 655144
Ion Ratio Lower Upper
93 100
66 40.8 33.0 49.6
65 21.7 16.8 25.2





#7

Phenol-d6

Concen: 117.797 ng

RT: 6.707 min Scan# 657

Delta R.T. 0.006 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS

Tgt Ion: 99 Resp: 156369

Ion Ratio Lower Upper

99 100

42 20.6 16.6 24.8

71 38.7 30.8 46.2

Manual Integrations

APPROVED

Reviewed By :Christian

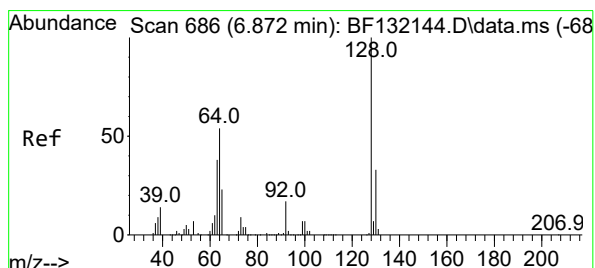
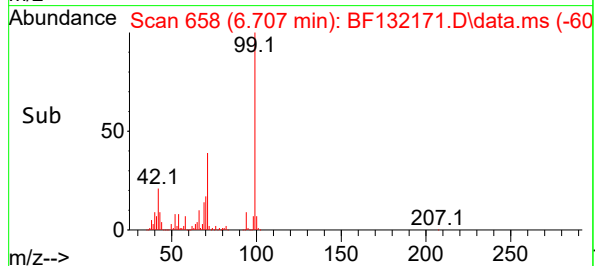
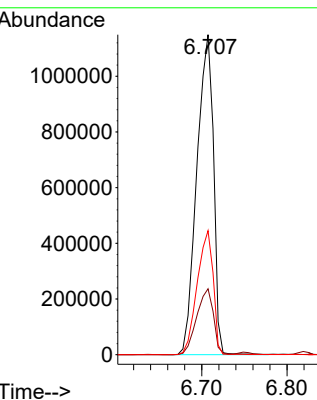
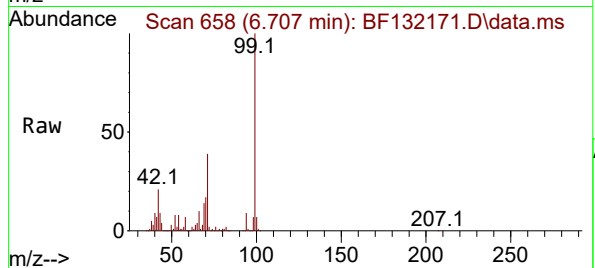
Giraldo

01/23/2023

Supervised By :Jagrut

Upadhyay

01/23/2023



#8

2-Chlorophenol

Concen: 47.198 ng

RT: 6.872 min Scan# 686

Delta R.T. 0.000 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

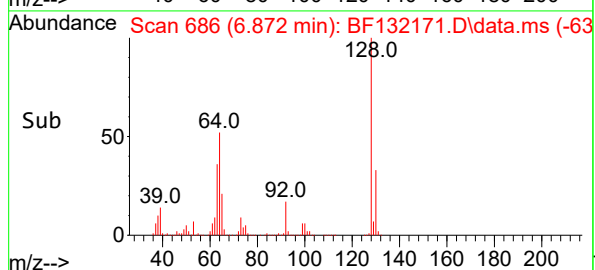
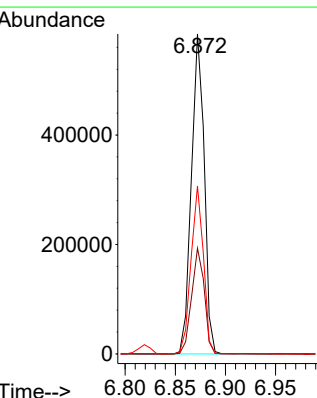
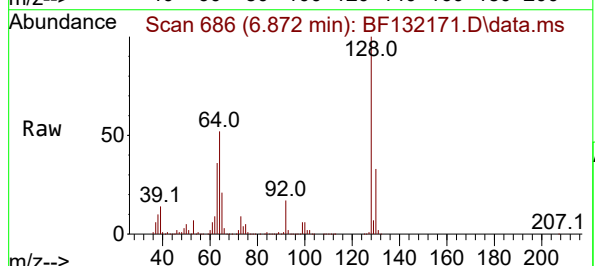
Tgt Ion:128 Resp: 523160

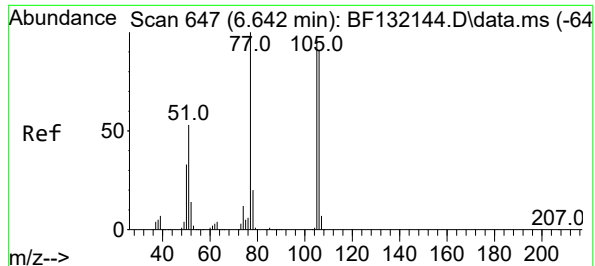
Ion Ratio Lower Upper

128 100

130 33.1 12.8 52.8

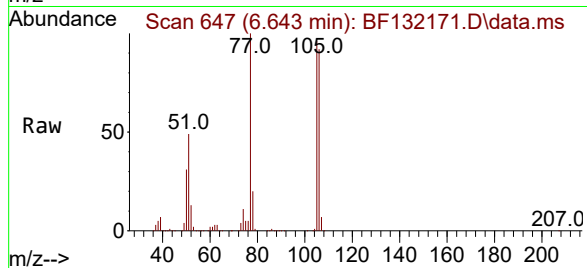
64 52.5 34.8 74.8





#9
Benzaldehyde
Concen: 30.994 ng
RT: 6.643 min Scan# 647
Delta R.T. 0.001 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

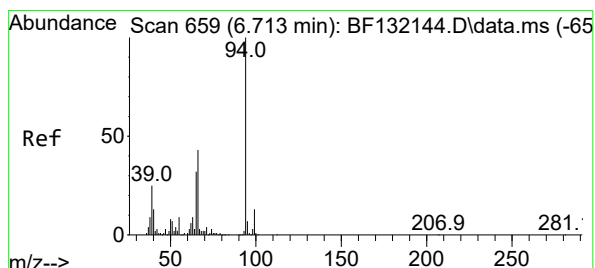
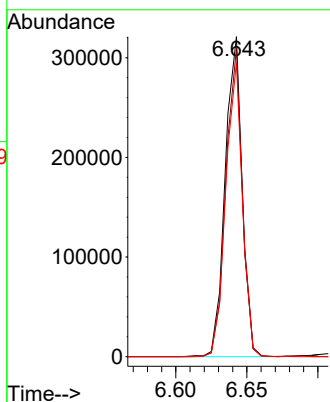
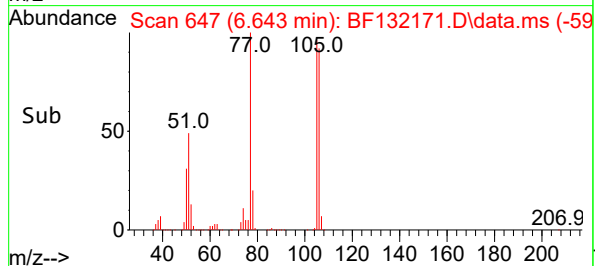
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



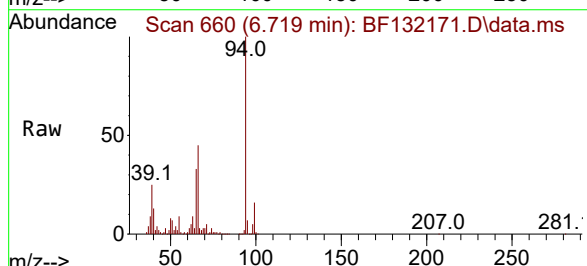
Tgt Ion: 77 Resp: 264685
Ion Ratio Lower Upper
77 100
105 96.3 75.5 115.5
106 91.9 70.7 110.7

Manual Integrations
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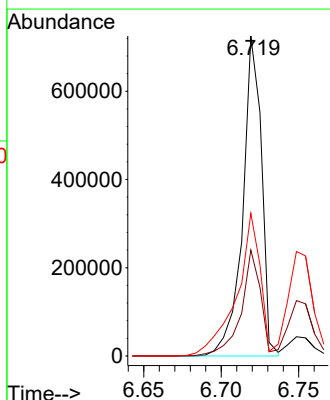
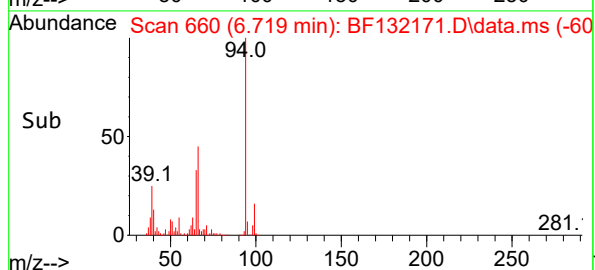
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023

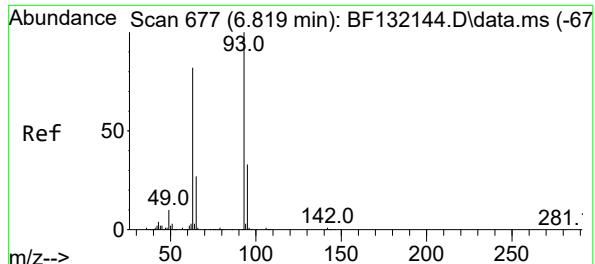


#10
Phenol
Concen: 44.238 ng
RT: 6.719 min Scan# 660
Delta R.T. 0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35



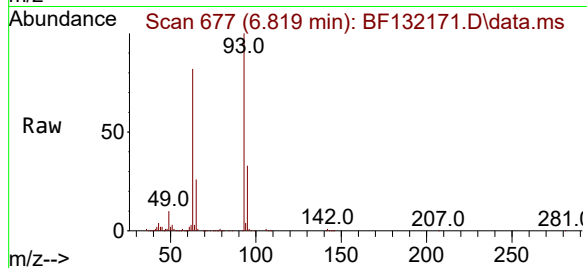
Tgt Ion: 94 Resp: 611337
Ion Ratio Lower Upper
94 100
65 33.1 12.0 52.0
66 44.5 22.7 62.7





#11
bis(2-Chloroethyl)ether
Concen: 43.927 ng
RT: 6.819 min Scan# 677
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

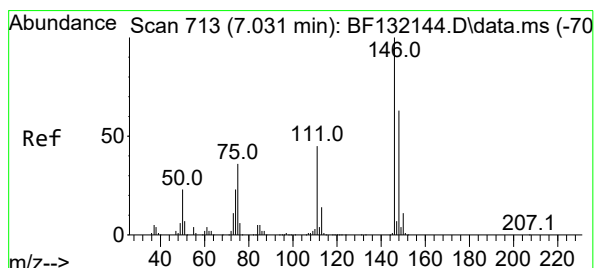
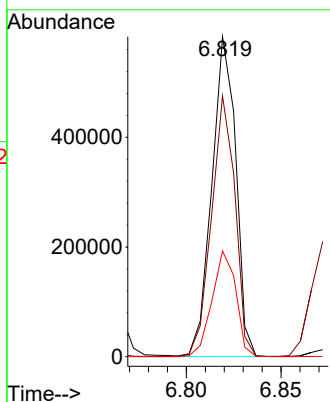
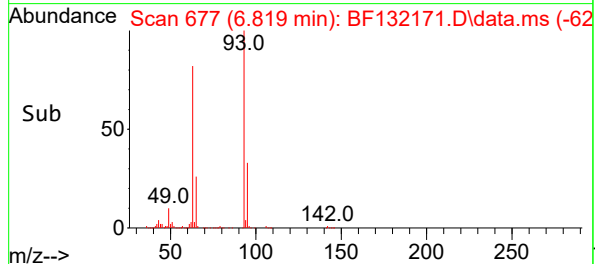
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



Tgt Ion: 93 Resp: 513880
Ion Ratio Lower Upper
93 100
63 81.5 61.6 101.6
95 33.1 12.7 52.7

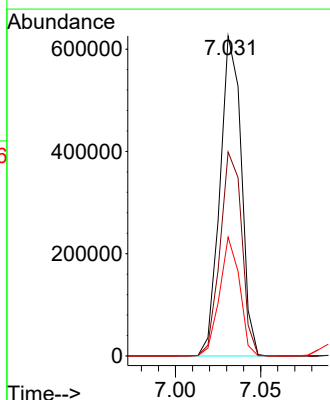
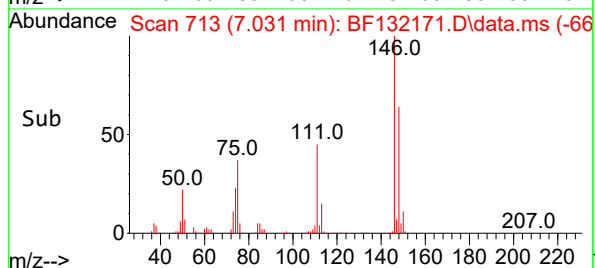
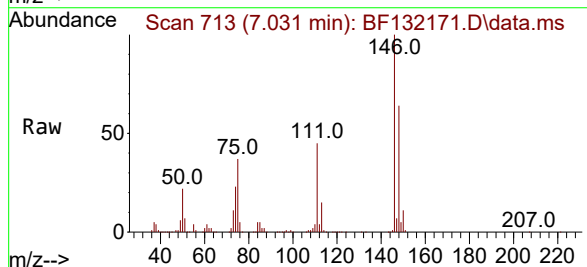
Manual Integrations
APPROVED

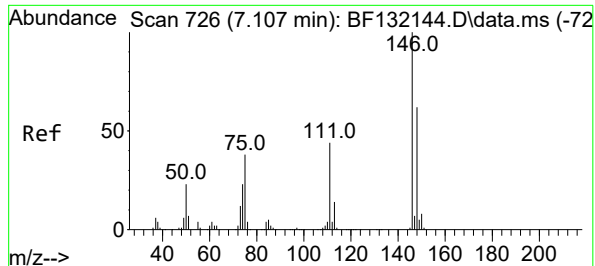
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023



#12
1,3-Dichlorobenzene
Concen: 44.016 ng
RT: 7.031 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

Tgt Ion:146 Resp: 545379
Ion Ratio Lower Upper
146 100
148 63.8 50.0 75.0
75 37.1 28.8 43.2





#13

1,4-Dichlorobenzene

Concen: 44.700 ng

RT: 7.107 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS

Tgt Ion:146 Resp: 552662

Ion Ratio Lower Upper

146 100

148 63.7 49.9 74.9

111 43.9 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Christian

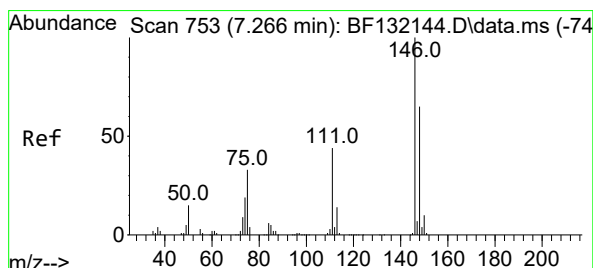
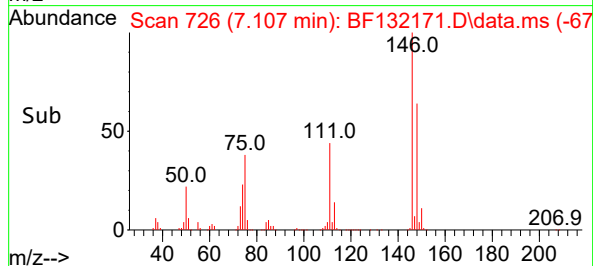
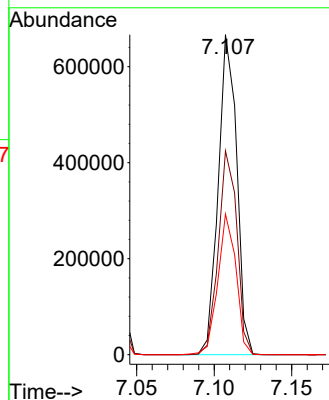
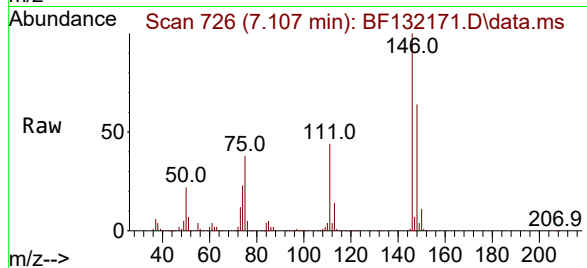
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#14

1,2-Dichlorobenzene

Concen: 46.399 ng

RT: 7.260 min Scan# 752

Delta R.T. -0.006 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

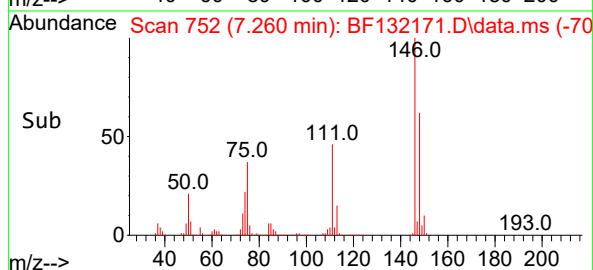
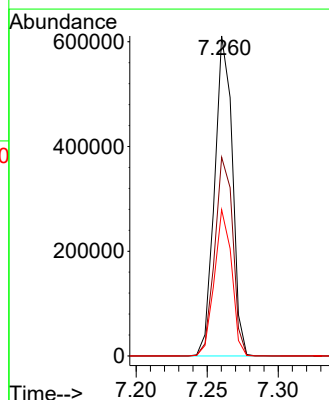
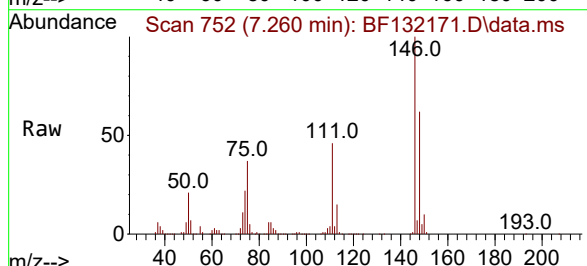
Tgt Ion:146 Resp: 530446

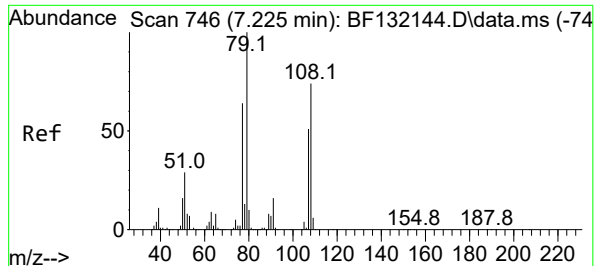
Ion Ratio Lower Upper

146 100

148 62.1 52.0 78.0

111 45.7 35.4 53.2





#15

Benzyl Alcohol

Concen: 47.146 ng m

RT: 7.225 min Scan# 746

Delta R.T. 0.000 min

Lab File: BF132171.D

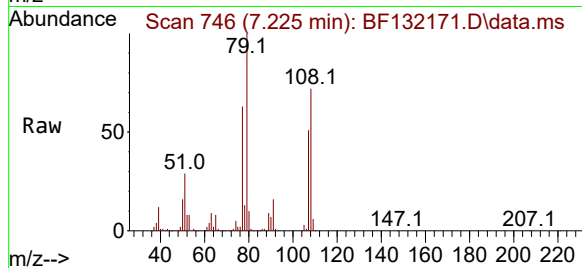
Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS



Tgt Ion: 79 Resp: 478698

Ion Ratio Lower Upper

79 100

108 71.7 58.9 88.3

77 63.5 51.1 76.7

Manual Integrations

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Reviewed By :Christian

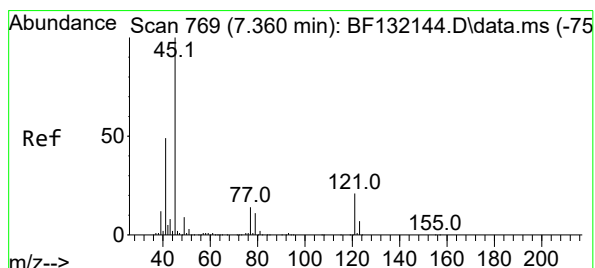
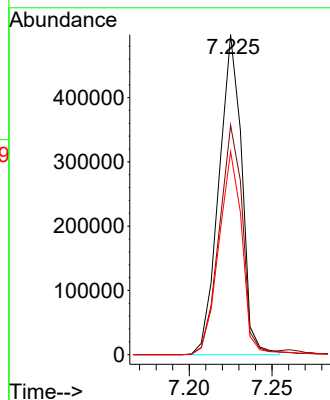
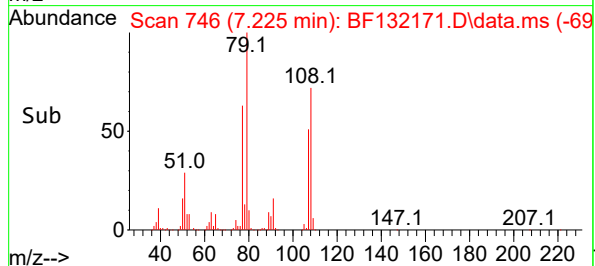
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.449 ng

RT: 7.360 min Scan# 769

Delta R.T. 0.000 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

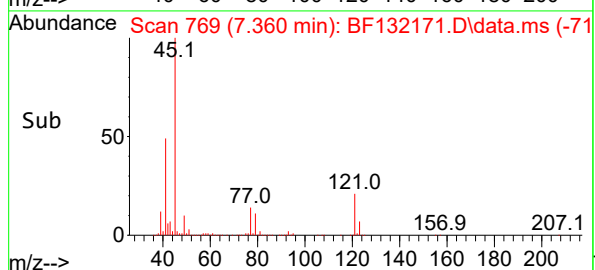
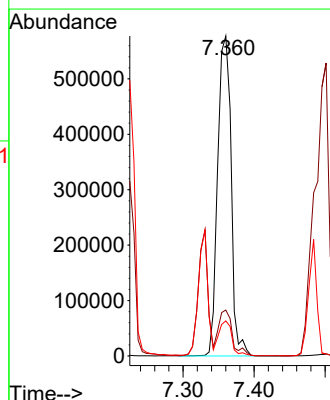
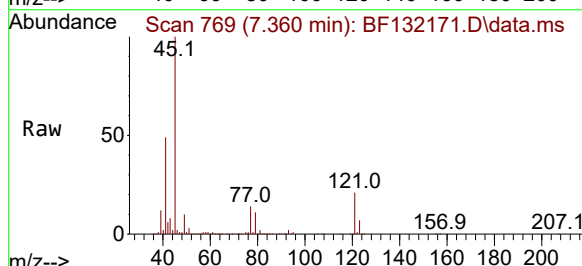
Tgt Ion: 45 Resp: 755751

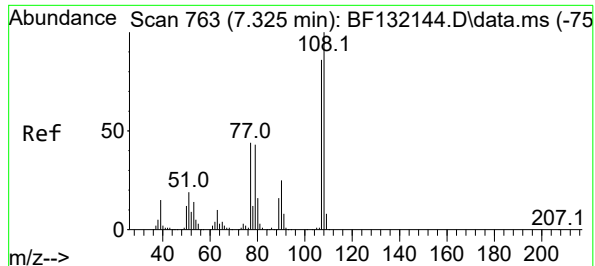
Ion Ratio Lower Upper

45 100

77 14.4 0.0 34.3

79 11.0 0.0 30.9





#17

2-Methylphenol

Concen: 43.483 ng

RT: 7.331 min Scan# 764

Delta R.T. 0.006 min

Lab File: BF132171.D

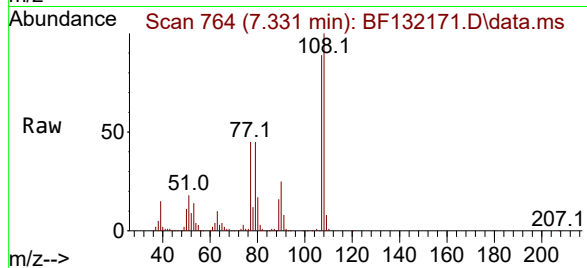
Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS



Tgt Ion:107 Resp: 42225

Ion Ratio Lower Upper

107 100

108 112.3 92.8 139.2

77 50.2 41.1 61.7

79 50.2 39.6 59.4

Manual Integrations

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Reviewed By :Christian

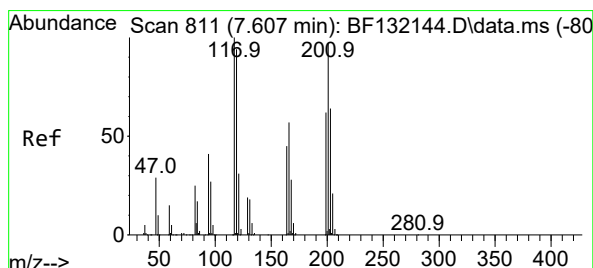
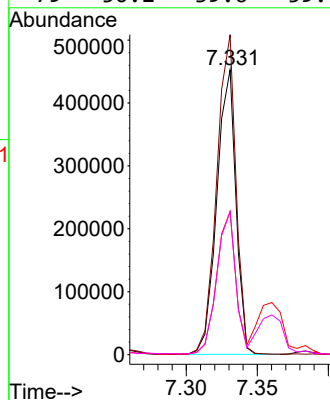
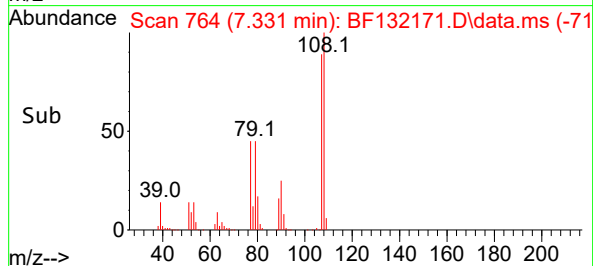
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#18

Hexachloroethane

Concen: 46.772 ng

RT: 7.607 min Scan# 811

Delta R.T. 0.000 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

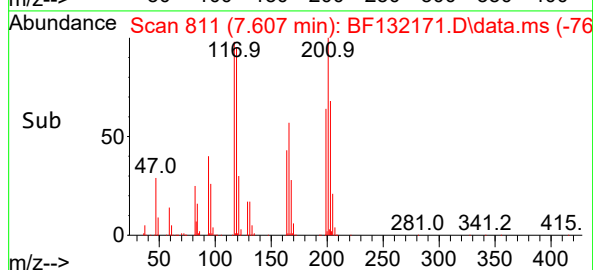
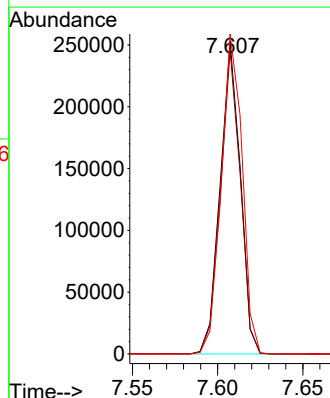
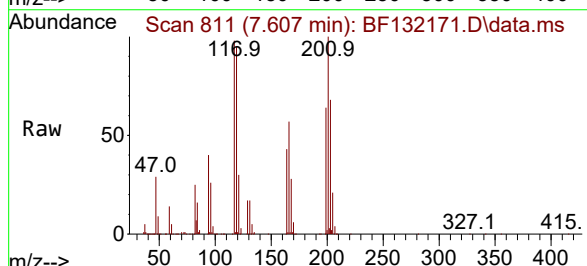
Tgt Ion:117 Resp: 207584

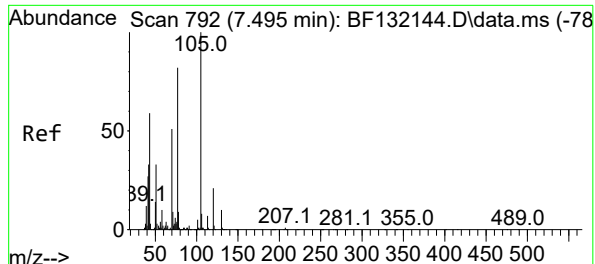
Ion Ratio Lower Upper

117 100

119 97.1 75.4 113.0

201 102.4 77.9 116.9





#19

n-Nitroso-di-n-propylamine

Concen: 42.857 ng

RT: 7.501 min Scan# 792

Delta R.T. 0.006 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS

Tgt Ion: 70 Resp: 348478

Ion Ratio Lower Upper

70 100

42 60.0 51.0 76.4

101 10.1 7.3 10.9

130 20.5 15.4 23.2

Manual Integrations

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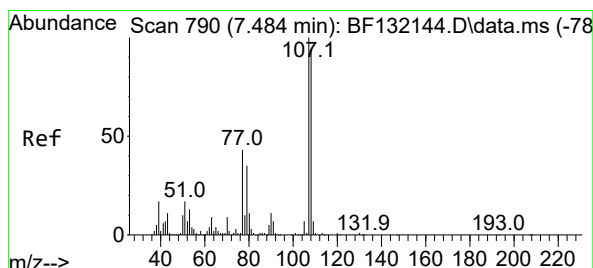
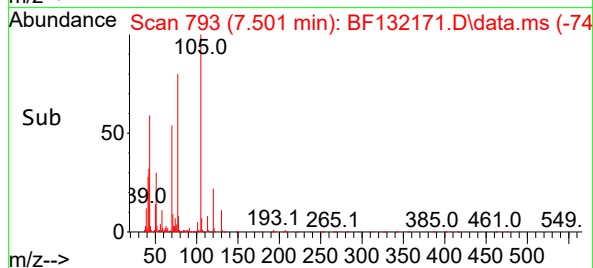
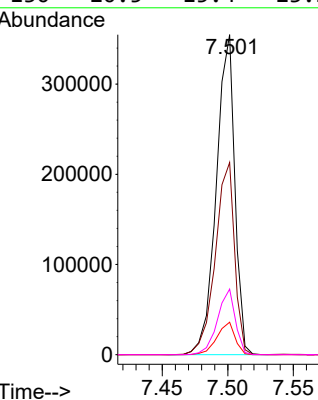
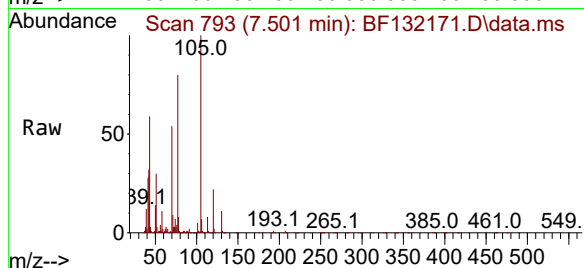
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#20

3+4-Methylphenols

Concen: 42.970 ng

RT: 7.484 min Scan# 790

Delta R.T. -0.000 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

Tgt Ion:107 Resp: 525790

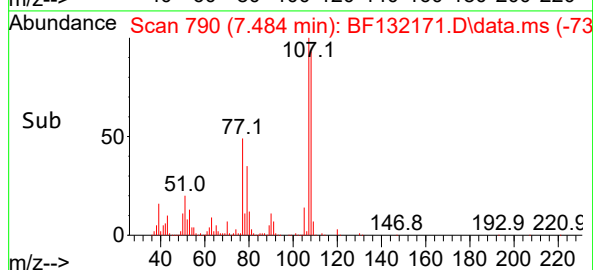
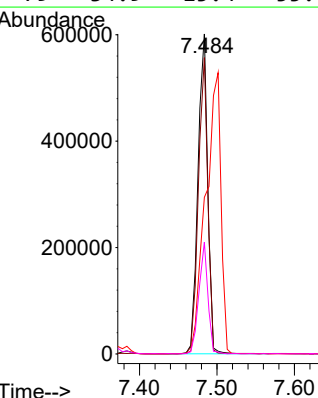
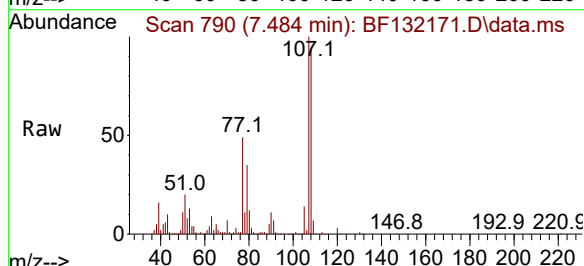
Ion Ratio Lower Upper

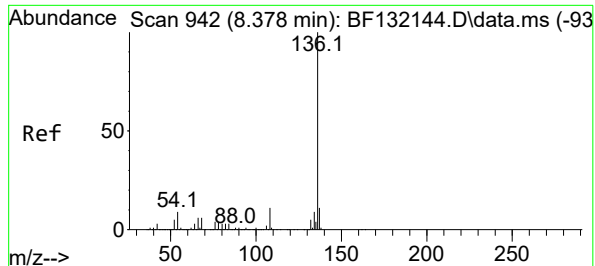
107 100

108 92.6 73.8 113.8

77 49.0 22.8 62.8

79 34.9 15.4 55.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.378 min Scan# 942

Delta R.T. -0.000 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS

Tgt Ion:136 Resp: 674454

Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.4 7.0 10.6

68 6.1 5.0 7.6

Manual Integrations

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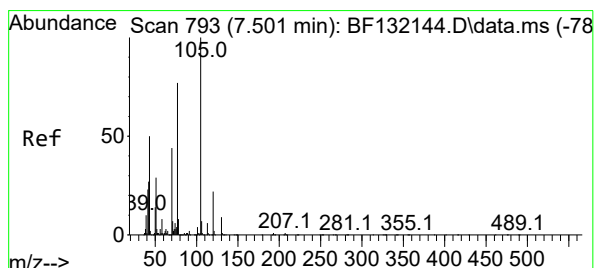
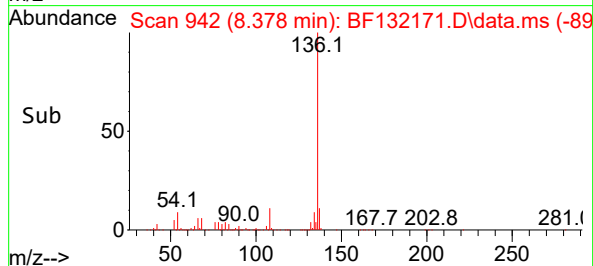
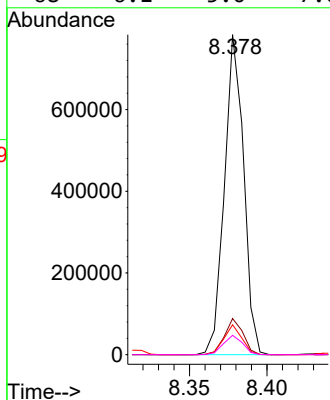
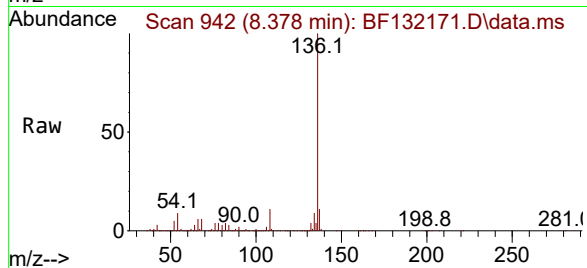
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#22

Acetophenone

Concen: 41.062 ng

RT: 7.501 min Scan# 793

Delta R.T. 0.000 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

Tgt Ion:105 Resp: 665637

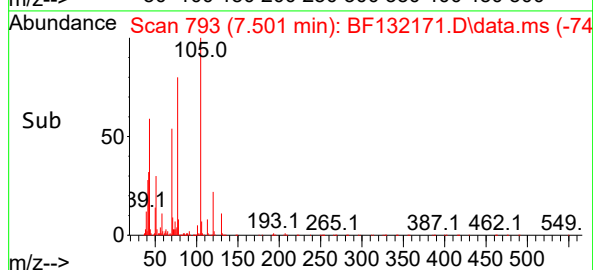
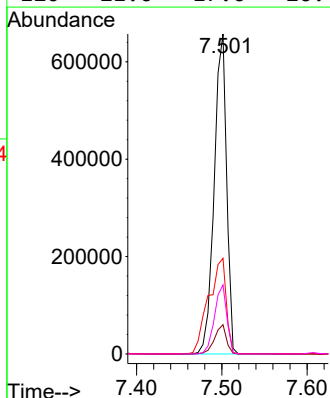
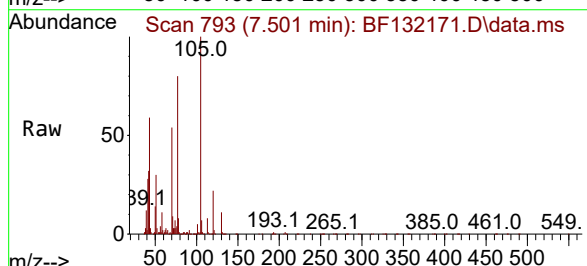
Ion Ratio Lower Upper

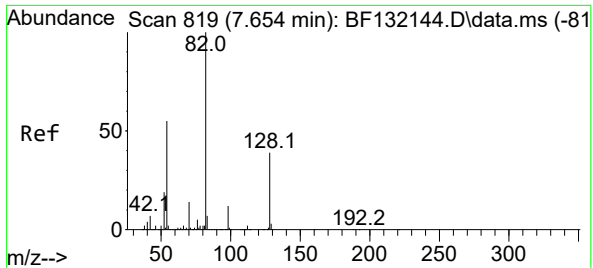
105 100

71 9.2 5.8 8.6

51 29.9 23.0 34.6

120 21.6 17.6 26.4





#23

Nitrobenzene-d5

Concen: 81.365 ng

RT: 7.654 min Scan# 819

Delta R.T. 0.000 min

Lab File: BF132171.D

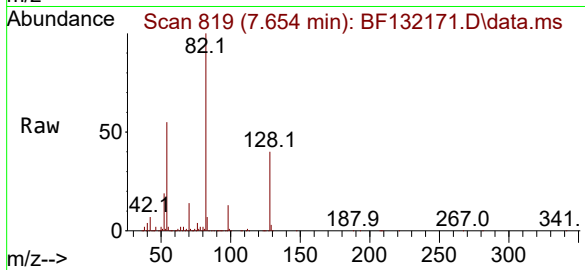
Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS



Tgt Ion: 82 Resp: 1033020

Ion Ratio Lower Upper

82 100

128 39.5 31.1 46.7

54 54.7 43.9 65.9

Manual Integrations

APPROVED

Reviewed By :Christian

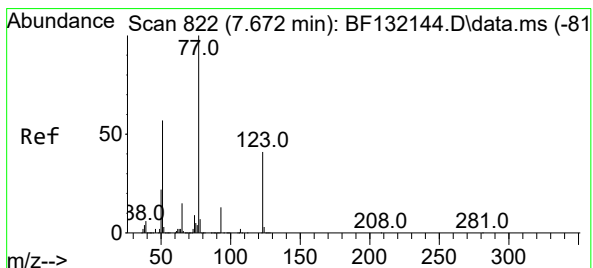
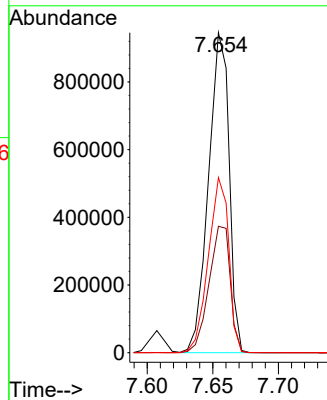
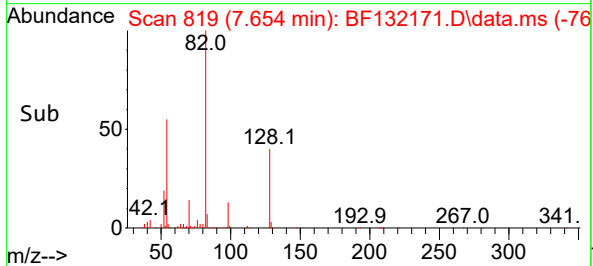
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#24

Nitrobenzene

Concen: 42.745 ng

RT: 7.678 min Scan# 823

Delta R.T. 0.006 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

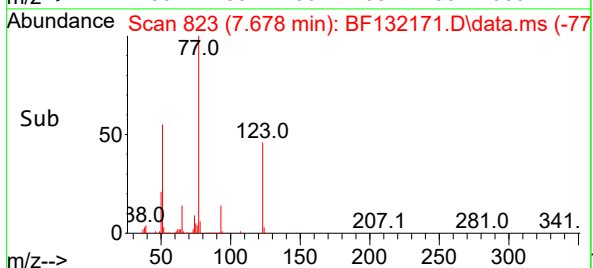
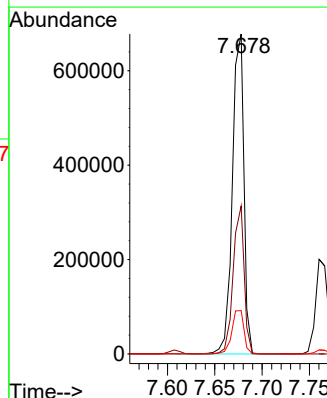
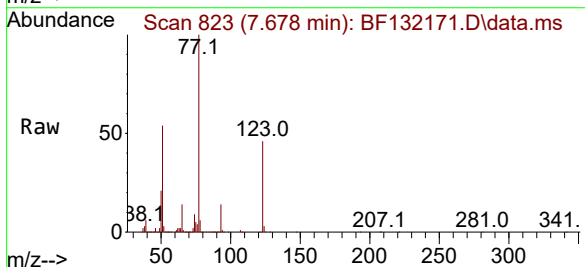
Tgt Ion: 77 Resp: 574598

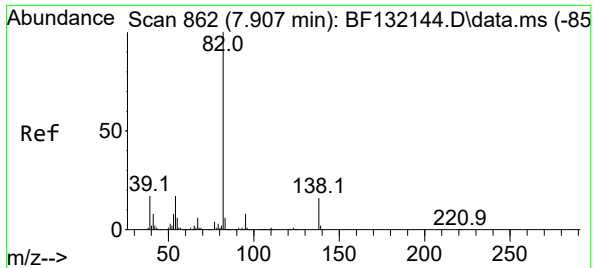
Ion Ratio Lower Upper

77 100

123 46.2 33.1 49.7

65 13.5 11.7 17.5





#25

Isophorone

Concen: 42.749 ng

RT: 7.913 min Scan# 863

Delta R.T. 0.006 min

Lab File: BF132171.D

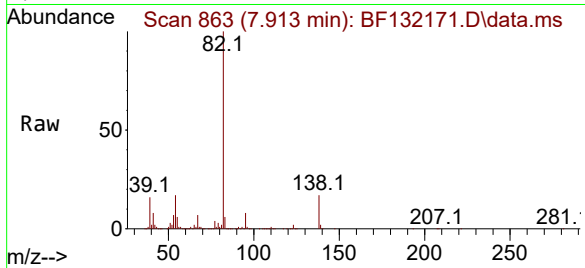
Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS



Tgt Ion: 82 Resp: 1061960

Ion Ratio Lower Upper

82 100

95 8.1 6.2 9.2

138 17.2 12.9 19.3

Manual Integrations

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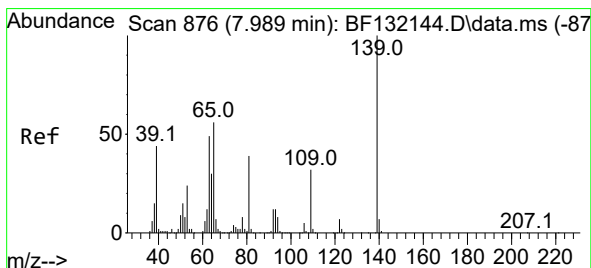
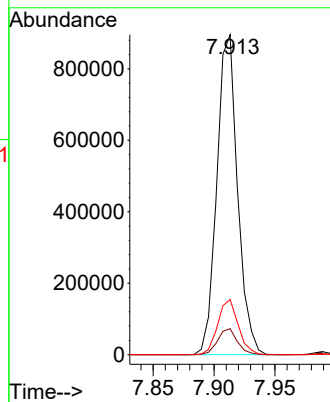
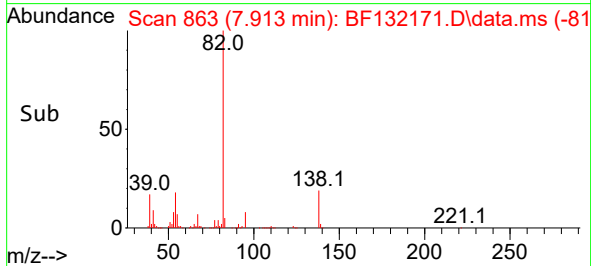
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#26

2-Nitrophenol

Concen: 51.662 ng

RT: 7.990 min Scan# 876

Delta R.T. 0.001 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

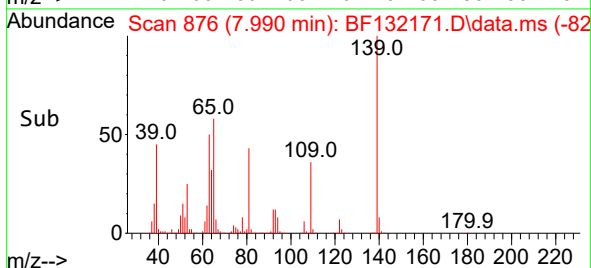
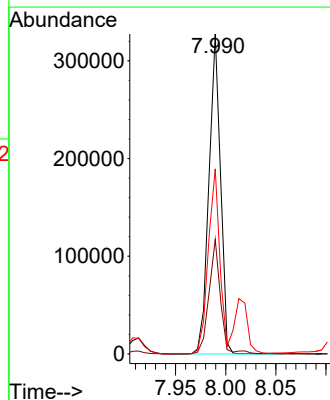
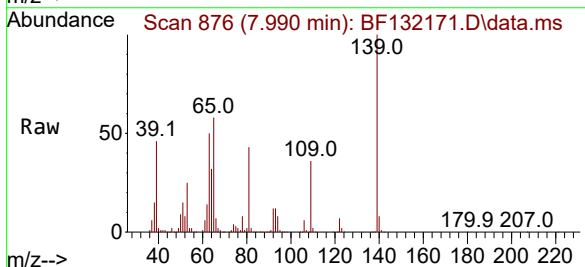
Tgt Ion:139 Resp: 264966

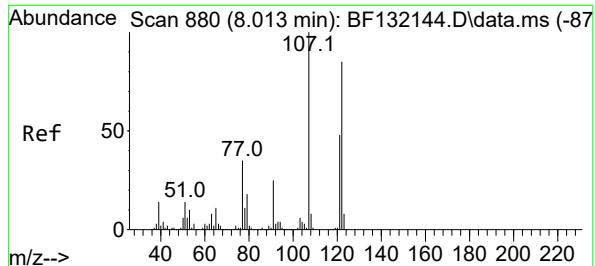
Ion Ratio Lower Upper

139 100

109 35.9 25.8 38.8

65 57.8 44.6 66.8





#27

2,4-Dimethylphenol

Concen: 44.353 ng

RT: 8.019 min Scan# 881

Delta R.T. 0.006 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS

Tgt Ion:122 Resp: 47675

Ion Ratio Lower Upper

122 100

107 117.2 94.2 141.4

121 57.8 45.6 68.4

Manual Integrations

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Reviewed By :Christian

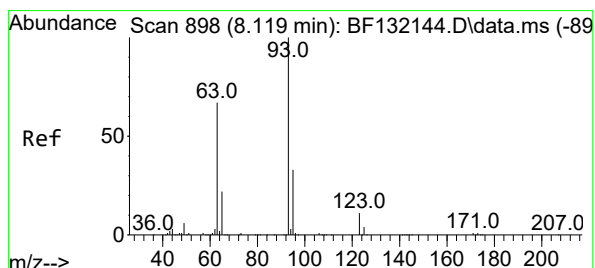
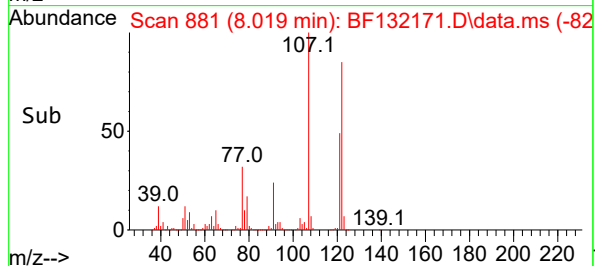
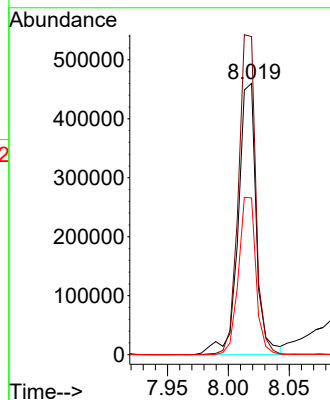
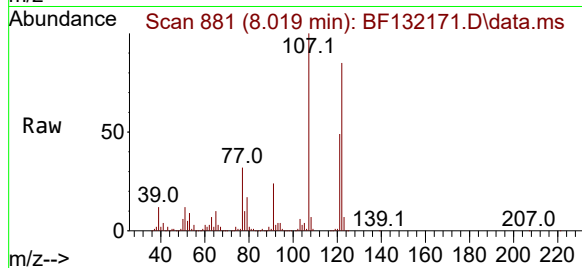
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#28

bis(2-Chloroethoxy)methane

Concen: 41.142 ng

RT: 8.119 min Scan# 898

Delta R.T. -0.000 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

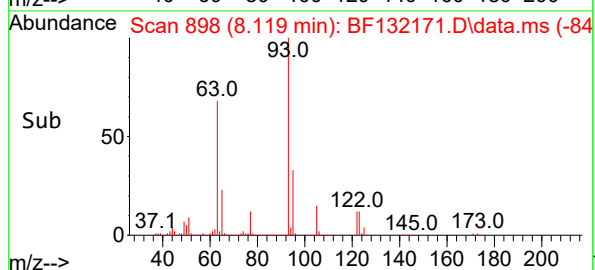
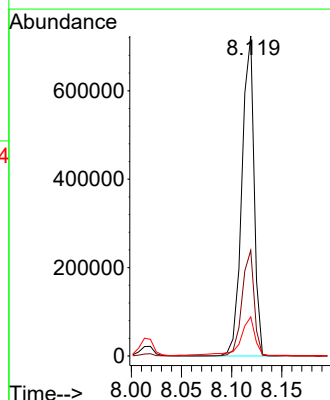
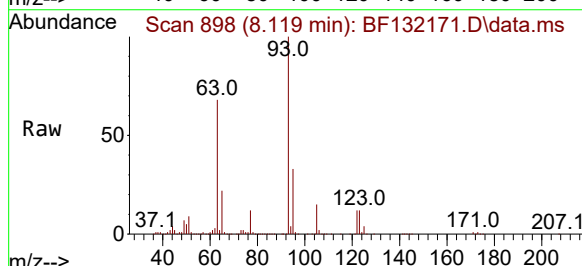
Tgt Ion: 93 Resp: 613210

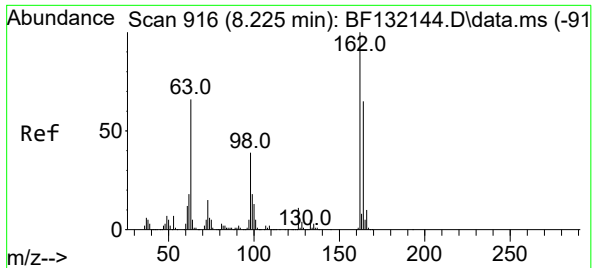
Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.2

123 12.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 43.975 ng

RT: 8.231 min Scan# 916

Delta R.T. 0.006 min

Lab File: BF132171.D

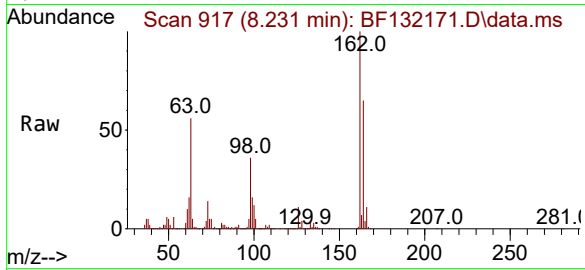
Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS



Tgt Ion:162 Resp: 448760

Ion Ratio Lower Upper

162 100

164 64.5 44.7 84.7

98 36.1 18.8 58.8

Manual Integrations

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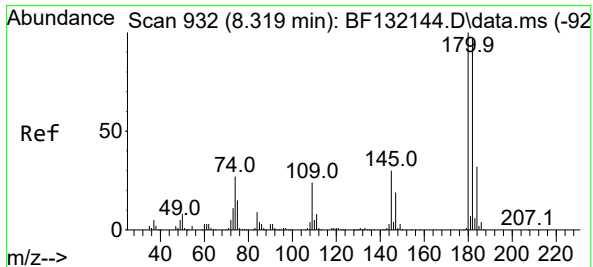
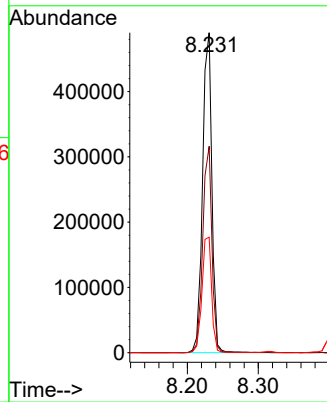
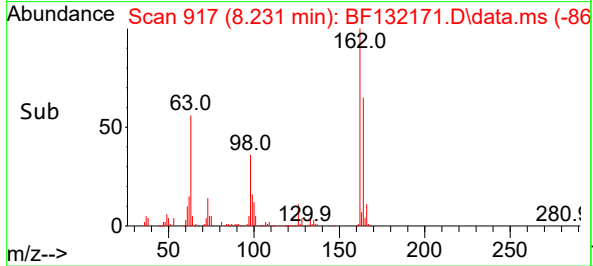
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#30

1,2,4-Trichlorobenzene

Concen: 42.222 ng

RT: 8.319 min Scan# 932

Delta R.T. 0.000 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

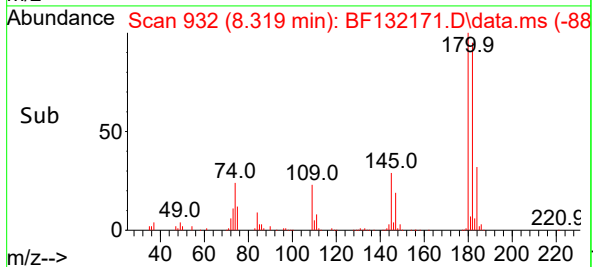
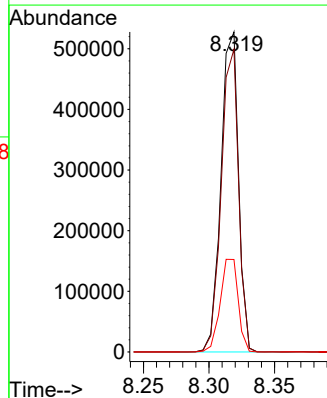
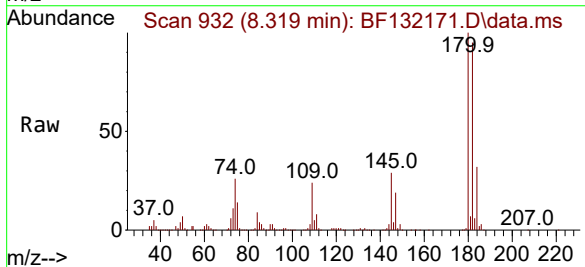
Tgt Ion:180 Resp: 489393

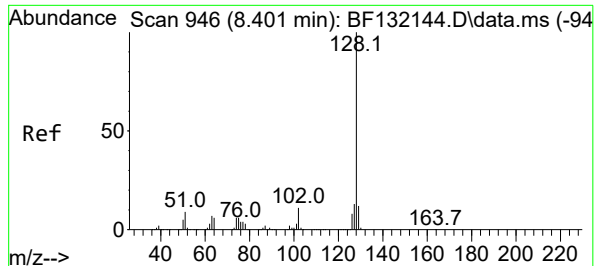
Ion Ratio Lower Upper

180 100

182 94.6 77.4 116.0

145 28.9 23.8 35.6





#31

Naphthalene

Concen: 40.435 ng

RT: 8.401 min Scan# 946

Delta R.T. 0.000 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS

Tgt Ion:128 Resp: 140060

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

127 13.4 10.6 15.8

Manual Integrations

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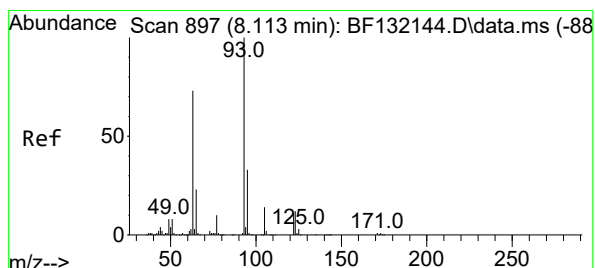
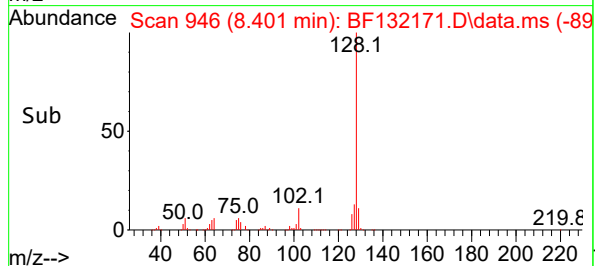
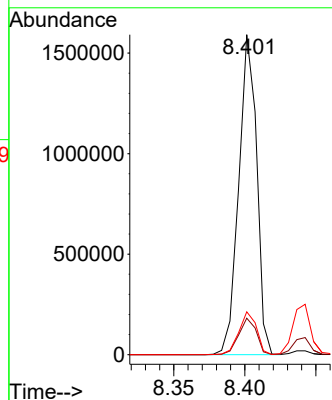
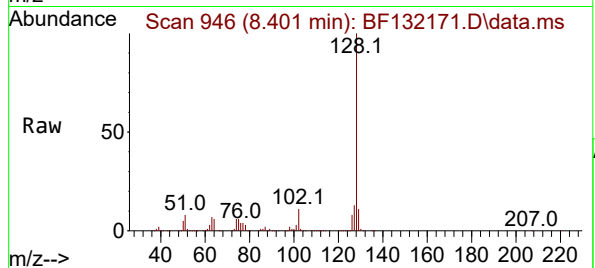
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#32

Benzoic acid

Concen: 48.858 ng

RT: 8.125 min Scan# 899

Delta R.T. 0.012 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

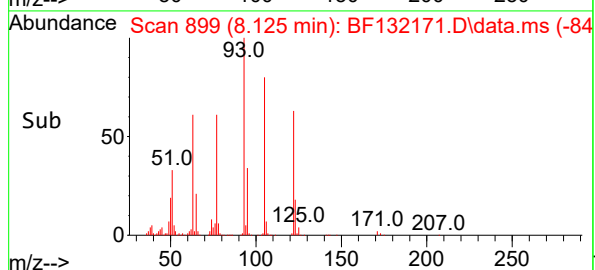
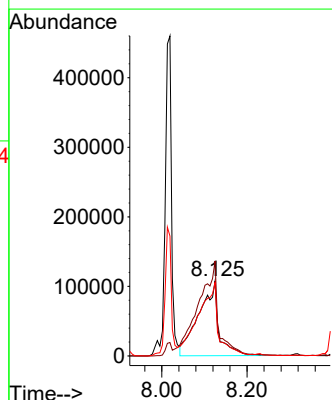
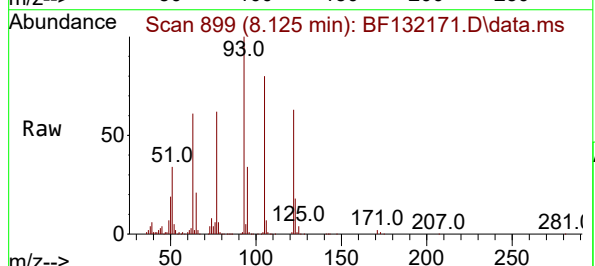
Tgt Ion:122 Resp: 351863

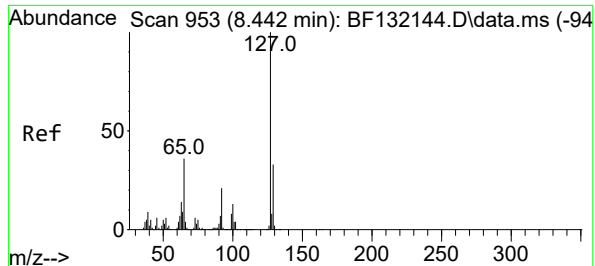
Ion Ratio Lower Upper

122 100

105 126.8 96.8 136.8

77 98.3 72.5 112.5





#33

4-Chloroaniline

Concen: 15.018 ng

RT: 8.442 min Scan# 953

Delta R.T. 0.000 min

Lab File: BF132171.D

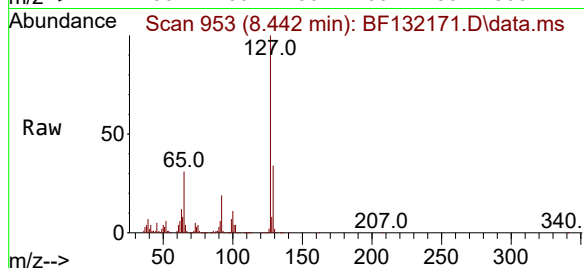
Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS



Tgt Ion:127 Resp: 222620

Ion Ratio Lower Upper

127 100

129 34.1 26.0 39.0

65 31.5 28.4 42.6

92 18.8 16.7 25.1

Manual Integrations

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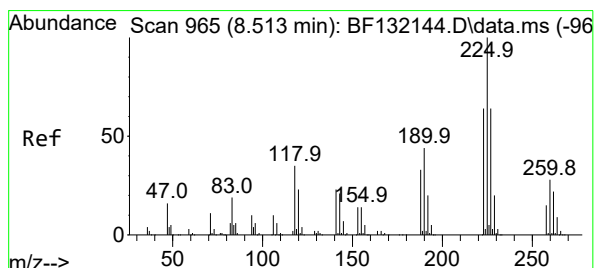
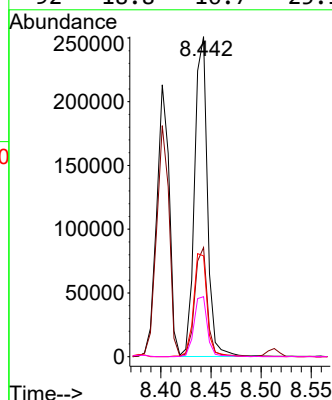
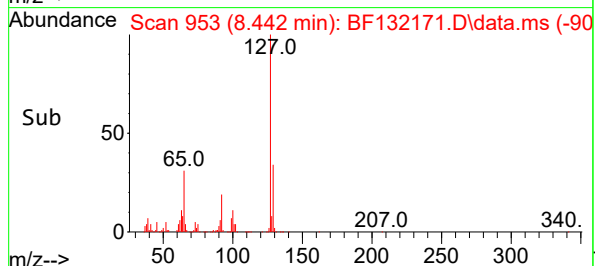
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#34

Hexachlorobutadiene

Concen: 41.776 ng

RT: 8.513 min Scan# 965

Delta R.T. 0.000 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

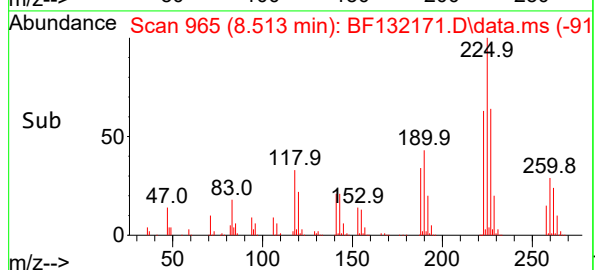
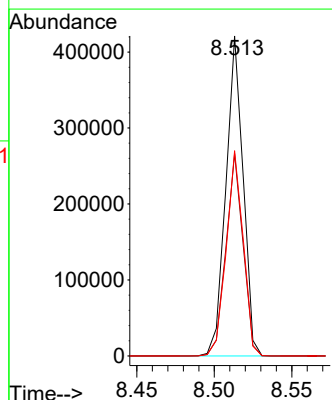
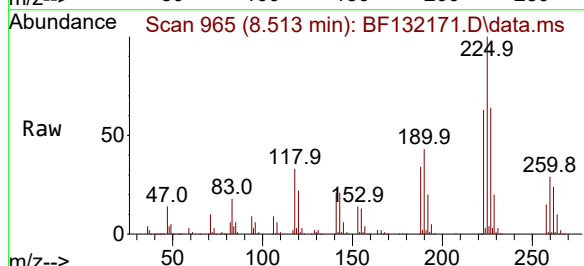
Tgt Ion:225 Resp: 325291

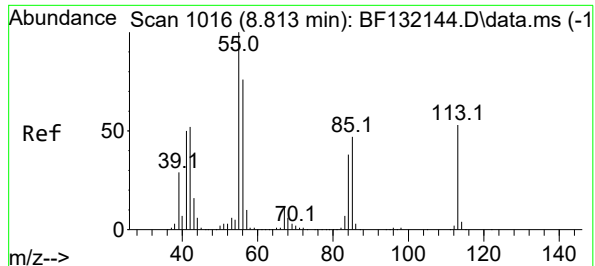
Ion Ratio Lower Upper

225 100

223 63.2 50.9 76.3

227 64.2 50.8 76.2





#35

Caprolactam

Concen: 51.751 ng m

RT: 8.819 min Scan# 1016

Delta R.T. 0.006 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS

Tgt Ion:113 Resp: 149764

Ion Ratio Lower Upper

113 100

55 182.6 167.5 207.5

56 135.1 122.0 162.0

Manual Integrations

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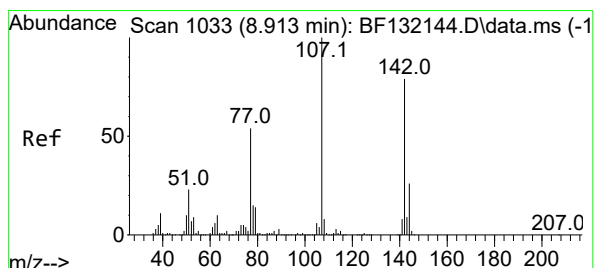
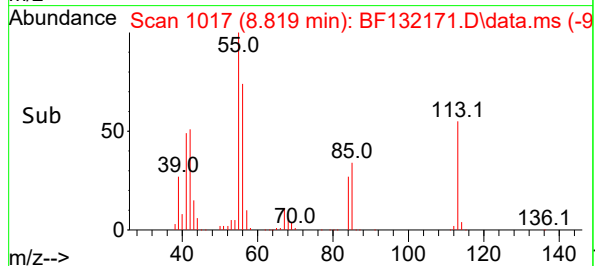
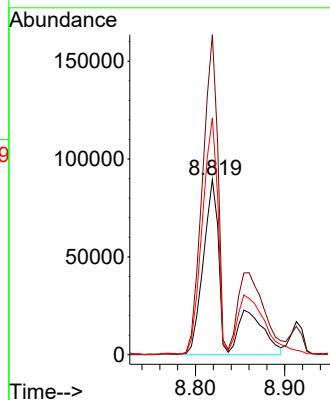
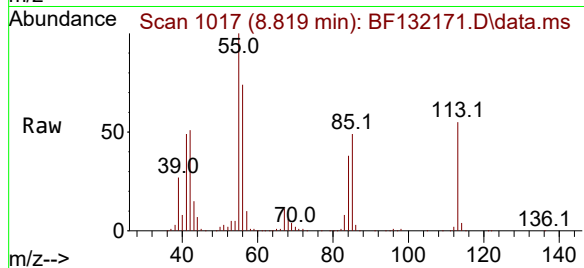
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#36

4-Chloro-3-methylphenol

Concen: 45.831 ng

RT: 8.913 min Scan# 1033

Delta R.T. 0.000 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

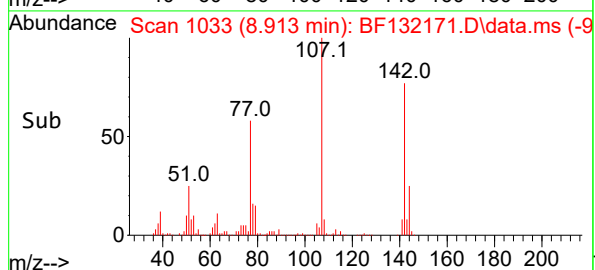
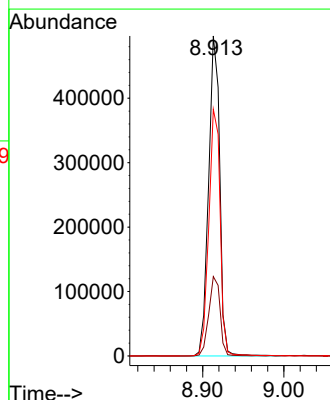
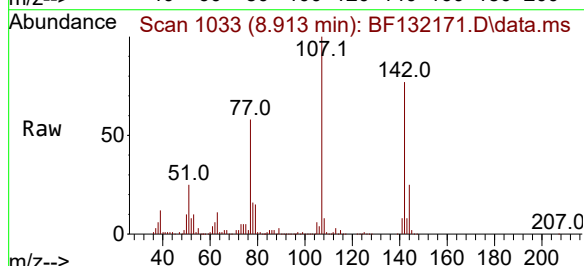
Tgt Ion:107 Resp: 470663

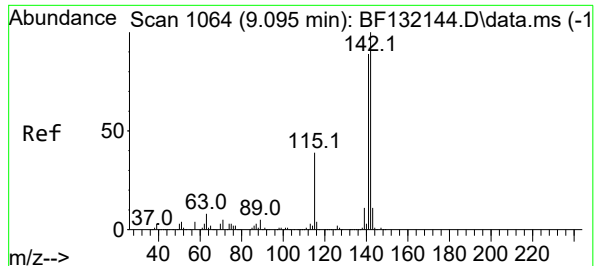
Ion Ratio Lower Upper

107 100

144 24.8 21.0 31.4

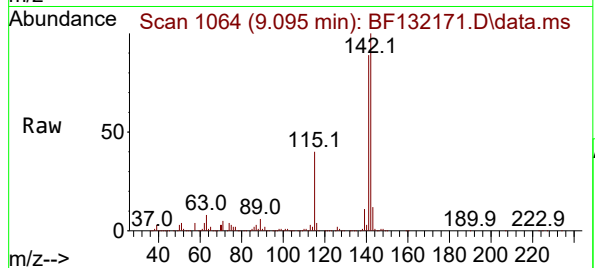
142 77.1 63.6 95.4





#37
2-Methylnaphthalene
Concen: 38.790 ng
RT: 9.095 min Scan# 1064
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

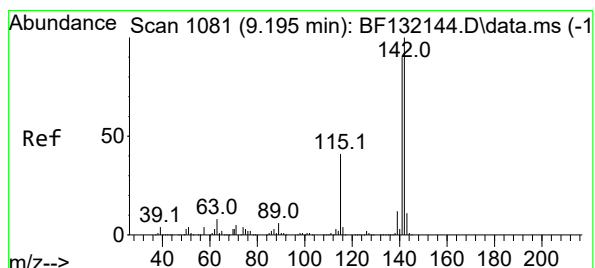
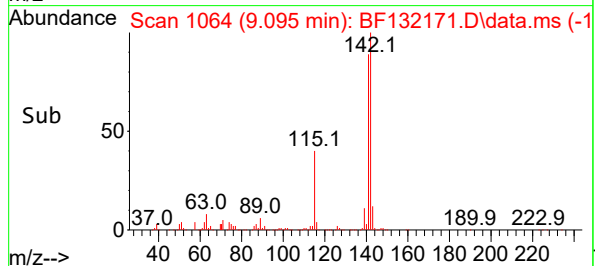
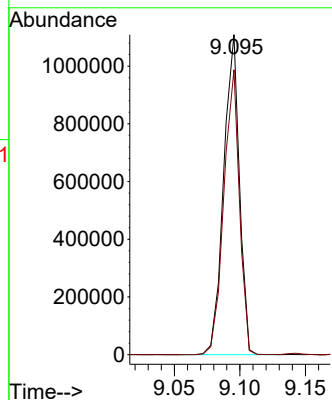
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



Tgt Ion:142 Resp: 925079
Ion Ratio Lower Upper
142 100
141 89.0 71.1 106.7

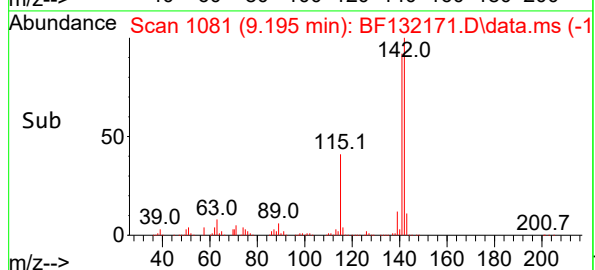
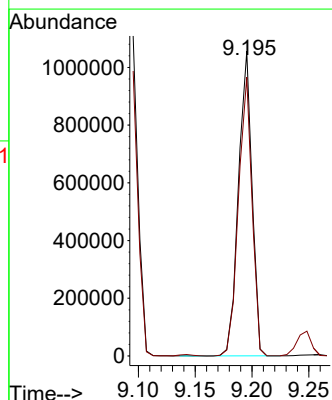
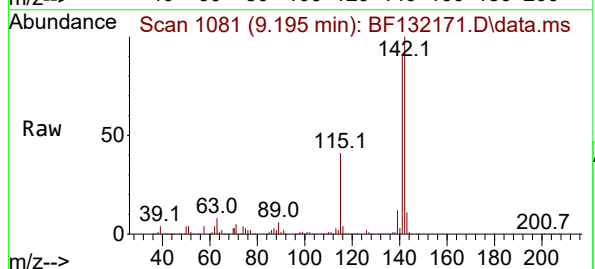
Manual Integrations
APPROVED

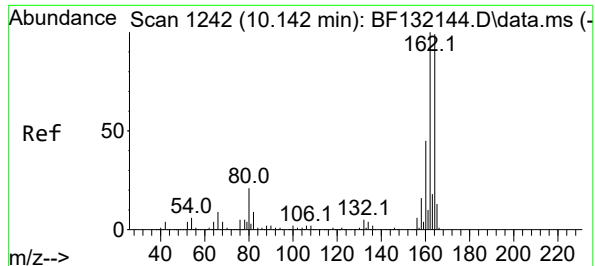
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023



#38
1-Methylnaphthalene
Concen: 39.527 ng
RT: 9.195 min Scan# 1081
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

Tgt Ion:142 Resp: 877096
Ion Ratio Lower Upper
142 100
141 91.5 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.142 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132171.D

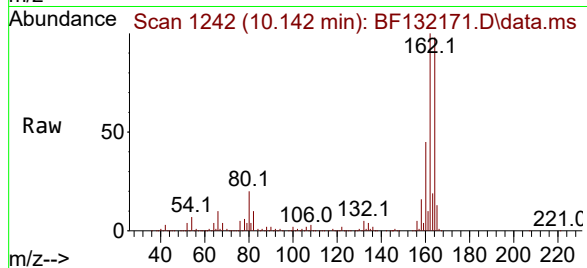
Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS



Tgt Ion:164 Resp: 36904

Ion Ratio Lower Upper

164 100

162 102.0 81.2 121.8

160 46.0 36.9 55.3

Manual Integrations

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Reviewed By :Christian

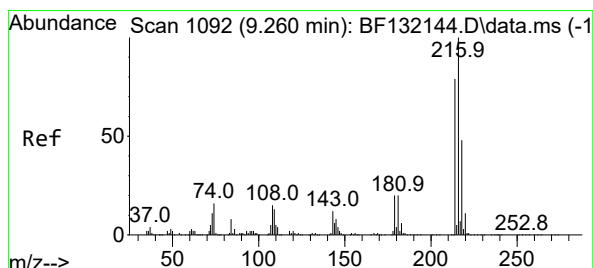
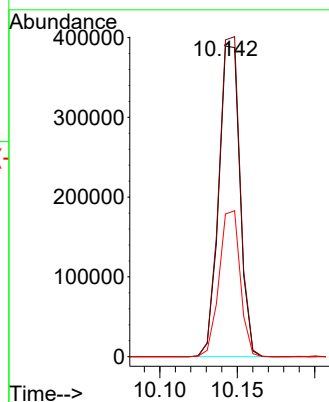
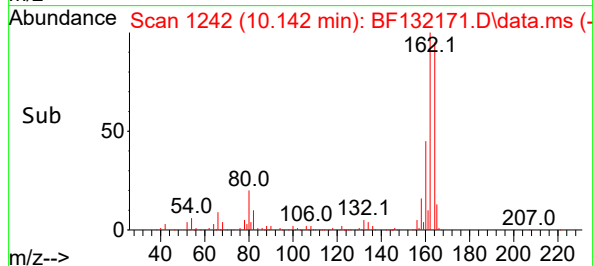
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#40

1,2,4,5-Tetrachlorobenzene

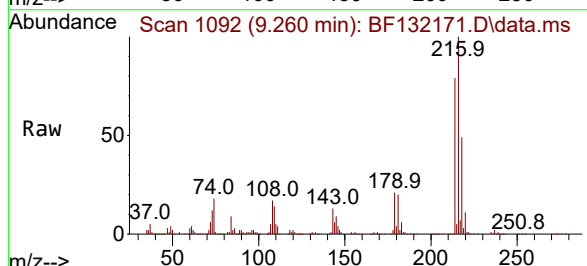
Concen: 39.012 ng

RT: 9.260 min Scan# 1092

Delta R.T. 0.000 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35



Tgt Ion:216 Resp: 500922

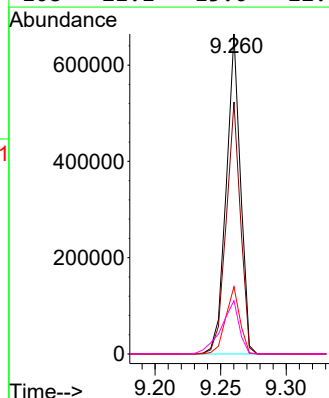
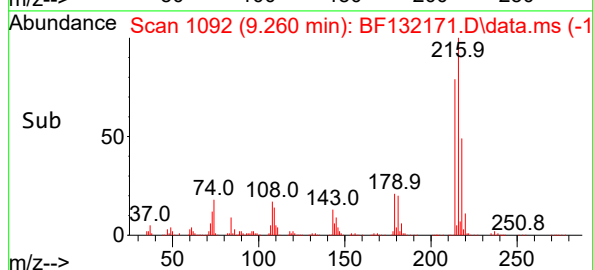
Ion Ratio Lower Upper

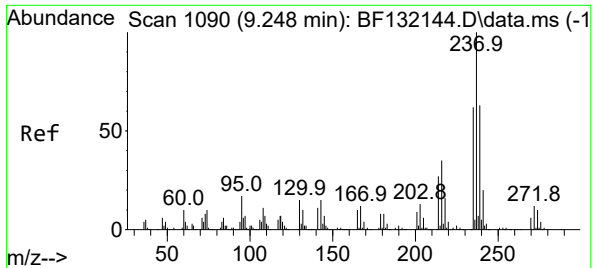
216 100

214 78.9 63.1 94.7

179 20.9 16.6 24.8

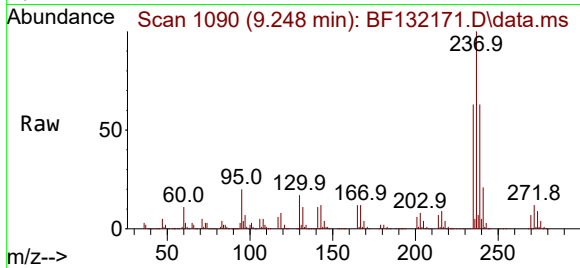
108 21.1 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 92.788 ng
RT: 9.248 min Scan# 1090
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

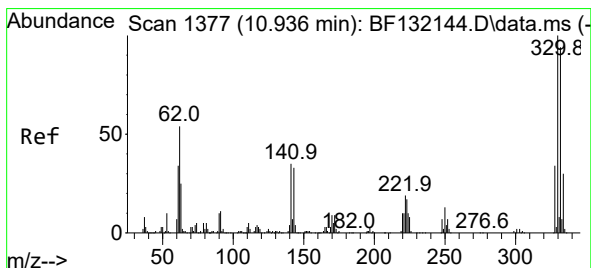
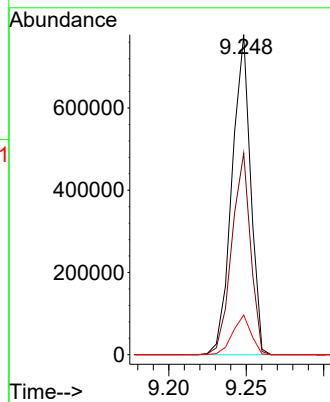
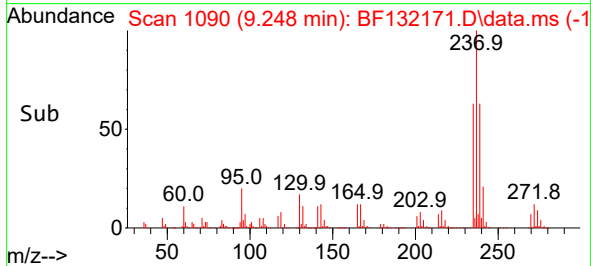
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



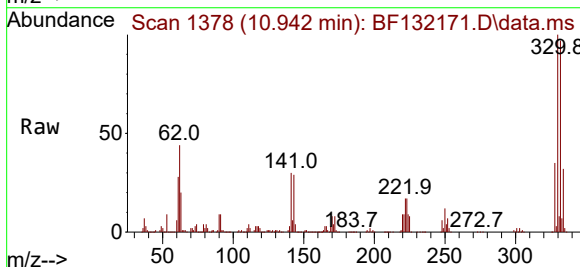
Tgt Ion: 237 Resp: 650140
Ion Ratio Lower Upper
237 100
235 63.0 41.7 81.7
272 12.4 0.0 32.3

Manual Integrations
APPROVED

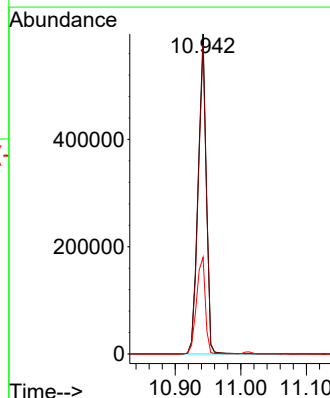
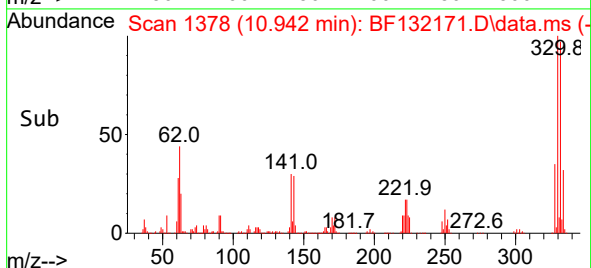
Reviewed By : Christian
Giraldo
01/23/2023
Supervised By : Jagrut
Upadhyay
01/23/2023

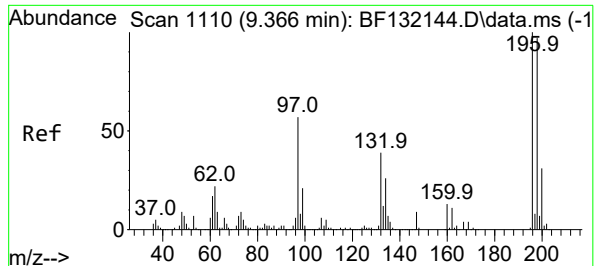


#42
2,4,6-Tribromophenol
Concen: 131.484 ng
RT: 10.942 min Scan# 1378
Delta R.T. 0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35



Tgt Ion: 330 Resp: 518300
Ion Ratio Lower Upper
330 100
332 96.5 75.6 113.4
141 32.6 27.1 40.7





#43

2,4,6-Trichlorophenol

Concen: 44.387 ng

RT: 9.366 min Scan# 1110

Delta R.T. 0.000 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS

Tgt Ion:196 Resp: 35371

Ion Ratio Lower Upper

196 100

198 95.1 77.4 116.2

200 31.0 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Christian

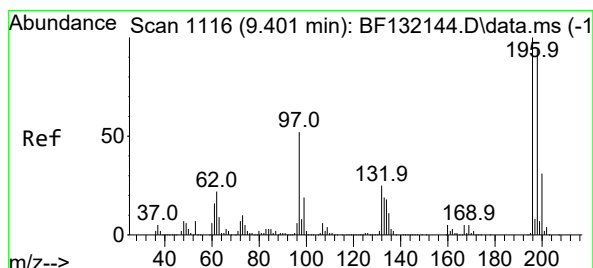
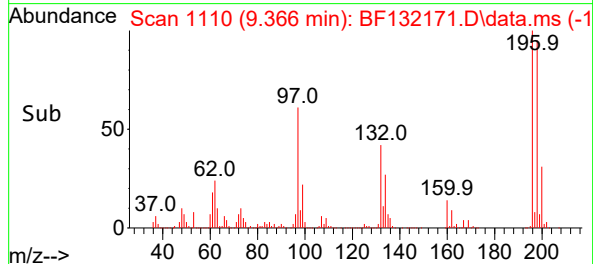
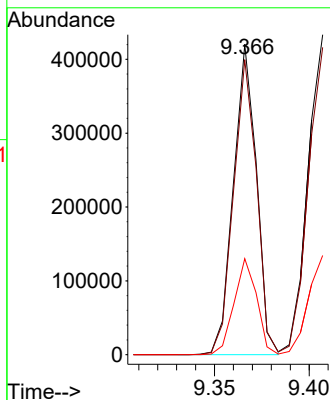
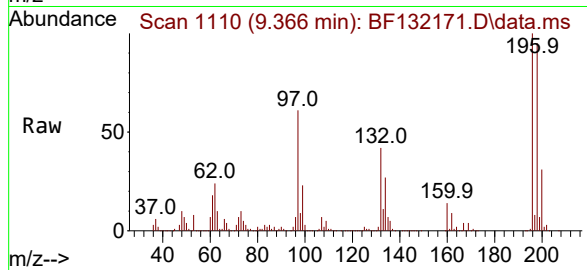
Giraldo

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Supervised By :Jagrut

Upadhyay

01/23/2023



#44

2,4,5-Trichlorophenol

Concen: 41.518 ng

RT: 9.407 min Scan# 1117

Delta R.T. 0.006 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

Tgt Ion:196 Resp: 386938

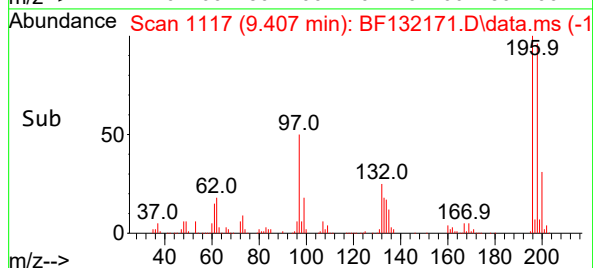
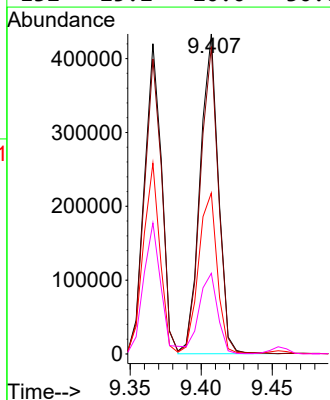
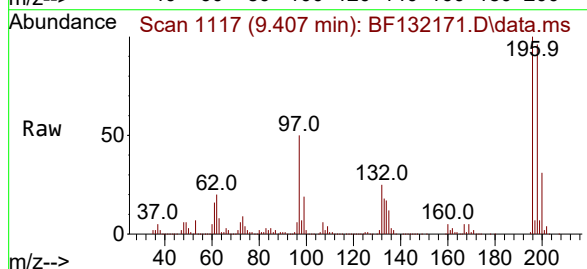
Ion Ratio Lower Upper

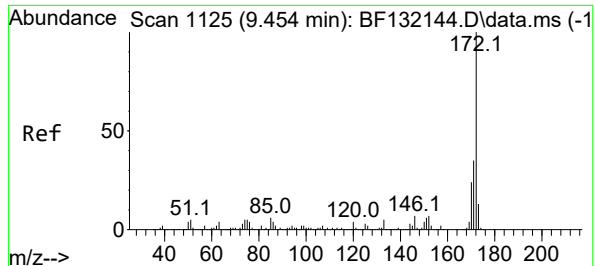
196 100

198 96.1 75.3 112.9

97 50.3 41.3 61.9

132 25.2 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 65.701 ng

RT: 9.454 min Scan# 1125

Delta R.T. 0.000 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS

Tgt Ion:172 Resp: 165932

Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.2

170 24.0 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Christian

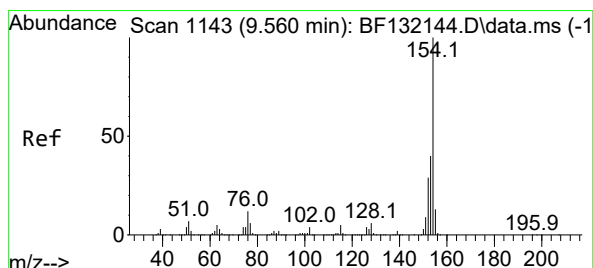
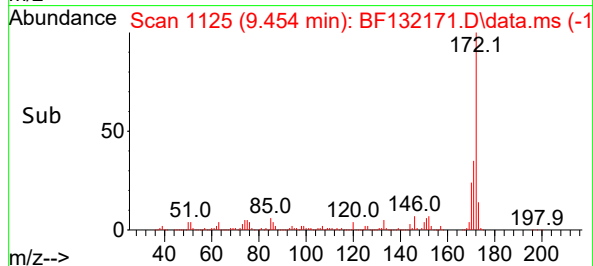
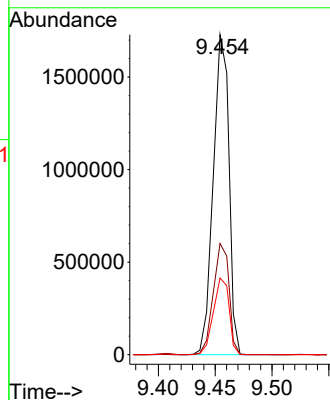
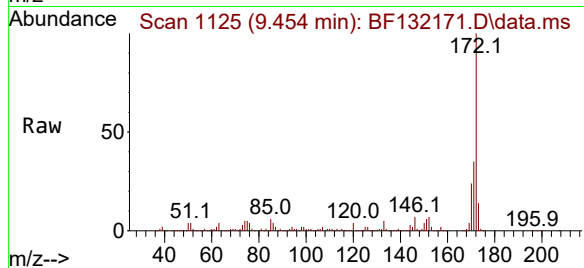
Giraldo

01/23/2023

Supervised By :Jagrut

Upadhyay

01/23/2023



#46

1,1'-Biphenyl

Concen: 39.762 ng

RT: 9.560 min Scan# 1143

Delta R.T. 0.000 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

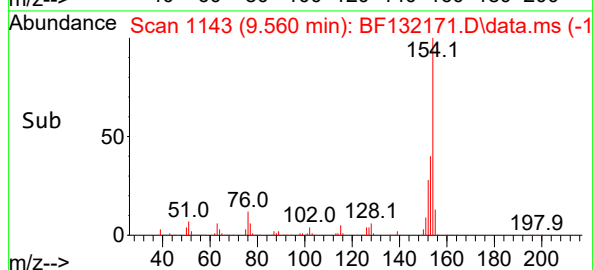
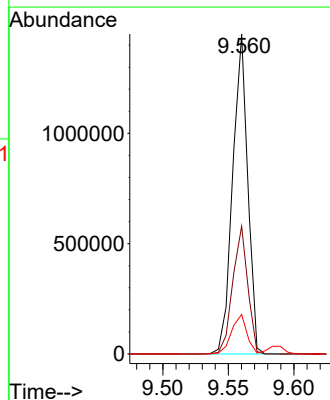
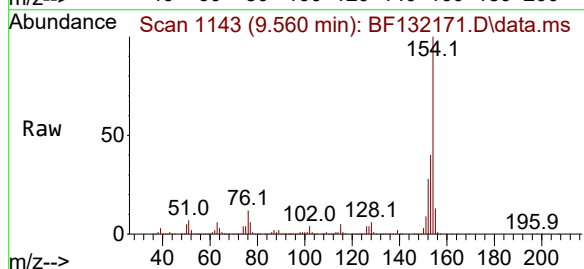
Tgt Ion:154 Resp: 1157682

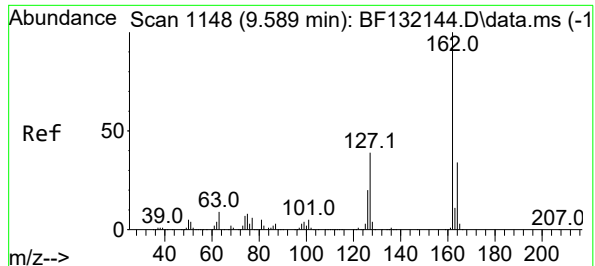
Ion Ratio Lower Upper

154 100

153 40.0 20.2 60.2

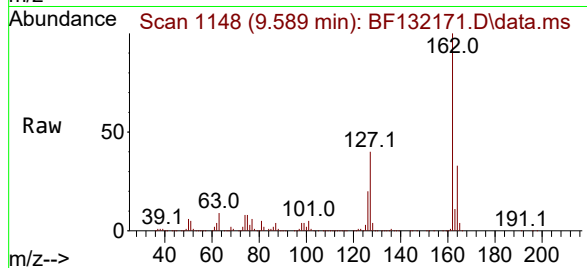
76 12.3 0.0 32.2





#47
2-Chloronaphthalene
Concen: 41.075 ng
RT: 9.589 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

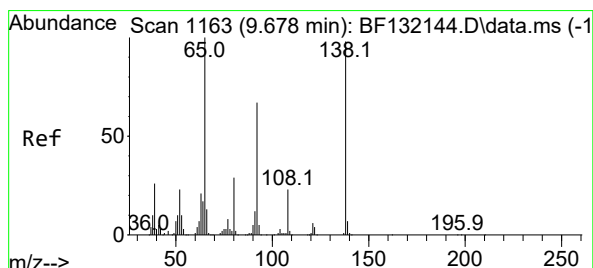
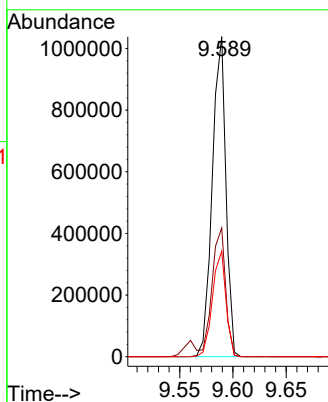
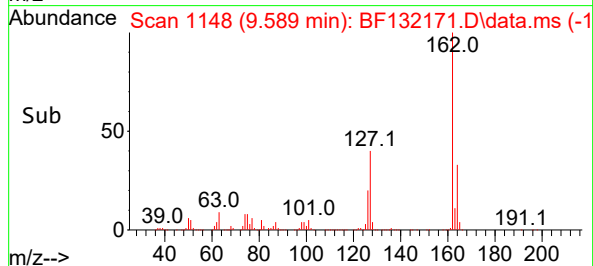
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



Tgt Ion:162 Resp: 92447
Ion Ratio Lower Upper
162 100
127 40.2 31.1 46.7
164 33.0 26.9 40.3

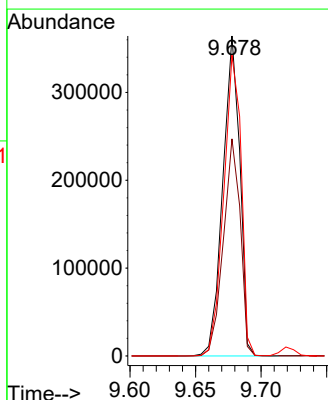
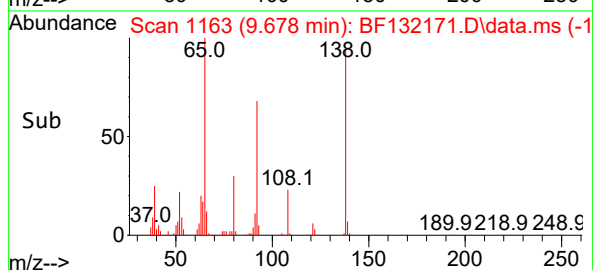
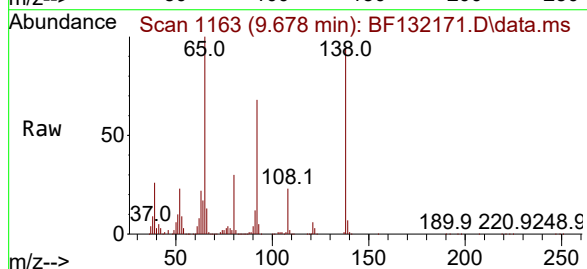
Manual Integrations
APPROVED

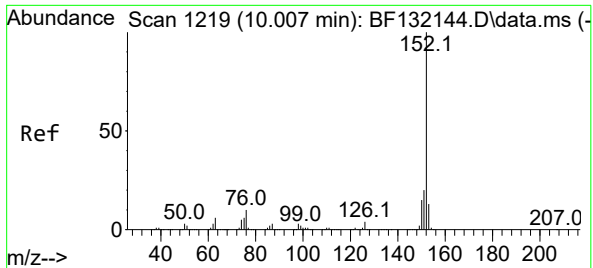
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023



#48
2-Nitroaniline
Concen: 45.547 ng
RT: 9.678 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

Tgt Ion: 65 Resp: 326841
Ion Ratio Lower Upper
65 100
92 67.8 53.8 80.6
138 94.0 78.7 118.1





#49

Acenaphthylene

Concen: 40.393 ng

RT: 10.007 min Scan# 1193

Delta R.T. 0.000 min

Lab File: BF132171.D

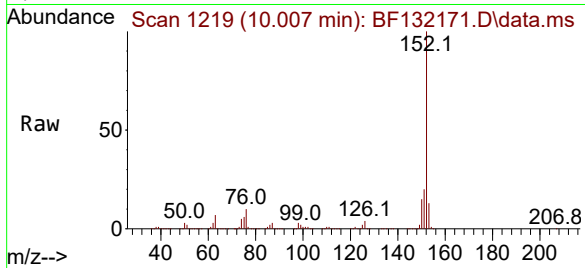
Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS



Tgt Ion:152 Resp: 145435

Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6

153 13.5 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Christian

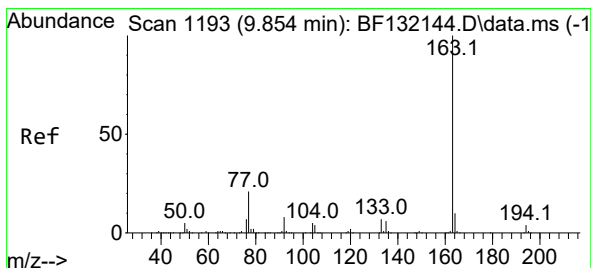
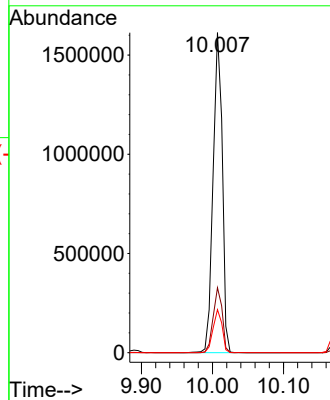
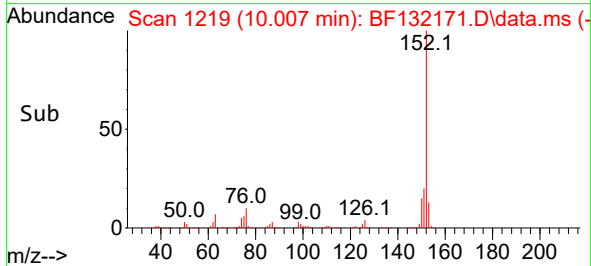
Giraldo

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Upadhyay

01/23/2023



#50

Dimethylphthalate

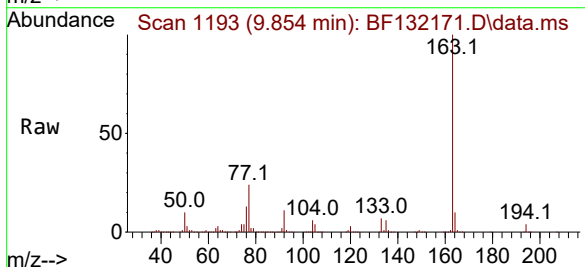
Concen: 41.987 ng

RT: 9.854 min Scan# 1193

Delta R.T. 0.000 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35



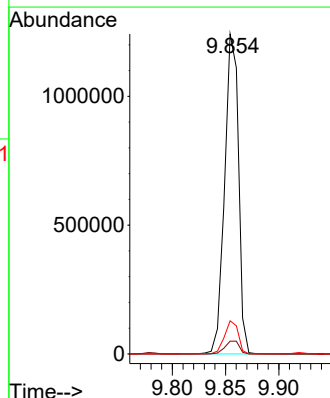
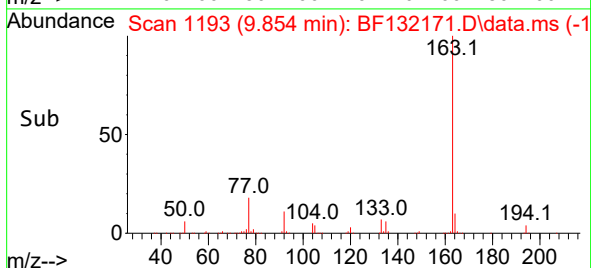
Tgt Ion:163 Resp: 1122254

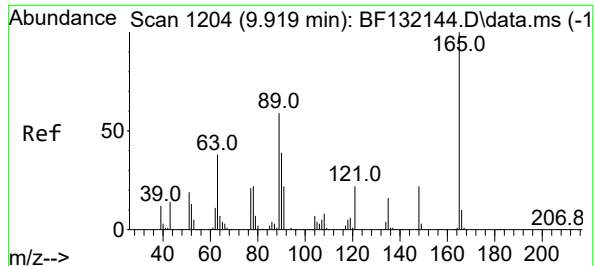
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

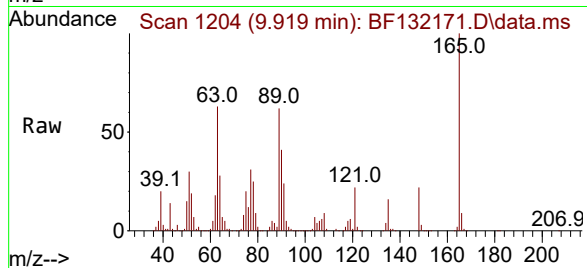
164 10.4 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 50.073 ng
RT: 9.919 min Scan# 1204
Delta R.T. -0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

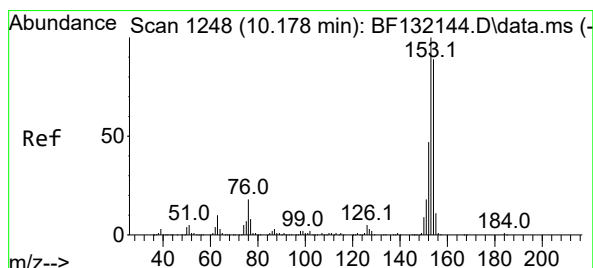
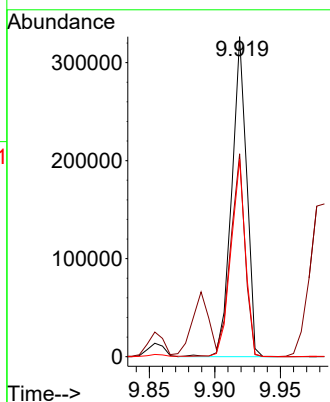
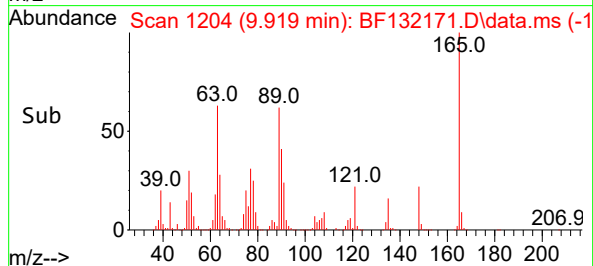
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



Tgt Ion:165 Resp: 259408
Ion Ratio Lower Upper
165 100
63 63.4 46.6 70.0
89 61.7 47.4 71.2

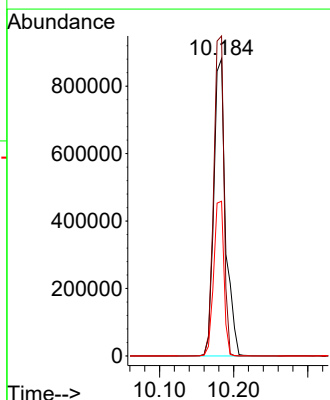
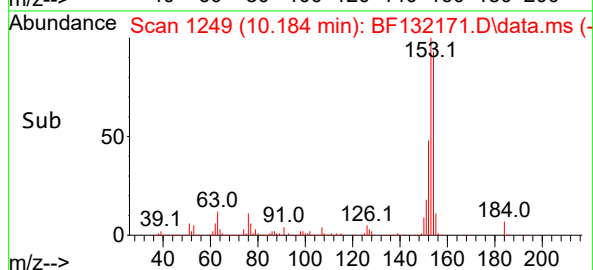
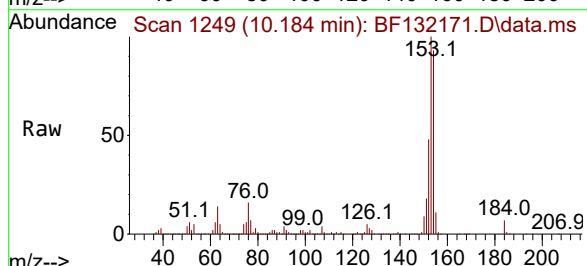
Manual Integrations
APPROVED

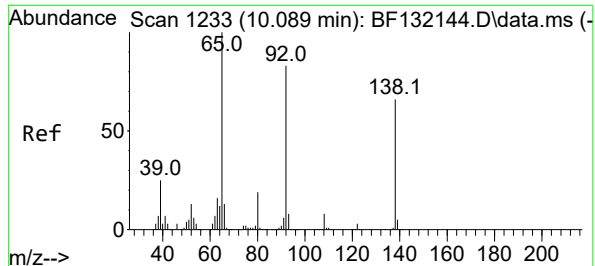
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023



#52
Acenaphthene
Concen: 44.874 ng
RT: 10.184 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

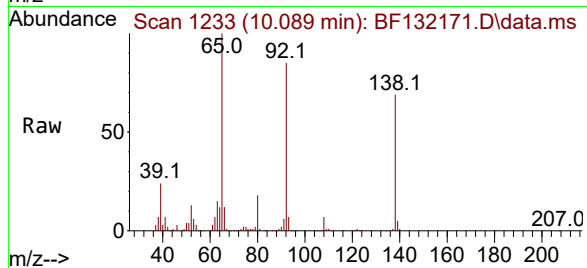
Tgt Ion:154 Resp: 971821
Ion Ratio Lower Upper
154 100
153 107.7 89.8 134.8
152 52.1 42.3 63.5





#53
3-Nitroaniline
Concen: 32.234 ng
RT: 10.089 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

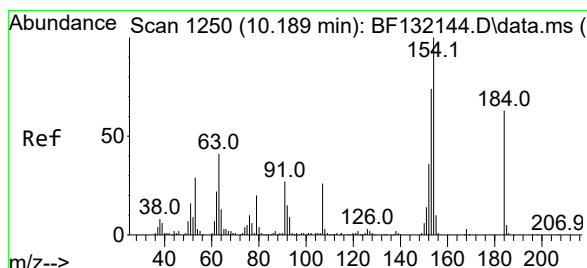
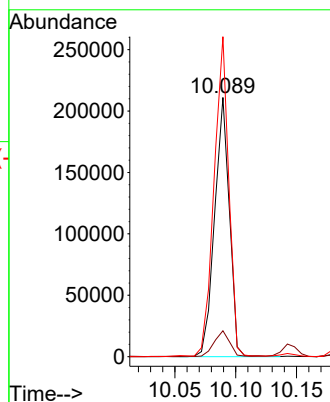
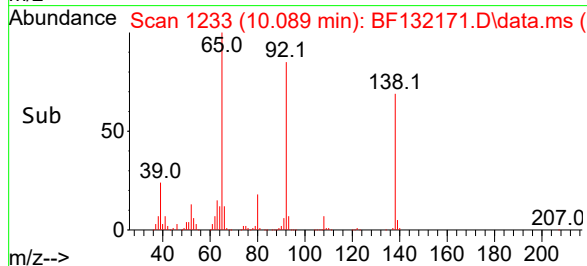
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



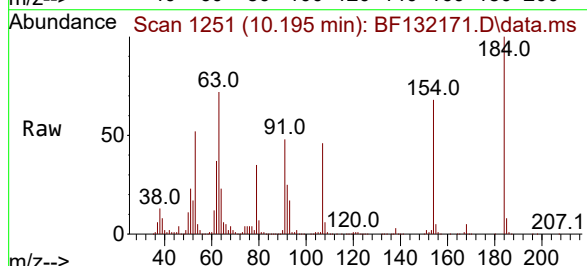
Tgt Ion:138 Resp: 17854
Ion Ratio Lower Upper
138 100
108 10.0 9.1 13.7
92 123.4 101.2 151.8

Manual Integrations
APPROVED

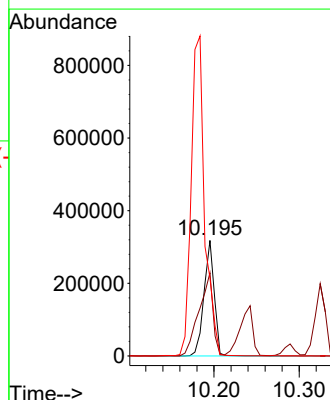
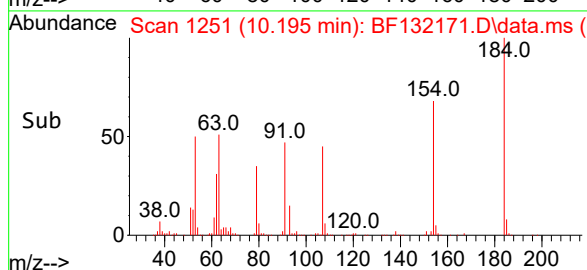
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023

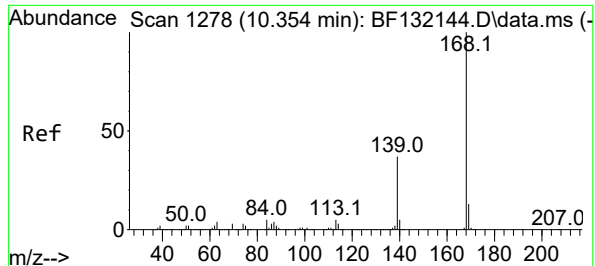


#54
2,4-Dinitrophenol
Concen: 108.068 ng
RT: 10.195 min Scan# 1251
Delta R.T. 0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35



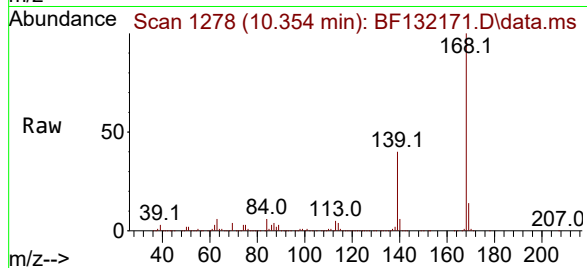
Tgt Ion:184 Resp: 266056
Ion Ratio Lower Upper
184 100
63 72.0 53.2 79.8
154 67.6 129.4 194.0#





#55
Dibenzofuran
Concen: 39.654 ng
RT: 10.354 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

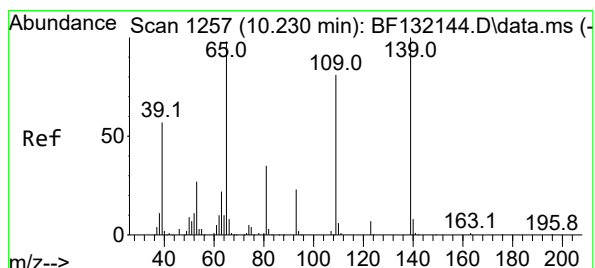
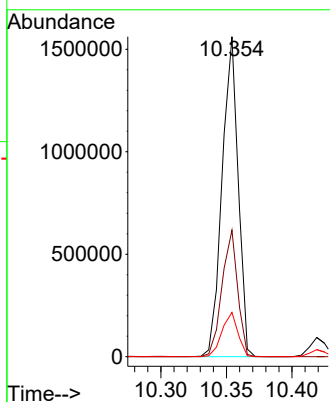
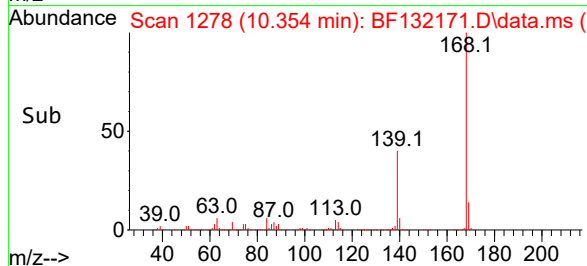
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



Tgt Ion:168 Resp: 132716
Ion Ratio Lower Upper
168 100
139 39.5 29.8 44.8
169 13.8 10.3 15.5

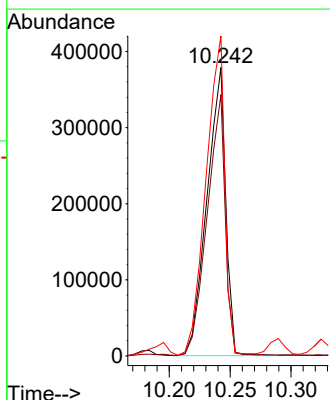
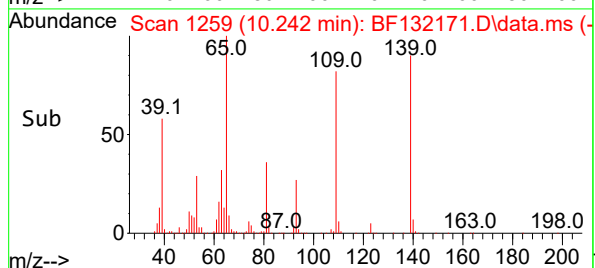
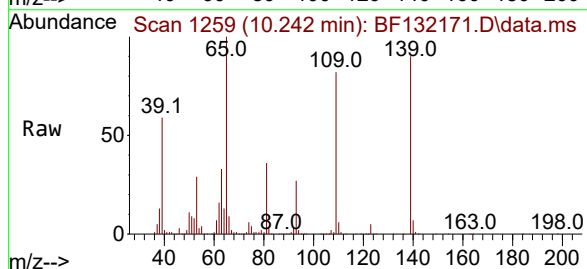
Manual Integrations
APPROVED

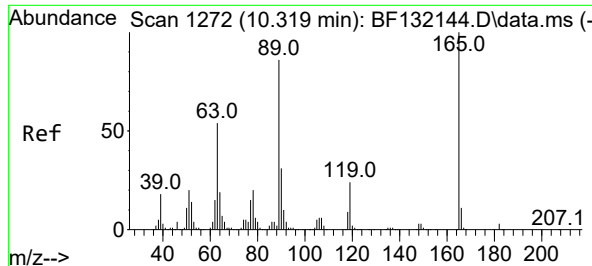
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023



#56
4-Nitrophenol
Concen: 101.031 ng
RT: 10.242 min Scan# 1259
Delta R.T. 0.012 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

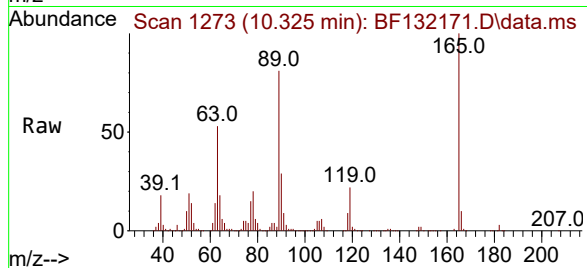
Tgt Ion:139 Resp: 407268
Ion Ratio Lower Upper
139 100
109 90.6 61.0 101.0
65 110.9 79.3 119.3





#57
2,4-Dinitrotoluene
Concen: 53.902 ng
RT: 10.325 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

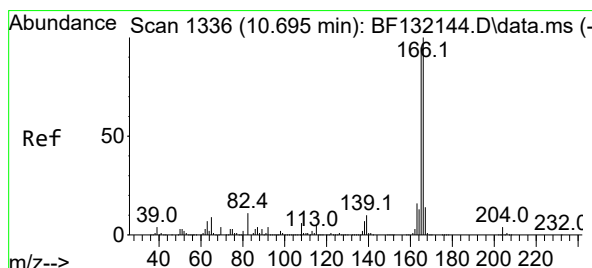
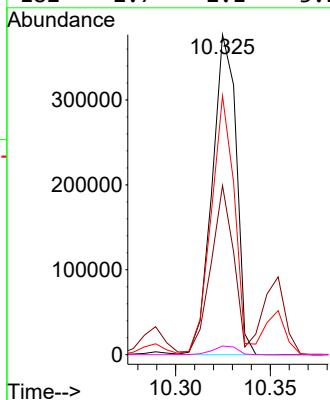
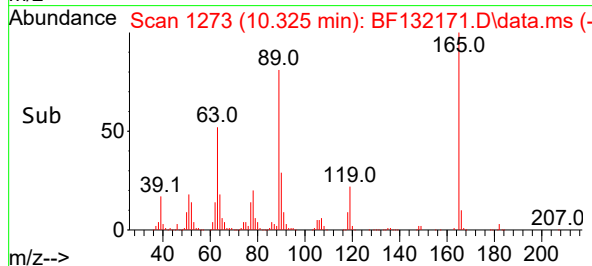
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



Tgt Ion:165 Resp: 335194
Ion Ratio Lower Upper
165 100
63 52.9 43.5 65.3
89 80.9 69.0 103.6
182 2.7 2.1 3.1

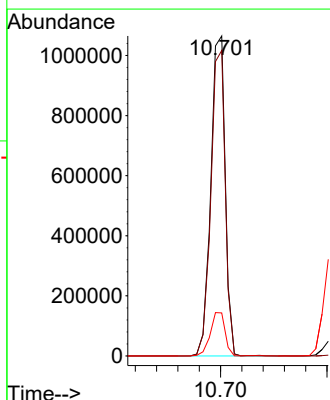
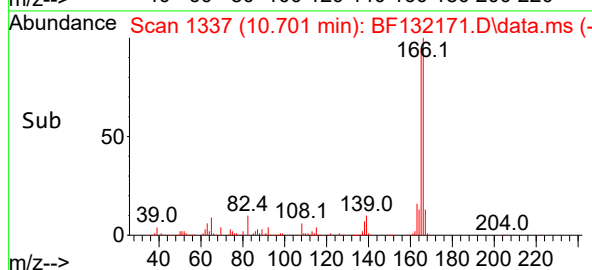
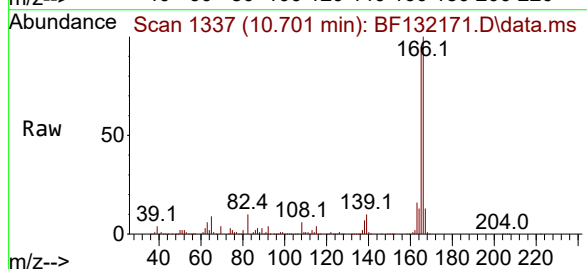
Manual Integrations
APPROVED

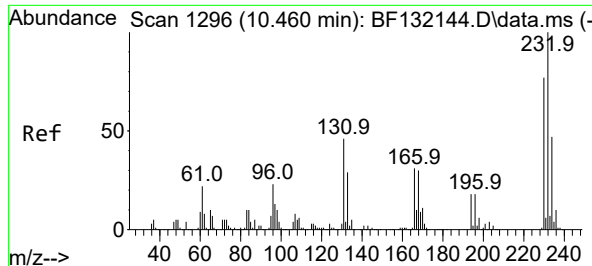
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023



#58
Fluorene
Concen: 40.296 ng
RT: 10.701 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

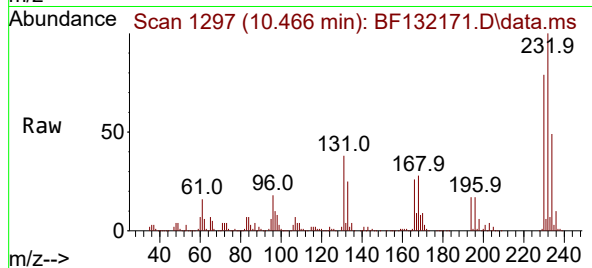
Tgt Ion:166 Resp: 999303
Ion Ratio Lower Upper
166 100
165 95.5 76.4 114.6
167 13.4 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.622 ng
RT: 10.466 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

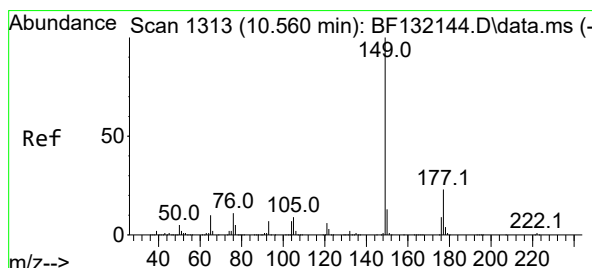
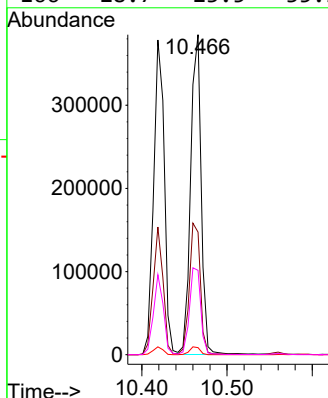
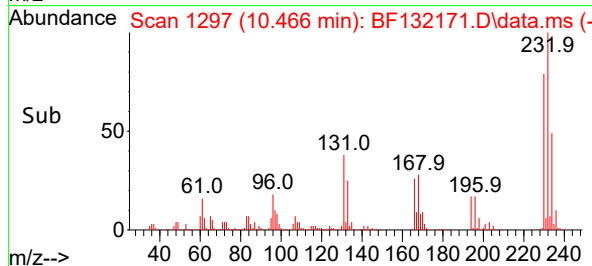
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



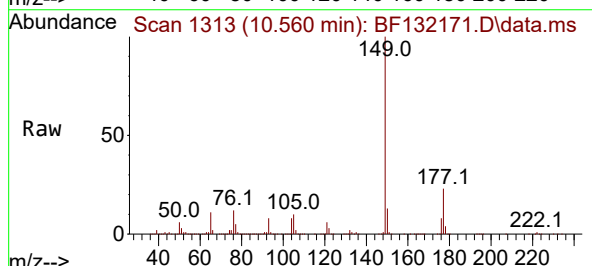
Tgt Ion:232 Resp: 330520
Ion Ratio Lower Upper
232 100
131 42.5 33.8 50.6
130 2.4 1.9 2.9
166 28.7 23.5 35.3

Manual Integrations
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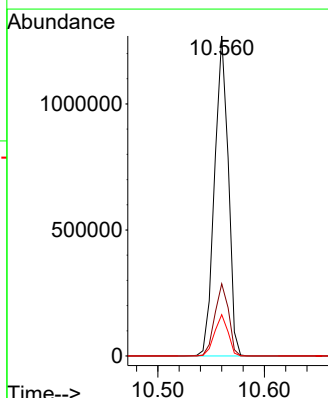
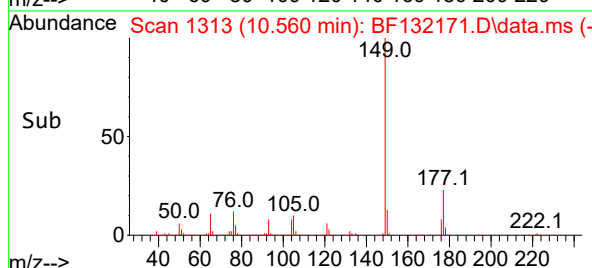
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023

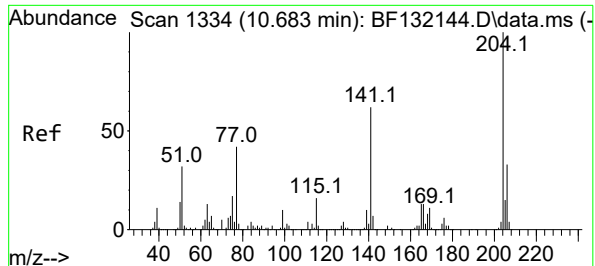


#60
Diethylphthalate
Concen: 43.103 ng
RT: 10.560 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35



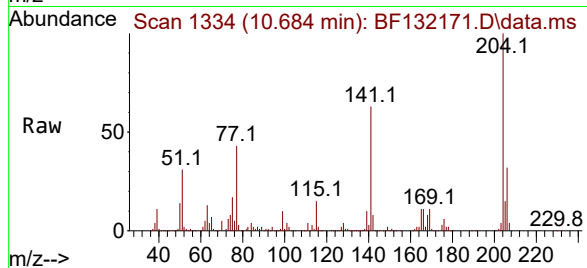
Tgt Ion:149 Resp: 1129768
Ion Ratio Lower Upper
149 100
177 22.6 18.4 27.6
150 12.9 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 40.317 ng
RT: 10.684 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

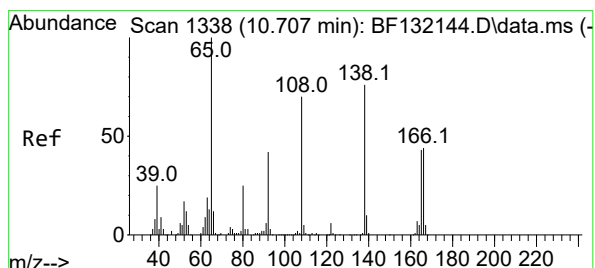
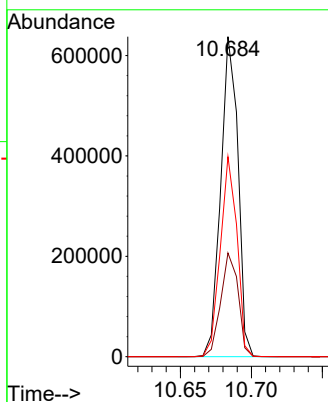
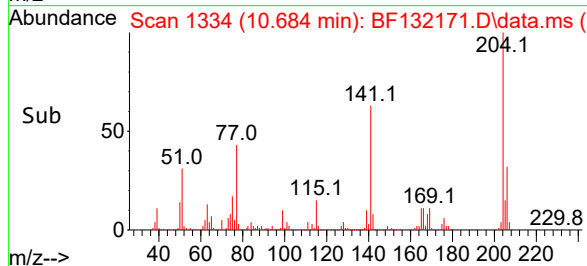
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



Tgt Ion:204 Resp: 535392
Ion Ratio Lower Upper
204 100
206 32.4 26.4 39.6
141 62.5 49.2 73.8

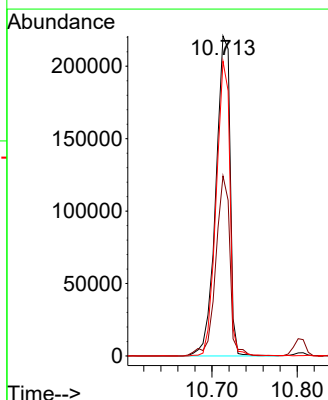
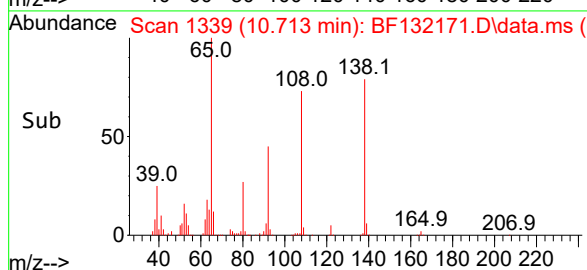
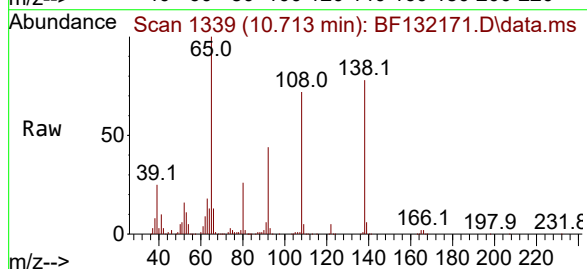
Manual Integrations
APPROVED

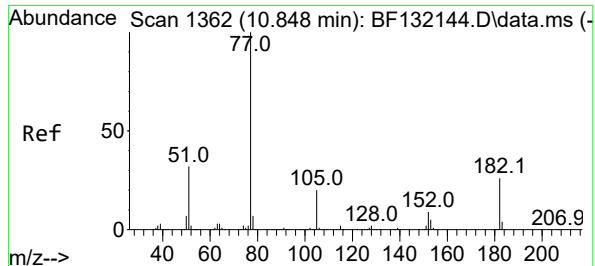
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023



#62
4-Nitroaniline
Concen: 49.898 ng
RT: 10.713 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

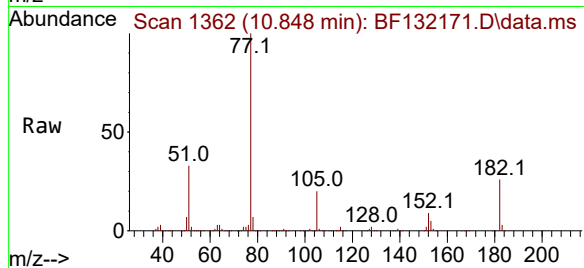
Tgt Ion:138 Resp: 257309
Ion Ratio Lower Upper
138 100
92 56.2 35.9 75.9
108 92.1 72.0 112.0





#63
Azobenzene
Concen: 52.965 ng
RT: 10.848 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

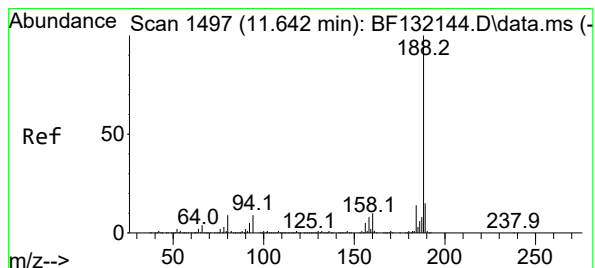
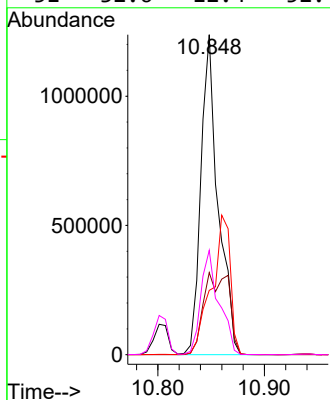
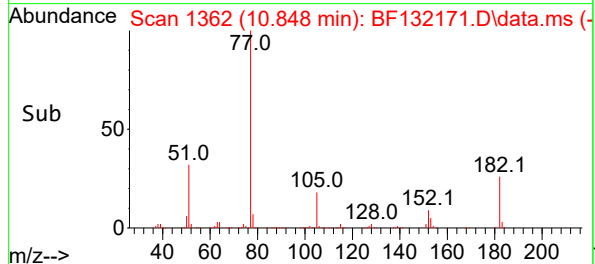
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



Tgt Ion: 77 Resp: 1393280
Ion Ratio Lower Upper
77 100
182 25.7 6.4 46.4
105 20.1 0.0 39.8
51 32.6 12.4 52.4

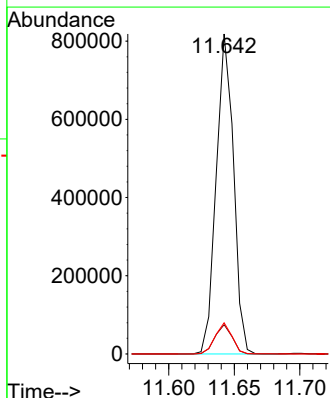
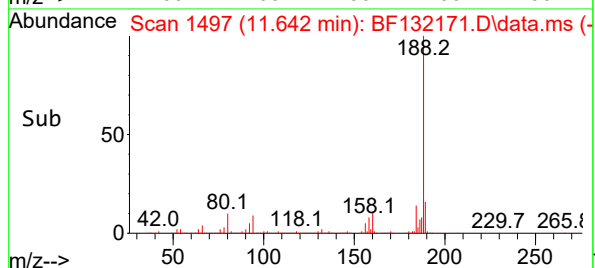
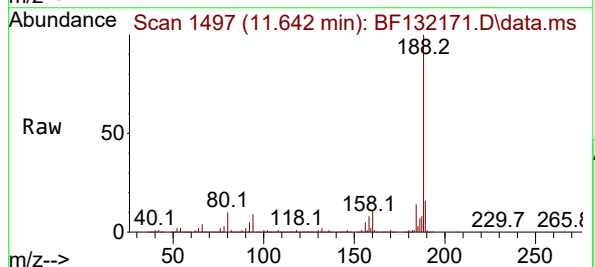
Manual Integrations
APPROVED

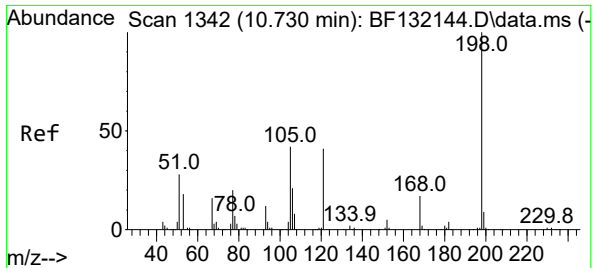
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.642 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

Tgt Ion:188 Resp: 748390
Ion Ratio Lower Upper
188 100
94 9.1 6.9 10.3
80 9.7 7.5 11.3





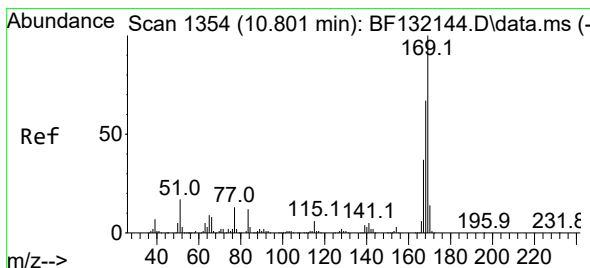
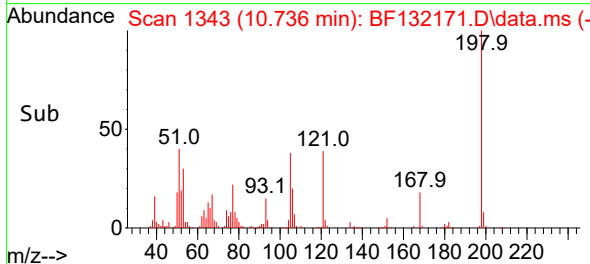
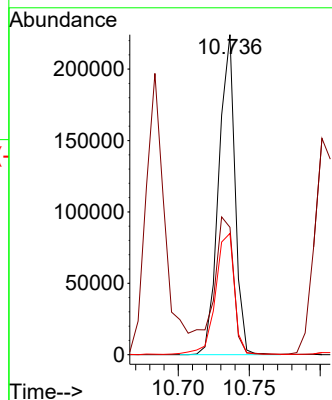
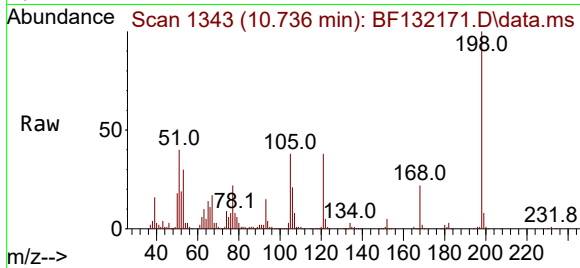
#65
4,6-Dinitro-2-methylphenol
Concen: 48.454 ng
RT: 10.736 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

Instrument :
BNA_F
ClientSampleId :
B-P34AMS

Tgt Ion:198 Resp: 178390
Ion Ratio Lower Upper
198 100
51 39.8 24.3 64.3
105 37.9 23.3 63.3

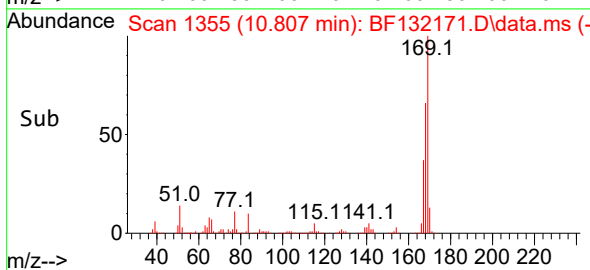
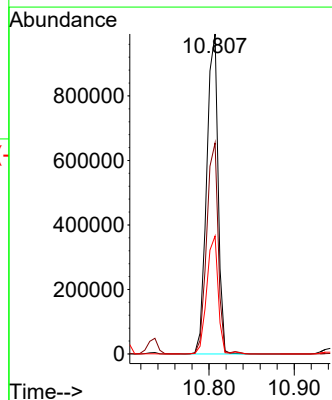
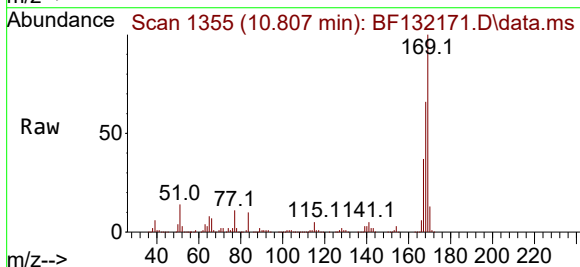
Manual Integrations
APPROVED

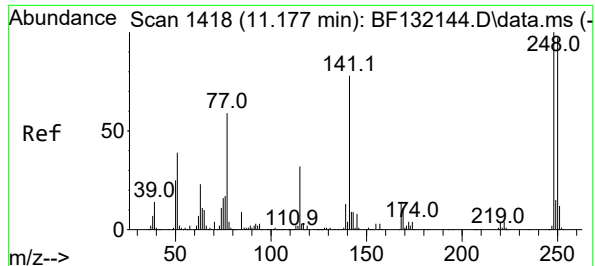
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023



#66
n-Nitrosodiphenylamine
Concen: 38.372 ng
RT: 10.807 min Scan# 1355
Delta R.T. 0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

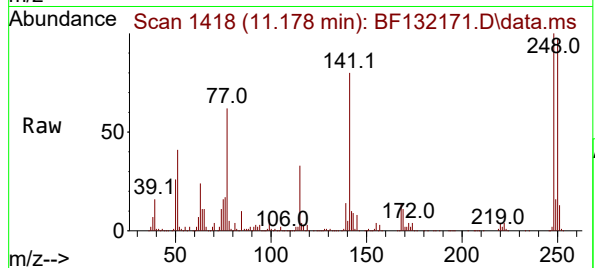
Tgt Ion:169 Resp: 919691
Ion Ratio Lower Upper
169 100
168 65.9 53.4 80.0
167 36.8 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 38.746 ng
RT: 11.178 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

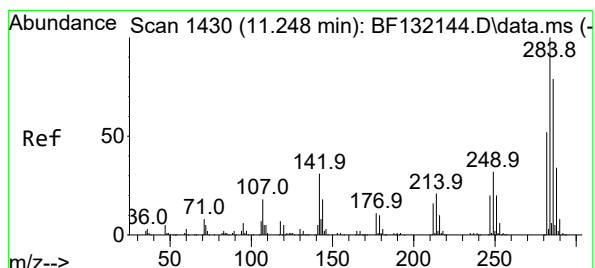
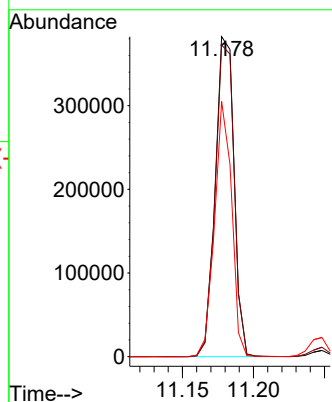
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



Tgt Ion:248 Resp: 35344
Ion Ratio Lower Upper
248 100
250 97.4 77.4 116.0
141 79.8 62.2 93.2

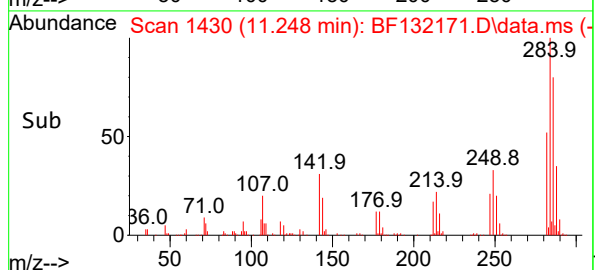
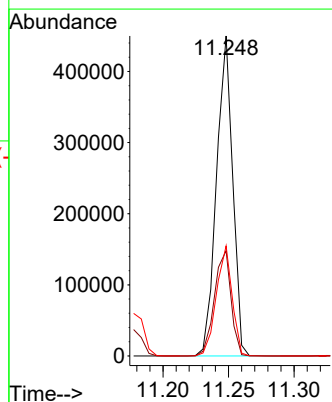
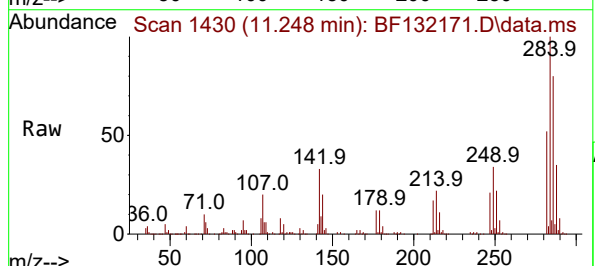
Manual Integrations
APPROVED

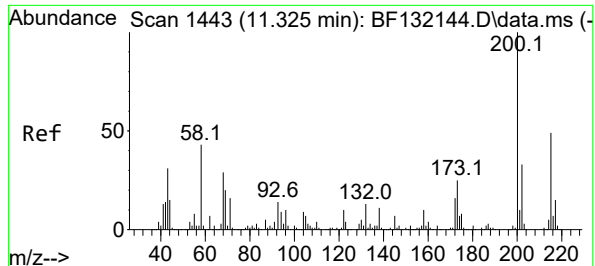
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023



#68
Hexachlorobenzene
Concen: 42.496 ng
RT: 11.248 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

Tgt Ion:284 Resp: 385274
Ion Ratio Lower Upper
284 100
142 32.9 24.7 37.1
249 34.4 25.6 38.4





#69

Atrazine

Concen: 46.723 ng

RT: 11.331 min Scan# 1444

Delta R.T. 0.006 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS

Tgt Ion:200 Resp: 34551

Ion Ratio Lower Upper

200 100

173 24.7 5.0 45.0

215 49.0 28.6 68.6

Manual Integrations

APPROVED

Reviewed By :Christian

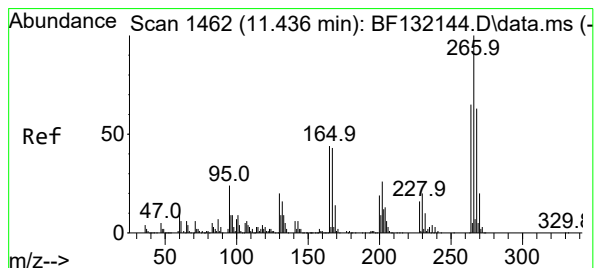
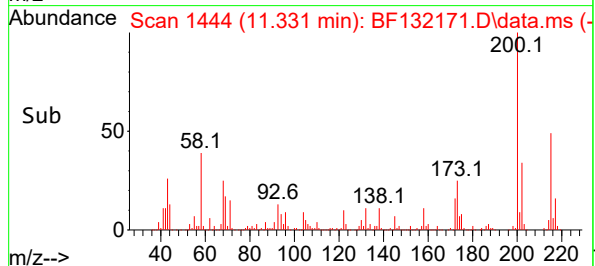
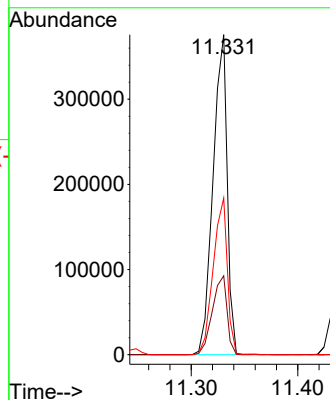
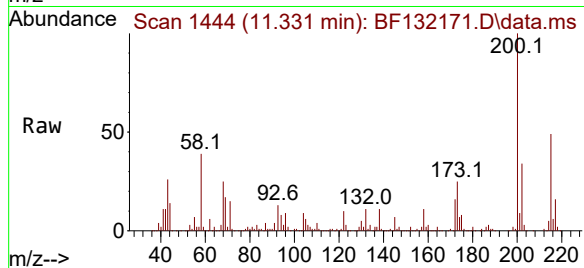
Giraldo

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Supervised By :Jagrut

Upadhyay

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#70

Pentachlorophenol

Concen: 79.097 ng

RT: 11.442 min Scan# 1463

Delta R.T. 0.006 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

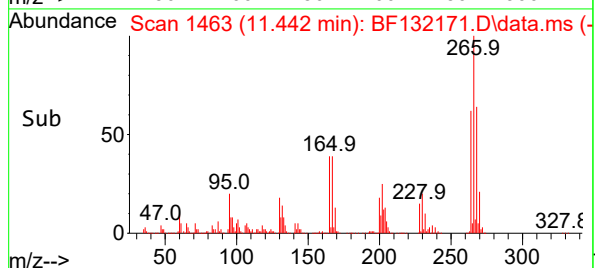
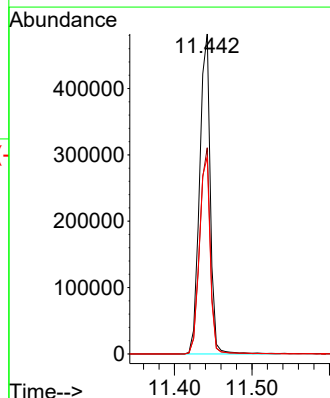
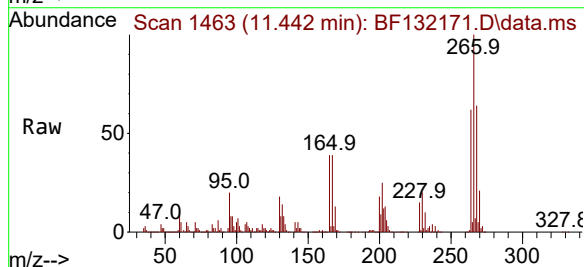
Tgt Ion:266 Resp: 460815

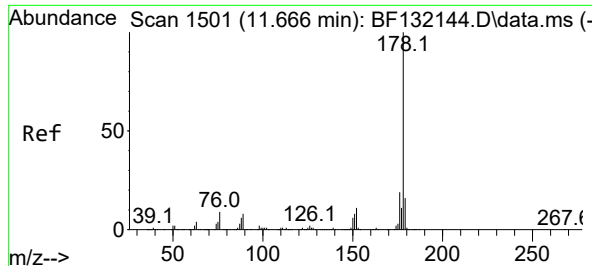
Ion Ratio Lower Upper

266 100

268 64.5 50.8 76.2

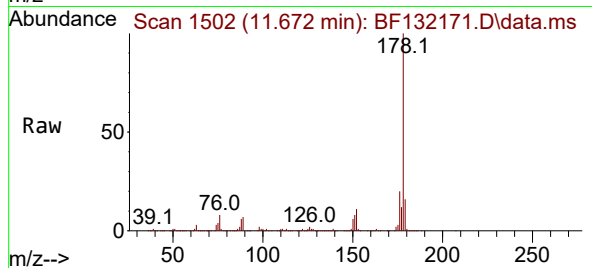
264 61.5 52.3 78.5





#71
Phenanthrene
Concen: 39.721 ng
RT: 11.672 min Scan# 1502
Delta R.T. 0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

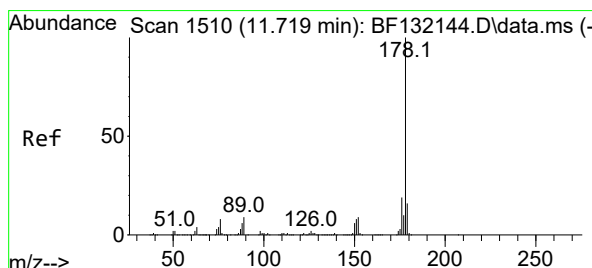
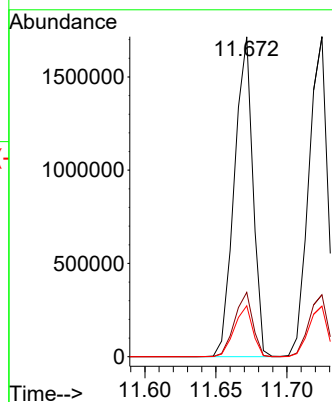
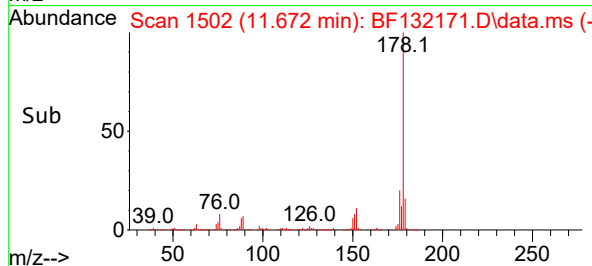
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



Tgt Ion:178 Resp: 1559992
Ion Ratio Lower Upper
178 100
176 20.1 15.5 23.3
179 15.9 12.6 19.0

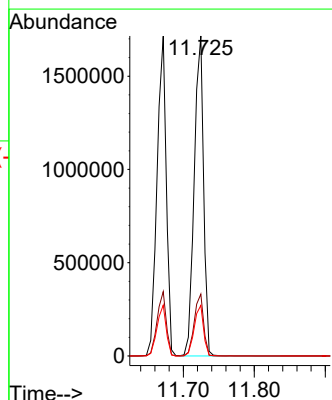
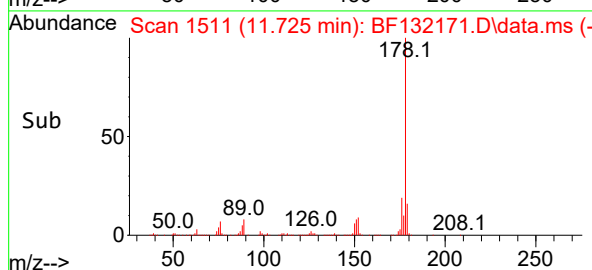
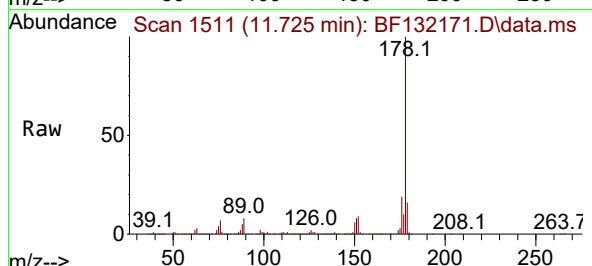
Manual Integrations
APPROVED

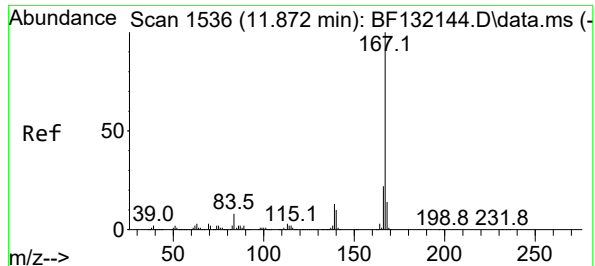
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023



#72
Anthracene
Concen: 39.698 ng
RT: 11.725 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

Tgt Ion:178 Resp: 1577300
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.8 12.6 18.8





#73

Carbazole

Concen: 42.512 ng

RT: 11.872 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS

Tgt Ion:167 Resp: 144282

Ion Ratio Lower Upper

167 100

166 21.7 17.7 26.5

139 13.5 10.5 15.7

Manual Integrations

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Reviewed By :Christian

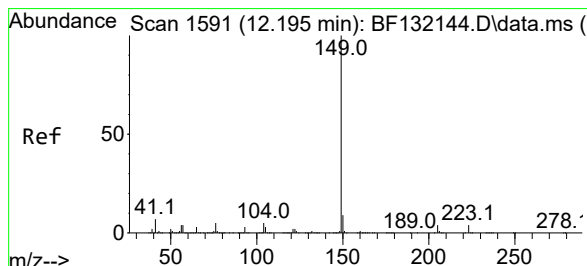
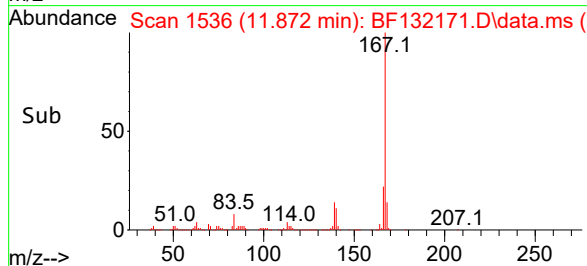
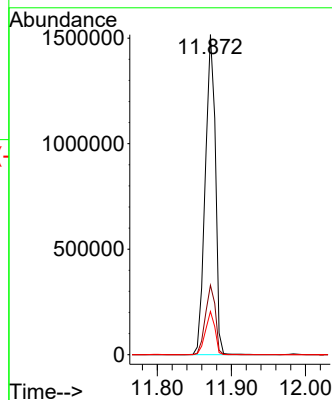
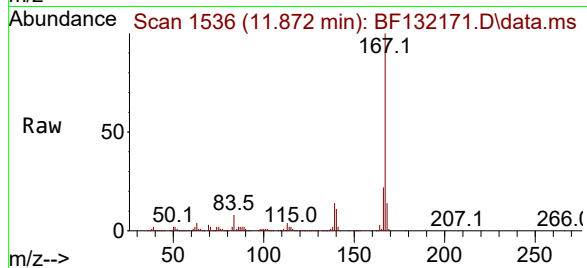
Giraldo

01/23/2023

Supervised By :Jagrut

Upadhyay

01/23/2023



#74

Di-n-butylphthalate

Concen: 45.273 ng

RT: 12.195 min Scan# 1591

Delta R.T. 0.000 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

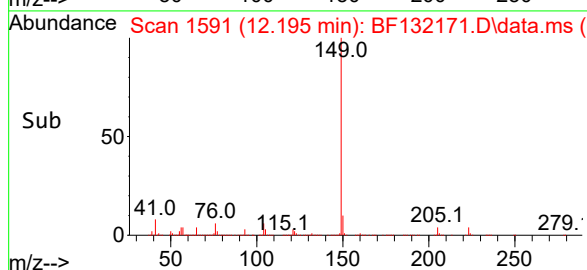
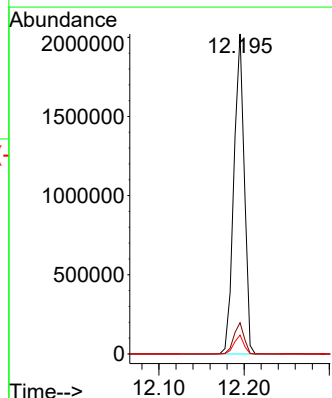
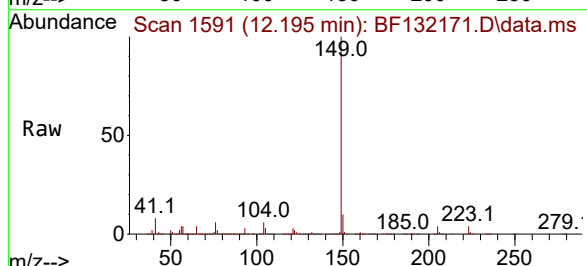
Tgt Ion:149 Resp: 1710479

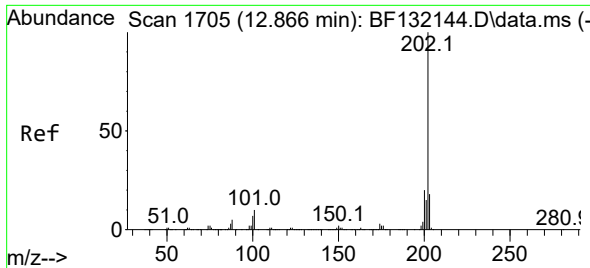
Ion Ratio Lower Upper

149 100

150 9.7 7.5 11.3

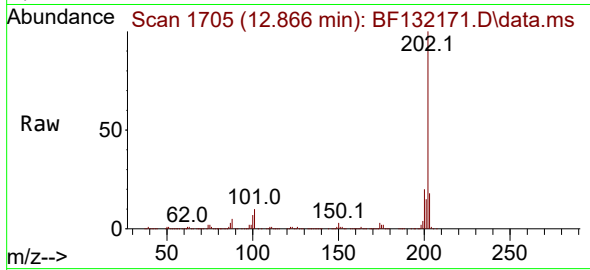
104 5.9 4.3 6.5





#75
Fluoranthene
Concen: 43.029 ng
RT: 12.866 min Scan# 1705
Delta R.T. -0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

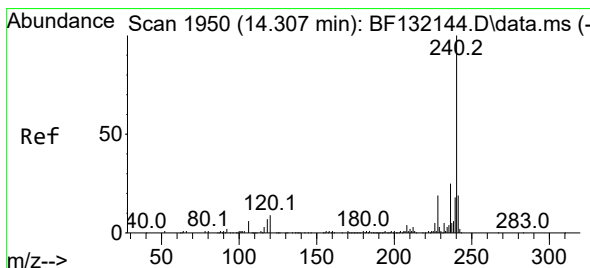
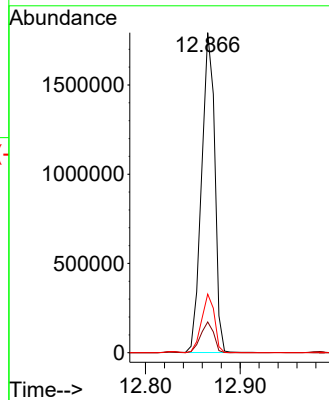
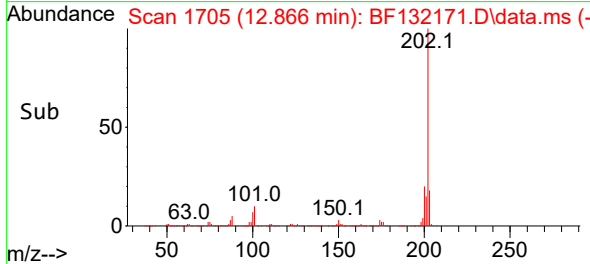
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



Tgt Ion:202 Resp: 1735889
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.6
203 18.3 0.0 37.9

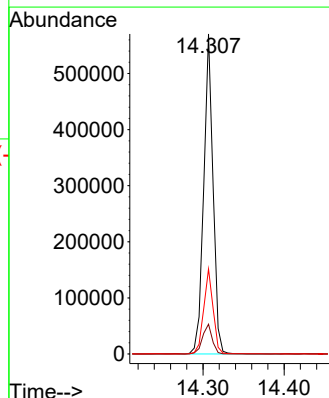
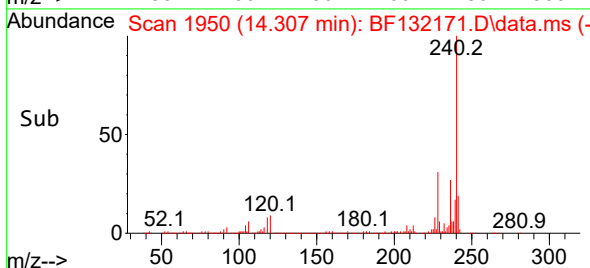
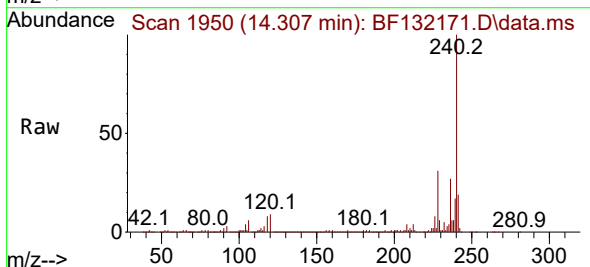
Manual Integrations
APPROVED

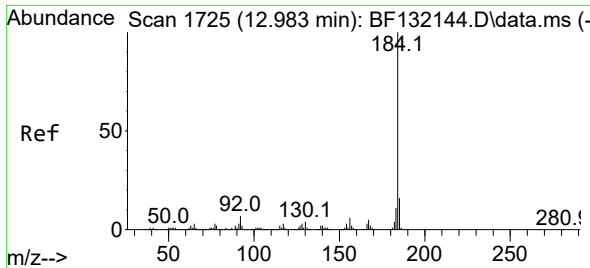
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.307 min Scan# 1950
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

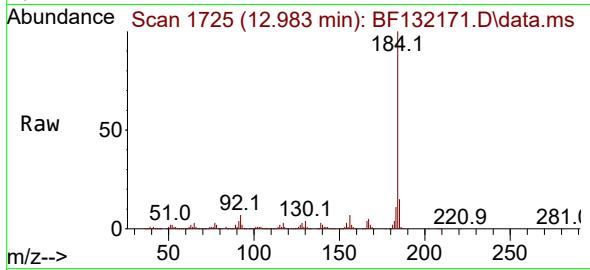
Tgt Ion:240 Resp: 455426
Ion Ratio Lower Upper
240 100
120 9.3 6.9 10.3
236 26.6 20.3 30.5





#77
Benzidine
Concen: 58.456 ng
RT: 12.983 min Scan# 1725
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

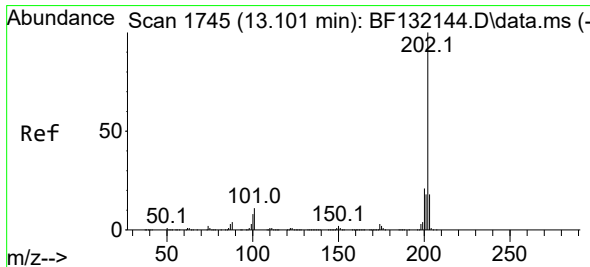
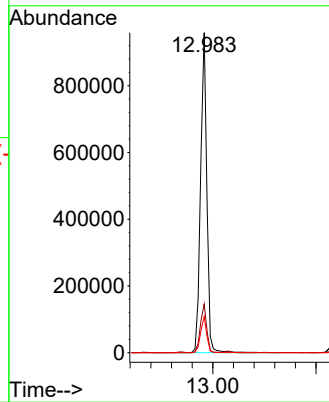
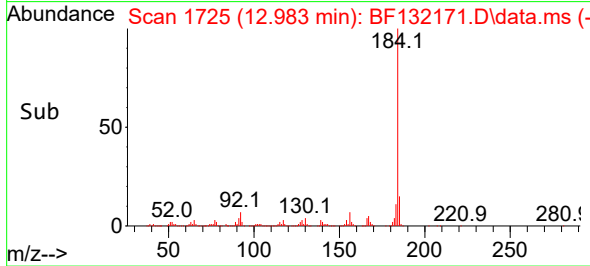
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



Tgt Ion:184 Resp: 799320
Ion Ratio Lower Upper
184 100
185 15.2 12.5 18.7
183 11.3 9.0 13.4

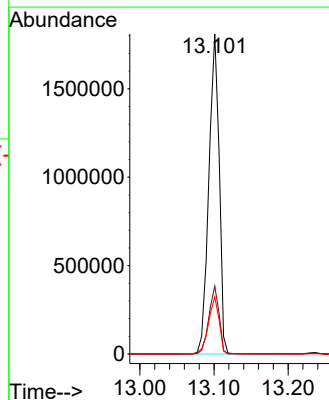
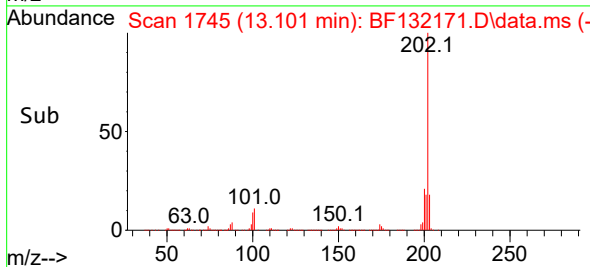
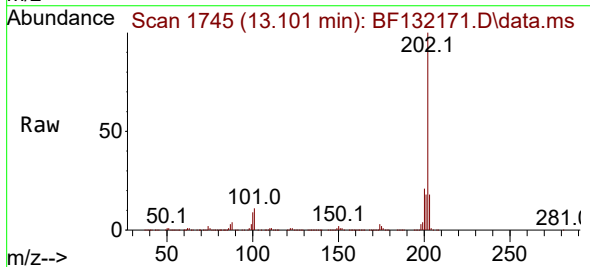
Manual Integrations
APPROVED

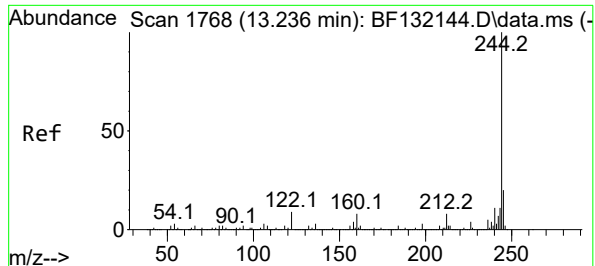
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023



#78
Pyrene
Concen: 41.870 ng
RT: 13.101 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

Tgt Ion:202 Resp: 1757363
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 17.8 14.0 21.0





#79

Terphenyl-d14

Concen: 73.630 ng

RT: 13.236 min Scan# 1768

Delta R.T. 0.000 min

Lab File: BF132171.D

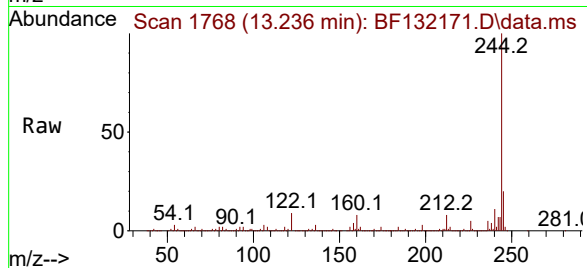
Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS



Tgt Ion:244 Resp: 2001844

Ion Ratio Lower Upper

244 100

212 8.2 6.7 10.1

122 8.8 7.4 11.2

Manual Integrations

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Reviewed By :Christian

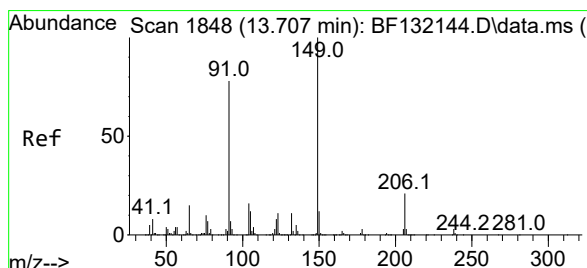
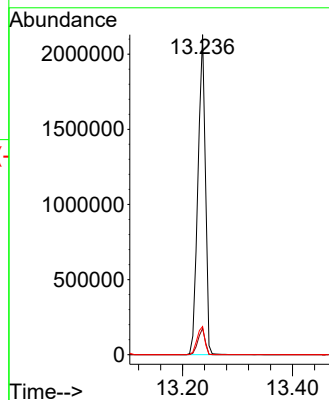
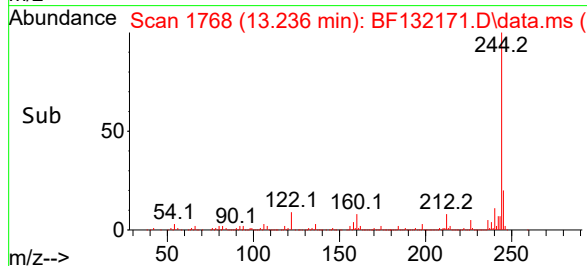
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#80

Butylbenzylphthalate

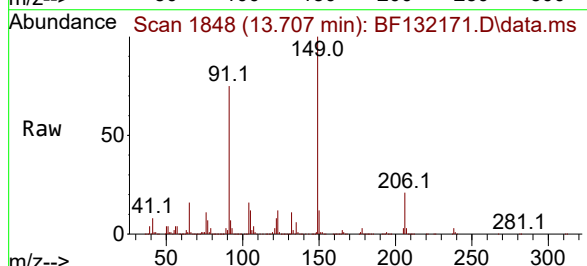
Concen: 49.332 ng

RT: 13.707 min Scan# 1848

Delta R.T. -0.000 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35



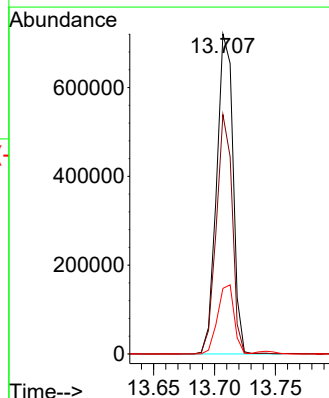
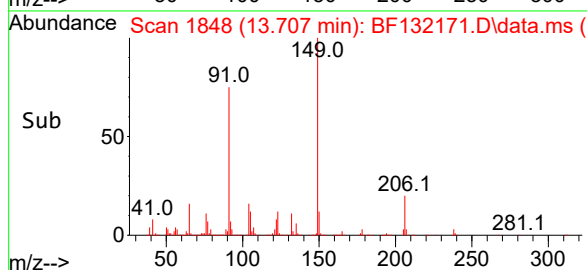
Tgt Ion:149 Resp: 675729

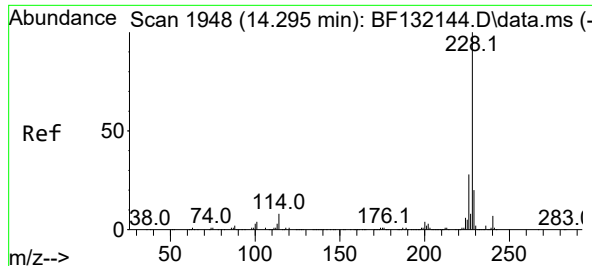
Ion Ratio Lower Upper

149 100

91 74.8 62.6 94.0

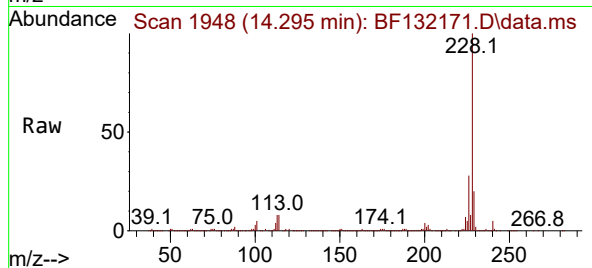
206 20.5 16.4 24.6





#81
Benzo(a)anthracene
Concen: 42.739 ng
RT: 14.295 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

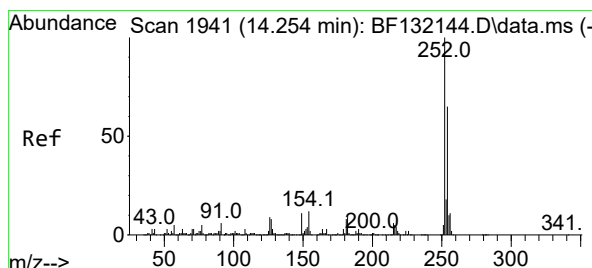
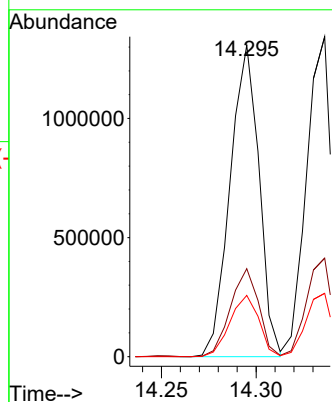
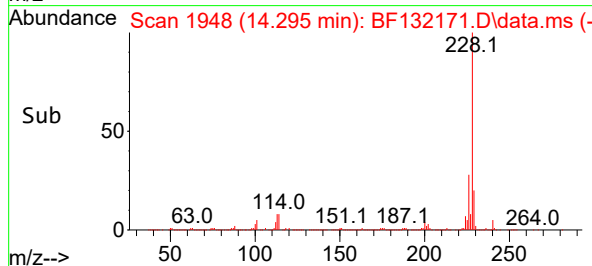
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



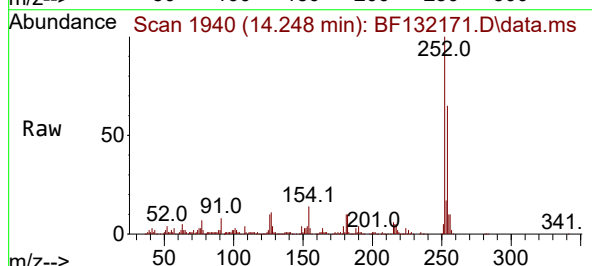
Tgt Ion:228 Resp: 1390528
Ion Ratio Lower Upper
228 100
226 28.2 22.5 33.7
229 19.6 16.1 24.1

Manual Integrations
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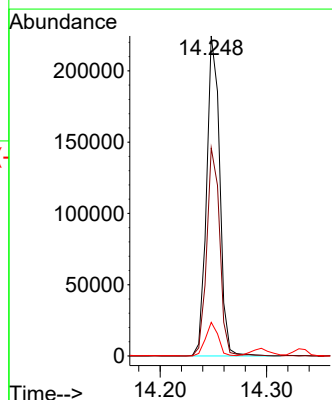
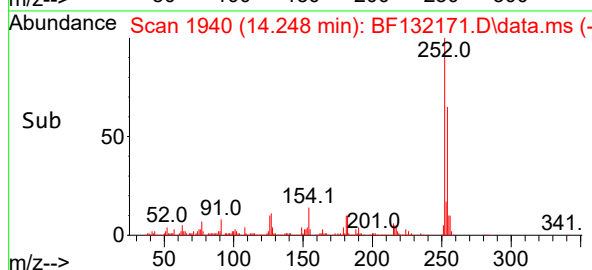
Reviewed By :Christian
Giraldo
01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023

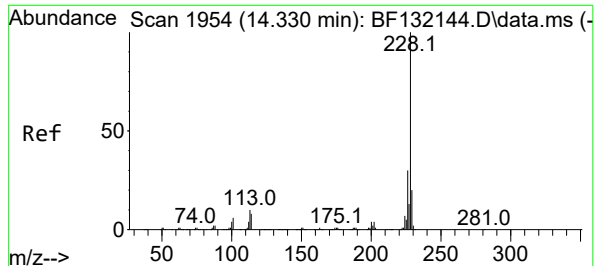


#82
3,3'-Dichlorobenzidine
Concen: 21.334 ng
RT: 14.248 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35



Tgt Ion:252 Resp: 193310
Ion Ratio Lower Upper
252 100
254 65.0 52.4 78.6
126 10.5 7.0 10.6





#83

Chrysene

Concen: 40.430 ng

RT: 14.336 min Scan# 1954

Delta R.T. 0.006 min

Lab File: BF132171.D

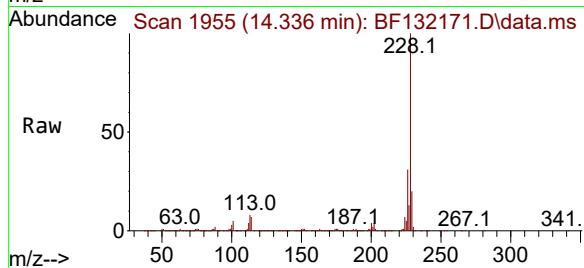
Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS



Tgt Ion:228 Resp: 1252100

Ion Ratio Lower Upper

228 100

226 30.8 24.3 36.5

229 19.8 15.8 23.6

Manual Integrations

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Reviewed By :Christian

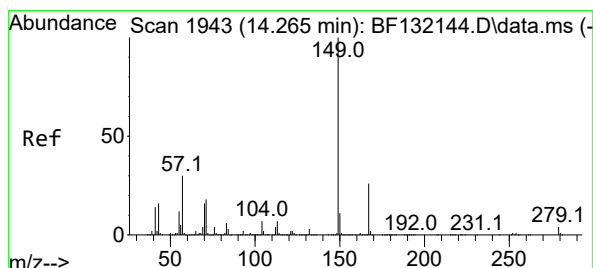
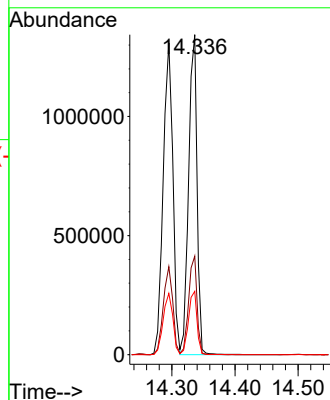
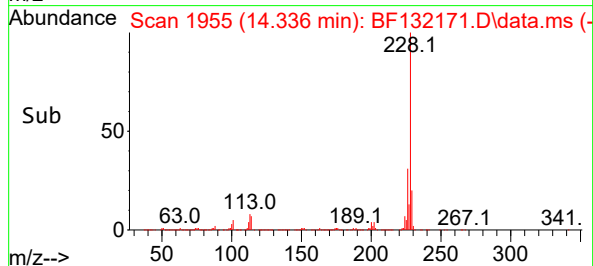
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#84

Bis(2-ethylhexyl)phthalate

Concen: 45.641 ng

RT: 14.266 min Scan# 1943

Delta R.T. 0.001 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

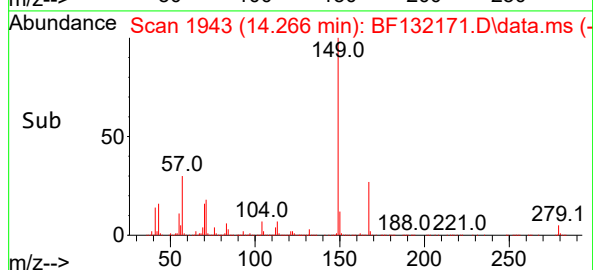
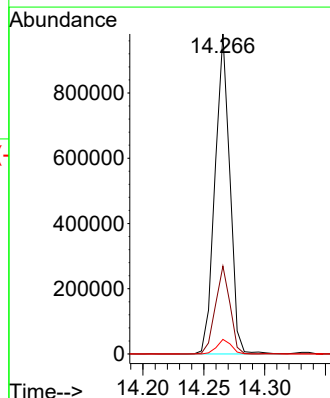
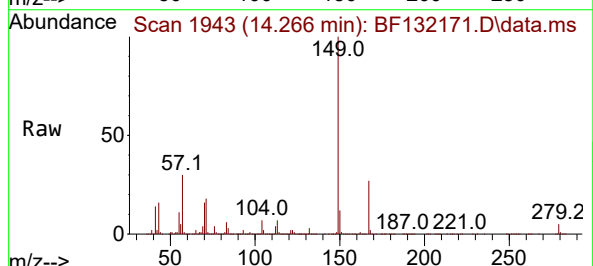
Tgt Ion:149 Resp: 832524

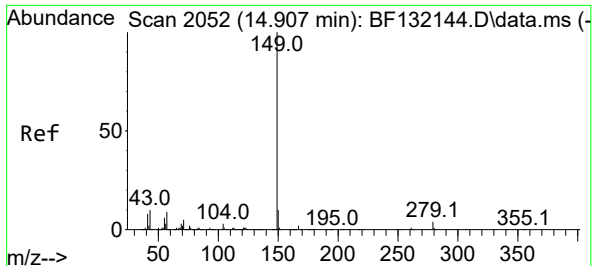
Ion Ratio Lower Upper

149 100

167 27.4 21.0 31.6

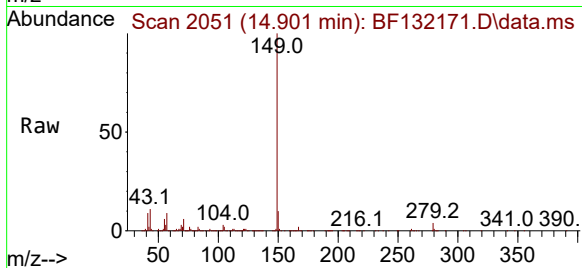
279 4.6 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 44.146 ng
RT: 14.901 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

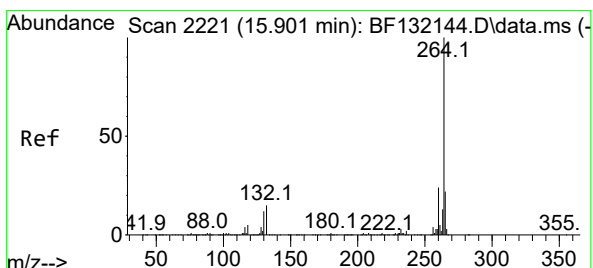
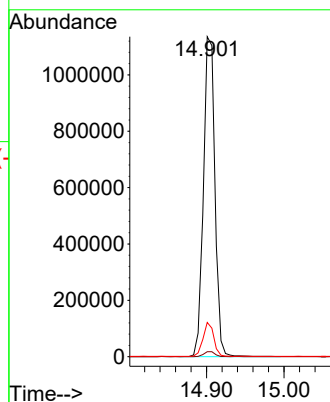
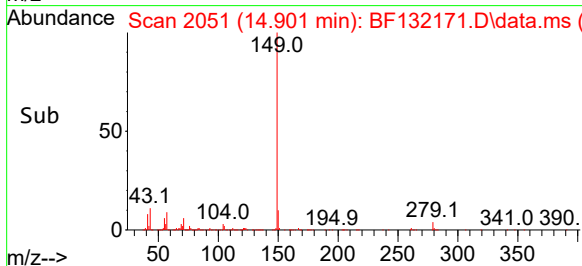
Instrument :
BNA_F
ClientSampleId :
B-P34AMS



Tgt Ion:149 Resp: 1168370
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.9 8.4 12.6

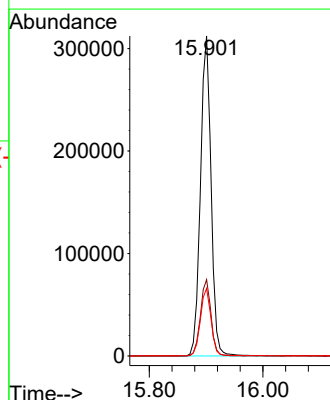
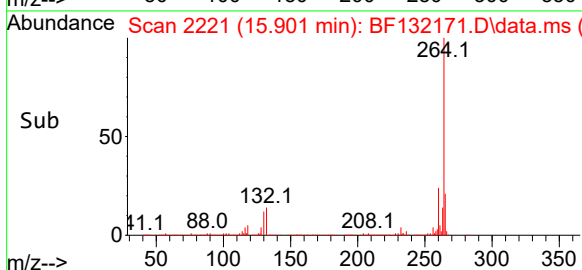
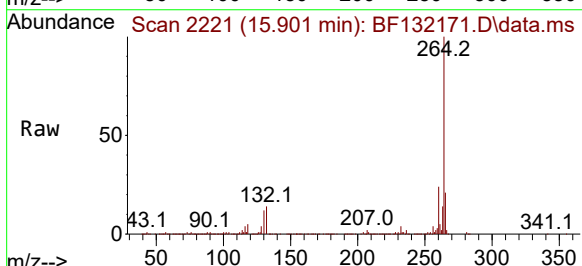
Manual Integrations
APPROVED

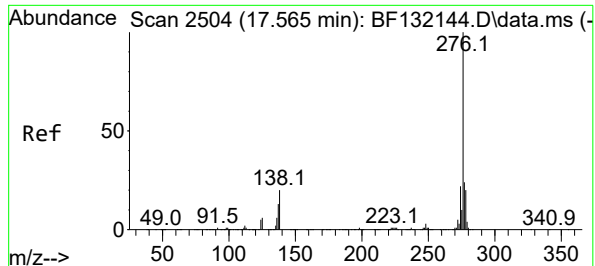
Reviewed By :Christian
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01/23/2023
Supervised By :Jagrut
Upadhyay
01/23/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.901 min Scan# 2221
Delta R.T. -0.000 min
Lab File: BF132171.D
Acq: 20 Jan 2023 20:35

Tgt Ion:264 Resp: 405760
Ion Ratio Lower Upper
264 100
260 23.9 19.1 28.7
265 21.1 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.311 ng

RT: 17.565 min Scan# 2504

Delta R.T. 0.000 min

Lab File: BF132171.D

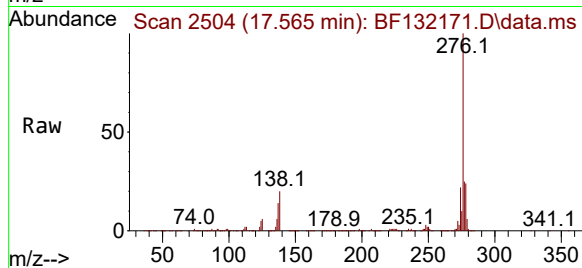
Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS



Tgt Ion:276 Resp: 1255979

Ion Ratio Lower Upper

276 100

138 22.1 17.9 26.9

277 25.3 20.2 30.2

Manual Integrations

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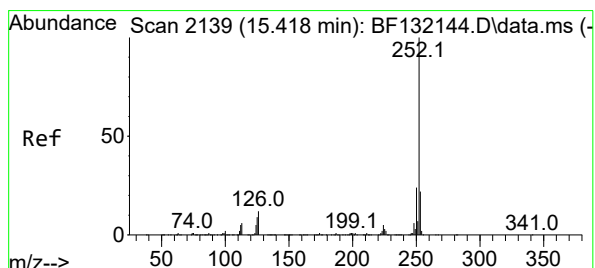
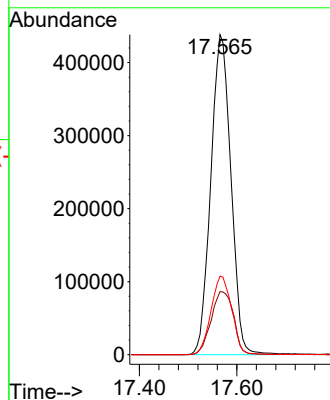
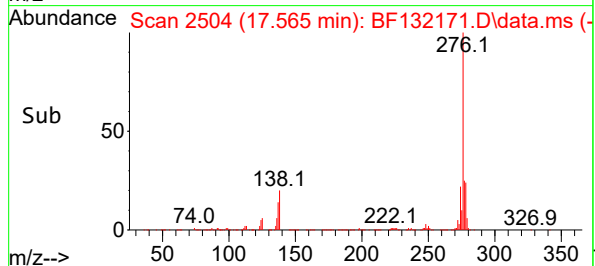
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#88

Benzo(b)fluoranthene

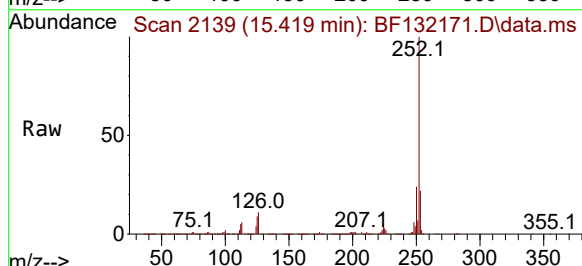
Concen: 46.854 ng

RT: 15.419 min Scan# 2139

Delta R.T. 0.001 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35



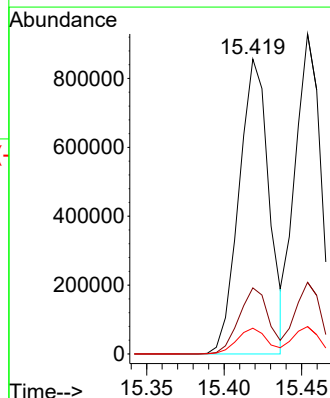
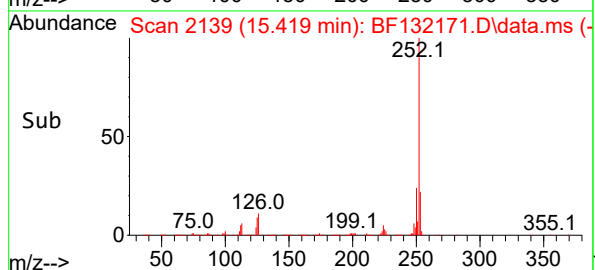
Tgt Ion:252 Resp: 1157546

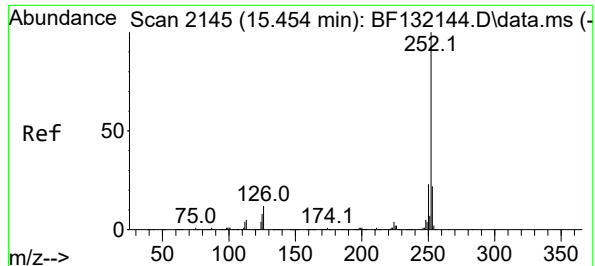
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

125 8.7 7.2 10.8





#89

Benzo(k)fluoranthene

Concen: 42.889 ng

RT: 15.454 min Scan# 2145

Delta R.T. -0.000 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS

Tgt Ion:252 Resp: 1080629

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

125 8.5 6.4 9.6

Manual Integrations

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Reviewed By :Christian

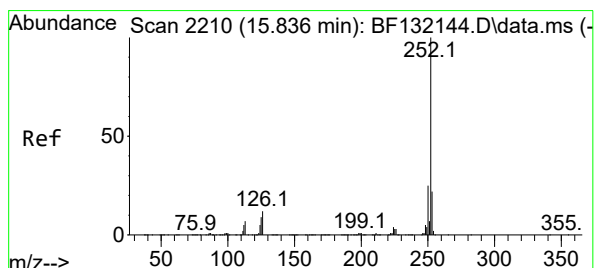
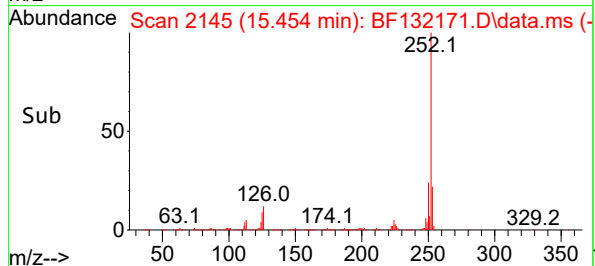
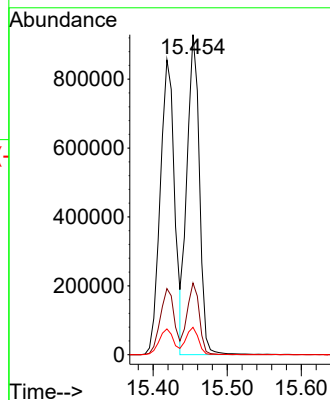
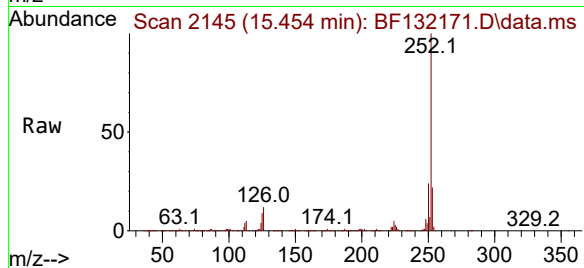
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#90

Benzo(a)pyrene

Concen: 41.772 ng

RT: 15.830 min Scan# 2209

Delta R.T. -0.006 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

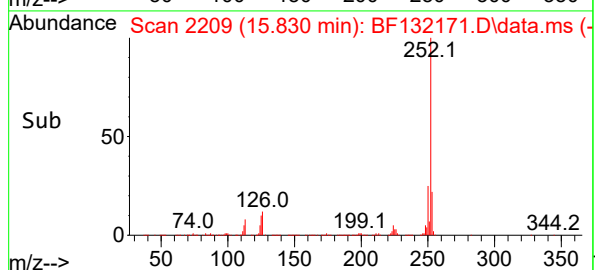
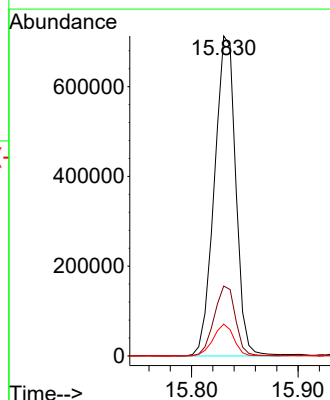
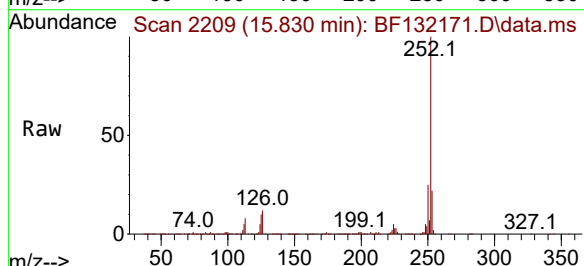
Tgt Ion:252 Resp: 992749

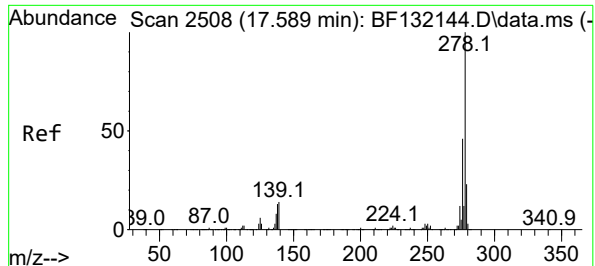
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 9.9 7.3 10.9





#91

Dibenzo(a,h)anthracene

Concen: 42.543 ng

RT: 17.589 min Scan# 2508

Delta R.T. -0.000 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

Instrument :

BNA_F

ClientSampleId :

B-P34AMS

Tgt Ion:278 Resp: 102162

Ion Ratio Lower Upper

278 100

139 14.2 11.4 17.2

279 23.9 18.6 28.0

Manual Integrations

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Reviewed By :Christian

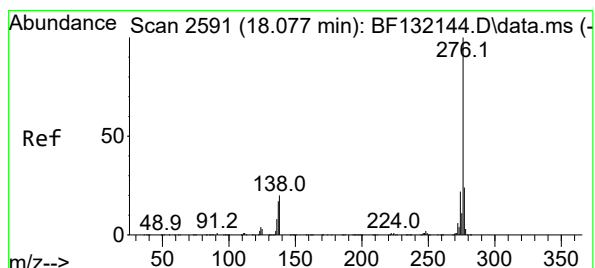
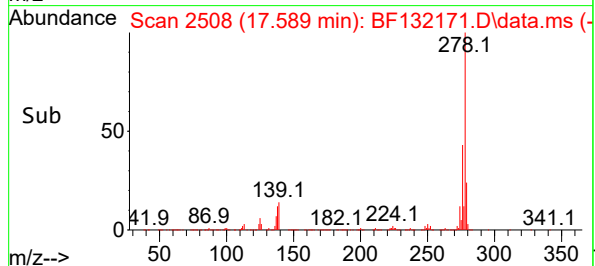
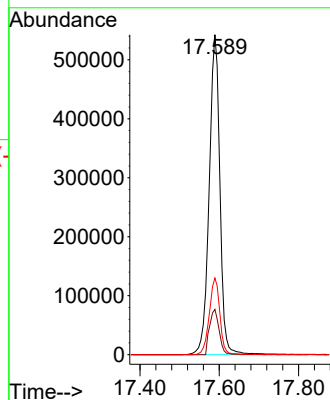
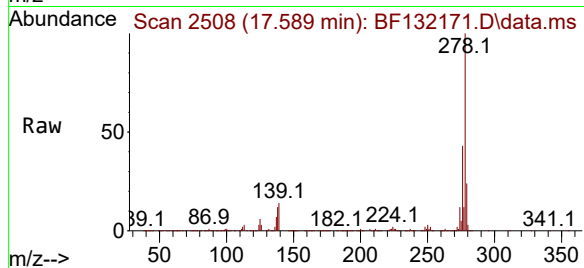
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#92

Benzo(g,h,i)perylene

Concen: 38.992 ng

RT: 18.083 min Scan# 2592

Delta R.T. 0.006 min

Lab File: BF132171.D

Acq: 20 Jan 2023 20:35

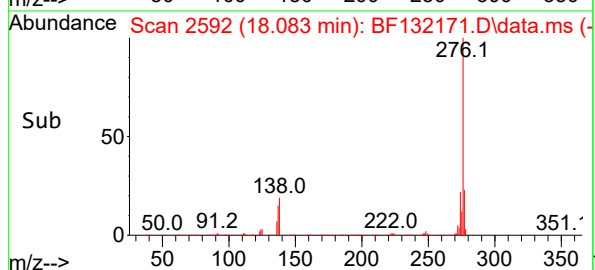
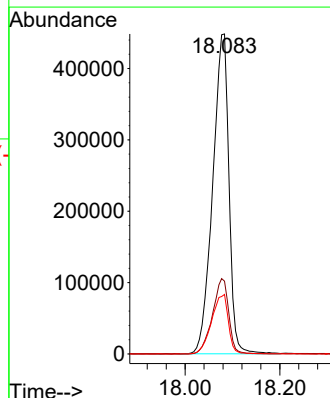
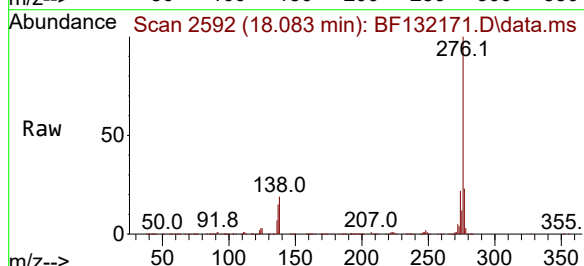
Tgt Ion:276 Resp: 1067741

Ion Ratio Lower Upper

276 100

277 22.8 18.9 28.3

138 18.6 15.7 23.5





284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	Louis Berger U.S., Inc., A WSP Company	Date Collected:	01/18/23
Project:	NYCDDC Phase II SCI Arthur Kill Road CEQR	Date Received:	01/19/23
Client Sample ID:	B-P34AMSD	SDG No.:	O1232
Lab Sample ID:	O1233-02MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	85.3
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF132172.D	1	01/20/23 12:30	01/20/23 21:08	PB150378

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1600		86.4	200	ug/Kg
208-96-8	Acenaphthylene	1600		80.4	200	ug/Kg
83-32-9	Acenaphthene	1800		92.3	200	ug/Kg
86-73-7	Fluorene	1600		92.2	200	ug/Kg
85-01-8	Phenanthrene	1500		97.8	200	ug/Kg
120-12-7	Anthracene	1500		98.2	200	ug/Kg
206-44-0	Fluoranthene	1700		93.3	200	ug/Kg
129-00-0	Pyrene	1600		86.8	200	ug/Kg
56-55-3	Benzo(a)anthracene	1600		100	200	ug/Kg
218-01-9	Chrysene	1600		100	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		80.7	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700		86.1	200	ug/Kg
50-32-8	Benzo(a)pyrene	1600		79.2	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		120	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		120	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		110	200	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	82.3		27 - 109	82%	SPK: 100
321-60-8	2-Fluorobiphenyl	66.1		30 - 103	66%	SPK: 100
1718-51-0	Terphenyl-d14	74.4		21 - 107	74%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	185000		7.089		
1146-65-2	Naphthalene-d8	670000		8.378		
15067-26-2	Acenaphthene-d10	363000		10.142		
1517-22-2	Phenanthrene-d10	737000		11.642		
1719-03-5	Chrysene-d12	440000		14.307		
1520-96-3	Perylene-d12	407000		15.901		



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Report of Analysis

Client:	Louis Berger U.S., Inc., A WSP Company	Date Collected:	01/18/23
Project:	NYCDDC Phase II SCI Arthur Kill Road CEQR	Date Received:	01/19/23
Client Sample ID:	B-P34AMSD	SDG No.:	O1232
Lab Sample ID:	O1233-02MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	85.3
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF132172.D	1	01/20/23 12:30	01/20/23 21:08	PB150378

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	------------	-------

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
 Data File : BF132172.D
 Acq On : 20 Jan 2023 21:08
 Operator : CG\JU
 Sample : 01233-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-P34AMSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/23/2023
 Supervised By : Jagrut Upadhyay 01/23/2023

Quant Time: Jan 21 03:57:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:50:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.089	152	185010	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	669898	20.000	ng	0.00
39) Acenaphthene-d10	10.142	164	363370	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	736982	20.000	ng	0.00
76) Chrysene-d12	14.307	240	439968	20.000	ng	0.00
86) Perylene-d12	15.901	264	406965	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.725	112	1170508	110.521	ng	0.02
7) Phenol-d6	6.707	99	1556685	116.763	ng	0.00
23) Nitrobenzene-d5	7.654	82	1038246	82.333	ng	0.00
42) 2,4,6-Tribromophenol	10.942	330	507491	130.751	ng	0.00
45) 2-Fluorobiphenyl	9.454	172	1643177	66.077	ng	0.00
79) Terphenyl-d14	13.236	244	1952820	74.351	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.125	88	207857	38.739	ng	98
3) Pyridine	3.849	79	548016	38.047	ng	99
4) n-Nitrosodimethylamine	3.807	42	290475	42.880	ng	99
6) Aniline	6.748	93	647002m	35.037	ng	
8) 2-Chlorophenol	6.872	128	522722	46.955	ng	98
9) Benzaldehyde	6.642	77	263835	30.761	ng	96
10) Phenol	6.719	94	608599	43.850	ng	98
11) bis(2-Chloroethyl)ether	6.819	93	512037	43.580	ng	99
12) 1,3-Dichlorobenzene	7.031	146	550558	44.242	ng	98
13) 1,4-Dichlorobenzene	7.107	146	550651	44.346	ng	99
14) 1,2-Dichlorobenzene	7.260	146	530407	46.195	ng	98
15) Benzyl Alcohol	7.225	79	478521m	46.925	ng	
16) 2,2'-oxybis(1-Chloropr...	7.360	45	748437	43.829	ng	99
17) 2-Methylphenol	7.331	107	417984	42.858	ng	98
18) Hexachloroethane	7.607	117	207963	46.656	ng	95
19) n-Nitroso-di-n-propyla...	7.501	70	344907	42.235	ng	97
20) 3+4-Methylphenols	7.484	107	523952	42.635	ng	96
22) Acetophenone	7.501	105	665782	41.350	ng	# 98
24) Nitrobenzene	7.678	77	573088	42.922	ng	94
25) Isophorone	7.913	82	1058482	42.899	ng	98
26) 2-Nitrophenol	7.989	139	266866	52.343	ng	97
27) 2,4-Dimethylphenol	8.019	122	477808	44.753	ng	98
28) bis(2-Chloroethoxy)met...	8.119	93	603691	40.779	ng	99
29) 2,4-Dichlorophenol	8.231	162	443370	43.742	ng	98
30) 1,2,4-Trichlorobenzene	8.319	180	480908	41.772	ng	100
31) Naphthalene	8.401	128	1396657	40.595	ng	99
32) Benzoic acid	8.125	122	348706	48.766	ng	94
33) 4-Chloroaniline	8.442	127	226815	15.405	ng	95
34) Hexachlorobutadiene	8.513	225	324286	41.930	ng	99
35) Caprolactam	8.819	113	147152m	51.194	ng	
36) 4-Chloro-3-methylphenol	8.913	107	463852	45.475	ng	97
37) 2-Methylnaphthalene	9.095	142	924541	39.031	ng	99
38) 1-Methylnaphthalene	9.195	142	871246	39.530	ng	98
40) 1,2,4,5-Tetrachloroben...	9.260	216	497372	39.340	ng	99
41) Hexachlorocyclopentadiene	9.248	237	647423	93.842	ng	99
43) 2,4,6-Trichlorophenol	9.366	196	348929	44.470	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
 Data File : BF132172.D
 Acq On : 20 Jan 2023 21:08
 Operator : CG\JU
 Sample : 01233-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-P34AMSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/23/2023
 Supervised By : Jagrut Upadhyay 01/23/2023

Quant Time: Jan 21 03:57:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:50:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.407	196	376966	41.079	ng	98
46) 1,1'-Biphenyl	9.560	154	1147607	40.032	ng	99
47) 2-Chloronaphthalene	9.589	162	909791	41.054	ng	99
48) 2-Nitroaniline	9.678	65	322574	45.649	ng	98
49) Acenaphthylene	10.007	152	1442347	40.685	ng	99
50) Dimethylphthalate	9.854	163	1089664	41.405	ng	99
51) 2,6-Dinitrotoluene	9.919	165	251265	49.258	ng	94
52) Acenaphthene	10.178	154	962180	45.122	ng	98
53) 3-Nitroaniline	10.089	138	171804	31.502	ng	96
54) 2,4-Dinitrophenol	10.195	184	264179	108.931	ng #	48
55) Dibenzofuran	10.354	168	1311397	39.795	ng	97
56) 4-Nitrophenol	10.242	139	397985	100.269	ng	88
57) 2,4-Dinitrotoluene	10.325	165	329933	53.885	ng	94
58) Fluorene	10.695	166	990200	40.552	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.466	232	323071	46.282	ng	99
60) Diethylphthalate	10.560	149	1081834	41.919	ng	99
61) 4-Chlorophenyl-phenyle...	10.683	204	529286	40.480	ng	98
62) 4-Nitroaniline	10.713	138	244667	48.187	ng	98
63) Azobenzene	10.848	77	1352716	52.226	ng	99
65) 4,6-Dinitro-2-methylph...	10.736	198	174002	48.068	ng	91
66) n-Nitrosodiphenylamine	10.807	169	891433	37.768	ng	100
67) 4-Bromophenyl-phenylether	11.177	248	343215	38.207	ng	98
68) Hexachlorobenzene	11.248	284	376827	42.208	ng	98
69) Atrazine	11.330	200	329931	45.307	ng	99
70) Pentachlorophenol	11.442	266	448896	78.244	ng	98
71) Phenanthrene	11.672	178	1509959	39.042	ng	99
72) Anthracene	11.724	178	1535077	39.234	ng	100
73) Carbazole	11.872	167	1406032	42.070	ng	100
74) Di-n-butylphthalate	12.195	149	1624073	43.651	ng	100
75) Fluoranthene	12.866	202	1690433	42.551	ng	100
77) Benzidine	12.983	184	767487	58.100	ng	99
78) Pyrene	13.101	202	1705612	42.064	ng	99
80) Butylbenzylphthalate	13.707	149	649876	49.125	ng	97
81) Benzo(a)anthracene	14.295	228	1303827	41.482	ng	99
82) 3,3'-Dichlorobenzidine	14.248	252	194473	22.217	ng #	97
83) Chrysene	14.336	228	1215936	40.642	ng	100
84) Bis(2-ethylhexyl)phtha...	14.265	149	788199	44.799	ng	99
85) Di-n-octyl phthalate	14.907	149	1120414	43.907	ng	99
87) Indeno(1,2,3-cd)pyrene	17.565	276	1242088	38.793	ng	99
88) Benzo(b)fluoranthene	15.424	252	1152284	46.503	ng	99
89) Benzo(k)fluoranthene	15.454	252	1091571	43.195	ng	99
90) Benzo(a)pyrene	15.830	252	1006189	42.213	ng	99
91) Dibenzo(a,h)anthracene	17.589	278	1008740	41.883	ng	99
92) Benzo(g,h,i)perylene	18.077	276	1041701	37.991	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

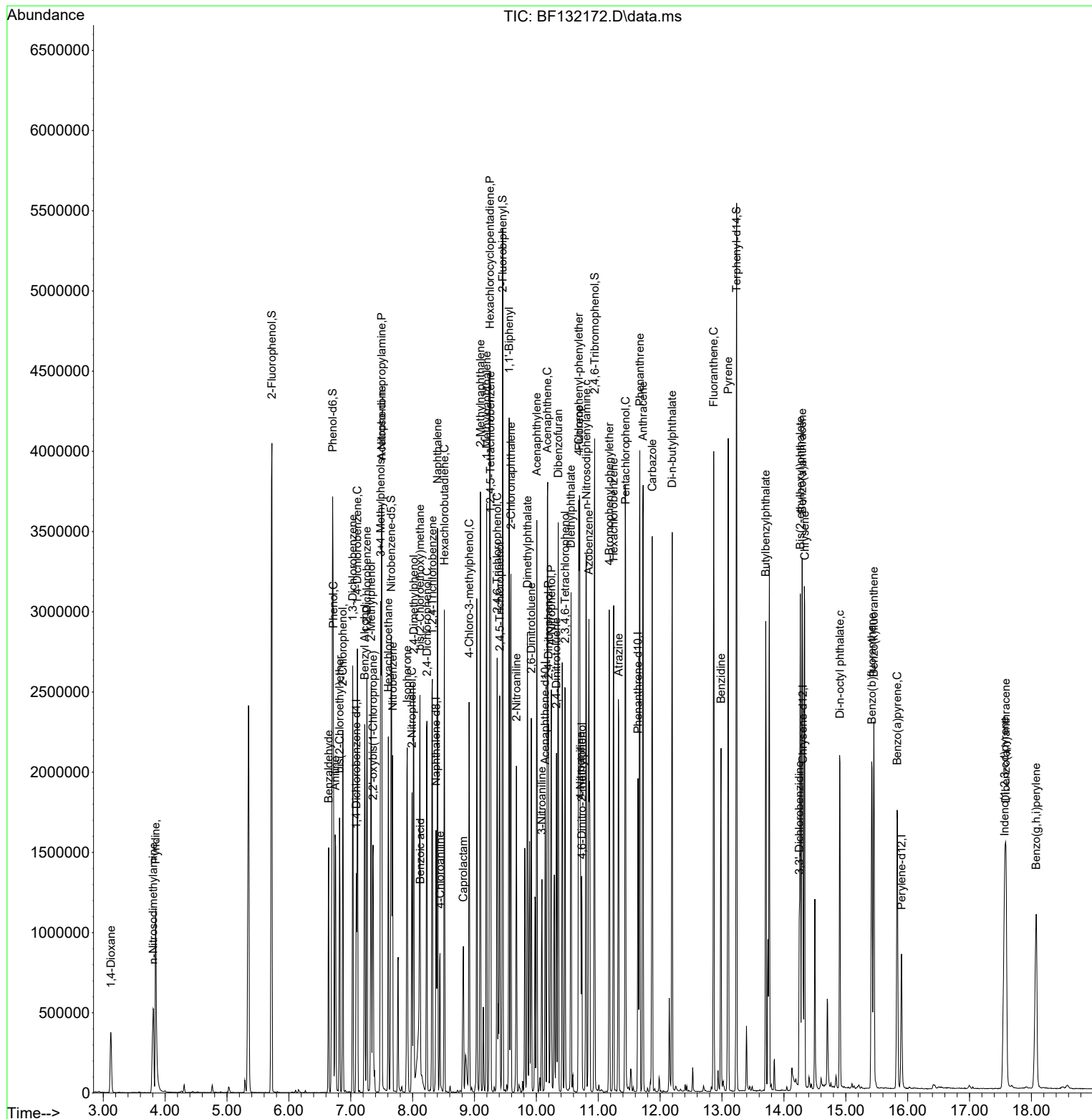
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Data File : BF132172.D
Acq On : 20 Jan 2023 21:08
Operator : CG\JU
Sample : 01233-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

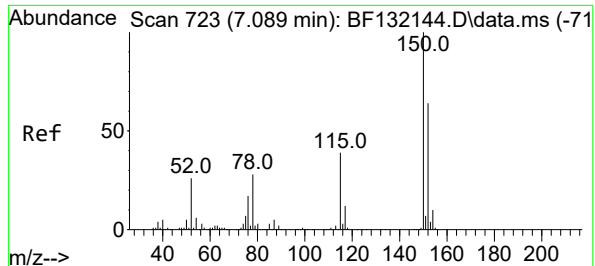
Instrument :
BNA_F
ClientSampleId :
B-P34AMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jaqrut Upadhyay 01/23/2023

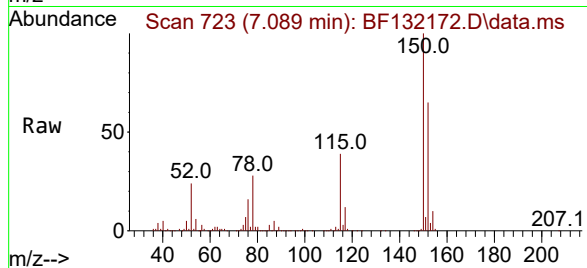
Quant Time: Jan 21 03:57:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 20 00:50:42 2023
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.089 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF132172.D
 Acq: 20 Jan 2023 21:08

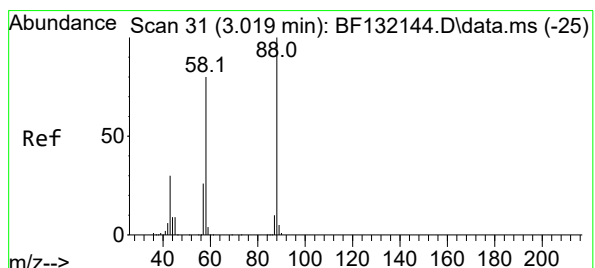
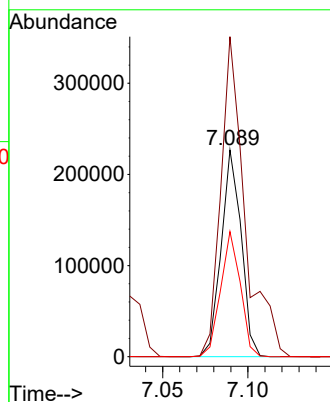
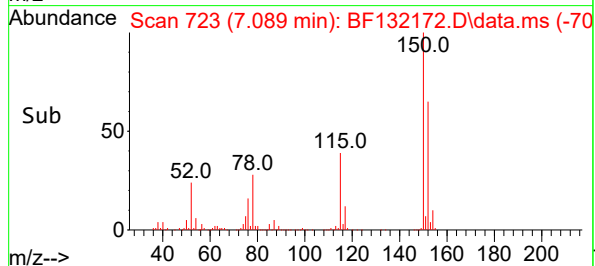
Instrument :
 BNA_F
 ClientSampleId :
 B-P34AMSD



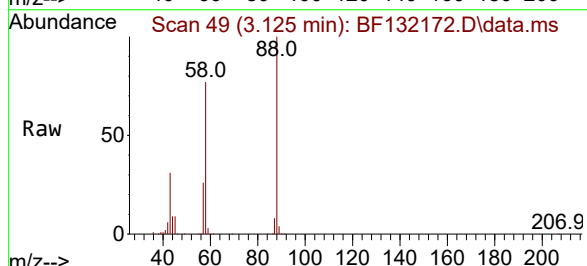
Tgt Ion:152 Resp: 185010
 Ion Ratio Lower Upper
 152 100
 150 154.8 125.8 188.8
 115 60.6 49.2 73.8

Manual Integrations
 APPROVED

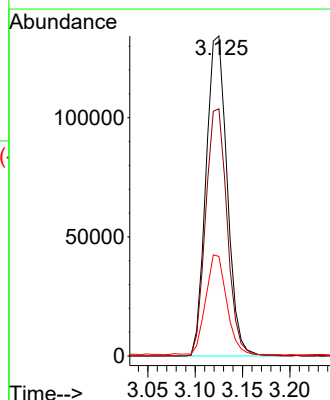
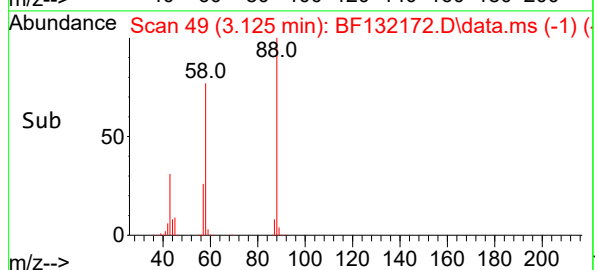
Reviewed By :Christian Giraldo 01/23/2023
 Supervised By :Jagrut Upadhyay 01/23/2023

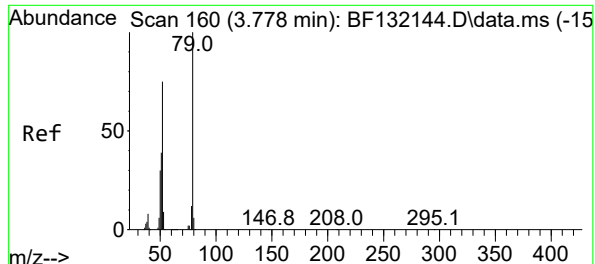


#2
 1,4-Dioxane
 Concen: 38.739 ng
 RT: 3.125 min Scan# 49
 Delta R.T. 0.106 min
 Lab File: BF132172.D
 Acq: 20 Jan 2023 21:08



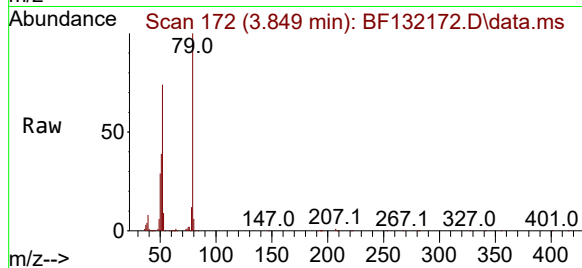
Tgt Ion: 88 Resp: 207857
 Ion Ratio Lower Upper
 88 100
 58 78.5 64.0 96.0
 43 31.3 24.2 36.4





#3
Pyridine
Concen: 38.047 ng
RT: 3.849 min Scan# 11
Delta R.T. 0.071 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

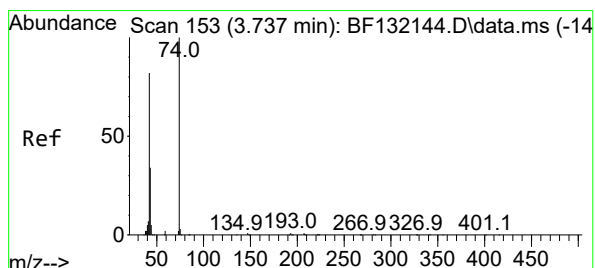
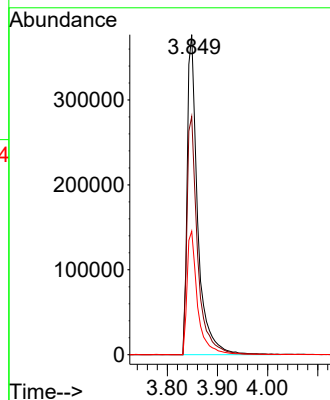
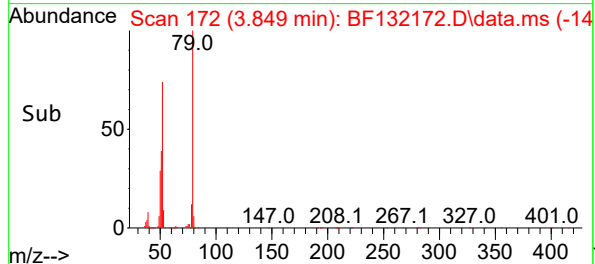
Instrument :
BNA_F
ClientSampleId :
B-P34AMSD



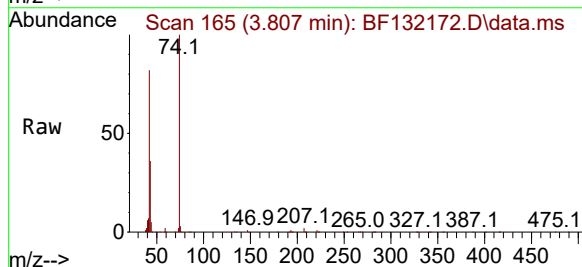
Tgt Ion: 79 Resp: 548010
Ion Ratio Lower Upper
79 100
52 74.4 60.1 90.1
51 38.6 31.4 47.0

Manual Integrations
APPROVED

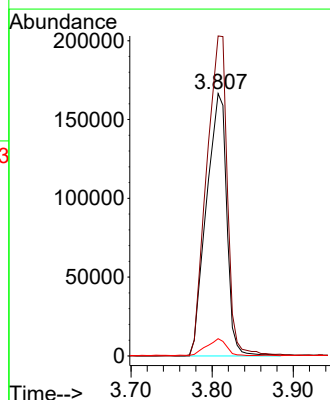
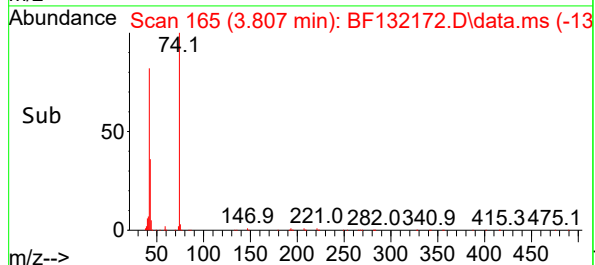
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

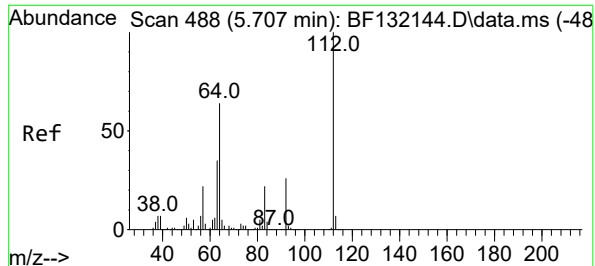


#4
n-Nitrosodimethylamine
Concen: 42.880 ng
RT: 3.807 min Scan# 165
Delta R.T. 0.071 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08



Tgt Ion: 42 Resp: 290475
Ion Ratio Lower Upper
42 100
74 122.0 98.1 147.1
44 6.6 5.2 7.8





#5

2-Fluorophenol

Concen: 110.521 ng

RT: 5.725 min Scan# 491

Delta R.T. 0.018 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

Instrument :

BNA_F

ClientSampleId :

B-P34AMSD

Tgt Ion:112 Resp: 1170508

Ion Ratio Lower Upper

112 100

64 64.2 51.4 77.0

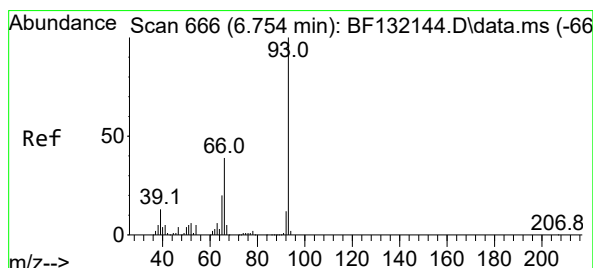
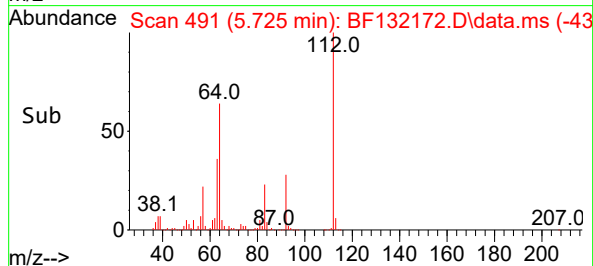
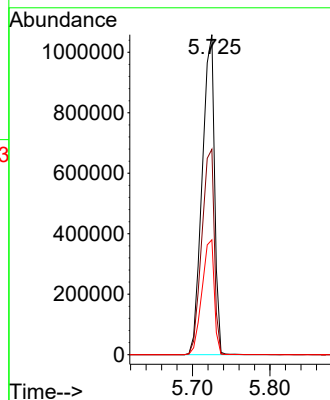
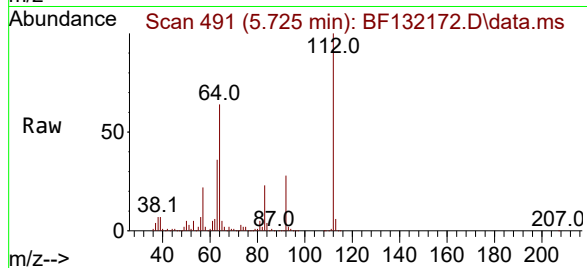
63 35.9 28.2 42.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#6

Aniline

Concen: 35.037 ng m

RT: 6.748 min Scan# 665

Delta R.T. -0.006 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

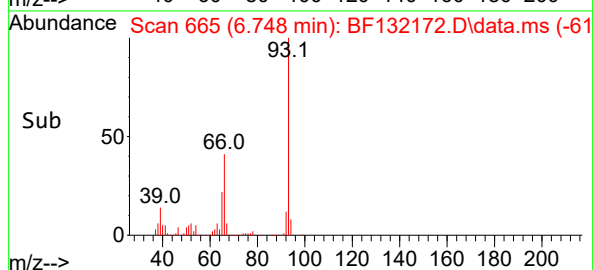
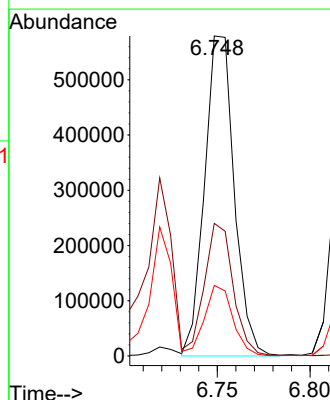
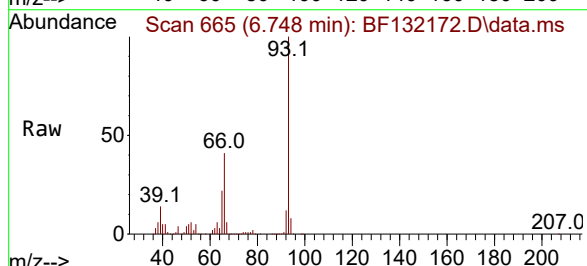
Tgt Ion: 93 Resp: 647002

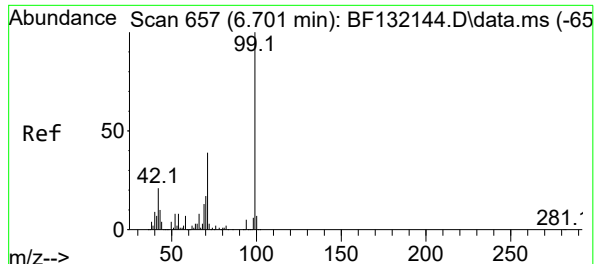
Ion Ratio Lower Upper

93 100

66 41.5 33.0 49.6

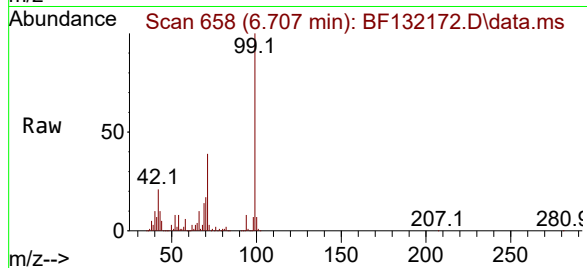
65 22.1 16.8 25.2





#7
Phenol-d6
Concen: 116.763 ng
RT: 6.707 min Scan# 657
Delta R.T. 0.006 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

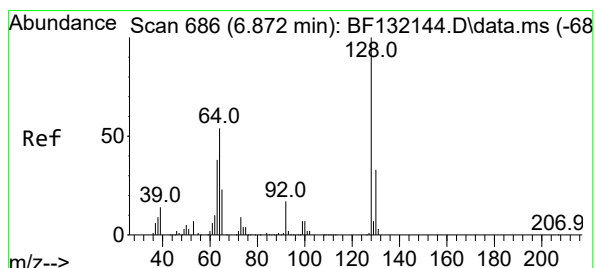
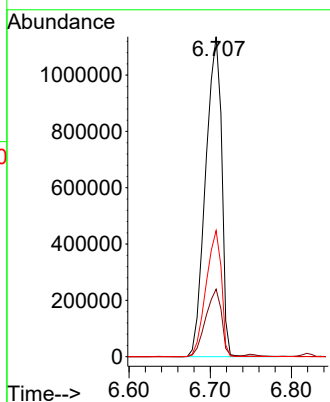
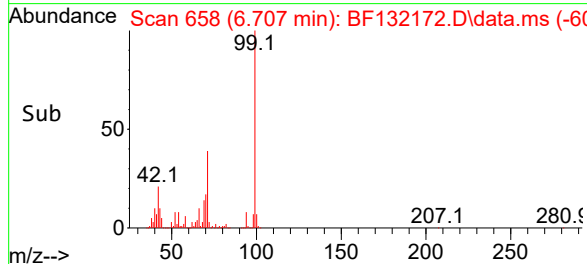
Instrument :
BNA_F
ClientSampleId :
B-P34AMSD



Tgt Ion: 99 Resp: 155668
Ion Ratio Lower Upper
99 100
42 21.1 16.6 24.8
71 39.4 30.8 46.2

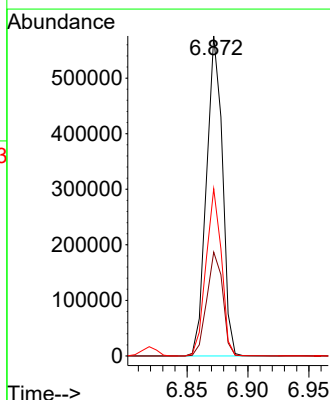
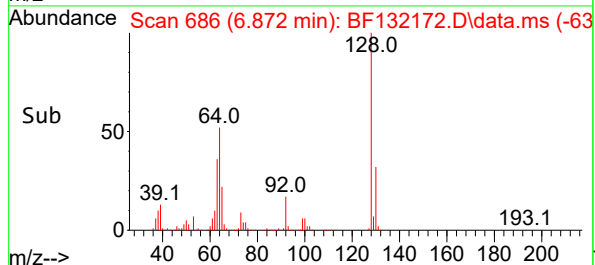
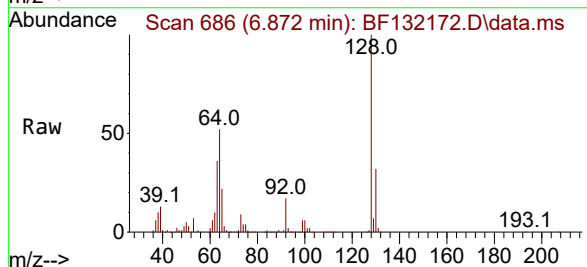
Manual Integrations
APPROVED

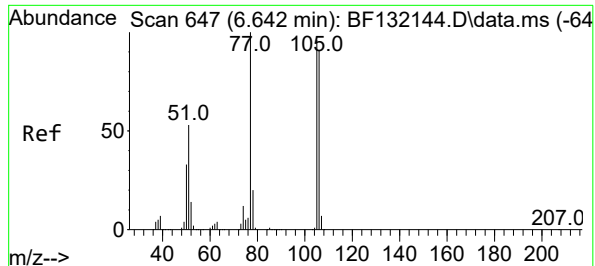
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#8
2-Chlorophenol
Concen: 46.955 ng
RT: 6.872 min Scan# 686
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

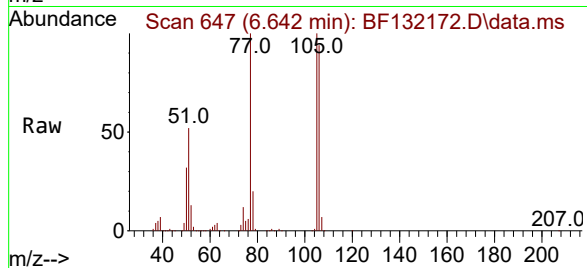
Tgt Ion:128 Resp: 522722
Ion Ratio Lower Upper
128 100
130 32.5 12.8 52.8
64 52.3 34.8 74.8





#9
Benzaldehyde
Concen: 30.761 ng
RT: 6.642 min Scan# 647
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

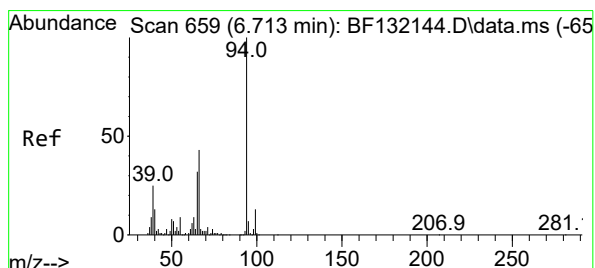
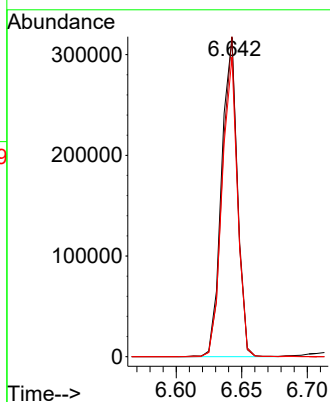
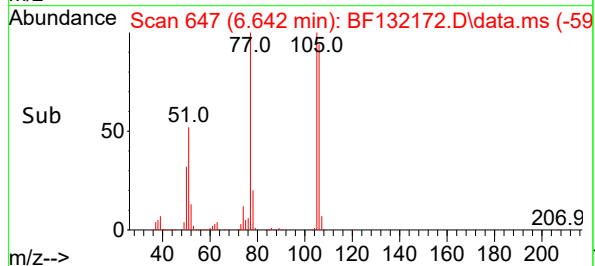
Instrument :
BNA_F
ClientSampleId :
B-P34AMSD



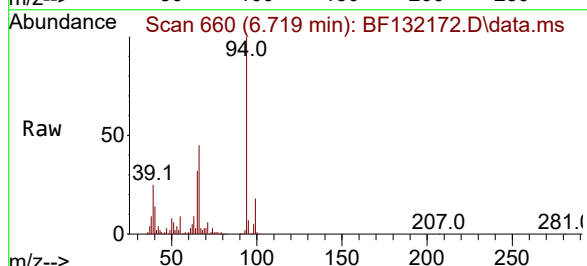
Tgt Ion: 77 Resp: 263835
Ion Ratio Lower Upper
77 100
105 100.4 75.5 115.5
106 94.0 70.7 110.7

Manual Integrations
APPROVED

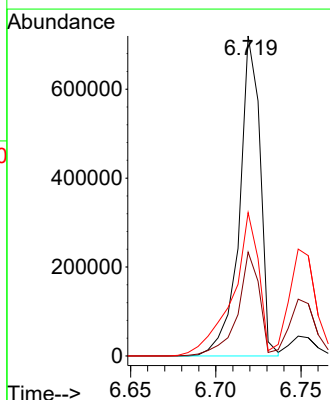
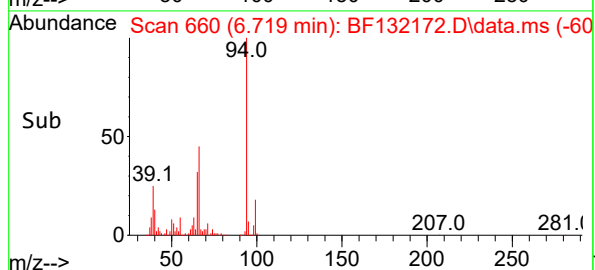
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

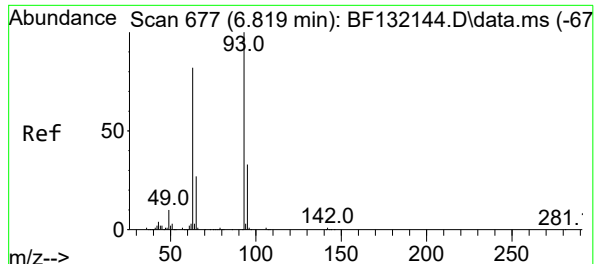


#10
Phenol
Concen: 43.850 ng
RT: 6.719 min Scan# 660
Delta R.T. 0.006 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08



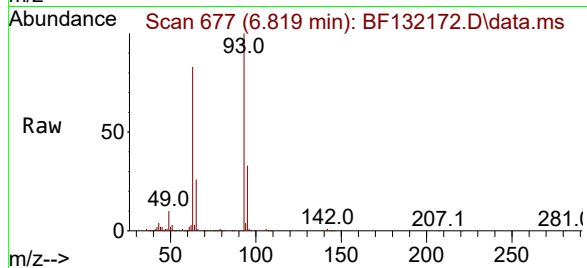
Tgt Ion: 94 Resp: 608599
Ion Ratio Lower Upper
94 100
65 32.4 12.0 52.0
66 44.8 22.7 62.7





#11
bis(2-Chloroethyl)ether
Concen: 43.580 ng
RT: 6.819 min Scan# 611
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

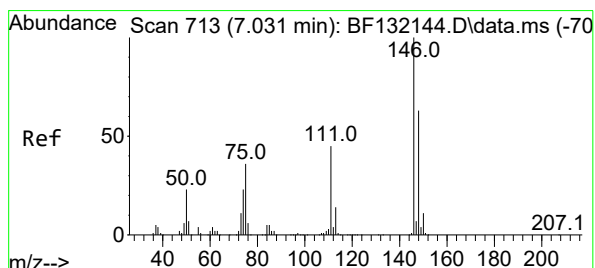
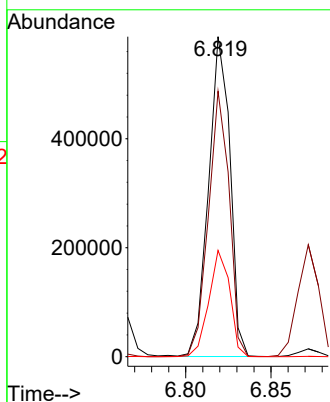
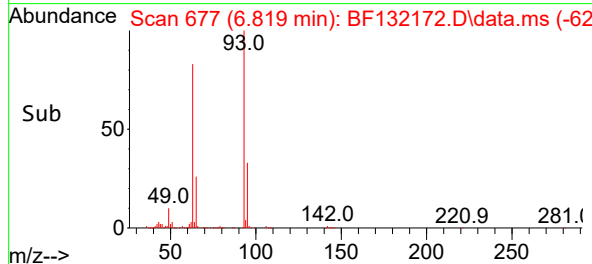
Instrument :
BNA_F
ClientSampleId :
B-P34AMSD



Tgt Ion: 93 Resp: 51203
Ion Ratio Lower Upper
93 100
63 82.9 61.6 101.6
95 33.2 12.7 52.7

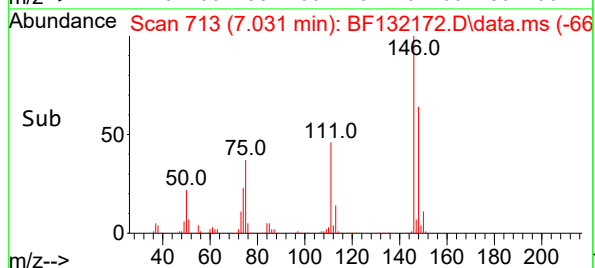
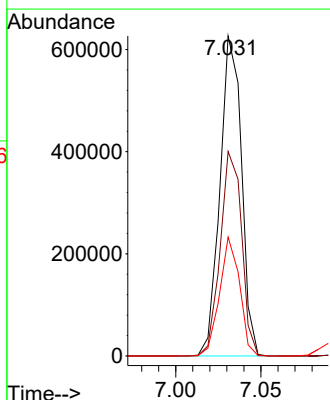
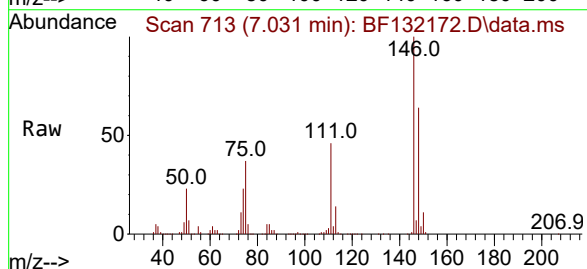
Manual Integrations
APPROVED

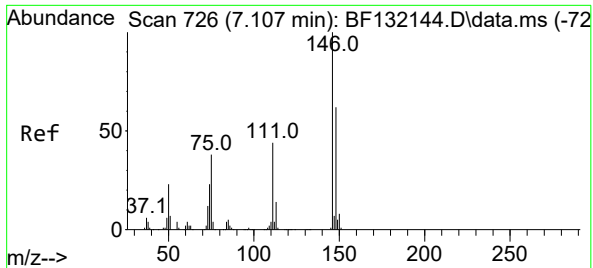
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#12
1,3-Dichlorobenzene
Concen: 44.242 ng
RT: 7.031 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

Tgt Ion:146 Resp: 550558
Ion Ratio Lower Upper
146 100
148 63.9 50.0 75.0
75 37.2 28.8 43.2





#13

1,4-Dichlorobenzene

Concen: 44.346 ng

RT: 7.107 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

Instrument :

BNA_F

ClientSampleId :

B-P34AMSD

Tgt Ion:146 Resp: 55065

Ion Ratio Lower Upper

146 100

148 63.4 49.9 74.9

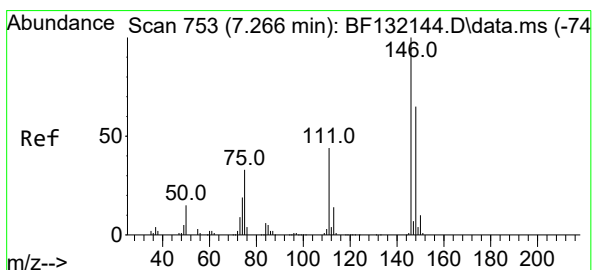
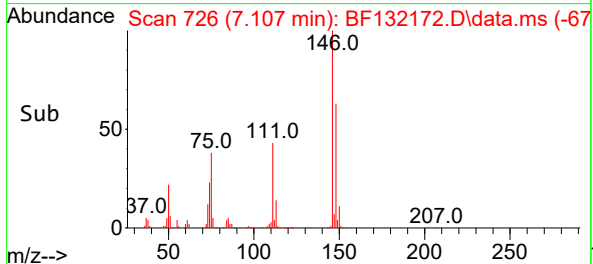
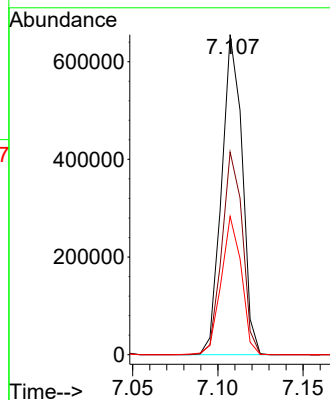
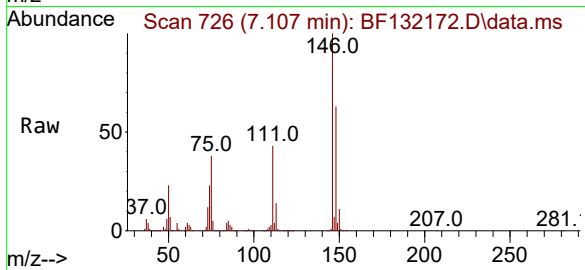
111 43.2 35.2 52.8

Manual Integrations

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Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#14

1,2-Dichlorobenzene

Concen: 46.195 ng

RT: 7.260 min Scan# 752

Delta R.T. -0.006 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

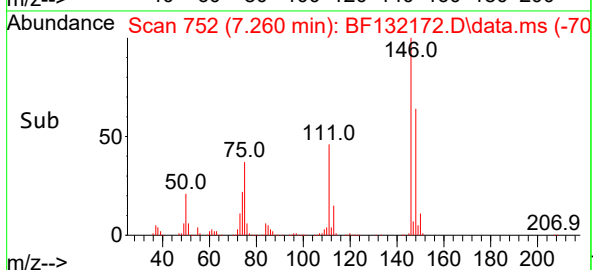
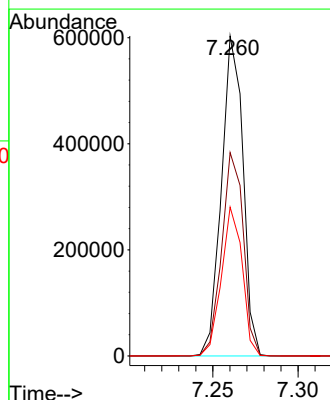
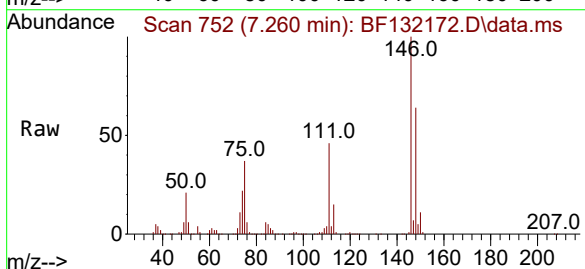
Tgt Ion:146 Resp: 530407

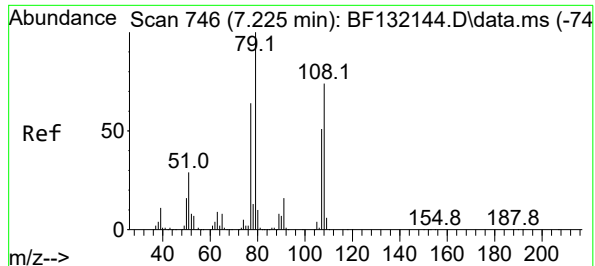
Ion Ratio Lower Upper

146 100

148 63.5 52.0 78.0

111 46.5 35.4 53.2





#15

Benzyl Alcohol

Concen: 46.925 ng m

RT: 7.225 min Scan# 746

Delta R.T. 0.000 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

Instrument :

BNA_F

ClientSampleId :

B-P34AMSD

Tgt Ion: 79 Resp: 47852

Ion Ratio Lower Upper

79 100

108 72.8 58.9 88.3

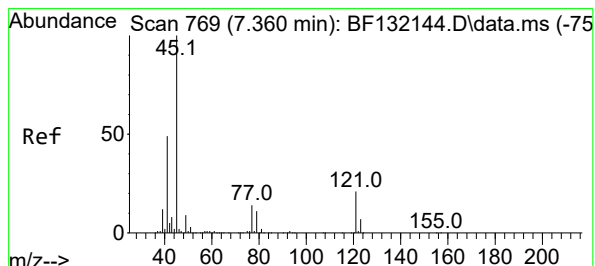
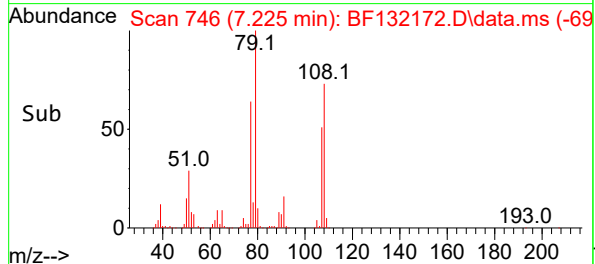
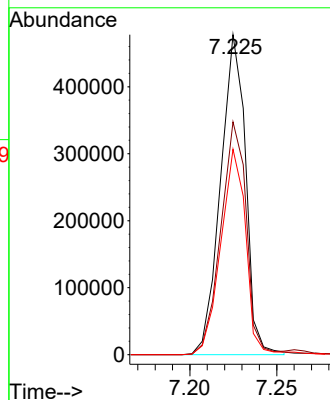
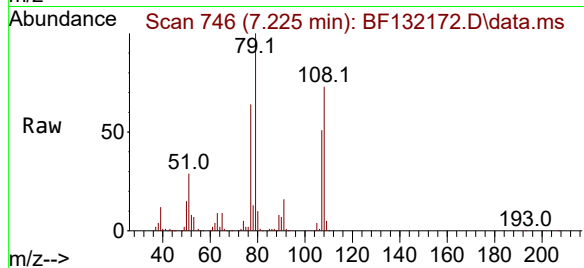
77 64.2 51.1 76.7

Manual Integrations

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Supervised By :Jagrut Upadhyay 01/23/2023



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.829 ng

RT: 7.360 min Scan# 769

Delta R.T. 0.000 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

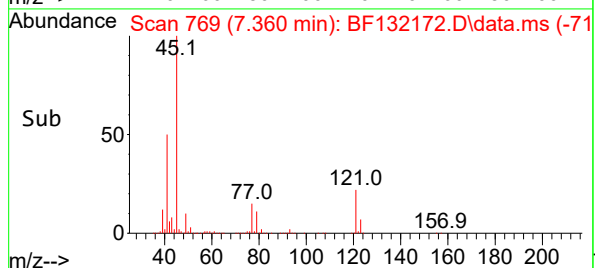
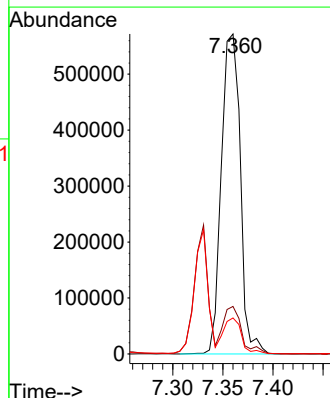
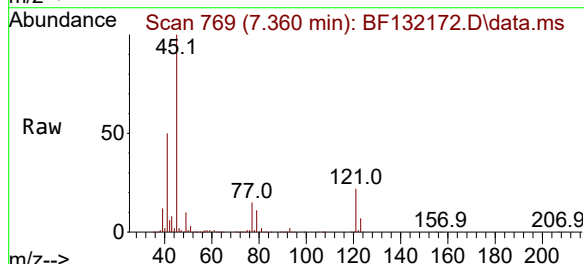
Tgt Ion: 45 Resp: 748437

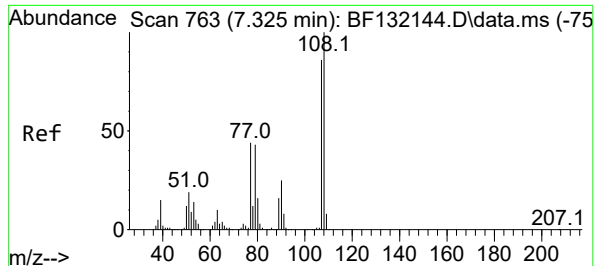
Ion Ratio Lower Upper

45 100

77 14.8 0.0 34.3

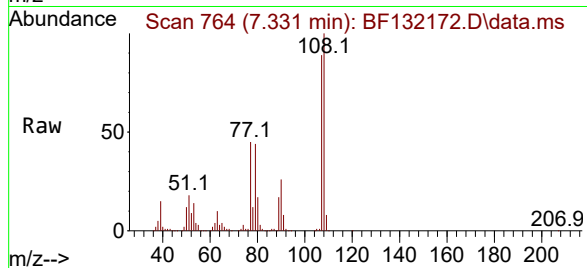
79 11.3 0.0 30.9





#17
2-Methylphenol
Concen: 42.858 ng
RT: 7.331 min Scan# 764
Delta R.T. 0.006 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

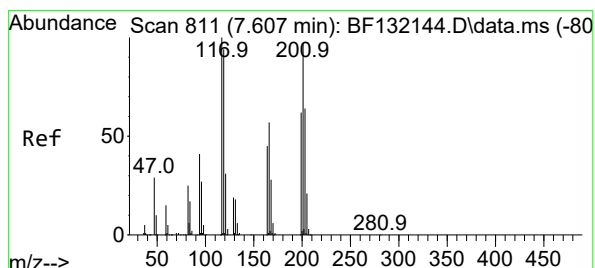
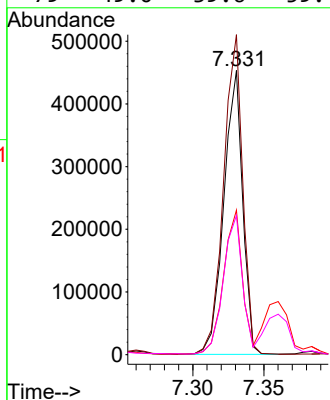
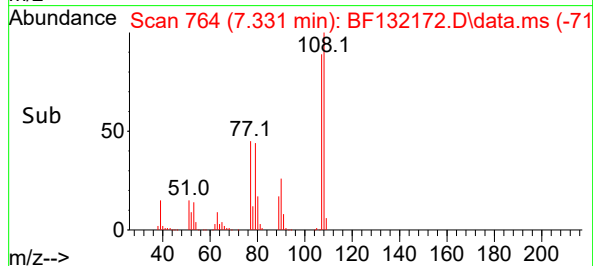
Instrument :
BNA_F
ClientSampleId :
B-P34AMSD



Tgt Ion:107 Resp: 417984
Ion Ratio Lower Upper
107 100
108 112.6 92.8 139.2
77 50.9 41.1 61.7
79 49.0 39.6 59.4

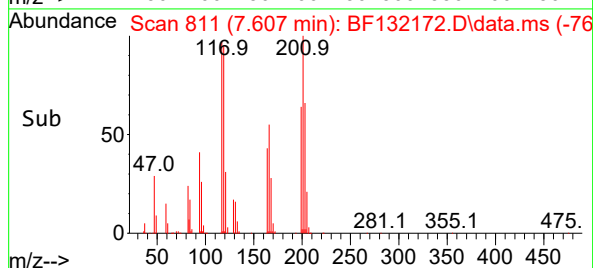
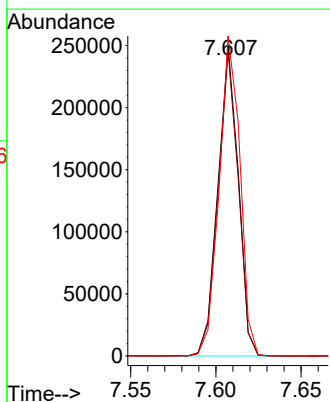
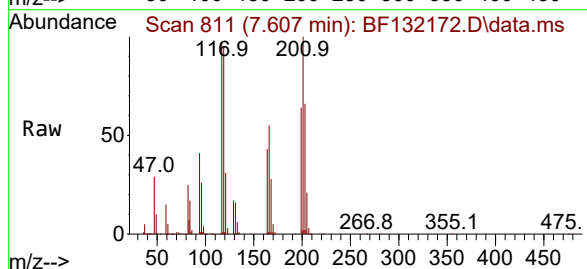
Manual Integrations
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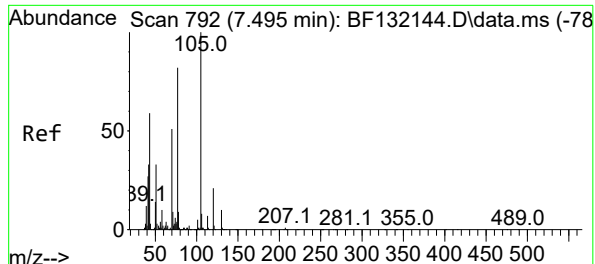
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#18
Hexachloroethane
Concen: 46.656 ng
RT: 7.607 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

Tgt Ion:117 Resp: 207963
Ion Ratio Lower Upper
117 100
119 97.8 75.4 113.0
201 102.9 77.9 116.9





#19

n-Nitroso-di-n-propylamine

Concen: 42.235 ng

RT: 7.501 min Scan# 792

Delta R.T. 0.006 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

Instrument :

BNA_F

ClientSampleId :

B-P34AMSD

Tgt Ion: 70 Resp: 34490

Ion Ratio Lower Upper

70 100

42 61.5 51.0 76.4

101 10.0 7.3 10.9

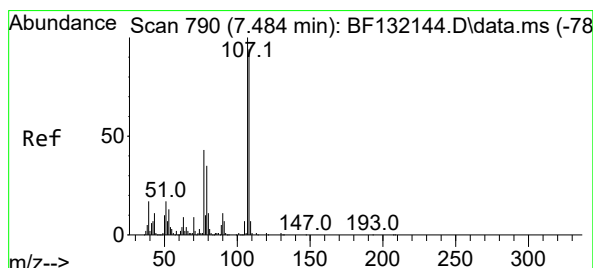
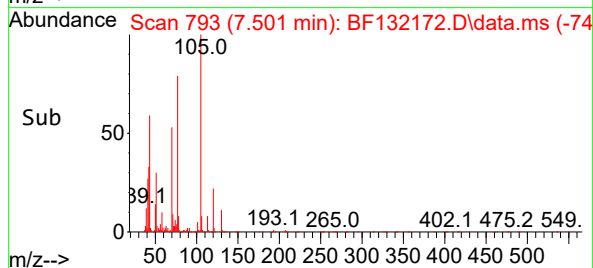
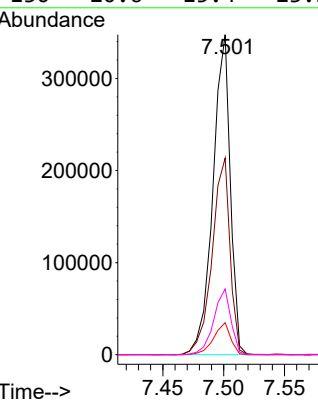
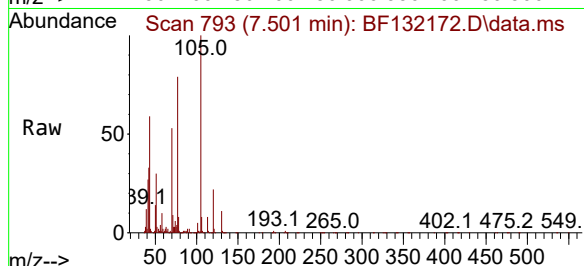
130 20.6 15.4 23.2

Manual Integrations

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Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#20

3+4-Methylphenols

Concen: 42.635 ng

RT: 7.484 min Scan# 790

Delta R.T. -0.000 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

Tgt Ion:107 Resp: 523952

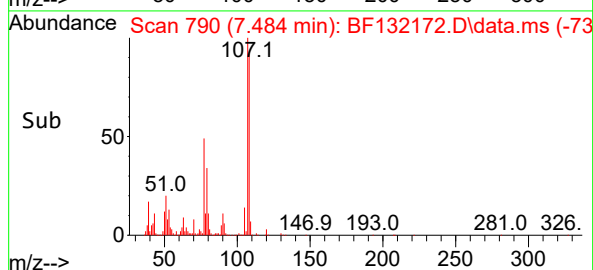
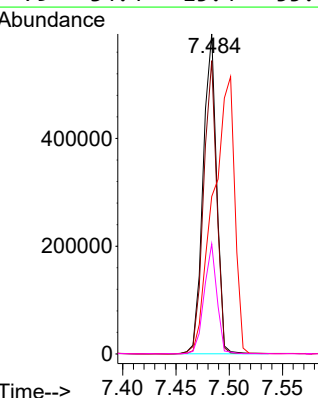
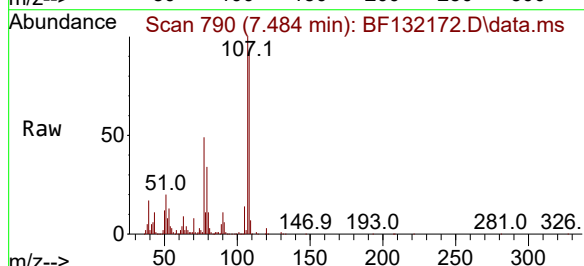
Ion Ratio Lower Upper

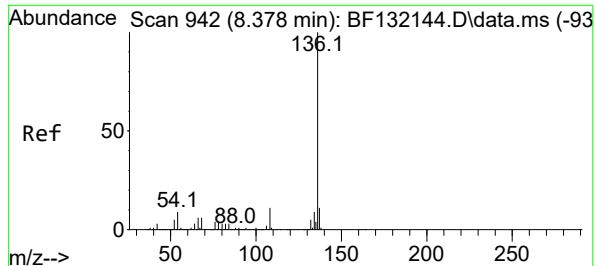
107 100

108 91.6 73.8 113.8

77 49.2 22.8 62.8

79 34.4 15.4 55.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.378 min Scan# 942

Delta R.T. -0.000 min

Lab File: BF132172.D

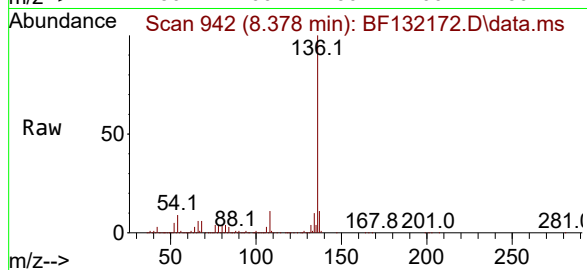
Acq: 20 Jan 2023 21:08

Instrument :

BNA_F

ClientSampleId :

B-P34AMSD



Tgt Ion:136 Resp: 669898

Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.4 7.0 10.6

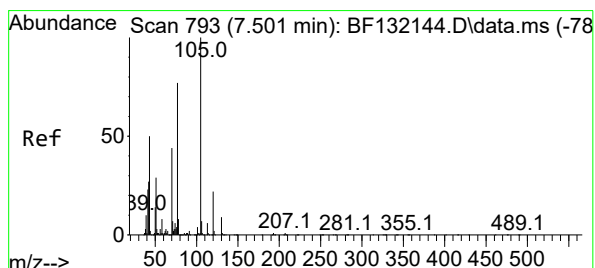
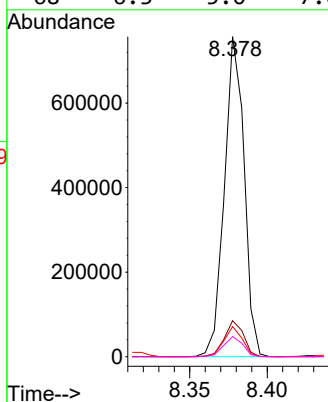
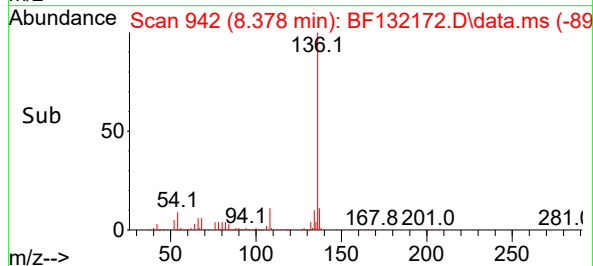
68 6.3 5.0 7.6

Manual Integrations

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Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#22

Acetophenone

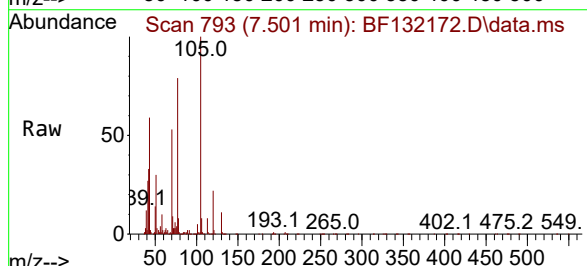
Concen: 41.350 ng

RT: 7.501 min Scan# 793

Delta R.T. 0.000 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08



Tgt Ion:105 Resp: 665782

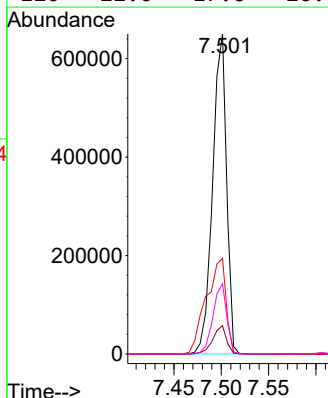
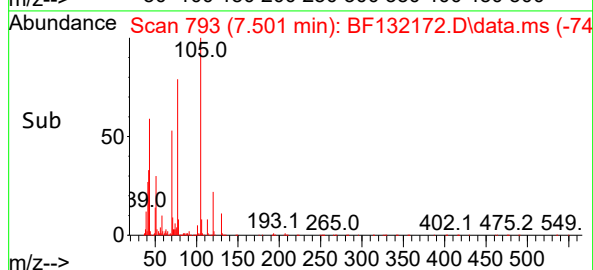
Ion Ratio Lower Upper

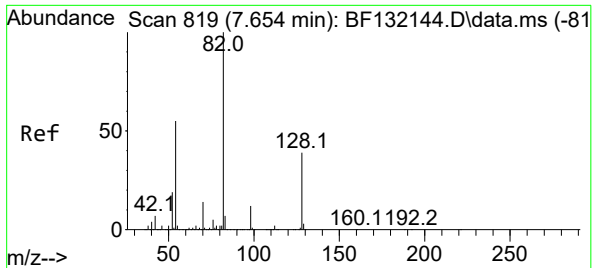
105 100

71 8.9 5.8 8.6

51 29.9 23.0 34.6

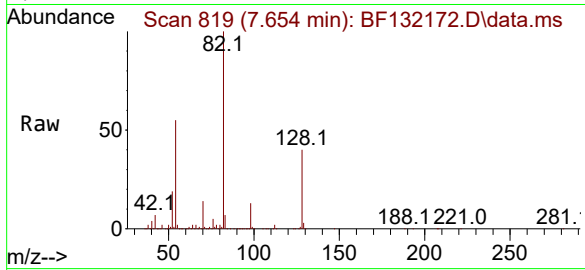
120 22.0 17.6 26.4





#23
Nitrobenzene-d5
Concen: 82.333 ng
RT: 7.654 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

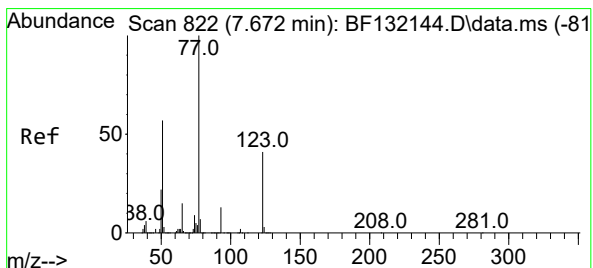
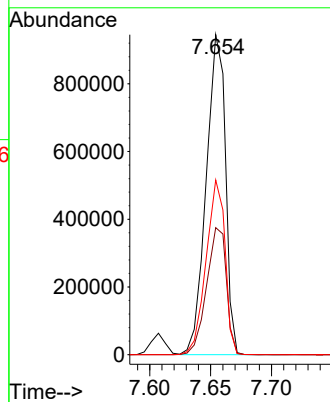
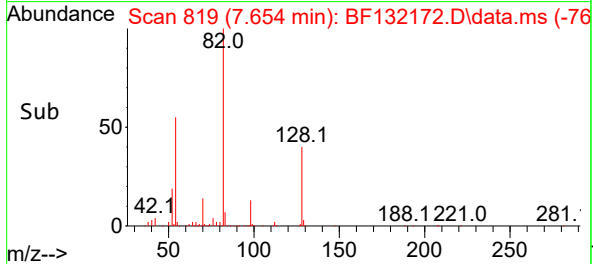
Instrument :
BNA_F
ClientSampleId :
B-P34AMSD



Tgt Ion: 82 Resp: 1038240
Ion Ratio Lower Upper
82 100
128 39.7 31.1 46.7
54 54.6 43.9 65.9

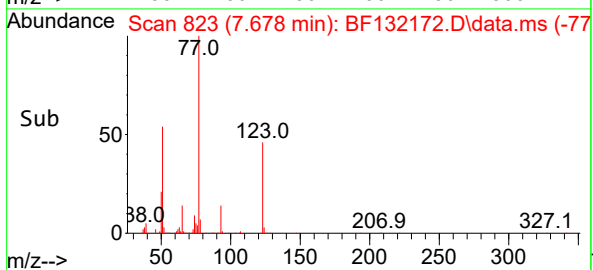
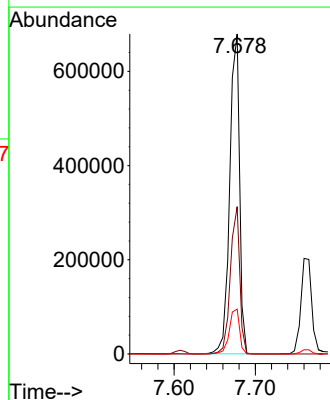
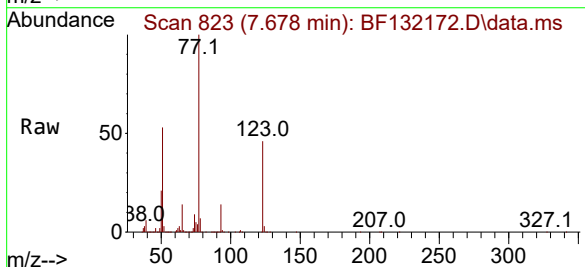
Manual Integrations
APPROVED

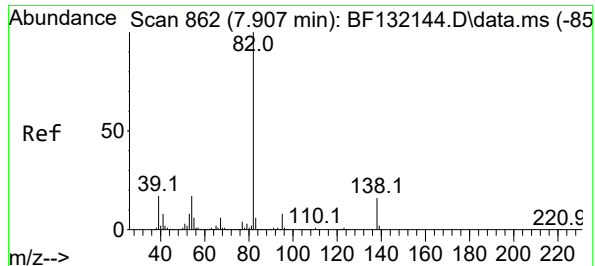
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#24
Nitrobenzene
Concen: 42.922 ng
RT: 7.678 min Scan# 823
Delta R.T. 0.006 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

Tgt Ion: 77 Resp: 573088
Ion Ratio Lower Upper
77 100
123 46.0 33.1 49.7
65 14.0 11.7 17.5





#25

Isophorone

Concen: 42.899 ng

RT: 7.913 min Scan# 863

Delta R.T. 0.006 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

Instrument :

BNA_F

ClientSampleId :

B-P34AMSD

Tgt Ion: 82 Resp: 105848

Ion Ratio Lower Upper

82 100

95 7.8 6.2 9.2

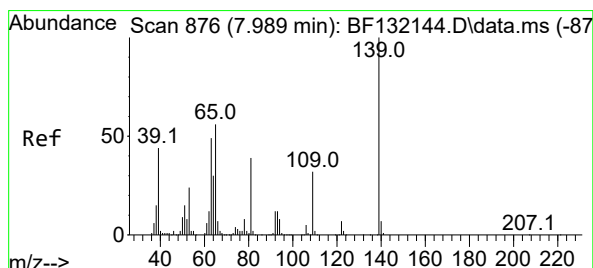
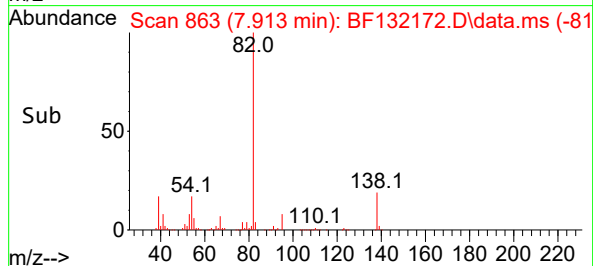
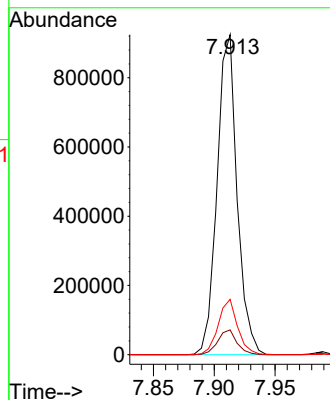
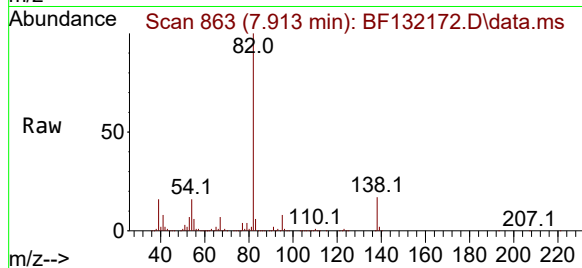
138 17.3 12.9 19.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#26

2-Nitrophenol

Concen: 52.343 ng

RT: 7.989 min Scan# 876

Delta R.T. 0.000 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

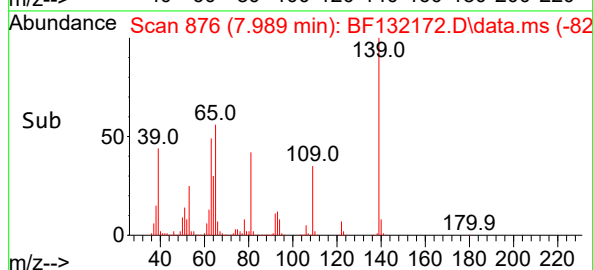
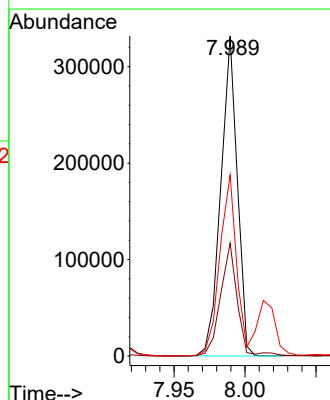
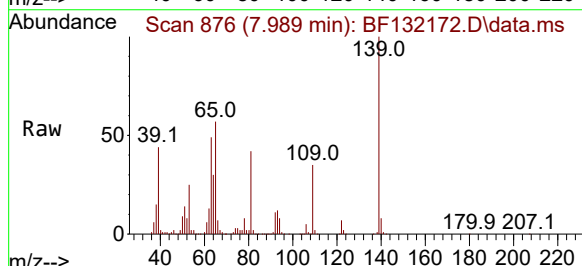
Tgt Ion:139 Resp: 266866

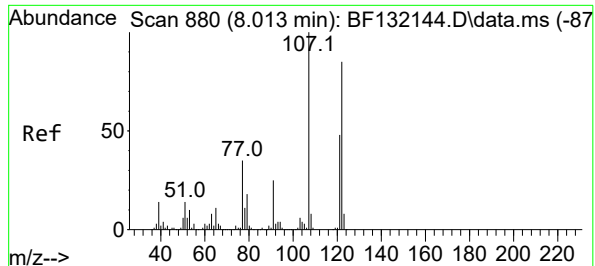
Ion Ratio Lower Upper

139 100

109 35.2 25.8 38.8

65 56.5 44.6 66.8





#27

2,4-Dimethylphenol

Concen: 44.753 ng

RT: 8.019 min Scan# 881

Delta R.T. 0.006 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

Instrument :

BNA_F

ClientSampleId :

B-P34AMSD

Tgt Ion:122 Resp: 477808

Ion Ratio Lower Upper

122 100

107 116.5 94.2 141.4

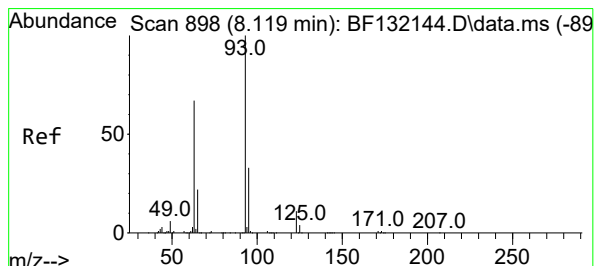
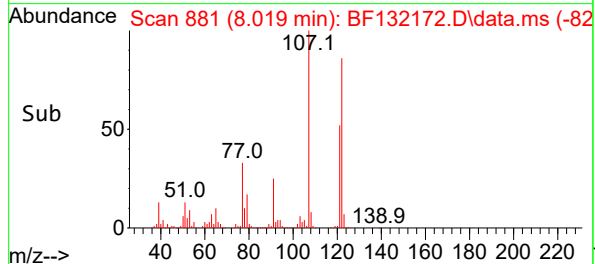
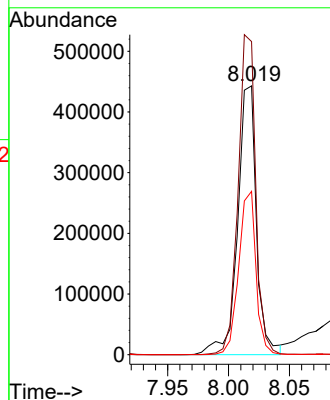
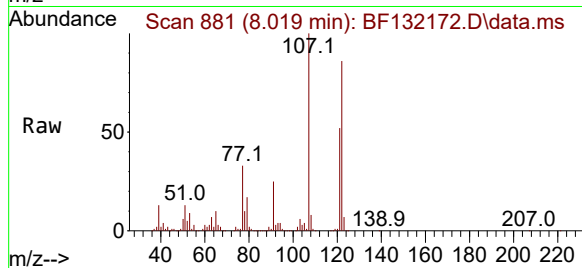
121 60.8 45.6 68.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#28

bis(2-Chloroethoxy)methane

Concen: 40.779 ng

RT: 8.119 min Scan# 898

Delta R.T. -0.000 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

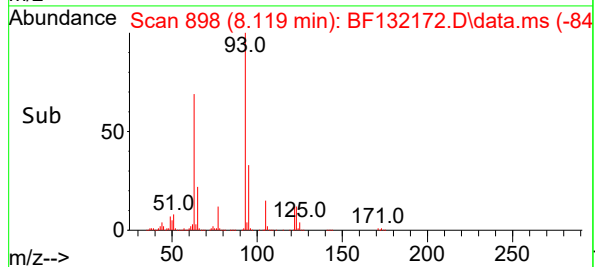
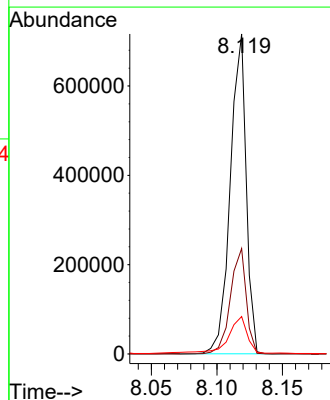
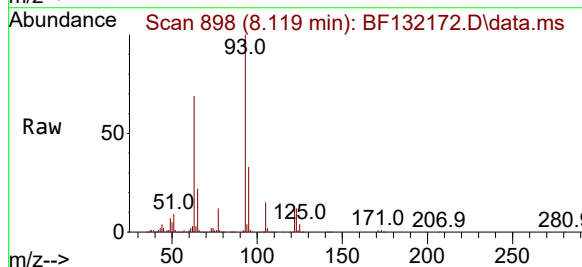
Tgt Ion: 93 Resp: 603691

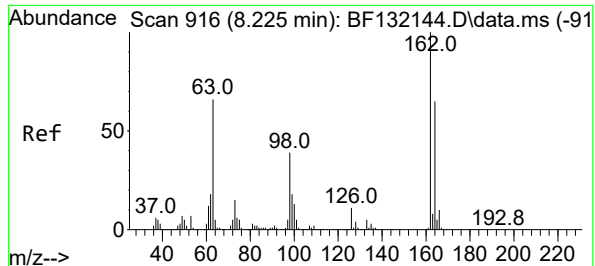
Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.2

123 11.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 43.742 ng

RT: 8.231 min Scan# 916

Delta R.T. 0.006 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

Instrument :

BNA_F

ClientSampleId :

B-P34AMSD

Tgt Ion:162 Resp: 443370

Ion Ratio Lower Upper

162 100

164 64.9 44.7 84.7

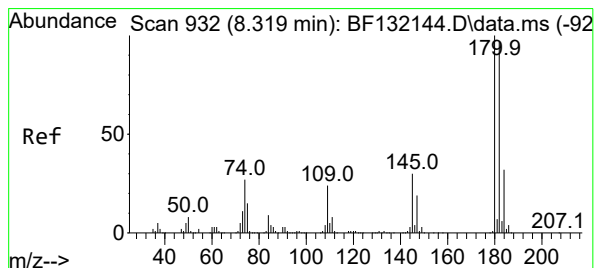
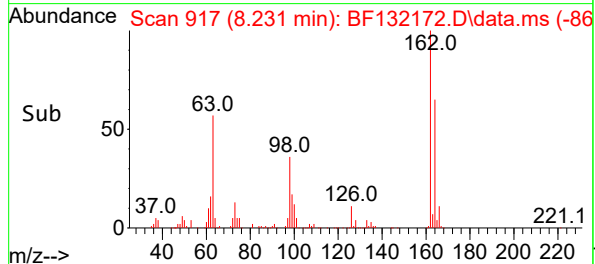
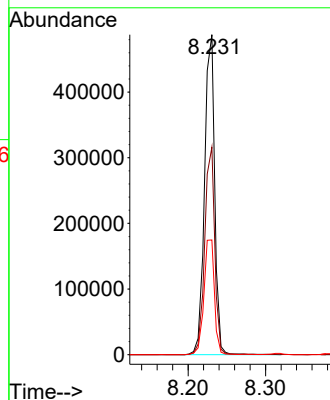
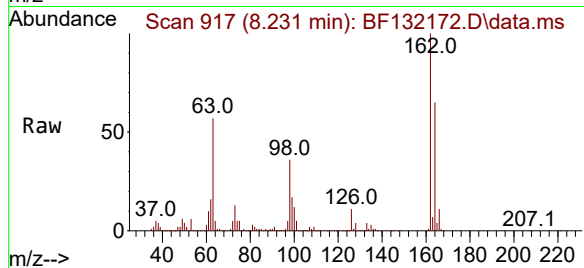
98 35.9 18.8 58.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#30

1,2,4-Trichlorobenzene

Concen: 41.772 ng

RT: 8.319 min Scan# 932

Delta R.T. 0.000 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

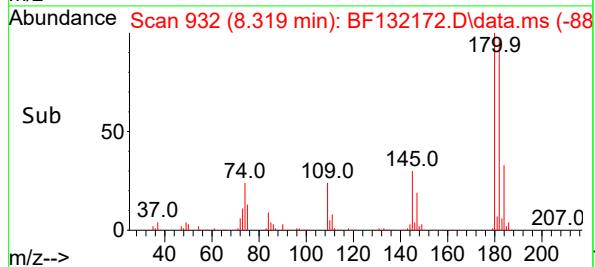
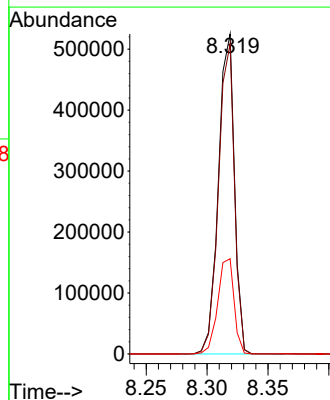
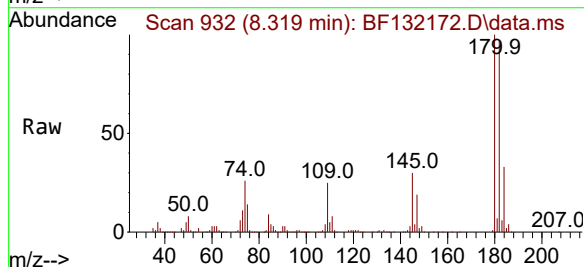
Tgt Ion:180 Resp: 480908

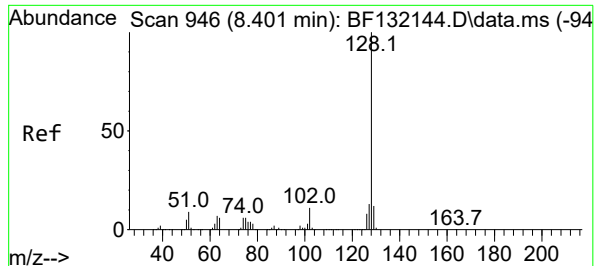
Ion Ratio Lower Upper

180 100

182 97.0 77.4 116.0

145 29.8 23.8 35.6





#31

Naphthalene

Concen: 40.595 ng

RT: 8.401 min Scan# 946

Delta R.T. 0.000 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

Instrument :

BNA_F

ClientSampleId :

B-P34AMSD

Tgt Ion:128 Resp: 139665

Ion Ratio Lower Upper

128 100

129 11.8 9.3 13.9

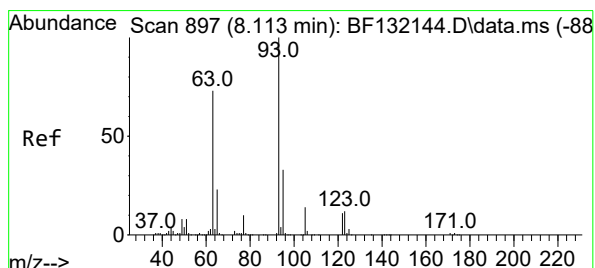
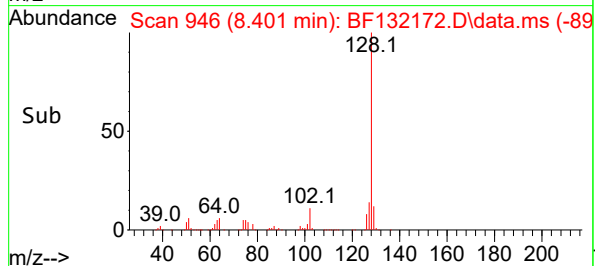
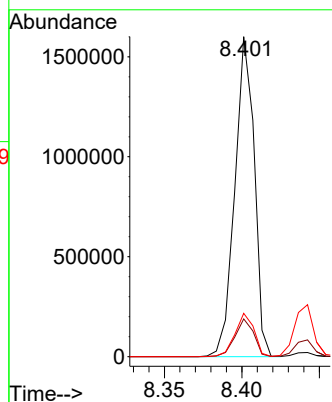
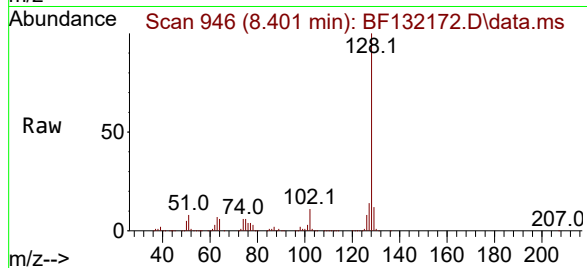
127 13.5 10.6 15.8

Manual Integrations

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Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#32

Benzoic acid

Concen: 48.766 ng

RT: 8.125 min Scan# 899

Delta R.T. 0.012 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

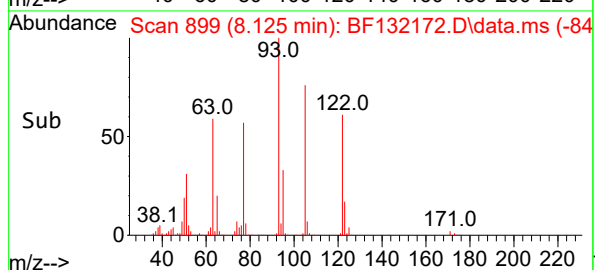
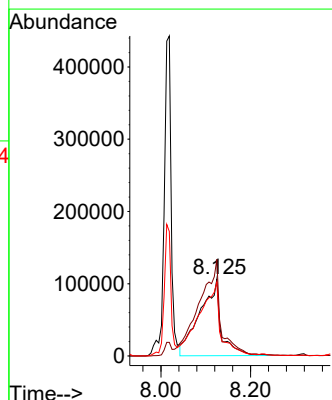
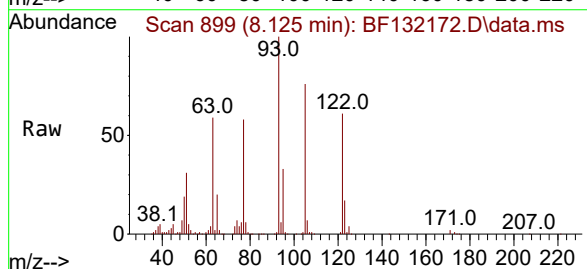
Tgt Ion:122 Resp: 348706

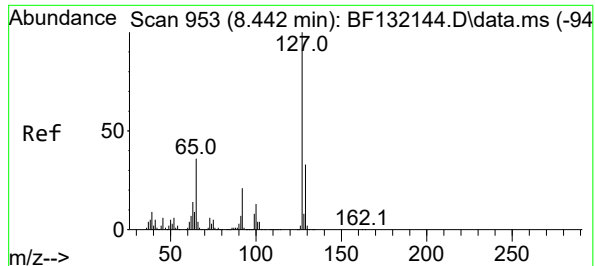
Ion Ratio Lower Upper

122 100

105 125.4 96.8 136.8

77 96.3 72.5 112.5





#33

4-Chloroaniline

Concen: 15.405 ng

RT: 8.442 min Scan# 953

Delta R.T. 0.000 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

Instrument :

BNA_F

ClientSampleId :

B-P34AMSD

Tgt Ion:127 Resp: 22681

Ion Ratio Lower Upper

127 100

129 32.2 26.0 39.0

65 30.4 28.4 42.6

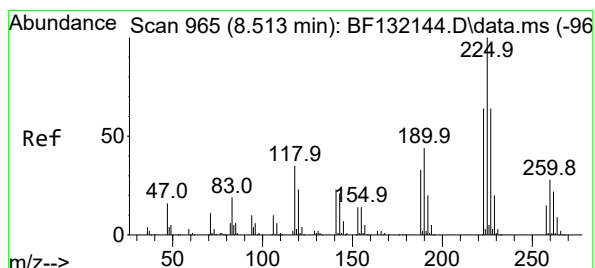
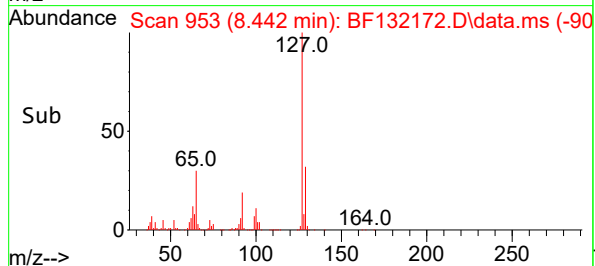
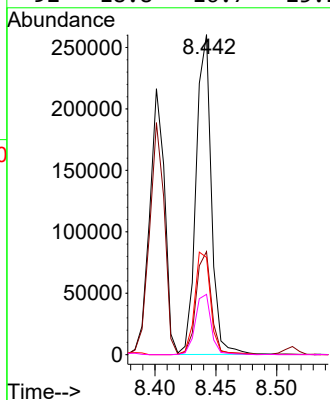
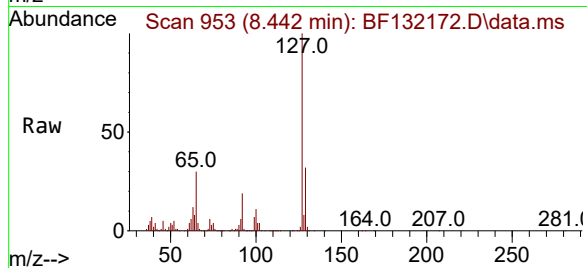
92 18.8 16.7 25.1

Manual Integrations

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Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#34

Hexachlorobutadiene

Concen: 41.930 ng

RT: 8.513 min Scan# 965

Delta R.T. 0.000 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

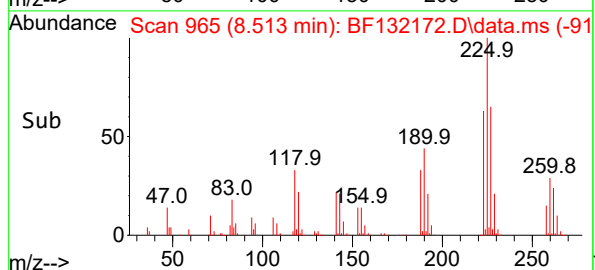
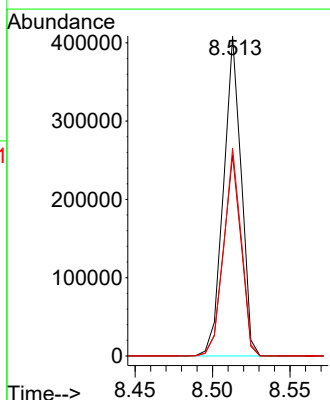
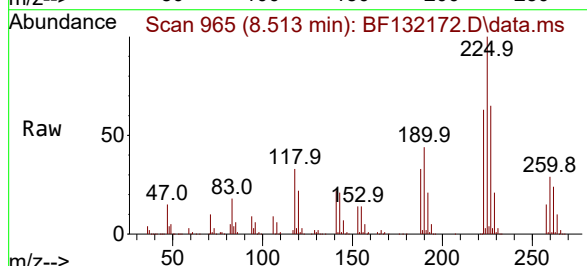
Tgt Ion:225 Resp: 324286

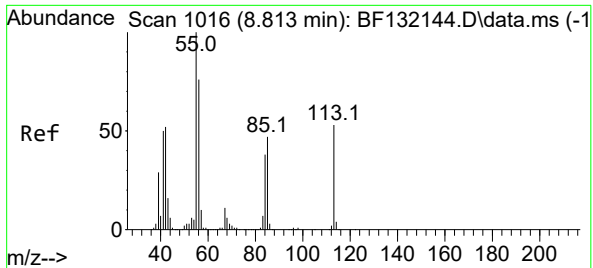
Ion Ratio Lower Upper

225 100

223 62.8 50.9 76.3

227 65.0 50.8 76.2





#35

Caprolactam

Concen: 51.194 ng m

RT: 8.819 min Scan# 1016

Delta R.T. 0.006 min

Lab File: BF132172.D

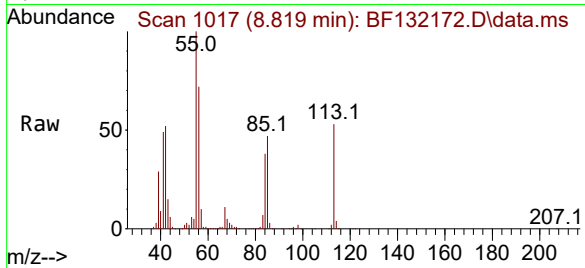
Acq: 20 Jan 2023 21:08

Instrument :

BNA_F

ClientSampleId :

B-P34AMSD



Tgt Ion:113 Resp: 147152

Ion Ratio Lower Upper

113 100

55 189.4 167.5 207.5

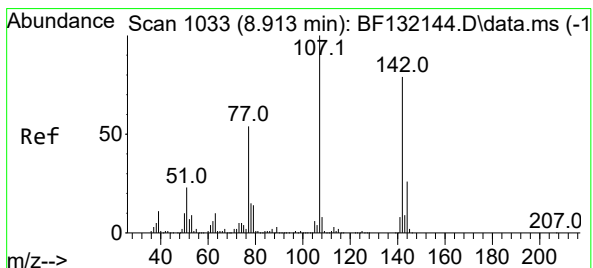
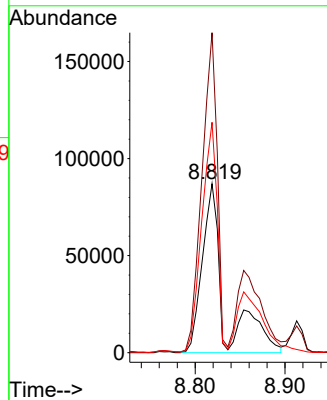
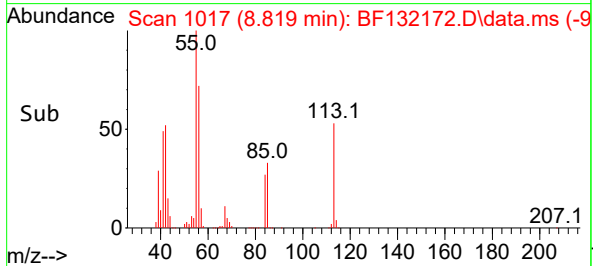
56 136.4 122.0 162.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#36

4-Chloro-3-methylphenol

Concen: 45.475 ng

RT: 8.913 min Scan# 1033

Delta R.T. 0.000 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

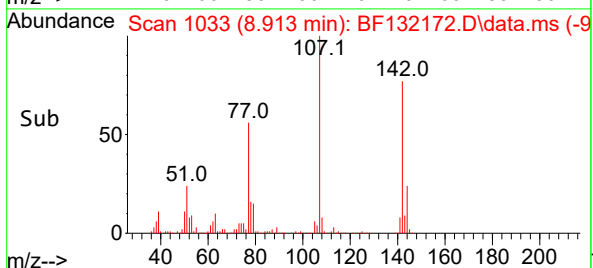
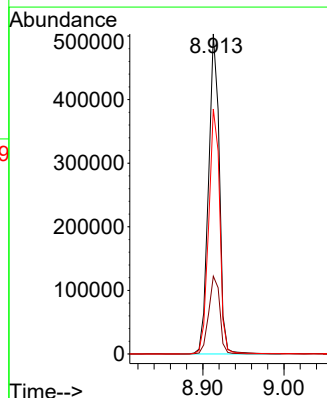
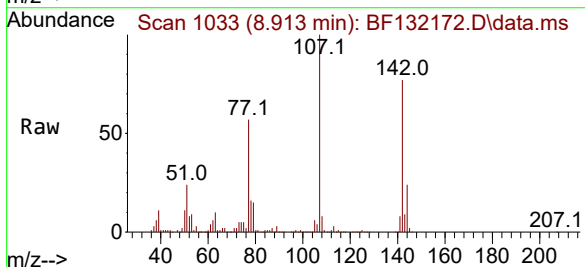
Tgt Ion:107 Resp: 463852

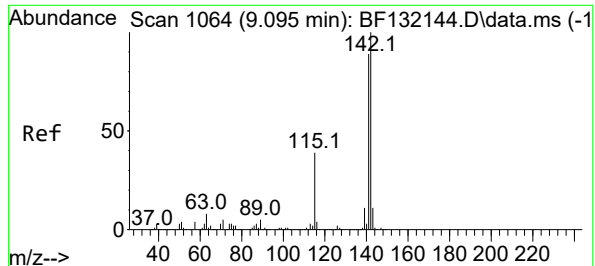
Ion Ratio Lower Upper

107 100

144 24.3 21.0 31.4

142 76.5 63.6 95.4





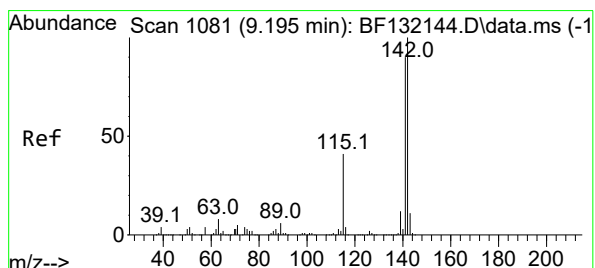
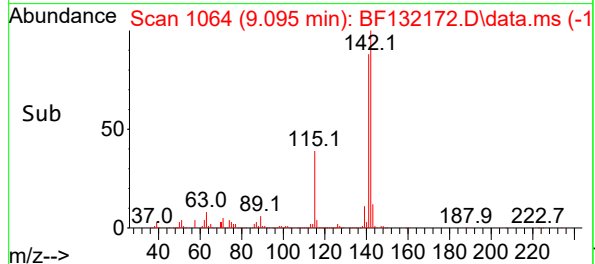
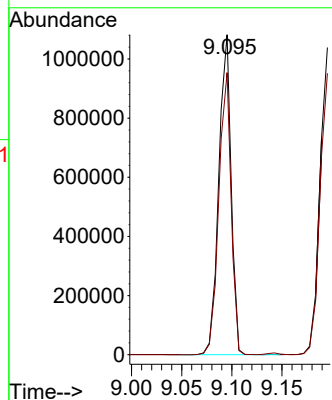
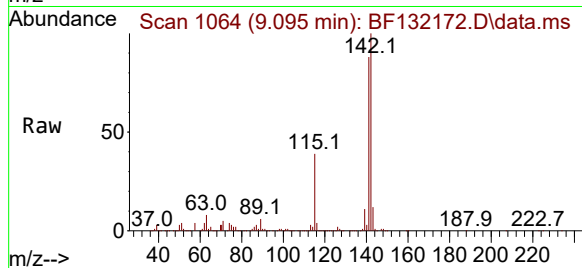
#37
2-Methylnaphthalene
Concen: 39.031 ng
RT: 9.095 min Scan# 1064
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

Instrument :
BNA_F
ClientSampleId :
B-P34AMSD

Tgt Ion:142 Resp: 92454
Ion Ratio Lower Upper
142 100
141 88.1 71.1 106.7

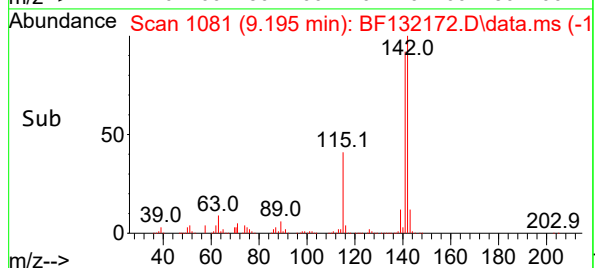
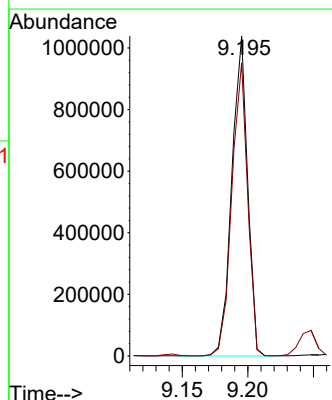
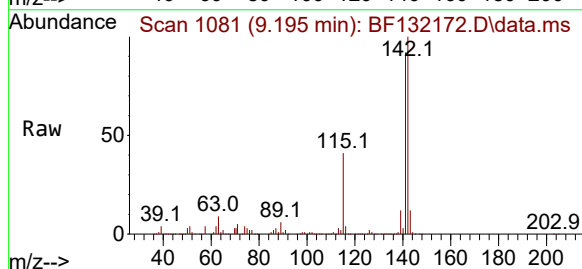
Manual Integrations
APPROVED

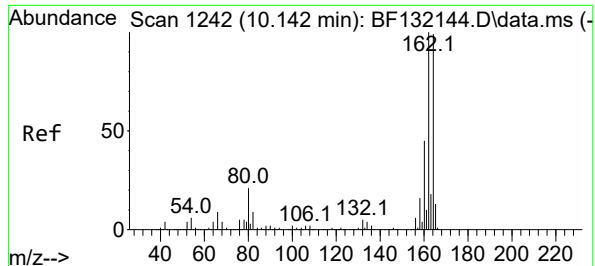
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#38
1-Methylnaphthalene
Concen: 39.530 ng
RT: 9.195 min Scan# 1081
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

Tgt Ion:142 Resp: 871246
Ion Ratio Lower Upper
142 100
141 91.6 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.142 min Scan# 1242

Delta R.T. 0.000 min

Lab File: BF132172.D

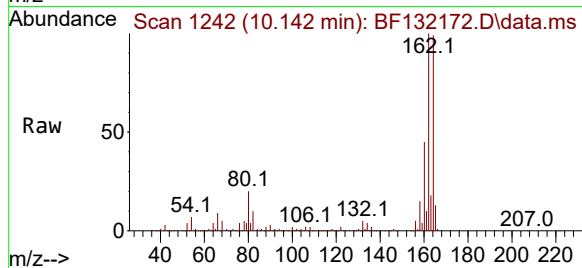
Acq: 20 Jan 2023 21:08

Instrument :

BNA_F

ClientSampleId :

B-P34AMSD



Tgt Ion:164 Resp: 363370

Ion Ratio Lower Upper

164 100

162 101.4 81.2 121.8

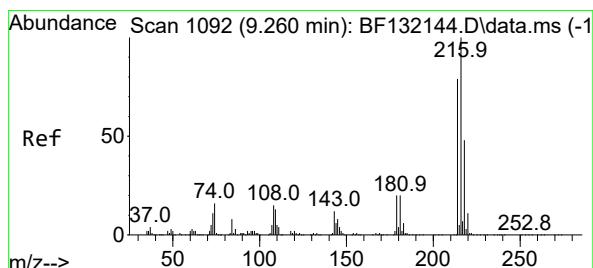
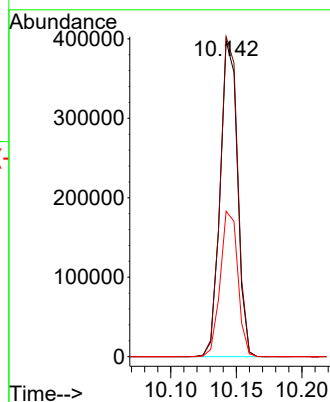
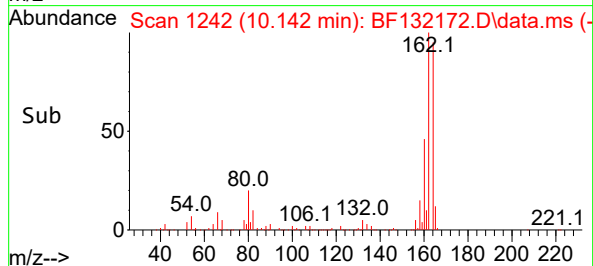
160 46.1 36.9 55.3

Manual Integrations

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Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.340 ng

RT: 9.260 min Scan# 1092

Delta R.T. 0.000 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

Tgt Ion:216 Resp: 497372

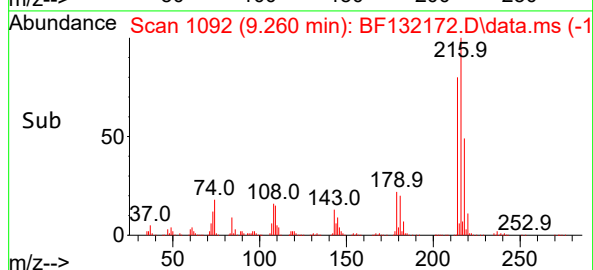
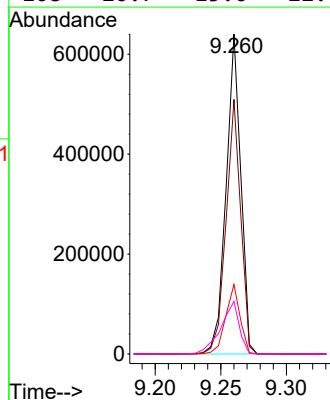
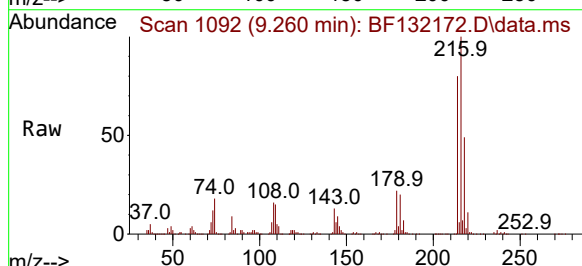
Ion Ratio Lower Upper

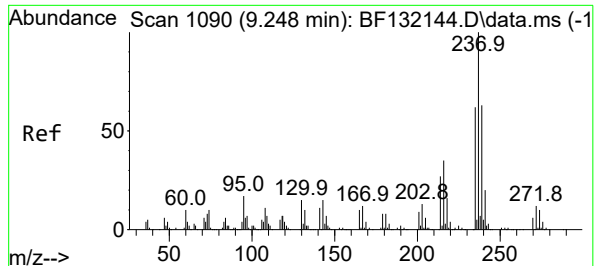
216 100

214 79.2 63.1 94.7

179 21.2 16.6 24.8

108 20.7 15.0 22.4





#41

Hexachlorocyclopentadiene

Concen: 93.842 ng

RT: 9.248 min Scan# 1090

Delta R.T. 0.000 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

Instrument :

BNA_F

ClientSampleId :

B-P34AMSD

Tgt Ion:237 Resp: 64742

Ion Ratio Lower Upper

237 100

235 62.0 41.7 81.7

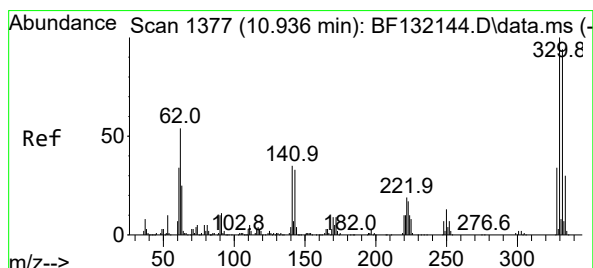
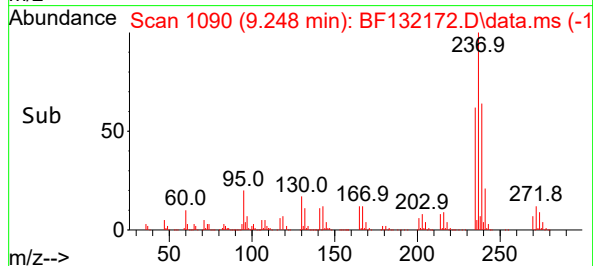
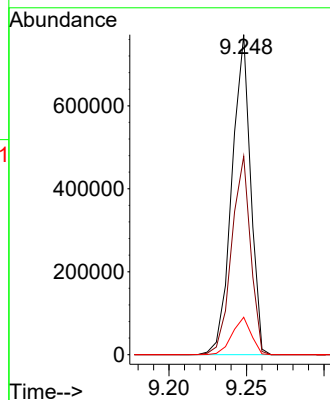
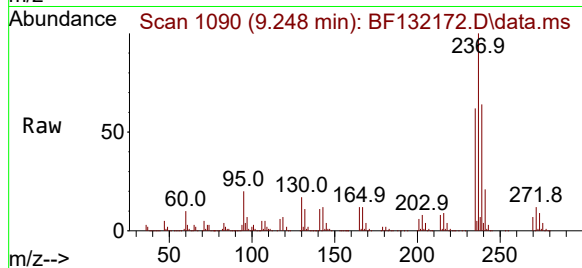
272 11.7 0.0 32.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#42

2,4,6-Tribromophenol

Concen: 130.751 ng

RT: 10.942 min Scan# 1378

Delta R.T. 0.006 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

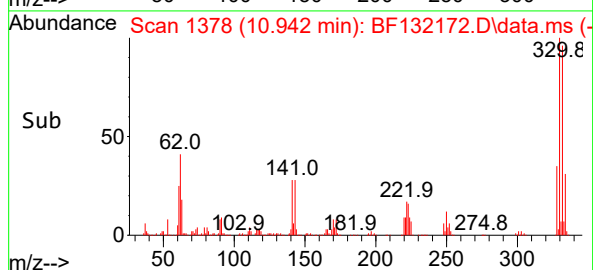
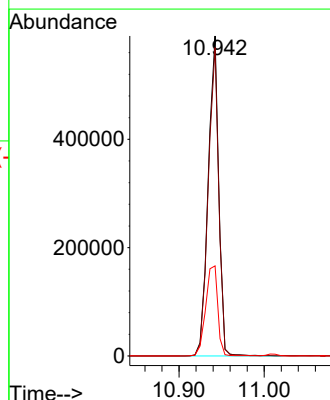
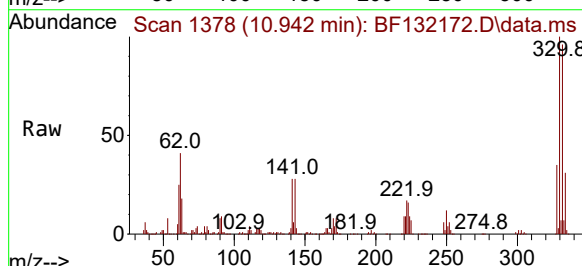
Tgt Ion:330 Resp: 507491

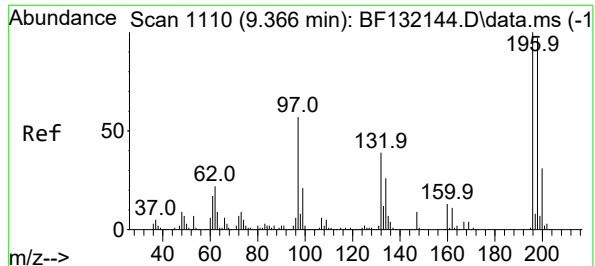
Ion Ratio Lower Upper

330 100

332 96.5 75.6 113.4

141 32.3 27.1 40.7





#43

2,4,6-Trichlorophenol

Concen: 44.470 ng

RT: 9.366 min Scan# 1110

Delta R.T. 0.000 min

Lab File: BF132172.D

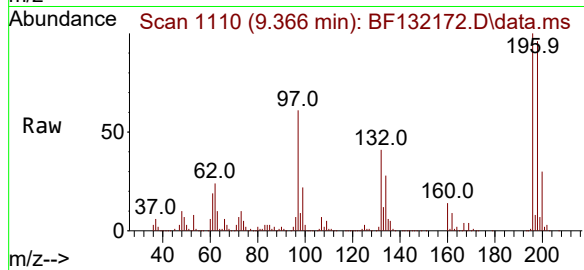
Acq: 20 Jan 2023 21:08

Instrument :

BNA_F

ClientSampleId :

B-P34AMSD



Tgt Ion:196 Resp: 348929

Ion Ratio Lower Upper

196 100

198 95.5 77.4 116.2

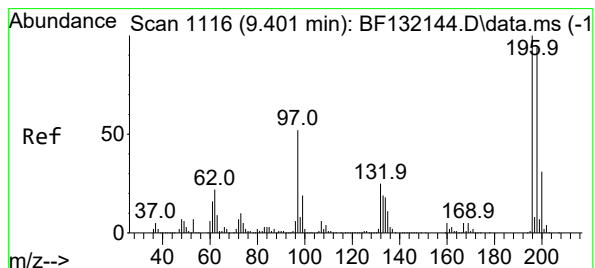
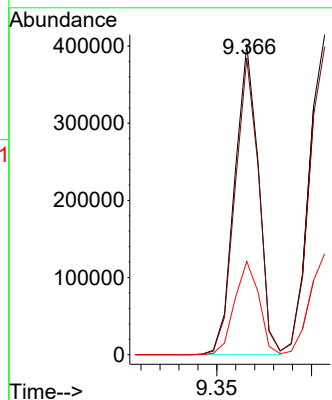
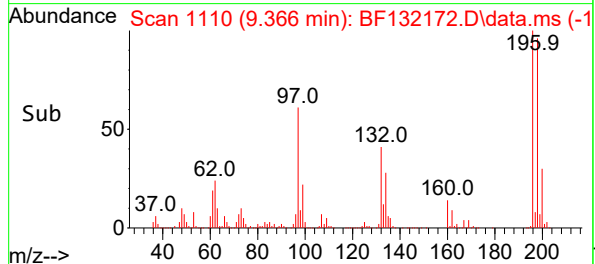
200 30.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#44

2,4,5-Trichlorophenol

Concen: 41.079 ng

RT: 9.407 min Scan# 1117

Delta R.T. 0.006 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

Tgt Ion:196 Resp: 376966

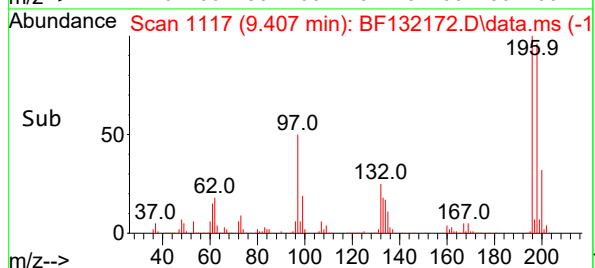
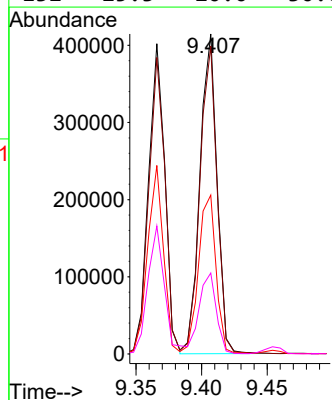
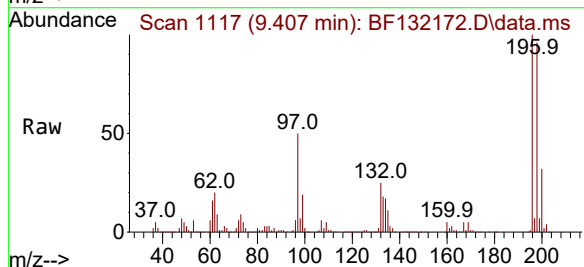
Ion Ratio Lower Upper

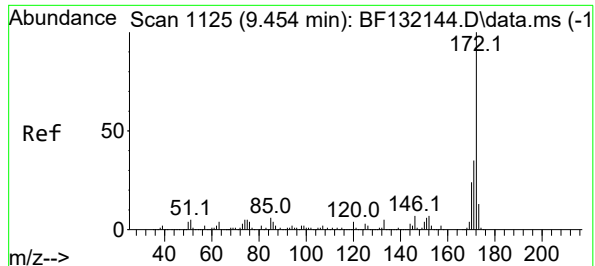
196 100

198 96.3 75.3 112.9

97 49.7 41.3 61.9

132 25.3 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 66.077 ng

RT: 9.454 min Scan# 1125

Delta R.T. 0.000 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

Instrument :

BNA_F

ClientSampleId :

B-P34AMSD

Tgt Ion:172 Resp: 164317

Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.2

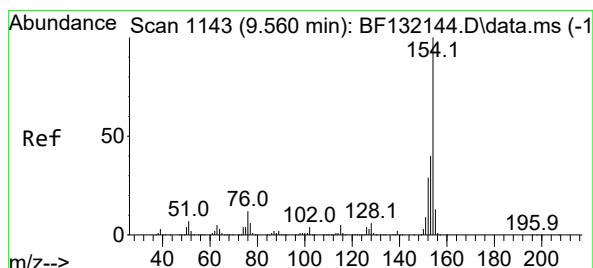
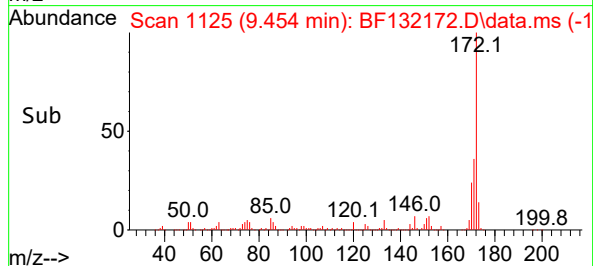
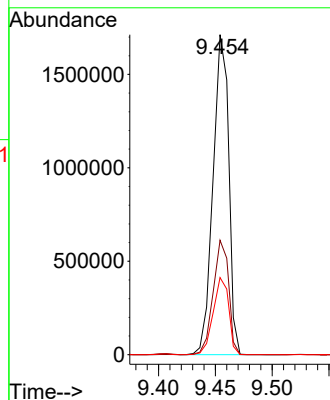
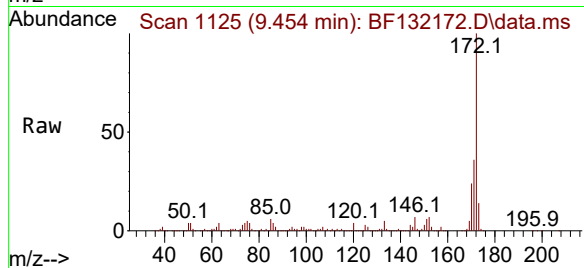
170 24.1 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#46

1,1'-Biphenyl

Concen: 40.032 ng

RT: 9.560 min Scan# 1143

Delta R.T. -0.000 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

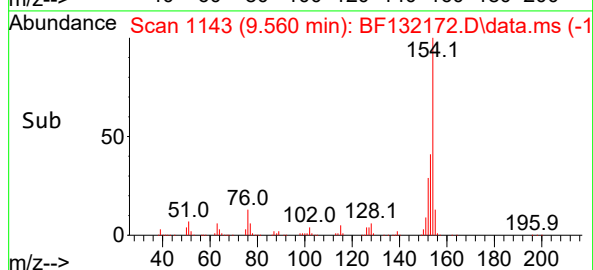
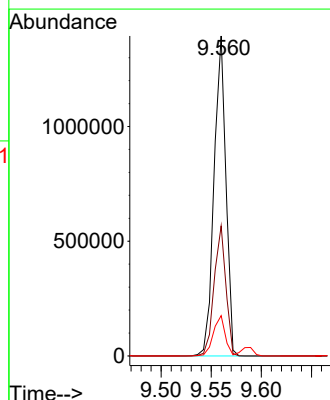
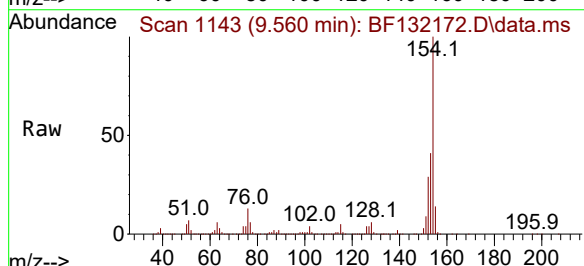
Tgt Ion:154 Resp: 1147607

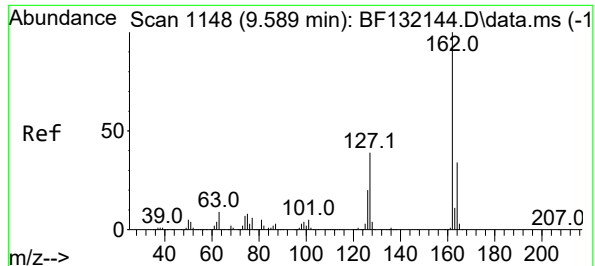
Ion Ratio Lower Upper

154 100

153 40.7 20.2 60.2

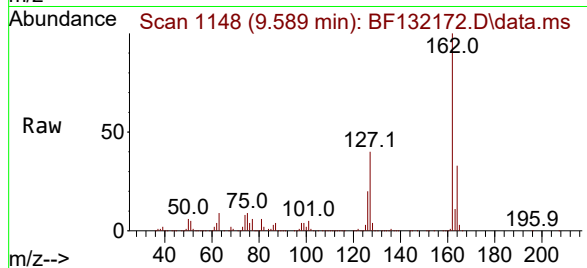
76 12.6 0.0 32.2





#47
2-Chloronaphthalene
Concen: 41.054 ng
RT: 9.589 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

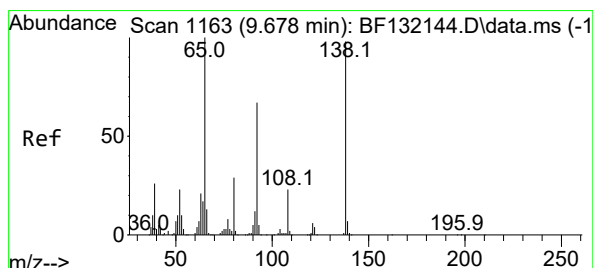
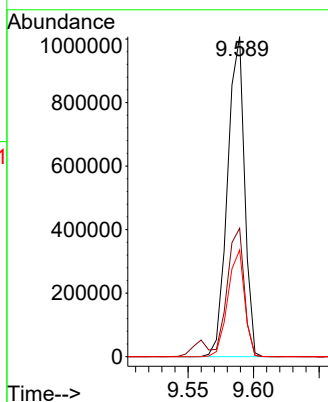
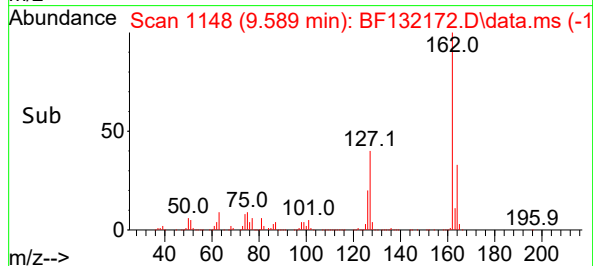
Instrument :
BNA_F
ClientSampleId :
B-P34AMSD



Tgt Ion:162 Resp: 90979
Ion Ratio Lower Upper
162 100
127 40.1 31.1 46.7
164 33.3 26.9 40.3

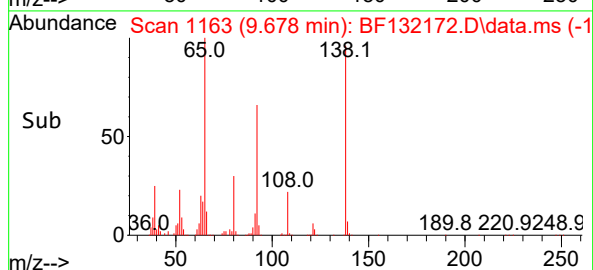
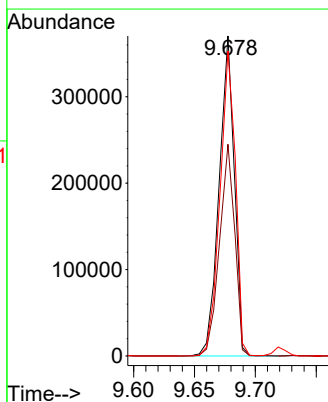
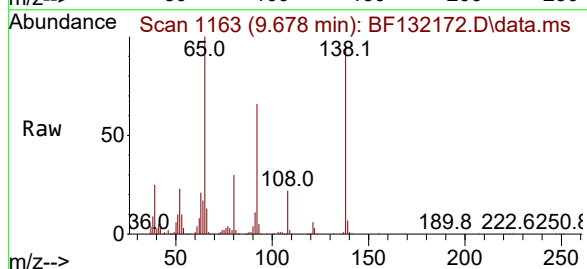
Manual Integrations
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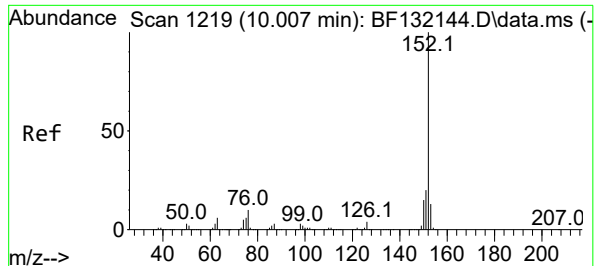
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#48
2-Nitroaniline
Concen: 45.649 ng
RT: 9.678 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

Tgt Ion: 65 Resp: 322574
Ion Ratio Lower Upper
65 100
92 66.2 53.8 80.6
138 95.3 78.7 118.1





#49

Acenaphthylene

Concen: 40.685 ng

RT: 10.007 min Scan# 1193

Delta R.T. 0.000 min

Lab File: BF132172.D

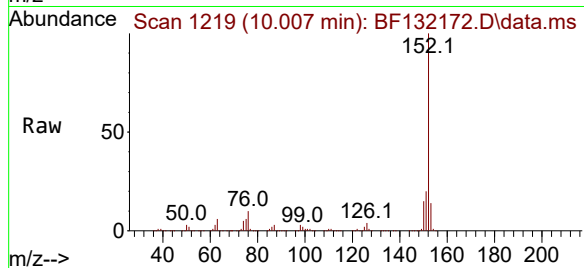
Acq: 20 Jan 2023 21:08

Instrument :

BNA_F

ClientSampleId :

B-P34AMSD



Tgt Ion:152 Resp: 144234

Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6

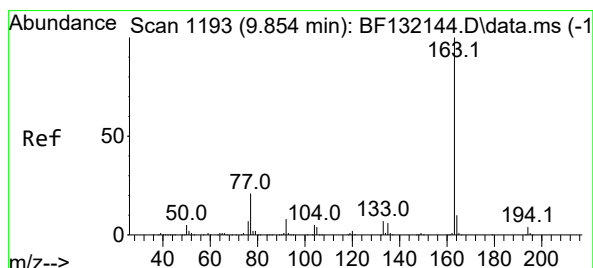
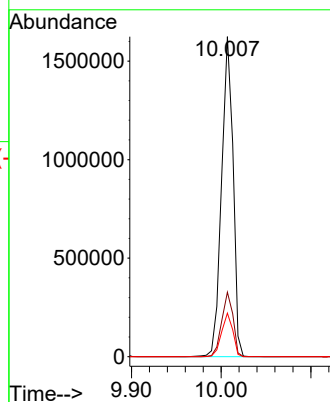
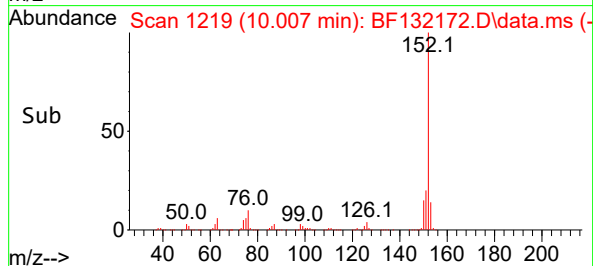
153 13.6 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#50

Dimethylphthalate

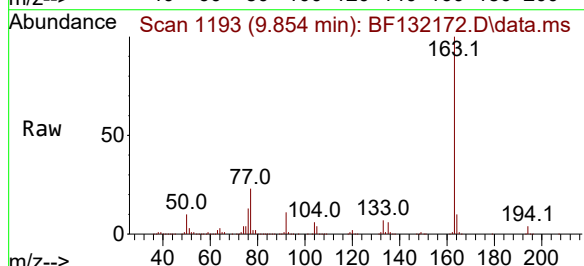
Concen: 41.405 ng

RT: 9.854 min Scan# 1193

Delta R.T. 0.000 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08



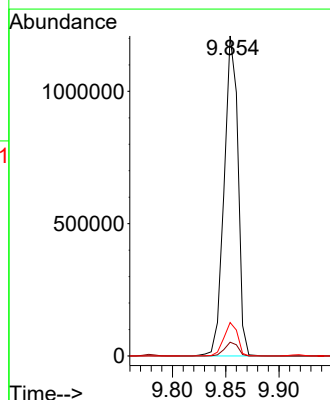
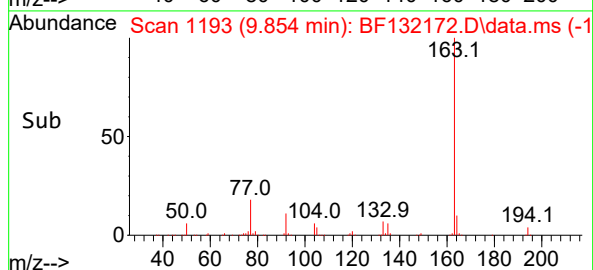
Tgt Ion:163 Resp: 1089664

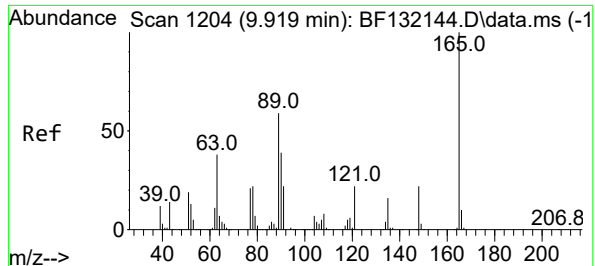
Ion Ratio Lower Upper

163 100

194 4.3 3.1 4.7

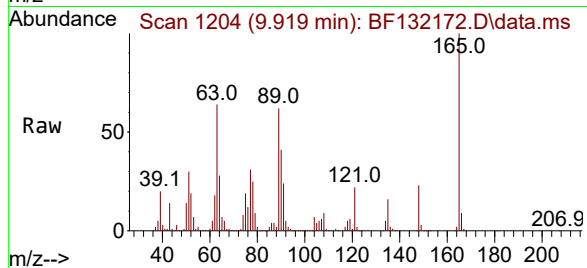
164 10.5 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 49.258 ng
RT: 9.919 min Scan# 1204
Delta R.T. -0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

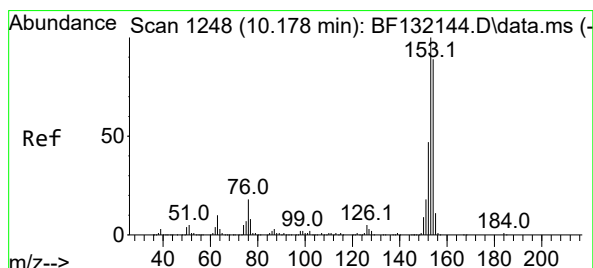
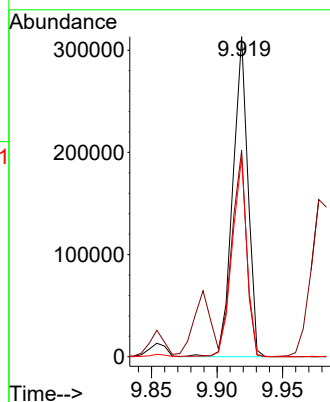
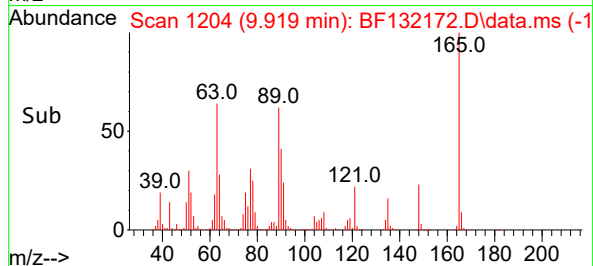
Instrument :
BNA_F
ClientSampleId :
B-P34AMSD



Tgt Ion:165 Resp: 25126
Ion Ratio Lower Upper
165 100
63 64.5 46.6 70.0
89 62.5 47.4 71.2

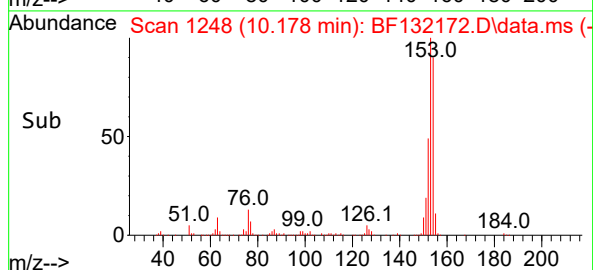
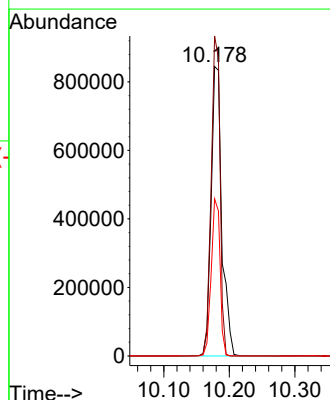
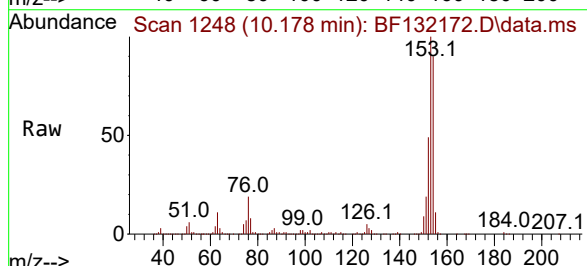
Manual Integrations
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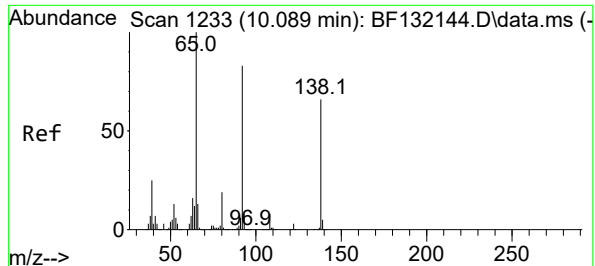
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#52
Acenaphthene
Concen: 45.122 ng
RT: 10.178 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

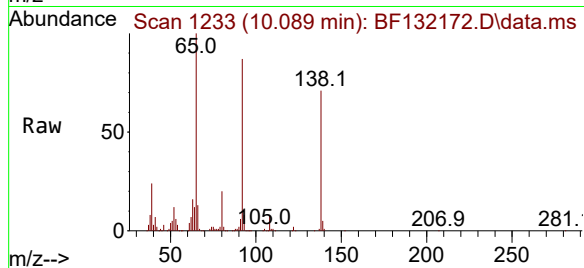
Tgt Ion:154 Resp: 962180
Ion Ratio Lower Upper
154 100
153 110.6 89.8 134.8
152 54.3 42.3 63.5





#53
3-Nitroaniline
Concen: 31.502 ng
RT: 10.089 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

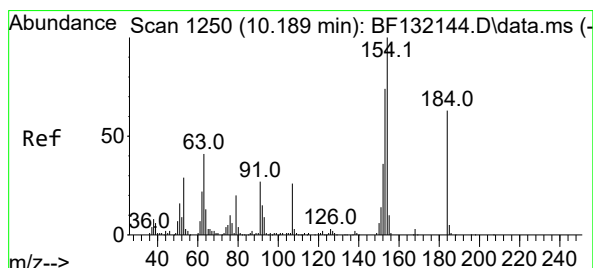
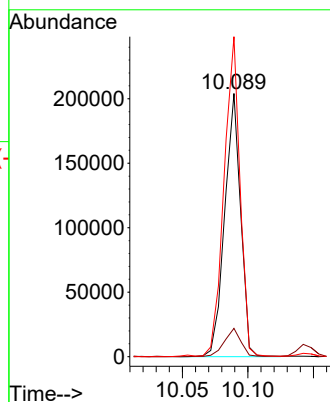
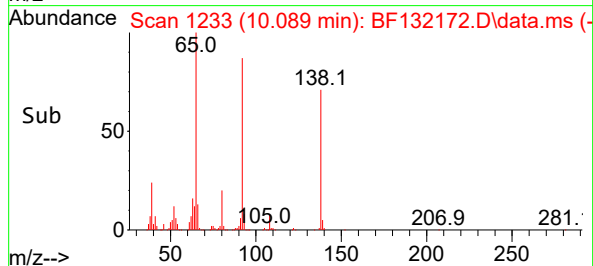
Instrument :
BNA_F
ClientSampleId :
B-P34AMSD



Tgt Ion:138 Resp: 171804
Ion Ratio Lower Upper
138 100
108 10.8 9.1 13.7
92 121.6 101.2 151.8

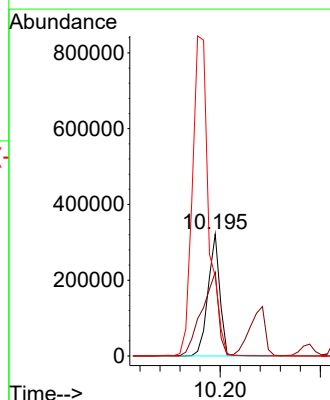
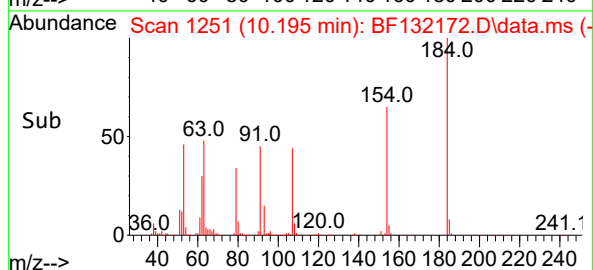
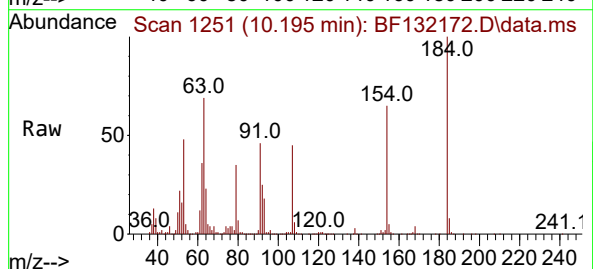
Manual Integrations
APPROVED

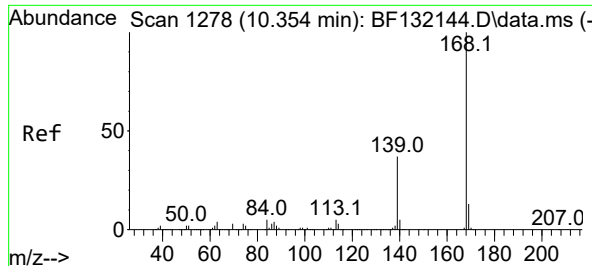
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#54
2,4-Dinitrophenol
Concen: 108.931 ng
RT: 10.195 min Scan# 1251
Delta R.T. 0.006 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

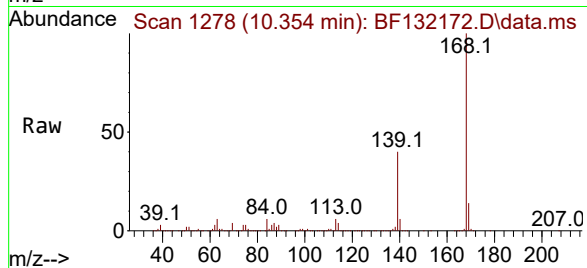
Tgt Ion:184 Resp: 264179
Ion Ratio Lower Upper
184 100
63 68.6 53.2 79.8
154 65.4 129.4 194.0#





#55
Dibenzenofuran
Concen: 39.795 ng
RT: 10.354 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

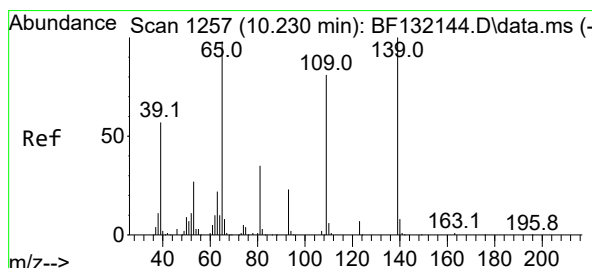
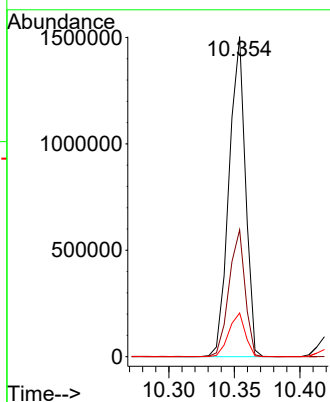
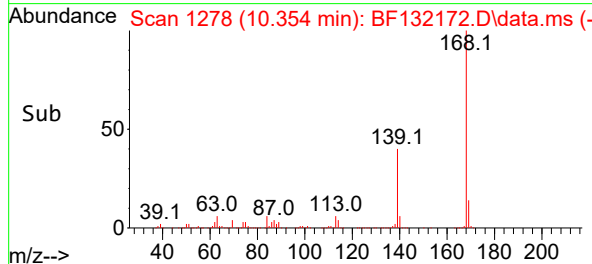
Instrument :
BNA_F
ClientSampleId :
B-P34AMSD



Tgt Ion:168 Resp: 131139
Ion Ratio Lower Upper
168 100
139 39.7 29.8 44.8
169 13.7 10.3 15.5

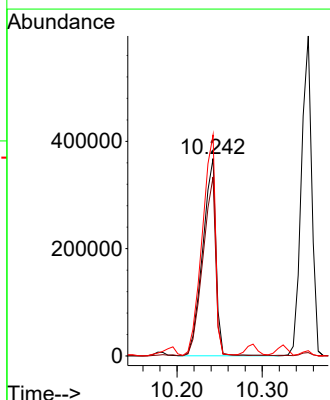
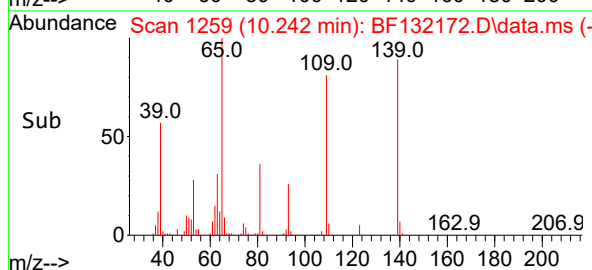
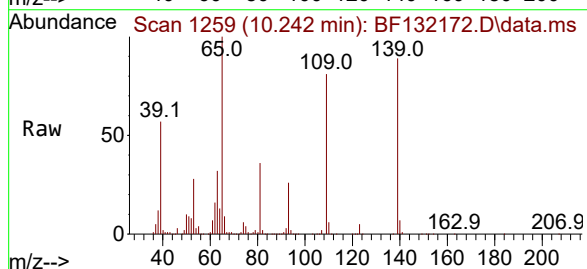
Manual Integrations
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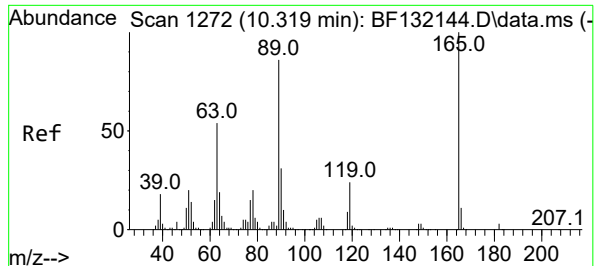
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#56
4-Nitrophenol
Concen: 100.269 ng
RT: 10.242 min Scan# 1259
Delta R.T. 0.012 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

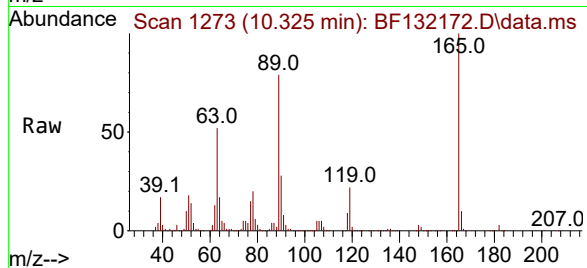
Tgt Ion:139 Resp: 397985
Ion Ratio Lower Upper
139 100
109 90.6 61.0 101.0
65 112.0 79.3 119.3





#57
2,4-Dinitrotoluene
Concen: 53.885 ng
RT: 10.325 min Scan# 1273
Delta R.T. 0.006 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

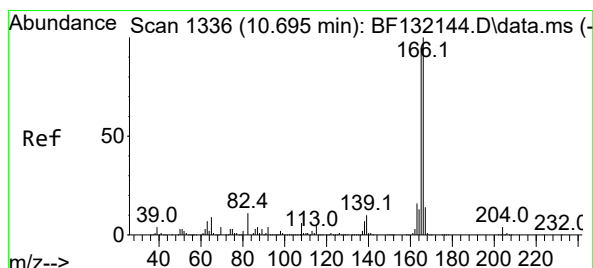
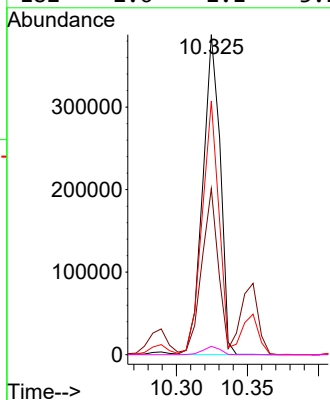
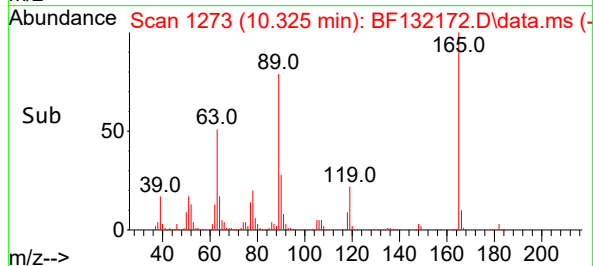
Instrument :
BNA_F
ClientSampleId :
B-P34AMSD



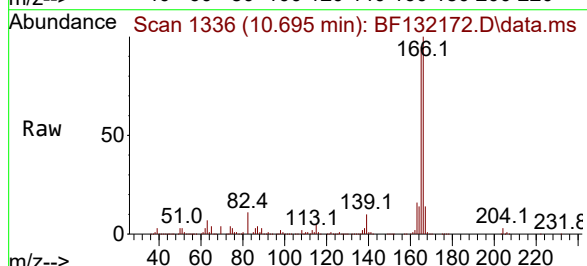
Tgt Ion:165 Resp: 32993
Ion Ratio Lower Upper
165 100
63 51.9 43.5 65.3
89 79.2 69.0 103.6
182 2.6 2.1 3.1

Manual Integrations
APPROVED

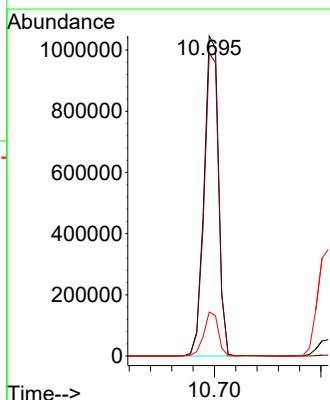
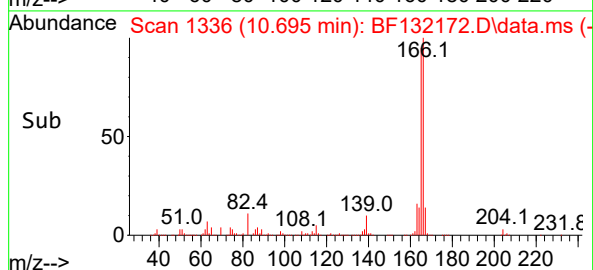
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

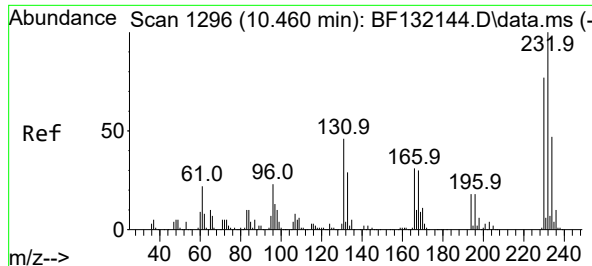


#58
Fluorene
Concen: 40.552 ng
RT: 10.695 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08



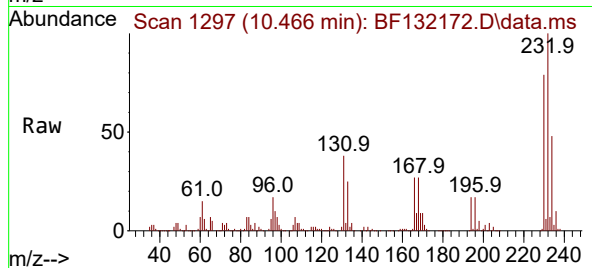
Tgt Ion:166 Resp: 990200
Ion Ratio Lower Upper
166 100
165 94.6 76.4 114.6
167 13.8 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.282 ng
RT: 10.466 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

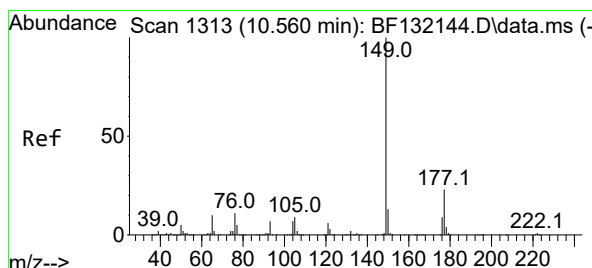
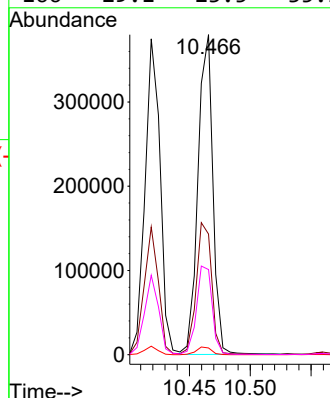
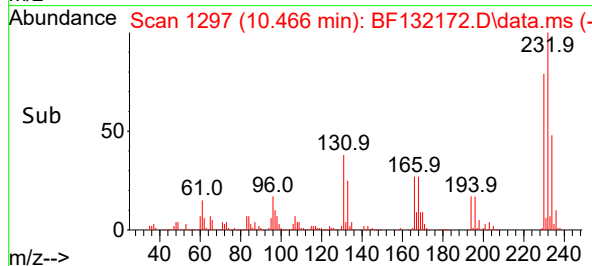
Instrument :
BNA_F
ClientSampleId :
B-P34AMSD



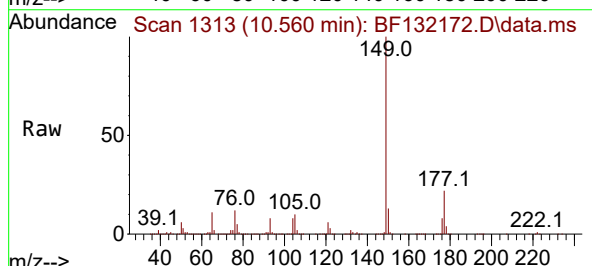
Tgt Ion:232 Resp: 32307
Ion Ratio Lower Upper
232 100
131 42.5 33.8 50.6
130 2.4 1.9 2.9
166 29.1 23.5 35.3

Manual Integrations
APPROVED

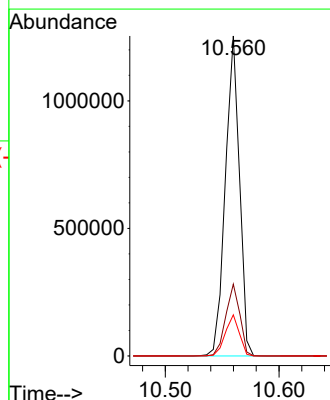
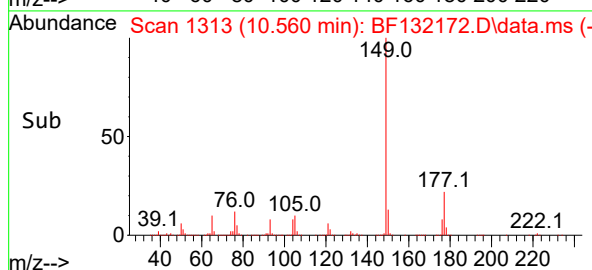
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

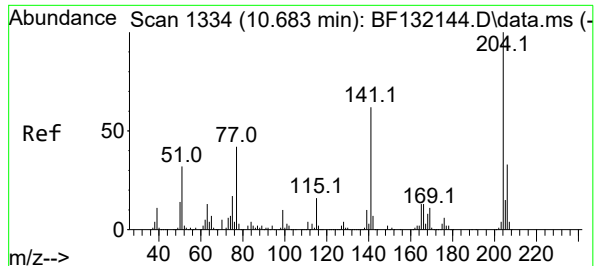


#60
Diethylphthalate
Concen: 41.919 ng
RT: 10.560 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08



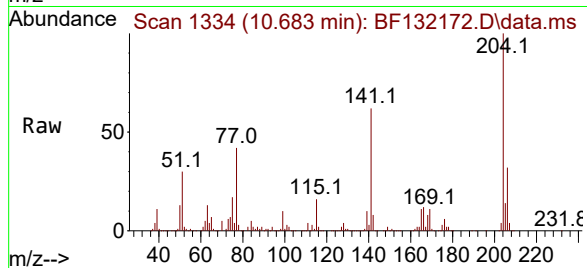
Tgt Ion:149 Resp: 1081834
Ion Ratio Lower Upper
149 100
177 22.4 18.4 27.6
150 12.9 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 40.480 ng
RT: 10.683 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

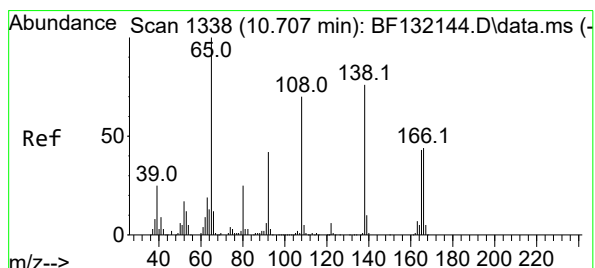
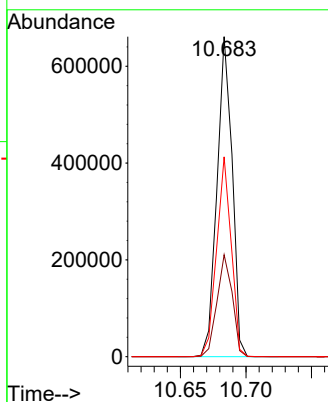
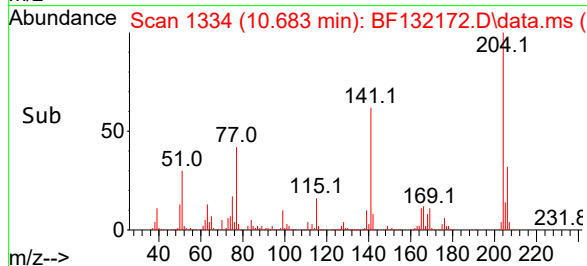
Instrument :
BNA_F
ClientSampleId :
B-P34AMSD



Tgt Ion:204 Resp: 529280
Ion Ratio Lower Upper
204 100
206 31.9 26.4 39.6
141 62.5 49.2 73.8

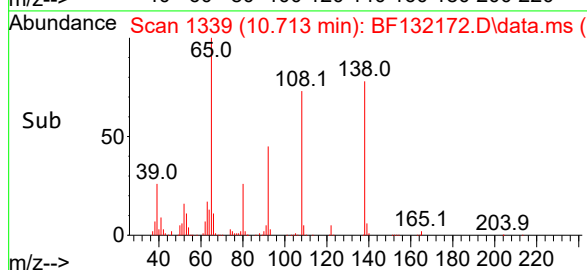
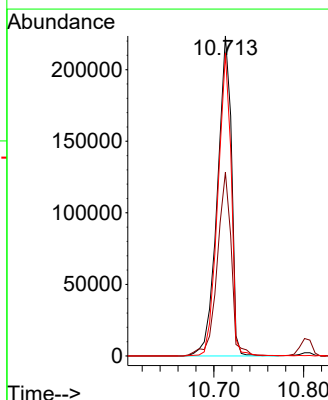
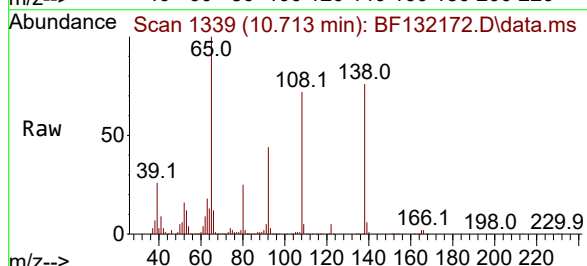
Manual Integrations
APPROVED

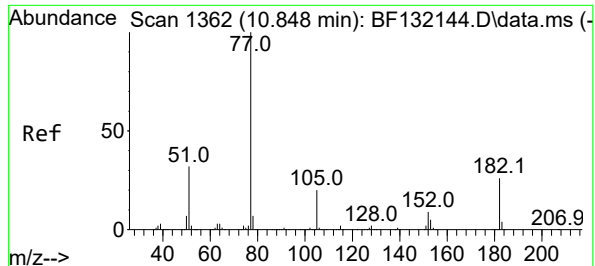
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#62
4-Nitroaniline
Concen: 48.187 ng
RT: 10.713 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

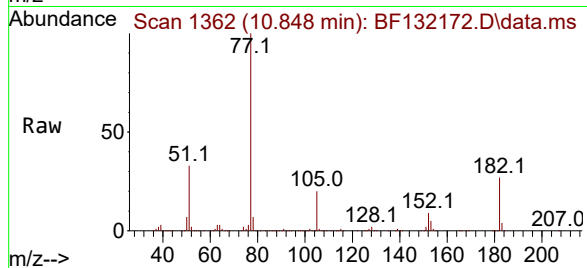
Tgt Ion:138 Resp: 244667
Ion Ratio Lower Upper
138 100
92 57.4 35.9 75.9
108 94.5 72.0 112.0





#63
Azobenzene
Concen: 52.226 ng
RT: 10.848 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

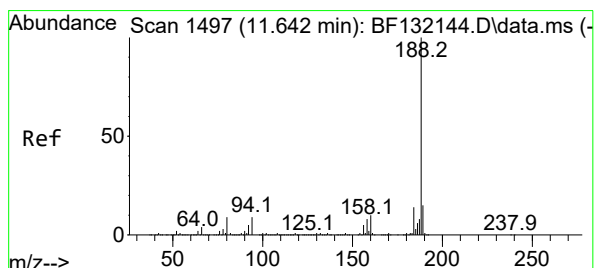
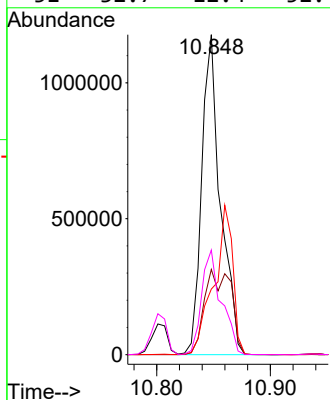
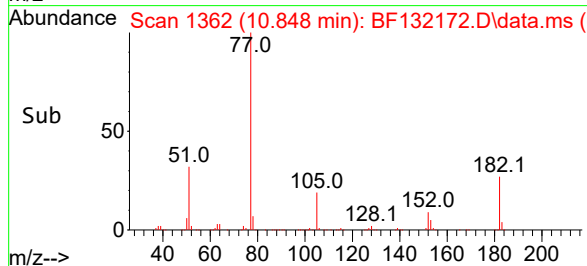
Instrument :
BNA_F
ClientSampleId :
B-P34AMSD



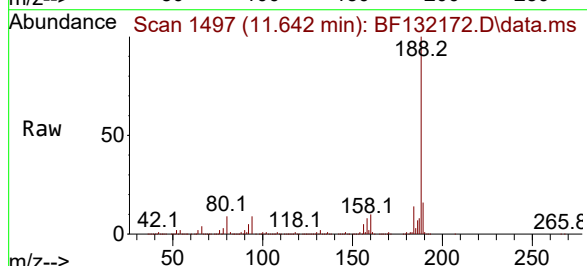
Tgt Ion: 77 Resp: 1352710
Ion Ratio Lower Upper
77 100
182 26.7 6.4 46.4
105 20.5 0.0 39.8
51 32.7 12.4 52.4

Manual Integrations
APPROVED

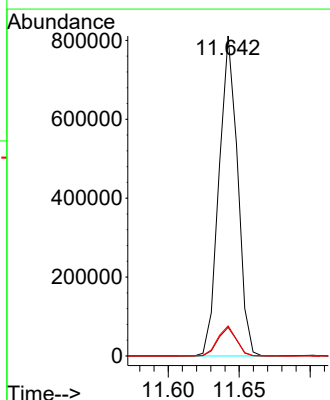
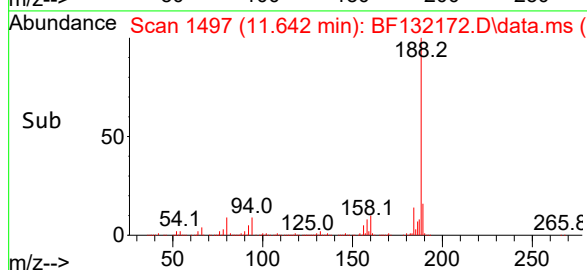
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

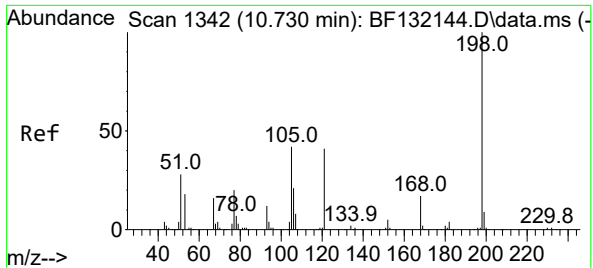


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.642 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08



Tgt Ion:188 Resp: 736982
Ion Ratio Lower Upper
188 100
94 8.9 6.9 10.3
80 9.4 7.5 11.3





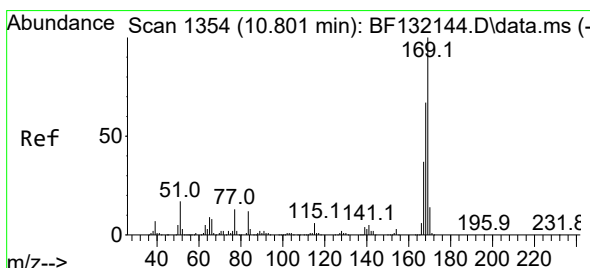
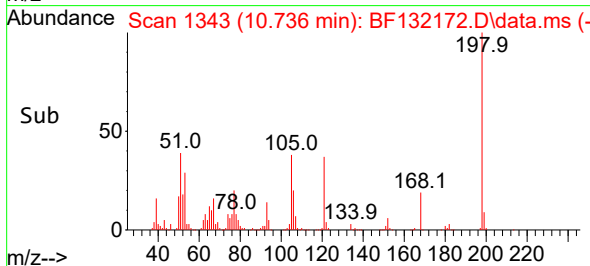
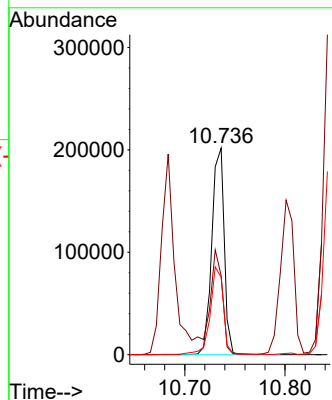
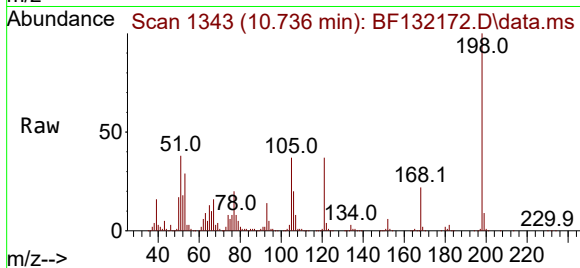
#65
4,6-Dinitro-2-methylphenol
Concen: 48.068 ng
RT: 10.736 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

Instrument :
BNA_F
ClientSampleId :
B-P34AMSD

Tgt Ion:198 Resp: 174000
Ion Ratio Lower Upper
198 100
51 38.3 24.3 64.3
105 37.4 23.3 63.3

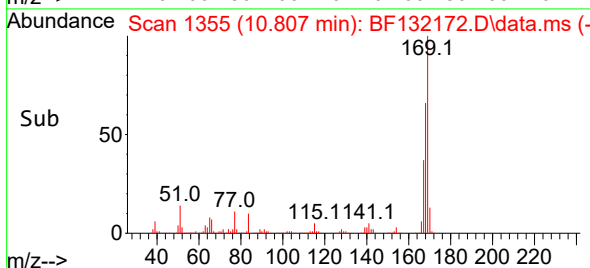
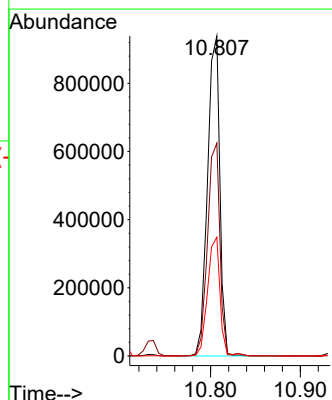
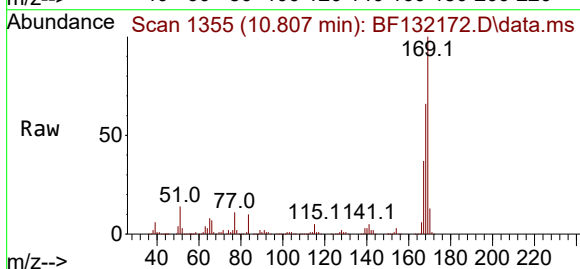
Manual Integrations
APPROVED

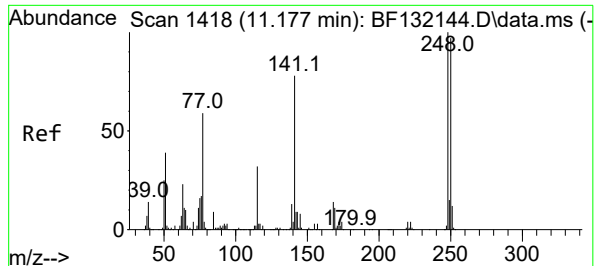
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#66
n-Nitrosodiphenylamine
Concen: 37.768 ng
RT: 10.807 min Scan# 1355
Delta R.T. 0.006 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

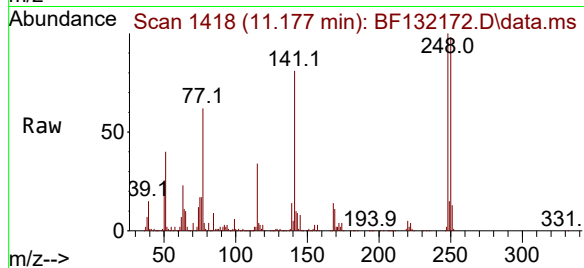
Tgt Ion:169 Resp: 891433
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.0
167 37.1 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 38.207 ng
RT: 11.177 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

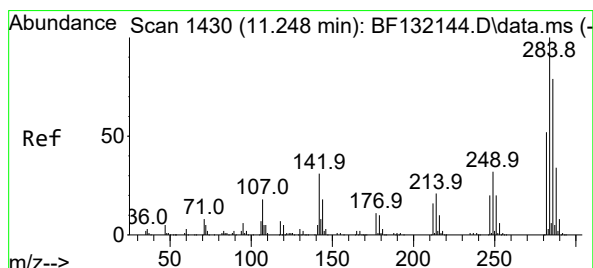
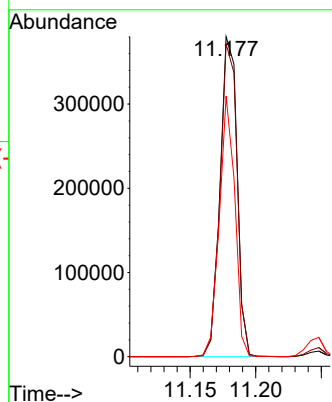
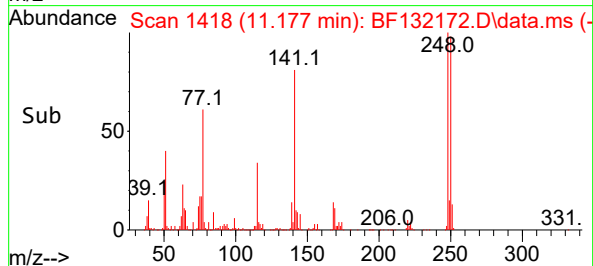
Instrument :
BNA_F
ClientSampleId :
B-P34AMSD



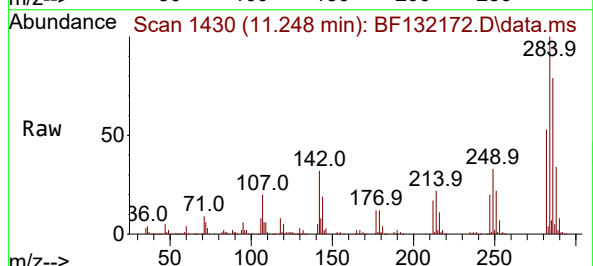
Tgt Ion:248 Resp: 343215
Ion Ratio Lower Upper
248 100
250 97.7 77.4 116.0
141 81.4 62.2 93.2

Manual Integrations
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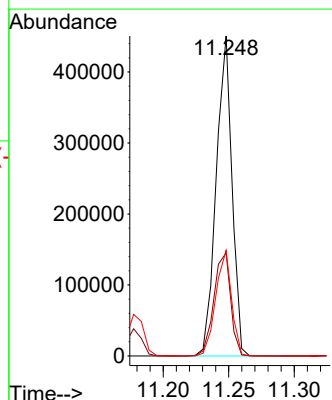
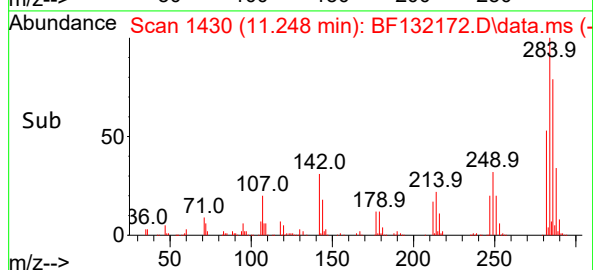
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

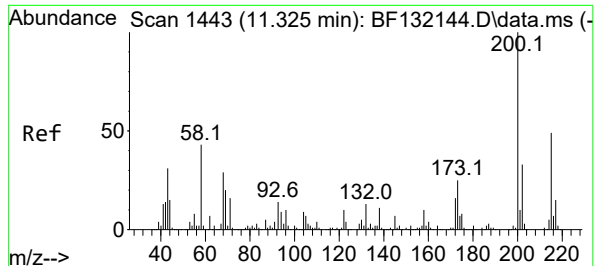


#68
Hexachlorobenzene
Concen: 42.208 ng
RT: 11.248 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08



Tgt Ion:284 Resp: 376827
Ion Ratio Lower Upper
284 100
142 32.2 24.7 37.1
249 33.0 25.6 38.4





#69

Atrazine

Concen: 45.307 ng

RT: 11.330 min Scan# 1444

Delta R.T. 0.006 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

Instrument :

BNA_F

ClientSampleId :

B-P34AMSD

Tgt Ion:200 Resp: 32993

Ion Ratio Lower Upper

200 100

173 24.2 5.0 45.0

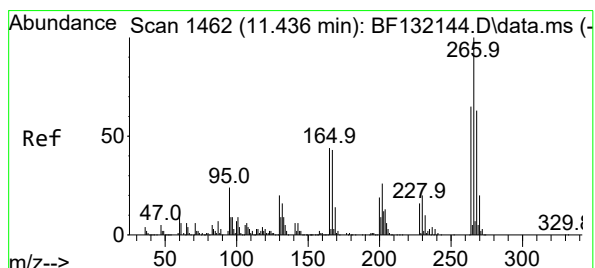
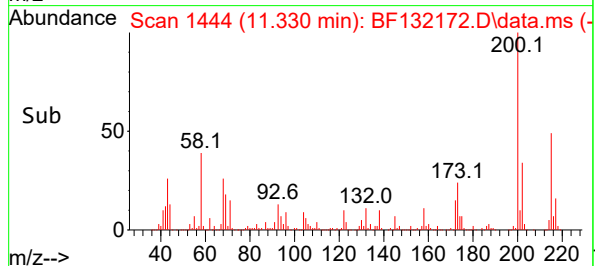
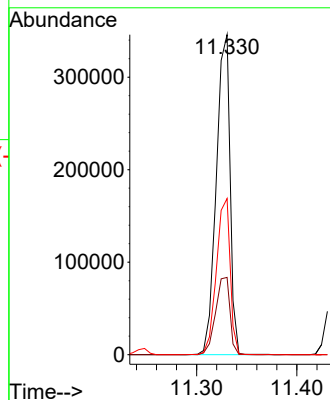
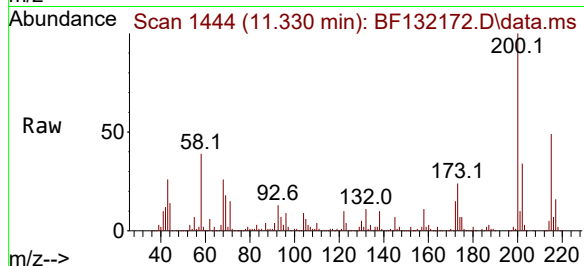
215 48.8 28.6 68.6

Manual Integrations

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Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#70

Pentachlorophenol

Concen: 78.244 ng

RT: 11.442 min Scan# 1463

Delta R.T. 0.006 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

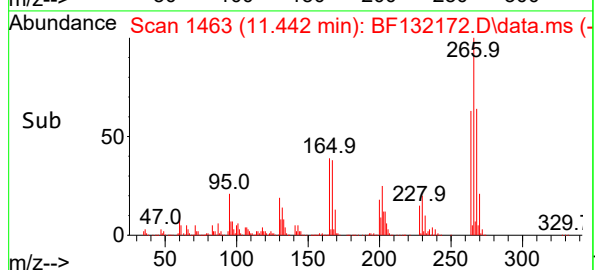
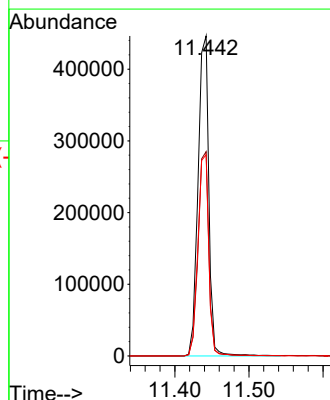
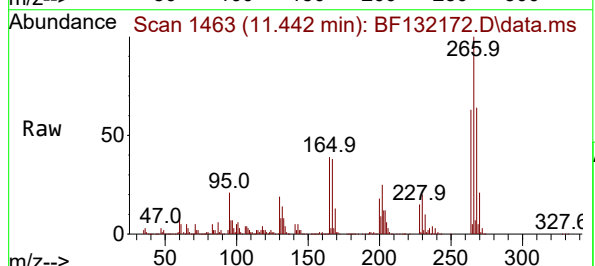
Tgt Ion:266 Resp: 448896

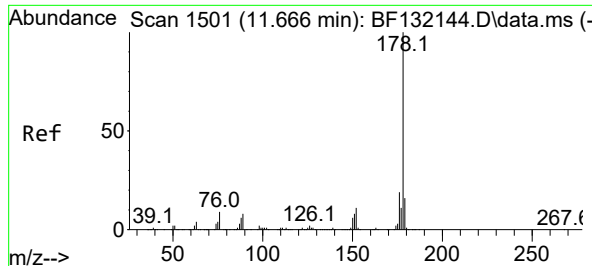
Ion Ratio Lower Upper

266 100

268 63.8 50.8 76.2

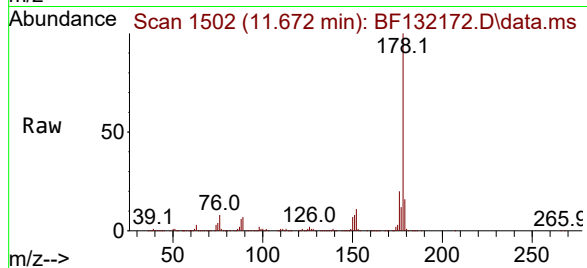
264 62.9 52.3 78.5





#71
Phenanthrene
Concen: 39.042 ng
RT: 11.672 min Scan# 1501
Delta R.T. 0.006 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

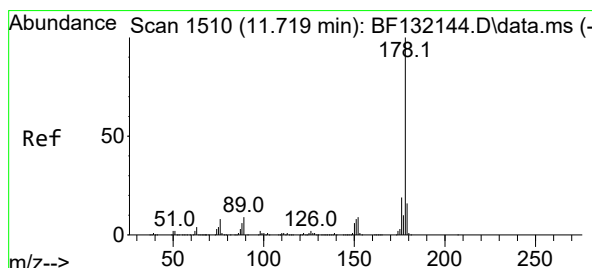
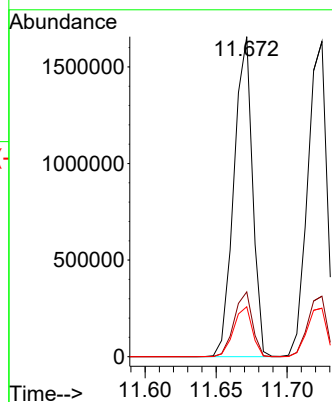
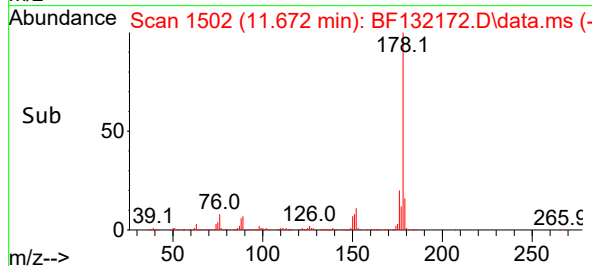
Instrument :
BNA_F
ClientSampleId :
B-P34AMSD



Tgt Ion:178 Resp: 1509959
Ion Ratio Lower Upper
178 100
176 20.3 15.5 23.3
179 15.6 12.6 19.0

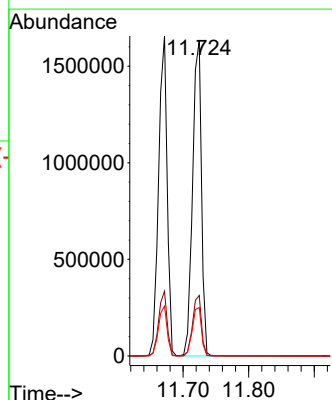
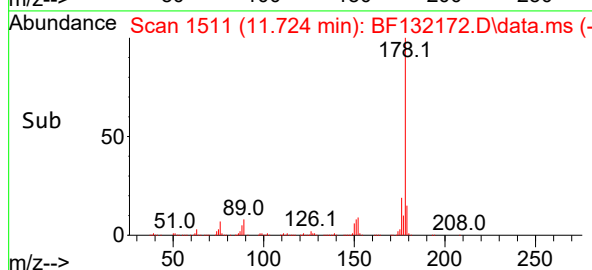
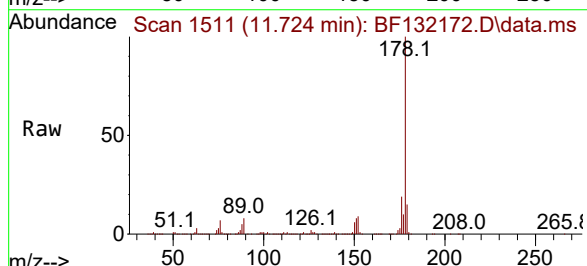
Manual Integrations
APPROVED

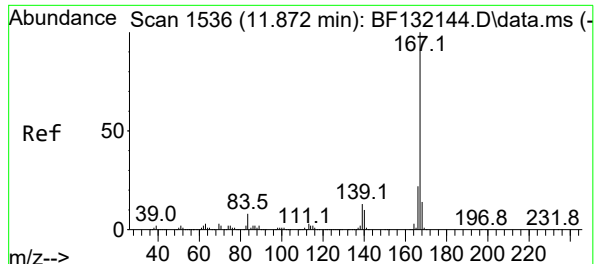
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#72
Anthracene
Concen: 39.234 ng
RT: 11.724 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

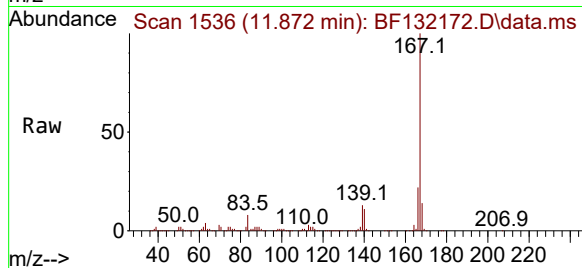
Tgt Ion:178 Resp: 1535077
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.4 12.6 18.8





#73
 Carbazole
 Concen: 42.070 ng
 RT: 11.872 min Scan# 1536
 Delta R.T. 0.000 min
 Lab File: BF132172.D
 Acq: 20 Jan 2023 21:08

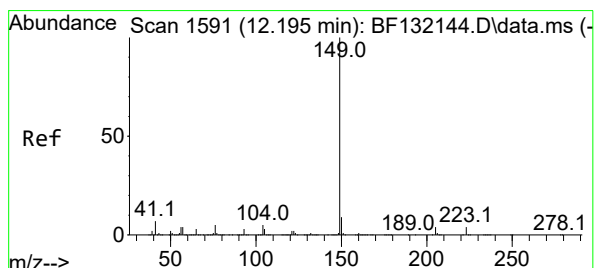
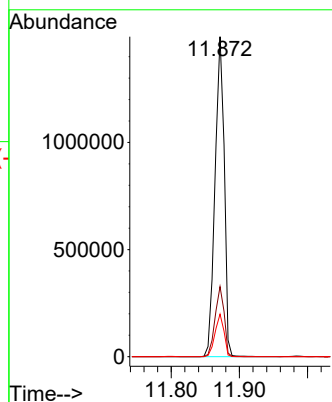
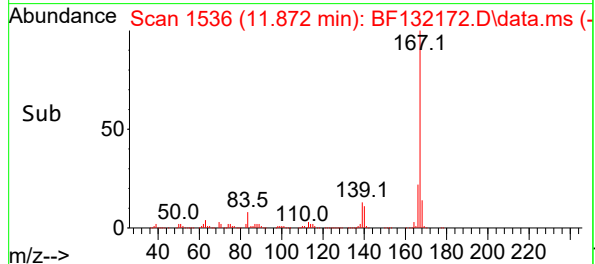
Instrument :
 BNA_F
 ClientSampleId :
 B-P34AMSD



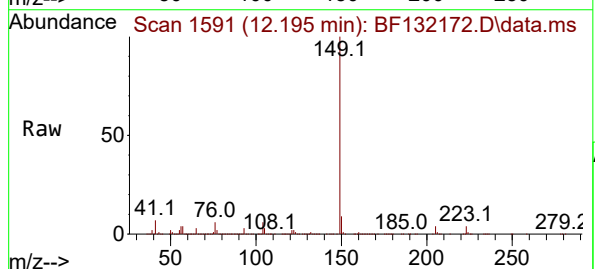
Tgt Ion:167 Resp: 1406032
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.7 26.5
 139 13.3 10.5 15.7

Manual Integrations
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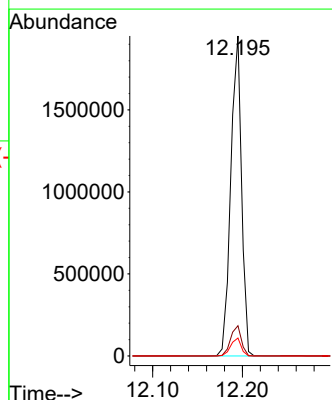
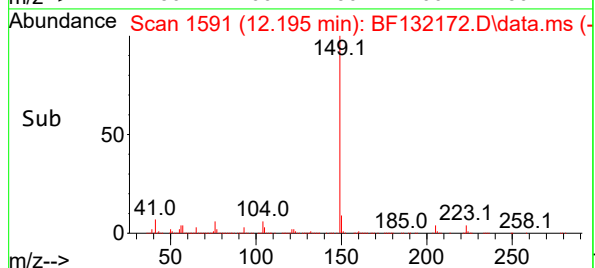
Reviewed By :Christian Giraldo 01/23/2023
 Supervised By :Jagrut Upadhyay 01/23/2023

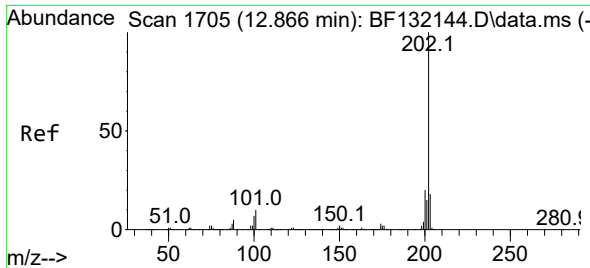


#74
 Di-n-butylphthalate
 Concen: 43.651 ng
 RT: 12.195 min Scan# 1591
 Delta R.T. 0.000 min
 Lab File: BF132172.D
 Acq: 20 Jan 2023 21:08



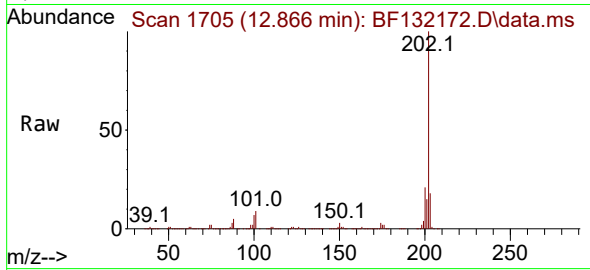
Tgt Ion:149 Resp: 1624073
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 5.6 4.3 6.5





#75
Fluoranthene
Concen: 42.551 ng
RT: 12.866 min Scan# 1705
Delta R.T. -0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

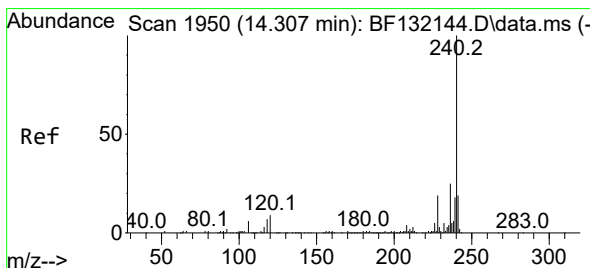
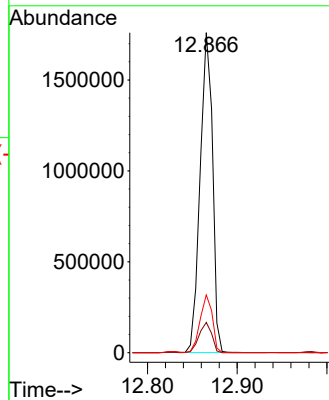
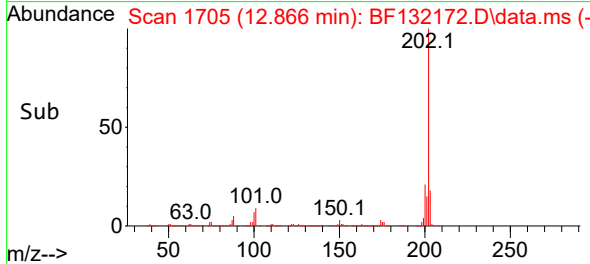
Instrument :
BNA_F
ClientSampleId :
B-P34AMSD



Tgt Ion:202 Resp: 1690433
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.6
203 18.1 0.0 37.9

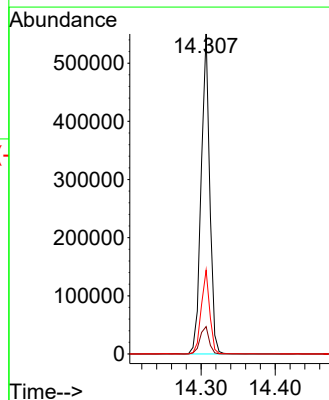
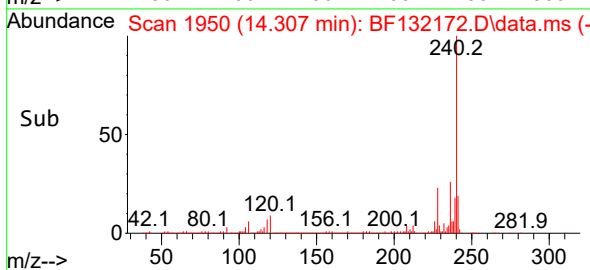
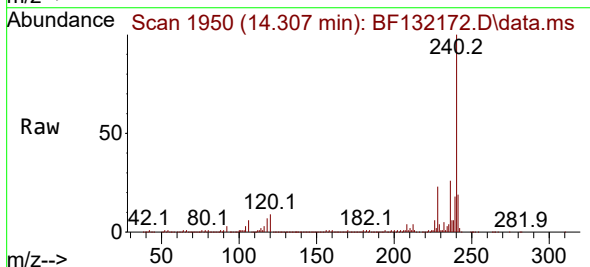
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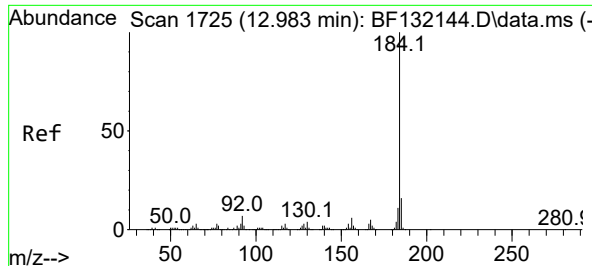
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.307 min Scan# 1950
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

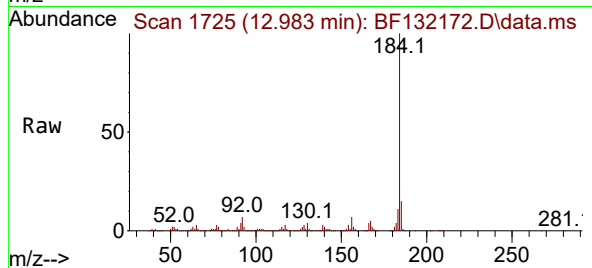
Tgt Ion:240 Resp: 439968
Ion Ratio Lower Upper
240 100
120 8.6 6.9 10.3
236 26.2 20.3 30.5





#77
Benzidine
Concen: 58.100 ng
RT: 12.983 min Scan# 1725
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

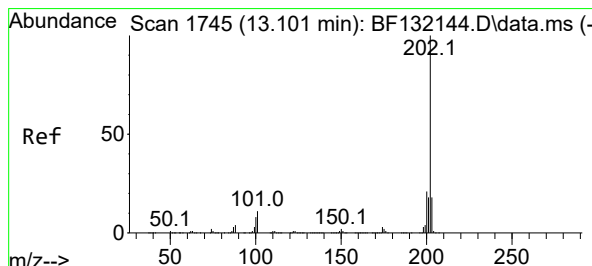
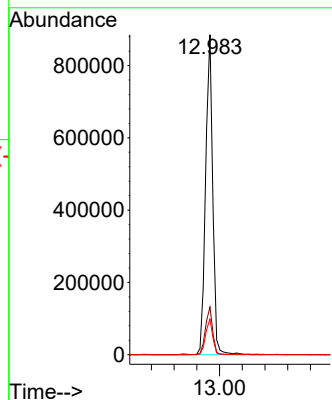
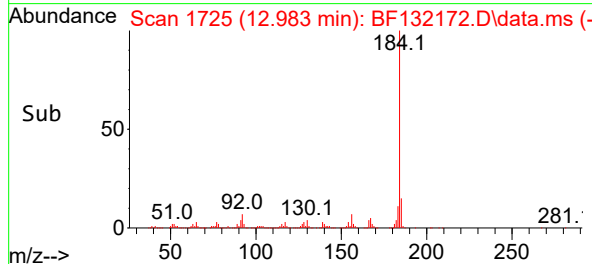
Instrument :
BNA_F
ClientSampleId :
B-P34AMSD



Tgt Ion:184 Resp: 76748
Ion Ratio Lower Upper
184 100
185 14.9 12.5 18.7
183 11.1 9.0 13.4

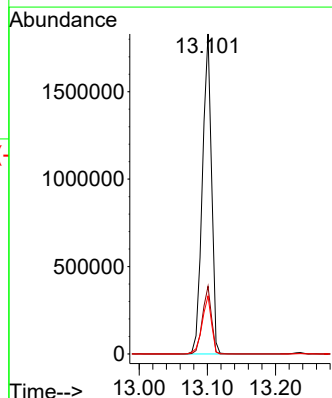
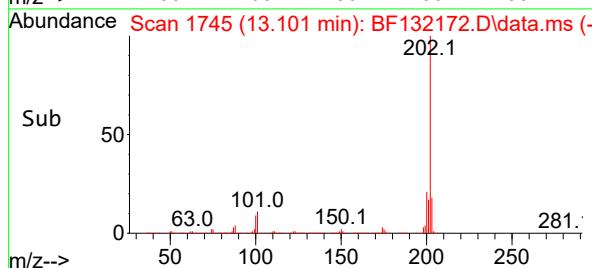
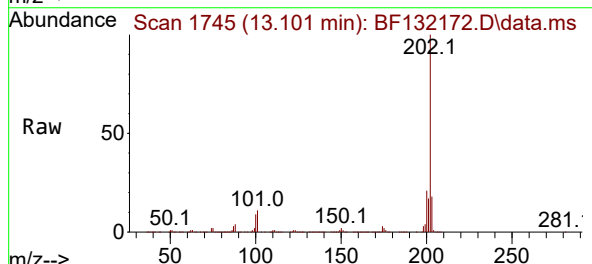
Manual Integrations
APPROVED

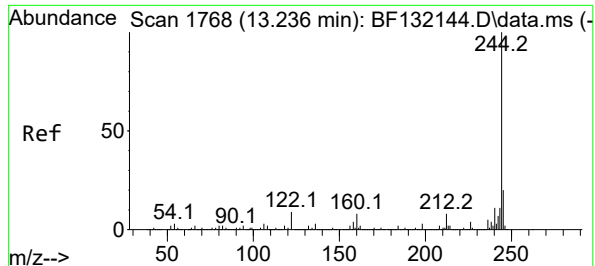
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#78
Pyrene
Concen: 42.064 ng
RT: 13.101 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

Tgt Ion:202 Resp: 1705612
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 18.1 14.0 21.0





#79

Terphenyl-d14

Concen: 74.351 ng

RT: 13.236 min Scan# 1768

Delta R.T. 0.000 min

Lab File: BF132172.D

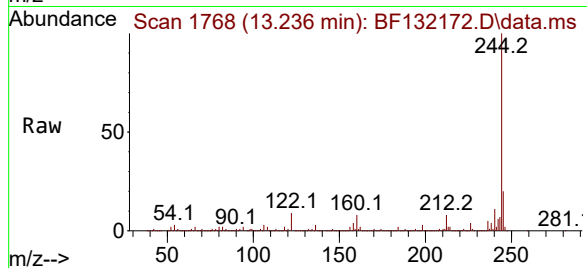
Acq: 20 Jan 2023 21:08

Instrument :

BNA_F

ClientSampleId :

B-P34AMSD



Tgt Ion:244 Resp: 1952820

Ion Ratio Lower Upper

244 100

212 8.1 6.7 10.1

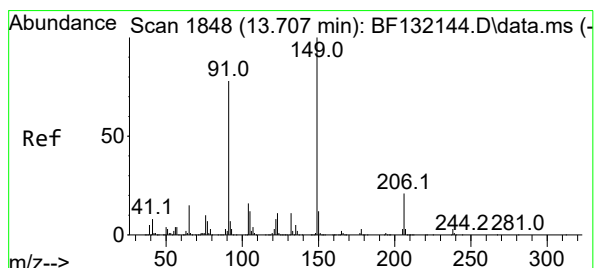
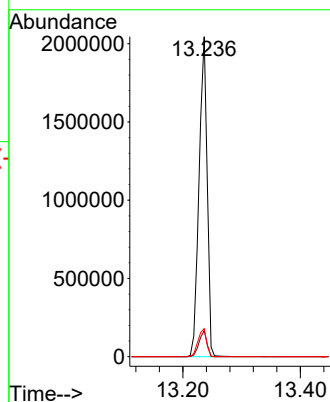
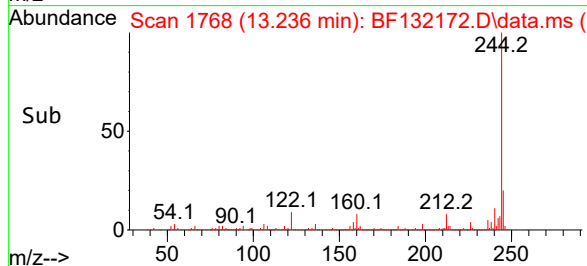
122 8.7 7.4 11.2

Manual Integrations

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Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#80

Butylbenzylphthalate

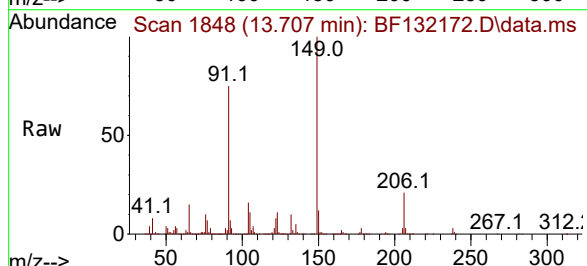
Concen: 49.125 ng

RT: 13.707 min Scan# 1848

Delta R.T. -0.000 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08



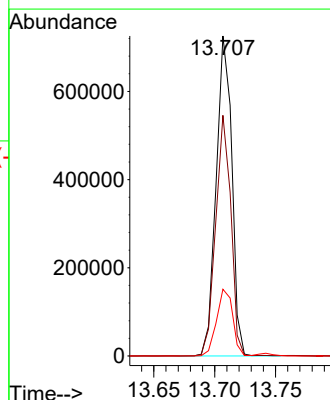
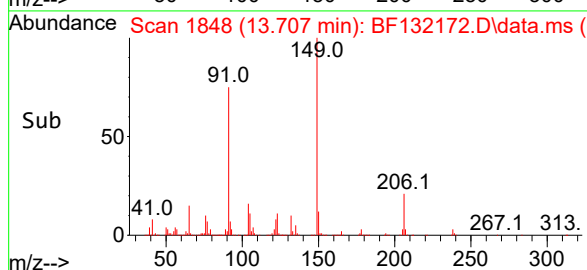
Tgt Ion:149 Resp: 649876

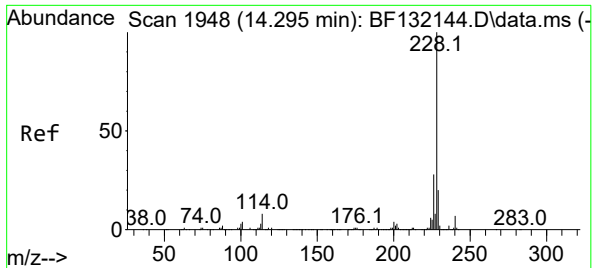
Ion Ratio Lower Upper

149 100

91 75.2 62.6 94.0

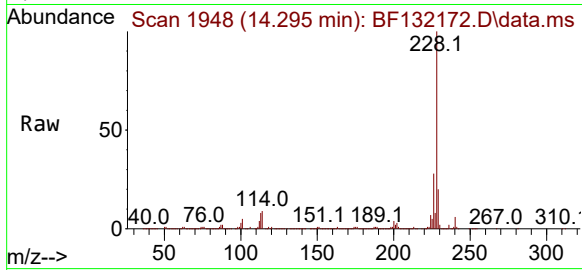
206 20.8 16.4 24.6





#81
Benzo(a)anthracene
Concen: 41.482 ng
RT: 14.295 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

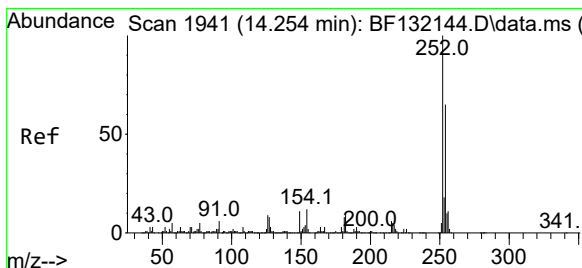
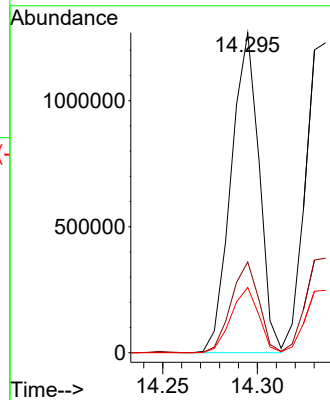
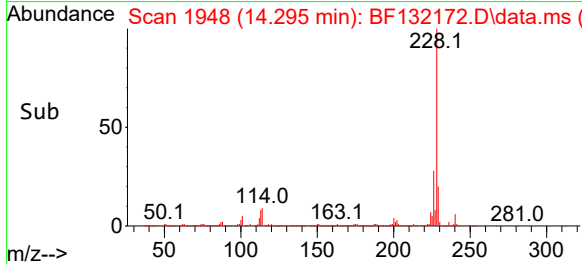
Instrument :
BNA_F
ClientSampleId :
B-P34AMSD



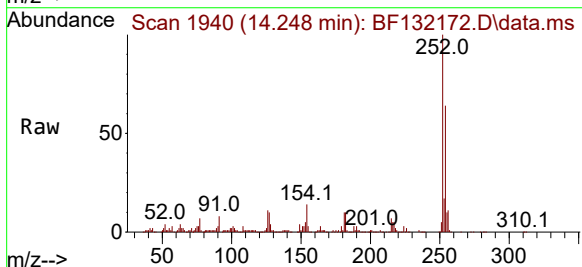
Tgt Ion:228 Resp: 130382
Ion Ratio Lower Upper
228 100
226 28.4 22.5 33.7
229 20.4 16.1 24.1

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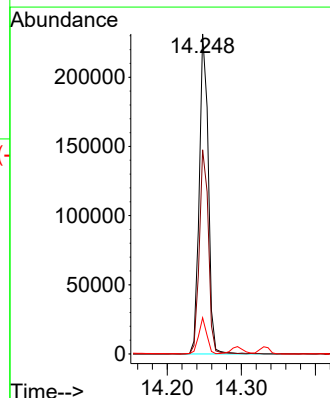
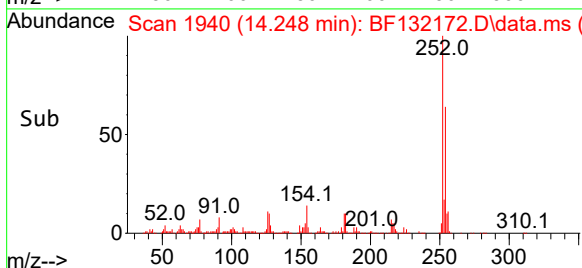
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

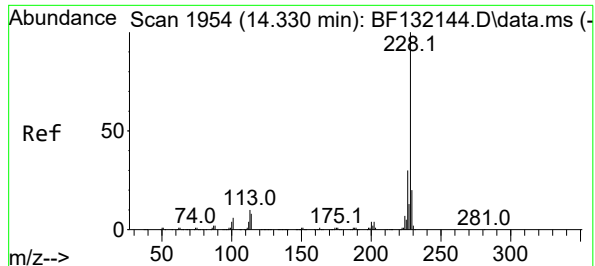


#82
3,3'-Dichlorobenzidine
Concen: 22.217 ng
RT: 14.248 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08



Tgt Ion:252 Resp: 194473
Ion Ratio Lower Upper
252 100
254 63.8 52.4 78.6
126 11.3 7.0 10.6#





#83

Chrysene

Concen: 40.642 ng

RT: 14.336 min Scan# 1954

Delta R.T. 0.006 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

Instrument :

BNA_F

ClientSampleId :

B-P34AMSD

Tgt Ion:228 Resp: 1215936

Ion Ratio Lower Upper

228 100

226 30.5 24.3 36.5

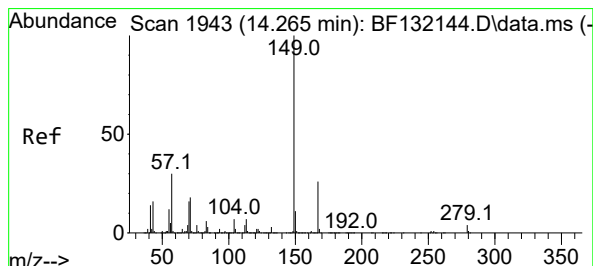
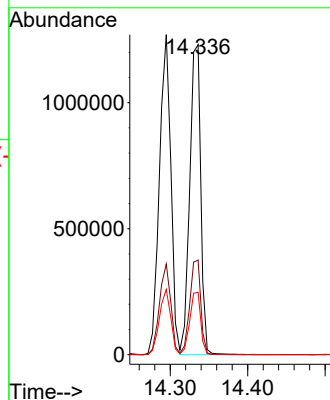
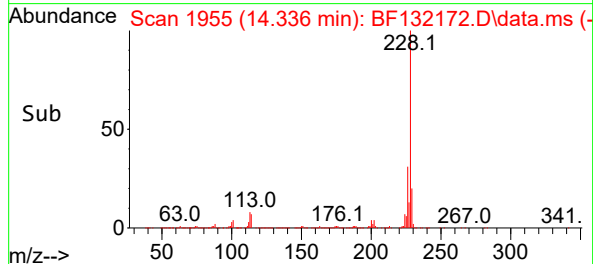
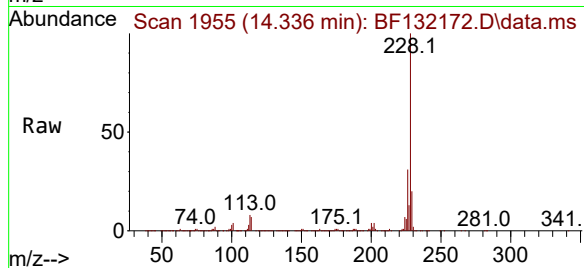
229 20.1 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.799 ng

RT: 14.265 min Scan# 1943

Delta R.T. 0.000 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

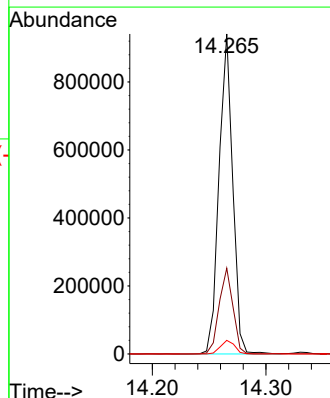
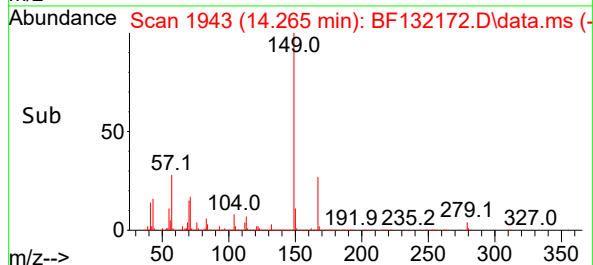
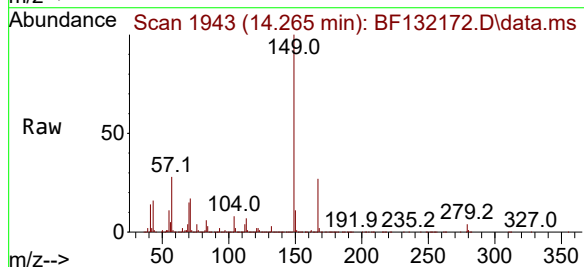
Tgt Ion:149 Resp: 788199

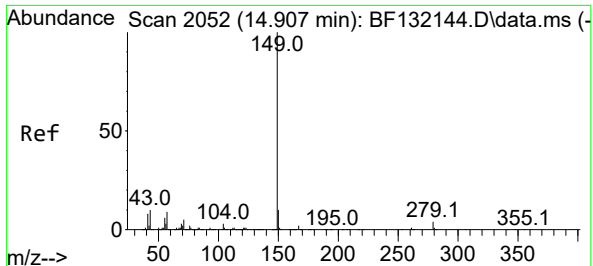
Ion Ratio Lower Upper

149 100

167 26.8 21.0 31.6

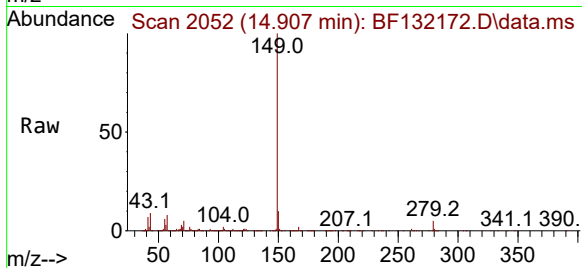
279 4.2 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 43.907 ng
RT: 14.907 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

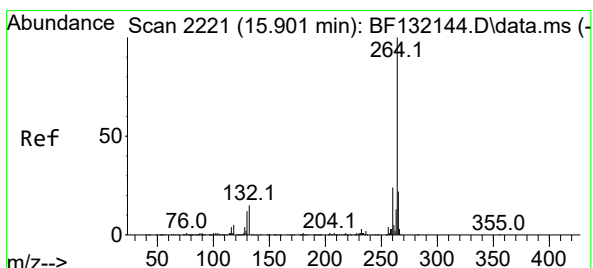
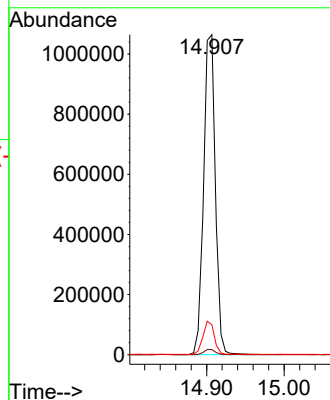
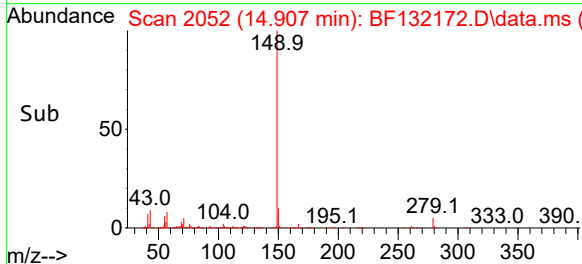
Instrument :
BNA_F
ClientSampleId :
B-P34AMSD



Tgt Ion:149 Resp: 1120414
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.0 8.4 12.6

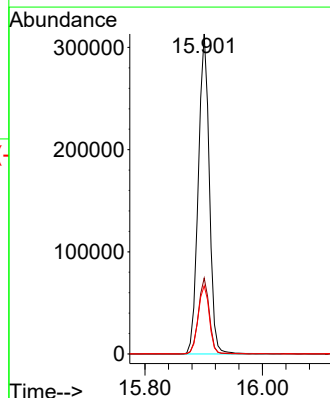
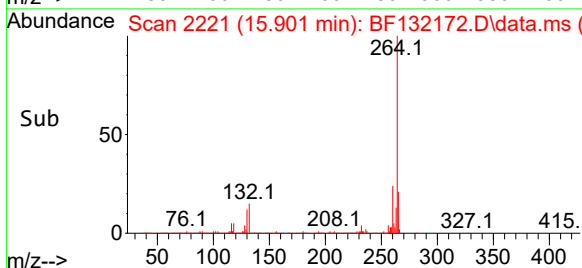
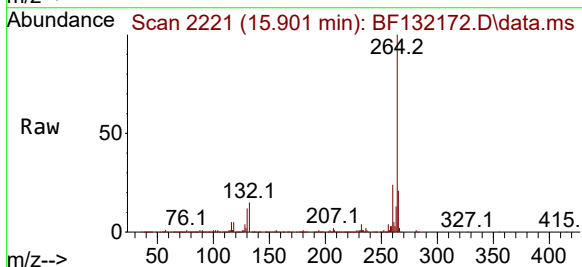
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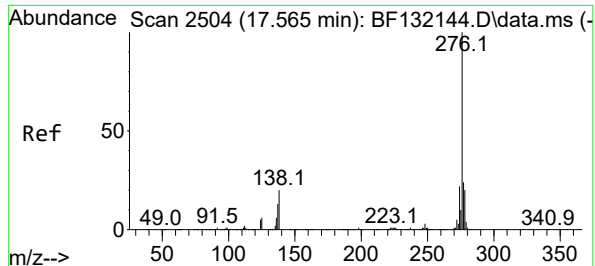
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.901 min Scan# 2221
Delta R.T. -0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

Tgt Ion:264 Resp: 406965
Ion Ratio Lower Upper
264 100
260 23.7 19.1 28.7
265 21.3 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.793 ng

RT: 17.565 min Scan# 2140

Delta R.T. 0.000 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

Instrument :

BNA_F

ClientSampleId :

B-P34AMSD

Tgt Ion:276 Resp: 1242088

Ion Ratio Lower Upper

276 100

138 21.9 17.9 26.9

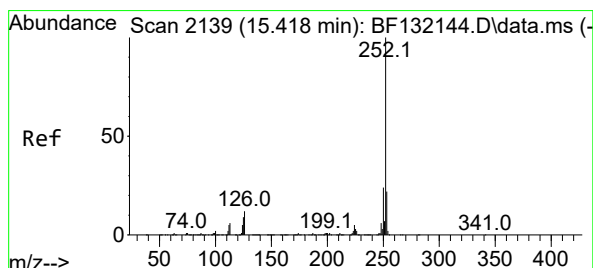
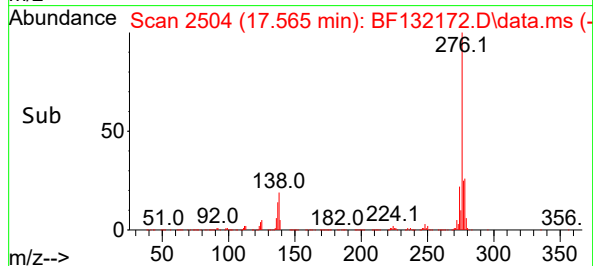
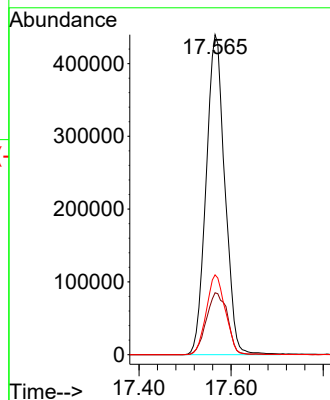
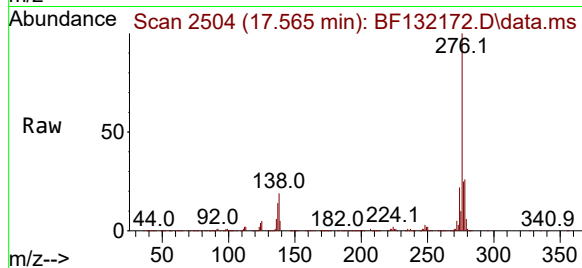
277 25.3 20.2 30.2

Manual Integrations

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Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#88

Benzo(b)fluoranthene

Concen: 46.503 ng

RT: 15.424 min Scan# 2140

Delta R.T. 0.006 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

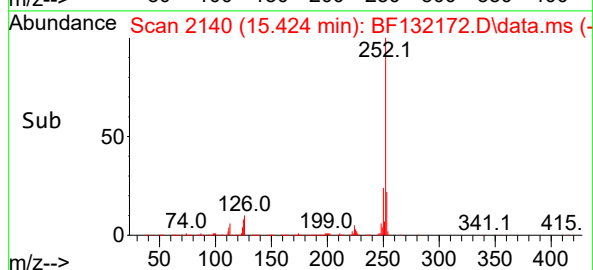
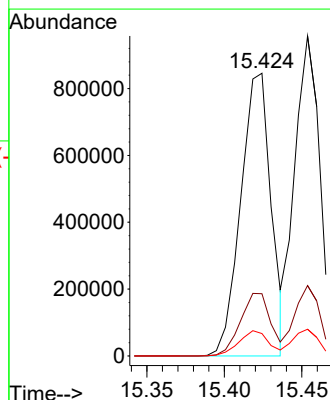
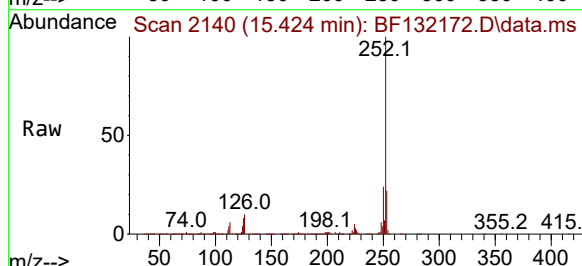
Tgt Ion:252 Resp: 1152284

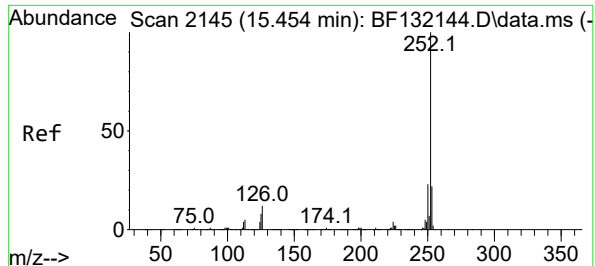
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 7.9 7.2 10.8





#89

Benzo(k)fluoranthene

Concen: 43.195 ng

RT: 15.454 min Scan# 2145

Delta R.T. -0.000 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

Instrument :

BNA_F

ClientSampleId :

B-P34AMSD

Tgt Ion:252 Resp: 109157

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

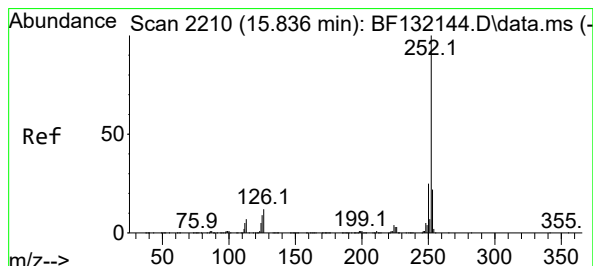
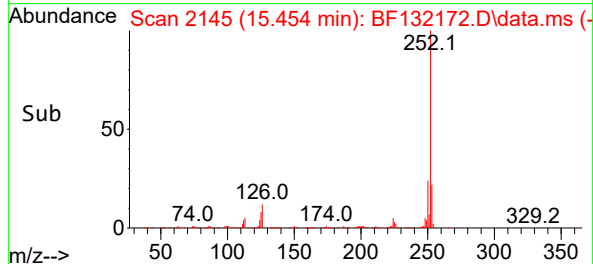
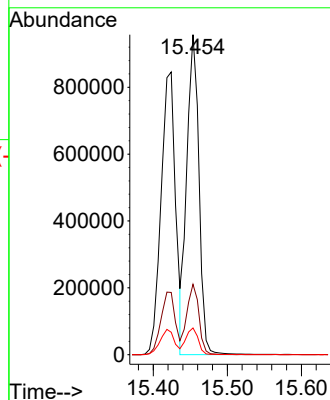
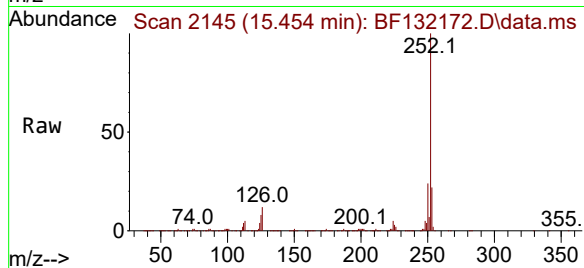
125 8.4 6.4 9.6

Manual Integrations

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Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#90

Benzo(a)pyrene

Concen: 42.213 ng

RT: 15.830 min Scan# 2209

Delta R.T. -0.006 min

Lab File: BF132172.D

Acq: 20 Jan 2023 21:08

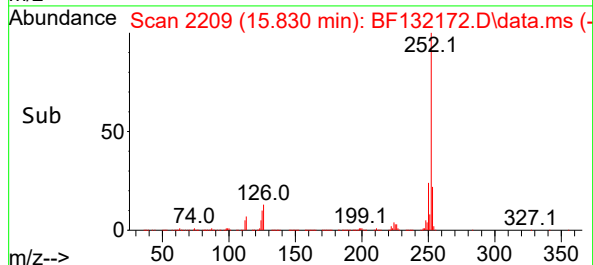
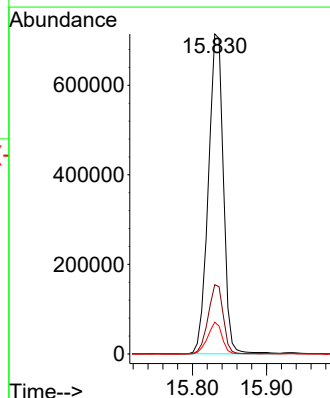
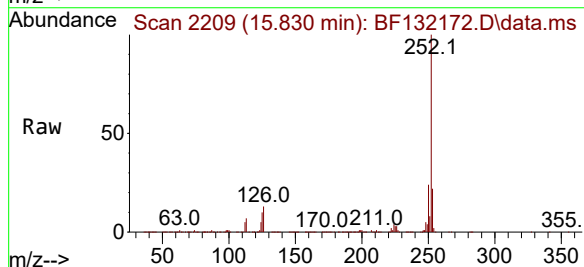
Tgt Ion:252 Resp: 1006189

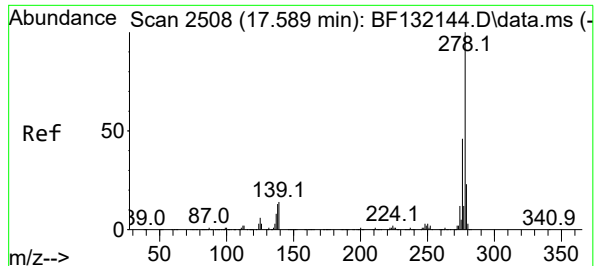
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

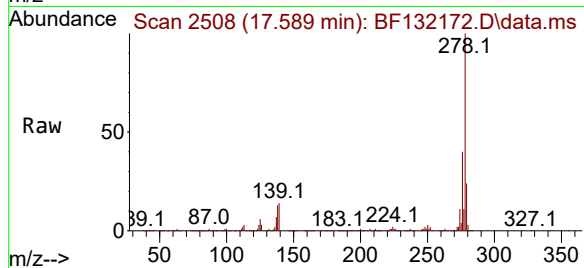
125 10.0 7.3 10.9





#91
Dibenzo(a,h)anthracene
Concen: 41.883 ng
RT: 17.589 min Scan# 2508
Delta R.T. -0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

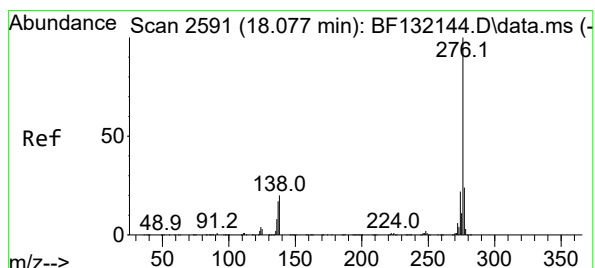
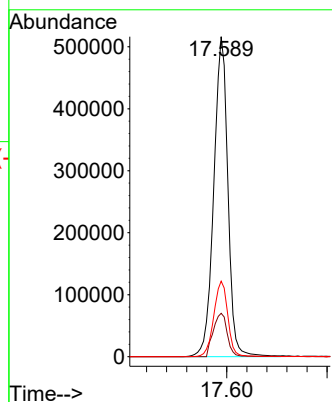
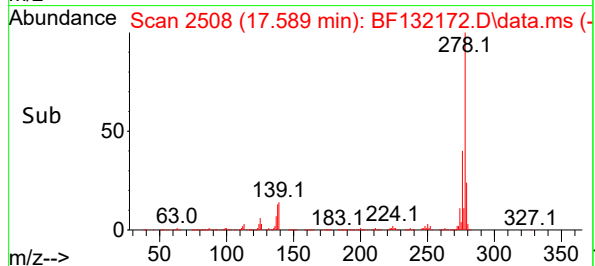
Instrument :
BNA_F
ClientSampleId :
B-P34AMSD



Tgt Ion:278 Resp: 1008740
Ion Ratio Lower Upper
278 100
139 13.6 11.4 17.2
279 23.6 18.6 28.0

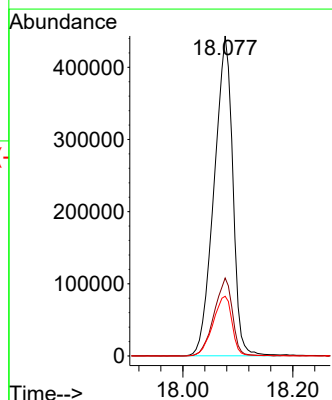
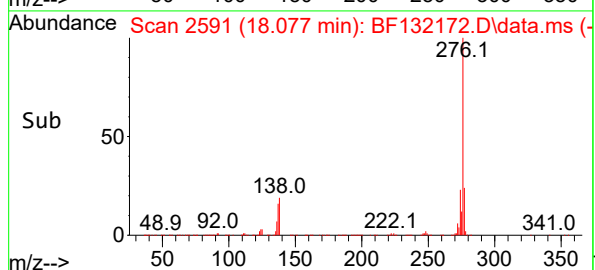
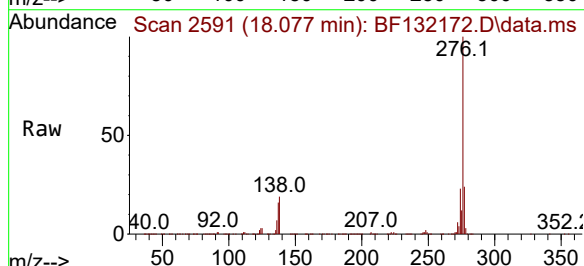
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#92
Benzo(g,h,i)perylene
Concen: 37.991 ng
RT: 18.077 min Scan# 2591
Delta R.T. 0.000 min
Lab File: BF132172.D
Acq: 20 Jan 2023 21:08

Tgt Ion:276 Resp: 1041701
Ion Ratio Lower Upper
276 100
277 24.3 18.9 28.3
138 18.7 15.7 23.5





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Manual Integration Report

Sequence:

BF011923

Instrument

BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BF132141.D	2,3,4,6-Tetrachlorophenol	Christian	1/20/2023 4:17:48 PM	Jagrut	1/20/2023 5:06:17 PM	Peak Integrated by Software
SSTDICC005	BF132141.D	Caprolactam	Christian	1/20/2023 4:17:48 PM	Jagrut	1/20/2023 5:06:17 PM	Peak Integrated by Software
SSTDICCC040	BF132144.D	4-Chlorophenyl-phenylether	Christian	1/20/2023 4:17:50 PM	Jagrut	1/20/2023 5:06:22 PM	Peak Integrated by Software
SSTDICC050	BF132145.D	Benzoic acid	Christian	1/20/2023 4:17:52 PM	Jagrut	1/20/2023 5:06:31 PM	Peak Integrated by Software
SSTDICC050	BF132145.D	Benzyl Alcohol	Christian	1/20/2023 4:17:52 PM	Jagrut	1/20/2023 5:06:31 PM	Peak Integrated by Software
SSTDICC060	BF132146.D	Aniline	Christian	1/20/2023 4:17:55 PM	Jagrut	1/20/2023 5:06:38 PM	Peak Integrated by Software
SSTDICC060	BF132146.D	Benzyl Alcohol	Christian	1/20/2023 4:17:55 PM	Jagrut	1/20/2023 5:06:38 PM	Peak Integrated by Software
SSTDICC080	BF132147.D	Aniline	Christian	1/20/2023 4:17:56 PM	Jagrut	1/20/2023 5:06:43 PM	Peak Integrated by Software
SSTDICC080	BF132147.D	Benzyl Alcohol	Christian	1/20/2023 4:17:56 PM	Jagrut	1/20/2023 5:06:43 PM	Peak Integrated by Software



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Manual Integration Report

Sequence:

BF012023

Instrument

BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BF132154.D	Benzoic acid	Christian	1/23/2023 9:30:10 AM	Jagrut	1/23/2023 10:44:10 AM	Peak Integrated by Software
SSTDCCC040	BF132154.D	Benzyl Alcohol	Christian	1/23/2023 9:30:10 AM	Jagrut	1/23/2023 10:44:10 AM	Peak Integrated by Software
SSTDCCC040	BF132162.D	Benzoic acid	Christian	1/23/2023 9:30:18 AM	Jagrut	1/23/2023 10:44:38 AM	Peak Integrated by Software
SSTDCCC040	BF132162.D	Benzyl Alcohol	Christian	1/23/2023 9:30:18 AM	Jagrut	1/23/2023 10:44:38 AM	Peak Integrated by Software
SSTDCCC040	BF132164.D	Benzoic acid	Christian	1/23/2023 9:30:20 AM	Jagrut	1/23/2023 10:44:43 AM	Peak Integrated by Software
SSTDCCC040	BF132164.D	Benzyl Alcohol	Christian	1/23/2023 9:30:20 AM	Jagrut	1/23/2023 10:44:43 AM	Peak Integrated by Software
O1233-02MS	BF132171.D	Aniline	Christian	1/23/2023 9:30:33 AM	Jagrut	1/23/2023 10:45:02 AM	Peak Integrated by Software
O1233-02MS	BF132171.D	Benzyl Alcohol	Christian	1/23/2023 9:30:33 AM	Jagrut	1/23/2023 10:45:02 AM	Peak Integrated by Software
O1233-02MS	BF132171.D	Caprolactam	Christian	1/23/2023 9:30:33 AM	Jagrut	1/23/2023 10:45:02 AM	Peak Integrated by Software
O1233-02MSD	BF132172.D	Aniline	Christian	1/23/2023 9:30:36 AM	Jagrut	1/23/2023 10:45:06 AM	Peak Integrated by Software
O1233-02MSD	BF132172.D	Benzyl Alcohol	Christian	1/23/2023 9:30:36 AM	Jagrut	1/23/2023 10:45:06 AM	Peak Integrated by Software
O1233-02MSD	BF132172.D	Caprolactam	Christian	1/23/2023 9:30:36 AM	Jagrut	1/23/2023 10:45:06 AM	Peak Integrated by Software
SSTDCCC040	BF132183.D	Benzoic acid	Christian	1/23/2023 9:30:30 AM	Jagrut	1/23/2023 10:45:16 AM	Peak Integrated by Software



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Manual Integration Report

Sequence:	BF012023	Instrument	BNA_f
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BF132183.D	Benzyl Alcohol	Christian	1/23/2023 9:30:30 AM	Jagrut	1/23/2023 10:45:16 AM	Peak Integrated by Software



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Manual Integration Report

Sequence:

BP012323

Instrument

BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BP013546.D	Caprolactam	Christian	1/24/2023 10:12:47 AM	Jagrut	1/24/2023 10:30:19 AM	Peak Integrated by Software
SSTDICC010	BP013547.D	2,3,4,6-Tetrachlorophen ol	Christian	1/24/2023 10:12:50 AM	Jagrut	1/24/2023 10:30:23 AM	Peak Integrated by Software
SSTDICC060	BP013551.D	2,2"-oxybis(1-Chloropro pane)	Christian	1/24/2023 10:12:55 AM	Jagrut	1/24/2023 10:30:28 AM	Peak Integrated by Software
SSTDICC080	BP013552.D	Caprolactam	Christian	1/24/2023 10:12:59 AM	Jagrut	1/24/2023 10:30:33 AM	Peak Integrated by Software
SSTDICC080	BP013552.D	Pyridine	Christian	1/24/2023 10:12:59 AM	Jagrut	1/24/2023 10:30:33 AM	Peak Integrated by Software



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Manual Integration Report

Sequence:	BP012423	Instrument	BNA_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP013562.D	2,2"-oxybis(1-Chloropropane)	Christian	1/25/2023 10:30:55 AM	Jagrut	1/25/2023 5:43:17 PM	Peak Integrated by Software



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Manual Integration Report

Sequence:

BP013123

Instrument

BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BP013670.D	2,2"-oxybis(1-Chloropropane)	Christian	2/1/2023 9:23:49 AM	Jagrut	2/1/2023 5:46:03 PM	Peak Integrated by Software
SSTDICC010	BP013671.D	2,2"-oxybis(1-Chloropropane)	Christian	2/1/2023 9:23:50 AM	Jagrut	2/1/2023 5:46:07 PM	Peak Integrated by Software
SSTDICC010	BP013671.D	Caprolactam	Christian	2/1/2023 9:23:50 AM	Jagrut	2/1/2023 5:46:07 PM	Peak Integrated by Software
SSTDICC050	BP013674.D	Acenaphthene	Christian	2/1/2023 9:23:52 AM	Jagrut	2/1/2023 5:46:11 PM	Peak Integrated by Software
SSTDICC050	BP013674.D	Pyridine	Christian	2/1/2023 9:23:52 AM	Jagrut	2/1/2023 5:46:11 PM	Peak Integrated by Software
SSTDICC060	BP013675.D	Acenaphthene	Christian	2/1/2023 2:25:19 PM	Jagrut	2/1/2023 5:46:15 PM	Peak Integrated by Software
SSTDICC060	BP013675.D	Benzaldehyde	Christian	2/1/2023 2:25:19 PM	Jagrut	2/1/2023 5:46:15 PM	Peak Integrated by Software
SSTDICC060	BP013675.D	Pyridine	Christian	2/1/2023 2:25:19 PM	Jagrut	2/1/2023 5:46:15 PM	Peak Integrated by Software
SSTDICC080	BP013676.D	Acenaphthene	Christian	2/1/2023 2:25:21 PM	Jagrut	2/1/2023 5:46:19 PM	Peak Integrated by Software
SSTDICC080	BP013676.D	Pyridine	Christian	2/1/2023 2:25:21 PM	Jagrut	2/1/2023 5:46:19 PM	Peak Integrated by Software
SSTDICV040	BP013677.D	Acenaphthene	Christian	2/1/2023 2:25:22 PM	Jagrut	2/1/2023 5:46:24 PM	Peak Integrated by Software
PB150378BS	BP013684.D	Acenaphthene	Christian	2/1/2023 2:25:29 PM	Jagrut	2/1/2023 5:46:40 PM	Peak Integrated by Software
PB150378BS	BP013684.D	Benzaldehyde	Christian	2/1/2023 2:25:29 PM	Jagrut	2/1/2023 5:46:40 PM	Peak Integrated by Software



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Manual Integration Report

Sequence:	BP013123	Instrument	BNA_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB150378BS	BP013684.D	Benzyl Alcohol	Christian	2/1/2023 2:25:29 PM	Jagrut	2/1/2023 5:46:40 PM	Peak Integrated by Software
PB150378BS	BP013684.D	Caprolactam	Christian	2/1/2023 2:25:29 PM	Jagrut	2/1/2023 5:46:40 PM	Peak Integrated by Software



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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF011923

Review By	Christian	Review On	1/20/2023 4:18:26 PM
Supervise By	Jagrut	Supervise On	1/20/2023 5:07:11 PM
SubDirectory	BF011923	HP Acquire Method	BNA_F
		HP Processing Method	Bf011923
STD. NAME	STD REF.#		
Tune/Reschk	SP6029		
Initial Calibration Stds	SP6099,SP6098,SP6097,SP6096,SP6095,SP6094,SP6093,SP6092		
CCC	SP6095		
Internal Standard/PEM	S10813,10ul/1000ul sample		
ICV/I.BLK	SP6101		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF132139.D	19 Jan 2023 10:46	CG\JU	Ok
2	SSTDICC2.5	BF132140.D	19 Jan 2023 11:21	CG\JU	Ok
3	SSTDICC005	BF132141.D	19 Jan 2023 11:53	CG\JU	Ok,M
4	SSTDICC010	BF132142.D	19 Jan 2023 12:26	CG\JU	Ok
5	SSTDICC020	BF132143.D	19 Jan 2023 12:59	CG\JU	Ok
6	SSTDICCC040	BF132144.D	19 Jan 2023 13:32	CG\JU	Ok,M
7	SSTDICC050	BF132145.D	19 Jan 2023 14:05	CG\JU	Ok,M
8	SSTDICC060	BF132146.D	19 Jan 2023 14:38	CG\JU	Ok,M
9	SSTDICC080	BF132147.D	19 Jan 2023 15:11	CG\JU	Ok,M
10	SSTDICV040	BF132148.D	19 Jan 2023 15:44	CG\JU	Ok
11	PB150317BL	BF132149.D	19 Jan 2023 16:23	CG\JU	Ok
12	PB150317BS	BF132150.D	19 Jan 2023 17:30	CG\JU	Ok,M
13	PB150317BSD	BF132151.D	19 Jan 2023 18:03	CG\JU	Ok,M
14	SP6108	BF132152.D	19 Jan 2023 18:36	CG\JU	Ok,M

M : Manual Integration



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF012023

Review By	Christian	Review On	1/23/2023 9:32:40 AM
Supervise By	Jagrut	Supervise On	1/23/2023 10:45:37 AM
SubDirectory	BF012023	HP Acquire Method	BNA_F
		HP Processing Method	Bf011923
STD. NAME	STD REF.#		
Tune/Reschk	SP6029		
Initial Calibration Stds	SP6099,SP6098,SP6097,SP6096,SP6095,SP6094,SP6093,SP6092		
CCC	SP6095		
Internal Standard/PEM	S10813,10ul/1000ul sample		
ICV/I.BLK	SP6101		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF132153.D	20 Jan 2023 09:28	CG\JU	Ok
2	SSTDCCC040	BF132154.D	20 Jan 2023 09:59	CG\JU	Ok,M
3	PB150196BL	BF132155.D	20 Jan 2023 10:31	CG\JU	Ok
4	N3980-02	BF132156.D	20 Jan 2023 11:07	CG\JU	Ok
5	N3980-02	BF132157.D	20 Jan 2023 12:09	CG\JU	Not Ok
6	N3980-02	BF132158.D	20 Jan 2023 13:04	CG\JU	Ok
7	N3980-08	BF132159.D	20 Jan 2023 13:37	CG\JU	Not Ok
8	N3980-08	BF132160.D	20 Jan 2023 14:09	CG\JU	Ok,M
9	N3980-08	BF132161.D	20 Jan 2023 15:02	CG\JU	Ok,M
10	SSTDCCC040	BF132162.D	20 Jan 2023 15:35	CG\JU	Ok,M
11	DFTPP	BF132163.D	20 Jan 2023 16:08	CG\JU	Ok
12	SSTDCCC040	BF132164.D	20 Jan 2023 16:40	CG\JU	Ok,M
13	PB150261BL	BF132165.D	20 Jan 2023 17:13	CG\JU	Ok
14	PB150261BS	BF132166.D	20 Jan 2023 17:50	CG\JU	Ok,M
15	O1160-01	BF132167.D	20 Jan 2023 18:23	CG\JU	Ok
16	O1160-01MS	BF132168.D	20 Jan 2023 18:56	CG\JU	Ok,M
17	O1160-01MSD	BF132169.D	20 Jan 2023 19:30	CG\JU	Ok,M
18	O1233-02	BF132170.D	20 Jan 2023 20:03	CG\JU	Ok
19	O1233-02MS	BF132171.D	20 Jan 2023 20:35	CG\JU	Ok,M
20	O1233-02MSD	BF132172.D	20 Jan 2023 21:08	CG\JU	Ok,M
21	O1214-06	BF132173.D	20 Jan 2023 21:41	CG\JU	Ok,M
22	O1233-07	BF132174.D	20 Jan 2023 22:13	CG\JU	Ok
23	O1232-01	BF132175.D	20 Jan 2023 22:46	CG\JU	Ok



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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF012023

Review By	Christian	Review On	1/23/2023 9:32:40 AM		
Supervise By	Jagrut	Supervise On	1/23/2023 10:45:37 AM		
SubDirectory	BF012023	HP Acquire Method	BNA_F	HP Processing Method	Bf011923
STD. NAME	STD REF.#				
Tune/Reschk	SP6029				
Initial Calibration Stds	SP6099,SP6098,SP6097,SP6096,SP6095,SP6094,SP6093,SP6092				
CCC	SP6095				
Internal Standard/PEM	S10813,10ul/1000ul sample				
ICV/I.BLK	SP6101				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					
24	O1232-02	BF132176.D	20 Jan 2023 23:19	CG\JU	Not Ok
25	O1232-08	BF132177.D	20 Jan 2023 23:51	CG\JU	Ok
26	O1233-03	BF132178.D	21 Jan 2023 00:23	CG\JU	Ok
27	O1233-04	BF132179.D	21 Jan 2023 00:56	CG\JU	Ok
28	O1233-05	BF132180.D	21 Jan 2023 01:28	CG\JU	Ok
29	O1233-09	BF132181.D	21 Jan 2023 02:00	CG\JU	Ok
30	O1233-11	BF132182.D	21 Jan 2023 02:33	CG\JU	Dilution
31	SSTDCCC040	BF132183.D	21 Jan 2023 03:05	CG\JU	Ok,M

M : Manual Integration



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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP012323

Review By	Christian	Review On	1/24/2023 10:15:33 AM		
Supervise By	Jagrut	Supervise On	1/24/2023 10:33:07 AM		
SubDirectory	BP012323	HP Acquire Method	BNA_P	HP Processing Method	bp012323
STD. NAME		STD REF.#			
Tune/Reschk		SP6029			
Initial Calibration Stds		SP6099,SP6098,SP6097,SP6096,SP6095,SP6094,SP6093,SP6092			
CCC		SP6095			
Internal Standard/PEM		S10812,10ul/1000ul sample			
ICV/I.BLK		SP6101			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleID	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP013544.D	23 Jan 2023 10:51	CG/JU	Ok
2	SSTDICC2.5	BP013545.D	23 Jan 2023 11:25	CG/JU	Ok
3	SSTDICC005	BP013546.D	23 Jan 2023 12:00	CG/JU	Ok,M
4	SSTDICC010	BP013547.D	23 Jan 2023 12:34	CG/JU	Ok,M
5	SSTDICC020	BP013548.D	23 Jan 2023 13:08	CG/JU	Ok
6	SSTDICCC040	BP013549.D	23 Jan 2023 13:42	CG/JU	Ok
7	SSTDICC050	BP013550.D	23 Jan 2023 14:17	CG/JU	Ok
8	SSTDICC060	BP013551.D	23 Jan 2023 14:51	CG/JU	Ok,M
9	SSTDICC080	BP013552.D	23 Jan 2023 16:01	CG/JU	Ok,M
10	SSTDICV040	BP013553.D	23 Jan 2023 18:39	CG/JU	Ok
11	PB150389BL	BP013554.D	23 Jan 2023 19:14	CG/JU	Ok
12	PB150341BL	BP013555.D	23 Jan 2023 19:48	CG/JU	Ok
13	PB150389BS	BP013556.D	23 Jan 2023 20:22	CG/JU	Ok,M
14	PB150341BS	BP013557.D	23 Jan 2023 20:56	CG/JU	Ok
15	PB150338BL	BP013558.D	23 Jan 2023 21:30	CG/JU	Ok
16	PB150338BS	BP013559.D	23 Jan 2023 22:04	CG/JU	Ok,M
17	PB150338BSD	BP013560.D	23 Jan 2023 22:38	CG/JU	Ok,M

M : Manual Integration



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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP012423

Review By	Christian	Review On	1/25/2023 10:53:20 AM		
Supervise By	Jagrut	Supervise On	1/25/2023 5:44:02 PM		
SubDirectory	BP012423	HP Acquire Method	BNA_P	HP Processing Method	bp012323
STD. NAME		STD REF.#			
Tune/Reschk		SP6029			
Initial Calibration Stds		SP6099,SP6098,SP6097,SP6096,SP6095,SP6094,SP6093,SP6092			
CCC		SP6095			
Internal Standard/PEM		S10812,10ul/1000ul sample			
ICV/I.BLK		SP6101			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP013561.D	24 Jan 2023 09:20	CG/JU	Ok
2	SSTDCCC040	BP013562.D	24 Jan 2023 09:53	CG/JU	Ok,M
3	PB150368TB	BP013563.D	24 Jan 2023 10:28	CG/JU	Ok
4	O1239-02	BP013564.D	24 Jan 2023 11:09	CG/JU	Ok
5	O1233-10	BP013565.D	24 Jan 2023 11:43	CG/JU	Ok
6	O1232-02	BP013566.D	24 Jan 2023 12:17	CG/JU	Ok
7	O1221-02	BP013567.D	24 Jan 2023 12:51	CG/JU	Ok
8	O1214-18	BP013568.D	24 Jan 2023 13:25	CG/JU	Ok
9	O1214-19	BP013569.D	24 Jan 2023 14:00	CG/JU	Ok
10	DFTPP	BP013570.D	24 Jan 2023 14:38	CG/JU	Ok
11	SSTDCCC040	BP013571.D	24 Jan 2023 15:13	CG/JU	Ok
12	PB150378BL	BP013572.D	24 Jan 2023 15:50	CG/JU	Ok
13	O1255-02	BP013573.D	24 Jan 2023 16:28	CG/JU	Not Ok
14	O1252-03	BP013574.D	24 Jan 2023 17:02	CG/JU	Not Ok
15	O1190-02	BP013575.D	24 Jan 2023 17:36	CG/JU	Ok
16	O1190-02MS	BP013576.D	24 Jan 2023 18:11	CG/JU	Ok,M
17	O1190-02MSD	BP013577.D	24 Jan 2023 18:45	CG/JU	Ok,M
18	O1190-04	BP013578.D	24 Jan 2023 19:19	CG/JU	Ok,M
19	O1255-01	BP013579.D	24 Jan 2023 19:53	CG/JU	Ok
20	O1260-10	BP013580.D	24 Jan 2023 20:27	CG/JU	Ok
21	O1232-09	BP013581.D	24 Jan 2023 21:02	CG/JU	Ok
22	O1190-14	BP013582.D	24 Jan 2023 21:36	CG/JU	Ok,M
23	O1252-01	BP013583.D	24 Jan 2023 22:10	CG/JU	Ok



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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP012423

Review By	Christian	Review On	1/25/2023 10:53:20 AM
Supervise By	Jagrut	Supervise On	1/25/2023 5:44:02 PM
SubDirectory	BP012423	HP Acquire Method	BNA_P
		HP Processing Method	bp012323

STD. NAME	STD REF.#
Tune/Reschk	SP6029
Initial Calibration Stds	SP6099,SP6098,SP6097,SP6096,SP6095,SP6094,SP6093,SP6092
CCC	SP6095
Internal Standard/PEM	S10812,10ul/1000ul sample
ICV/I.BLK	SP6101
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

24	O1232-03	BP013584.D	24 Jan 2023 22:44	CG/JU	Ok
25	O1190-12	BP013585.D	24 Jan 2023 23:18	CG/JU	Ok,M
26	O1232-04	BP013586.D	24 Jan 2023 23:52	CG/JU	Ok
27	O1260-04	BP013587.D	25 Jan 2023 00:27	CG/JU	Ok
28	O1244-01	BP013588.D	25 Jan 2023 01:01	CG/JU	Ok
29	O1260-13	BP013589.D	25 Jan 2023 01:35	CG/JU	Ok
30	O1233-11DL	BP013590.D	25 Jan 2023 02:09	CG/JU	Ok

M : Manual Integration



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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP013123

Review By	Christian	Review On	2/1/2023 2:25:59 PM
Supervise By	Jagrut	Supervise On	2/1/2023 5:46:58 PM
SubDirectory	BP013123	HP Acquire Method	BNA_P
		HP Processing Method	bp013123
STD. NAME	STD REF.#		
Tune/Reschk	SP6029		
Initial Calibration Stds	SP6099,SP6098,SP6097,SP6096,SP6095,SP6094,SP6093,SP6092		
CCC	SP6095		
Internal Standard/PEM	S10816,10ul/1000ul sample		
ICV/I.BLK	SP6101		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP013668.D	31 Jan 2023 10:47	CG/JU	Ok
2	SSTDICC2.5	BP013669.D	31 Jan 2023 11:21	CG/JU	Ok
3	SSTDICC005	BP013670.D	31 Jan 2023 11:55	CG/JU	Ok,M
4	SSTDICC010	BP013671.D	31 Jan 2023 12:30	CG/JU	Ok,M
5	SSTDICC020	BP013672.D	31 Jan 2023 13:04	CG/JU	Ok
6	SSTDICCC040	BP013673.D	31 Jan 2023 13:38	CG/JU	Ok
7	SSTDICC050	BP013674.D	31 Jan 2023 14:12	CG/JU	Ok,M
8	SSTDICC060	BP013675.D	31 Jan 2023 14:47	CG/JU	Ok,M
9	SSTDICC080	BP013676.D	31 Jan 2023 15:56	CG/JU	Ok,M
10	SSTDICV040	BP013677.D	31 Jan 2023 17:04	CG/JU	Ok,M
11	PB150507BL	BP013678.D	31 Jan 2023 17:39	CG/JU	Ok
12	PB150555BS	BP013679.D	31 Jan 2023 18:13	CG/JU	Ok,M
13	PB150555BL	BP013680.D	31 Jan 2023 18:47	CG/JU	Ok
14	PB150507BS	BP013681.D	31 Jan 2023 19:21	CG/JU	Ok,M
15	PB150507BSD	BP013682.D	31 Jan 2023 19:56	CG/JU	Ok,M
16	PB150501BL	BP013683.D	31 Jan 2023 20:30	CG/JU	Not Ok
17	PB150378BS	BP013684.D	31 Jan 2023 21:04	CG/JU	Ok,M
18	PB150501BS	BP013685.D	31 Jan 2023 21:38	CG/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF011923

Review By	Christian	Review On	1/20/2023 4:18:26 PM				
Supervise By	Jagrut	Supervise On	1/20/2023 5:07:11 PM				
SubDirectory	BF011923	HP Acquire Method	BNA_F	HP Processing Method	Bf011923		
STD. NAME		STD REF.#					
Tune/Reschk		SP6029					
Initial Calibration Stds		SP6099,SP6098,SP6097,SP6096,SP6095,SP6094,SP6093,SP6092					
CCC		SP6095					
Internal Standard/PEM		S10813,10ul/1000ul sample					
ICV/I.BLK		SP6101					
Surrogate Standard							
MS/MSD Standard							
LCS Standard							

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF132139.D	19 Jan 2023 10:46		CG\JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF132140.D	19 Jan 2023 11:21		CG\JU	Ok
3	SSTDICC005	SSTDICC005	BF132141.D	19 Jan 2023 11:53	Compound #9,32,41,54,,65,,85 removed from 5ppm	CG\JU	Ok,M
4	SSTDICC010	SSTDICC010	BF132142.D	19 Jan 2023 12:26	Compound #26,32,48,54,65,80,84,87,92 Kept on LR and Compound#85 Kept on QR	CG\JU	Ok
5	SSTDICC020	SSTDICC020	BF132143.D	19 Jan 2023 12:59		CG\JU	Ok
6	SSTDICCC040	SSTDICCC040	BF132144.D	19 Jan 2023 13:32	The Calibration is Good For both 8270 DOD and 625.1 Method.	CG\JU	Ok,M
7	SSTDICC050	SSTDICC050	BF132145.D	19 Jan 2023 14:05		CG\JU	Ok,M
8	SSTDICC060	SSTDICC060	BF132146.D	19 Jan 2023 14:38	Compound #26 removed from 60ppm	CG\JU	Ok,M
9	SSTDICC080	SSTDICC080	BF132147.D	19 Jan 2023 15:11	Compound #09,26,45 removed from 80ppm	CG\JU	Ok,M
10	SSTDICV040	ICVBF011923	BF132148.D	19 Jan 2023 15:44		CG\JU	Ok
11	PB150317BL	PB150317BL	BF132149.D	19 Jan 2023 16:23		CG\JU	Ok
12	PB150317BS	PB150317BS	BF132150.D	19 Jan 2023 17:30		CG\JU	Ok,M
13	PB150317BSD	PB150317BSD	BF132151.D	19 Jan 2023 18:03		CG\JU	Ok,M
14	SP6108	SP6108	BF132152.D	19 Jan 2023 18:36	8270/625 SPIKE	CG\JU	Ok,M

M : Manual Integration



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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF012023

Review By	Christian	Review On	1/23/2023 9:32:40 AM				
Supervise By	Jagrut	Supervise On	1/23/2023 10:45:37 AM				
SubDirectory	BF012023	HP Acquire Method	BNA_F	HP Processing Method	Bf011923		
STD. NAME		STD REF.#					
Tune/Reschk		SP6029					
Initial Calibration Stds		SP6099,SP6098,SP6097,SP6096,SP6095,SP6094,SP6093,SP6092					
CCC		SP6095					
Internal Standard/PEM		S10813,10ul/1000ul sample					
ICV/I.BLK		SP6101					
Surrogate Standard							
MS/MSD Standard							
LCS Standard							

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF132153.D	20 Jan 2023 09:28		CG\JU	Ok
2	SSTDCCC040	SSTDCCC040	BF132154.D	20 Jan 2023 09:59		CG\JU	Ok,M
3	PB150196BL	PB150196BL	BF132155.D	20 Jan 2023 10:31		CG\JU	Ok
4	N3980-02	LOQ-SOIL-02-QT3-202	BF132156.D	20 Jan 2023 11:07	LOQ-SOIL 5ppm	CG\JU	Ok
5	N3980-02	LOQ-SOIL-02-QT3-202	BF132157.D	20 Jan 2023 12:09	LOQ-SOIL 10ppm -Recovery fails For certain compounds	CG\JU	Not Ok
6	N3980-02	LOQ-SOIL-02-QT3-202	BF132158.D	20 Jan 2023 13:04	LOQ-SOIL 10ppm	CG\JU	Ok
7	N3980-08	LOQ-WATER-02-QT3-2	BF132159.D	20 Jan 2023 13:37	LOQ-WATER-5ppm - Recovery of 2-Nitrophenol biased high	CG\JU	Not Ok
8	N3980-08	LOQ-WATER-02-QT3-2	BF132160.D	20 Jan 2023 14:09	LOQ-WATER-10ppm	CG\JU	Ok,M
9	N3980-08	LOQ-WATER-02-QT3-2	BF132161.D	20 Jan 2023 15:02	LOQ-WATER-5ppm	CG\JU	Ok,M
10	SSTDCCC040	SSTDCCC040EC	BF132162.D	20 Jan 2023 15:35		CG\JU	Ok,M
11	DFTPP	DFTPP	BF132163.D	20 Jan 2023 16:08		CG\JU	Ok
12	SSTDCCC040	SSTDCCC040	BF132164.D	20 Jan 2023 16:40		CG\JU	Ok,M
13	PB150261BL	PB150261BL	BF132165.D	20 Jan 2023 17:13		CG\JU	Ok
14	PB150261BS	PB150261BS	BF132166.D	20 Jan 2023 17:50		CG\JU	Ok,M
15	O1160-01	B-04-SB02	BF132167.D	20 Jan 2023 18:23		CG\JU	Ok
16	O1160-01MS	B-04-SB02MS	BF132168.D	20 Jan 2023 18:56		CG\JU	Ok,M
17	O1160-01MSD	B-04-SB02MSD	BF132169.D	20 Jan 2023 19:30		CG\JU	Ok,M
18	O1233-02	B-P34A	BF132170.D	20 Jan 2023 20:03		CG\JU	Ok

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF012023

Review By	Christian	Review On	1/23/2023 9:32:40 AM					
Supervise By	Jagrut	Supervise On	1/23/2023 10:45:37 AM					
SubDirectory	BF012023	HP Acquire Method	BNA_F	HP Processing Method	Bf011923			
STD. NAME		STD REF.#						
Tune/Reschk		SP6029						
Initial Calibration Stds		SP6099,SP6098,SP6097,SP6096,SP6095,SP6094,SP6093,SP6092						
CCC		SP6095						
Internal Standard/PEM		S10813,10ul/1000ul sample						
ICV/I.BLK		SP6101						
Surrogate Standard								
MS/MSD Standard								
LCS Standard								

19	O1233-02MS	B-P34AMS	BF132171.D	20 Jan 2023 20:35		CG\JU	Ok,M
20	O1233-02MSD	B-P34AMSD	BF132172.D	20 Jan 2023 21:08		CG\JU	Ok,M
21	O1214-06	TJRC-011723-B3-10-20	BF132173.D	20 Jan 2023 21:41		CG\JU	Ok,M
22	O1233-07	B-P37B	BF132174.D	20 Jan 2023 22:13		CG\JU	Ok
23	O1232-01	B-P-17A	BF132175.D	20 Jan 2023 22:46		CG\JU	Ok
24	O1232-02	B-P-17B	BF132176.D	20 Jan 2023 23:19	Bad Injection	CG\JU	Not Ok
25	O1232-08	B-P-35A	BF132177.D	20 Jan 2023 23:51		CG\JU	Ok
26	O1233-03	B-P34B	BF132178.D	21 Jan 2023 00:23		CG\JU	Ok
27	O1233-04	B-P36A	BF132179.D	21 Jan 2023 00:56		CG\JU	Ok
28	O1233-05	B-P36B	BF132180.D	21 Jan 2023 01:28		CG\JU	Ok
29	O1233-09	B-P38B	BF132181.D	21 Jan 2023 02:00		CG\JU	Ok
30	O1233-11	B-P38C	BF132182.D	21 Jan 2023 02:33	Need 5X	CG\JU	Dilution
31	SSTDCCC040	SSTDCCC040EC	BF132183.D	21 Jan 2023 03:05		CG\JU	Ok,M

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP012323

Review By	Christian	Review On	1/24/2023 10:15:33 AM				
Supervise By	Jagrut	Supervise On	1/24/2023 10:33:07 AM				
SubDirectory	BP012323	HP Acquire Method	BNA_P	HP Processing Method	bp012323		
STD. NAME		STD REF.#					
Tune/Reschk Initial Calibration Stds		SP6029 SP6099,SP6098,SP6097,SP6096,SP6095,SP6094,SP6093,SP6092					
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard		SP6095 S10812,10ul/1000ul sample SP6101					

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP013544.D	23 Jan 2023 10:51		CG/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP013545.D	23 Jan 2023 11:25		CG/JU	Ok
3	SSTDICC005	SSTDICC005	BP013546.D	23 Jan 2023 12:00	Compound #32,41,56,65,70 removed from 5ppm	CG/JU	Ok,M
4	SSTDICC010	SSTDICC010	BP013547.D	23 Jan 2023 12:34		CG/JU	Ok,M
5	SSTDICC020	SSTDICC020	BP013548.D	23 Jan 2023 13:08	Compound #41,48,51,53,56,57,62,70 kept on LR and Compound#26,32,54,65 kept on QR	CG/JU	Ok
6	SSTDICCC040	SSTDICCC040	BP013549.D	23 Jan 2023 13:42	The Calibration is Good For 8270 DOD and Not good for 625.1 Method	CG/JU	Ok
7	SSTDICC050	SSTDICC050	BP013550.D	23 Jan 2023 14:17		CG/JU	Ok
8	SSTDICC060	SSTDICC060	BP013551.D	23 Jan 2023 14:51	Compound #9 removed from 60ppm	CG/JU	Ok,M
9	SSTDICC080	SSTDICC080	BP013552.D	23 Jan 2023 16:01	Compound #09,26,42,54,56,57,62,80 removed from 80ppm	CG/JU	Ok,M
10	SSTDICV040	ICVBP012323	BP013553.D	23 Jan 2023 18:39		CG/JU	Ok
11	PB150389BL	PB150389BL	BP013554.D	23 Jan 2023 19:14		CG/JU	Ok
12	PB150341BL	PB150341BL	BP013555.D	23 Jan 2023 19:48		CG/JU	Ok
13	PB150389BS	PB150389BS	BP013556.D	23 Jan 2023 20:22		CG/JU	Ok,M
14	PB150341BS	PB150341BS	BP013557.D	23 Jan 2023 20:56		CG/JU	Ok
15	PB150338BL	PB150338BL	BP013558.D	23 Jan 2023 21:30		CG/JU	Ok



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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP012323

Review By	Christian	Review On	1/24/2023 10:15:33 AM				
Supervise By	Jagrut	Supervise On	1/24/2023 10:33:07 AM				
SubDirectory	BP012323	HP Acquire Method	BNA_P	HP Processing Method	bp012323		
STD. NAME		STD REF.#					
Tune/Reschk		SP6029					
Initial Calibration Stds		SP6099,SP6098,SP6097,SP6096,SP6095,SP6094,SP6093,SP6092					
CCC		SP6095					
Internal Standard/PEM		S10812,10ul/1000ul sample					
ICV/I.BLK		SP6101					
Surrogate Standard							
MS/MSD Standard							
LCS Standard							
16	PB150338BS	PB150338BS	BP013559.D	23 Jan 2023 22:04		CG/JU	Ok,M
17	PB150338BSD	PB150338BSD	BP013560.D	23 Jan 2023 22:38		CG/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP012423

Review By	Christian	Review On	1/25/2023 10:53:20 AM				
Supervise By	Jagrut	Supervise On	1/25/2023 5:44:02 PM				
SubDirectory	BP012423	HP Acquire Method	BNA_P	HP Processing Method	bp012323		
STD. NAME		STD REF.#					
Tune/Reschk		SP6029					
Initial Calibration Stds		SP6099,SP6098,SP6097,SP6096,SP6095,SP6094,SP6093,SP6092					
CCC		SP6095					
Internal Standard/PEM		S10812,10ul/1000ul sample					
ICV/I.BLK		SP6101					
Surrogate Standard							
MS/MSD Standard							
LCS Standard							

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP013561.D	24 Jan 2023 09:20		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP013562.D	24 Jan 2023 09:53		CG/JU	Ok,M
3	PB150368TB	PB150368TB	BP013563.D	24 Jan 2023 10:28		CG/JU	Ok
4	O1239-02	BORING-3	BP013564.D	24 Jan 2023 11:09		CG/JU	Ok
5	O1233-10	WC-38	BP013565.D	24 Jan 2023 11:43		CG/JU	Ok
6	O1232-02	B-P-17B	BP013566.D	24 Jan 2023 12:17		CG/JU	Ok
7	O1221-02	MW-11-0118	BP013567.D	24 Jan 2023 12:51		CG/JU	Ok
8	O1214-18	TJRC-011823-GW	BP013568.D	24 Jan 2023 13:25		CG/JU	Ok
9	O1214-19	TJRC-011823-GW-DUP	BP013569.D	24 Jan 2023 14:00		CG/JU	Ok
10	DFTPP	DFTPP	BP013570.D	24 Jan 2023 14:38		CG/JU	Ok
11	SSTDCCC040	SSTDCCC040	BP013571.D	24 Jan 2023 15:13		CG/JU	Ok
12	PB150378BL	PB150378BL	BP013572.D	24 Jan 2023 15:50		CG/JU	Ok
13	O1255-02	BORING-1	BP013573.D	24 Jan 2023 16:28	com# 57,65, biased High in the CCC. ANALYZE AGAIN	CG/JU	Not Ok
14	O1252-03	MH-9	BP013574.D	24 Jan 2023 17:02	com# 57 biased High in the CCC.	CG/JU	Not Ok
15	O1190-02	PE-1D	BP013575.D	24 Jan 2023 17:36		CG/JU	Ok
16	O1190-02MS	PE-1DMS	BP013576.D	24 Jan 2023 18:11		CG/JU	Ok,M
17	O1190-02MSD	PE-1DMSD	BP013577.D	24 Jan 2023 18:45		CG/JU	Ok,M
18	O1190-04	PE-3	BP013578.D	24 Jan 2023 19:19		CG/JU	Ok,M

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP012423

Review By	Christian	Review On	1/25/2023 10:53:20 AM
Supervise By	Jagrut	Supervise On	1/25/2023 5:44:02 PM
SubDirectory	BP012423	HP Acquire Method	BNA_P
		HP Processing Method	bp012323

STD. NAME	STD REF.#
Tune/Reschk	SP6029
Initial Calibration Stds	SP6099,SP6098,SP6097,SP6096,SP6095,SP6094,SP6093,SP6092
CCC	SP6095
Internal Standard/PEM	S10812,10ul/1000ul sample
ICV/I.BLK	SP6101
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	O1255-01	BORING-1	BP013579.D	24 Jan 2023 19:53		CG/JU	Ok
20	O1260-10	TP-24	BP013580.D	24 Jan 2023 20:27		CG/JU	Ok
21	O1232-09	B-P-35B	BP013581.D	24 Jan 2023 21:02		CG/JU	Ok
22	O1190-14	WS-2	BP013582.D	24 Jan 2023 21:36		CG/JU	Ok,M
23	O1252-01	MH-9	BP013583.D	24 Jan 2023 22:10		CG/JU	Ok
24	O1232-03	WC-17	BP013584.D	24 Jan 2023 22:44		CG/JU	Ok
25	O1190-12	WS-1	BP013585.D	24 Jan 2023 23:18		CG/JU	Ok,M
26	O1232-04	B-P-18A	BP013586.D	24 Jan 2023 23:52		CG/JU	Ok
27	O1260-04	TP-22	BP013587.D	25 Jan 2023 00:27		CG/JU	Ok
28	O1244-01	VNJ-223	BP013588.D	25 Jan 2023 01:01		CG/JU	Ok
29	O1260-13	TP-25	BP013589.D	25 Jan 2023 01:35		CG/JU	Ok
30	O1233-11DL	B-P38CDL	BP013590.D	25 Jan 2023 02:09		CG/JU	Ok

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP013123

Review By	Christian	Review On	2/1/2023 2:25:59 PM				
Supervise By	Jagrut	Supervise On	2/1/2023 5:46:58 PM				
SubDirectory	BP013123	HP Acquire Method	BNA_P	HP Processing Method	bp013123		
STD. NAME		STD REF.#					
Tune/Reschk Initial Calibration Stds		SP6029 SP6099,SP6098,SP6097,SP6096,SP6095,SP6094,SP6093,SP6092					
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard		SP6095 S10816,10ul/1000ul sample SP6101					

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP013668.D	31 Jan 2023 10:47		CG/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP013669.D	31 Jan 2023 11:21		CG/JU	Ok
3	SSTDICC005	SSTDICC005	BP013670.D	31 Jan 2023 11:55	Compound #32,41,54,56,65 removed from 5ppm	CG/JU	Ok,M
4	SSTDICC010	SSTDICC010	BP013671.D	31 Jan 2023 12:30		CG/JU	Ok,M
5	SSTDICC020	SSTDICC020	BP013672.D	31 Jan 2023 13:04	Compound #26,32,48,51,53,54,57,62,65 Kept on LR and Compound# 09 kept on QR	CG/JU	Ok
6	SSTDICCC040	SSTDICCC040	BP013673.D	31 Jan 2023 13:38	The calibration is Good For 8270 DOD and Not good for 625.1 Method.	CG/JU	Ok
7	SSTDICC050	SSTDICC050	BP013674.D	31 Jan 2023 14:12		CG/JU	Ok,M
8	SSTDICC060	SSTDICC060	BP013675.D	31 Jan 2023 14:47		CG/JU	Ok,M
9	SSTDICC080	SSTDICC080	BP013676.D	31 Jan 2023 15:56	Compound #9 removed from 80ppm	CG/JU	Ok,M
10	SSTDICV040	ICVBP013123	BP013677.D	31 Jan 2023 17:04		CG/JU	Ok,M
11	PB150507BL	PB150507BL	BP013678.D	31 Jan 2023 17:39		CG/JU	Ok
12	PB150555BS	PB150555BS	BP013679.D	31 Jan 2023 18:13		CG/JU	Ok,M
13	PB150555BL	PB150555BL	BP013680.D	31 Jan 2023 18:47		CG/JU	Ok
14	PB150507BS	PB150507BS	BP013681.D	31 Jan 2023 19:21		CG/JU	Ok,M
15	PB150507BSD	PB150507BSD	BP013682.D	31 Jan 2023 19:56		CG/JU	Ok,M
16	PB150501BL	PB150501BL	BP013683.D	31 Jan 2023 20:30	Surrogate Fail	CG/JU	Not Ok
17	PB150378BS	PB150378BS	BP013684.D	31 Jan 2023 21:04		CG/JU	Ok,M



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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP013123

Review By	Christian	Review On	2/1/2023 2:25:59 PM				
Supervise By	Jagrut	Supervise On	2/1/2023 5:46:58 PM				
SubDirectory	BP013123	HP Acquire Method	BNA_P	HP Processing Method	bp013123		
STD. NAME	STD REF.#						
Tune/Reschk	SP6029						
Initial Calibration Stds	SP6099,SP6098,SP6097,SP6096,SP6095,SP6094,SP6093,SP6092						
CCC	SP6095						
Internal Standard/PEM	S10816,10ul/1000ul sample						
ICV/I.BLK	SP6101						
Surrogate Standard							
MS/MSD Standard							
LCS Standard							
18	PB150501BS	PB150501BS	BP013685.D	31 Jan 2023 21:38		CG/JU	Ok,M

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 1/23/2023

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 01/20/2023
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN-1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:30
Out Date: 01/21/2023
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: %SOLIDS-OVEN

QC:LB123747

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
O1229-01	OK-02-011923	1	1.12	8.72	9.84	8.73	87.3	
O1229-02	OK-02-011923-EPH-2	2	1.12	8.72	9.84	8.73	87.3	
O1230-01	BBC	3	1.15	8.45	9.6	9.47	98.5	
O1231-01	BBC	4	1.19	8.53	9.72	9.57	98.2	
O1232-01	B-P-17A	18	1.15	8.78	9.93	9.00	89.4	
O1232-02	B-P-17B	19	1.15	8.41	9.56	8.46	86.9	
O1232-03	WC-17	20	1.13	8.64	9.77	9.03	91.4	
O1232-04	B-P-18A	21	1.13	8.57	9.7	8.63	87.5	
O1232-05	B-P-18B	22	1.15	8.83	9.98	9.22	91.4	
O1232-06	B-P-19A	23	1.12	8.57	9.69	8.68	88.2	
O1232-07	B-P-19B	24	1.18	8.35	9.53	8.53	88.0	
O1232-08	B-P-35A	25	1.13	8.62	9.75	9.00	91.3	
O1232-09	B-P-35B	26	1.17	8.53	9.7	9.13	93.3	
O1232-10	DUP01	27	1.15	8.80	9.95	9.08	90.1	
O1233-02	B-P34A	28	1.13	8.76	9.89	8.6	85.3	
O1233-03	B-P34B	29	1.13	8.71	9.84	9.03	90.7	
O1233-04	B-P36A	30	1.16	8.75	9.91	9.00	89.6	
O1233-05	B-P36B	31	1.13	8.84	9.97	9.12	90.4	
O1233-06	B-P37A	32	1.18	8.60	9.78	8.74	87.9	
O1233-07	B-P37B	33	1.18	8.38	9.56	8.18	83.5	
O1233-08	B-P38A	34	1.12	8.66	9.78	8.85	89.3	
O1233-09	B-P38B	35	1.15	8.81	9.96	8.26	80.7	
O1233-10	WC-38	36	1.18	8.59	9.77	8.47	84.9	
O1233-11	B-P38C	37	1.15	8.82	9.97	8.73	85.9	
O1234-01	EO-02-11923	5	1.14	8.82	9.96	8.72	85.9	
O1234-02	EO-02-11923	6	1.12	8.54	9.66	8.48	86.2	
O1235-04	12X52	7	1.12	7.08	8.2	6.57	77.0	
O1235-05	12X53	8	1.16	5.17	6.33	5.91	91.9	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 1/23/2023

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 01/20/2023
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN-1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:30
Out Date: 01/21/2023
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: %SOLIDS-OVEN

QC:LB123747

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
O1235-06	12X54	9	1.11	8.50	9.61	5.73	54.4	
O1235-07	12X55	10	1.13	8.43	9.56	7.14	71.3	
O1237-01	COMP-1-2-3A	11	1.18	8.72	9.9	9.24	92.4	
O1237-02	3A	12	1.13	8.44	9.57	9.33	97.2	
O1238-01	RBRB22281-OILY-DEBRIS	13	1.00	1.00	2.00	2.00	100.0	OILY DEBRIS
O1239-01	BORING-3	14	1.17	8.73	9.9	8.29	81.6	
O1239-03	BORING-3-EPH-2	15	1.13	8.64	9.77	8.31	83.1	
O1240-01	TR-05-011923	16	1.18	8.50	9.68	8.38	84.7	
O1240-02	TR-05-011923-EPH-2	17	1.17	8.67	9.84	8.73	87.2	
O1241-01	34326-FRONT	38	1.00	1.00	2.00	2.00	100.0	PILC REEL
O1241-02	34326-BACK	39	1.00	1.00	2.00	2.00	100.0	PILC REEL
O1241-03	34327-FRONT	40	1.00	1.00	2.00	2.00	100.0	PILC REEL
O1241-04	34327-BACK	41	1.00	1.00	2.00	2.00	100.0	PILC REEL
O1241-05	34328-FRONT	42	1.00	1.00	2.00	2.00	100.0	PILC REEL
O1241-06	34328BACK	43	1.00	1.00	2.00	2.00	100.0	PILC REEL
O1241-07	343269-FRONT	44	1.00	1.00	2.00	2.00	100.0	PILC REEL
O1241-08	34329-BACK	45	1.00	1.00	2.00	2.00	100.0	PILC REEL
O1243-01	TJRC-11823-B4-0-10	60	1.12	8.65	9.77	8.54	85.8	
O1243-02	TJRC-11823-B4-0-10	61	1.14	8.45	9.59	8.02	81.4	
O1243-03	TJRC-11823-B4-10-20	62	1.15	8.81	9.96	8.85	87.4	
O1243-04	TJRC-11823-B4-10-20	63	1.17	8.57	9.74	8.16	81.6	
O1243-05	TJRC-11923-B4-20-30	64	1.15	8.75	9.9	8.28	81.5	
O1243-06	TJRC-11923-B4-20-30	65	1.13	8.70	9.83	8.43	83.9	
O1243-07	TJRC-11923-B4-30-40	66	1.16	8.77	9.93	8.29	81.3	
O1243-08	TJRC-11923-B4-30-40	67	1.14	8.83	9.97	8.47	83.0	
O1244-01	VNJ-223	46	1.12	8.62	9.74	8.59	86.7	
O1244-02	VNJ-223	47	1.16	8.80	9.96	8.62	84.8	
O1248-05	SVOC-GPC-BLANK	50	1.00	1.00	2.00	2.00	100.0	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 1/23/2023

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 01/20/2023
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN-1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:30
Out Date: 01/21/2023
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: %SOLIDS-OVEN

QC:LB123747

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
O1248-06	PEST-GPC-BLANK	51	1.00	1.00	2.00	2.00	100.0	
O1248-07	PEST-GPC-BLANK-SPIKE	52	1.00	1.00	2.00	2.00	100.0	
O1248-08	PCB-GPC-BLANK	53	1.00	1.00	2.00	2.00	100.0	
O1248-09	PCB-GPC-BLANK-SPIKE	54	1.00	1.00	2.00	2.00	100.0	
O1248-10	SVOC-GPC2-BLANK	55	1.00	1.00	2.00	2.00	100.0	
O1248-11	PEST-GPC2-BLANK	56	1.00	1.00	2.00	2.00	100.0	
O1248-12	PEST-GPC2-BLANK-SPIKE	57	1.00	1.00	2.00	2.00	100.0	
O1248-13	PCB-GCP2-BLANK	58	1.00	1.00	2.00	2.00	100.0	
O1248-14	PCB-GCP2-BLANK-SPIKE	59	1.00	1.00	2.00	2.00	100.0	
O1251-01	COMP-1	68	1.13	8.43	9.56	8.44	86.7	
O1251-03	EPH-1	69	1.11	8.51	9.62	8.47	86.5	
O1251-05	TOT-VOC-1	70	1.00	1.00	2.00	2.00	100.0	no jar
O1251-06	TOT-VOC-2	71	1.00	1.00	2.00	2.00	100.0	no jar
O1251-07	COMP-2	72	1.12	8.74	9.86	8.75	87.3	
O1251-09	EPH-2	73	1.14	8.80	9.94	8.8	87.0	
O1251-11	TOT-VOC-3	74	1.00	1.00	2.00	2.00	100.0	no jar
O1251-12	TOT-VOC-4	75	1.00	1.00	2.00	2.00	100.0	no jar
O1252-01	MH-9	48	1.14	8.84	9.98	9.47	94.2	
O1252-02	MH-9-EPH	49	1.12	8.46	9.58	8.67	89.2	
O1253-01	SU-04-012023	79	1.12	8.47	9.59	8.99	92.9	
O1253-02	SU-04-012023-EPH-2	80	1.18	8.69	9.87	9.17	91.9	
O1254-01	HR-04-012023	81	1.13	8.66	9.79	9.09	91.9	
O1254-02	HR-04-012023-EPH-2	82	1.16	8.69	9.85	8.95	89.6	
O1255-01	BORING-1	76	1.18	8.61	9.79	8.32	82.9	
O1255-03	BORING-1-EPH-2	77	1.11	8.78	9.89	8.35	82.5	
O1256-01	OR-02-012023	83	1.15	8.81	9.96	9.09	90.1	
O1256-02	OR-02-012023-EPH-2	84	1.1	8.87	9.97	8.66	85.2	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 1/23/2023

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 01/20/2023
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN-1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:30
Out Date: 01/21/2023
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: %SOLIDS-OVEN

QC:LB123747

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
O1258-01	WASTE-VOA-2	78	1.12	8.58	9.7	8.62	87.4	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

WorkList Name : %1-012023

WorkList ID : 166715

Department : Wet-Chemistry

Date : 01-20-2023 09:10:27

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
01/24/2023	Solid	O1229-01	Percent Solids	Cool 4 deg C	PSEG05	N11	OK-02-011923	01/19/2023	Chemtech -SO
01/24/2023	Solid	O1229-02	Percent Solids	Cool 4 deg C	PSEG05	N11	OK-02-011923-EPH-2	01/19/2023	Chemtech -SO
01/26/2023	Solid	O1230-01	Percent Solids	Cool 4 deg C	EART12	N11	BBC	01/19/2023	Chemtech -SO
01/26/2023	Solid	O1231-01	Percent Solids	Cool 4 deg C	EART12	N11	BBC	01/19/2023	Chemtech -SO
01/26/2023	Solid	O1232-01	Percent Solids	Cool 4 deg C	loui01	N11	B-P-17A	01/18/2023	Chemtech -SO
01/26/2023	Solid	O1232-02	Percent Solids	Cool 4 deg C	loui01	N11	B-P-17B	01/18/2023	Chemtech -SO
01/26/2023	Solid	O1232-03	Percent Solids	Cool 4 deg C	loui01	N11	WC-17	01/18/2023	Chemtech -SO
01/26/2023	Solid	O1232-04	Percent Solids	Cool 4 deg C	loui01	N11	B-P-18A	01/18/2023	Chemtech -SO
01/26/2023	Solid	O1232-05	Percent Solids	Cool 4 deg C	loui01	N11	B-P-18B	01/18/2023	Chemtech -SO
01/26/2023	Solid	O1232-06	Percent Solids	Cool 4 deg C	loui01	N11	B-P-19A	01/18/2023	Chemtech -SO
01/26/2023	Solid	O1232-07	Percent Solids	Cool 4 deg C	loui01	N11	B-P-19B	01/18/2023	Chemtech -SO
01/26/2023	Solid	O1232-08	Percent Solids	Cool 4 deg C	loui01	N11	B-P-35A	01/18/2023	Chemtech -SO
01/26/2023	Solid	O1232-09	Percent Solids	Cool 4 deg C	loui01	N11	B-P-35B	01/18/2023	Chemtech -SO
01/26/2023	Solid	O1232-10	Percent Solids	Cool 4 deg C	loui01	N11	DUP01	01/18/2023	Chemtech -SO
01/26/2023	Solid	O1233-02	Percent Solids	Cool 4 deg C	loui01	N11	B-P-34A	01/18/2023	Chemtech -SO
01/26/2023	Solid	O1233-03	Percent Solids	Cool 4 deg C	loui01	N11	B-P-34B	01/18/2023	Chemtech -SO
01/26/2023	Solid	O1233-04	Percent Solids	Cool 4 deg C	loui01	N11	B-P-36A	01/18/2023	Chemtech -SO
01/26/2023	Solid	O1233-05	Percent Solids	Cool 4 deg C	loui01	N11	B-P-36B	01/18/2023	Chemtech -SO
01/26/2023	Solid	O1233-06	Percent Solids	Cool 4 deg C	loui01	N11	B-P-37A	01/18/2023	Chemtech -SO
01/26/2023	Solid	O1233-07	Percent Solids	Cool 4 deg C	loui01	N11	B-P-37B	01/18/2023	Chemtech -SO
01/26/2023	Solid	O1233-08	Percent Solids	Cool 4 deg C	loui01	N11	B-P-38A	01/18/2023	Chemtech -SO

Date/Time 01-20-23 15:45

Raw Sample Received by: 70 (wjc)

Raw Sample Relinquished by: JDCSM

Date/Time 01-20-23

Raw Sample Received by: JDCSM

Raw Sample Relinquished by: JDCSM

123747

WORKLIST(Hardcopy Internal Chain)

WorkList Name : %1-012023 WorkList ID : 166715 Department : Wet-Chemistry Date : 01-20-2023 09:10:27

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
01/26/2023	Solid	O1233-09	Percent Solids	Cool 4 deg C	loui01	N11	B-P38B	01/18/2023	Chemtech -SO
01/26/2023	Solid	O1233-10	Percent Solids	Cool 4 deg C	loui01	N11	WC-38	01/18/2023	Chemtech -SO
01/26/2023	Solid	O1233-11	Percent Solids	Cool 4 deg C	loui01	N11	B-P38C	01/18/2023	Chemtech -SO
01/24/2023	Solid	O1234-01	Percent Solids	Cool 4 deg C	PSEG05	N11	EO-02-11923	01/19/2023	Chemtech -SO
01/24/2023	Solid	O1234-02	Percent Solids	Cool 4 deg C	PSEG05	N11	EO-02-11923	01/19/2023	Chemtech -SO
01/28/2023	Solid	O1235-04	Percent Solids	Cool 4 deg C	ATCE02	N11	12X52	01/18/2023	Chemtech -SO
01/28/2023	Solid	O1235-05	Percent Solids	Cool 4 deg C	ATCE02	N11	12X53	01/18/2023	Chemtech -SO
01/28/2023	Solid	O1235-06	Percent Solids	Cool 4 deg C	ATCE02	N11	12X54	01/18/2023	Chemtech -SO
01/28/2023	Solid	O1235-07	Percent Solids	Cool 4 deg C	ATCE02	N11	12X55	01/18/2023	Chemtech -SO
01/24/2023	Solid	O1237-01	Percent Solids	Cool 4 deg C	PSEG03	N12	COMP-1-2-3A	01/19/2023	Chemtech -SO
01/24/2023	Solid	O1237-02	Percent Solids	Cool 4 deg C	PSEG03	N12	3A	01/19/2023	Chemtech -SO
01/24/2023	Solid	O1238-01	Percent Solids	Cool 4 deg C	PSEG03	N12	RBRB22281-OILY-DEBRIS	01/19/2023	Chemtech -SO
01/26/2023	Solid	O1239-01	Percent Solids	Cool 4 deg C	PSEG03	N12	BORING-3	01/19/2023	Chemtech -SO
01/26/2023	Solid	O1239-03	Percent Solids	Cool 4 deg C	PSEG03	N12	BORING-3-EPH-2	01/19/2023	Chemtech -SO
01/24/2023	Solid	O1240-01	Percent Solids	Cool 4 deg C	PSEG05	N12	TR-05-011923	01/19/2023	Chemtech -SO
01/24/2023	Solid	O1240-02	Percent Solids	Cool 4 deg C	PSEG05	N12	TR-05-011923-EPH-2	01/19/2023	Chemtech -SO
01/27/2023	Solid	O1241-01	Percent Solids	Cool 4 deg C	PSEG03	N11	34326-FRONT	01/20/2023	Chemtech -SO
01/27/2023	Solid	O1241-02	Percent Solids	Cool 4 deg C	PSEG03	N11	34326-BACK	01/20/2023	Chemtech -SO
01/27/2023	Solid	O1241-03	Percent Solids	Cool 4 deg C	PSEG03	N11	34327-FRONT	01/20/2023	Chemtech -SO
01/27/2023	Solid	O1241-04	Percent Solids	Cool 4 deg C	PSEG03	N11	34327-BACK	01/20/2023	Chemtech -SO
01/27/2023	Solid	O1241-05	Percent Solids	Cool 4 deg C	PSEG03	N11	34328-FRONT	01/20/2023	Chemtech -SO

Date/Time 01-20-23 15:45
 Raw Sample Received by: JO (WCC)
 Raw Sample Relinquished by: JO CSM

Date/Time 01-20-23 17:25
 Raw Sample Received by: JDCSM
 Raw Sample Relinquished by: JO (WCC)

123747

WORKLIST(Hardcopy Internal Chain)

WorkList Name : %1-01/2023 WorkList ID : 166715 Department : Wet-Chemistry Date : 01-20-2023 09:10:27

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
01/27/2023	Solid	O1241-06	Percent Solids	Cool 4 deg C	PSEG03	N11	34328BACK	01/20/2023	Chemtech -SO
01/27/2023	Solid	O1241-07	Percent Solids	Cool 4 deg C	PSEG03	N11	343269-FRONT	01/20/2023	Chemtech -SO
01/27/2023	Solid	O1241-08	Percent Solids	Cool 4 deg C	PSEG03	N11	34329-BACK	01/20/2023	Chemtech -SO
01/28/2023	Solid	O1243-01	Percent Solids	Cool 4 deg C	ENTE01	N11	TJRC-11823-B4-0-10	01/18/2023	Chemtech -SO
01/28/2023	Solid	O1243-02	Percent Solids	Cool 4 deg C	ENTE01	N11	TJRC-11823-B4-0-10	01/18/2023	Chemtech -SO
01/28/2023	Solid	O1243-03	Percent Solids	Cool 4 deg C	ENTE01	N11	TJRC-11823-B4-10-20	01/18/2023	Chemtech -SO
01/28/2023	Solid	O1243-04	Percent Solids	Cool 4 deg C	ENTE01	N11	TJRC-11823-B4-10-20	01/18/2023	Chemtech -SO
01/29/2023	Solid	O1243-05	Percent Solids	Cool 4 deg C	ENTE01	N11	TJRC-11823-B4-20-30	01/19/2023	Chemtech -SO
01/29/2023	Solid	O1243-06	Percent Solids	Cool 4 deg C	ENTE01	N11	TJRC-11823-B4-20-30	01/19/2023	Chemtech -SO
01/29/2023	Solid	O1243-07	Percent Solids	Cool 4 deg C	ENTE01	N11	TJRC-11823-B4-30-40	01/19/2023	Chemtech -SO
01/29/2023	Solid	O1243-08	Percent Solids	Cool 4 deg C	ENTE01	N11	TJRC-11823-B4-30-40	01/19/2023	Chemtech -SO
01/27/2023	Solid	O1244-01	Percent Solids	Cool 4 deg C	PSEG03	N11	VNJ-223	01/20/2023	Chemtech -SO
01/27/2023	Solid	O1244-02	Percent Solids	Cool 4 deg C	PSEG03	N11	VNJ-223	01/20/2023	Chemtech -SO
01/23/2023	Solid	O1248-05	Percent Solids	Cool 4 deg C	CHEM02	N11	SVOC-GPC-BLANK	01/13/2023	Chemtech -SO
01/23/2023	Solid	O1248-06	Percent Solids	Cool 4 deg C	CHEM02	N11	PEST-GPC-BLANK	01/13/2023	Chemtech -SO
01/23/2023	Solid	O1248-07	Percent Solids	Cool 4 deg C	CHEM02	N11	PEST-GPC-BLANK-SPIKE	01/13/2023	Chemtech -SO
01/23/2023	Solid	O1248-08	Percent Solids	Cool 4 deg C	CHEM02	N11	PCB-GPC-BLANK	01/13/2023	Chemtech -SO
01/23/2023	Solid	O1248-09	Percent Solids	Cool 4 deg C	CHEM02	N11	PCB-GPC-BLANK-SPIKE	01/13/2023	Chemtech -SO
01/23/2023	Solid	O1248-10	Percent Solids	Cool 4 deg C	CHEM02	N11	SVOC-GPC2-BLANK	01/13/2023	Chemtech -SO
01/23/2023	Solid	O1248-11	Percent Solids	Cool 4 deg C	CHEM02	N11	PEST-GPC2-BLANK	01/13/2023	Chemtech -SO
01/23/2023	Solid	O1248-12	Percent Solids	Cool 4 deg C	CHEM02	N11	PEST-GPC2-BLANK-SPIKE	01/13/2023	Chemtech -SO

Date/Time: 01/20/23 15:45 Date/Time: 01/20/23 17:25
 Raw Sample Received by: JP(WC) Raw Sample Received by: JDCSM2
 Raw Sample Relinquished by: JDCSM2 Raw Sample Relinquished by: JP(WC)

2523747

WORKLIST(Hardcopy Internal Chain)

WorkList Name : %1-012023 WorkList ID : 166715 Department : Wet-Chemistry Date : 01-20-2023 09:10:27

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
01/23/2023	Solid	O1248-13	Percent Solids	Cool 4 deg C	CHEM02	N11	PCB-GCP2-BLANK	01/13/2023	Chemtech -SO
01/23/2023	Solid	O1248-14	Percent Solids	Cool 4 deg C	CHEM02	N11	PCB-GCP2-BLANK-SPIKE	01/13/2023	Chemtech -SO
01/25/2023	Solid	O1251-01	Percent Solids	Cool 4 deg C	SOUN03	N11	COMP-1	01/20/2023	Chemtech -SO
01/25/2023	Solid	O1251-03	Percent Solids	Cool 4 deg C	SOUN03	N11	EPH-1	01/20/2023	Chemtech -SO
01/25/2023	Solid	O1251-05	Percent Solids	Cool 4 deg C	SOUN03	N11	TOT-VOC-1	01/20/2023	Chemtech -SO
01/25/2023	Solid	O1251-06	Percent Solids	Cool 4 deg C	SOUN03	N11	TOT-VOC-2	01/20/2023	Chemtech -SO
01/25/2023	Solid	O1251-07	Percent Solids	Cool 4 deg C	SOUN03	N11	COMP-2	01/20/2023	Chemtech -SO
01/25/2023	Solid	O1251-09	Percent Solids	Cool 4 deg C	SOUN03	N11	EPH-2	01/20/2023	Chemtech -SO
01/25/2023	Solid	O1251-11	Percent Solids	Cool 4 deg C	SOUN03	N11	TOT-VOC-3	01/20/2023	Chemtech -SO
01/25/2023	Solid	O1251-12	Percent Solids	Cool 4 deg C	SOUN03	N11	TOT-VOC-4	01/20/2023	Chemtech -SO
01/27/2023	Solid	O1252-01	Percent Solids	Cool 4 deg C	PSEG03	N11	MH-9	01/20/2023	Chemtech -SO
01/27/2023	Solid	O1252-02	Percent Solids	Cool 4 deg C	PSEG03	N11	MH-9-EPH	01/20/2023	Chemtech -SO
01/25/2023	Solid	O1253-01	Percent Solids	Cool 4 deg C	PSEG05	N13	SU-04-012023	01/20/2023	Chemtech -SO
01/25/2023	Solid	O1253-02	Percent Solids	Cool 4 deg C	PSEG05	N13	SU-04-012023-EPH-2	01/20/2023	Chemtech -SO
01/26/2023	Solid	O1254-01	Percent Solids	Cool 4 deg C	PSEG05	N11	HR-04-012023	01/20/2023	Chemtech -SO
01/26/2023	Solid	O1254-02	Percent Solids	Cool 4 deg C	PSEG05	N11	HR-04-012023-EPH-2	01/20/2023	Chemtech -SO
01/27/2023	Solid	O1255-01	Percent Solids	Cool 4 deg C	PSEG03	N11	BORING-1	01/20/2023	Chemtech -SO
01/27/2023	Solid	O1255-03	Percent Solids	Cool 4 deg C	PSEG03	N11	BORING-1-EPH-2	01/20/2023	Chemtech -SO
01/25/2023	Solid	O1256-01	Percent Solids	Cool 4 deg C	PSEG05	N11	OR-02-012023	01/20/2023	Chemtech -SO
01/25/2023	Solid	O1256-02	Percent Solids	Cool 4 deg C	PSEG05	N11	OR-02-012023-EPH-2	01/20/2023	Chemtech -SO
01/23/2023	Solid	O1258-01	Percent Solids	Cool 4 deg C	RMJE02	N11	WASTE-VOA-2	01/20/2023	Chemtech -SO

Date/Time 01-20-23 15:43
Raw Sample Received by: JP (wc)
Raw Sample Relinquished by: JDCSM

Date/Time 01-20-23 17:25
Raw Sample Received by: JDCSM
Raw Sample Relinquished by: JP (wc)

SOP ID:	M3541-ASE Extraction-14		
Clean Up SOP #:	N/A	Extraction Start Date :	01/20/2023
Matrix :	Solid	Extraction Start Time :	12:30
Weigh By:	RJ	Extraction By:	RJ
Balance check:	RJ	Filter By:	RJ
Balance ID:	EX-SC-2	pH Meter ID:	N/A
pH Strip Lot#:	N/A	Hood ID:	3,7
Extraction Method:	☐ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet		
		Extraction End Date :	01/20/2023
		Extraction End Time :	15:30
		Concentration By:	RS
		Supervisor By :	rajesh

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6066
Surrogate	1.0ML	100/150 PPM	SP6088
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2293
Baked Na2SO4	N/A	EP2279
Sand	N/A	E2865
Methylene Chloride	N/A	E3459
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vial lot# 2200532.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: NE VAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
01/20/23	RP (Ept 2023)	CG Suresh Lab
15:35	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 01/20/2023

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB150378BL	SBLK378	SVOC-PAH	30.01	N/A	ritesh	RUPESH	1			U1-1
PB150378BS	SLCS378	SVOC-PAH	30.02	N/A	ritesh	RUPESH	1			2
O1232-01	B-P-17A	SVOC-TCL BNA -20	30.07	N/A	ritesh	RUPESH	1			3
O1232-02	B-P-17B	SVOC-TCL BNA -20	30.05	N/A	ritesh	RUPESH	1			4
O1232-03	WC-17	SVOC-PAH	30.03	N/A	ritesh	RUPESH	1			5
O1232-04	B-P-18A	SVOC-TCL BNA -20	30.08	N/A	ritesh	RUPESH	1			6
O1232-05	B-P-18B	SVOC-TCL BNA -20	30.06	N/A	ritesh	RUPESH	1			U4-1
O1232-06	B-P-19A	SVOC-TCL BNA -20	30.02	N/A	ritesh	RUPESH	1			2
O1232-07	B-P-19B	SVOC-TCL BNA -20	30.05	N/A	ritesh	RUPESH	1			3
O1232-08	B-P-35A	SVOC-TCL BNA -20	30.08	N/A	ritesh	RUPESH	1			4
O1232-09	B-P-35B	SVOC-TCL BNA -20	30.04	N/A	ritesh	RUPESH	1			5
O1232-10	DUP01	SVOC-TCL BNA -20	30.09	N/A	ritesh	RUPESH	1			6
O1233-02	B-P34A	SVOC-TCL BNA -20	30.01	N/A	ritesh	RUPESH	1			U5-1
O1233-02MS	B-P34AMS	SVOC-TCL BNA -20	30.05	N/A	ritesh	RUPESH	1			2
O1233-02MS D	B-P34AMSD	SVOC-TCL BNA -20	30.07	N/A	ritesh	RUPESH	1			3
O1233-03	B-P34B	SVOC-TCL BNA -20	30.09	N/A	ritesh	RUPESH	1			4
O1233-04	B-P36A	SVOC-TCL BNA -20	30.03	N/A	ritesh	RUPESH	1			5
O1233-05	B-P36B	SVOC-TCL BNA -20	30.01	N/A	ritesh	RUPESH	1			6
O1233-06	B-P37A	SVOC-TCL BNA -20	30.04	N/A	ritesh	RUPESH	1			U6-1
O1233-07	B-P37B	SVOC-TCL BNA -20	30.08	N/A	ritesh	RUPESH	1			2
O1233-08	B-P38A	SVOC-TCL BNA -20	30.10	N/A	ritesh	RUPESH	1			3
O1233-09	B-P38B	SVOC-TCL BNA -20	30.05	N/A	ritesh	RUPESH	1			4
O1233-10	WC-38	SVOC-PAH	30.07	N/A	ritesh	RUPESH	1		Gasoline Smell	5
O1233-11	B-P38C	SVOC-TCL BNA -20	30.04	N/A	ritesh	RUPESH	1		Gasoline Smell	6

* Extracts relinquished on the same date as received.

1/20/23

WORKLIST(Hardcopy Internal Chain)

WorkList Name : O1232S

WorkList ID : 166739

Department : Extraction

Date : 01-20-2023 12:20:59

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
01/26/2023	Solid	O1232-01	SVOC-TCL BNA -20	Cool 4 deg C	loui01	N11	B-P-17A	01/18/2023	8270E
01/26/2023	Solid	O1232-02	SVOC-TCL BNA -20	Cool 4 deg C	loui01	N11	B-P-17B	01/18/2023	8270E
01/26/2023	Solid	O1232-03	SVOC-PAH	Cool 4 deg C	loui01	N11	WC-17	01/18/2023	8270E
01/26/2023	Solid	O1232-04	SVOC-TCL BNA -20	Cool 4 deg C	loui01	N11	B-P-18A	01/18/2023	8270E
01/26/2023	Solid	O1232-05	SVOC-TCL BNA -20	Cool 4 deg C	loui01	N11	B-P-18B	01/18/2023	8270E
01/26/2023	Solid	O1232-06	SVOC-TCL BNA -20	Cool 4 deg C	loui01	N11	B-P-19A	01/18/2023	8270E
01/26/2023	Solid	O1232-07	SVOC-TCL BNA -20	Cool 4 deg C	loui01	N11	B-P-19B	01/18/2023	8270E
01/26/2023	Solid	O1232-08	SVOC-TCL BNA -20	Cool 4 deg C	loui01	N11	B-P-35A	01/18/2023	8270E
01/26/2023	Solid	O1232-09	SVOC-TCL BNA -20	Cool 4 deg C	loui01	N11	B-P-35B	01/18/2023	8270E
01/26/2023	Solid	O1232-10	SVOC-TCL BNA -20	Cool 4 deg C	loui01	N11	DUP01	01/18/2023	8270E
01/26/2023	Solid	O1233-02	SVOC-TCL BNA -20	Cool 4 deg C	loui01	N11	B-P34A	01/18/2023	8270E
01/26/2023	Solid	O1233-03	SVOC-TCL BNA -20	Cool 4 deg C	loui01	N11	B-P34B	01/18/2023	8270E
01/26/2023	Solid	O1233-04	SVOC-TCL BNA -20	Cool 4 deg C	loui01	N11	B-P36A	01/18/2023	8270E
01/26/2023	Solid	O1233-05	SVOC-TCL BNA -20	Cool 4 deg C	loui01	N11	B-P36B	01/18/2023	8270E
01/26/2023	Solid	O1233-06	SVOC-TCL BNA -20	Cool 4 deg C	loui01	N11	B-P37A	01/18/2023	8270E
01/26/2023	Solid	O1233-07	SVOC-TCL BNA -20	Cool 4 deg C	loui01	N11	B-P37B	01/18/2023	8270E
01/26/2023	Solid	O1233-08	SVOC-TCL BNA -20	Cool 4 deg C	loui01	N11	B-P38A	01/18/2023	8270E
01/26/2023	Solid	O1233-09	SVOC-TCL BNA -20	Cool 4 deg C	loui01	N11	B-P38B	01/18/2023	8270E
01/26/2023	Solid	O1233-10	SVOC-PAH	Cool 4 deg C	loui01	N11	WC-38	01/18/2023	8270E
01/26/2023	Solid	O1233-11	SVOC-TCL BNA -20	Cool 4 deg C	loui01	N11	B-P38C	01/18/2023	8270E

Date/Time 01/20/23 12:25
 Raw Sample Received by: RJ (Sat 12:25)
 Raw Sample Relinquished by: CP SM

Date/Time 01/20/23 12:55
 Raw Sample Received by: CP SM
 Raw Sample Relinquished by: RJ (Sat 12:55)

SHIPPING DOCUMENTS

CHEMTECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092

(908) 789-8900 Fax: (908) 78-8922

www.chemtech.net

Chemtech Project Number:

01232/33

COC Number:

CLIENT INFORMATION

COMPANY: Louis Berger dba WSP USA Inc.

ADDRESS: 350 Mt. Kemble Ave

CITY: Morristown STATE: NJ ZIP: 07962

ATTENTION: Jonathan Ganz (Jon.Ganz@wsp.com)

PHONE: 212-612-7995

FAX:

PROJECT INFORMATION

PROJECT NAME: HWR1140A PCSMP Ph II SCI

PROJECT #: 31202661.297 Task 02 LOCATION: Staten Island

PROJECT MANAGER: Jon Ganz

E-MAIL: Jon.Ganz@wsp.com

PHONE: 212-612-7995

FAX:

BILLING INFORMATION

BILL TO: Louis Berger

PO# 31202661.297 Task 02

ADDRESS: 350 Mt. Kemble Ave

CITY: Morristown

STATE: NJ ZIP: 07962

ATTENTION: Jon Ganz

PHONE: 212-612-7995

DATA TURNAROUND INFORMATION

HARD COPY: _____ DAYS*
EDD See Contract Rates below _____ DAYS*
* TO BE APPROVED BY CHEMTECH
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

TCL VOC - 2 days

TCL SVOC - 5 days

PAH - 5 days

TPH GRO/DRO - 3 days

TAL Metals - 5 Days

PCBs and Pesticides - 5 Day

TCLP RCRA Metals - 5 Day

RCRA Characteristics and Paint Filter - 3 Days

DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other _____

☐ EDD Format

Level 2

ANALYSIS

TCL VOC (8260C)	TCL SVOC (8270C/625)	TCL Pest (8081A/608)	PCB (3550B, 8082/608)	TAL Metals (7471A and 6010B)	PCBs (8082), PAHs (8270)	TCLP Metals (RCRA 8) EPA 1311/ 6010B	RCRA Char- EPA 9012B/9034, 1030/1010A, 9045C, 9095B	TPH-DRO/GRO (8015B)	Paint Filter Test (EPA 9095B)
1	2	3	4	5	6	7	8	9	

PRESERVATIVES

COMMENTS

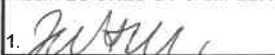
CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles	Preservatives									Comments ← Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-Other
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	B-P17A	507		X	1/18/23	0950	1	X	X	X	X	X					
2.	B-P17B	507		X	1/18/23	1005	1	X	X	X	X	X					
3.	WCL7	507	X		1/18/23	1010	1						X	X	X	X	
4.	B-P18A			X	1/18/23	1025		X	X	X	X	X					
5.	B-P18B			X	1/18/23	1045		X	X	X	X	X					
6.	B-P19A			X	1/18/23	1125		X	X	X	X	X					
7.	B-P19B			X	1/18/23	1135		X	X	X	X	X					
8.	B-P35A			X	1/18/23	1225		X	X	X	X	X					
9.	B-P35B			X	1/18/23	1245		X	X	X	X	X					
10.	DUPO1			X				X	X	X	X	X					

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER

DATE/TIME

RECEIVED BY

1. 

1/19/23



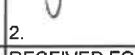
RELINQUISHED BY

DATE/TIME

RECEIVED BY

2. 

1/19/23



RELINQUISHED BY

DATE/TIME

RECEIVED FOR LAB BY

3. 

1-19-23



Conditions of bottles or coolers at receipt:

☐ Compliant☐ Non Compliant☐ Cooler Temp 3.0

MeOH extraction requires an additional 4oz. Jar for percent solid

☐ Ice in Cooler?: _____

Comments:

Page 1 of 3

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ OvernightCHEMTECH: ☐ Picked Up ☐ Overnight

Shipment Complete

☐ YES ☐ NO

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT

YELLOW - CHEMTECH COPY

PINK - SAMPLER COPY

CHEMTECH CHAIN OF CUSTODY RECORD		284 Sheffield Street, Mountainside, NJ 07092 (908) 789-8900 Fax: (908) 78-8922 www.chemtech.net		Chemtech Project Number: <u>01232/33</u>																																					
CLIENT INFORMATION		PROJECT INFORMATION		BILLING INFORMATION																																					
COMPANY: Louis Berger dba WSP USA Inc. ADDRESS: 350 Mt. Kemble Ave CITY: Morristown STATE: NJ ZIP: 07962 ATTENTION: Jonathan Ganz (Jon.Ganz@wsp.com) PHONE: 212-612-7995 FAX:		PROJECT NAME: HWR1140A PCSMP Ph II SCI PROJECT #: 31202661.297 Task 02 LOCATION: Staten Island PROJECT MANAGER: Jon Ganz E-MAIL: Jon.Ganz@wsp.com PHONE: 212-612-7995 FAX:		BILL TO: Louis Berger PO# 31202661.297 Task 02 ADDRESS: 350 Mt. Kemble Ave CITY: Morristown STATE: NJ ZIP: 07962 ATTENTION: Jon Ganz PHONE: 212-612-7995																																					
DATA TURNAROUND INFORMATION		DATA DELIVERABLE INFORMATION		ANALYSIS																																					
FAX: _____ DAYS HARD COPY: _____ DAYS* EDD See Contract Rates below DAYS* * TO BE APPROVED BY CHEMTECH STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS TCL VOC - 2 days TCL SVOC - 5 days PAH - 5 days TPH GRO/DRO - 3 days TAL Metals - 5 Days PCBs and Pesticides - 5 Day TCLP RCRA Metals - 5 Day RCRA Characteristics and Paint Filter - 3 Days		☐ RESULTS ONLY ☐ USEPA CLP ☐ RESULTS + QC ☐ New York State ASP "B" ☐ New Jersey REDUCED ☐ New York State ASP "A" ☐ New Jersey CLP ☐ Other _____ Level 2 ☐ EDD Format _____		<table border="1" style="width:100%; border-collapse: collapse; font-size: 0.8em;"> <tr> <th style="writing-mode: vertical-rl; transform: rotate(180deg);">TCL VOC (8260C)</th> <th style="writing-mode: vertical-rl; transform: rotate(180deg);">TCL SVOC (8270C/625)</th> <th style="writing-mode: vertical-rl; transform: rotate(180deg);">TCL Pest (8081A/608)</th> <th style="writing-mode: vertical-rl; transform: rotate(180deg);">PCB (3550B, 8082/608)</th> <th style="writing-mode: vertical-rl; transform: rotate(180deg);">TAL Metals (7471A and 6010B)</th> <th style="writing-mode: vertical-rl; transform: rotate(180deg);">PCBs (8082), PAHs (8270)</th> <th style="writing-mode: vertical-rl; transform: rotate(180deg);">TCLP Metals (RCRA 8)</th> <th style="writing-mode: vertical-rl; transform: rotate(180deg);">EPA 1311/6010B</th> <th style="writing-mode: vertical-rl; transform: rotate(180deg);">RCRA Char- EPA 9012B/9034, 1030/1010A, 9045C, 9095B</th> <th style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH-DRO/GRO (8015B), Paint Filter Test (EPA 9095B)</th> </tr> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td> </tr> </table>		TCL VOC (8260C)	TCL SVOC (8270C/625)	TCL Pest (8081A/608)	PCB (3550B, 8082/608)	TAL Metals (7471A and 6010B)	PCBs (8082), PAHs (8270)	TCLP Metals (RCRA 8)	EPA 1311/6010B	RCRA Char- EPA 9012B/9034, 1030/1010A, 9045C, 9095B	TPH-DRO/GRO (8015B), Paint Filter Test (EPA 9095B)	1	2	3	4	5	6	7	8	9																	
TCL VOC (8260C)	TCL SVOC (8270C/625)	TCL Pest (8081A/608)	PCB (3550B, 8082/608)	TAL Metals (7471A and 6010B)	PCBs (8082), PAHs (8270)	TCLP Metals (RCRA 8)	EPA 1311/6010B	RCRA Char- EPA 9012B/9034, 1030/1010A, 9045C, 9095B	TPH-DRO/GRO (8015B), Paint Filter Test (EPA 9095B)																																
1	2	3	4	5	6	7	8	9																																	
CHEMTECH SAMPLE ID		PROJECT SAMPLE IDENTIFICATION		SAMPLE MATRIX																																					
				<table border="1" style="width:100%; border-collapse: collapse; font-size: 0.8em;"> <tr> <th rowspan="2">COMP</th> <th rowspan="2">GRAB</th> <th colspan="2">SAMPLE COLLECTION</th> <th rowspan="2"># of Bottles</th> </tr> <tr> <th>DATE</th> <th>TIME</th> </tr> </table>		COMP	GRAB	SAMPLE COLLECTION		# of Bottles	DATE	TIME																													
COMP	GRAB	SAMPLE COLLECTION		# of Bottles																																					
		DATE	TIME																																						
1. <u>B-P38C</u>		soil		<table border="1" style="width:100%; border-collapse: collapse; font-size: 0.8em;"> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>																				X	X	X	X	X													
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SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY																																									
RELINQUISHED BY SAMPLER 1. <u>[Signature]</u>		DATE/TIME 1/19/23		RECEIVED BY <u>[Signature]</u>		Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp <u>3.0</u> MeOH extraction requires an additional 4oz. Jar for percent solid ☐ Ice in Cooler?: _____ Comments:																																			
RELINQUISHED BY 2. <u>[Signature]</u>		DATE/TIME 1-19-23		RECEIVED BY <u>[Signature]</u>																																					
RELINQUISHED BY 3. <u>[Signature]</u>		DATE/TIME 1-19-23		RECEIVED FOR LAB BY <u>[Signature]</u>		Page <u>3</u> of <u>3</u>				SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight CHEMTECH: ☐ Picked Up ☐ Overnight				Shipment Complete ☐ YES ☐ NO																											
WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY																																									



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0649
DOD ELAP (L-A-B)	L2219
Maine	2022022
Maryland	296
New Hampshire	255422
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	P330-21-00137
Texas	T104704488-22-15



LOGIN REPORT/SAMPLE TRANSFER

Order ID : O1232 loui01
Client Name : Louis Berger U.S., Inc., A V
Client Contact : Jonathan Ganz
Invoice Name : Louis Berger U.S., Inc., A V
Invoice Contact : Jonathan Ganz

Order Date : 1/19/2023 1:44:00 PM
Project Name : NYCDDC Phase II SCI Artl
Receive DateTime : 1/19/2023 12:00:00 AM
Purchase Order : 18:05

Project Mgr :
Report Type : Level 2
EDD Type : Excel NY
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
O1232-01	B-P-17A	Solid	01/18/2023	09:50	VOC-TCLVOA-10		8260D	2 Bus. Days	
O1232-02	B-P-17B	Solid	01/18/2023	10:05	VOC-TCLVOA-10		8260D	2 Bus. Days	
O1232-04	B-P-18A	Solid	01/18/2023	10:25	VOC-TCLVOA-10		8260D	2 Bus. Days	
O1232-05	B-P-18B	Solid	01/18/2023	10:45	VOC-TCLVOA-10		8260D	2 Bus. Days	
O1232-06	B-P-19A	Solid	01/18/2023	11:25	VOC-TCLVOA-10		8260D	2 Bus. Days	
O1232-07	B-P-19B	Solid	01/18/2023	11:35	VOC-TCLVOA-10		8260D	2 Bus. Days	
O1232-08	B-P-35A	Solid	01/18/2023	12:25	VOC-TCLVOA-10		8260D	2 Bus. Days	
O1232-09	B-P-35B	Solid	01/18/2023	12:45	VOC-TCLVOA-10		8260D	2 Bus. Days	
O1232-10	DUP01	Solid	01/18/2023	00:00					

LOGIN REPORT/SAMPLE TRANSFER

Order ID : O1232	loui01	Order Date : 1/19/2023 1:44:00 PM	Project Mgr :
Client Name : Louis Berger U.S., Inc., A V		Project Name : NYCDDC Phase II SCI Artl	Report Type : Level 1 2 SB 01/31/2023
Client Contact : Jonathan Ganz		Receive DateTime : 1/19/2023 12:00:00 AM	EDD Type : Excel NY
Invoice Name : Louis Berger U.S., Inc., A V		Purchase Order : 18:05	Hard Copy Date :
Invoice Contact : Jonathan Ganz			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
					VOC-TCLVOA-10		8260D	2 Bus. Days	

*JAN
samples*

*stored in roa
#22 #02*

Relinquished By : *cl*
Date / Time : 1/20/23 9:20

Received By : *mmTadu*
Date / Time : 1/20/23 9:20

Storage Area : VOA Refridgerator Room