

Cover Page

Order ID : P4103

Project ID : North Point

Client : ENTACT

Lab Sample Number

P4103-01
P4103-02
P4103-03
P4103-04
P4103-05
P4103-06
P4103-07
P4103-08
P4103-09
P4103-10
P4103-11
P4103-12
P4103-13
P4103-14
P4103-15
P4103-16
P4103-17
P4103-18

Client Sample Number

WC-22A
WC-22A
WC-22A
WC-14-5-7.5A
WC-14-5-7.5A
WC-14-5-7.5A
WC-14-5-7.5B
WC-14-5-7.5B
WC-14-5-7.5B
WC-14-7.5-10A
WC-14-7.5-10A
WC-14-7.5-10A
WC-14-7.5-10B
WC-14-7.5-10B
WC-14-7.5-10B
WC-23
WC-23
WC-23

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: 10/1/2024

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 #: P4103

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

✓

QA Review Signature: MAYUR DESAI

Date: 10/01/2024

LAB CHRONICLE

OrderID:	P4103	OrderDate:	9/18/2024 3:16:00 PM
Client:	ENTACT	Project:	North Point
Contact:	Chris Lawrence	Location:	J11,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4103-01	WC-22A	SOIL	SVOC-TCL BNA -20	8270E	09/17/24	09/19/24	09/20/24	09/18/24
P4103-02	WC-22A	TCLP	TCLP BNA	8270E	09/17/24	09/20/24	09/20/24	09/18/24
P4103-04	WC-14-5-7.5A	SOIL	SVOC-TCL BNA -20	8270E	09/17/24	09/19/24	09/20/24	09/18/24
P4103-05	WC-14-5-7.5A	TCLP	TCLP BNA	8270E	09/17/24	09/20/24	09/20/24	09/18/24
P4103-07	WC-14-5-7.5B	SOIL	SVOC-TCL BNA -20	8270E	09/17/24	09/19/24	09/20/24	09/18/24
P4103-08	WC-14-5-7.5B	TCLP	TCLP BNA	8270E	09/17/24	09/20/24	09/20/24	09/18/24
P4103-10	WC-14-7.5-10A	SOIL	SVOC-TCL BNA -20	8270E	09/17/24	09/19/24	09/20/24	09/18/24
P4103-11	WC-14-7.5-10A	TCLP	TCLP BNA	8270E	09/17/24	09/20/24	09/20/24	09/18/24
P4103-13	WC-14-7.5-10B	SOIL	SVOC-TCL BNA -20	8270E	09/17/24	09/19/24	09/19/24	09/18/24
P4103-14	WC-14-7.5-10B	TCLP	TCLP BNA	8270E	09/17/24	09/20/24	09/20/24	09/18/24
P4103-16	WC-23	SOIL	SVOC-TCL BNA -20	8270E	09/17/24	09/19/24	09/20/24	09/18/24
P4103-17	WC-23	TCLP			09/17/24			09/18/24

LAB CHRONICLE

TCLP BNA

8270E

09/20/24

09/20/24



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

Hit Summary Sheet SW-846

SDG No.: P4103
Client: ENTACT

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	WC-22A							
P4103-02	WC-22A	TCLP	Pentachlorophenol	93.600	J	18.5	100	ug/L
			Total Svoc :			93.60		
			Total Concentration:			93.60		
Client ID :	WC-14-5-7.5A							
P4103-05	WC-14-5-7.5A	TCLP	Pentachlorophenol	61.500	J	18.5	100	ug/L
			Total Svoc :			61.50		
			Total Concentration:			61.50		
Client ID :	WC-14-5-7.5B							
P4103-08	WC-14-5-7.5B	TCLP	Pentachlorophenol	23.700	J	18.5	100	ug/L
			Total Svoc :			23.70		
			Total Concentration:			23.70		
Client ID :	WC-14-7.5-10A							
P4103-11	WC-14-7.5-10A	TCLP	Pentachlorophenol	110.000		18.5	100	ug/L
			Total Svoc :			110.00		
			Total Concentration:			110.00		
Client ID :	WC-23							
P4103-17	WC-23	TCLP	Pentachlorophenol	21.400	J	18.5	100	ug/L
			Total Svoc :			21.40		
			Total Concentration:			21.40		



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: P4103

Client: ENTACT

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
P4103-02	WC-22A	2-Fluorophenol	150	115	77		15 (10)	110 (139)
		Phenol-d6	150	107	71		15 (10)	110 (134)
		Nitrobenzene-d5	100	84.4	84		30 (49)	130 (133)
		2-Fluorobiphenyl	100	87.8	88		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	116	77		15 (44)	110 (137)
		Terphenyl-d14	100	103	103		30 (48)	130 (125)
P4103-02MS	WC-22AMS	2-Fluorophenol	150	118	79		15 (10)	110 (139)
		Phenol-d6	150	113	75		15 (10)	110 (134)
		Nitrobenzene-d5	100	85.5	86		30 (49)	130 (133)
		2-Fluorobiphenyl	100	90.4	90		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	115	77		15 (44)	110 (137)
		Terphenyl-d14	100	111	111		30 (48)	130 (125)
P4103-02MSD	WC-22AMSD	2-Fluorophenol	150	117	78		15 (10)	110 (139)
		Phenol-d6	150	114	76		15 (10)	110 (134)
		Nitrobenzene-d5	100	88.1	88		30 (49)	130 (133)
		2-Fluorobiphenyl	100	92.7	93		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	115	76		15 (44)	110 (137)
		Terphenyl-d14	100	109	109		30 (48)	130 (125)
P4103-05	WC-14-5-7.5A	2-Fluorophenol	150	120	80		15 (10)	110 (139)
		Phenol-d6	150	111	74		15 (10)	110 (134)
		Nitrobenzene-d5	100	91.4	91		30 (49)	130 (133)
		2-Fluorobiphenyl	100	91.5	92		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	119	80		15 (44)	110 (137)
		Terphenyl-d14	100	107	107		30 (48)	130 (125)
P4103-08	WC-14-5-7.5B	2-Fluorophenol	150	128	86		15 (10)	110 (139)
		Phenol-d6	150	122	81		15 (10)	110 (134)
		Nitrobenzene-d5	100	88.4	88		30 (49)	130 (133)
		2-Fluorobiphenyl	100	89.6	90		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	121	81		15 (44)	110 (137)
		Terphenyl-d14	100	102	102		30 (48)	130 (125)
P4103-11	WC-14-7.5-10A	2-Fluorophenol	150	126	84		15 (10)	110 (139)
		Phenol-d6	150	120	80		15 (10)	110 (134)
		Nitrobenzene-d5	100	87.4	87		30 (49)	130 (133)
		2-Fluorobiphenyl	100	88.4	88		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	115	77		15 (44)	110 (137)
		Terphenyl-d14	100	101	101		30 (48)	130 (125)
P4103-14	WC-14-7.5-10B	2-Fluorophenol	150	109	73		15 (10)	110 (139)
		Phenol-d6	150	102	68		15 (10)	110 (134)
		Nitrobenzene-d5	100	81.4	81		30 (49)	130 (133)
		2-Fluorobiphenyl	100	84.7	85		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	109	72		15 (44)	110 (137)
		Terphenyl-d14	100	95.8	96		30 (48)	130 (125)
P4103-17	WC-23	2-Fluorophenol	150	129	86		15 (10)	110 (139)
		Phenol-d6	150	124	83		15 (10)	110 (134)
		Nitrobenzene-d5	100	90.5	90		30 (49)	130 (133)
		2-Fluorobiphenyl	100	91.9	92		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	119	79		15 (44)	110 (137)
		Terphenyl-d14	100	107	107		30 (48)	130 (125)
PB163511TB	PB163511TB	2-Fluorophenol	150	137	91		15 (10)	110 (139)
		Phenol-d6	150	132	88		15 (10)	110 (134)
		Nitrobenzene-d5	100	95.0	95		30 (49)	130 (133)

() = LABORATORY INHOUSE LIMIT

Surrogate Summary

SW-846

SDG No.: P4103

Client: ENTACT

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB163511TB	PB163511TB	2-Fluorobiphenyl	100	97.8	98		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	133	89		15 (44)	110 (137)
		Terphenyl-d14	100	97.3	97		30 (48)	130 (125)
PB163571BL	PB163571BL	2-Fluorophenol	150	139	93		15 (10)	110 (139)
		Phenol-d6	150	129	86		15 (10)	110 (134)
		Nitrobenzene-d5	100	91.7	92		30 (49)	130 (133)
		2-Fluorobiphenyl	100	96.3	96		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	157	105		15 (44)	110 (137)
		Terphenyl-d14	100	101	101		30 (48)	130 (125)
PB163571BS	PB163571BS	2-Fluorophenol	150	128	85		15 (10)	110 (139)
		Phenol-d6	150	121	81		15 (10)	110 (134)
		Nitrobenzene-d5	100	79.0	79		30 (49)	130 (133)
		2-Fluorobiphenyl	100	79.0	79		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	140	93		15 (44)	110 (137)
		Terphenyl-d14	100	77.0	77		30 (48)	130 (125)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4103

Client: ENTACT

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4103-02MS	Client Sample ID:	WC-22AMS					DataFile:	BF139506.D		
Pyridine	500	0	350	ug/L	70				20 (10)	160 (109)	
1,4-Dichlorobenzene	500	0	310	ug/L	62	*			70 (55)	130 (125)	
2-Methylphenol	500	0	420	ug/L	84				70 (37)	130 (126)	
3+4-Methylphenols	500	0	410	ug/L	82				20 (31)	160 (127)	
Hexachloroethane	500	0	280	ug/L	56				20 (49)	160 (110)	
Nitrobenzene	500	0	370	ug/L	74				70 (62)	130 (112)	
Hexachlorobutadiene	500	0	330	ug/L	66	*			70 (52)	130 (125)	
2,4,6-Trichlorophenol	500	0	470	ug/L	94				70 (78)	130 (112)	
2,4,5-Trichlorophenol	500	0	450	ug/L	90				70 (71)	130 (111)	
2,4-Dinitrotoluene	500	0	450	ug/L	90				70 (50)	130 (142)	
Hexachlorobenzene	500	0	450	ug/L	90				70 (72)	130 (115)	
Pentachlorophenol	1000	93.6	990	ug/L	90				20 (25)	160 (139)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4103

Client: ENTACT

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4103-02MSD	Client Sample ID:	WC-22AMSD					DataFile:	BF139507.D		
Pyridine	500	0	360	ug/L	72		3		20 (10)	160 (109)	20 (20)
1,4-Dichlorobenzene	500	0	300	ug/L	60	*	3		70 (55)	130 (125)	20 (20)
2-Methylphenol	500	0	420	ug/L	84		0		70 (37)	130 (126)	20 (20)
3+4-Methylphenols	500	0	400	ug/L	80		2		20 (31)	160 (127)	20 (20)
Hexachloroethane	500	0	280	ug/L	56		0		20 (49)	160 (110)	20 (20)
Nitrobenzene	500	0	390	ug/L	78		5		70 (62)	130 (112)	20 (20)
Hexachlorobutadiene	500	0	340	ug/L	68	*	3		70 (52)	130 (125)	20 (20)
2,4,6-Trichlorophenol	500	0	480	ug/L	96		2		70 (78)	130 (112)	20 (20)
2,4,5-Trichlorophenol	500	0	470	ug/L	94		4		70 (71)	130 (111)	20 (20)
2,4-Dinitrotoluene	500	0	440	ug/L	88		2		70 (50)	130 (142)	20 (20)
Hexachlorobenzene	500	0	460	ug/L	92		2		70 (72)	130 (115)	20 (20)
Pentachlorophenol	1000	0	1000	ug/L	100		11		20 (25)	160 (139)	20 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P4103

Client: ENTACT

Analytical Method: 8270E DataFile: BP021984.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB163571BS	Pyridine	50	31.2	ug/L	62				20 (29)	160 (97)	
	1,4-Dichlorobenzene	50	38.9	ug/L	78				70 (76)	130 (103)	
	2-Methylphenol	50	44.2	ug/L	88				70 (69)	130 (109)	
	3+4-Methylphenols	50	43.4	ug/L	87				20 (67)	160 (106)	
	Hexachloroethane	50	41.8	ug/L	84				20 (76)	160 (118)	
	Nitrobenzene	50	38.2	ug/L	76				70 (58)	130 (106)	
	Hexachlorobutadiene	50	39.6	ug/L	79				70 (69)	130 (101)	
	2,4,6-Trichlorophenol	50	40.7	ug/L	81				70 (61)	130 (110)	
	2,4,5-Trichlorophenol	50	39.3	ug/L	79				70 (70)	130 (106)	
	2,4-Dinitrotoluene	50	41.4	ug/L	83				70 (60)	130 (115)	
	Hexachlorobenzene	50	39.5	ug/L	79				70 (73)	130 (106)	
	Pentachlorophenol	100	82.7	ug/L	83				20 (47)	160 (114)	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163571BL

Lab Name: CHEMTECH

Contract: ENTA05

Lab Code: CHEM Case No.: P4103

SAS No.: P4103 SDG NO.: P4103

Lab File ID: BP021983.D

Lab Sample ID: PB163571BL

Instrument ID: BNA_P

Date Extracted: 09/20/2024

Matrix: (soil/water) water

Date Analyzed: 09/23/2024

Level: (low/med) LOW

Time Analyzed: 15:28

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163571BS	PB163571BS	BP021984.D	09/23/2024
PB163511TB	PB163511TB	BP021985.D	09/23/2024
WC-22A	P4103-02	BF139505.D	09/20/2024
WC-22AMS	P4103-02MS	BF139506.D	09/20/2024
WC-22AMSD	P4103-02MSD	BF139507.D	09/20/2024
WC-14-5-7.5A	P4103-05	BF139508.D	09/20/2024
WC-14-5-7.5B	P4103-08	BF139509.D	09/20/2024
WC-14-7.5-10A	P4103-11	BF139510.D	09/20/2024
WC-14-7.5-10B	P4103-14	BF139511.D	09/20/2024
WC-23	P4103-17	BF139512.D	09/20/2024

COMMENTS: _____



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Fax : 908 789 8922

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: ENTA05Lab Code: CHEMSAS No.: P4103 SDG NO.: P4103Lab File ID: BF139344.DDFTPP Injection Date: 09/13/2024Instrument ID: BNA_FDFTPP Injection Time: 14:04

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	51.4
68	Less than 2.0% of mass 69	0.8 (1.8) 1
69	Mass 69 relative abundance	43.9
70	Less than 2.0% of mass 69	0.1 (0.3) 1
127	10.0 - 80.0% of mass 198	50.8
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	27.8
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	12.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	16.5 (20.2) 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	BF139345.D	09/13/2024	14:32
SSTDICC005	SSTDICC005	BF139346.D	09/13/2024	15:00
SSTDICC010	SSTDICC010	BF139347.D	09/13/2024	15:28
SSTDICC020	SSTDICC020	BF139348.D	09/13/2024	15:57
SSTDICCC040	SSTDICCC040	BF139349.D	09/13/2024	16:53
SSTDICC050	SSTDICC050	BF139350.D	09/13/2024	17:51
SSTDICC060	SSTDICC060	BF139351.D	09/13/2024	18:48
SSTDICC080	SSTDICC080	BF139352.D	09/13/2024	19:44



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Fax : 908 789 8922

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: ENTA05Lab Code: CHEMSAS No.: P4103 SDG NO.: P4103Lab File ID: BF139492.DDFTPP Injection Date: 09/20/2024Instrument ID: BNA_FDFTPP Injection Time: 09:13

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	49.5
68	Less than 2.0% of mass 69	0.7 (1.7) 1
69	Mass 69 relative abundance	40.9
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	10.0 - 80.0% of mass 198	49.3
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	7.1
275	10.0 - 60.0% of mass 198	25.6
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	13
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	15.3 (19.1) 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	BF139493.D	09/20/2024	10:09
WC-22A	P4103-02	BF139505.D	09/20/2024	16:53
WC-22AMS	P4103-02MS	BF139506.D	09/20/2024	17:23
WC-22AMSD	P4103-02MSD	BF139507.D	09/20/2024	17:52
WC-14-5-7.5A	P4103-05	BF139508.D	09/20/2024	18:20
WC-14-5-7.5B	P4103-08	BF139509.D	09/20/2024	18:49
WC-14-7.5-10A	P4103-11	BF139510.D	09/20/2024	19:18
WC-14-7.5-10B	P4103-14	BF139511.D	09/20/2024	19:47
WC-23	P4103-17	BF139512.D	09/20/2024	20:17



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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: ENTA05Lab Code: CHEMSAS No.: P4103 SDG NO.: P4103Lab File ID: BP021947.DDFTPP Injection Date: 09/19/2024Instrument ID: BNA_PDFTPP Injection Time: 12:14

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	24.4
68	Less than 2.0% of mass 69	0.4 (1.5) 1
69	Mass 69 relative abundance	27.8
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	35.5
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	6.2
275	10.0 - 60.0% of mass 198	26.6
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	15.6
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	BP021948.D	09/19/2024	12:55
SSTDICC005	SSTDICC005	BP021949.D	09/19/2024	13:36
SSTDICC010	SSTDICC010	BP021950.D	09/19/2024	14:17
SSTDICC020	SSTDICC020	BP021951.D	09/19/2024	14:58
SSTDICCC040	SSTDICCC040	BP021952.D	09/19/2024	15:39
SSTDICC050	SSTDICC050	BP021953.D	09/19/2024	16:21
SSTDICC060	SSTDICC060	BP021954.D	09/19/2024	17:02
SSTDICC080	SSTDICC080	BP021955.D	09/19/2024	17:44



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: ENTA05Lab Code: CHEMSAS No.: P4103 SDG NO.: P4103Lab File ID: BP021974.DDFTPP Injection Date: 09/23/2024Instrument ID: BNA_PDFTPP Injection Time: 08:59

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	20.8
68	Less than 2.0% of mass 69	0.5 (2) 1
69	Mass 69 relative abundance	23.1
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	27.4
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	4.8
275	10.0 - 60.0% of mass 198	24.3
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	15.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.6 (19.6) 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	BP021975.D	09/23/2024	09:39
PB163571BL	PB163571BL	BP021983.D	09/23/2024	15:28
PB163571BS	PB163571BS	BP021984.D	09/23/2024	16:09
PB163511TB	PB163511TB	BP021985.D	09/23/2024	16:49

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: P4103 SAS No.: P4103 SDG NO.: P4103

EPA Sample No.: SSTDCCC040 Date Analyzed: 09/20/2024

Lab File ID: BF139493.D Time Analyzed: 10:09

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	72885	6.881	269376	8.16	147488	9.92
UPPER LIMIT	145770	7.381	538752	8.663	294976	10.416
LOWER LIMIT	36442.5	6.381	134688	7.663	73744	9.416
EPA SAMPLE NO.						
01 WC-22A	69979	6.88	241063	8.16	108708	9.91
02 WC-22AMS	75118	6.88	265096	8.16	120212	9.92
03 WC-22AMSD	71206	6.88	245793	8.16	113109	9.92
04 WC-14-5-7.5A	74397	6.88	256441	8.16	119498	9.91
05 WC-14-5-7.5B	76931	6.88	265343	8.16	123864	9.91
06 WC-14-7.5-10A	73109	6.88	250421	8.16	112091	9.91
07 WC-14-7.5-10B	78153	6.88	271104	8.16	126022	9.91
08 WC-23	78495	6.88	271926	8.16	125895	9.91

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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: P4103 SAS No.: P4103 SDG NO.: P4103

EPA Sample No.: SSTDCCC040 Date Analyzed: 09/20/2024

Lab File ID: BF139493.D Time Analyzed: 10:09

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	275829	11.398	142849	14.033	143390	15.498
UPPER LIMIT	551658	11.898	285698	14.533	286780	15.998
LOWER LIMIT	137915	10.898	71424.5	13.533	71695	14.998
EPA SAMPLE NO.						
01 WC-22A	194594	11.40	109467	14.03	83692	15.51
02 WC-22AMS	206785	11.40	107208	14.04	86523	15.51
03 WC-22AMSD	188079	11.40	100035	14.04	80990	15.51
04 WC-14-5-7.5A	212737	11.40	125388	14.03	91312	15.51
05 WC-14-5-7.5B	220987	11.40	131452	14.03	98227	15.51
06 WC-14-7.5-10A	192291	11.40	112426	14.03	88798	15.51
07 WC-14-7.5-10B	217565	11.40	128652	14.03	93854	15.51
08 WC-23	219540	11.40	129376	14.03	96172	15.51

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.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: P4103 SAS No.: P4103 SDG NO.: P4103

EPA Sample No.: SSTDCCC040 Date Analyzed: 09/23/2024

Lab File ID: BP021975.D Time Analyzed: 09:39

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	87069	7.71	360051	10.47	292122	14.33
UPPER LIMIT	174138	8.21	720102	10.969	584244	14.833
LOWER LIMIT	43534.5	7.21	180026	9.969	146061	13.833
EPA SAMPLE NO.						
01 PB163511TB	102538	7.71	352981	10.48	226377	14.33
02 PB163571BL	83830	7.67	288413	10.44	180364	14.31
03 PB163571BS	75085	7.71	307864	10.48	250312	14.32

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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: P4103 SAS No.: P4103 SDG NO.: P4103

EPA Sample No.: SSTDCCC040 Date Analyzed: 09/23/2024

Lab File ID: BP021975.D Time Analyzed: 09:39

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	770589	17.115	950314	21.551	1123530	24.833
UPPER LIMIT	1541180	17.615	1900630	22.051	2247060	25.333
LOWER LIMIT	385295	16.615	475157	21.051	561765	24.333
EPA SAMPLE NO.						
01 PB163511TB	508700	17.12	588618	21.55	660304	24.83
02 PB163571BL	445041	17.13	556101	21.56	660809	24.86
03 PB163571BS	664200	17.12	916192	21.55	1182770	24.85

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

Report of Analysis

Client:	ENTACT		Date Collected:	09/17/24	
Project:	North Point		Date Received:	09/18/24	
Client Sample ID:	WC-22A		SDG No.:	P4103	
Lab Sample ID:	P4103-02		Matrix:	TCLP	
Analytical Method:	SW8270		% Solid:	0	
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA	
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
BF139505.D	1	09/20/24 11:30	09/20/24 16:53	PB163571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	15.5	U	15.5	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	8.40	U	8.40	50.0	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	100	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	50.0	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	50.0	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	8.90	U	8.90	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	50.0	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	50.0	ug/L
87-86-5	Pentachlorophenol	93.6	J	18.5	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	115		15 (10) - 110 (139)	77%	SPK: 150
13127-88-3	Phenol-d6	107		15 (10) - 110 (134)	71%	SPK: 150
4165-60-0	Nitrobenzene-d5	84.4		30 (49) - 130 (133)	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	87.8		30 (52) - 130 (132)	88%	SPK: 100
118-79-6	2,4,6-Tribromophenol	116		15 (44) - 110 (137)	77%	SPK: 150
1718-51-0	Terphenyl-d14	103		30 (48) - 130 (125)	103%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	70000	6.881			
1146-65-2	Naphthalene-d8	241000	8.157			
15067-26-2	Acenaphthene-d10	109000	9.91			
1517-22-2	Phenanthrene-d10	195000	11.398			
1719-03-5	Chrysene-d12	109000	14.033			
1520-96-3	Perylene-d12	83700	15.509			

Report of Analysis

Client:	ENTACT		Date Collected:	09/17/24	
Project:	North Point		Date Received:	09/18/24	
Client Sample ID:	WC-22A		SDG No.:	P4103	
Lab Sample ID:	P4103-02		Matrix:	TCLP	
Analytical Method:	SW8270		% Solid:	0	
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA	
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
BF139505.D	1	09/20/24 11:30	09/20/24 16:53	PB163571

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\BF092024\
Data File : BF139505.D
Acq On : 20 Sep 2024 16:53
Operator : RC/JU
Sample : P4103-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-22A

Quant Time: Sep 20 17:31:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

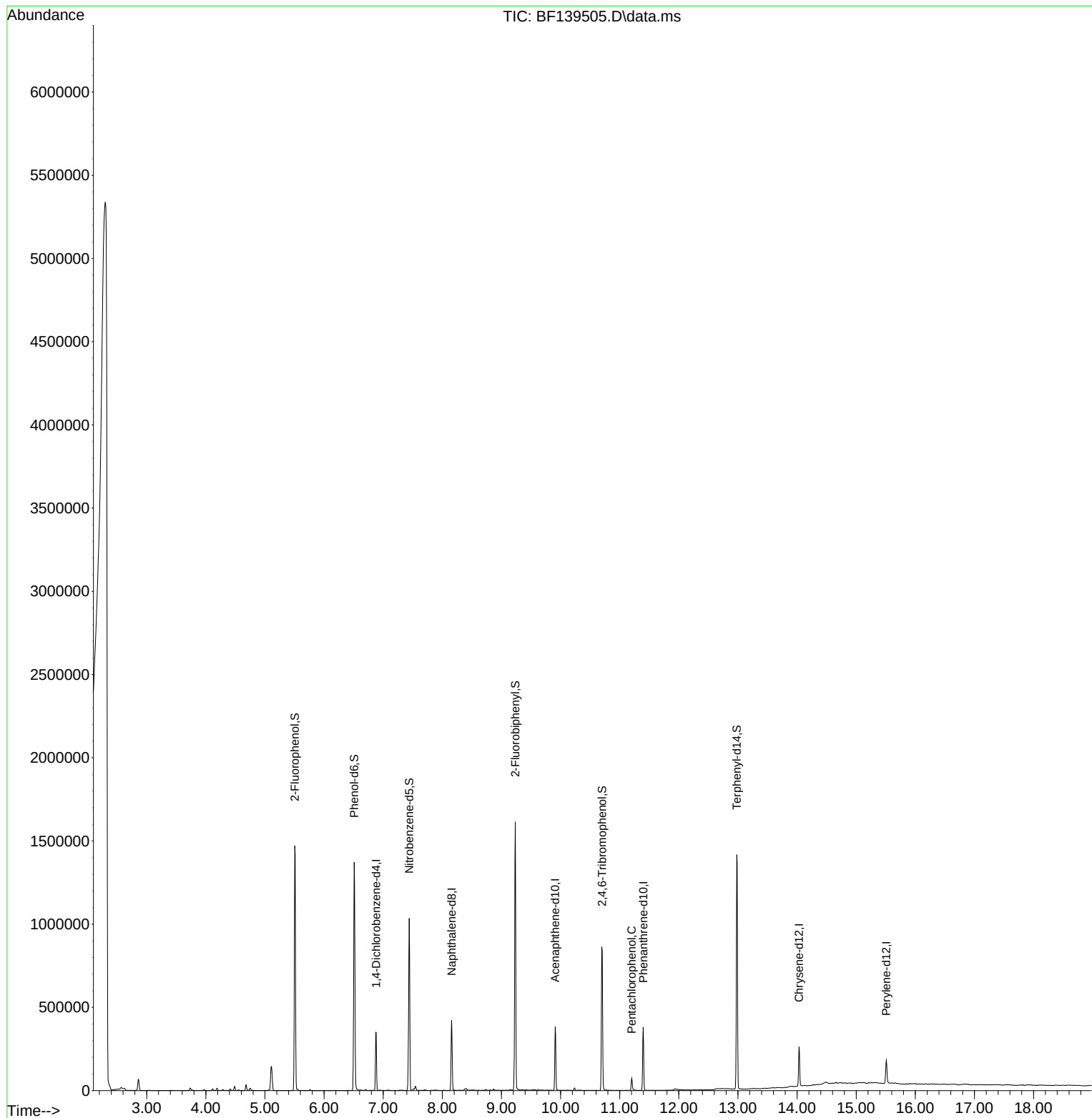
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	69979	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	241063	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	108708	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	194594	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	109467	20.000	ng	0.00
86) Perylene-d12	15.509	264	83692	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	493717	115.095	ng	0.01
7) Phenol-d6	6.510	99	600801	106.706	ng	0.00
23) Nitrobenzene-d5	7.439	82	432984	84.439	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	133884	115.684	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	680172	87.754	ng	0.00
79) Terphenyl-d14	12.980	244	685238	102.747	ng	0.00
Target Compounds						Qvalue
70) Pentachlorophenol	11.204	266	12713	9.361	ng	98

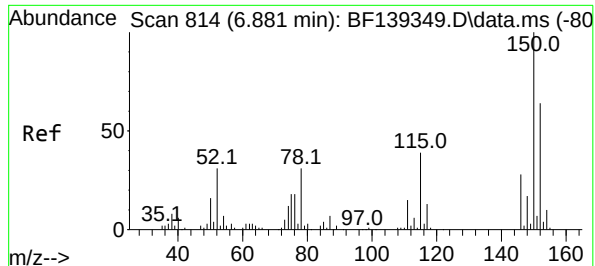
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139505.D
Acq On : 20 Sep 2024 16:53
Operator : RC/JU
Sample : P4103-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-22A

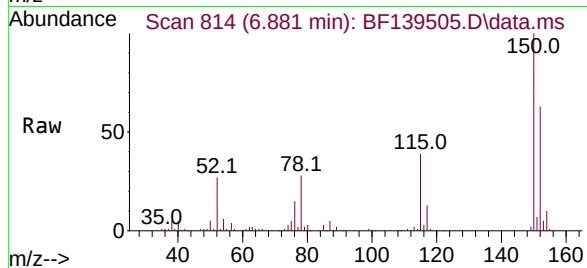
Quant Time: Sep 20 17:31:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration



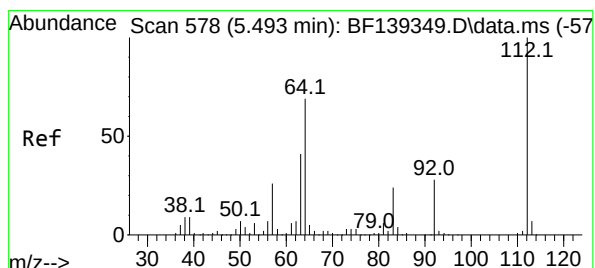
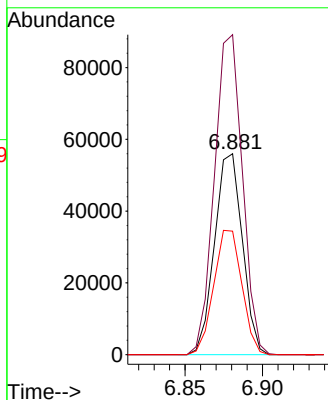
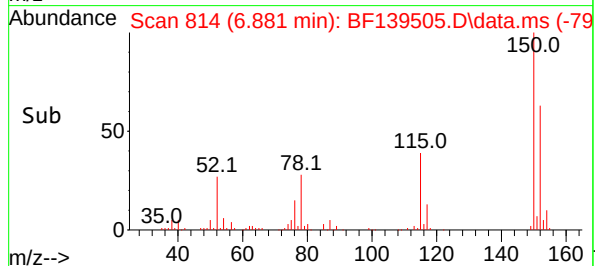


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139505.D
Acq: 20 Sep 2024 16:53

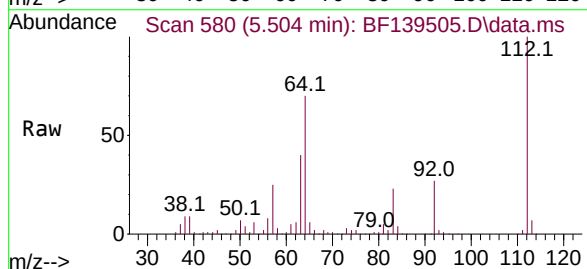
Instrument :
BNA_F
ClientSampleId :
WC-22A



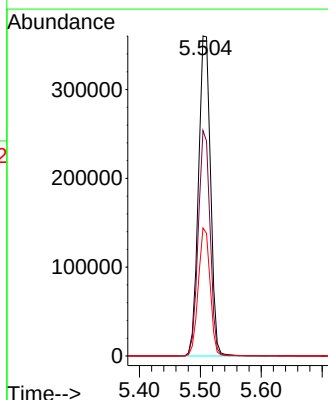
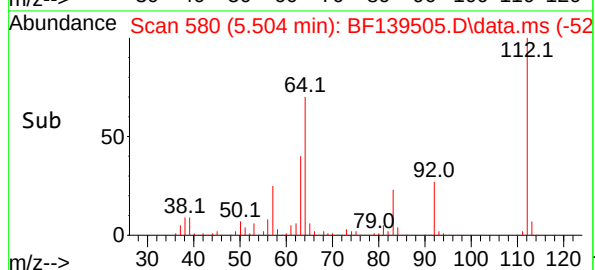
Tgt Ion:152 Resp: 69979
Ion Ratio Lower Upper
152 100
150 159.2 124.1 186.1
115 61.5 48.1 72.1

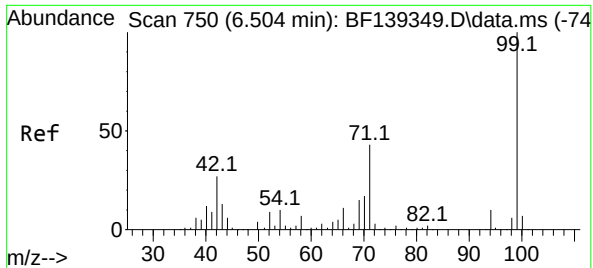


#5
2-Fluorophenol
Concen: 115.095 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.011 min
Lab File: BF139505.D
Acq: 20 Sep 2024 16:53



Tgt Ion:112 Resp: 493717
Ion Ratio Lower Upper
112 100
64 70.5 54.8 82.2
63 40.0 33.0 49.4





#7

Phenol-d6

Concen: 106.706 ng

RT: 6.510 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF139505.D

Acq: 20 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

WC-22A

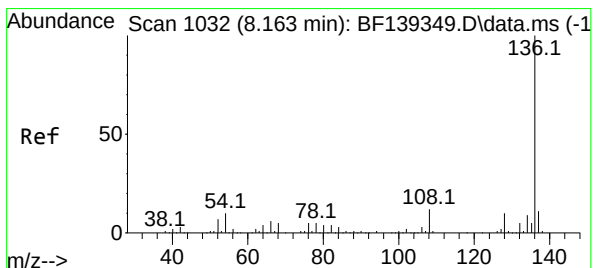
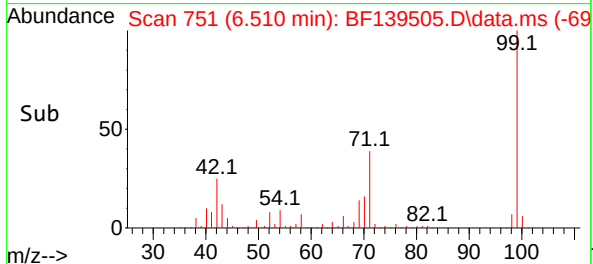
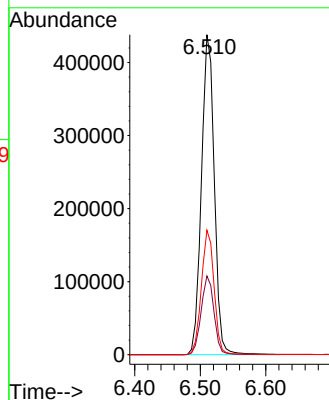
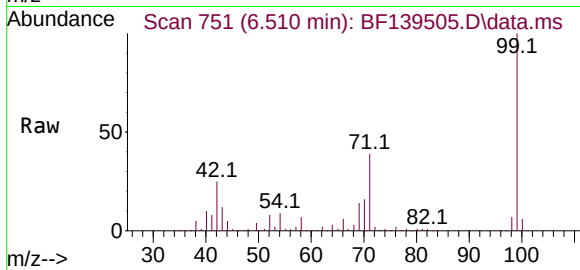
Tgt Ion: 99 Resp: 600801

Ion Ratio Lower Upper

99 100

42 24.6 21.9 32.9

71 38.9 34.6 52.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1031

Delta R.T. -0.006 min

Lab File: BF139505.D

Acq: 20 Sep 2024 16:53

Tgt Ion: 136 Resp: 241063

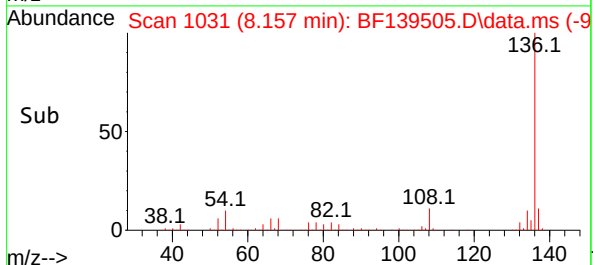
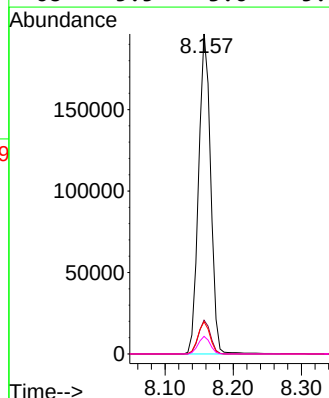
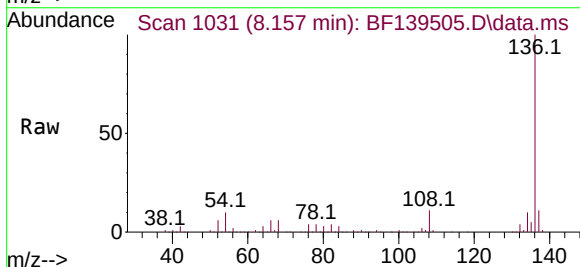
Ion Ratio Lower Upper

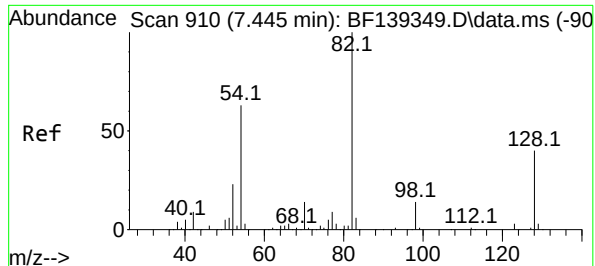
136 100

137 10.5 8.6 12.8

54 10.0 7.8 11.8

68 5.5 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 84.439 ng

RT: 7.439 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF139505.D

Acq: 20 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

WC-22A

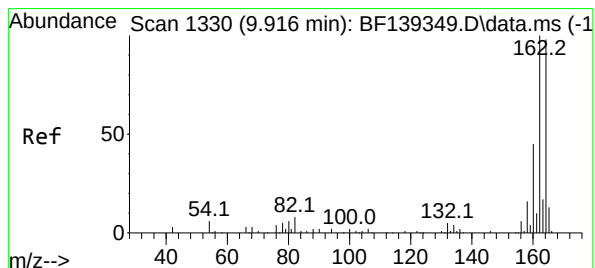
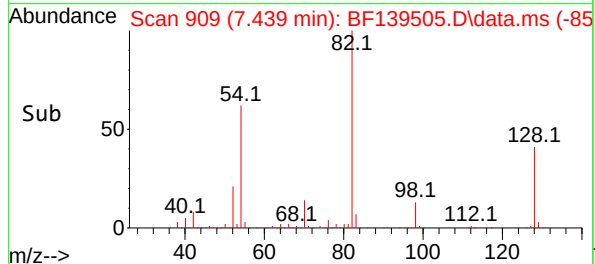
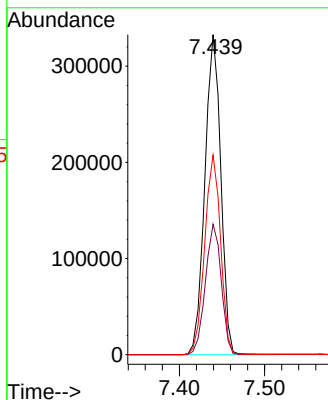
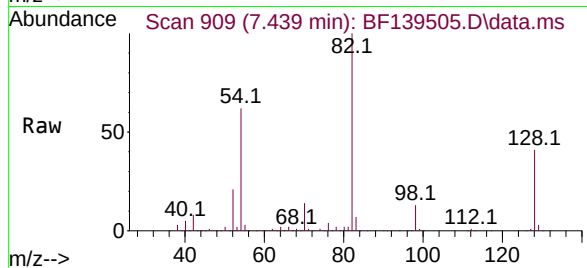
Tgt Ion: 82 Resp: 432984

Ion Ratio Lower Upper

82 100

128 40.8 31.8 47.6

54 62.4 50.6 75.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF139505.D

Acq: 20 Sep 2024 16:53

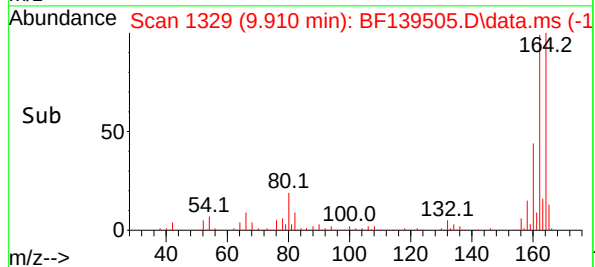
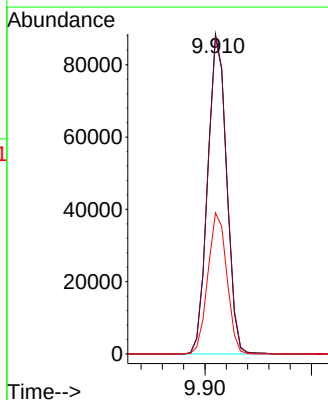
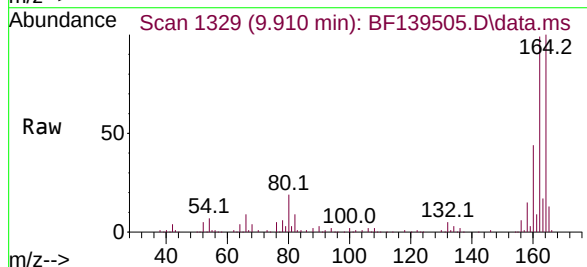
Tgt Ion:164 Resp: 108708

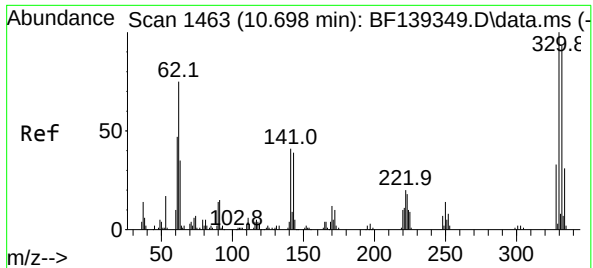
Ion Ratio Lower Upper

164 100

162 98.9 81.3 121.9

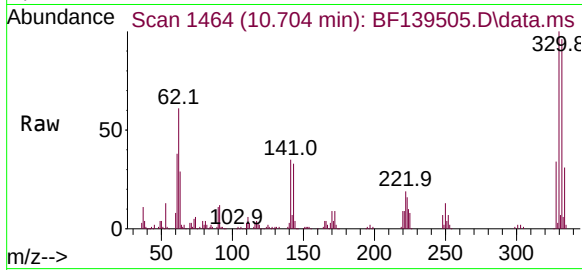
160 44.1 36.4 54.6



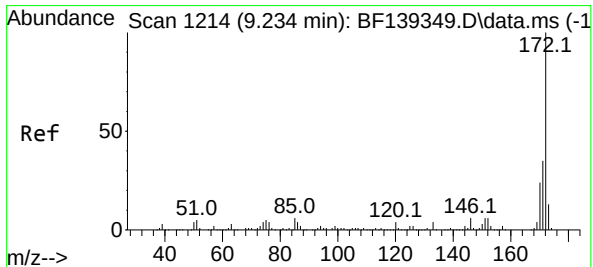
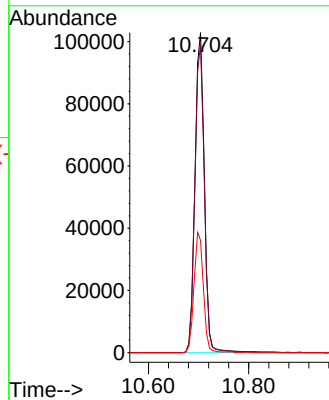
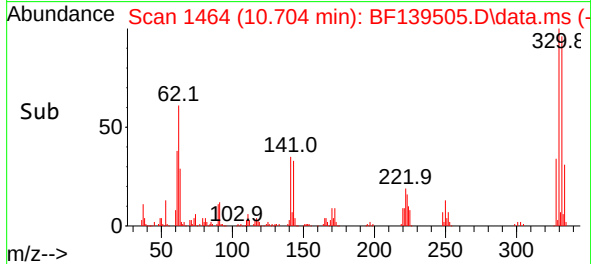


#42
2,4,6-Tribromophenol
Concen: 115.684 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139505.D
Acq: 20 Sep 2024 16:53

Instrument :
BNA_F
ClientSampleId :
WC-22A

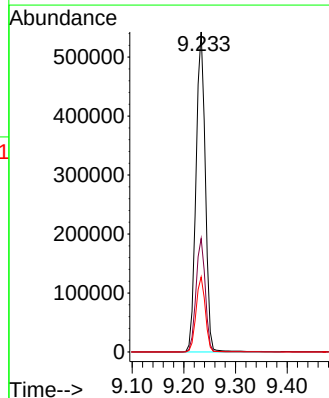
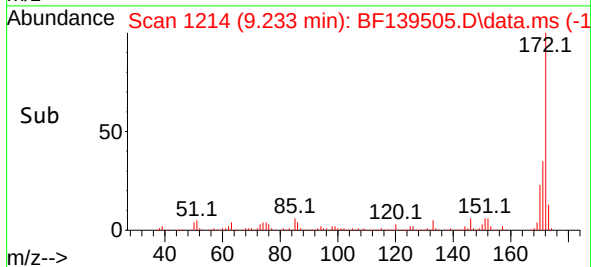
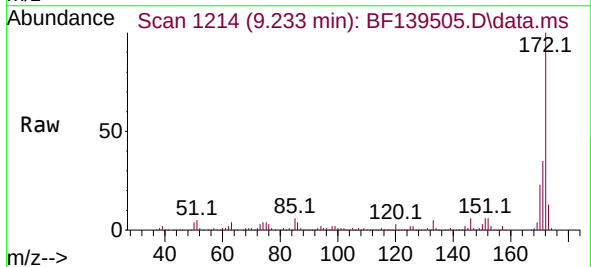


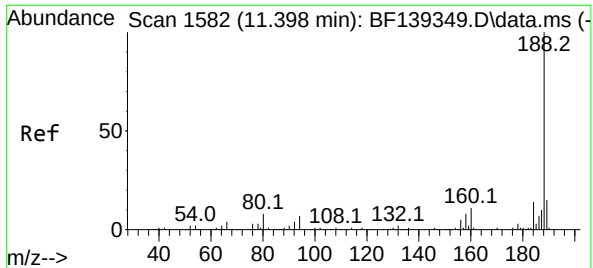
Tgt Ion:330 Resp: 133884
Ion Ratio Lower Upper
330 100
332 96.5 75.2 112.8
141 37.6 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 87.754 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139505.D
Acq: 20 Sep 2024 16:53

Tgt Ion:172 Resp: 680172
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.5 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139505.D

Acq: 20 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

WC-22A

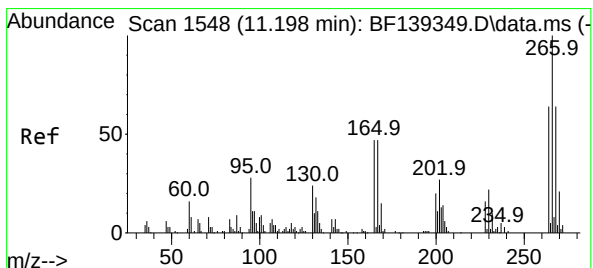
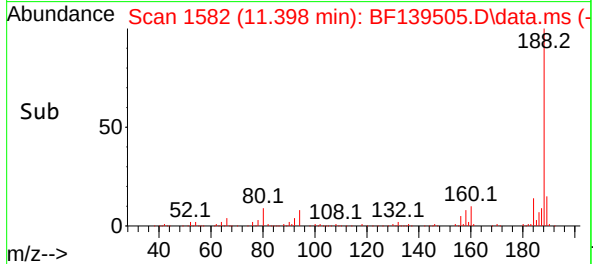
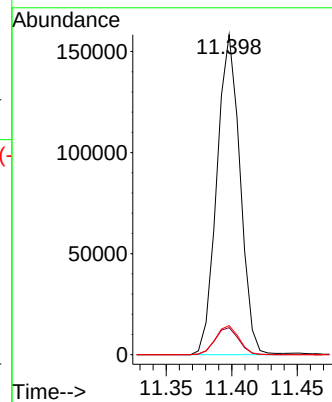
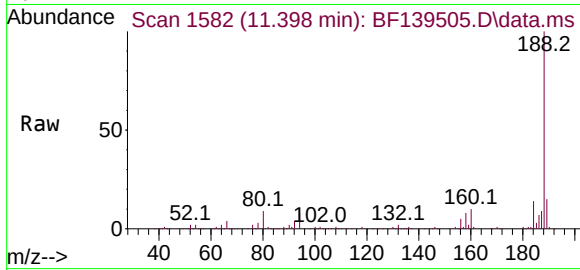
Tgt Ion:188 Resp: 194594

Ion Ratio Lower Upper

188 100

94 8.4 5.5 8.3#

80 9.1 6.6 9.8



#70

Pentachlorophenol

Concen: 9.361 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF139505.D

Acq: 20 Sep 2024 16:53

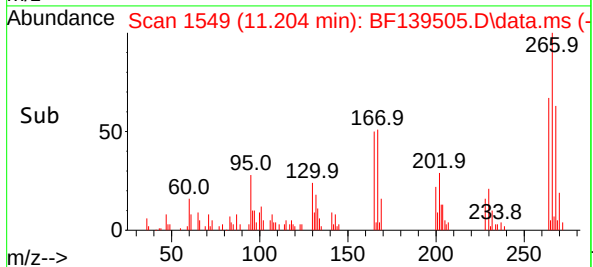
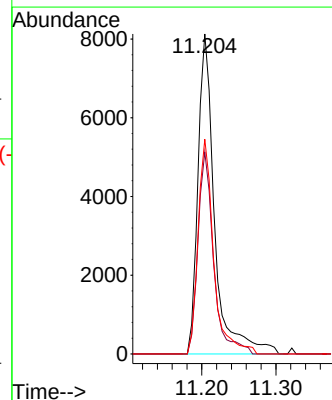
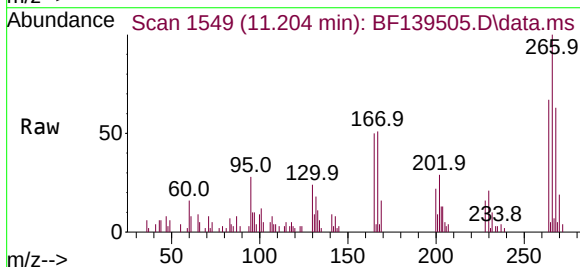
Tgt Ion:266 Resp: 12713

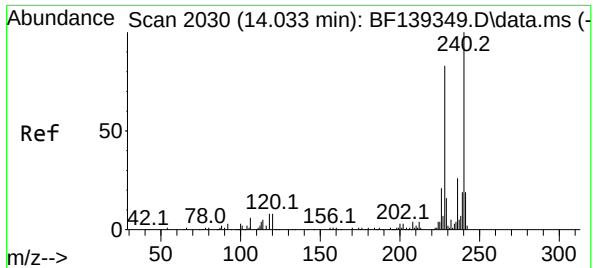
Ion Ratio Lower Upper

266 100

268 63.1 51.1 76.7

264 67.1 51.4 77.0

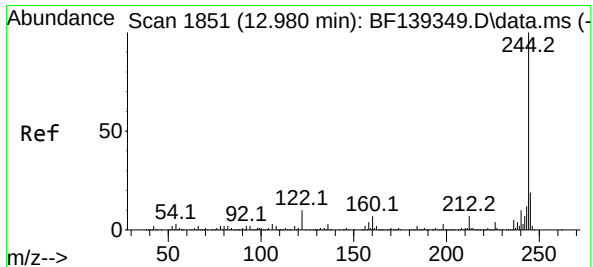
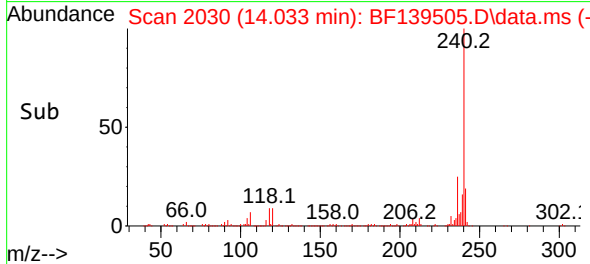
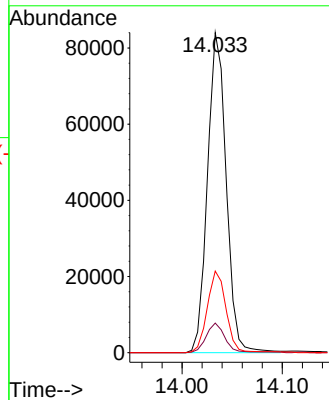
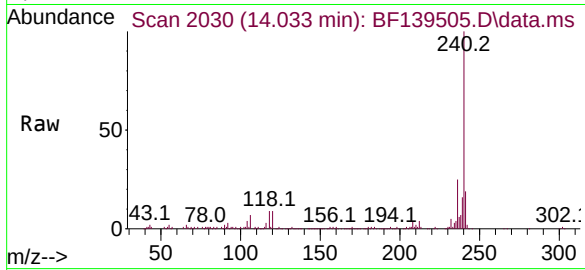




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139505.D
Acq: 20 Sep 2024 16:53

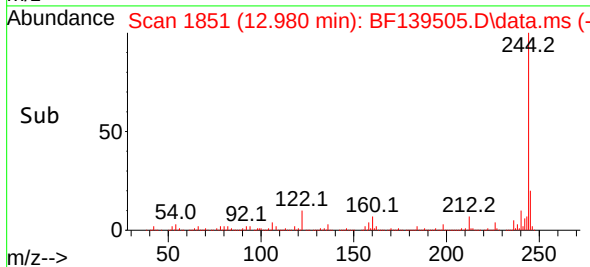
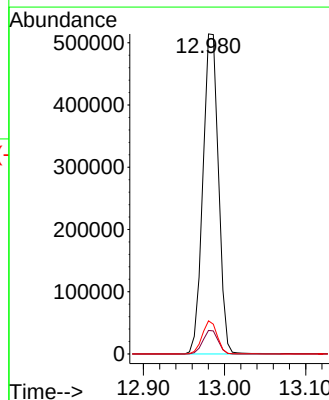
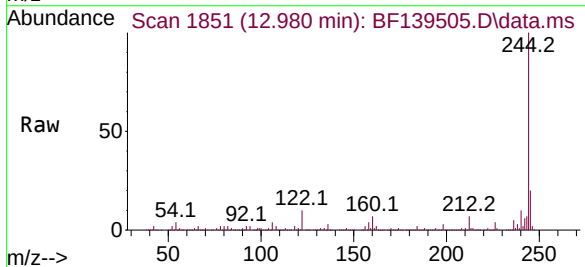
Instrument :
BNA_F
ClientSampleId :
WC-22A

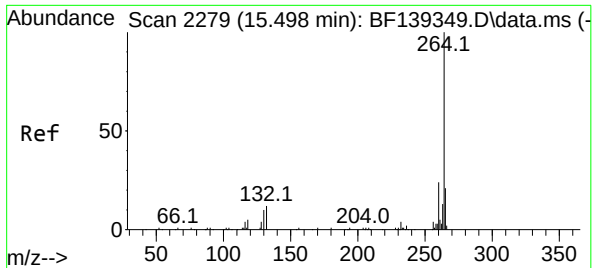
Tgt Ion:240 Resp: 109467
Ion Ratio Lower Upper
240 100
120 9.2 6.2 9.2
236 25.5 20.9 31.3



#79
Terphenyl-d14
Concen: 102.747 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF139505.D
Acq: 20 Sep 2024 16:53

Tgt Ion:244 Resp: 685238
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 10.3 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139505.D

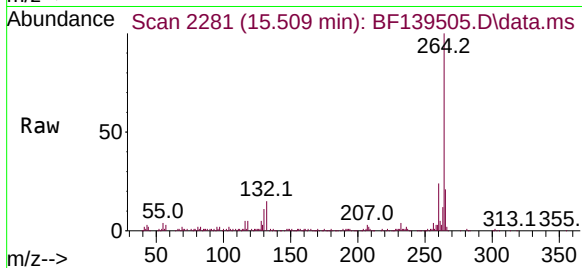
Acq: 20 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

WC-22A



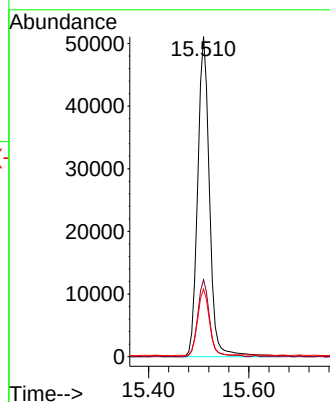
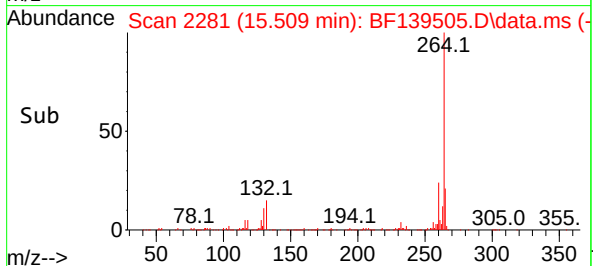
Tgt Ion:264 Resp: 83692

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 21.1 16.6 25.0



Report of Analysis

Client:	ENTACT	Date Collected:	09/17/24
Project:	North Point	Date Received:	09/18/24
Client Sample ID:	WC-14-5-7.5A	SDG No.:	P4103
Lab Sample ID:	P4103-05	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BF139508.D	1	09/20/24 11:30	09/20/24 18:20	PB163571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	15.5	U	15.5	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	8.40	U	8.40	50.0	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	100	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	50.0	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	50.0	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	8.90	U	8.90	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	50.0	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	50.0	ug/L
87-86-5	Pentachlorophenol	61.5	J	18.5	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	120		15 (10) - 110 (139)	80%	SPK: 150
13127-88-3	Phenol-d6	111		15 (10) - 110 (134)	74%	SPK: 150
4165-60-0	Nitrobenzene-d5	91.4		30 (49) - 130 (133)	91%	SPK: 100
321-60-8	2-Fluorobiphenyl	91.5		30 (52) - 130 (132)	92%	SPK: 100
118-79-6	2,4,6-Tribromophenol	119		15 (44) - 110 (137)	80%	SPK: 150
1718-51-0	Terphenyl-d14	107		30 (48) - 130 (125)	107%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	74400	6.881			
1146-65-2	Naphthalene-d8	256000	8.157			
15067-26-2	Acenaphthene-d10	119000	9.91			
1517-22-2	Phenanthrene-d10	213000	11.398			
1719-03-5	Chrysene-d12	125000	14.033			
1520-96-3	Perylene-d12	91300	15.51			

Report of Analysis

Client:	ENTACT		Date Collected:	09/17/24	
Project:	North Point		Date Received:	09/18/24	
Client Sample ID:	WC-14-5-7.5A		SDG No.:	P4103	
Lab Sample ID:	P4103-05		Matrix:	TCLP	
Analytical Method:	SW8270		% Solid:	0	
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA	
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
BF139508.D	1	09/20/24 11:30	09/20/24 18:20	PB163571

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\BF092024\
 Data File : BF139508.D
 Acq On : 20 Sep 2024 18:20
 Operator : RC/JU
 Sample : P4103-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14-5-7.5A

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/21/2024
 Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 20 23:21:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	74397	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	256441	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	119498	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	212737	20.000	ng	0.00
76) Chrysene-d12	14.033	240	125388	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	91312	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	547931	120.148	ng	0.02
7) Phenol-d6	6.510	99	662312	110.645	ng	0.00
23) Nitrobenzene-d5	7.440	82	498516	91.389	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	151836	119.349	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	779918	91.537	ng	0.00
79) Terphenyl-d14	12.986	244	813837	106.535	ng	0.00
Target Compounds						Qvalue
70) Pentachlorophenol	11.204	266	9131m	6.150	ng	

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

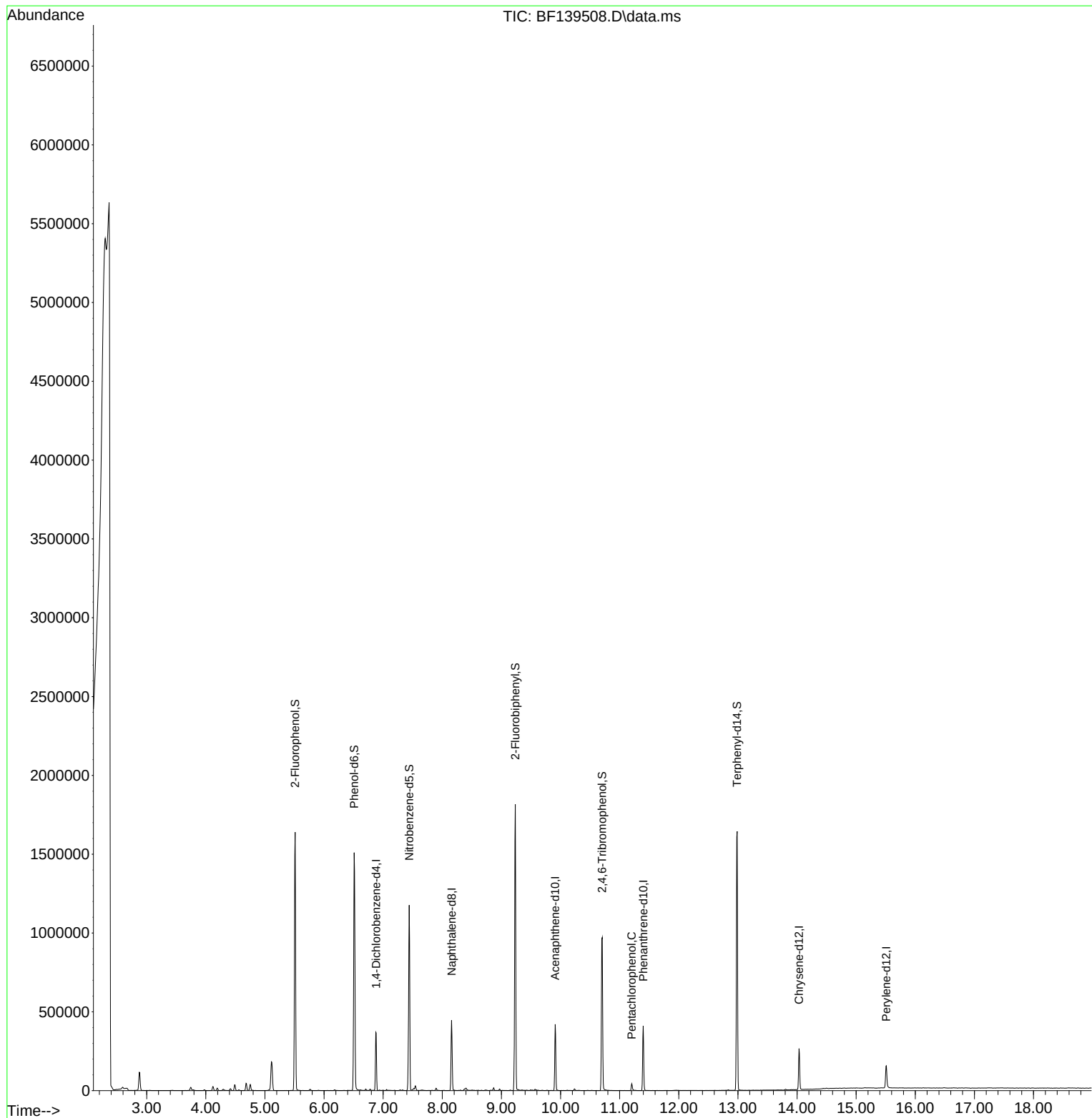
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139508.D
Acq On : 20 Sep 2024 18:20
Operator : RC/JU
Sample : P4103-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

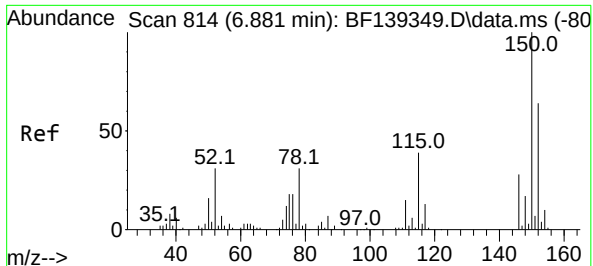
Instrument :
BNA_F
ClientSampleId :
WC-14-5-7.5A

Quant Time: Sep 20 23:21:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

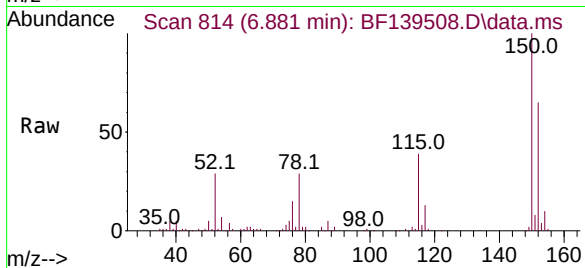
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139508.D
Acq: 20 Sep 2024 18:20

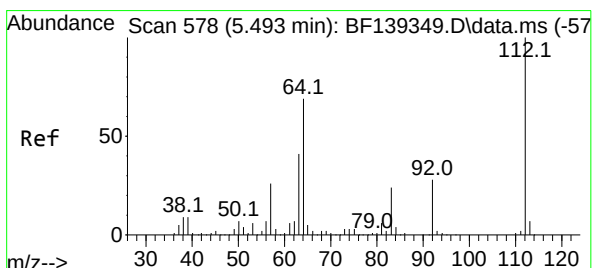
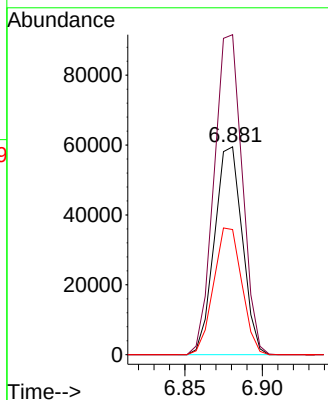
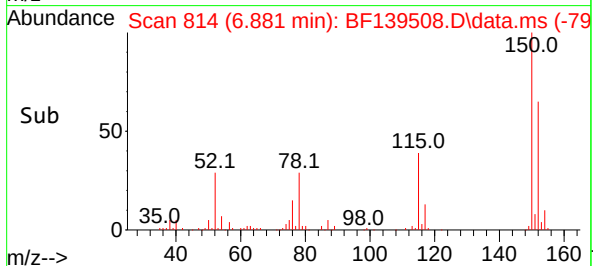
Instrument :
BNA_F
ClientSampleId :
WC-14-5-7.5A



Tgt Ion:152 Resp: 7439
Ion Ratio Lower Upper
152 100
150 153.9 124.1 186.1
115 60.2 48.1 72.1

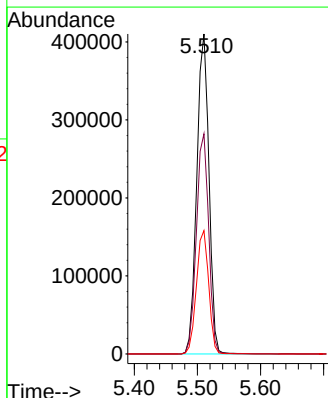
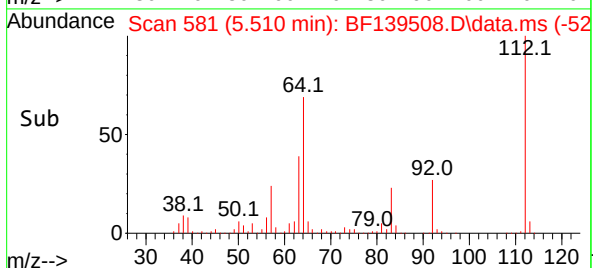
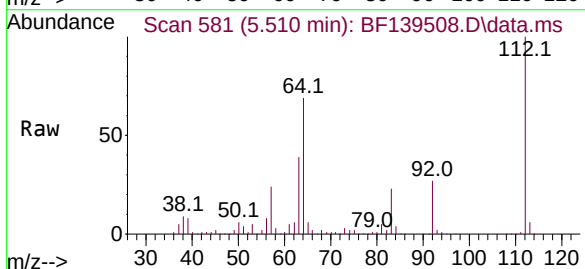
Manual Integrations
APPROVED

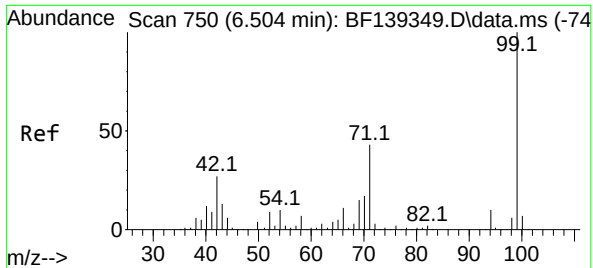
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#5
2-Fluorophenol
Concen: 120.148 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.017 min
Lab File: BF139508.D
Acq: 20 Sep 2024 18:20

Tgt Ion:112 Resp: 547931
Ion Ratio Lower Upper
112 100
64 68.8 54.8 82.2
63 38.5 33.0 49.4





#7

Phenol-d6

Concen: 110.645 ng

RT: 6.510 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF139508.D

Acq: 20 Sep 2024 18:20

Instrument :

BNA_F

ClientSampleId :

WC-14-5-7.5A

Tgt Ion: 99 Resp: 66231

Ion Ratio Lower Upper

99 100

42 24.6 21.9 32.9

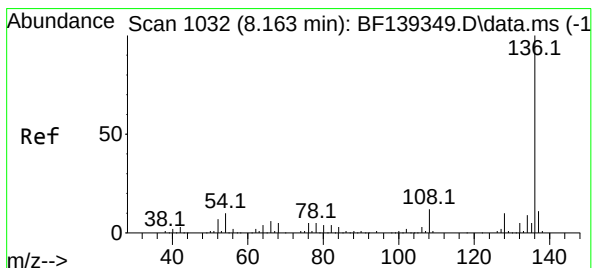
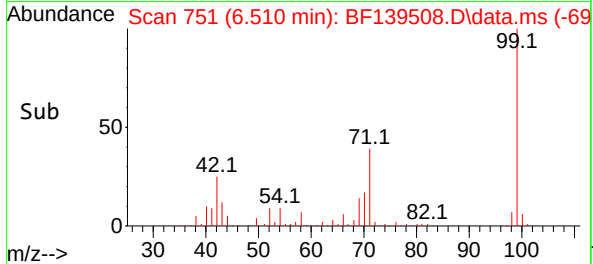
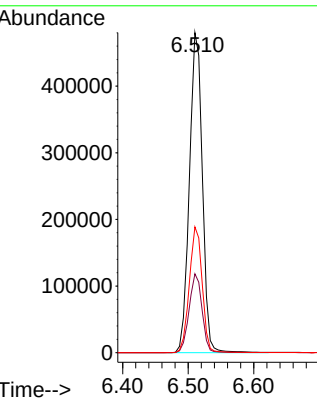
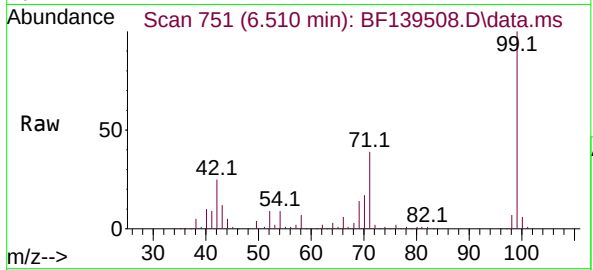
71 39.3 34.6 52.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1031

Delta R.T. -0.006 min

Lab File: BF139508.D

Acq: 20 Sep 2024 18:20

Tgt Ion:136 Resp: 256441

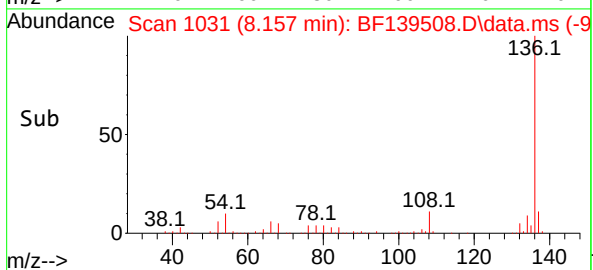
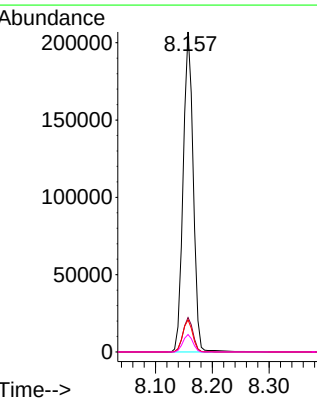
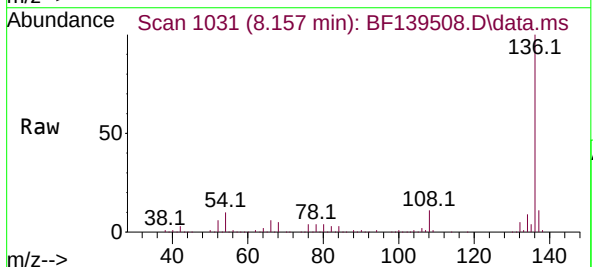
Ion Ratio Lower Upper

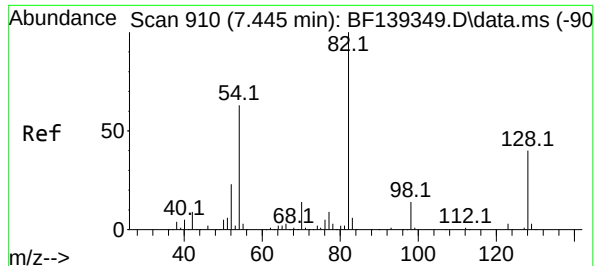
136 100

137 10.8 8.6 12.8

54 10.0 7.8 11.8

68 5.5 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 91.389 ng

RT: 7.440 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF139508.D

Acq: 20 Sep 2024 18:20

Instrument :

BNA_F

ClientSampleId :

WC-14-5-7.5A

Tgt Ion: 82 Resp: 498510

Ion Ratio Lower Upper

82 100

128 40.1 31.8 47.6

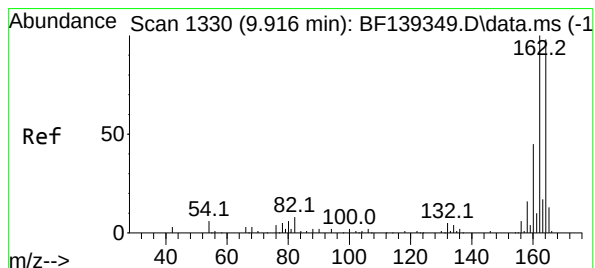
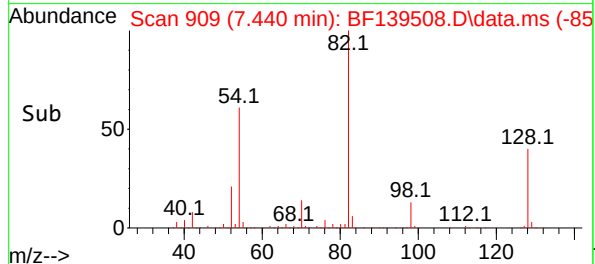
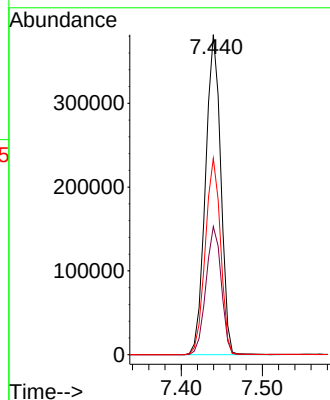
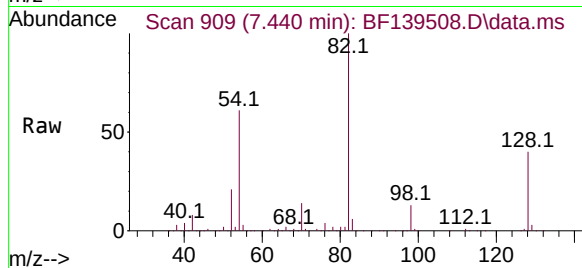
54 61.3 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF139508.D

Acq: 20 Sep 2024 18:20

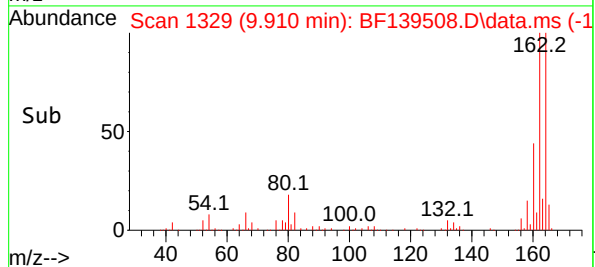
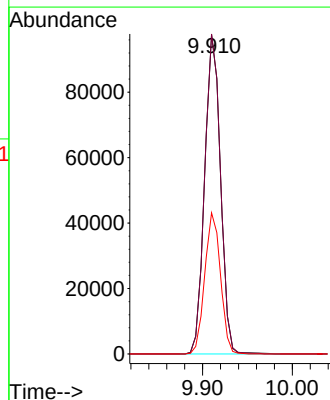
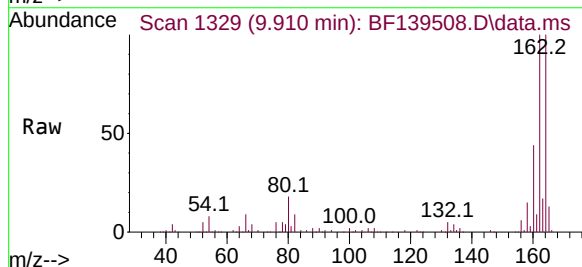
Tgt Ion:164 Resp: 119498

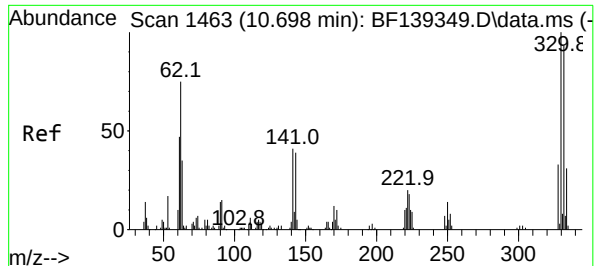
Ion Ratio Lower Upper

164 100

162 100.2 81.3 121.9

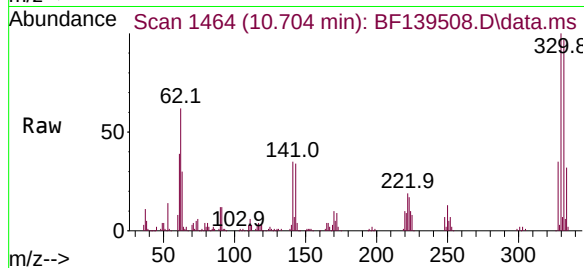
160 44.2 36.4 54.6





#42
2,4,6-Tribromophenol
Concen: 119.349 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139508.D
Acq: 20 Sep 2024 18:20

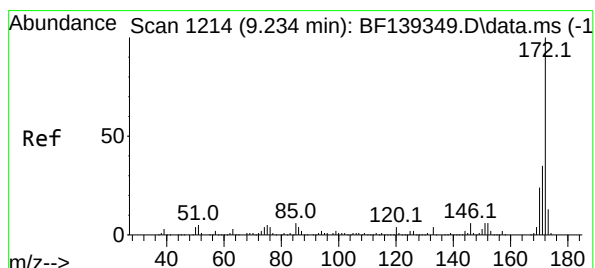
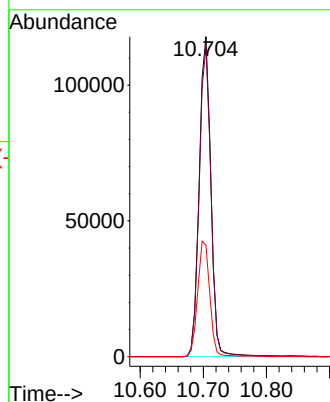
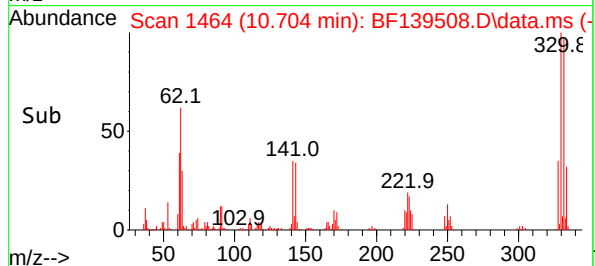
Instrument :
BNA_F
ClientSampleId :
WC-14-5-7.5A



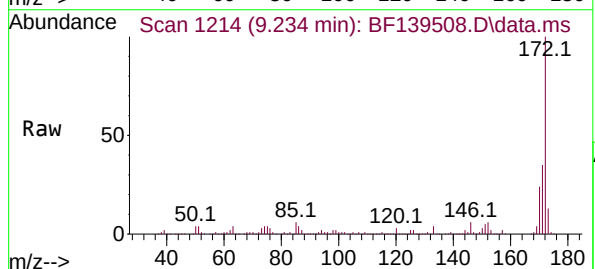
Tgt Ion: 330 Resp: 151836
Ion Ratio Lower Upper
330 100
332 97.0 75.2 112.8
141 37.5 31.2 46.8

Manual Integrations
APPROVED

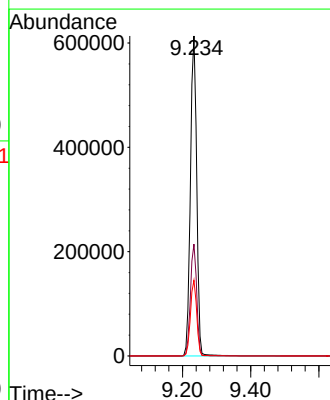
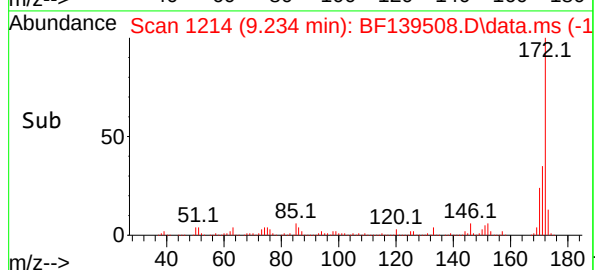
Reviewed By : Yogesh Patel 09/21/2024
Supervised By : mohammad ahmed 09/22/2024

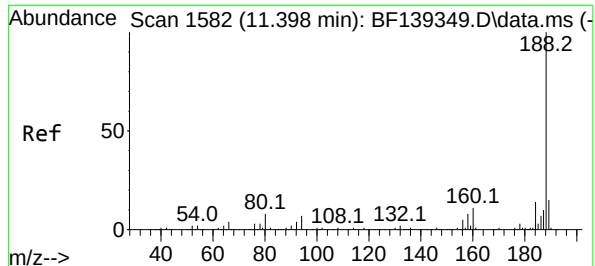


#45
2-Fluorobiphenyl
Concen: 91.537 ng
RT: 9.234 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139508.D
Acq: 20 Sep 2024 18:20



Tgt Ion: 172 Resp: 779918
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.6 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139508.D

Acq: 20 Sep 2024 18:20

Instrument :

BNA_F

ClientSampleId :

WC-14-5-7.5A

Tgt Ion:188 Resp: 21273

Ion Ratio Lower Upper

188 100

94 8.2 5.5 8.3

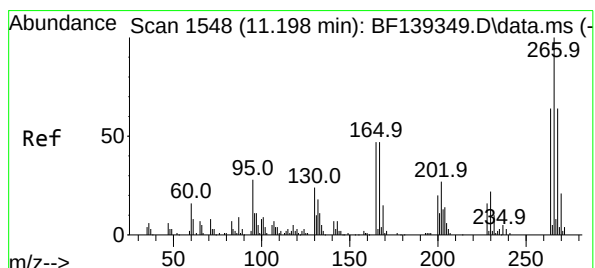
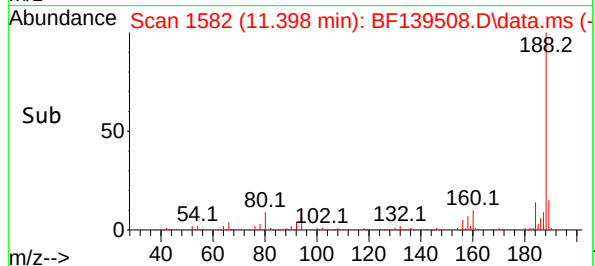
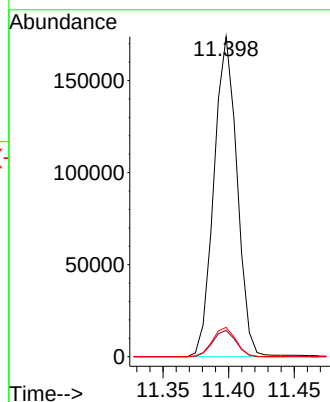
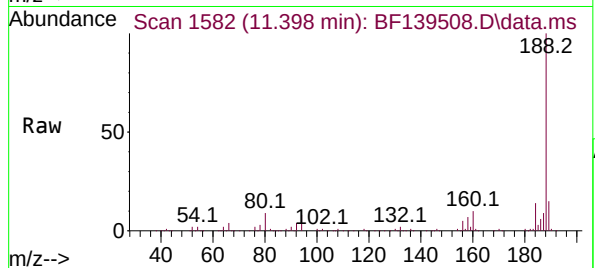
80 9.2 6.6 9.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#70

Pentachlorophenol

Concen: 6.150 ng m

RT: 11.204 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF139508.D

Acq: 20 Sep 2024 18:20

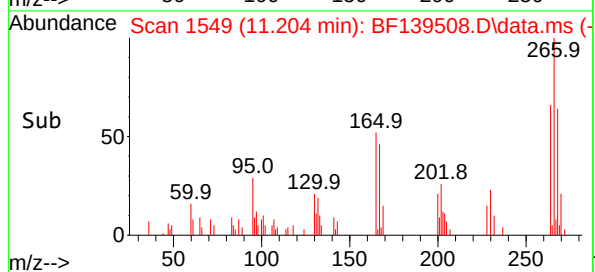
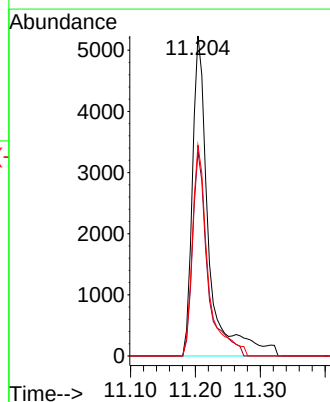
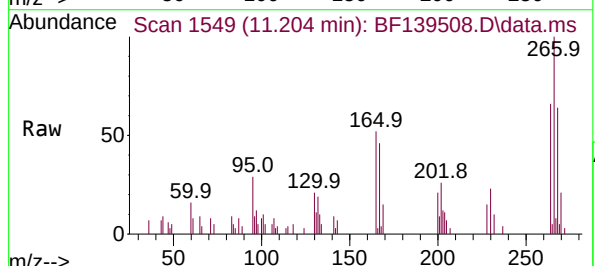
Tgt Ion:266 Resp: 9131

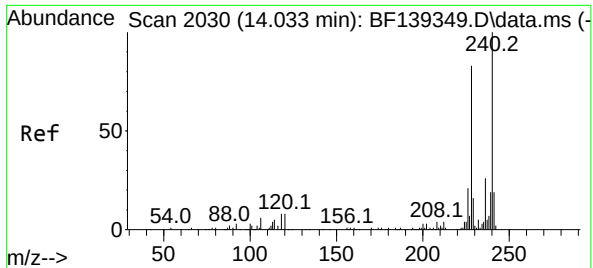
Ion Ratio Lower Upper

266 100

268 63.8 51.1 76.7

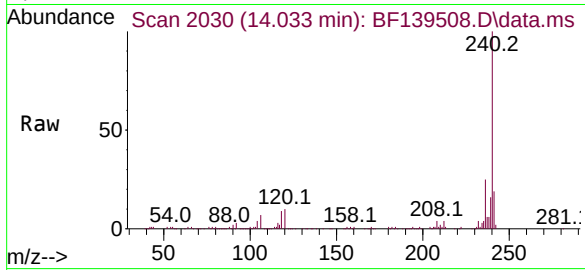
264 65.8 51.4 77.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139508.D
Acq: 20 Sep 2024 18:20

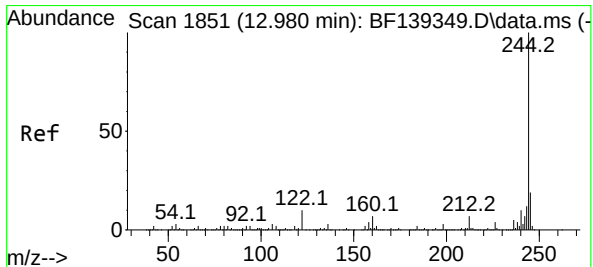
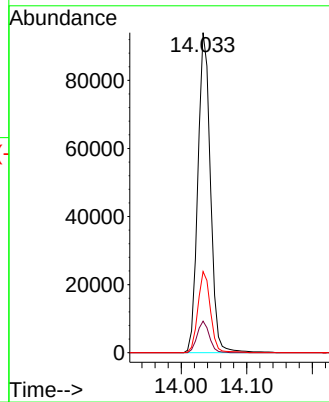
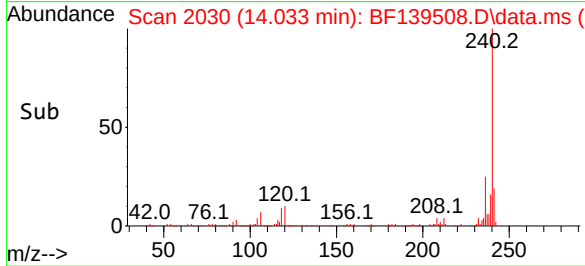
Instrument :
BNA_F
ClientSampleId :
WC-14-5-7.5A



Tgt Ion:240 Resp: 12538
Ion Ratio Lower Upper
240 100
120 9.9 6.2 9.2
236 25.4 20.9 31.3

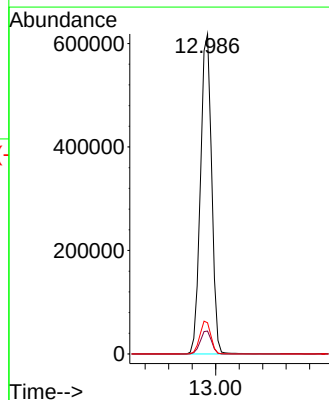
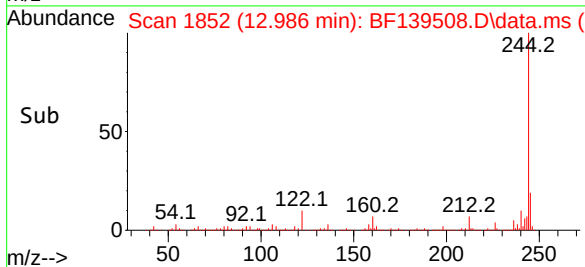
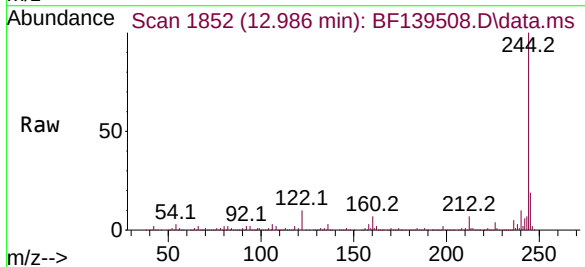
Manual Integrations
APPROVED

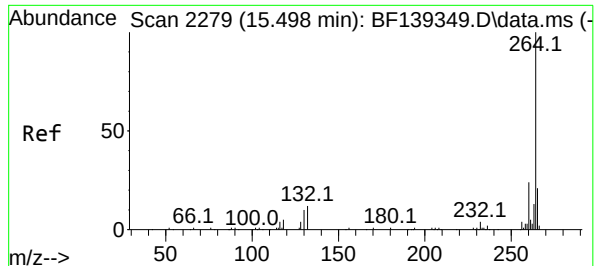
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#79
Terphenyl-d14
Concen: 106.535 ng
RT: 12.986 min Scan# 1852
Delta R.T. 0.006 min
Lab File: BF139508.D
Acq: 20 Sep 2024 18:20

Tgt Ion:244 Resp: 813837
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 9.8 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139508.D

Acq: 20 Sep 2024 18:20

Instrument :

BNA_F

ClientSampleId :

WC-14-5-7.5A

Tgt Ion:264 Resp: 91312

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

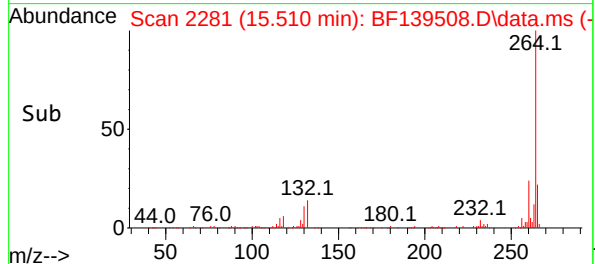
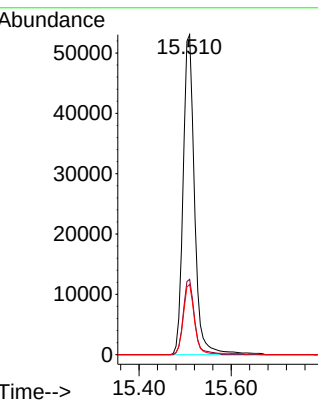
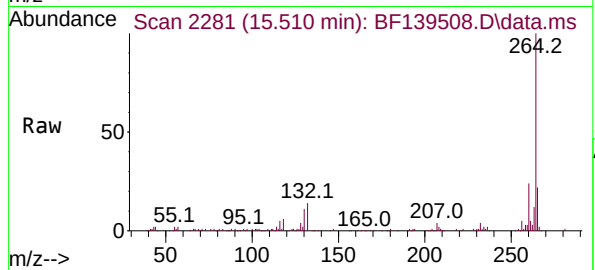
265 22.0 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



Report of Analysis

Client:	ENTACT	Date Collected:	09/17/24
Project:	North Point	Date Received:	09/18/24
Client Sample ID:	WC-14-5-7.5B	SDG No.:	P4103
Lab Sample ID:	P4103-08	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BF139509.D	1	09/20/24 11:30	09/20/24 18:49	PB163571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	15.5	U	15.5	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	8.40	U	8.40	50.0	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	100	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	50.0	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	50.0	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	8.90	U	8.90	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	50.0	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	50.0	ug/L
87-86-5	Pentachlorophenol	23.7	J	18.5	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	128		15 (10) - 110 (139)	86%	SPK: 150
13127-88-3	Phenol-d6	122		15 (10) - 110 (134)	81%	SPK: 150
4165-60-0	Nitrobenzene-d5	88.4		30 (49) - 130 (133)	88%	SPK: 100
321-60-8	2-Fluorobiphenyl	89.6		30 (52) - 130 (132)	90%	SPK: 100
118-79-6	2,4,6-Tribromophenol	121		15 (44) - 110 (137)	81%	SPK: 150
1718-51-0	Terphenyl-d14	102		30 (48) - 130 (125)	102%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	76900	6.881			
1146-65-2	Naphthalene-d8	265000	8.157			
15067-26-2	Acenaphthene-d10	124000	9.91			
1517-22-2	Phenanthrene-d10	221000	11.398			
1719-03-5	Chrysene-d12	131000	14.033			
1520-96-3	Perylene-d12	98200	15.509			

Report of Analysis

Client:	ENTACT	Date Collected:	09/17/24
Project:	North Point	Date Received:	09/18/24
Client Sample ID:	WC-14-5-7.5B	SDG No.:	P4103
Lab Sample ID:	P4103-08	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BF139509.D	1	09/20/24 11:30	09/20/24 18:49	PB163571

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\BF092024\
 Data File : BF139509.D
 Acq On : 20 Sep 2024 18:49
 Operator : RC/JU
 Sample : P4103-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14-5-7.5B

Quant Time: Sep 20 23:22:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

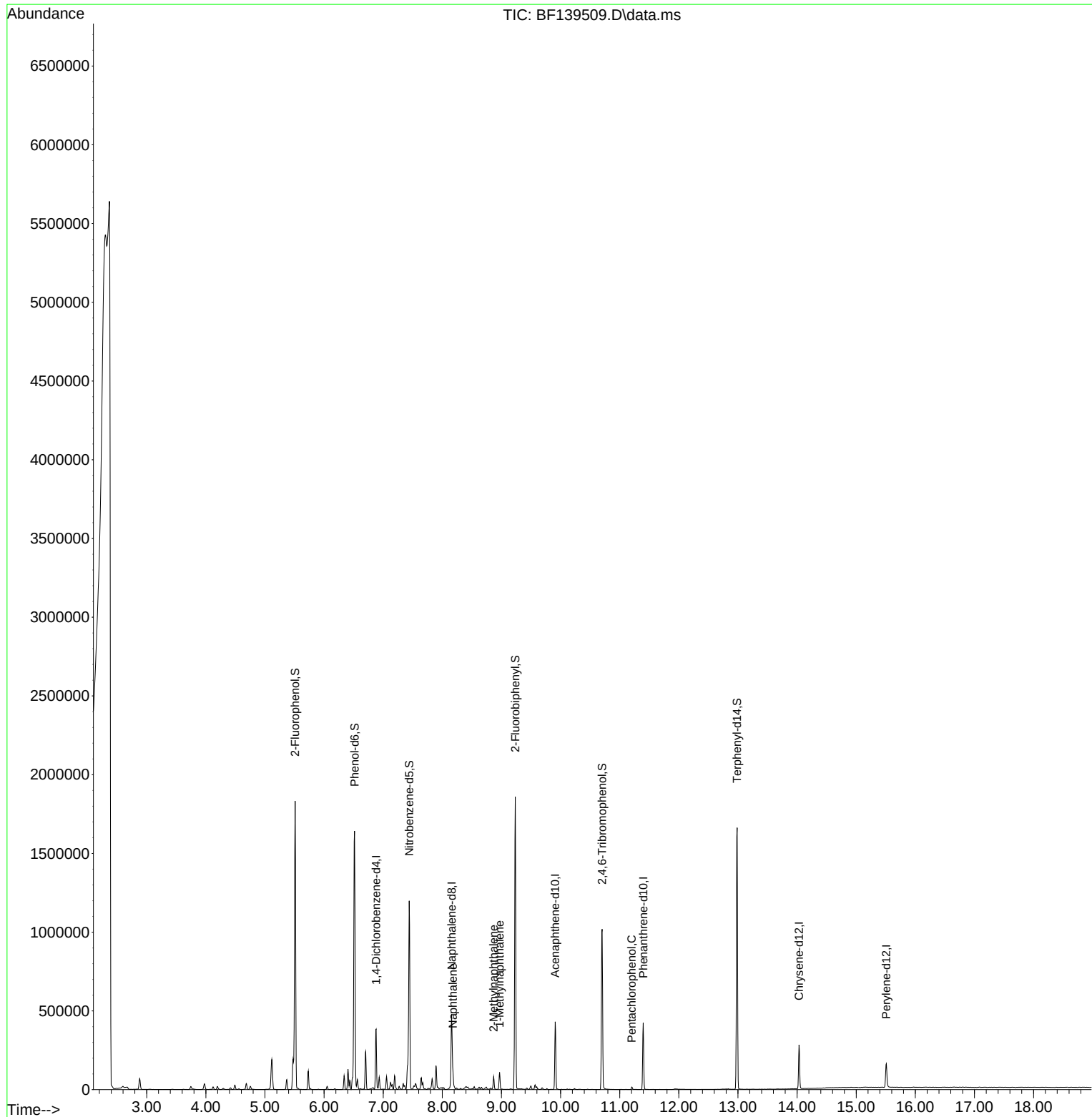
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	76931	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	265343	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	123864	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	220987	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	131452	20.000	ng	# 0.00
86) Perylene-d12	15.509	264	98227	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	605769	128.455	ng	0.02
7) Phenol-d6	6.516	99	752732	121.608	ng	0.01
23) Nitrobenzene-d5	7.439	82	498841	88.381	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	159998	121.332	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	791154	89.583	ng	0.00
79) Terphenyl-d14	12.986	244	817830	102.119	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.181	128	49927	3.604	ng	99
37) 2-Methylnaphthalene	8.869	142	24604	2.798	ng	100
38) 1-Methylnaphthalene	8.969	142	36424	4.220	ng	100
70) Pentachlorophenol	11.204	266	3659	2.373	ng	# 88

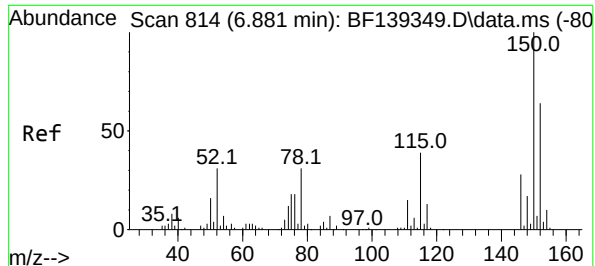
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139509.D
Acq On : 20 Sep 2024 18:49
Operator : RC/JU
Sample : P4103-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14-5-7.5B

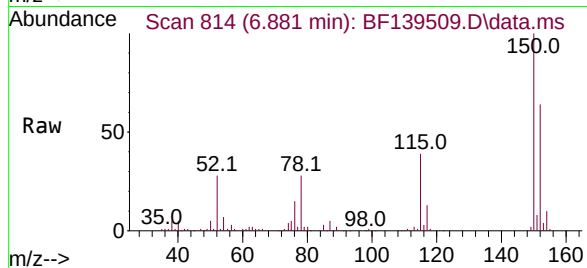
Quant Time: Sep 20 23:22:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration



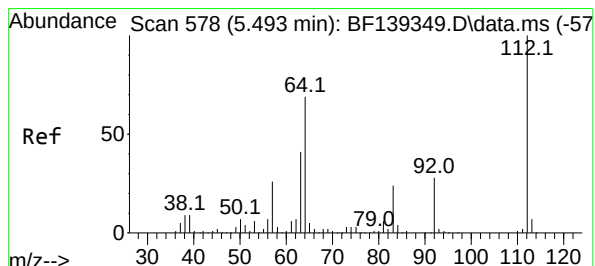
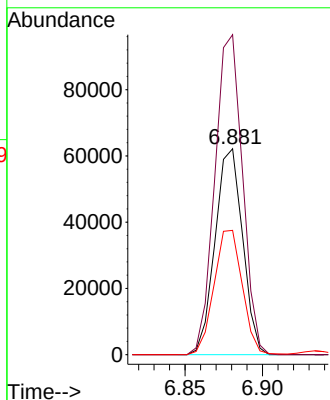
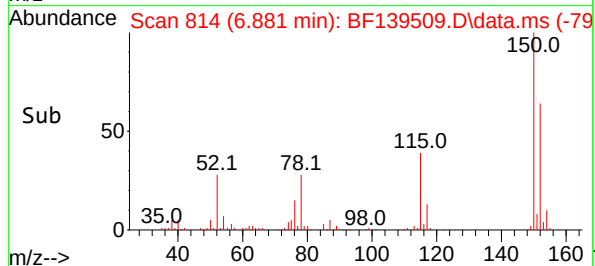


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139509.D
Acq: 20 Sep 2024 18:49

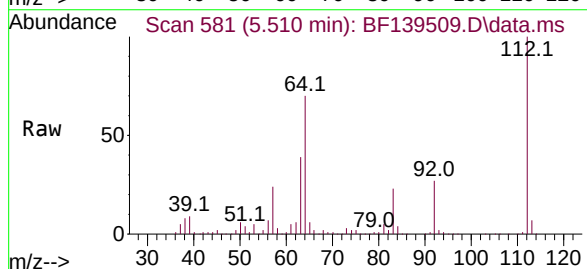
Instrument :
BNA_F
ClientSampleId :
WC-14-5-7.5B



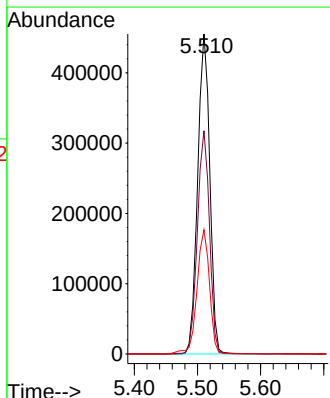
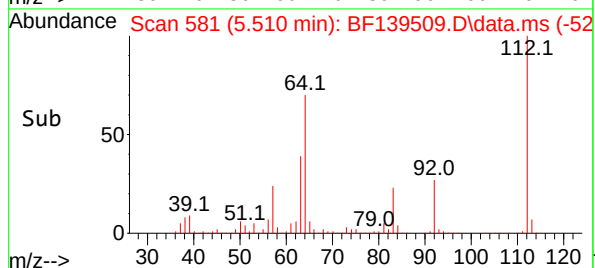
Tgt Ion:152 Resp: 76931
Ion Ratio Lower Upper
152 100
150 155.4 124.1 186.1
115 60.4 48.1 72.1

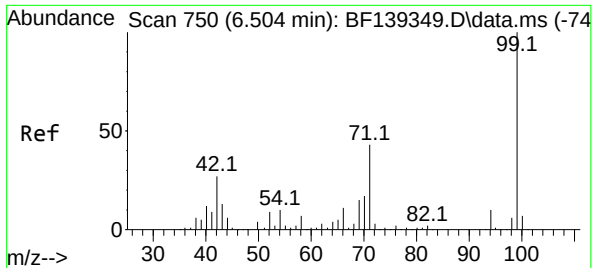


#5
2-Fluorophenol
Concen: 128.455 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.017 min
Lab File: BF139509.D
Acq: 20 Sep 2024 18:49



Tgt Ion:112 Resp: 605769
Ion Ratio Lower Upper
112 100
64 69.8 54.8 82.2
63 38.8 33.0 49.4

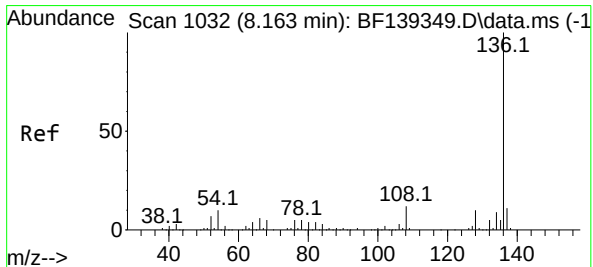
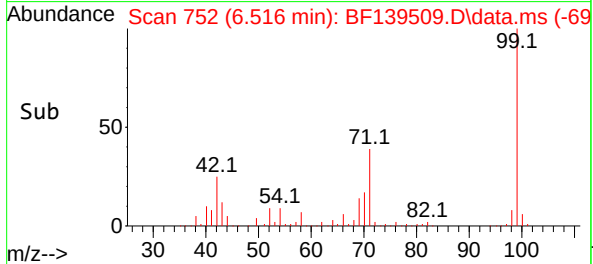
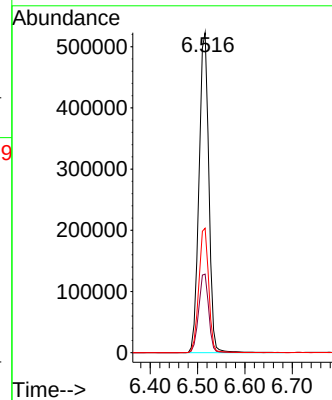
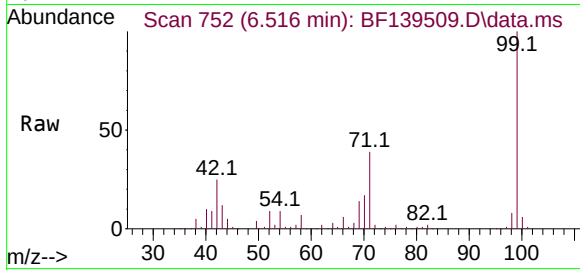




#7
Phenol-d6
Concen: 121.608 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF139509.D
Acq: 20 Sep 2024 18:49

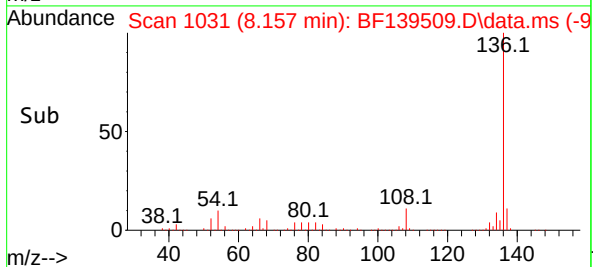
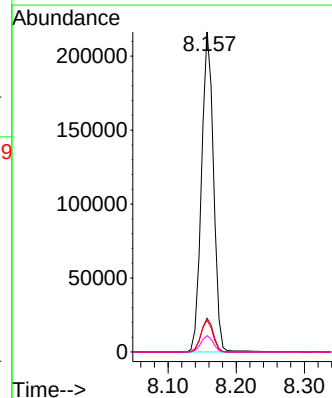
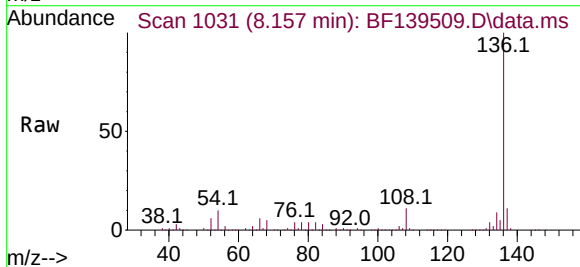
Instrument :
BNA_F
ClientSampleId :
WC-14-5-7.5B

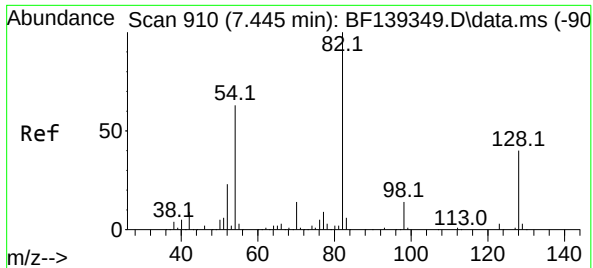
Tgt Ion: 99 Resp: 752732
Ion Ratio Lower Upper
99 100
42 24.6 21.9 32.9
71 38.9 34.6 52.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139509.D
Acq: 20 Sep 2024 18:49

Tgt Ion: 136 Resp: 265343
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 9.9 7.8 11.8
68 5.1 3.6 5.4





#23

Nitrobenzene-d5

Concen: 88.381 ng

RT: 7.439 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF139509.D

Acq: 20 Sep 2024 18:49

Instrument :

BNA_F

ClientSampleId :

WC-14-5-7.5B

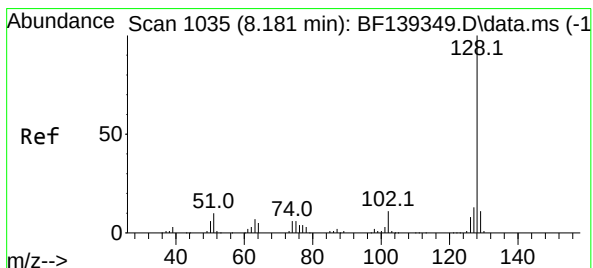
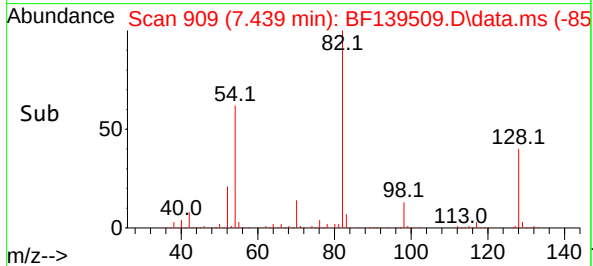
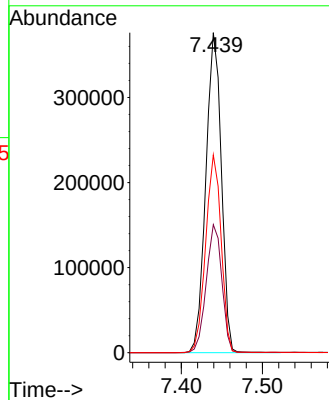
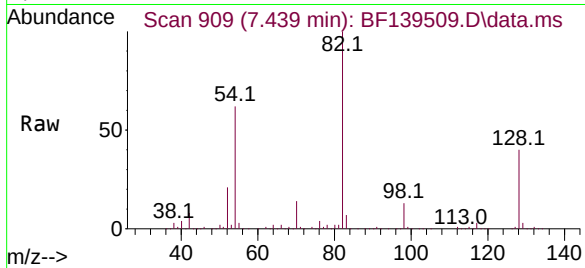
Tgt Ion: 82 Resp: 498841

Ion Ratio Lower Upper

82 100

128 40.0 31.8 47.6

54 61.8 50.6 75.8



#31

Naphthalene

Concen: 3.604 ng

RT: 8.181 min Scan# 1035

Delta R.T. -0.000 min

Lab File: BF139509.D

Acq: 20 Sep 2024 18:49

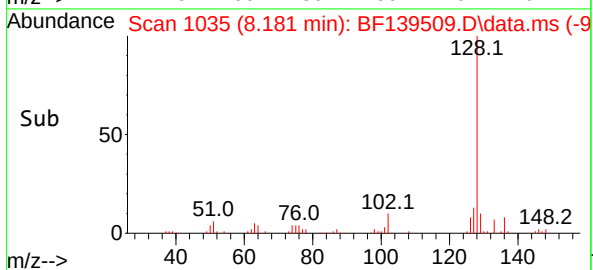
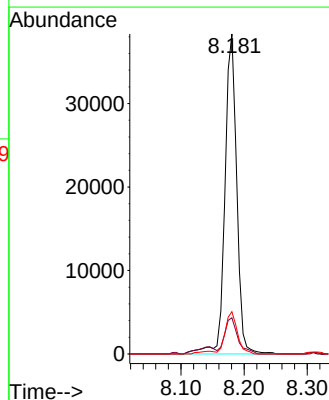
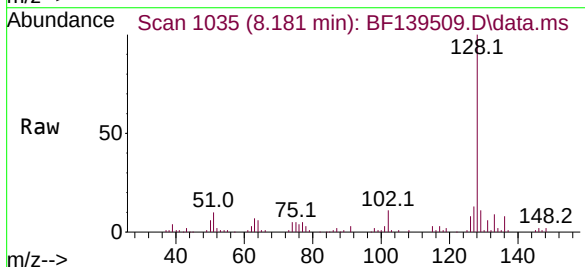
Tgt Ion: 128 Resp: 49927

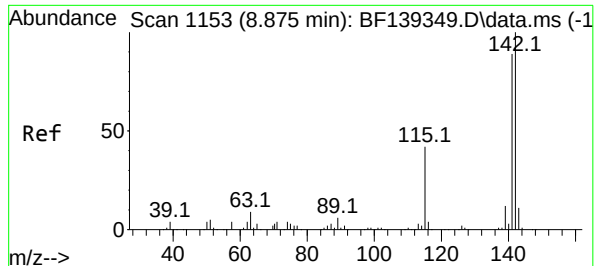
Ion Ratio Lower Upper

128 100

129 11.3 8.6 13.0

127 13.2 10.6 16.0





#37

2-Methylnaphthalene

Concen: 2.798 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF139509.D

Acq: 20 Sep 2024 18:49

Instrument :

BNA_F

ClientSampleId :

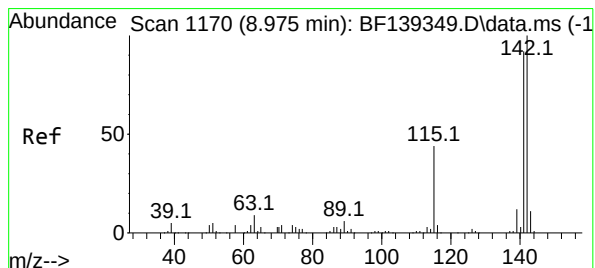
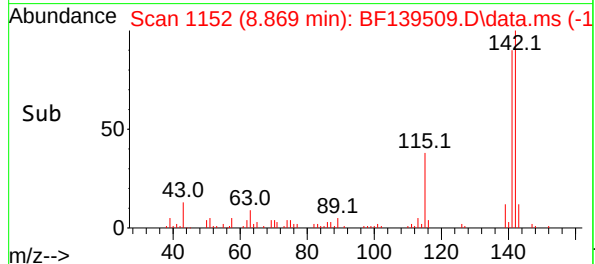
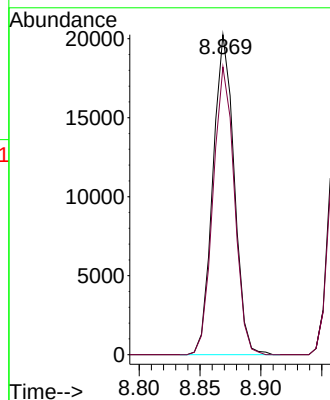
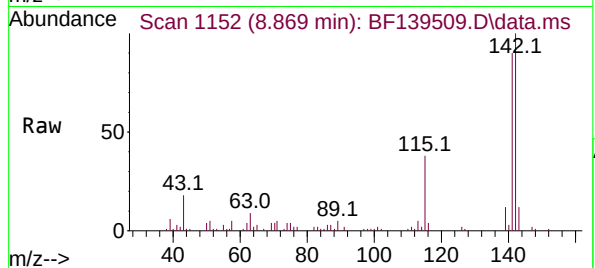
WC-14-5-7.5B

Tgt Ion:142 Resp: 24604

Ion Ratio Lower Upper

142 100

141 90.0 71.6 107.4



#38

1-Methylnaphthalene

Concen: 4.220 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF139509.D

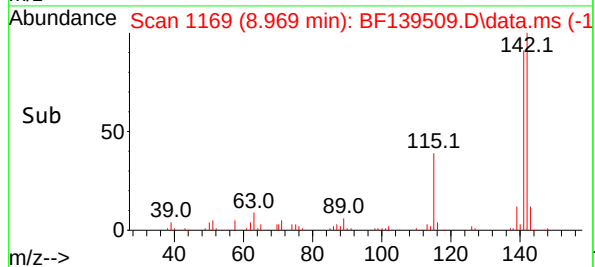
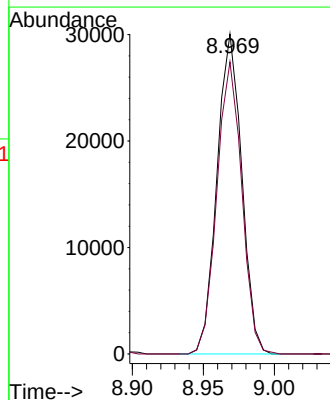
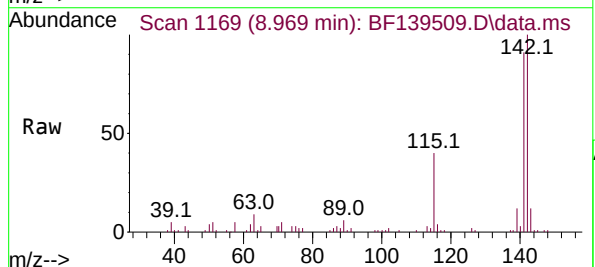
Acq: 20 Sep 2024 18:49

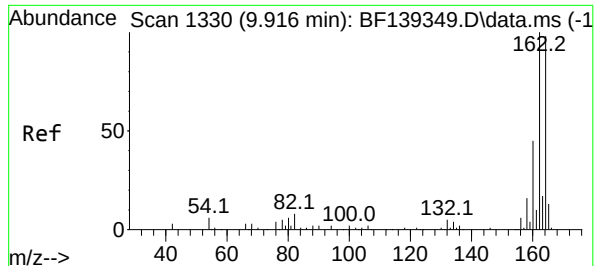
Tgt Ion:142 Resp: 36424

Ion Ratio Lower Upper

142 100

141 91.3 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139509.D

Acq: 20 Sep 2024 18:49

Instrument :

BNA_F

ClientSampleId :

WC-14-5-7.5B

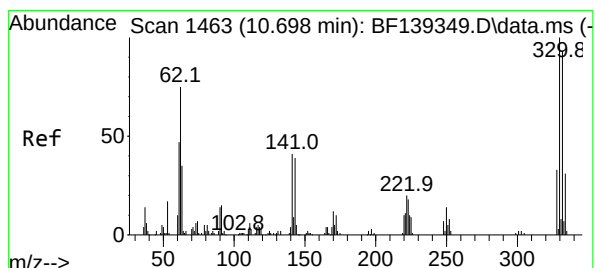
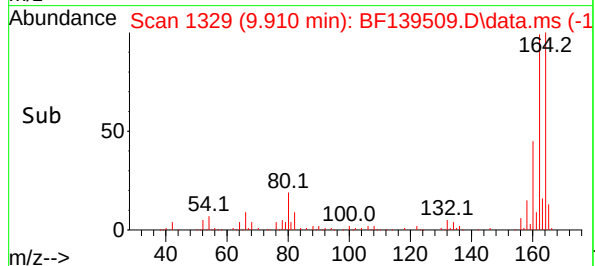
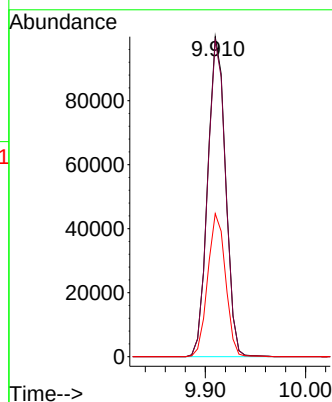
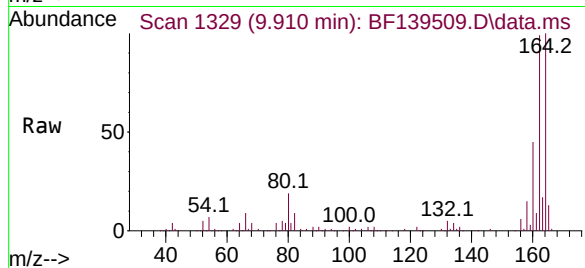
Tgt Ion:164 Resp: 123864

Ion Ratio Lower Upper

164 100

162 98.8 81.3 121.9

160 44.7 36.4 54.6



#42

2,4,6-Tribromophenol

Concen: 121.332 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.006 min

Lab File: BF139509.D

Acq: 20 Sep 2024 18:49

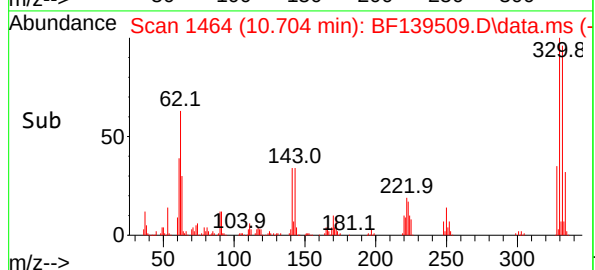
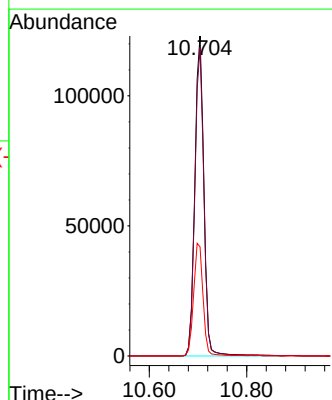
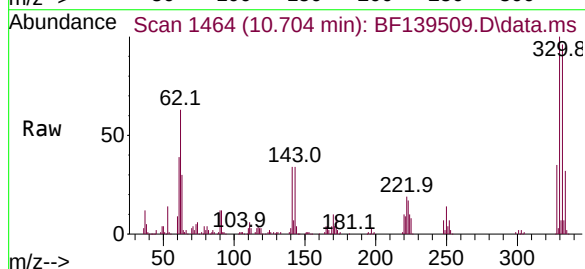
Tgt Ion:330 Resp: 159998

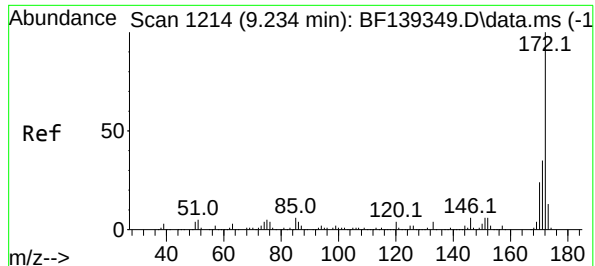
Ion Ratio Lower Upper

330 100

332 96.3 75.2 112.8

141 36.4 31.2 46.8





#45

2-Fluorobiphenyl

Concen: 89.583 ng

RT: 9.233 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139509.D

Acq: 20 Sep 2024 18:49

Instrument :

BNA_F

ClientSampleId :

WC-14-5-7.5B

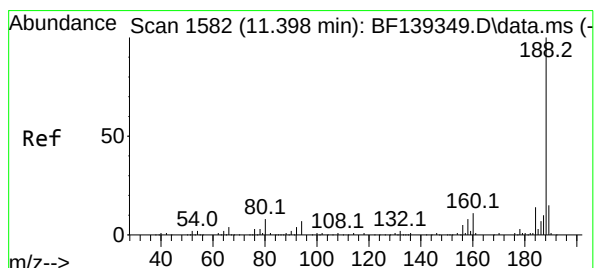
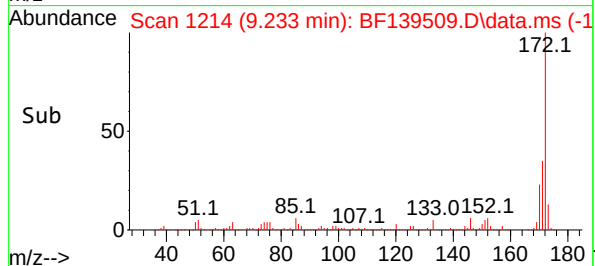
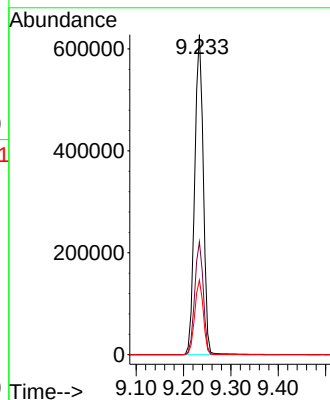
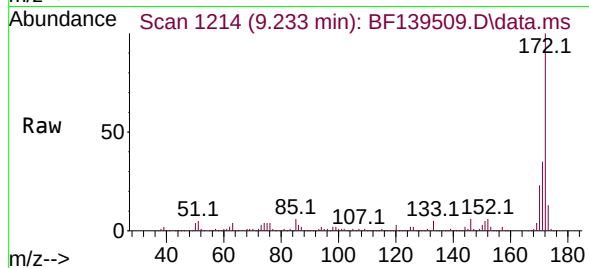
Tgt Ion:172 Resp: 791154

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.3 19.0 28.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.000 min

Lab File: BF139509.D

Acq: 20 Sep 2024 18:49

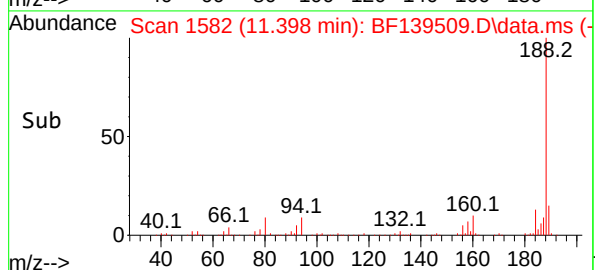
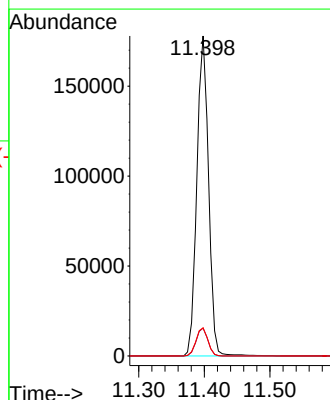
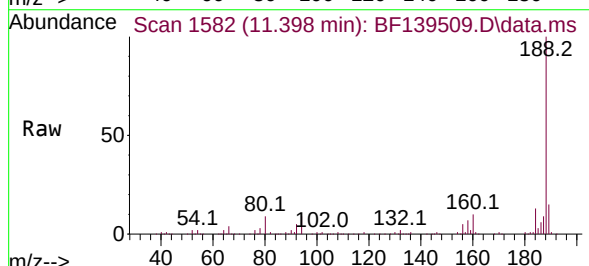
Tgt Ion:188 Resp: 220987

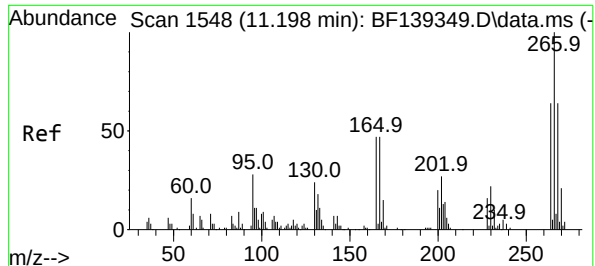
Ion Ratio Lower Upper

188 100

94 8.7 5.5 8.3#

80 8.8 6.6 9.8





#70

Pentachlorophenol

Concen: 2.373 ng

RT: 11.204 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139509.D

Acq: 20 Sep 2024 18:49

Instrument :

BNA_F

ClientSampleId :

WC-14-5-7.5B

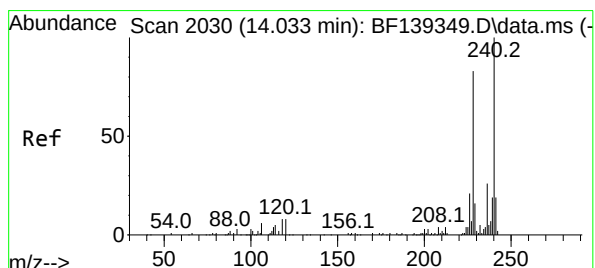
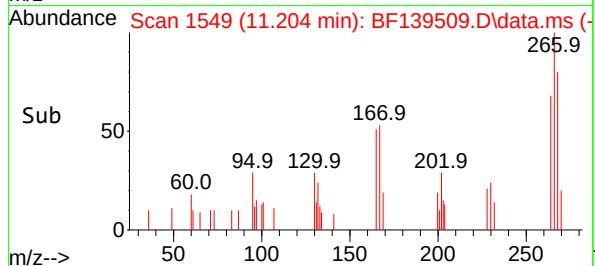
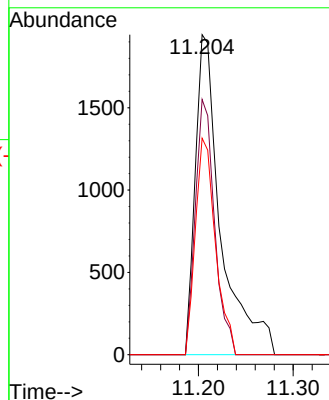
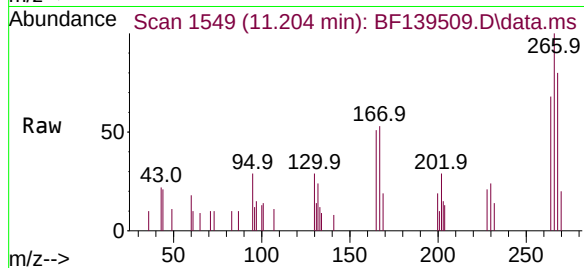
Tgt Ion:266 Resp: 3659

Ion Ratio Lower Upper

266 100

268 79.7 51.1 76.7#

264 67.6 51.4 77.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139509.D

Acq: 20 Sep 2024 18:49

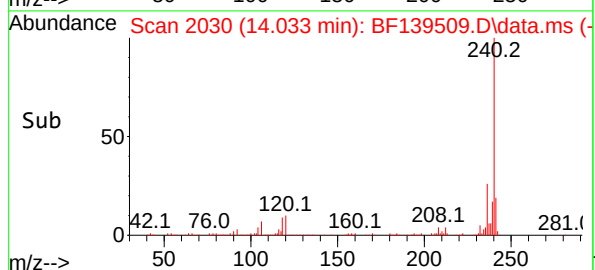
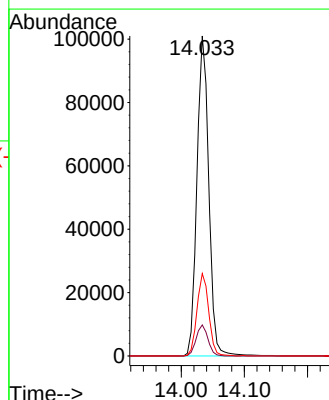
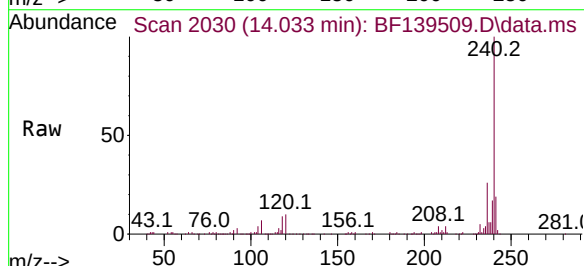
Tgt Ion:240 Resp: 131452

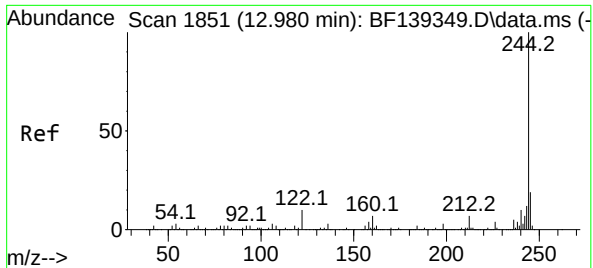
Ion Ratio Lower Upper

240 100

120 9.7 6.2 9.2#

236 25.8 20.9 31.3





#79

Terphenyl-d14

Concen: 102.119 ng

RT: 12.986 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139509.D

Acq: 20 Sep 2024 18:49

Instrument :

BNA_F

ClientSampleId :

WC-14-5-7.5B

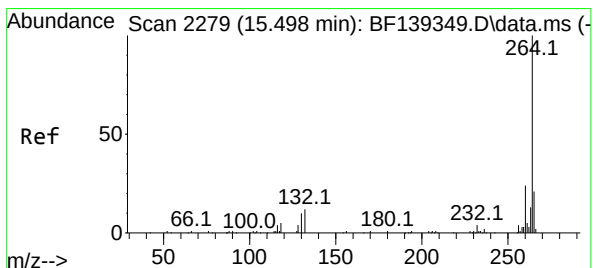
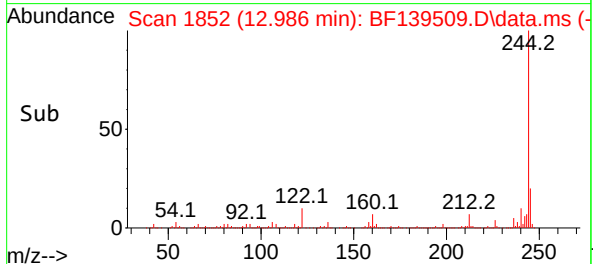
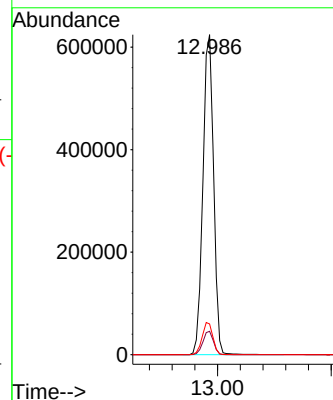
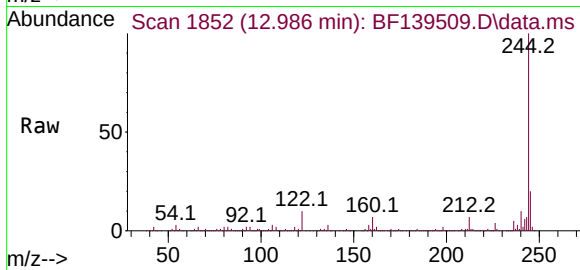
Tgt Ion:244 Resp: 817830

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 9.6 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 2281

Delta R.T. 0.012 min

Lab File: BF139509.D

Acq: 20 Sep 2024 18:49

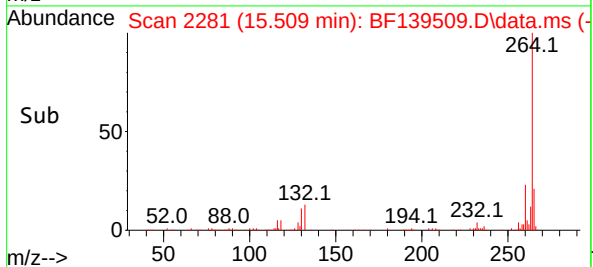
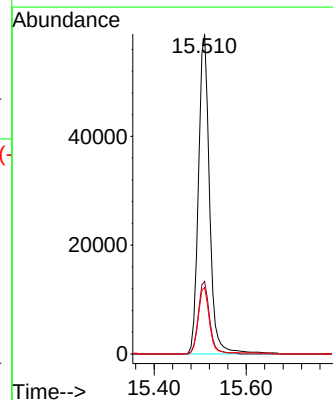
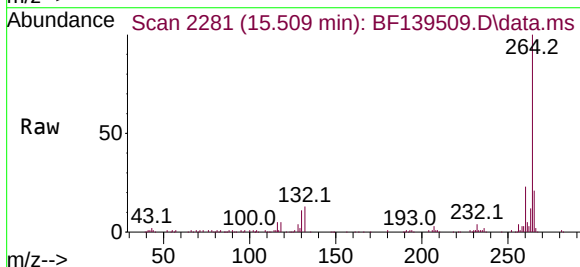
Tgt Ion:264 Resp: 98227

Ion Ratio Lower Upper

264 100

260 22.7 19.5 29.3

265 20.7 16.6 25.0



Report of Analysis

Client:	ENTACT	Date Collected:	09/17/24
Project:	North Point	Date Received:	09/18/24
Client Sample ID:	WC-14-7.5-10A	SDG No.:	P4103
Lab Sample ID:	P4103-11	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BF139510.D	1	09/20/24 11:30	09/20/24 19:18	PB163571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	15.5	U	15.5	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	8.40	U	8.40	50.0	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	100	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	50.0	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	50.0	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	8.90	U	8.90	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	50.0	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	50.0	ug/L
87-86-5	Pentachlorophenol	110		18.5	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	126		15 (10) - 110 (139)	84%	SPK: 150
13127-88-3	Phenol-d6	120		15 (10) - 110 (134)	80%	SPK: 150
4165-60-0	Nitrobenzene-d5	87.4		30 (49) - 130 (133)	87%	SPK: 100
321-60-8	2-Fluorobiphenyl	88.4		30 (52) - 130 (132)	88%	SPK: 100
118-79-6	2,4,6-Tribromophenol	115		15 (44) - 110 (137)	77%	SPK: 150
1718-51-0	Terphenyl-d14	101		30 (48) - 130 (125)	101%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	73100	6.881			
1146-65-2	Naphthalene-d8	250000	8.157			
15067-26-2	Acenaphthene-d10	112000	9.91			
1517-22-2	Phenanthrene-d10	192000	11.398			
1719-03-5	Chrysene-d12	112000	14.033			
1520-96-3	Perylene-d12	88800	15.51			

Report of Analysis

Client:	ENTACT	Date Collected:	09/17/24
Project:	North Point	Date Received:	09/18/24
Client Sample ID:	WC-14-7.5-10A	SDG No.:	P4103
Lab Sample ID:	P4103-11	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BF139510.D	1	09/20/24 11:30	09/20/24 19:18	PB163571

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\BF092024\
Data File : BF139510.D
Acq On : 20 Sep 2024 19:18
Operator : RC/JU
Sample : P4103-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14-7.5-10A

Quant Time: Sep 20 23:22:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

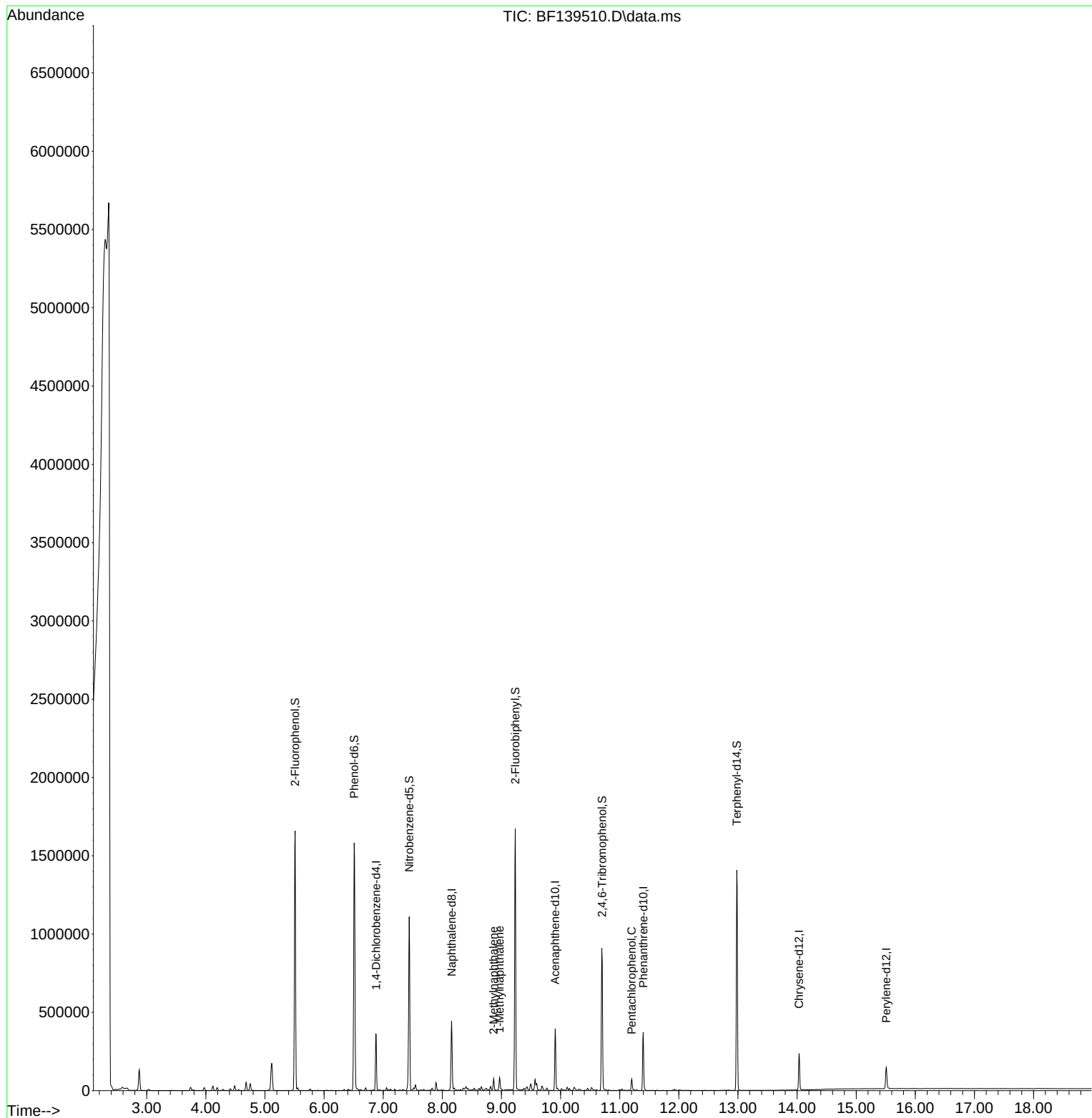
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	73109	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	250421	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	112091	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	192291	20.000	ng	0.00
76) Chrysene-d12	14.033	240	112426	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	88798	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	562603	125.539	ng	0.02
7) Phenol-d6	6.510	99	707784	120.325	ng	0.00
23) Nitrobenzene-d5	7.439	82	465745	87.434	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	137323	115.074	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	706835	88.442	ng	0.00
79) Terphenyl-d14	12.980	244	688725	100.552	ng	0.00
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.869	142	23250	2.802	ng	97
38) 1-Methylnaphthalene	8.969	142	25143	3.086	ng	99
70) Pentachlorophenol	11.204	266	14091	10.500	ng	96

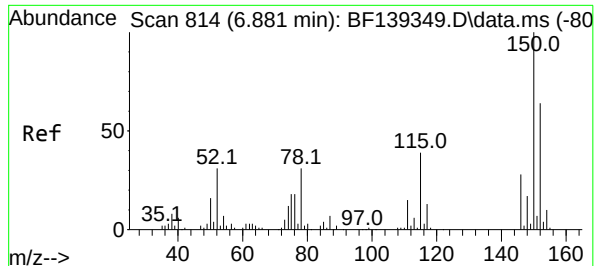
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139510.D
Acq On : 20 Sep 2024 19:18
Operator : RC/JU
Sample : P4103-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14-7.5-10A

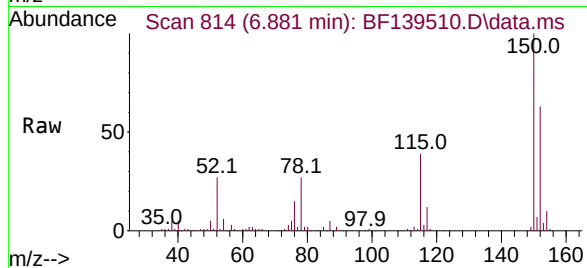
Quant Time: Sep 20 23:22:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration



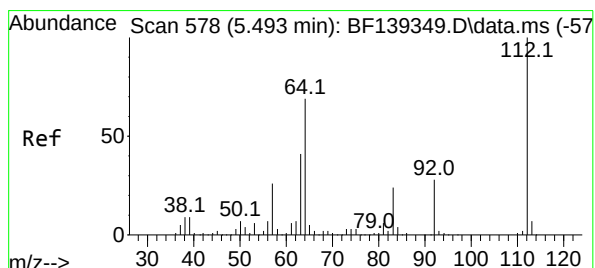
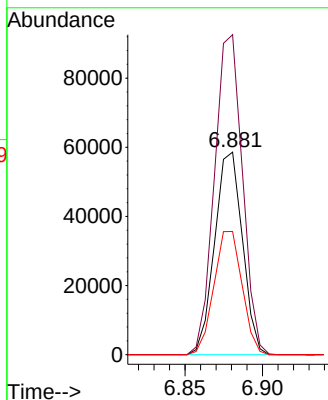
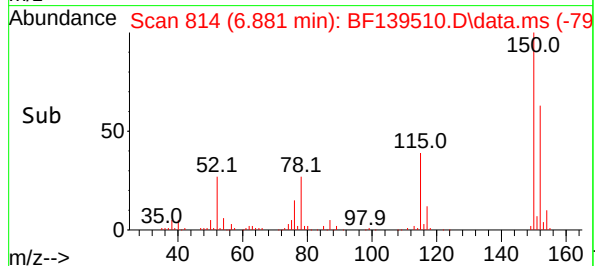


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139510.D
Acq: 20 Sep 2024 19:18

Instrument :
BNA_F
ClientSampleId :
WC-14-7.5-10A

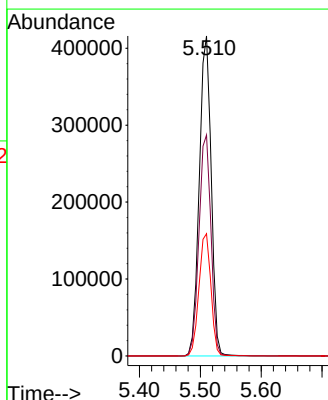
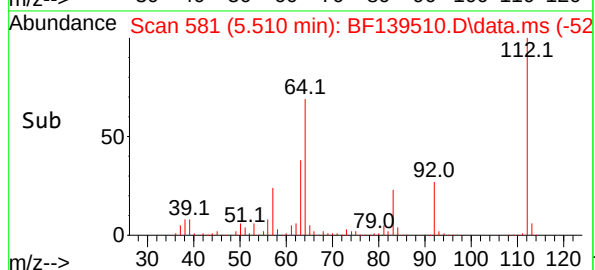
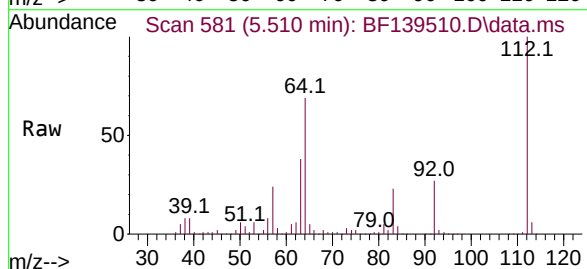


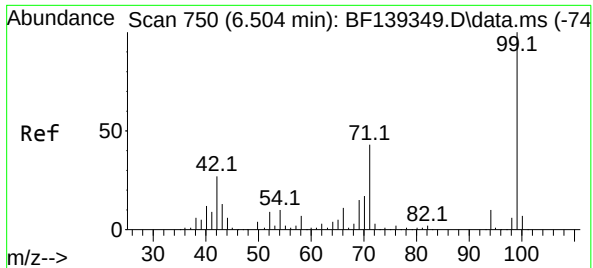
Tgt Ion:152 Resp: 73109
Ion Ratio Lower Upper
152 100
150 158.0 124.1 186.1
115 60.8 48.1 72.1



#5
2-Fluorophenol
Concen: 125.539 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.017 min
Lab File: BF139510.D
Acq: 20 Sep 2024 19:18

Tgt Ion:112 Resp: 562603
Ion Ratio Lower Upper
112 100
64 69.0 54.8 82.2
63 38.2 33.0 49.4

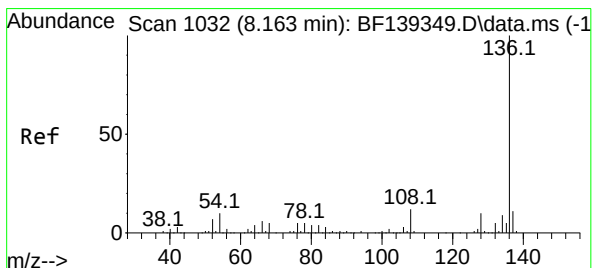
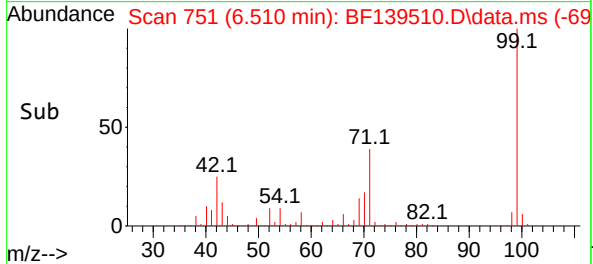
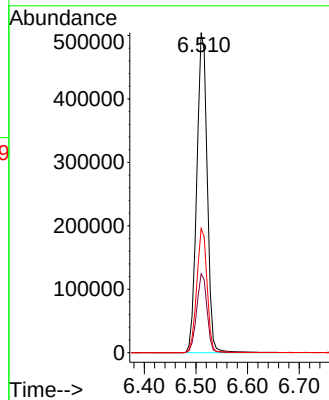
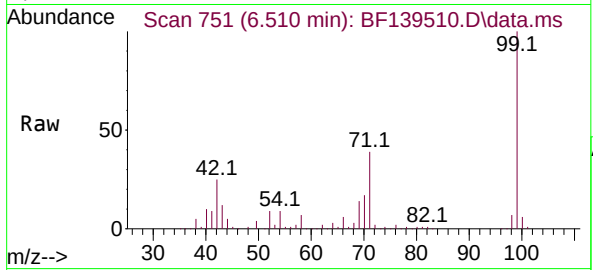




#7
Phenol-d6
Concen: 120.325 ng
RT: 6.510 min Scan# 70
Delta R.T. 0.006 min
Lab File: BF139510.D
Acq: 20 Sep 2024 19:18

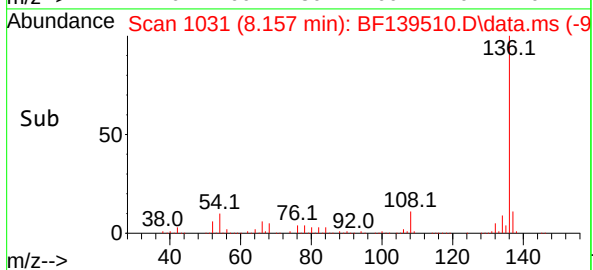
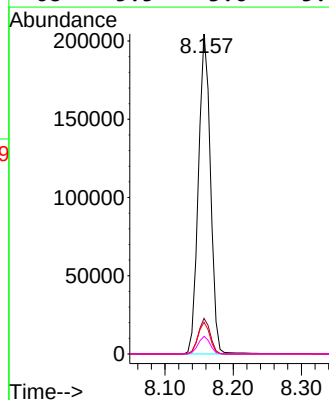
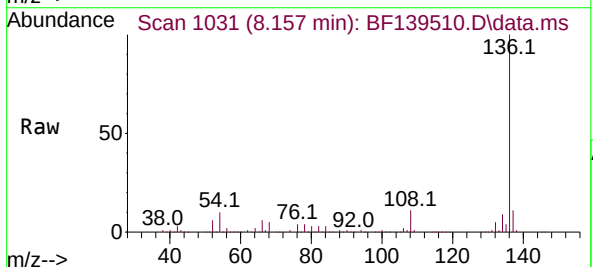
Instrument :
BNA_F
ClientSampleId :
WC-14-7.5-10A

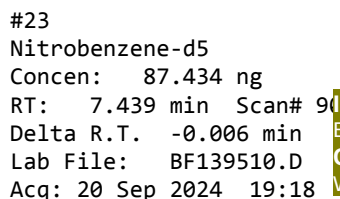
Tgt Ion: 99 Resp: 707784
Ion Ratio Lower Upper
99 100
42 24.7 21.9 32.9
71 38.8 34.6 52.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139510.D
Acq: 20 Sep 2024 19:18

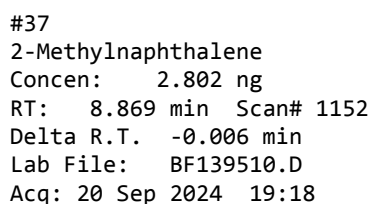
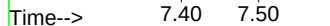
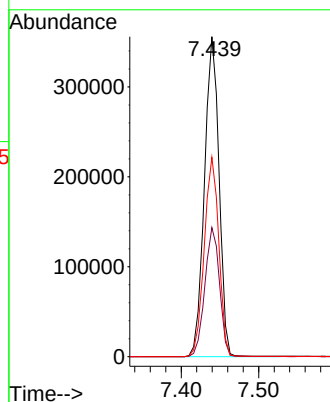
Tgt Ion: 136 Resp: 250421
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 9.9 7.8 11.8
68 5.5 3.6 5.4#



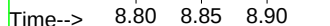
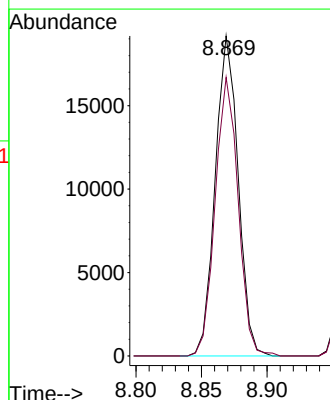


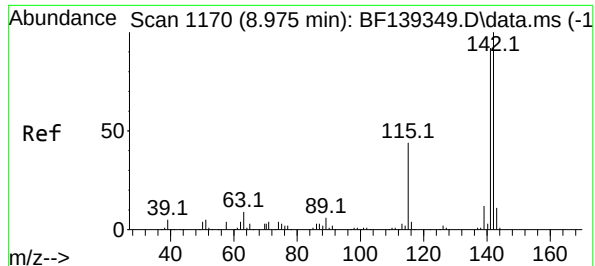
Instrument :
BNA_F
ClientSampleId :
WC-14-7.5-10A

Tgt Ion: 82	Resp: 465745
Ion Ratio	Lower Upper
82 100	
128 40.4	31.8 47.6
54 62.3	50.6 75.8



Tgt	Ion:142	Resp:	23250
Ion	Ratio	Lower	Upper
142	100		
141	87.1	71.6	107.4





#38

1-Methylnaphthalene

Concen: 3.086 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF139510.D

Acq: 20 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

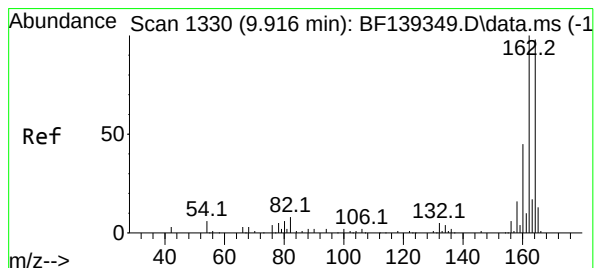
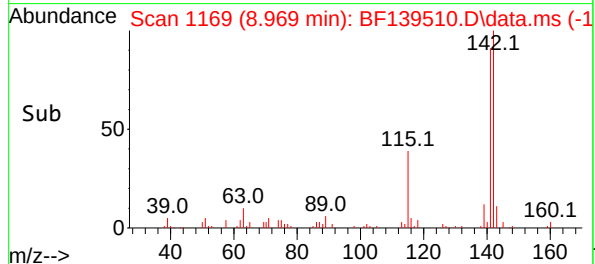
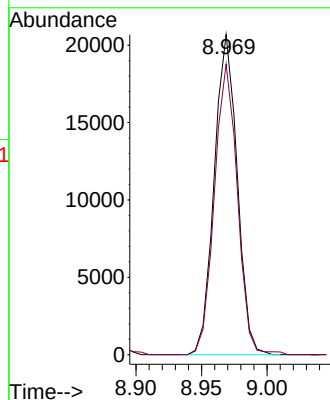
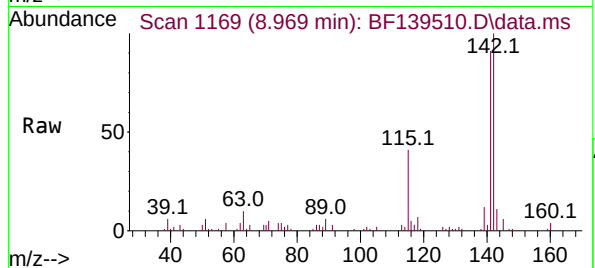
WC-14-7.5-10A

Tgt Ion:142 Resp: 25143

Ion Ratio Lower Upper

142 100

141 90.8 73.2 109.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF139510.D

Acq: 20 Sep 2024 19:18

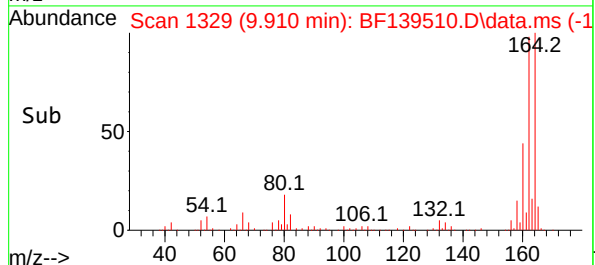
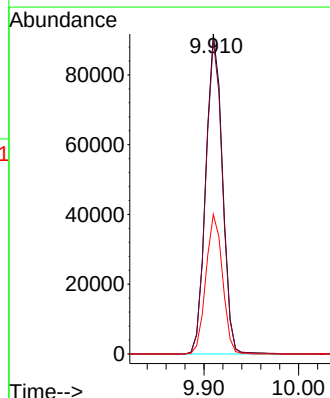
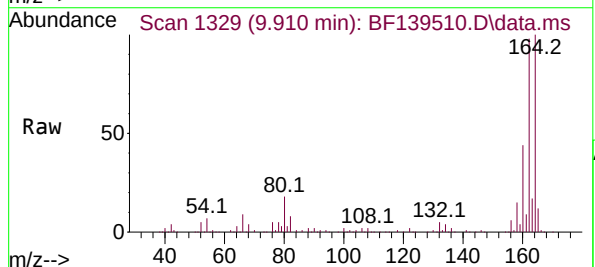
Tgt Ion:164 Resp: 112091

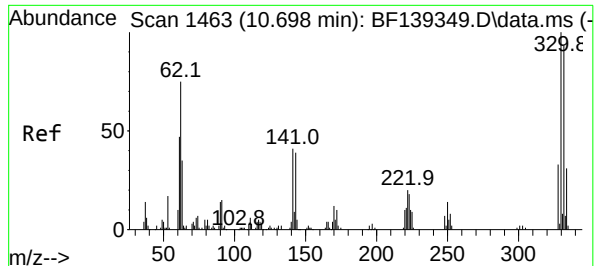
Ion Ratio Lower Upper

164 100

162 97.9 81.3 121.9

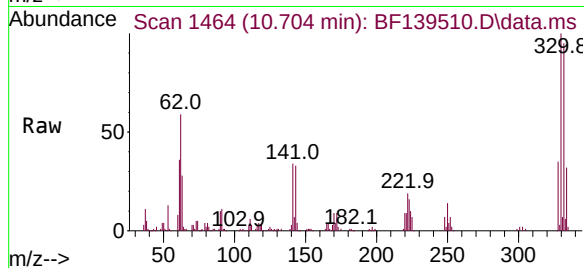
160 43.6 36.4 54.6



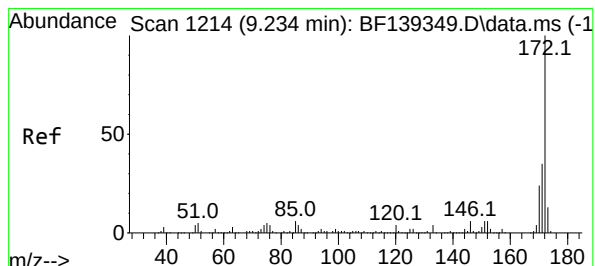
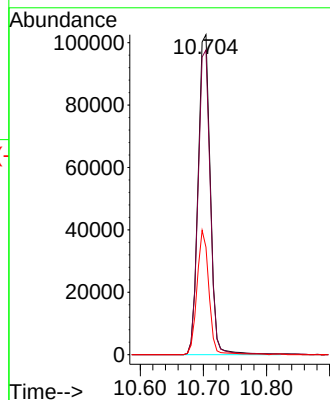
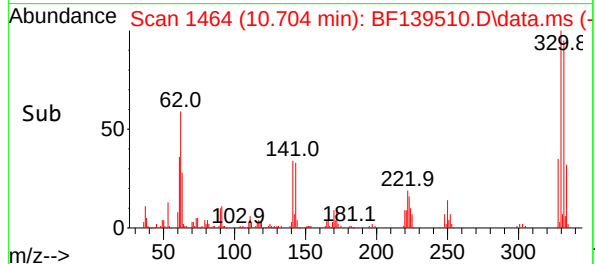


#42
2,4,6-Tribromophenol
Concen: 115.074 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139510.D
Acq: 20 Sep 2024 19:18

Instrument :
BNA_F
ClientSampleId :
WC-14-7.5-10A

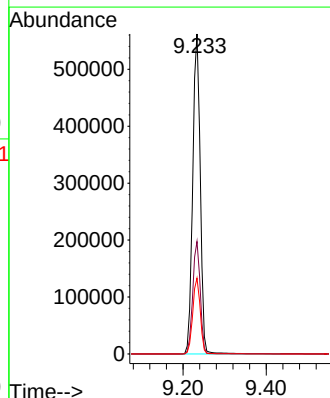
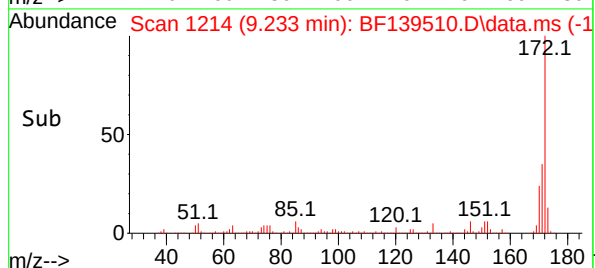
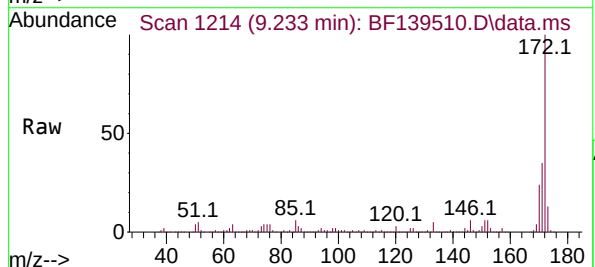


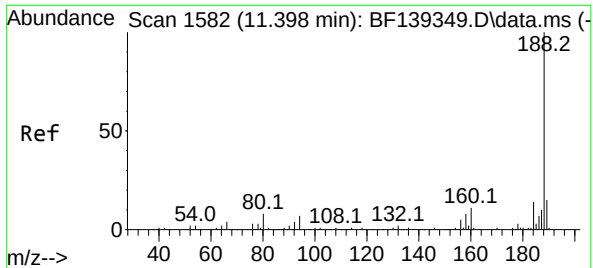
Tgt Ion:330 Resp: 137323
Ion Ratio Lower Upper
330 100
332 95.6 75.2 112.8
141 37.8 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 88.442 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139510.D
Acq: 20 Sep 2024 19:18

Tgt Ion:172 Resp: 706835
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.7 19.0 28.6

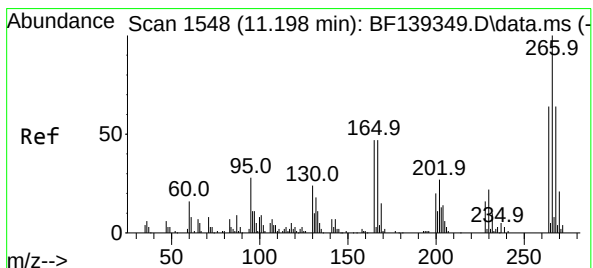
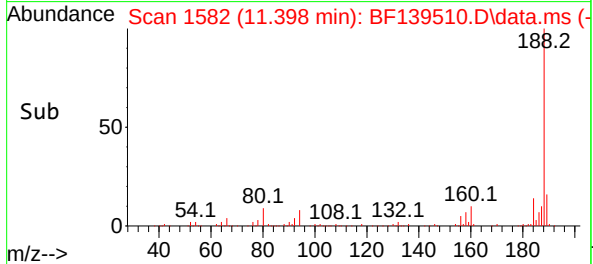
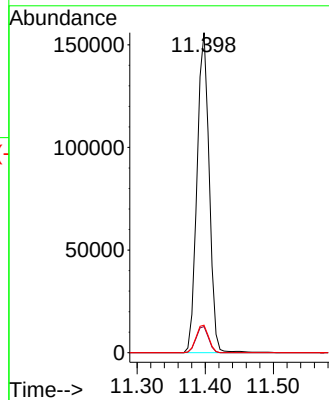
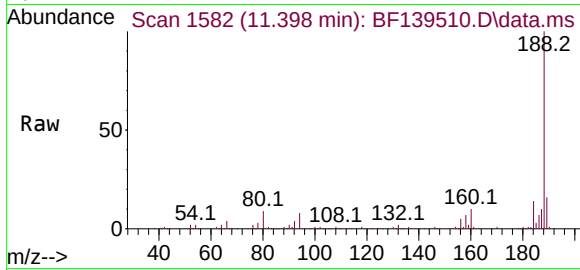




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF139510.D
Acq: 20 Sep 2024 19:18

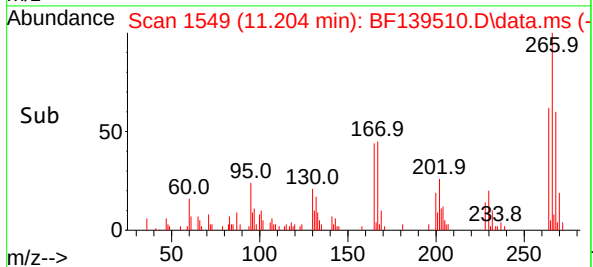
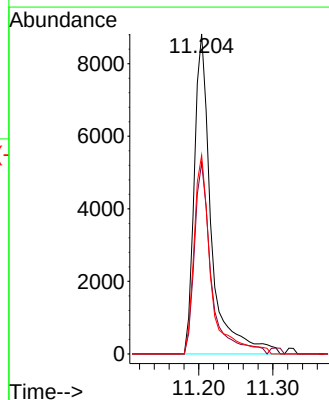
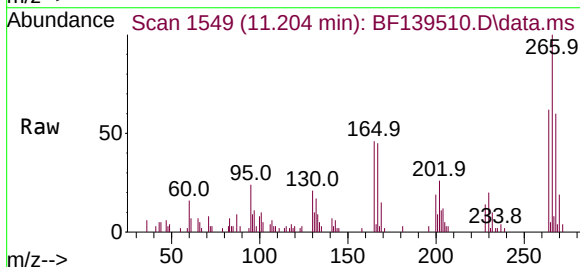
Instrument :
BNA_F
ClientSampleId :
WC-14-7.5-10A

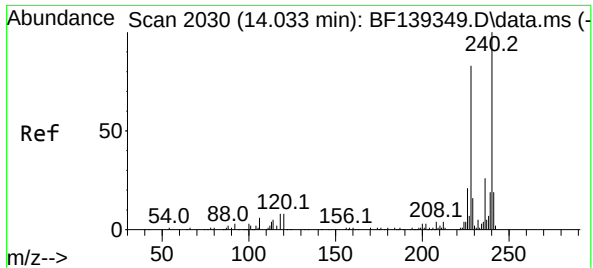
Tgt Ion:188 Resp: 192291
Ion Ratio Lower Upper
188 100
94 8.2 5.5 8.3
80 8.6 6.6 9.8



#70
Pentachlorophenol
Concen: 10.500 ng
RT: 11.204 min Scan# 1549
Delta R.T. 0.006 min
Lab File: BF139510.D
Acq: 20 Sep 2024 19:18

Tgt Ion:266 Resp: 14091
Ion Ratio Lower Upper
266 100
268 59.8 51.1 76.7
264 62.1 51.4 77.0

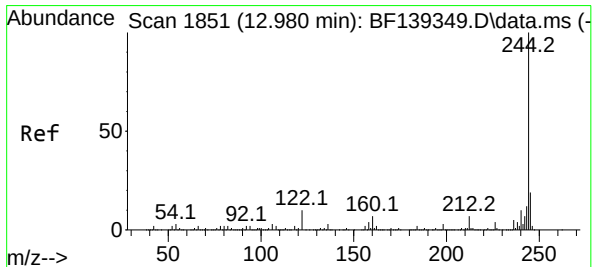
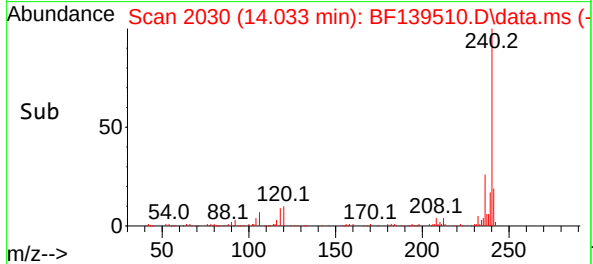
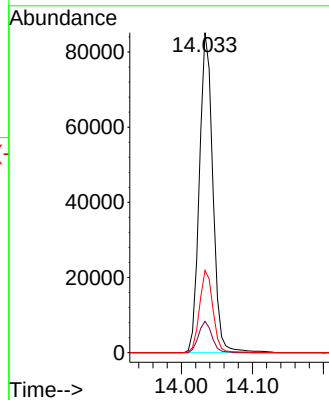
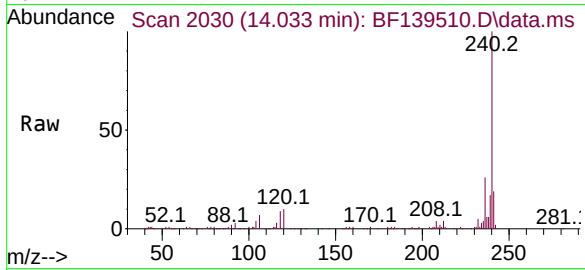




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139510.D
Acq: 20 Sep 2024 19:18

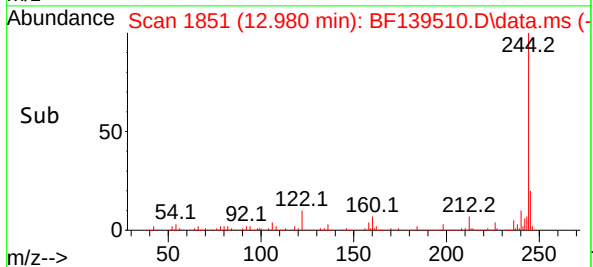
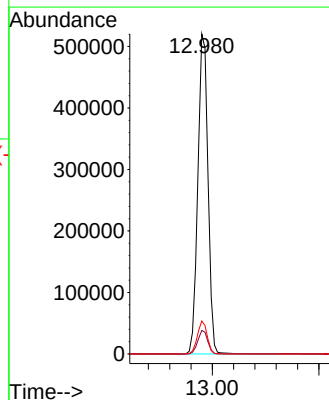
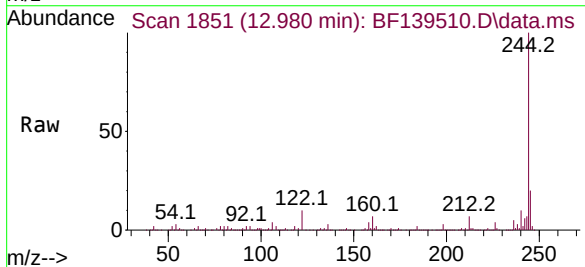
Instrument :
BNA_F
ClientSampleId :
WC-14-7.5-10A

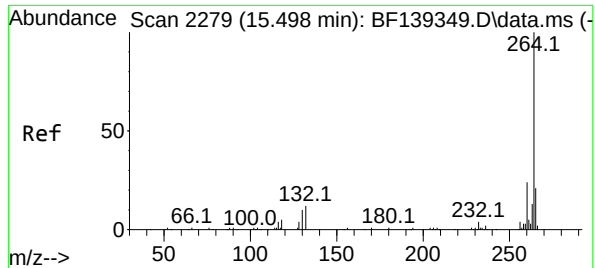
Tgt Ion:240 Resp: 112426
Ion Ratio Lower Upper
240 100
120 9.8 6.2 9.2#
236 25.7 20.9 31.3



#79
Terphenyl-d14
Concen: 100.552 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF139510.D
Acq: 20 Sep 2024 19:18

Tgt Ion:244 Resp: 688725
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 10.3 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139510.D

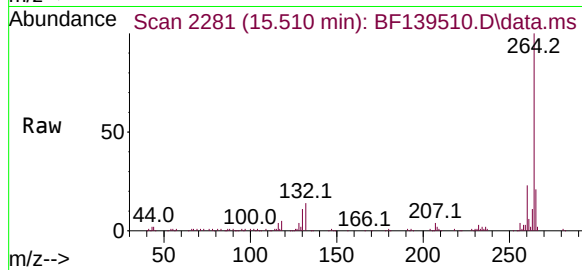
Acq: 20 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

WC-14-7.5-10A



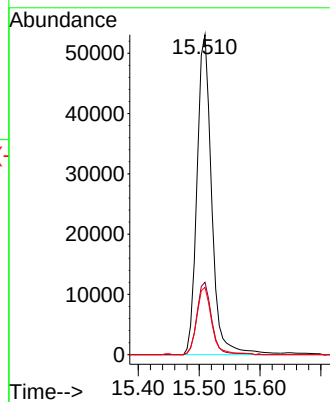
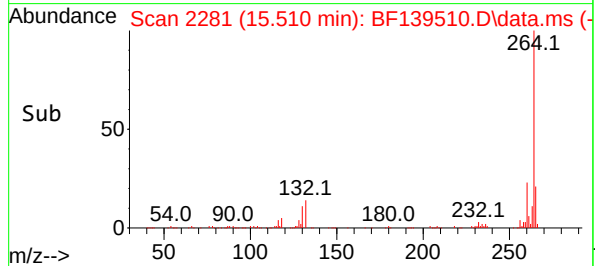
Tgt Ion:264 Resp: 88798

Ion Ratio Lower Upper

264 100

260 22.6 19.5 29.3

265 21.1 16.6 25.0



Report of Analysis

Client:	ENTACT	Date Collected:	09/17/24
Project:	North Point	Date Received:	09/18/24
Client Sample ID:	WC-14-7.5-10B	SDG No.:	P4103
Lab Sample ID:	P4103-14	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BF139511.D	1	09/20/24 11:30	09/20/24 19:47	PB163571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	15.5	U	15.5	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	8.40	U	8.40	50.0	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	100	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	50.0	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	50.0	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	8.90	U	8.90	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	50.0	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	50.0	ug/L
87-86-5	Pentachlorophenol	18.5	U	18.5	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	109		15 (10) - 110 (139)	73%	SPK: 150
13127-88-3	Phenol-d6	102		15 (10) - 110 (134)	68%	SPK: 150
4165-60-0	Nitrobenzene-d5	81.4		30 (49) - 130 (133)	81%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.7		30 (52) - 130 (132)	85%	SPK: 100
118-79-6	2,4,6-Tribromophenol	109		15 (44) - 110 (137)	72%	SPK: 150
1718-51-0	Terphenyl-d14	95.8		30 (48) - 130 (125)	96%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	78200	6.875			
1146-65-2	Naphthalene-d8	271000	8.157			
15067-26-2	Acenaphthene-d10	126000	9.91			
1517-22-2	Phenanthrene-d10	218000	11.398			
1719-03-5	Chrysene-d12	129000	14.033			
1520-96-3	Perylene-d12	93900	15.51			

Report of Analysis

Client:	ENTACT		Date Collected:	09/17/24	
Project:	North Point		Date Received:	09/18/24	
Client Sample ID:	WC-14-7.5-10B		SDG No.:	P4103	
Lab Sample ID:	P4103-14		Matrix:	TCLP	
Analytical Method:	SW8270		% Solid:	0	
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA	
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
BF139511.D	1	09/20/24 11:30	09/20/24 19:47	PB163571

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\BF092024\
Data File : BF139511.D
Acq On : 20 Sep 2024 19:47
Operator : RC/JU
Sample : P4103-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14-7.5-10B

Quant Time: Sep 20 23:22:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	78153	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	271104	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	126022	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	217565	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	128652	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	93854	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	521727	108.904	ng	0.01
7) Phenol-d6	6.510	99	638251	101.501	ng	0.00
23) Nitrobenzene-d5	7.440	82	469357	81.390	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	145832	108.695	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	760710	84.661	ng	0.00
79) Terphenyl-d14	12.980	244	750619	95.767	ng	0.00

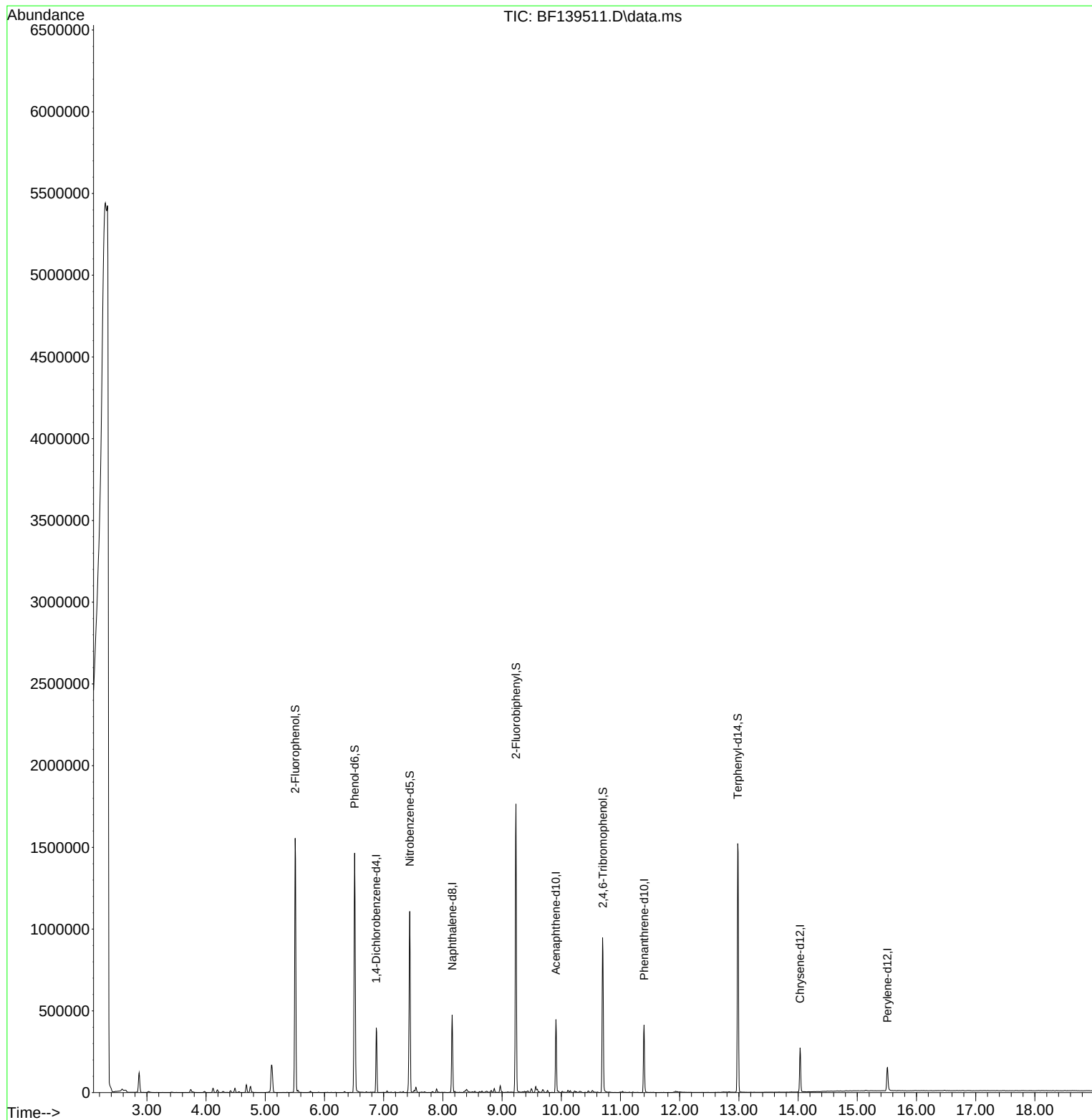
Target Compounds	Qvalue

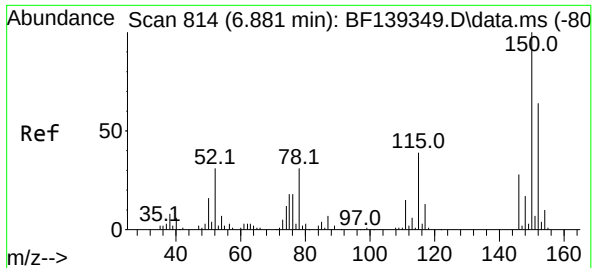
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139511.D
Acq On : 20 Sep 2024 19:47
Operator : RC/JU
Sample : P4103-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14-7.5-10B

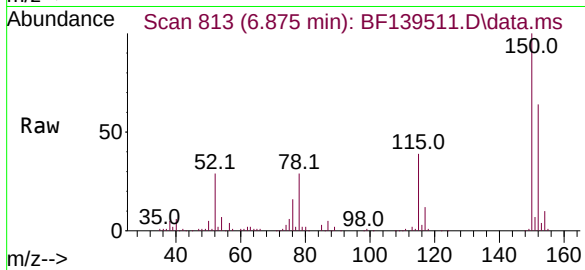
Quant Time: Sep 20 23:22:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration



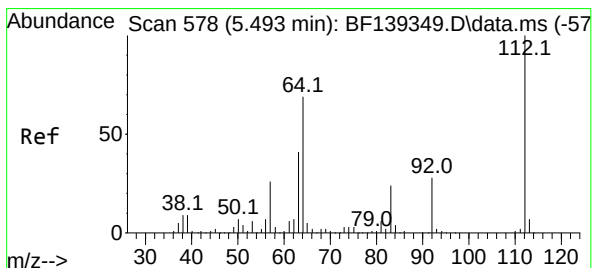
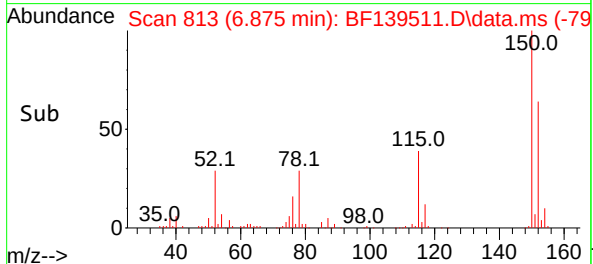
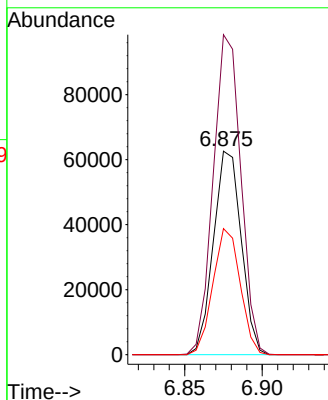


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139511.D
Acq: 20 Sep 2024 19:47

Instrument :
BNA_F
ClientSampleId :
WC-14-7.5-10B

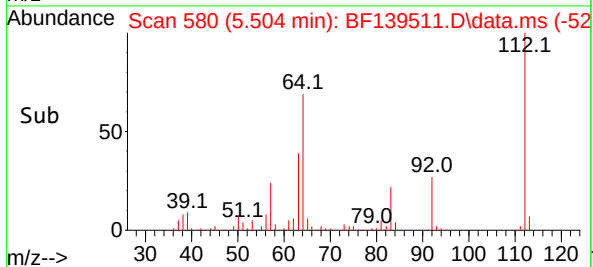
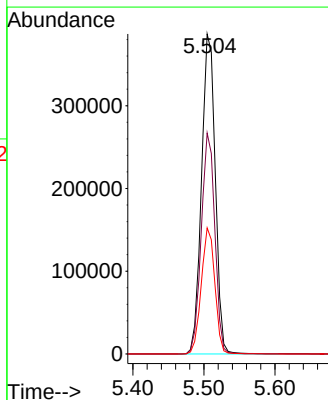
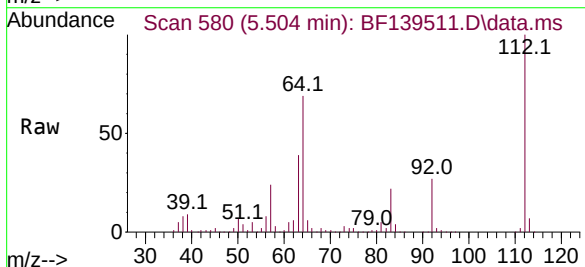


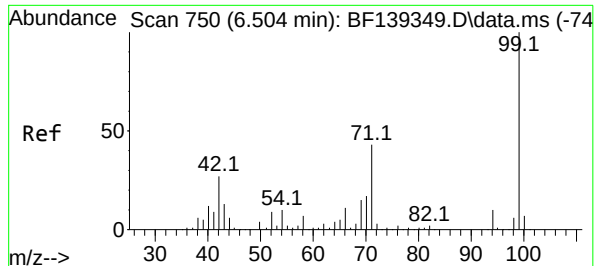
Tgt Ion:152 Resp: 78153
Ion Ratio Lower Upper
152 100
150 157.2 124.1 186.1
115 61.9 48.1 72.1



#5
2-Fluorophenol
Concen: 108.904 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.011 min
Lab File: BF139511.D
Acq: 20 Sep 2024 19:47

Tgt Ion:112 Resp: 521727
Ion Ratio Lower Upper
112 100
64 69.1 54.8 82.2
63 39.4 33.0 49.4

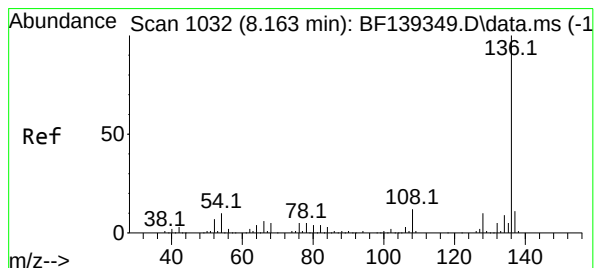
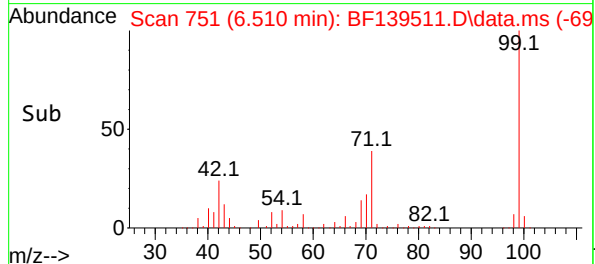
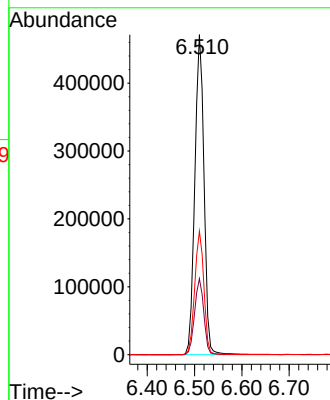
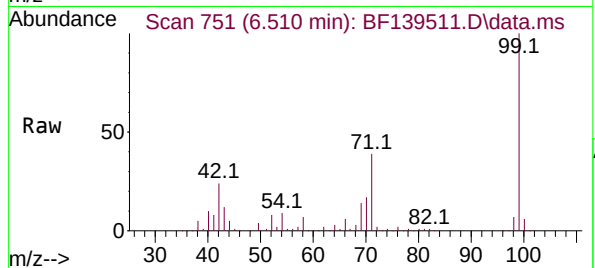




#7
Phenol-d6
Concen: 101.501 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF139511.D
Acq: 20 Sep 2024 19:47

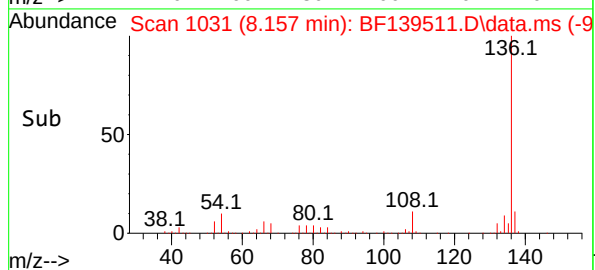
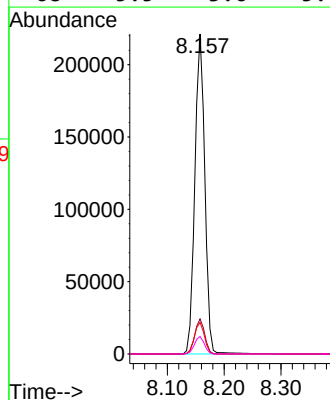
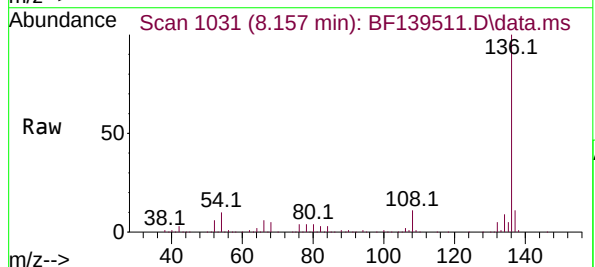
Instrument :
BNA_F
ClientSampleId :
WC-14-7.5-10B

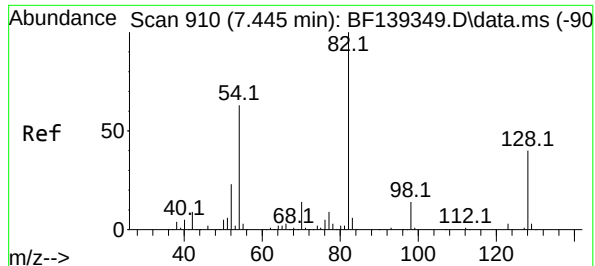
Tgt Ion: 99 Resp: 638251
Ion Ratio Lower Upper
99 100
42 23.7 21.9 32.9
71 38.6 34.6 52.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139511.D
Acq: 20 Sep 2024 19:47

Tgt Ion: 136 Resp: 271104
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.8 7.8 11.8
68 5.5 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 81.390 ng

RT: 7.440 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF139511.D

Acq: 20 Sep 2024 19:47

Instrument :

BNA_F

ClientSampleId :

WC-14-7.5-10B

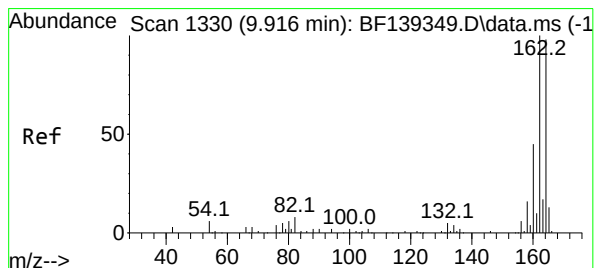
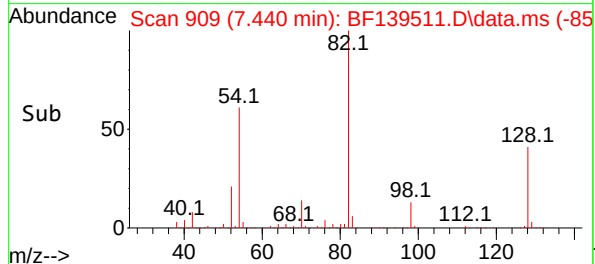
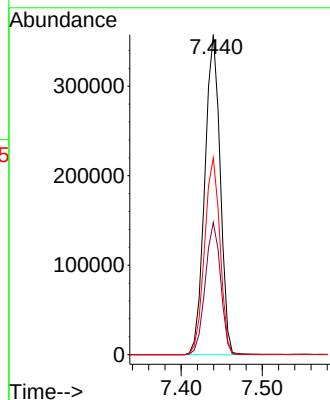
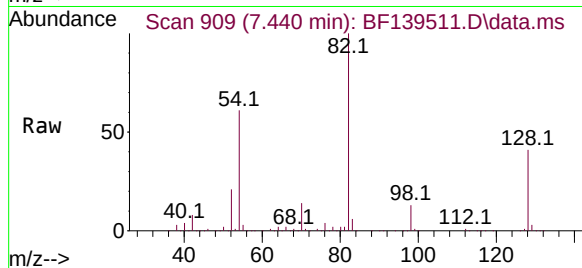
Tgt Ion: 82 Resp: 469357

Ion Ratio Lower Upper

82 100

128 41.3 31.8 47.6

54 61.5 50.6 75.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF139511.D

Acq: 20 Sep 2024 19:47

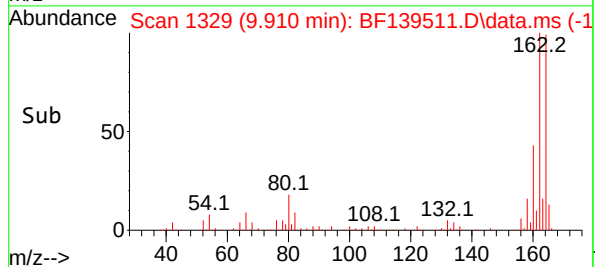
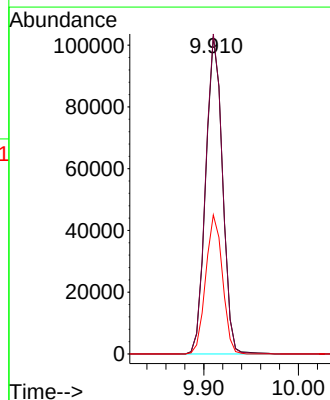
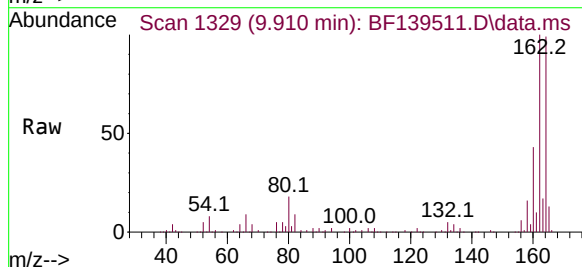
Tgt Ion:164 Resp: 126022

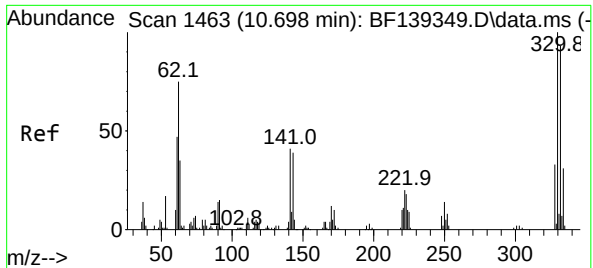
Ion Ratio Lower Upper

164 100

162 100.8 81.3 121.9

160 43.8 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 108.695 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.006 min

Lab File: BF139511.D

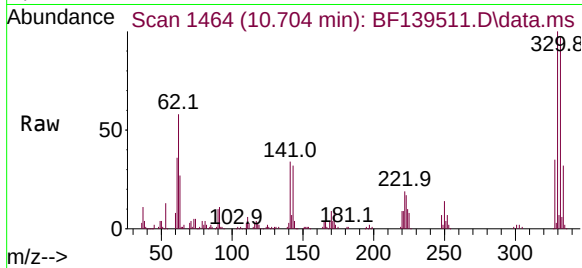
Acq: 20 Sep 2024 19:47

Instrument :

BNA_F

ClientSampleId :

WC-14-7.5-10B



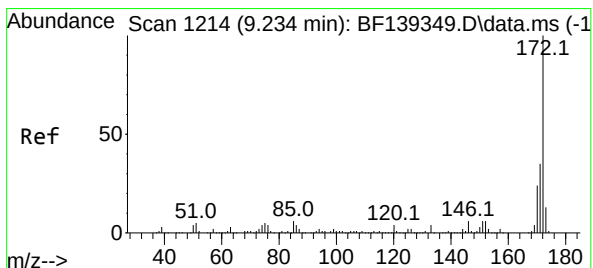
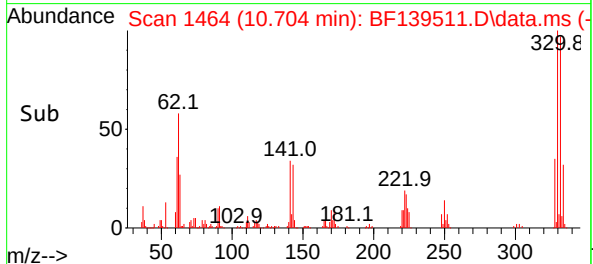
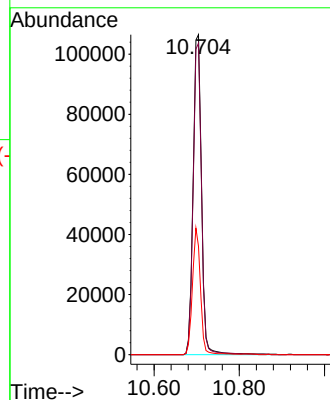
Tgt Ion:330 Resp: 145832

Ion Ratio Lower Upper

330 100

332 96.5 75.2 112.8

141 37.7 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 84.661 ng

RT: 9.234 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF139511.D

Acq: 20 Sep 2024 19:47

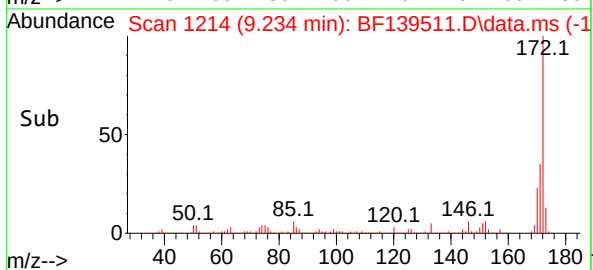
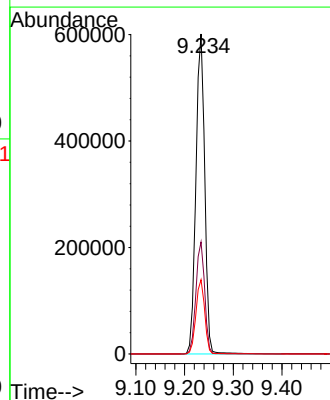
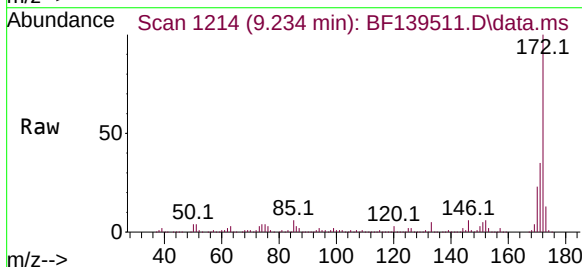
Tgt Ion:172 Resp: 760710

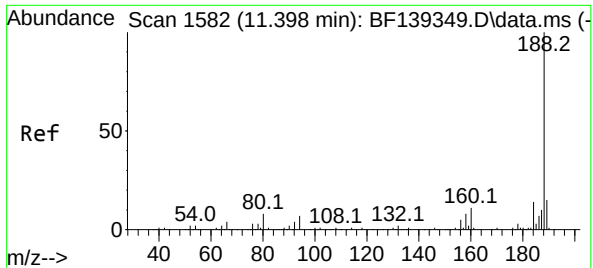
Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.2 19.0 28.6

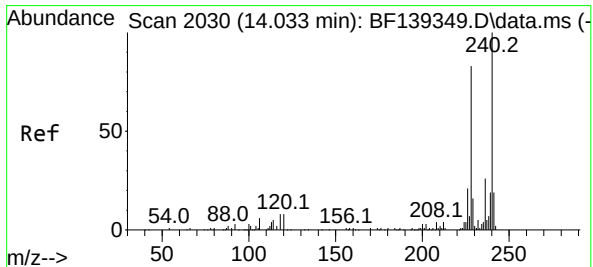
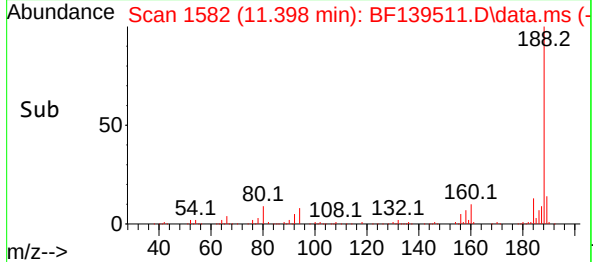
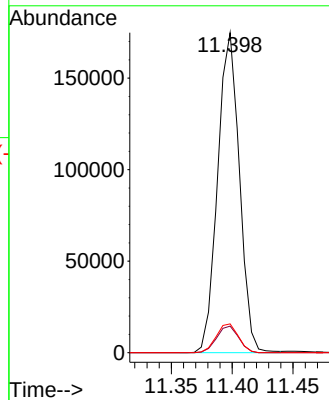
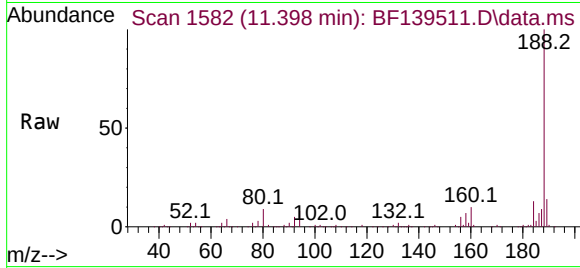




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139511.D
Acq: 20 Sep 2024 19:47

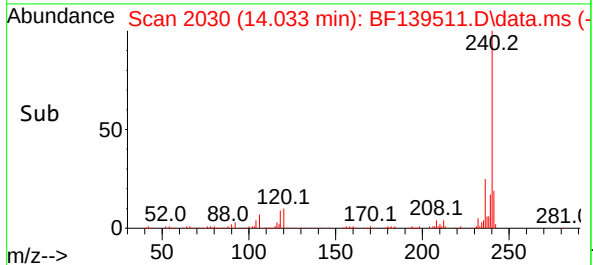
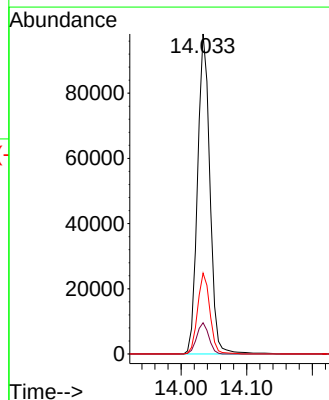
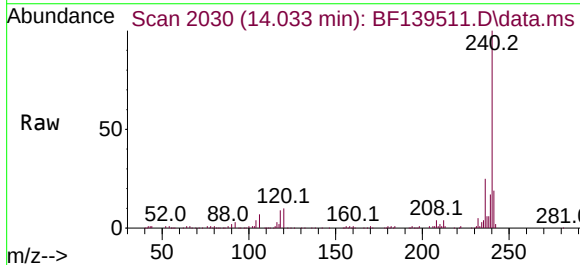
Instrument :
BNA_F
ClientSampleId :
WC-14-7.5-10B

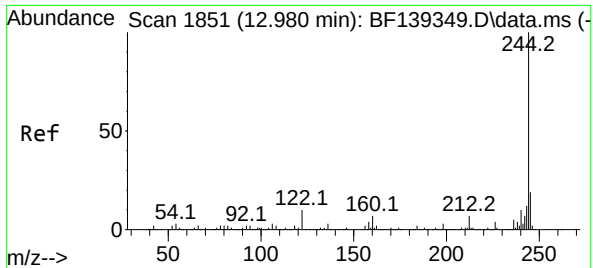
Tgt Ion:188 Resp: 217565
Ion Ratio Lower Upper
188 100
94 8.3 5.5 8.3#
80 9.0 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF139511.D
Acq: 20 Sep 2024 19:47

Tgt Ion:240 Resp: 128652
Ion Ratio Lower Upper
240 100
120 9.8 6.2 9.2#
236 25.3 20.9 31.3

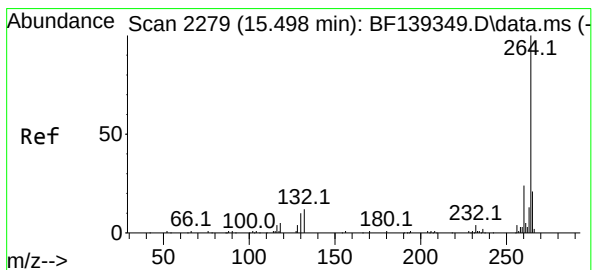
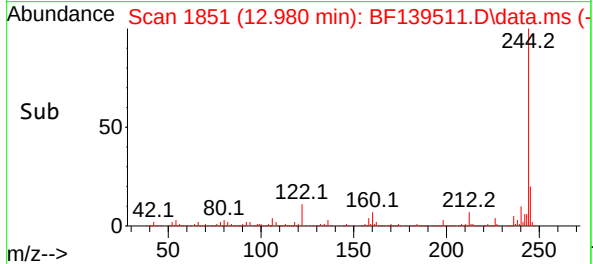
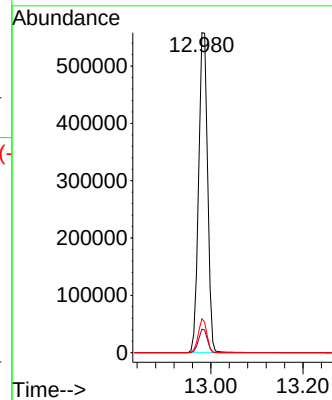
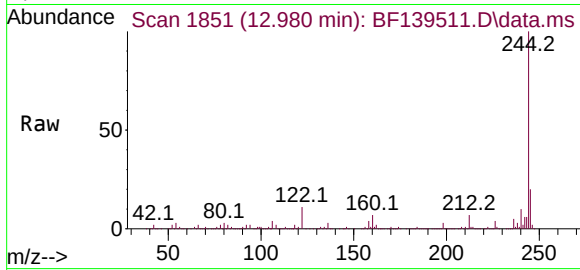




#79
Terphenyl-d14
Concen: 95.767 ng
RT: 12.980 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139511.D
Acq: 20 Sep 2024 19:47

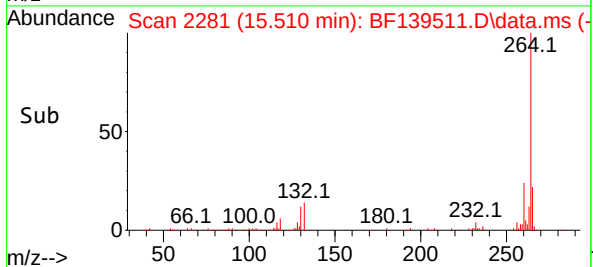
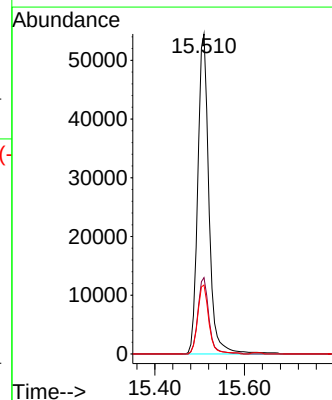
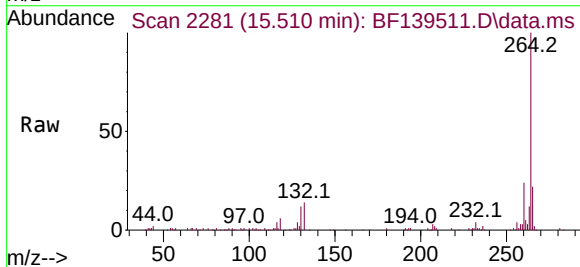
Instrument :
BNA_F
ClientSampleId :
WC-14-7.5-10B

Tgt Ion:244 Resp: 750619
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 10.6 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2281
Delta R.T. 0.012 min
Lab File: BF139511.D
Acq: 20 Sep 2024 19:47

Tgt Ion:264 Resp: 93854
Ion Ratio Lower Upper
264 100
260 23.9 19.5 29.3
265 21.5 16.6 25.0



Report of Analysis

Client:	ENTACT	Date Collected:	09/17/24
Project:	North Point	Date Received:	09/18/24
Client Sample ID:	WC-23	SDG No.:	P4103
Lab Sample ID:	P4103-17	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		Level :	LOW
		GPC Factor :	1.0
		GPC Cleanup :	N
		PH :	
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139512.D	1	09/20/24 11:30	09/20/24 20:17	PB163571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	15.5	U	15.5	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	8.40	U	8.40	50.0	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	100	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	50.0	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	50.0	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	8.90	U	8.90	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	50.0	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	50.0	ug/L
87-86-5	Pentachlorophenol	21.4	J	18.5	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	129		15 (10) - 110 (139)	86%	SPK: 150
13127-88-3	Phenol-d6	124		15 (10) - 110 (134)	83%	SPK: 150
4165-60-0	Nitrobenzene-d5	90.5		30 (49) - 130 (133)	90%	SPK: 100
321-60-8	2-Fluorobiphenyl	91.9		30 (52) - 130 (132)	92%	SPK: 100
118-79-6	2,4,6-Tribromophenol	119		15 (44) - 110 (137)	79%	SPK: 150
1718-51-0	Terphenyl-d14	107		30 (48) - 130 (125)	107%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	78500	6.881			
1146-65-2	Naphthalene-d8	272000	8.157			
15067-26-2	Acenaphthene-d10	126000	9.91			
1517-22-2	Phenanthrene-d10	220000	11.398			
1719-03-5	Chrysene-d12	129000	14.033			
1520-96-3	Perylene-d12	96200	15.51			

Report of Analysis

Client:	ENTACT		Date Collected:	09/17/24	
Project:	North Point		Date Received:	09/18/24	
Client Sample ID:	WC-23		SDG No.:	P4103	
Lab Sample ID:	P4103-17		Matrix:	TCLP	
Analytical Method:	SW8270		% Solid:	0	
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA	
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
BF139512.D	1	09/20/24 11:30	09/20/24 20:17	PB163571

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\BF092024\
 Data File : BF139512.D
 Acq On : 20 Sep 2024 20:17
 Operator : RC/JU
 Sample : P4103-17
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-23

Quant Time: Sep 20 23:22:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

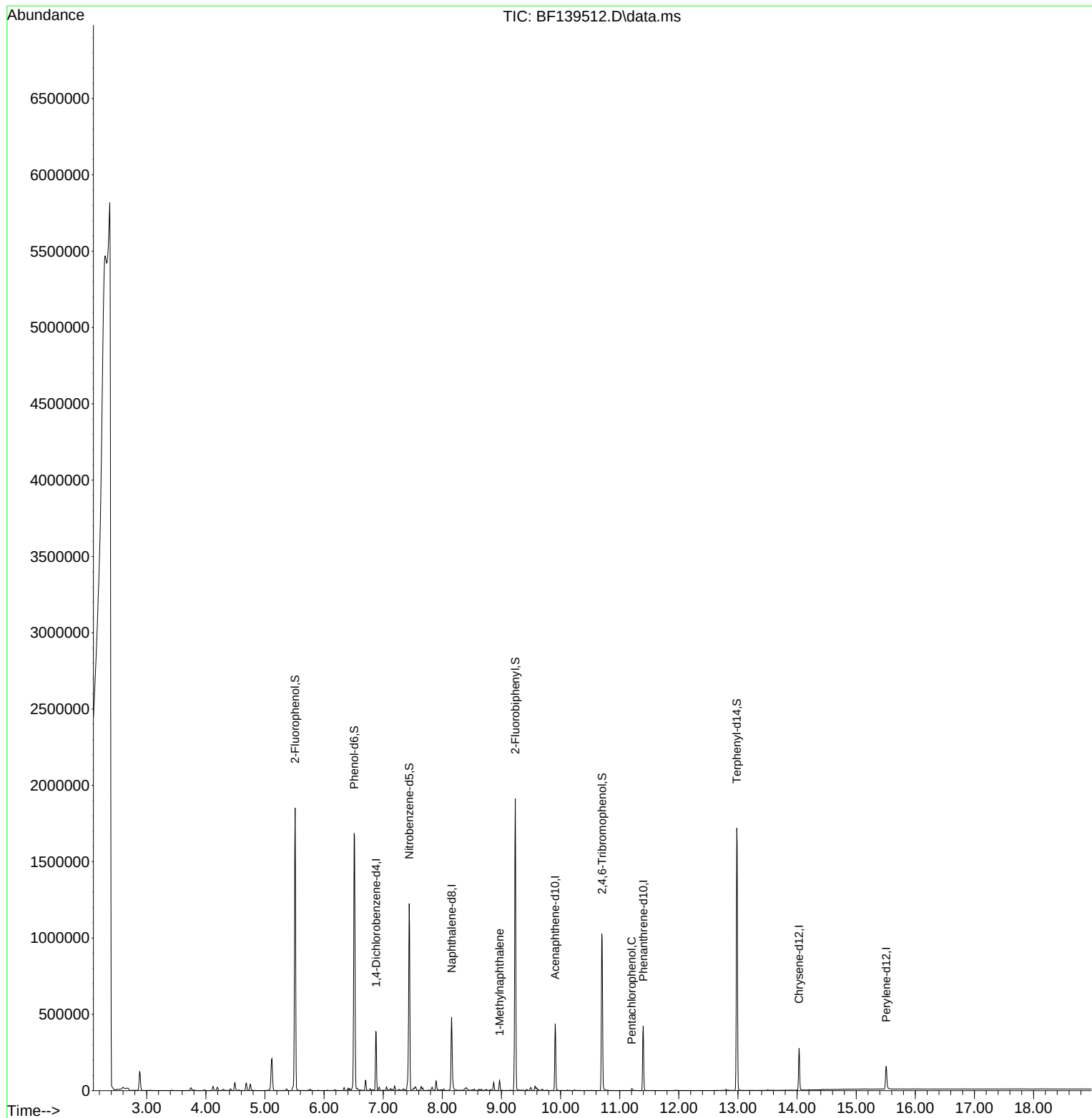
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	78495	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	271926	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	125895	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	219540	20.000	ng	0.00
76) Chrysene-d12	14.033	240	129376	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	96172	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	621394	129.143	ng	0.02
7) Phenol-d6	6.510	99	782507	123.900	ng	0.00
23) Nitrobenzene-d5	7.439	82	523366	90.481	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	159310	118.861	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	825028	91.911	ng	0.00
79) Terphenyl-d14	12.980	244	846386	107.381	ng	0.00
Target Compounds						
38) 1-Methylnaphthalene	8.969	142	22757	2.572	ng	98
70) Pentachlorophenol	11.204	266	3278	2.140	ng	99

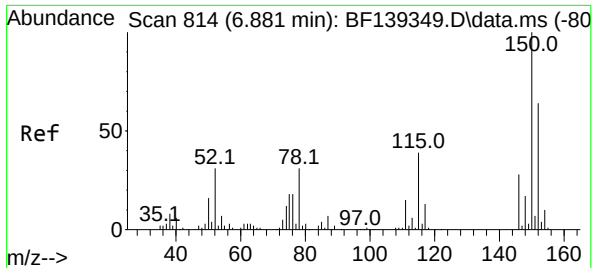
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139512.D
Acq On : 20 Sep 2024 20:17
Operator : RC/JU
Sample : P4103-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-23

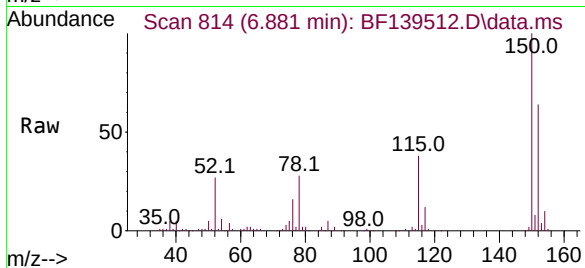
Quant Time: Sep 20 23:22:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration



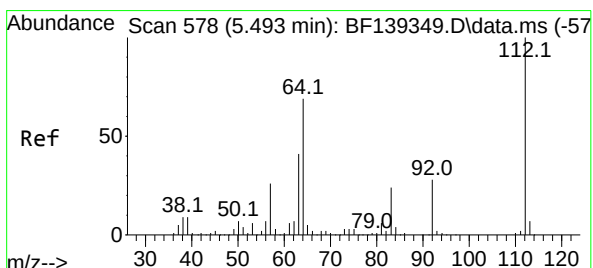
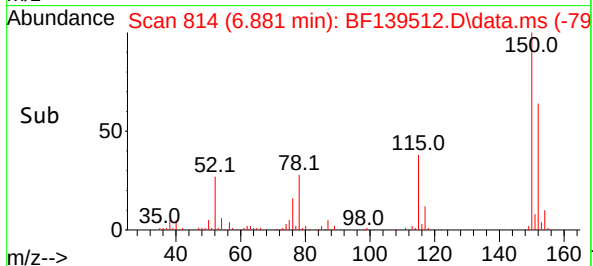
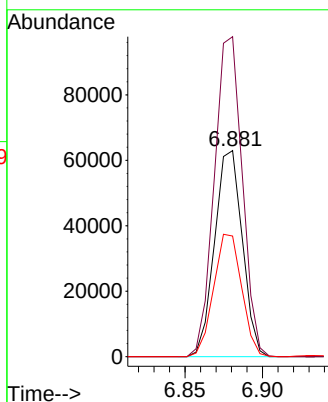


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139512.D
Acq: 20 Sep 2024 20:17

Instrument :
BNA_F
ClientSampleId :
WC-23

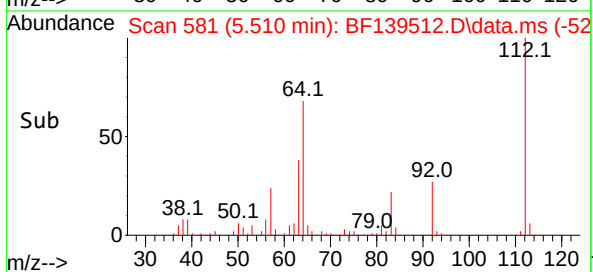
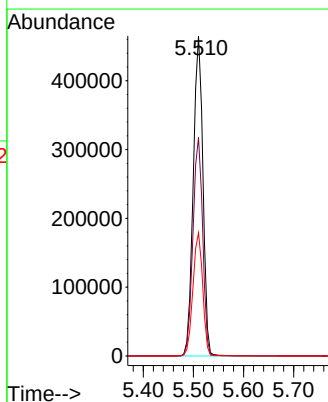
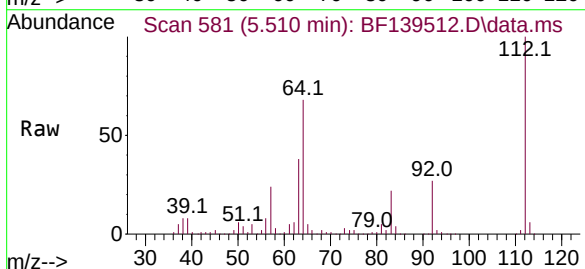


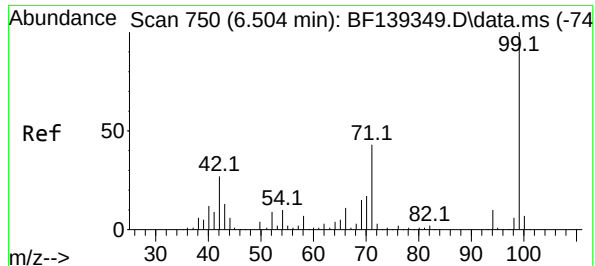
Tgt Ion:152 Resp: 78495
Ion Ratio Lower Upper
152 100
150 155.3 124.1 186.1
115 58.6 48.1 72.1



#5
2-Fluorophenol
Concen: 129.143 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.017 min
Lab File: BF139512.D
Acq: 20 Sep 2024 20:17

Tgt Ion:112 Resp: 621394
Ion Ratio Lower Upper
112 100
64 68.2 54.8 82.2
63 38.5 33.0 49.4

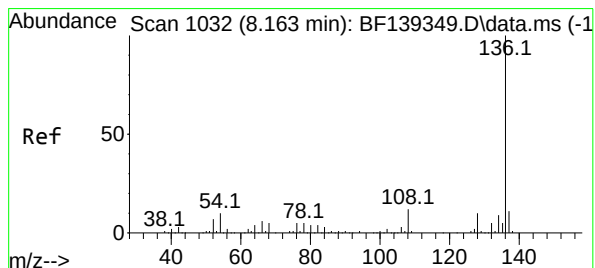
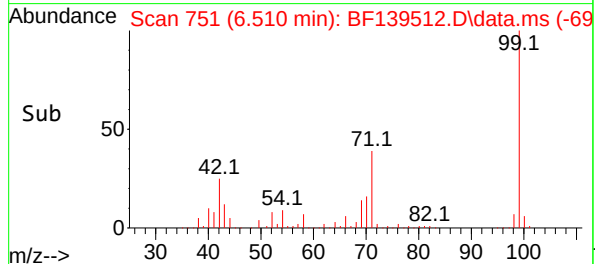
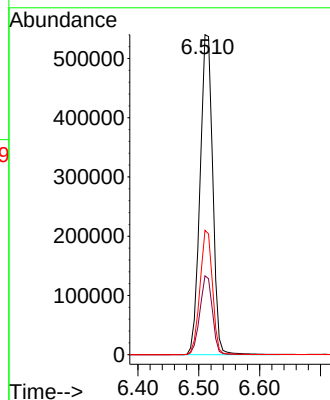
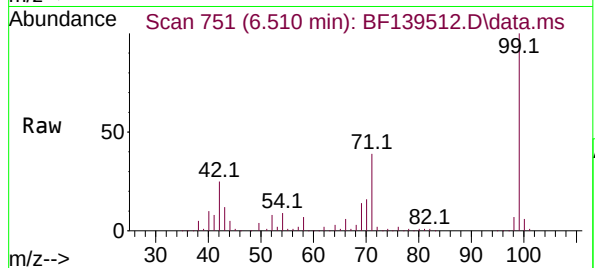




#7
Phenol-d6
Concen: 123.900 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF139512.D
Acq: 20 Sep 2024 20:17

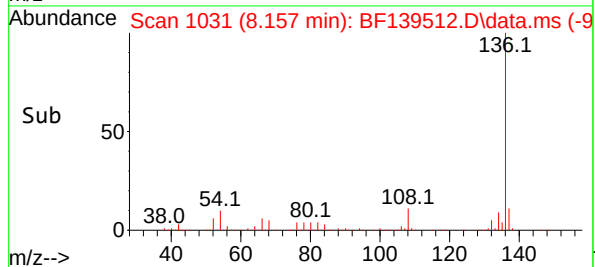
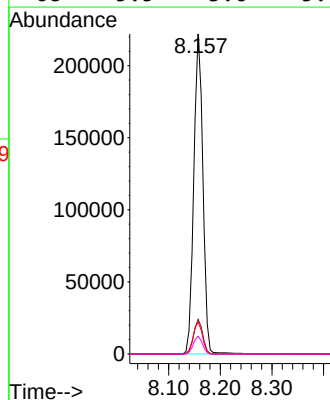
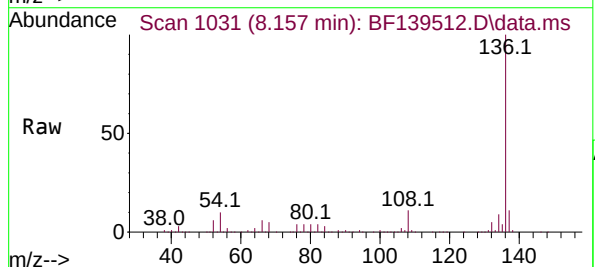
Instrument :
BNA_F
ClientSampleId :
WC-23

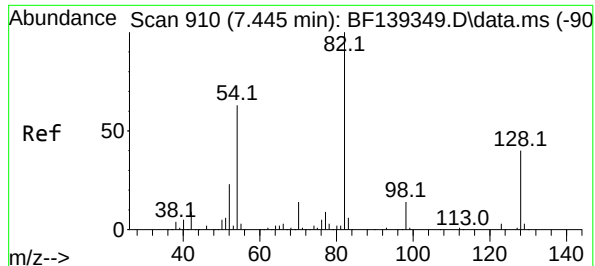
Tgt Ion: 99 Resp: 782507
Ion Ratio Lower Upper
99 100
42 24.6 21.9 32.9
71 38.9 34.6 52.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139512.D
Acq: 20 Sep 2024 20:17

Tgt Ion: 136 Resp: 271926
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 10.0 7.8 11.8
68 5.5 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 90.481 ng

RT: 7.439 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF139512.D

Acq: 20 Sep 2024 20:17

Instrument :

BNA_F

ClientSampleId :

WC-23

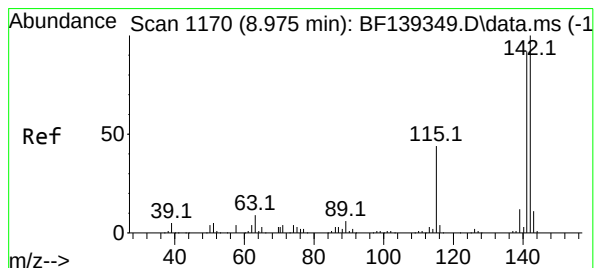
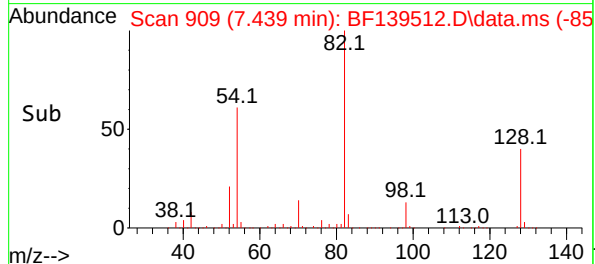
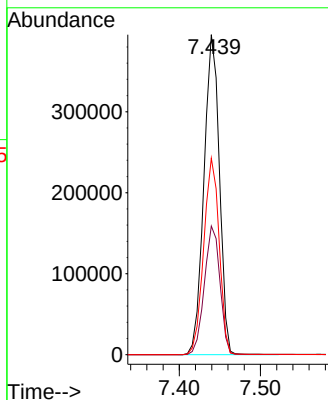
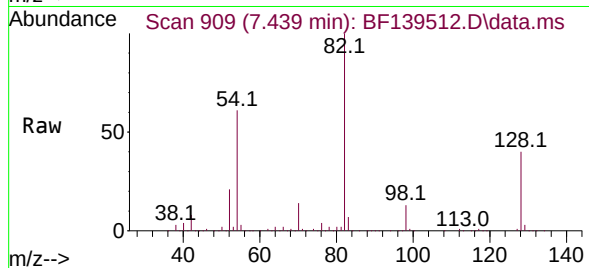
Tgt Ion: 82 Resp: 523366

Ion Ratio Lower Upper

82 100

128 40.2 31.8 47.6

54 61.4 50.6 75.8



#38

1-Methylnaphthalene

Concen: 2.572 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF139512.D

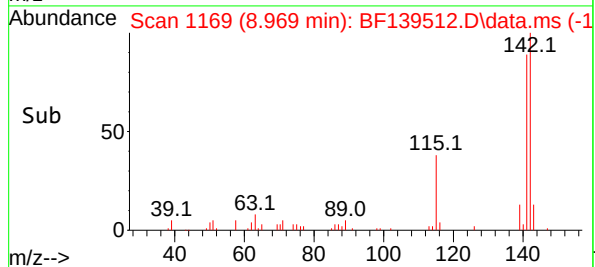
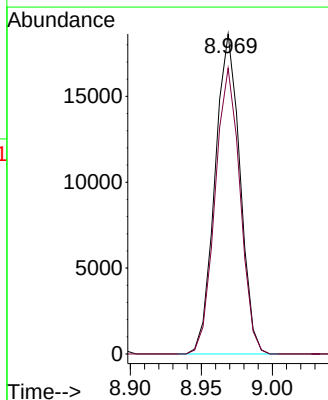
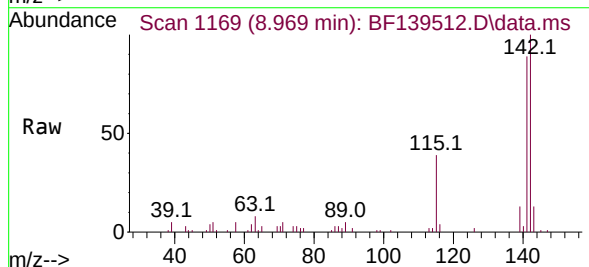
Acq: 20 Sep 2024 20:17

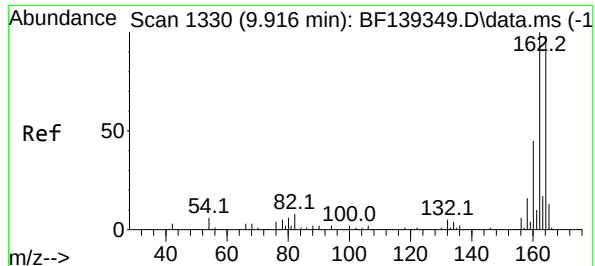
Tgt Ion: 142 Resp: 22757

Ion Ratio Lower Upper

142 100

141 89.3 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139512.D

Acq: 20 Sep 2024 20:17

Instrument :

BNA_F

ClientSampleId :

WC-23

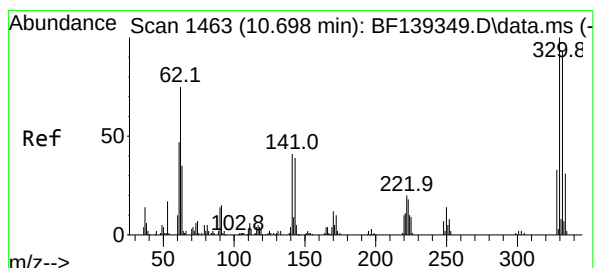
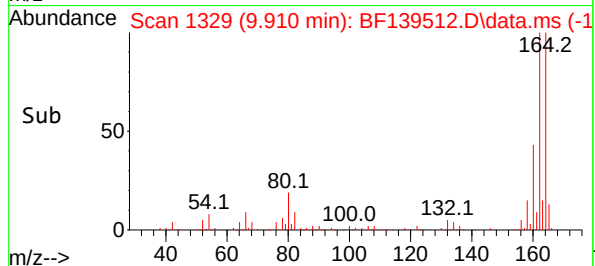
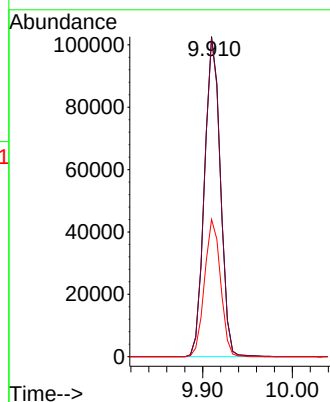
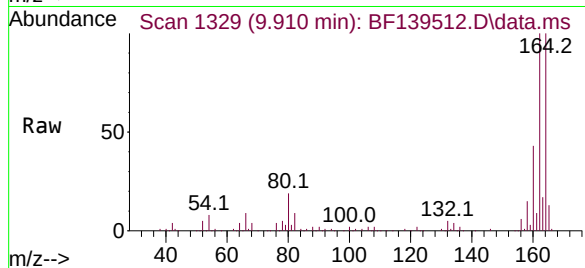
Tgt Ion:164 Resp: 125895

Ion Ratio Lower Upper

164 100

162 99.6 81.3 121.9

160 42.9 36.4 54.6



#42

2,4,6-Tribromophenol

Concen: 118.861 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.006 min

Lab File: BF139512.D

Acq: 20 Sep 2024 20:17

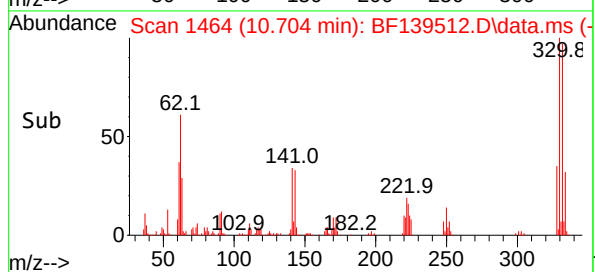
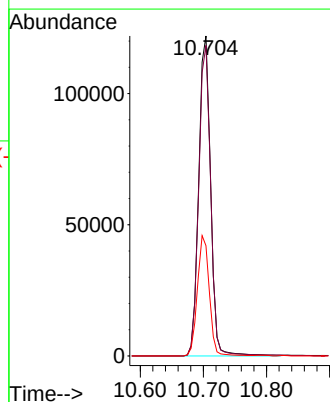
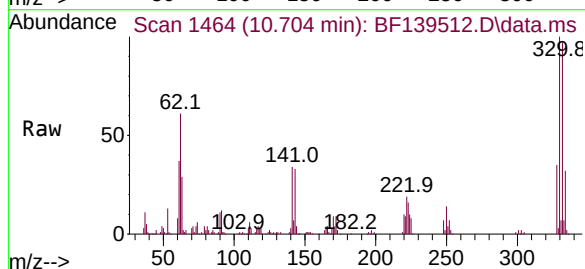
Tgt Ion:330 Resp: 159310

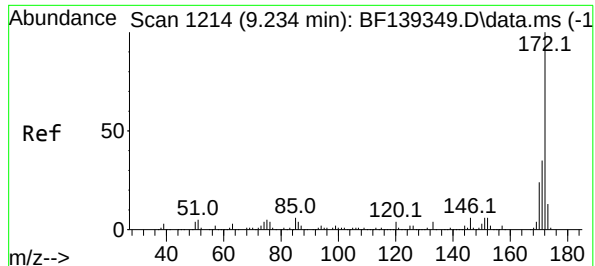
Ion Ratio Lower Upper

330 100

332 97.8 75.2 112.8

141 37.7 31.2 46.8





#45

2-Fluorobiphenyl

Concen: 91.911 ng

RT: 9.233 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139512.D

Acq: 20 Sep 2024 20:17

Instrument :

BNA_F

ClientSampleId :

WC-23

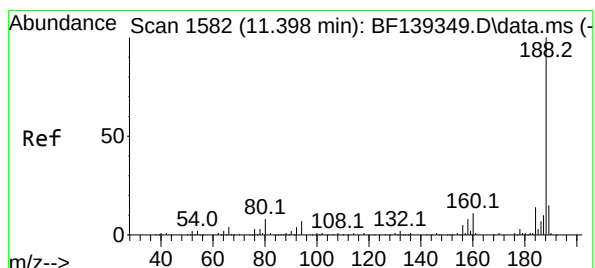
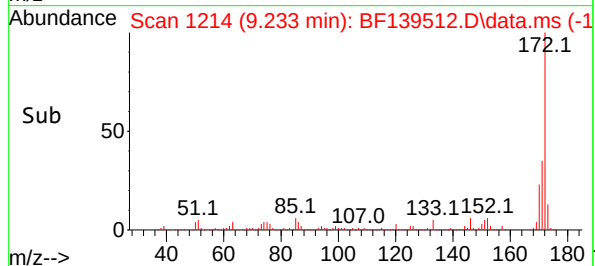
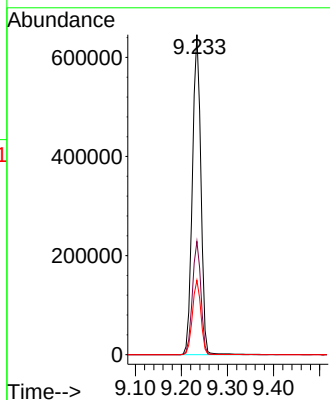
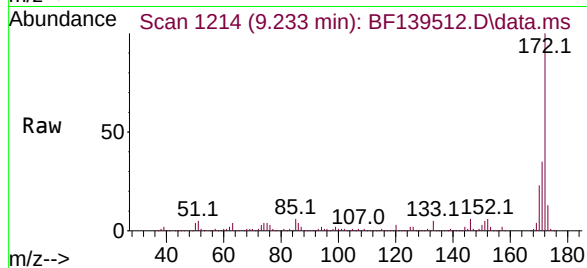
Tgt Ion:172 Resp: 825028

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.3 19.0 28.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.000 min

Lab File: BF139512.D

Acq: 20 Sep 2024 20:17

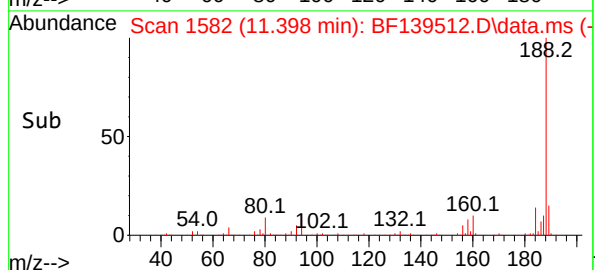
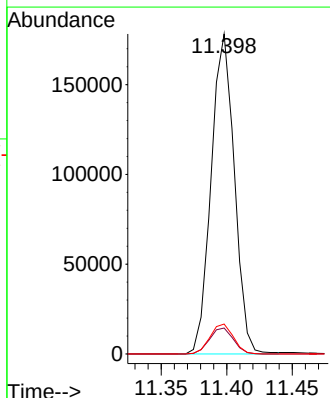
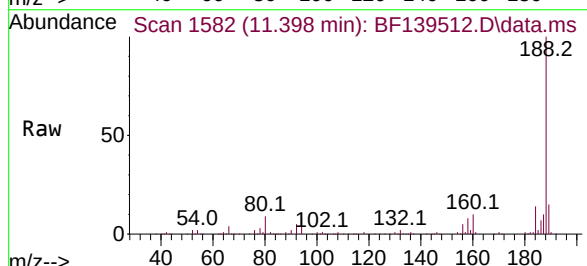
Tgt Ion:188 Resp: 219540

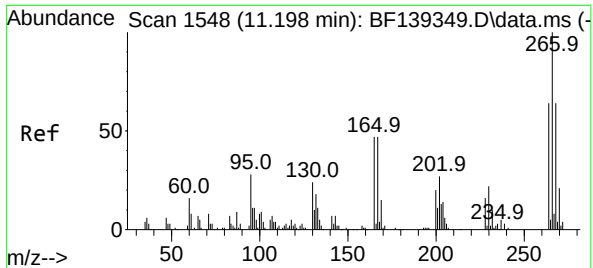
Ion Ratio Lower Upper

188 100

94 8.1 5.5 8.3

80 9.3 6.6 9.8





#70

Pentachlorophenol

Concen: 2.140 ng

RT: 11.204 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139512.D

Acq: 20 Sep 2024 20:17

Instrument :

BNA_F

ClientSampleId :

WC-23

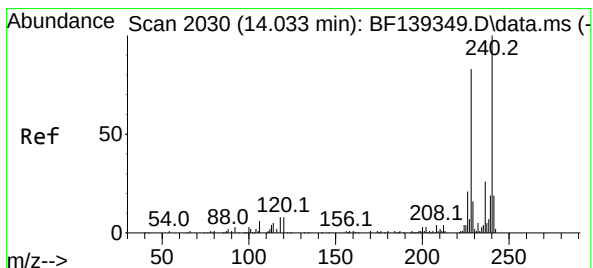
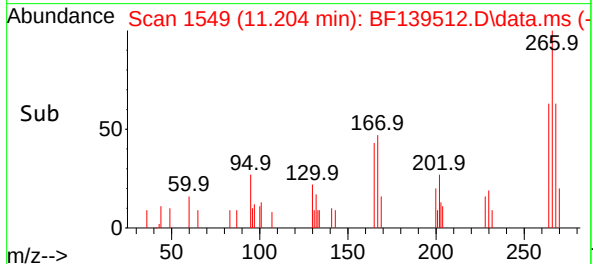
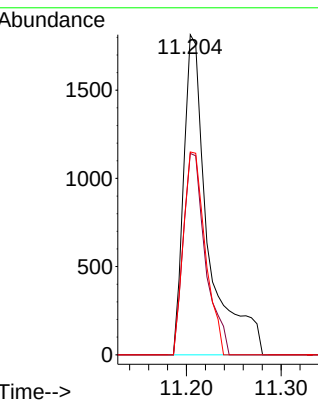
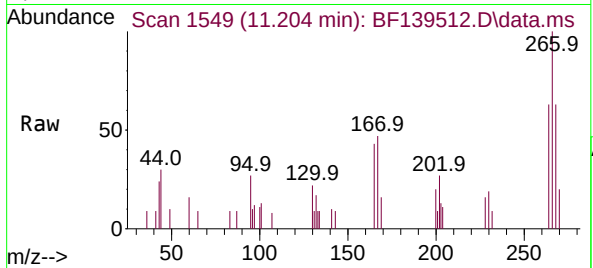
Tgt Ion:266 Resp: 3278

Ion Ratio Lower Upper

266 100

268 62.9 51.1 76.7

264 63.4 51.4 77.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139512.D

Acq: 20 Sep 2024 20:17

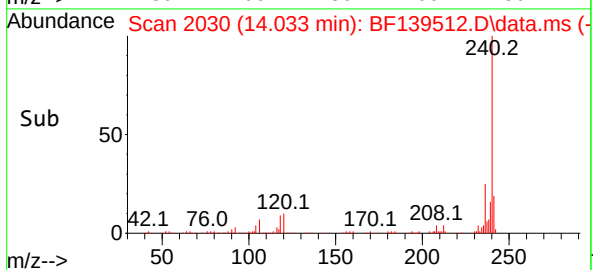
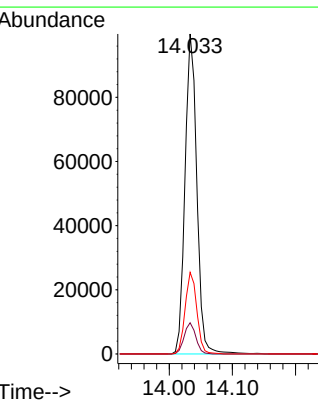
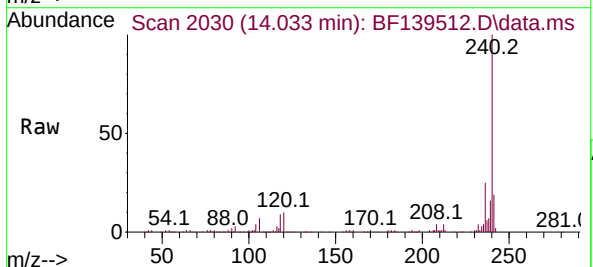
Tgt Ion:240 Resp: 129376

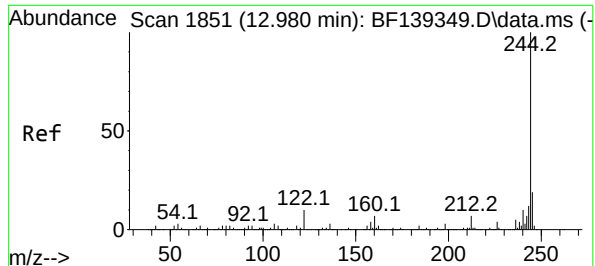
Ion Ratio Lower Upper

240 100

120 9.8 6.2 9.2#

236 25.5 20.9 31.3





#79

Terphenyl-d14

Concen: 107.381 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139512.D

Acq: 20 Sep 2024 20:17

Instrument :

BNA_F

ClientSampleId :

WC-23

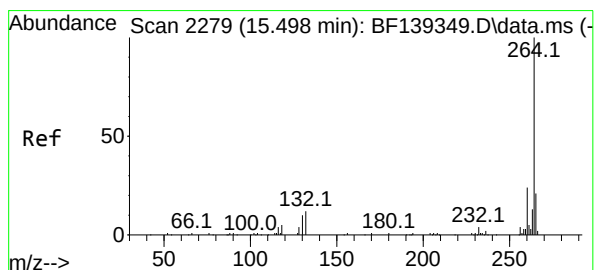
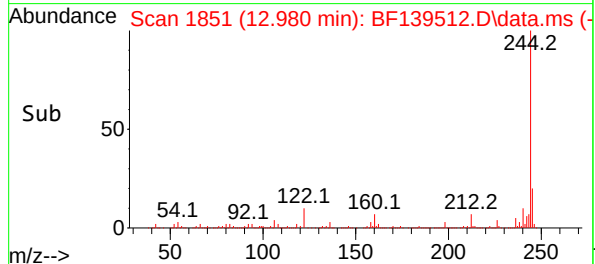
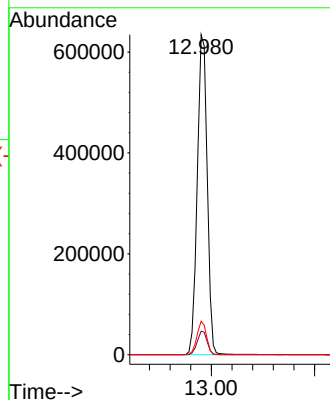
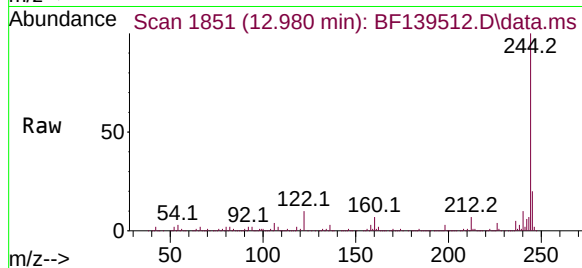
Tgt Ion:244 Resp: 846386

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 10.4 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. 0.012 min

Lab File: BF139512.D

Acq: 20 Sep 2024 20:17

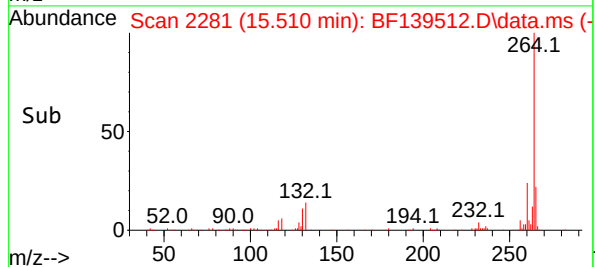
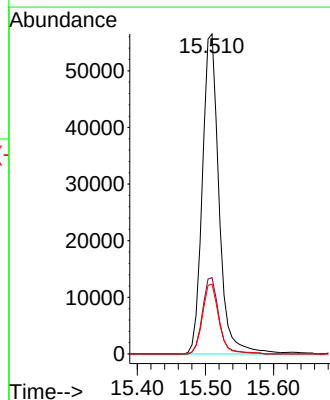
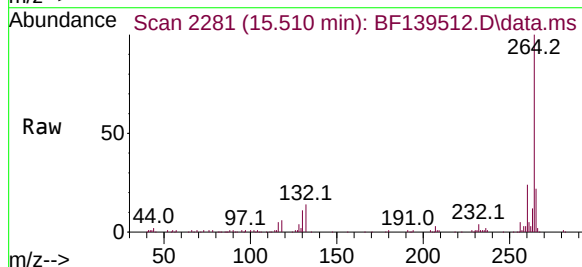
Tgt Ion:264 Resp: 96172

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 21.8 16.6 25.0



Report of Analysis

Client:	ENTACT	Date Collected:	09/20/24
Project:	North Point	Date Received:	09/20/24
Client Sample ID:	PB163511TB	SDG No.:	P4103
Lab Sample ID:	PB163511TB	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BP021985.D	1	09/20/24 11:30	09/23/24 16:49	PB163571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	15.5	U	15.5	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	8.40	U	8.40	50.0	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	100	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	50.0	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	50.0	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	8.90	U	8.90	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	50.0	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	50.0	ug/L
87-86-5	Pentachlorophenol	18.5	U	18.5	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	137		15 (10) - 110 (139)	91%	SPK: 150
13127-88-3	Phenol-d6	132		15 (10) - 110 (134)	88%	SPK: 150
4165-60-0	Nitrobenzene-d5	95.0		30 (49) - 130 (133)	95%	SPK: 100
321-60-8	2-Fluorobiphenyl	97.8		30 (52) - 130 (132)	98%	SPK: 100
118-79-6	2,4,6-Tribromophenol	133		15 (44) - 110 (137)	89%	SPK: 150
1718-51-0	Terphenyl-d14	97.3		30 (48) - 130 (125)	97%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	103000	7.71			
1146-65-2	Naphthalene-d8	353000	10.475			
15067-26-2	Acenaphthene-d10	226000	14.328			
1517-22-2	Phenanthrene-d10	509000	17.122			
1719-03-5	Chrysene-d12	589000	21.545			
1520-96-3	Perylene-d12	660000	24.833			

Report of Analysis

Client:	ENTACT	Date Collected:	09/20/24
Project:	North Point	Date Received:	09/20/24
Client Sample ID:	PB163511TB	SDG No.:	P4103
Lab Sample ID:	PB163511TB	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BP021985.D	1	09/20/24 11:30	09/23/24 16:49	PB163571

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\BP092324\
Data File : BP021985.D
Acq On : 23 Sep 2024 16:49
Operator : RC/JU
Sample : PB163511TB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB163511TB

Quant Time: Sep 23 17:27:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 01:22:00 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	102538	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	352981	20.000	ng	0.00
39) Acenaphthene-d10	14.328	164	226377	20.000	ng	0.00
64) Phenanthrene-d10	17.122	188	508700	20.000	ng	-0.02
76) Chrysene-d12	21.545	240	588618	20.000	ng	-0.02
86) Perylene-d12	24.833	264	660304	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	747500	136.999	ng	0.00
7) Phenol-d6	6.893	99	936186	132.170	ng	0.00
23) Nitrobenzene-d5	8.852	82	633974	95.035	ng	0.00
42) 2,4,6-Tribromophenol	15.834	330	558008	132.961	ng	-0.02
45) 2-Fluorobiphenyl	12.934	172	1516257	97.774	ng	0.00
79) Terphenyl-d14	19.851	244	3050175	97.342	ng	0.00

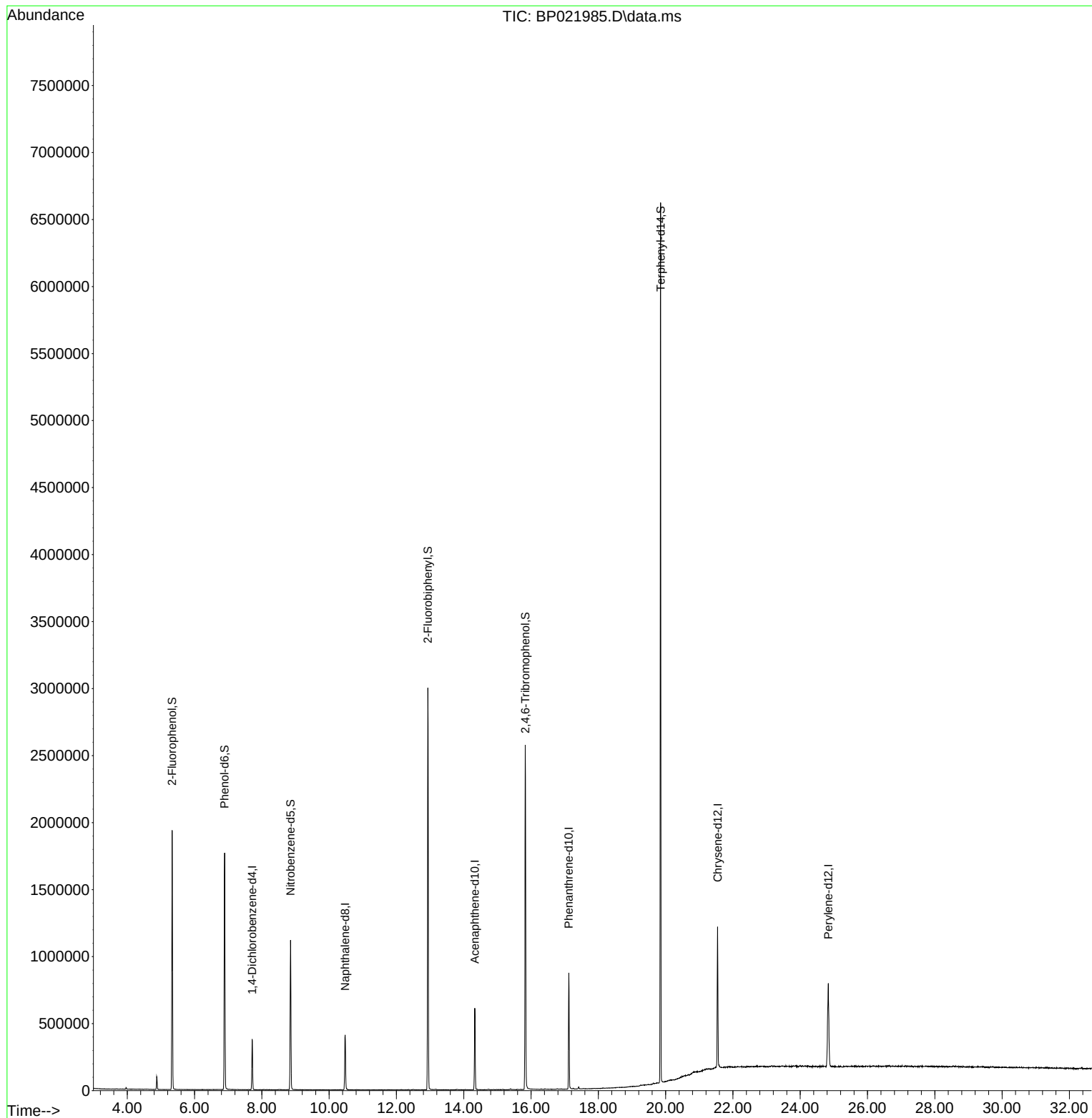
Target Compounds	Qvalue

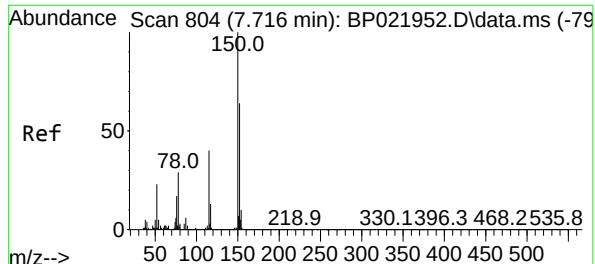
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092324\
Data File : BP021985.D
Acq On : 23 Sep 2024 16:49
Operator : RC/JU
Sample : PB163511TB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB163511TB

Quant Time: Sep 23 17:27:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 01:22:00 2024
Response via : Initial Calibration

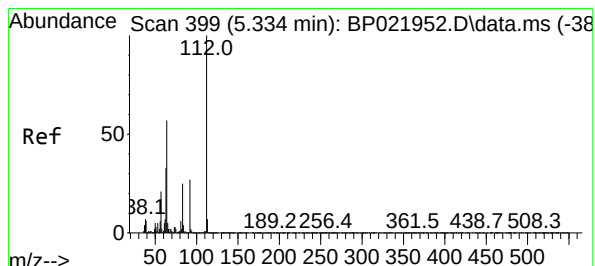
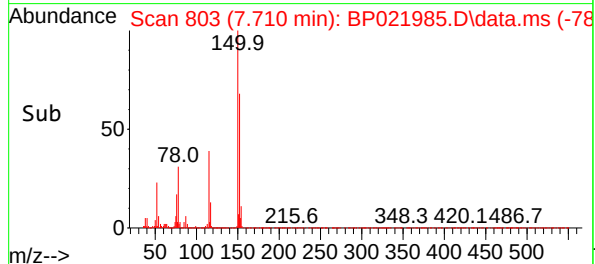
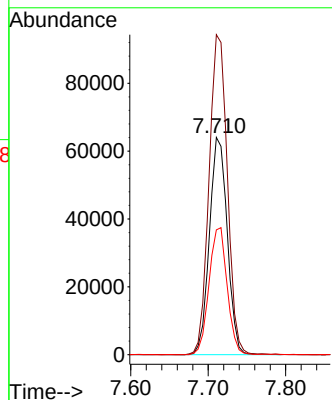
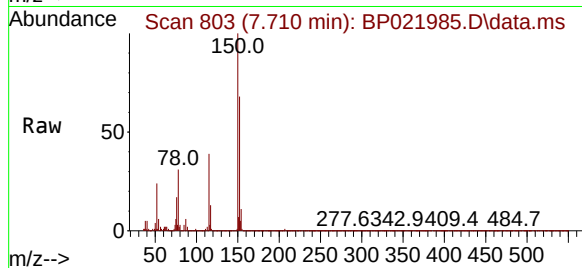




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.710 min Scan# 804
 Delta R.T. -0.006 min
 Lab File: BP021985.D
 Acq: 23 Sep 2024 16:49

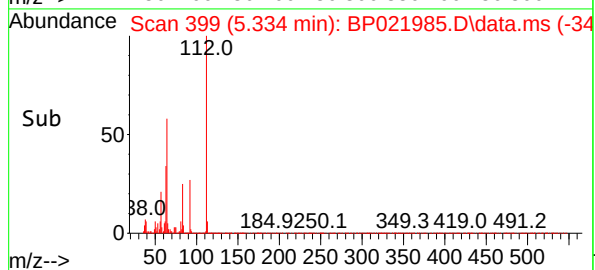
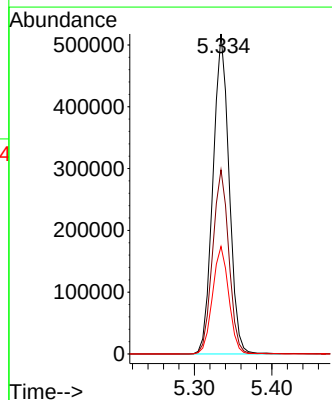
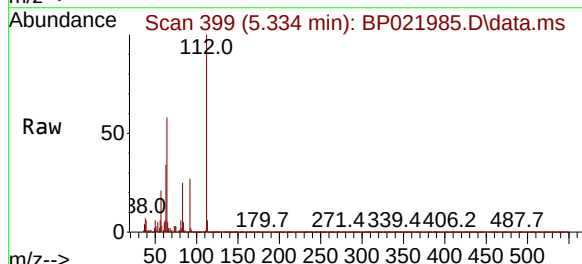
Instrument :
 BNA_P
 ClientSampleId :
 PB163511TB

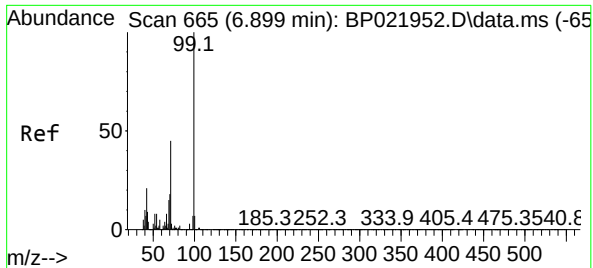
Tgt Ion:152 Resp: 102538
 Ion Ratio Lower Upper
 152 100
 150 147.3 124.2 186.2
 115 57.5 49.2 73.8



#5
 2-Fluorophenol
 Concen: 136.999 ng
 RT: 5.334 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: BP021985.D
 Acq: 23 Sep 2024 16:49

Tgt Ion:112 Resp: 747500
 Ion Ratio Lower Upper
 112 100
 64 57.6 45.4 68.0
 63 33.6 26.6 39.8

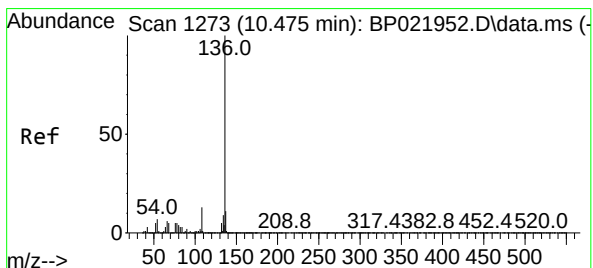
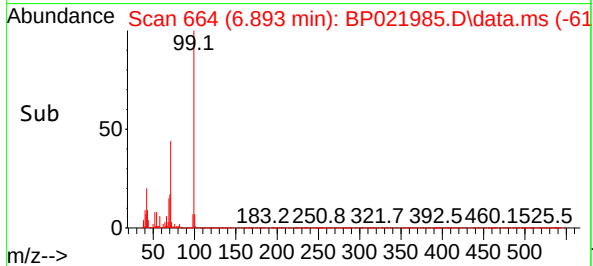
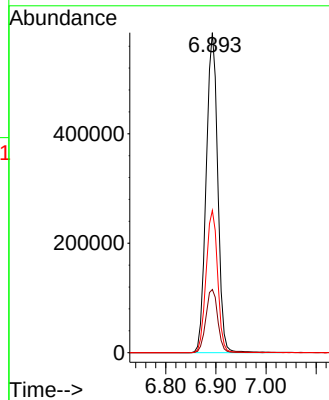
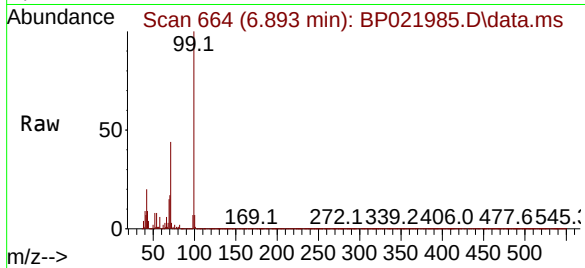




#7
Phenol-d6
Concen: 132.170 ng
RT: 6.893 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP021985.D
Acq: 23 Sep 2024 16:49

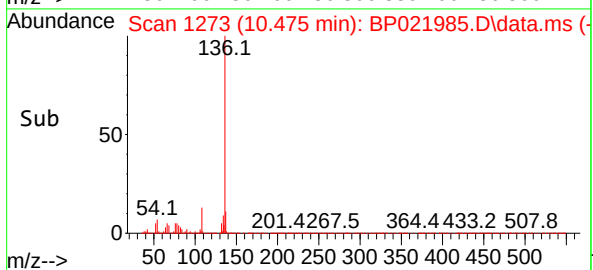
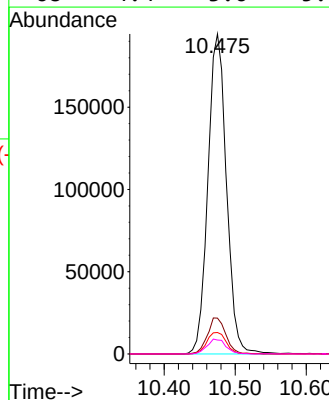
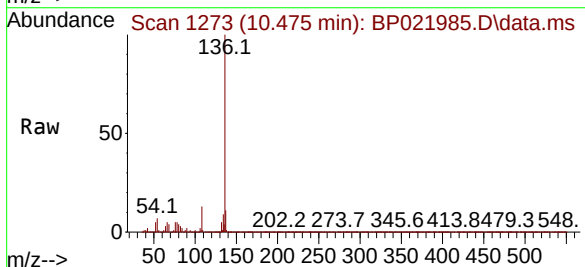
Instrument :
BNA_P
ClientSampleId :
PB163511TB

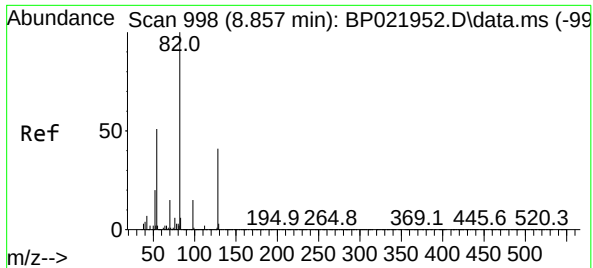
Tgt Ion: 99 Resp: 936186
Ion Ratio Lower Upper
99 100
42 19.7 16.8 25.2
71 44.4 35.8 53.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BP021985.D
Acq: 23 Sep 2024 16:49

Tgt Ion: 136 Resp: 352981
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 6.7 5.5 8.3
68 4.4 3.6 5.4





#23

Nitrobenzene-d5

Concen: 95.035 ng

RT: 8.852 min Scan# 998

Delta R.T. -0.006 min

Lab File: BP021985.D

Acq: 23 Sep 2024 16:49

Instrument :

BNA_P

ClientSampleId :

PB163511TB

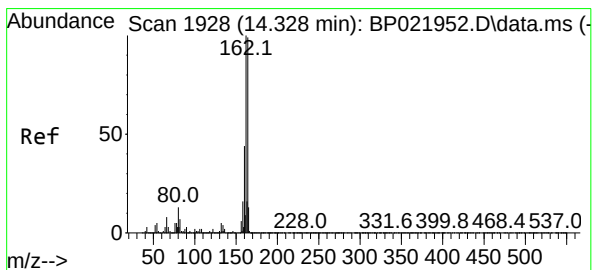
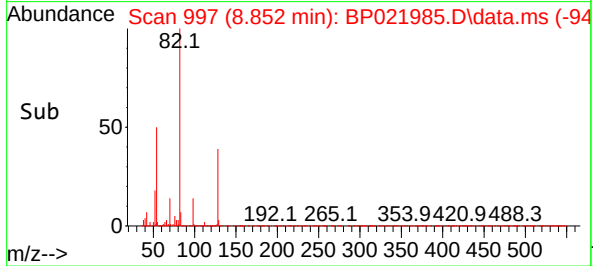
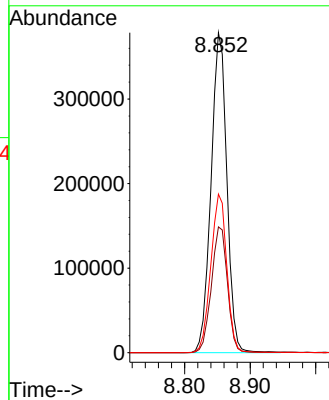
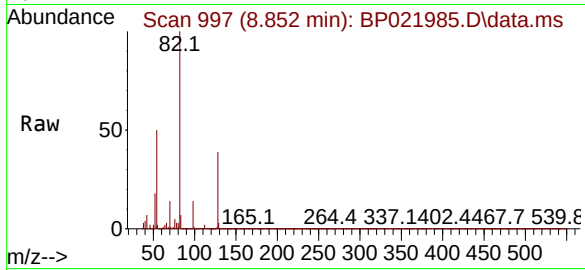
Tgt Ion: 82 Resp: 633974

Ion	Ratio	Lower	Upper
82	100		
128	39.3	33.1	49.7
54	49.6	40.3	60.5

82 100

128 39.3 33.1 49.7

54 49.6 40.3 60.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.328 min Scan# 1928

Delta R.T. 0.000 min

Lab File: BP021985.D

Acq: 23 Sep 2024 16:49

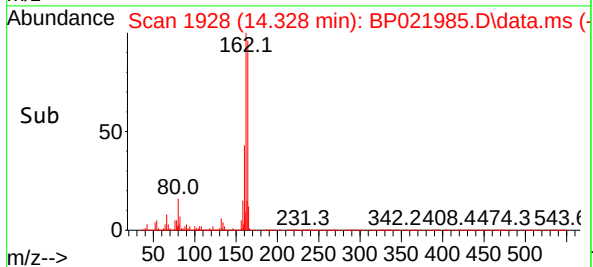
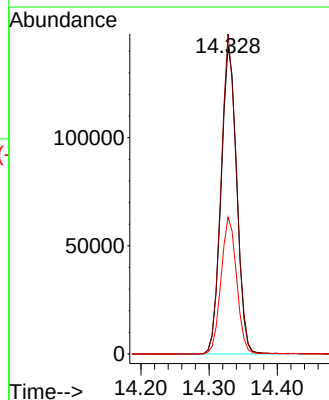
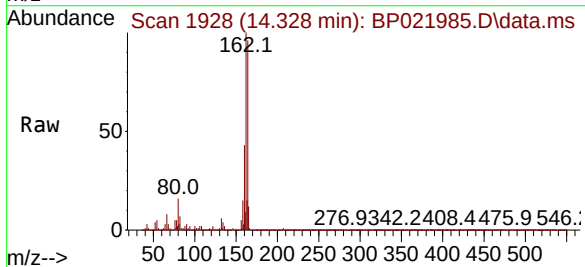
Tgt Ion:164 Resp: 226377

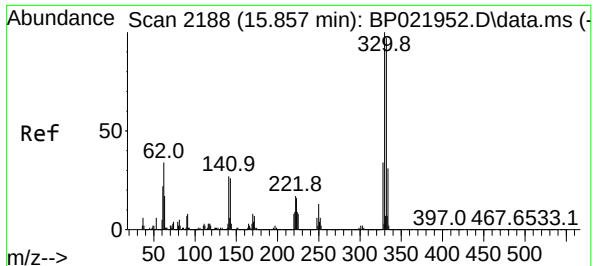
Ion	Ratio	Lower	Upper
164	100		
162	103.9	81.2	121.8
160	44.4	35.9	53.9

164 100

162 103.9 81.2 121.8

160 44.4 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 132.961 ng

RT: 15.834 min Scan# 21

Delta R.T. -0.023 min

Lab File: BP021985.D

Acq: 23 Sep 2024 16:49

Instrument :

BNA_P

ClientSampleId :

PB163511TB

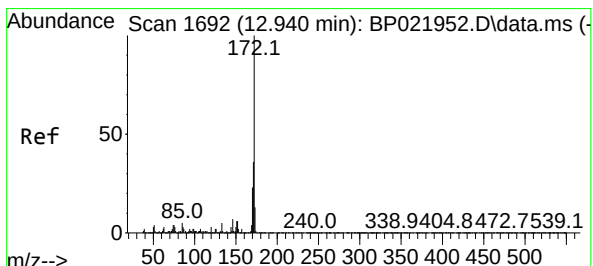
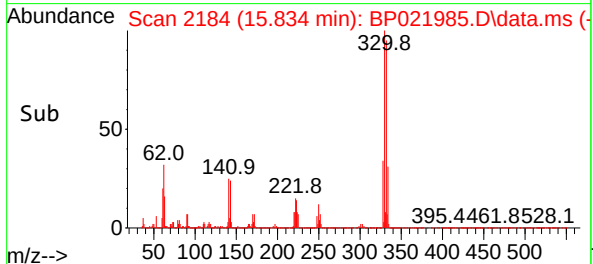
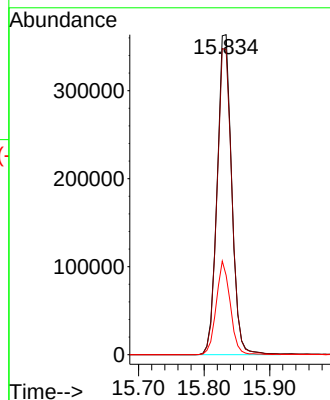
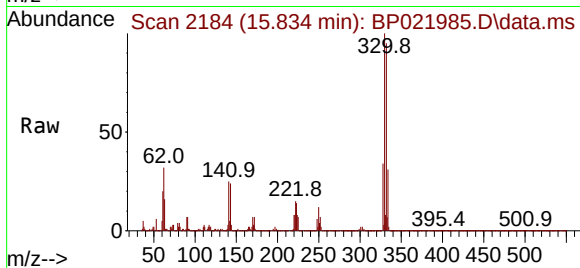
Tgt Ion:330 Resp: 558008

Ion Ratio Lower Upper

330 100

332 97.5 77.5 116.3

141 28.2 23.4 35.0



#45

2-Fluorobiphenyl

Concen: 97.774 ng

RT: 12.934 min Scan# 1691

Delta R.T. -0.006 min

Lab File: BP021985.D

Acq: 23 Sep 2024 16:49

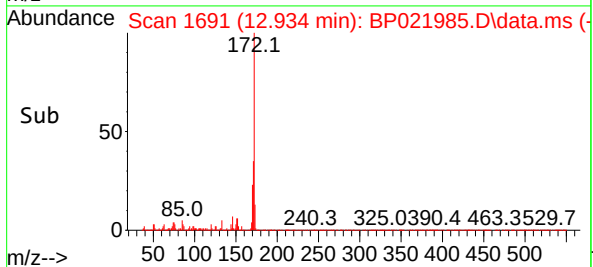
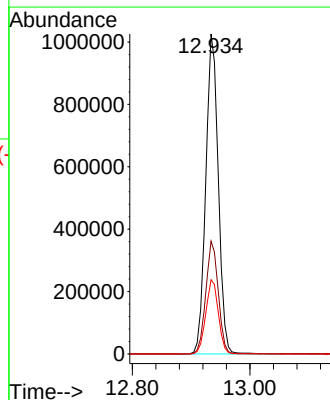
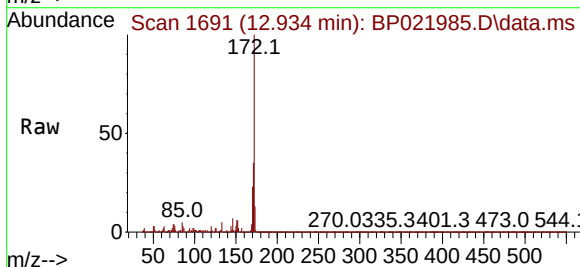
Tgt Ion:172 Resp: 1516257

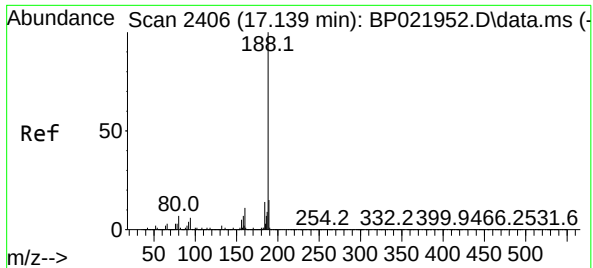
Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

170 23.2 18.8 28.2

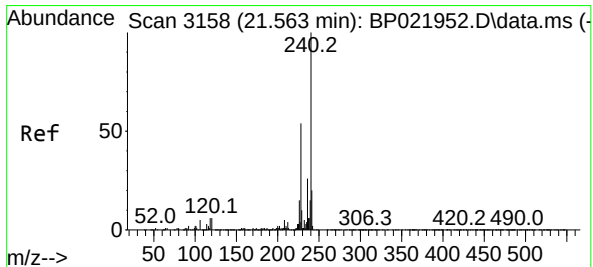
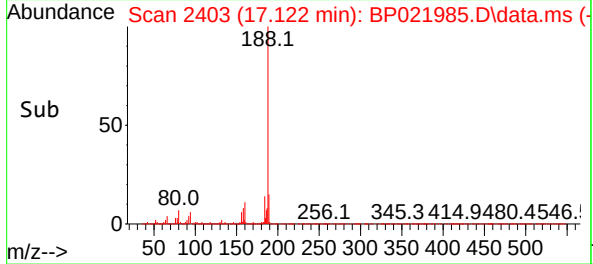
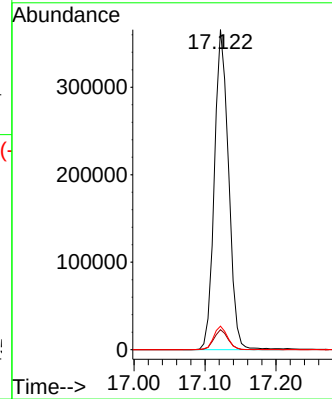
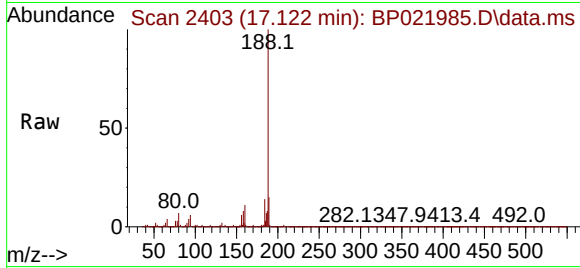




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.122 min Scan# 2403
Delta R.T. -0.018 min
Lab File: BP021985.D
Acq: 23 Sep 2024 16:49

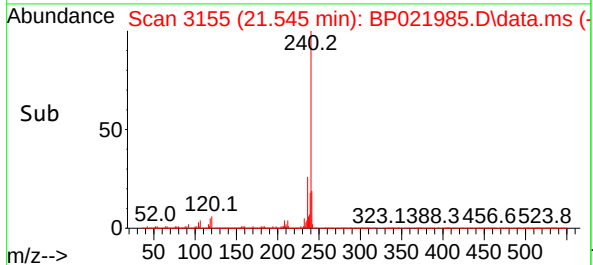
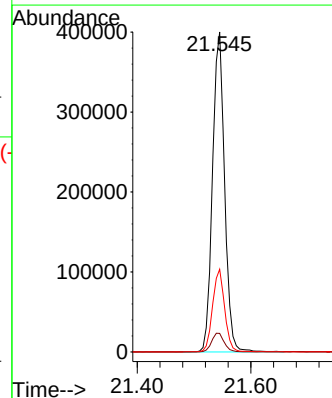
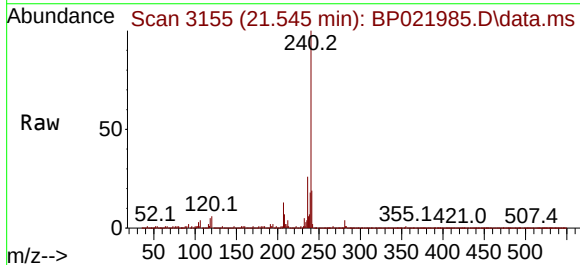
Instrument :
BNA_P
ClientSampleId :
PB163511TB

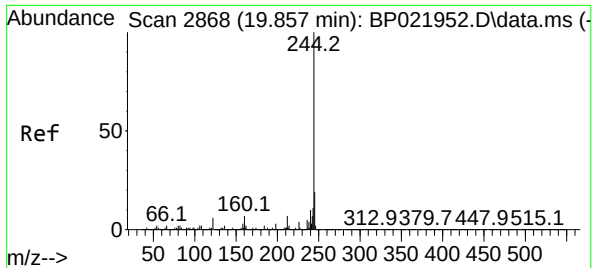
Tgt Ion:188 Resp: 508700
Ion Ratio Lower Upper
188 100
94 6.3 4.6 6.8
80 7.4 5.4 8.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.545 min Scan# 3155
Delta R.T. -0.018 min
Lab File: BP021985.D
Acq: 23 Sep 2024 16:49

Tgt Ion:240 Resp: 588618
Ion Ratio Lower Upper
240 100
120 5.8 5.1 7.7
236 25.8 20.7 31.1

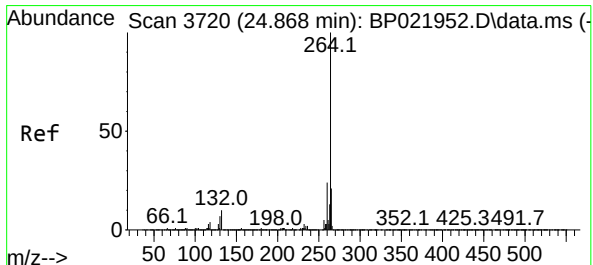
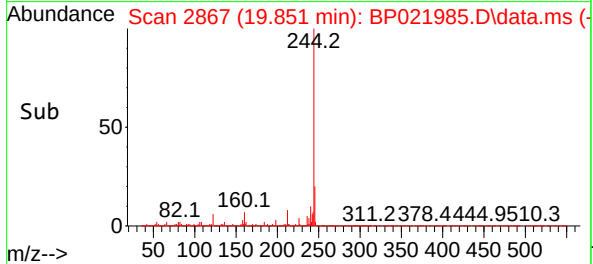
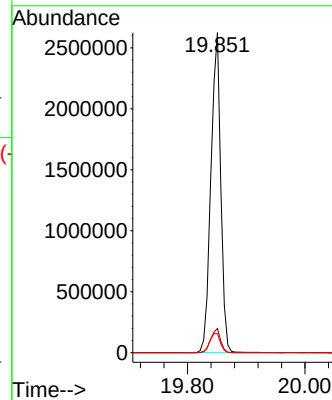
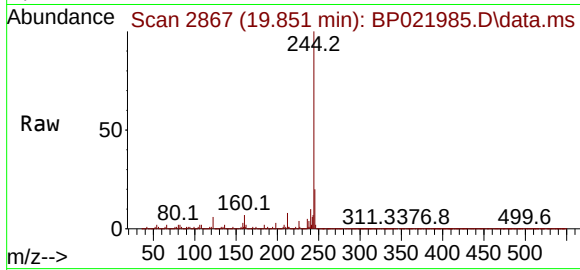




#79
 Terphenyl-d14
 Concen: 97.342 ng
 RT: 19.851 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP021985.D
 Acq: 23 Sep 2024 16:49

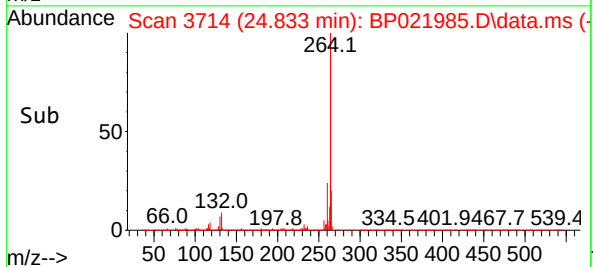
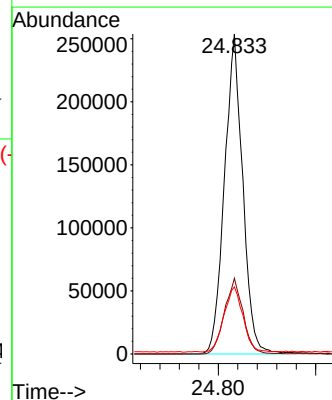
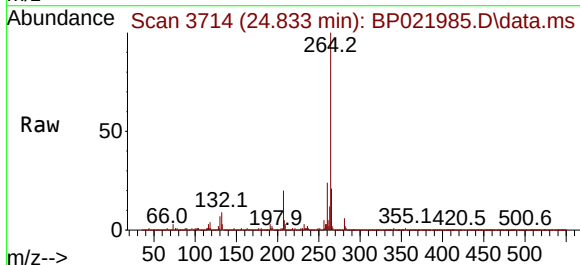
Instrument :
 BNA_P
 ClientSampleId :
 PB163511TB

Tgt Ion:244 Resp: 3050175
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 5.9 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.833 min Scan# 3714
 Delta R.T. -0.035 min
 Lab File: BP021985.D
 Acq: 23 Sep 2024 16:49

Tgt Ion:264 Resp: 660304
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.9 28.3
 265 21.0 17.5 26.3





CALIBRATION SUMMARY



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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: ENTA05
 Lab Code: CHEM Case No.: P4103 SAS No.: P4103 SDG No.: P4103
 Instrument ID: BNA_F Calibration Date(s): 09/13/2024 09/13/2024
 Calibration Time(s): 14:32 19:44

LAB FILE ID:		RRF2.5 = BF139345.D		RRF005 = BF139346.D		RRF010 = BF139347.D		
		RRF020 = BF139348.D		RRF040 = BF139349.D		RRF050 = BF139350.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Pyridine		1.084	1.102	1.180	1.098	1.002	1.084	5.7
2-Fluorophenol		1.255	1.223	1.262	1.216	1.174	1.226	2.7
Phenol-d6		1.636	1.624	1.680	1.598	1.522	1.609	3.4
1,4-Dichlorobenzene		1.477	1.463	1.527	1.432	1.377	1.450	3.5
2-Methylphenol		0.999	1.000	1.077	0.986	0.952	1.003	3.9
3+4-Methylphenols		1.397	1.358	1.413	1.351	1.306	1.368	3.2
Nitrobenzene-d5		0.409	0.415	0.434	0.441	0.408	0.425	3.4
Hexachloroethane		0.563	0.567	0.565	0.543	0.531	0.552	2.9
Nitrobenzene		0.434	0.436	0.442	0.453	0.422	0.438	2.4
Hexachlorobutadiene		0.228	0.231	0.228	0.232	0.220	0.226	2.4
2,4,6-Trichlorophenol		0.378	0.373	0.388	0.421	0.370	0.386	4.4
2-Fluorobiphenyl		1.470	1.399	1.473	1.491	1.357	1.426	3.6
2,4,5-Trichlorophenol		0.378	0.389	0.426	0.434	0.400	0.407	4.9
2,4-Dinitrotoluene		0.364	0.365	0.391	0.434	0.388	0.393	6.2
2,4,6-Tribromophenol		0.212	0.202	0.220	0.229	0.204	0.213	4.5
Hexachlorobenzene		0.232	0.229	0.228	0.243	0.223	0.233	2.9
Pentachlorophenol		0.123	0.130	0.143	0.150	0.137	0.140	7.2
Terphenyl-d14		1.100	1.128	1.282	1.349	1.239	1.218	7.7

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-BF091324.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Sat Sep 14 02:58:23 2024
 Response Via : Initial Calibration

Calibration Files

2.5 =BF139345.D 5 =BF139346.D 10 =BF139347.D 20 =BF139348.D 40 =BF139349.D 50 =BF139350.D 60 =BF139351.D 80 =BF139352.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.553	0.504	0.521	0.494	0.447	0.464	0.460	0.492	7.66	
3)	Pyridine	1.084	1.102	1.180	1.098	1.002	1.116	1.010	1.084	5.72	
4)	n-Nitrosodimet...	0.936	0.930	0.973	0.941	0.905	0.974	0.920	0.940	2.73	
5) S	2-Fluorophenol	1.255	1.223	1.262	1.216	1.174	1.254	1.198	1.226	2.71	
6)	Aniline	1.262	1.232	1.274	1.194	1.101	1.223		1.214	5.16	
7) S	Phenol-d6	1.636	1.624	1.680	1.598	1.522	1.649	1.555	1.609	3.43	
8)	2-Chlorophenol	1.262	1.295	1.305	1.242	1.203	1.297	1.230	1.262	3.08	
9)	Benzaldehyde	1.119	1.053	1.011	0.833	0.761	0.801		0.930	16.10	
10) C	Phenol	1.697	1.708	1.709	1.609	1.524	1.669	1.557	1.639	4.63	
11)	bis(2-Chloroet...	1.173	1.177	1.190	1.133	1.127	1.212	1.707	1.246	16.50	
12)	1,3-Dichlorobe...	1.500	1.489	1.475	1.414	1.355	1.444	1.370	1.435	4.01	
13) C	1,4-Dichlorobe...	1.477	1.463	1.527	1.432	1.377	1.476	1.401	1.450	3.52	
14)	1,2-Dichlorobe...	1.429	1.386	1.411	1.344	1.301	1.406	1.316	1.370	3.65	
15)	Benzyl Alcohol	1.277	1.307	1.332	1.282	1.220	1.336	1.233	1.284	3.52	
16)	2,2'-oxybis(1-...	2.033	1.971	2.047	1.868	1.791	1.936	1.793	1.920	5.52	
17)	2-Methylphenol	0.999	1.000	1.077	0.986	0.952	1.022	0.982	1.003	3.90	
18)	Hexachloroethane	0.563	0.567	0.565	0.543	0.531	0.565	0.533	0.552	2.86	
19) P	n-Nitroso-di-n...	0.922	0.950	0.952	1.025	0.939	0.912	0.990	0.939	0.954	3.88
20)	3+4-Methylphenols	1.397	1.358	1.413	1.351	1.306	1.420	1.331	1.368	3.15	
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.521	0.509	0.535	0.539	0.502	0.540	0.515	0.523	2.87	
23) S	Nitrobenzene-d5	0.409	0.415	0.434	0.441	0.408	0.443	0.428	0.425	3.43	
24)	Nitrobenzene	0.434	0.436	0.442	0.453	0.422	0.448	0.430	0.438	2.42	
25)	Isophorone	0.658	0.670	0.698	0.685	0.647	0.688	0.663	0.673	2.73	
26) C	2-Nitrophenol	0.153	0.157	0.169	0.182	0.169	0.184	0.180	0.171	7.27	
27)	2,4-Dimethylph...	0.216	0.219	0.231	0.235	0.219	0.235	0.221	0.225	3.76	
28)	bis(2-Chloroet...	0.394	0.378	0.389	0.387	0.364	0.392	0.381	0.383	2.72	
29) C	2,4-Dichloroph...	0.289	0.283	0.285	0.295	0.272	0.294	0.283	0.286	2.79	
30)	1,2,4-Trichlor...	0.347	0.331	0.336	0.341	0.316	0.337	0.325	0.333	3.07	
31)	Naphthalene	1.043	1.038	1.045	1.070	1.003	1.076	1.034	1.044	2.32	
32)	Benzoic acid	0.164	0.184	0.219	0.220	0.221	0.235	0.231	0.211	12.54	
33)	4-Chloroaniline	0.307	0.327	0.334	0.337	0.305	0.332	0.293	0.319	5.44	
34) C	Hexachlorobuta...	0.228	0.231	0.228	0.232	0.220	0.227	0.218	0.226	2.36	
35)	Caprolactam	0.087	0.086	0.089	0.093	0.083	0.089	0.088	0.088	3.74	
36) C	4-Chloro-3-met...	0.315	0.317	0.336	0.341	0.315	0.336	0.327	0.327	3.34	
37)	2-Methylnaphth...	0.672	0.645	0.684	0.680	0.631	0.675	0.651	0.663	3.06	
38)	1-Methylnaphth...	0.656	0.647	0.670	0.662	0.616	0.661	0.643	0.651	2.70	

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF091324.M

39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.600	0.570	0.607	0.619	0.569	0.597	0.588	0.593	3.15	
41) P	Hexachlorocycl...	0.198	0.196	0.224	0.229	0.207	0.208	0.187	0.207	7.28	
42) S	2,4,6-Tribromo...	0.212	0.202	0.220	0.229	0.204	0.215	0.210	0.213	4.48	
43) C	2,4,6-Trichlor...	0.378	0.373	0.388	0.421	0.370	0.385	0.384	0.386	4.45	
44)	2,4,5-Trichlor...	0.378	0.389	0.426	0.434	0.400	0.411	0.410	0.407	4.87	
45) S	2-Fluorobiphenyl	1.470	1.399	1.473	1.491	1.357	1.407	1.385	1.426	3.60	
46)	1,1'-Biphenyl	1.615	1.478	1.566	1.613	1.479	1.510	1.509	1.539	3.84	
47)	2-Chloronaphth...	1.130	1.110	1.181	1.215	1.116	1.155	1.146	1.150	3.25	
48)	2-Nitroaniline	0.387	0.407	0.436	0.456	0.428	0.443	0.439	0.428	5.45	
49)	Acenaphthylene	1.696	1.705	1.799	1.814	1.681	1.718	1.709	1.732	3.04	
50)	Dimethylphthalate	1.318	1.284	1.354	1.382	1.253	1.313	1.285	1.313	3.36	
51)	2,6-Dinitrotol...	0.261	0.275	0.303	0.313	0.290	0.296	0.297	0.291	5.97	
52) C	Acenaphthene	1.186	1.141	1.246	1.289	1.169	1.214	1.215	1.209	4.10	
53)	3-Nitroaniline	0.279	0.276	0.311	0.319	0.284	0.299	0.266	0.291	6.72	
54) P	2,4-Dinitrophenol		0.107	0.149	0.178	0.174	0.180	0.183	0.162	18.18	
55)	Dibenzofuran	1.687	1.668	1.738	1.780	1.600	1.684	1.635	1.685	3.59	
56) P	4-Nitrophenol	0.225	0.228	0.243	0.264	0.244	0.240	0.238	0.240	5.30	
57)	2,4-Dinitrotol...	0.364	0.365	0.391	0.434	0.388	0.406	0.400	0.393	6.20	
58)	Fluorene	1.373	1.323	1.424	1.472	1.325	1.360	1.345	1.375	4.00	
59)	2,3,4,6-Tetrac...	0.317	0.327	0.364	0.359	0.325	0.336	0.329	0.336	5.35	
60)	Diethylphthalate	1.359	1.291	1.405	1.440	1.309	1.346	1.332	1.355	3.87	
61)	4-Chlorophenyl...	0.671	0.638	0.691	0.705	0.642	0.665	0.664	0.668	3.62	
62)	4-Nitroaniline	0.303	0.315	0.344	0.348	0.307	0.314	0.289	0.317	6.80	
63)	Azobenzene	1.341	1.286	1.375	1.423	1.280	1.314	1.309	1.332	3.86	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.075	0.092	0.105	0.117	0.113	0.119	0.119	0.106	15.89	
66) c	n-Nitrosodiphe...	0.581	0.564	0.593	0.601	0.560	0.594	0.601	0.585	2.92	
67)	4-Bromophenyl-...	0.190	0.186	0.201	0.207	0.191	0.206	0.206	0.198	4.37	
68)	Hexachlorobenzene	0.232	0.229	0.228	0.243	0.223	0.236	0.237	0.233	2.86	
69)	Atrazine	0.175	0.165	0.144	0.121	0.141	0.114	0.115	0.139	17.35	
70) C	Pentachlorophenol	0.123	0.130	0.143	0.150	0.137	0.149	0.144	0.140	7.21	
71)	Phenanthrene	0.981	0.928	0.992	1.004	0.938	0.969	0.943	0.965	3.02	
72)	Anthracene	0.945	0.909	0.971	0.987	0.913	0.957	0.922	0.943	3.18	
73)	Carbazole	0.923	0.897	0.958	0.946	0.881	0.884	0.831	0.903	4.80	
74)	Di-n-butylphth...	0.935	0.972	1.073	1.075	0.991	1.024	0.970	1.006	5.34	
75) C	Fluoranthene	1.100	1.092	1.137	1.085	0.957	0.960	0.882	1.030	9.31	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.174	0.181	0.262	0.384	0.269	0.401	0.334	0.287	31.62	
78)	Pyrene	1.536	1.568	1.791	1.924	1.774	1.781	1.647	1.717	8.07	
79) S	Terphenyl-d14	1.100	1.128	1.282	1.349	1.239	1.282	1.150	1.218	7.67	
80)	Butylbenzylpht...	0.519	0.552	0.630	0.627	0.585	0.601	0.578	0.585	6.81	
81)	Benzo(a)anthra...	1.334	1.287	1.404	1.358	1.262	1.312	1.317	1.325	3.51	
82)	3,3'-Dichlorob...	0.388	0.384	0.396	0.374	0.367	0.408	0.397	0.388	3.64	
83)	Chrysene	1.252	1.206	1.206	1.234	1.185	1.242	1.206	1.219	1.98	
84)	Bis(2-ethylhex...	0.688	0.711	0.816	0.764	0.727	0.761	0.739	0.744	5.63	
85) c	Di-n-octyl pht...	0.969	0.954	1.076	1.129	1.103	1.204	1.230	1.095	9.68	

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF091324.M

86) I	Perylene-d12	-----ISTD-----									
87)	Indeno(1,2,3-c...	0.947	1.025	1.175	1.363	1.261	1.313	1.240	1.189	12.81	
88)	Benzo(b)fluora...	1.284	1.188	1.332	1.226	1.186	1.216	1.202	1.233	4.43	
89)	Benzo(k)fluora...	1.221	1.212	1.107	1.191	1.028	1.124	1.079	1.137	6.40	
90) C	Benzo(a)pyrene	1.002	0.985	1.031	1.076	0.992	1.056	1.018	1.023	3.29	
91)	Dibenzo(a,h)an...	0.770	0.847	0.973	1.098	1.044	1.109	1.038	0.983	13.12	
92)	Benzo(g,h,i)pe...	0.805	0.846	0.974	1.106	1.031	1.066	0.982	0.973	11.42	

(#) = Out of Range

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139345.D
Acq On : 13 Sep 2024 14:32
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Sep 14 02:13:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:10:24 2024
Response via : Initial Calibration

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

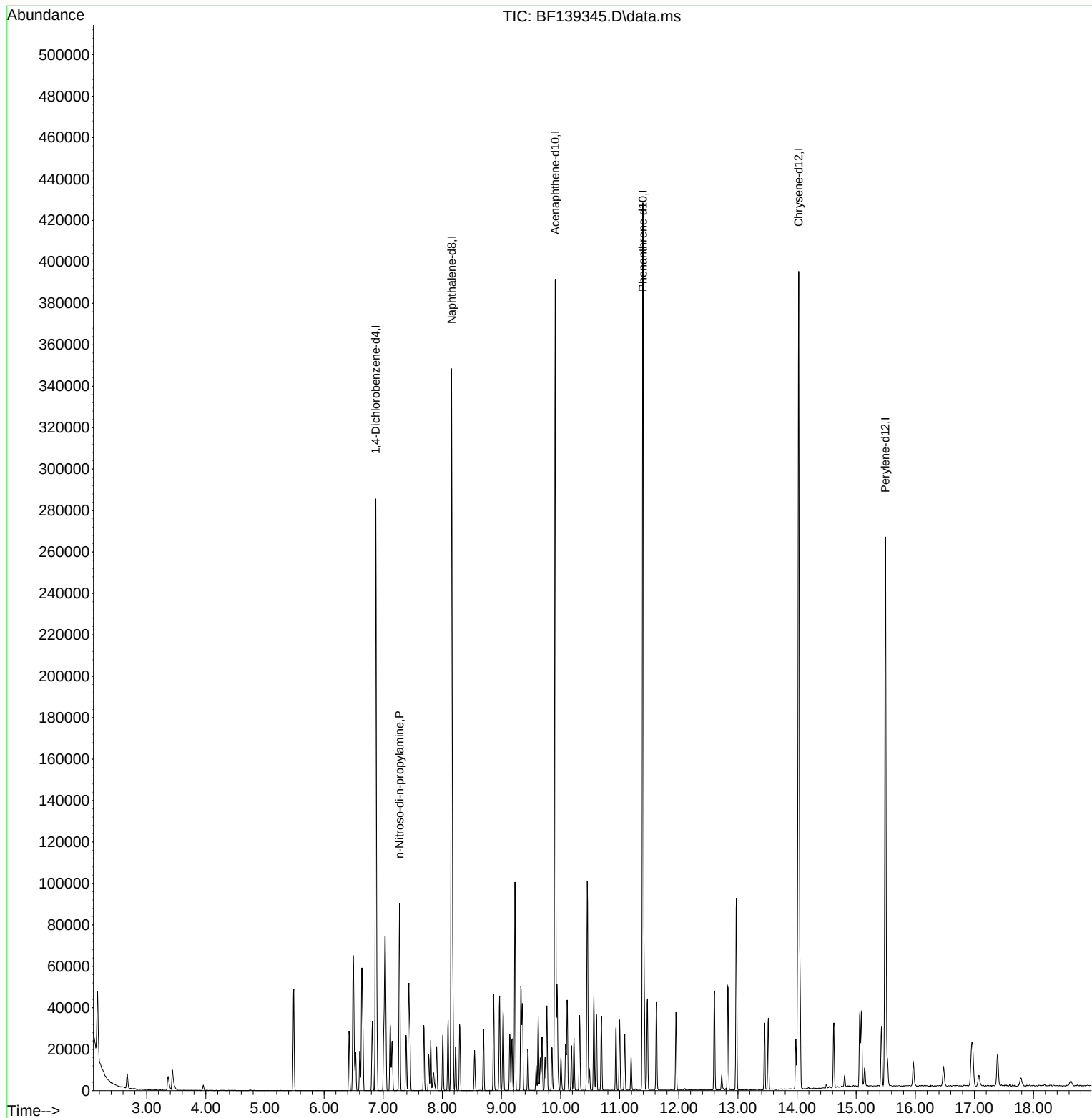
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	52475	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	194429	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	112483	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	216754	20.000	ng	0.00
76) Chrysene-d12	14.027	240	170430	20.000	ng	0.00
86) Perylene-d12	15.492	264	158055	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...	7.275	70	6045	2.506	ng	91

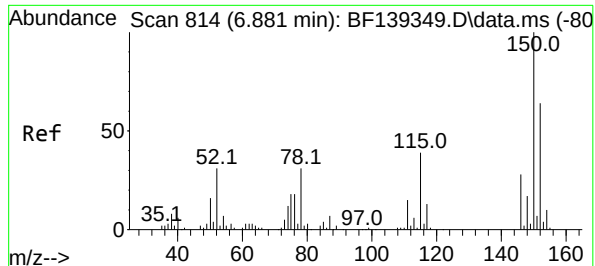
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139345.D
Acq On : 13 Sep 2024 14:32
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

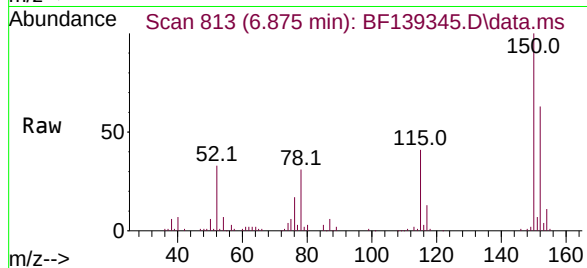
Quant Time: Sep 14 02:13:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:10:24 2024
Response via : Initial Calibration



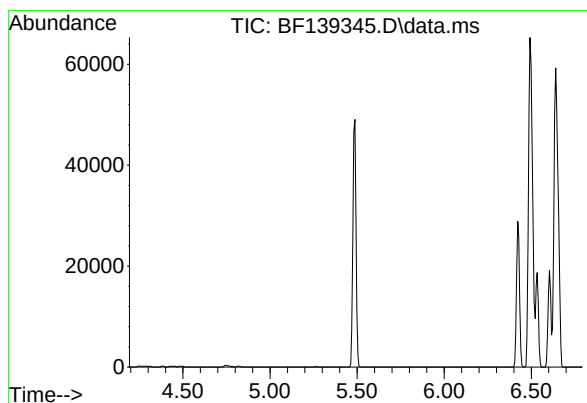
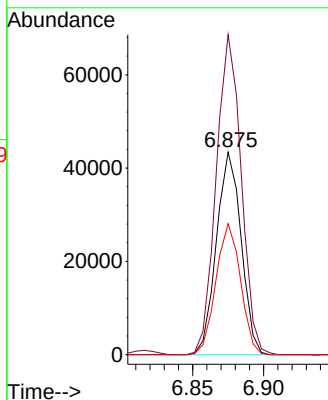
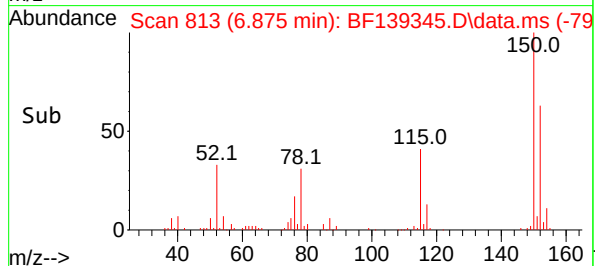


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139345.D
Acq: 13 Sep 2024 14:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



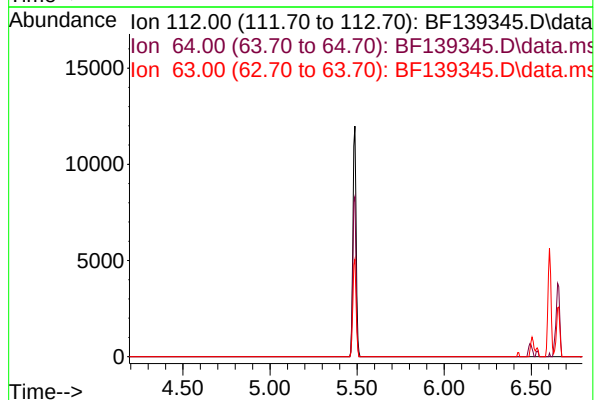
Tgt Ion:152 Resp: 52475
Ion Ratio Lower Upper
152 100
150 158.0 124.1 186.1
115 64.7 48.1 72.1



#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.49 min

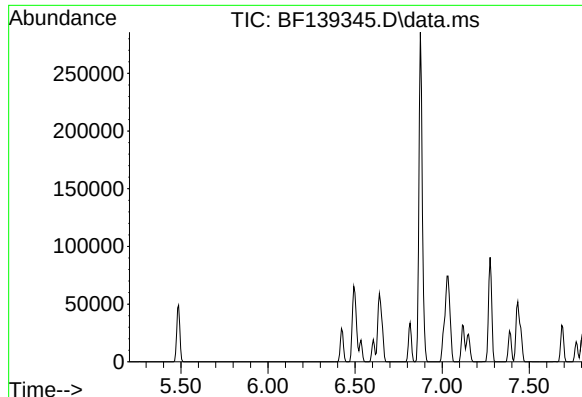
Lab File: BF139345.D
Acq: 13 Sep 2024 14:32

Tgt Ion: 112
Sig Exp Ratio
112 100
64 68.5
63 41.2



Ion 64.00 (63.70 to 64.70): BF139345.D\data.ms

Ion 63.00 (62.70 to 63.70): BF139345.D\data.ms



#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.50 min

Lab File: BF139345.D

Acq: 13 Sep 2024 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

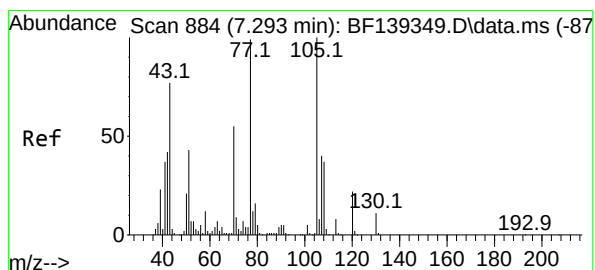
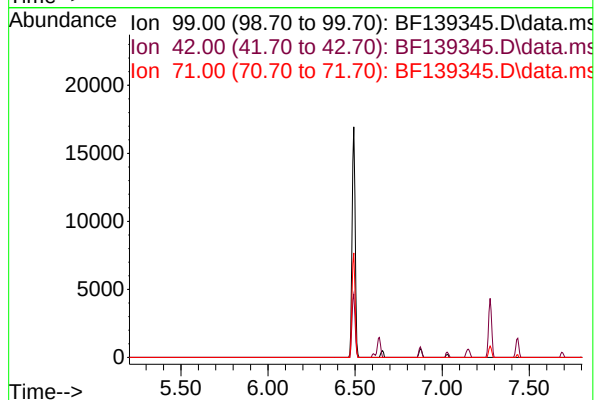
Tgt Ion: 99

Sig Exp Ratio

99 100

42 27.4

71 43.3



#19

n-Nitroso-di-n-propylamine

Concen: 2.506 ng

RT: 7.275 min Scan# 881

Delta R.T. -0.018 min

Lab File: BF139345.D

Acq: 13 Sep 2024 14:32

Tgt Ion: 70 Resp: 6045

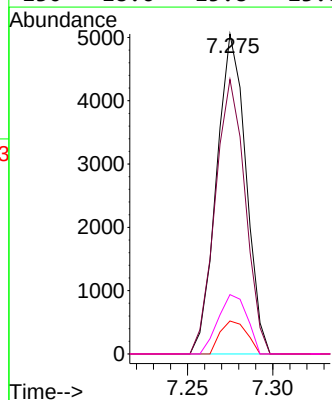
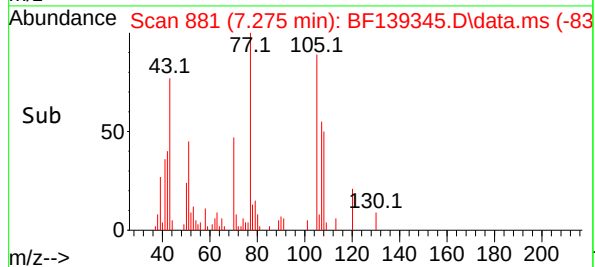
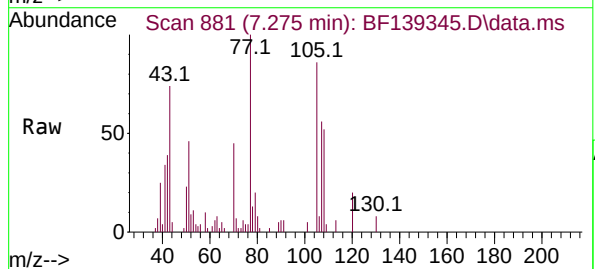
Ion Ratio Lower Upper

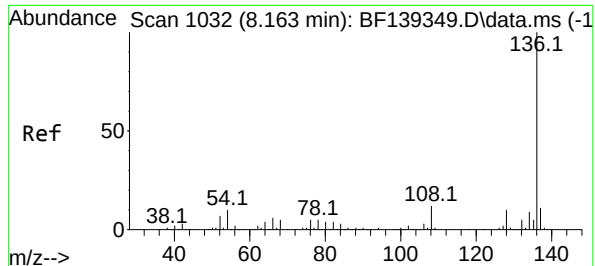
70 100

42 85.8 61.2 91.8

101 10.3 7.5 11.3

130 18.6 15.8 23.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139345.D

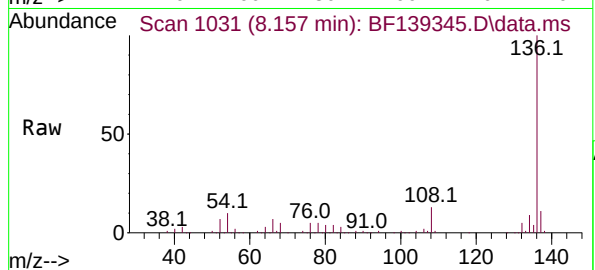
Acq: 13 Sep 2024 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 194429

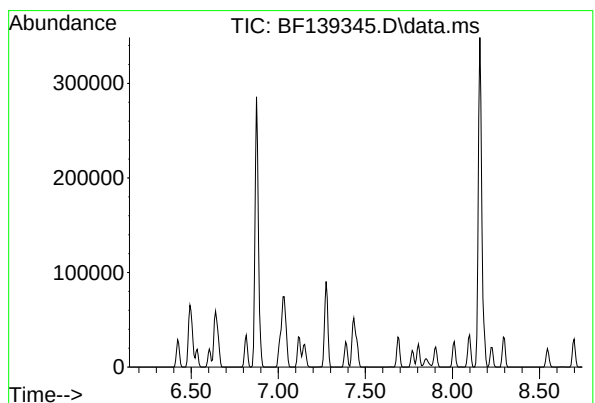
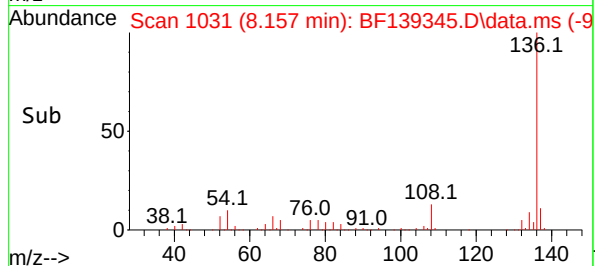
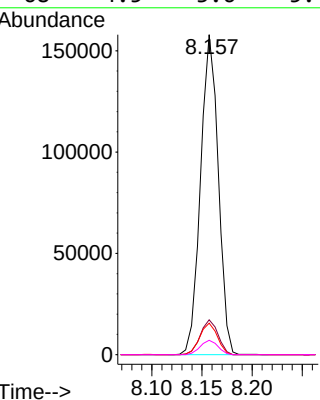
Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 9.9 7.8 11.8

68 4.5 3.6 5.4



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 7.45 min

Lab File: BF139345.D

Acq: 13 Sep 2024 14:32

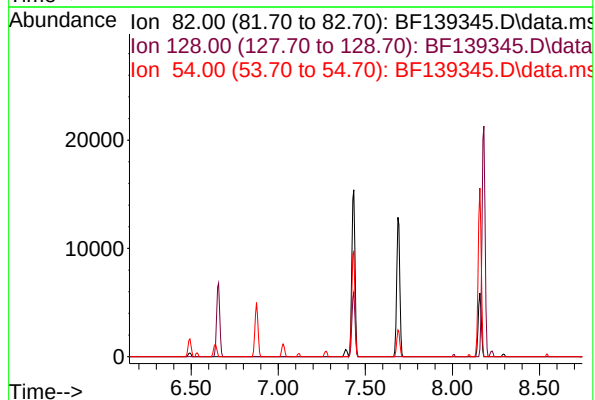
Tgt Ion: 82

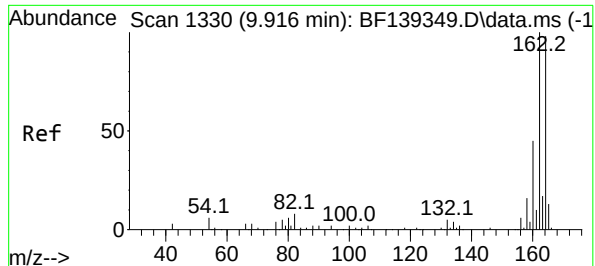
Sig Exp Ratio

82 100

128 39.7

54 63.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139345.D

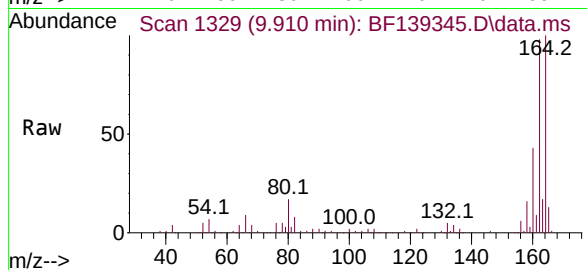
Acq: 13 Sep 2024 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



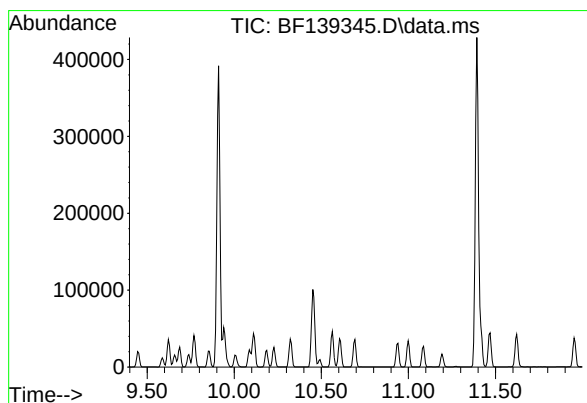
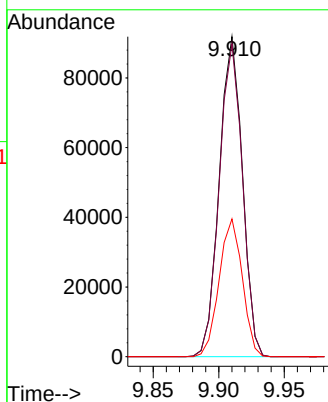
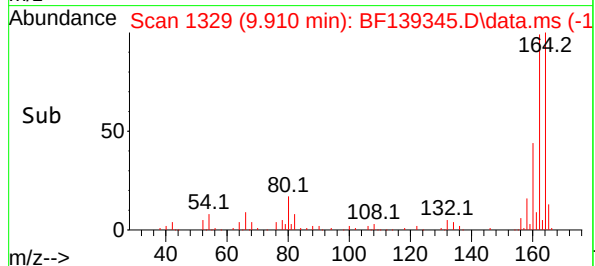
Tgt Ion:164 Resp: 112483

Ion Ratio Lower Upper

164 100

162 97.7 81.3 121.9

160 43.1 36.4 54.6



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.70 min

Lab File: BF139345.D

Acq: 13 Sep 2024 14:32

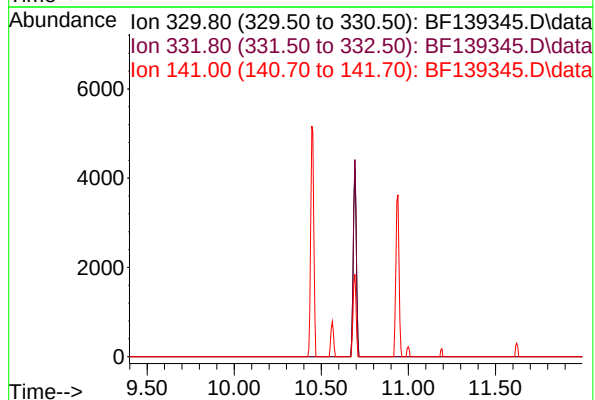
Tgt Ion: 330

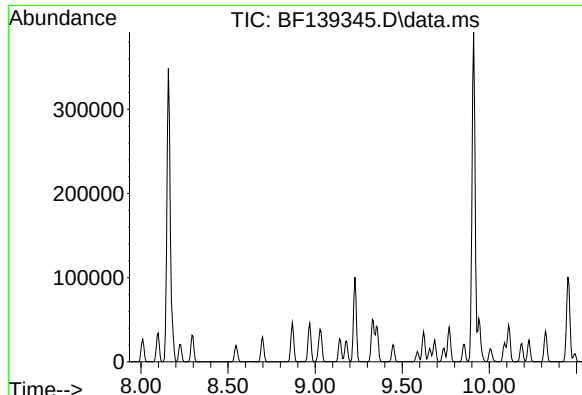
Sig Exp Ratio

330 100

332 94.0

141 39.0





#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 9.23 min

Lab File: BF139345.D

Acq: 13 Sep 2024 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

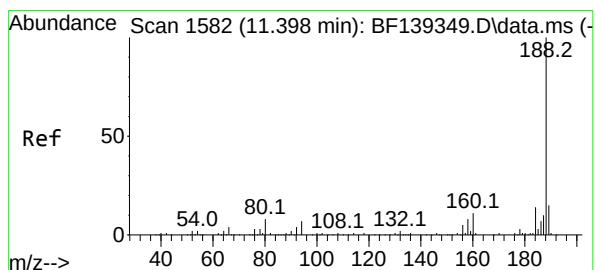
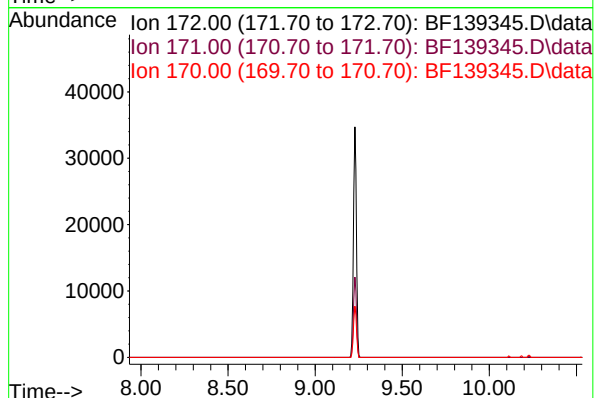
Tgt Ion: 172

Sig Exp Ratio

172 100

171 35.4

170 23.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BF139345.D

Acq: 13 Sep 2024 14:32

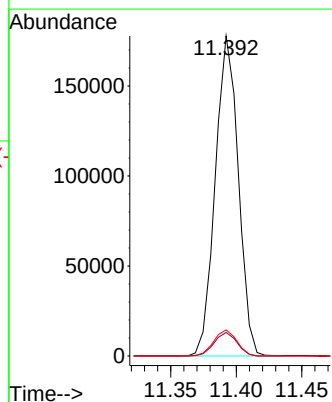
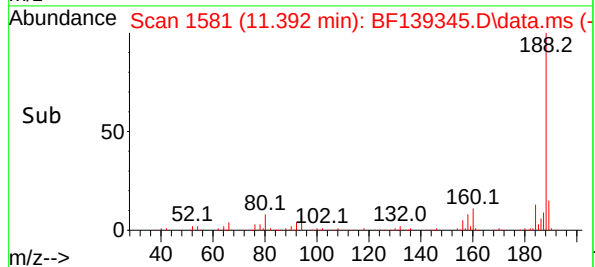
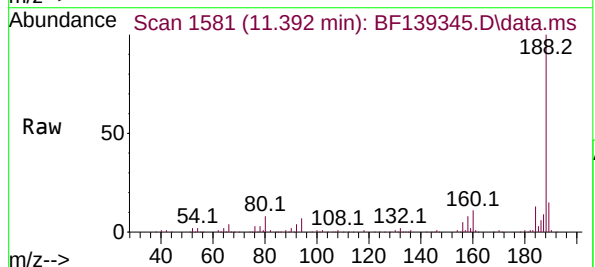
Tgt Ion: 188 Resp: 216754

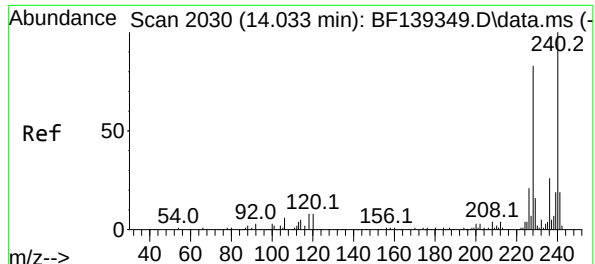
Ion Ratio Lower Upper

188 100

94 7.4 5.5 8.3

80 8.2 6.6 9.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF139345.D

Acq: 13 Sep 2024 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

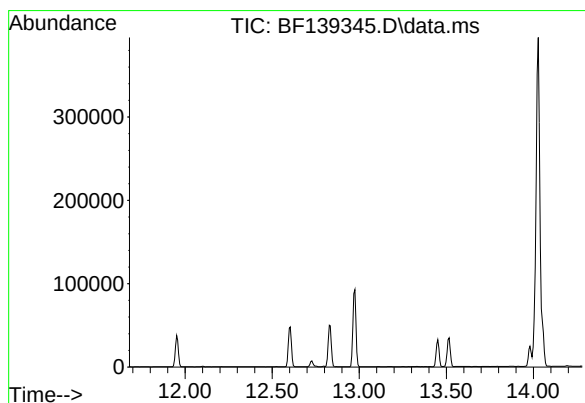
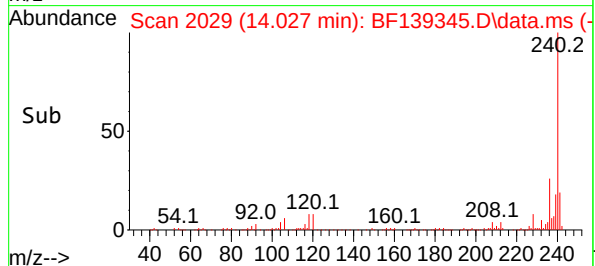
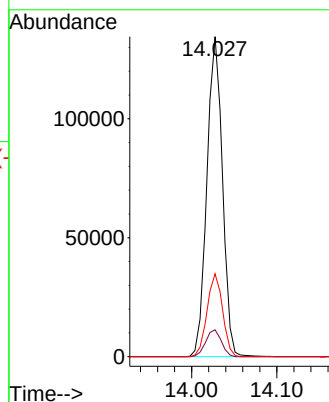
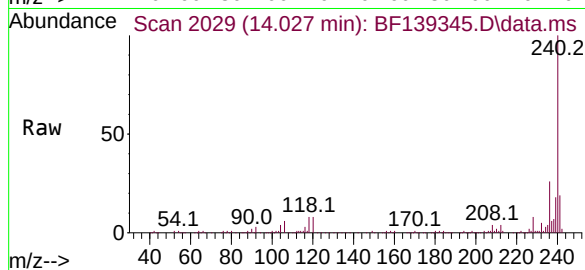
Tgt Ion:240 Resp: 170430

Ion Ratio Lower Upper

240 100

120 8.4 6.2 9.2

236 25.9 20.9 31.3



#79

Terphenyl-d14

Concen: 0.000 ng

Expected RT: 12.98 min

Lab File: BF139345.D

Acq: 13 Sep 2024 14:32

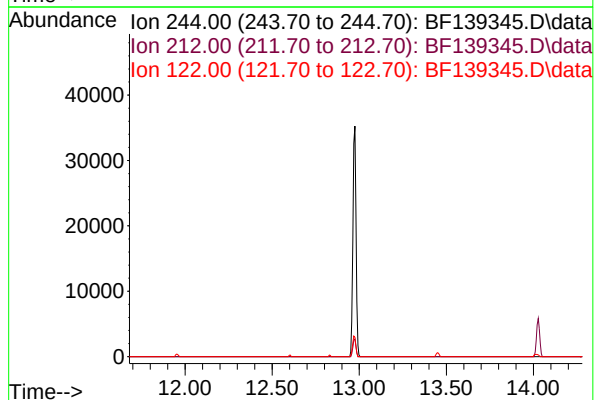
Tgt Ion: 244

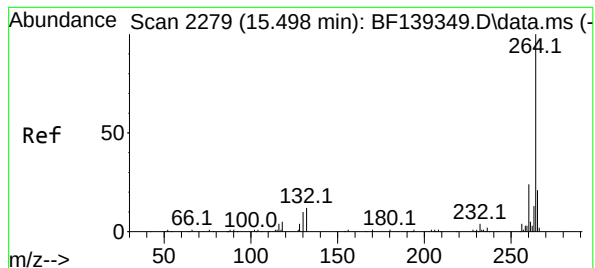
Sig Exp Ratio

244 100

212 7.5

122 9.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139345.D

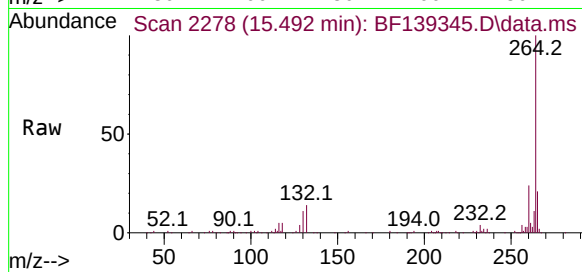
Acq: 13 Sep 2024 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



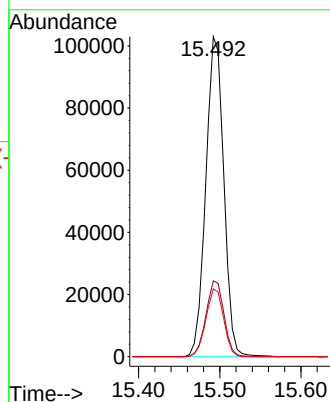
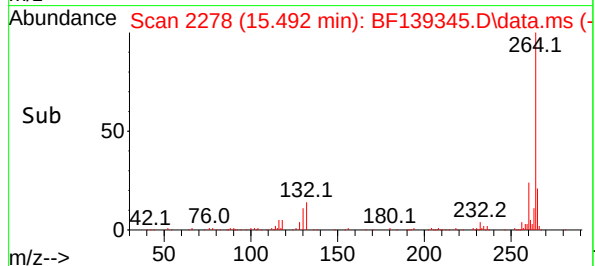
Tgt Ion:264 Resp: 158055

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 21.2 16.6 25.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
 Data File : BF139346.D
 Acq On : 13 Sep 2024 15:00
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Quant Time: Sep 14 02:14:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:10:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	50863	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	190085	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	105494	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	203939	20.000	ng	0.00
76) Chrysene-d12	14.027	240	151467	20.000	ng	0.00
86) Perylene-d12	15.492	264	123378	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	31915	10.497	ng	0.00
7) Phenol-d6	6.493	99	41610	10.251	ng	-0.01
23) Nitrobenzene-d5	7.434	82	38883	10.642	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	11158	12.249	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	77537	11.346	ng	0.00
79) Terphenyl-d14	12.975	244	83334	8.883	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	7035	4.969	ng	96
3) Pyridine	3.422	79	13785	4.033	ng	96
4) n-Nitrosodimethylamine	3.352	42	11905	5.364	ng	99
6) Aniline	6.534	93	16052	4.301	ng	98
8) 2-Chlorophenol	6.657	128	16053	5.094	ng	96
9) Benzaldehyde	6.422	77	14231	5.792	ng	100
10) Phenol	6.504	94	21576	5.040	ng	98
11) bis(2-Chloroethyl)ether	6.604	93	14911	4.861	ng	97
12) 1,3-Dichlorobenzene	6.816	146	19069	5.346	ng	98
13) 1,4-Dichlorobenzene	6.893	146	18785	5.262	ng	98
14) 1,2-Dichlorobenzene	7.045	146	18168	5.457	ng	98
15) Benzyl Alcohol	7.010	79	16238	5.486	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	25855	4.428	ng	98
17) 2-Methylphenol	7.122	107	12705	4.936	ng	99
18) Hexachloroethane	7.387	117	7153	5.610	ng	97
19) n-Nitroso-di-n-propyla...	7.275	70	12083	5.169	ng	91
20) 3+4-Methylphenols	7.275	107	17770	5.478	ng	# 82
22) Acetophenone	7.281	105	24740	5.463	ng	97
24) Nitrobenzene	7.451	77	20611	5.315	ng	96
25) Isophorone	7.692	82	31252	5.003	ng	99
26) 2-Nitrophenol	7.775	139	7259	4.766	ng	97
27) 2,4-Dimethylphenol	7.804	122	10241	4.714	ng	94
28) bis(2-Chloroethoxy)met...	7.904	93	18745	5.036	ng	98
29) 2,4-Dichlorophenol	8.010	162	13756	5.289	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	16468	5.544	ng	98
31) Naphthalene	8.181	128	49576	5.150	ng	99
32) Benzoic acid	7.857	122	7778	3.931	ng	96
33) 4-Chloroaniline	8.228	127	14598	4.380	ng	98
34) Hexachlorobutadiene	8.298	225	10851	5.764	ng	96
35) Caprolactam	8.551	113	4150	5.154	ng	97
36) 4-Chloro-3-methylphenol	8.698	107	14968	5.281	ng	96
37) 2-Methylnaphthalene	8.869	142	31958	5.306	ng	100
38) 1-Methylnaphthalene	8.969	142	31162	5.261	ng	98
40) 1,2,4,5-Tetrachloroben...	9.034	216	15812	5.298	ng	98
41) Hexachlorocyclopentadiene	9.022	237	5217	5.439	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	9966	5.103	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
 Data File : BF139346.D
 Acq On : 13 Sep 2024 15:00
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Quant Time: Sep 14 02:14:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:10:24 2024
 Response via : Initial Calibration

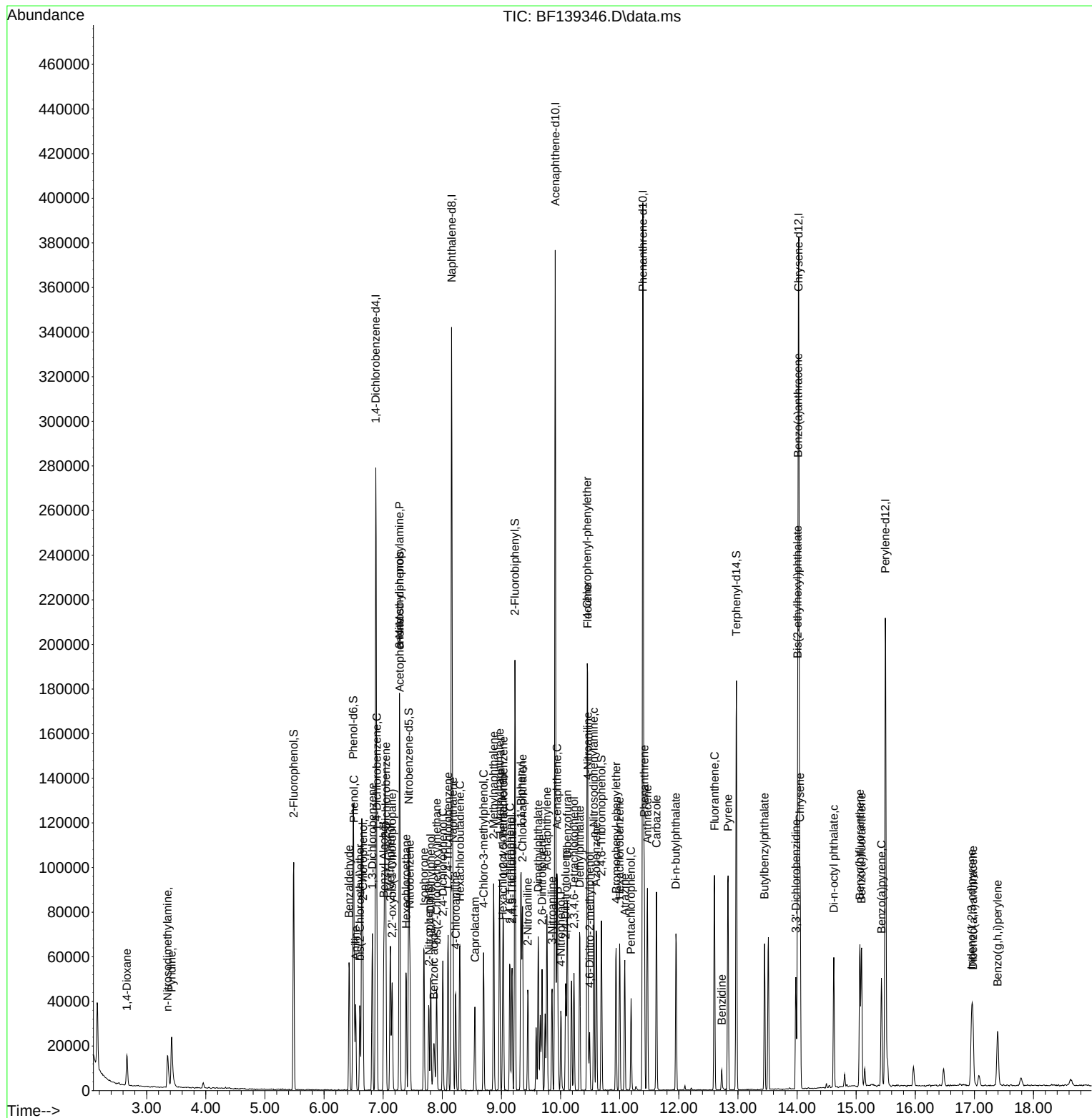
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	9970	4.872	ng	97
46) 1,1'-Biphenyl	9.334	154	42592	5.449	ng	97
47) 2-Chloronaphthalene	9.357	162	29802	5.050	ng	98
48) 2-Nitroaniline	9.445	65	10214	5.025	ng	91
49) Acenaphthylene	9.769	152	44722	5.031	ng	99
50) Dimethylphthalate	9.622	163	34763	5.437	ng	99
51) 2,6-Dinitrotoluene	9.686	165	6896	4.754	ng	86
52) Acenaphthene	9.939	154	31279	5.305	ng	99
53) 3-Nitroaniline	9.857	138	7356	4.760	ng	# 98
55) Dibenzofuran	10.116	168	44498	5.264	ng	98
56) 4-Nitrophenol	10.004	139	5945	5.212	ng	92
57) 2,4-Dinitrotoluene	10.086	165	9602	5.201	ng	97
58) Fluorene	10.457	166	36214	5.526	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	8352	5.185	ng	98
60) Diethylphthalate	10.322	149	35843	5.696	ng	98
61) 4-Chlorophenyl-phenyle...	10.451	204	17706	5.602	ng	96
62) 4-Nitroaniline	10.463	138	7998	5.437	ng	98
63) Azobenzene	10.604	77	35354	5.331	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	3819	4.053	ng	93
66) n-Nitrosodiphenylamine	10.563	169	29638	4.993	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	9712	4.908	ng	93
68) Hexachlorobenzene	10.998	284	11835	5.225	ng	98
69) Atrazine	11.086	200	8924	6.516	ng	94
70) Pentachlorophenol	11.192	266	6290	4.807	ng	97
71) Phenanthrene	11.416	178	50027	5.251	ng	99
72) Anthracene	11.469	178	48204	5.179	ng	98
73) Carbazole	11.622	167	47039	5.408	ng	99
74) Di-n-butylphthalate	11.951	149	47689	5.354	ng	99
75) Fluoranthene	12.604	202	56089	5.872	ng	99
77) Benzidine	12.727	184	6607	2.166	ng	96
78) Pyrene	12.833	202	58177	3.976	ng	99
80) Butylbenzylphthalate	13.451	149	19663	5.709	ng	95
81) Benzo(a)anthracene	14.016	228	50501	5.221	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	14703	5.724	ng	97
83) Chrysene	14.051	228	47410	5.252	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	26039	6.441	ng	99
85) Di-n-octyl phthalate	14.621	149	36708	4.742	ng	97
87) Indeno(1,2,3-cd)pyrene	16.951	276	29213	3.790	ng	99
88) Benzo(b)fluoranthene	15.063	252	39600	5.573	ng	100
89) Benzo(k)fluoranthene	15.092	252	37654	5.910	ng	99
90) Benzo(a)pyrene	15.427	252	30914	5.124	ng	99
91) Dibenzo(a,h)anthracene	16.974	278	23740	3.738	ng	98
92) Benzo(g,h,i)perylene	17.392	276	24841	3.789	ng	98

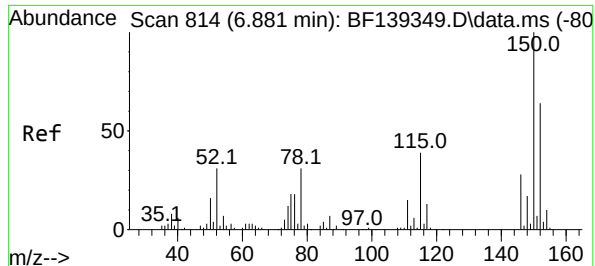
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
 Data File : BF139346.D
 Acq On : 13 Sep 2024 15:00
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

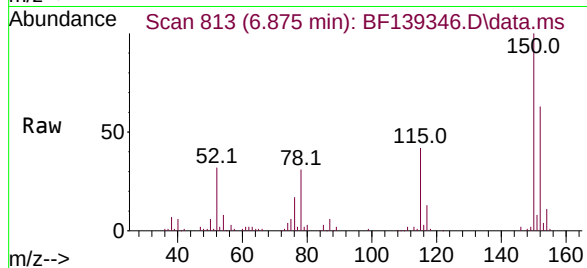
Quant Time: Sep 14 02:14:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:10:24 2024
 Response via : Initial Calibration



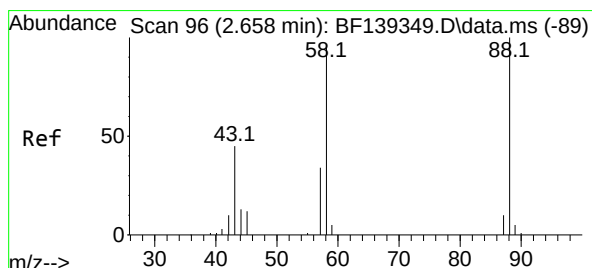
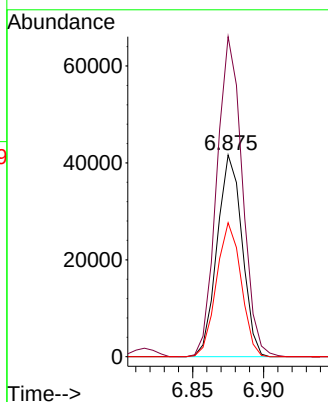
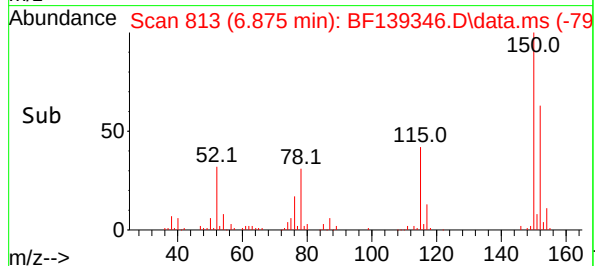


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDIC005

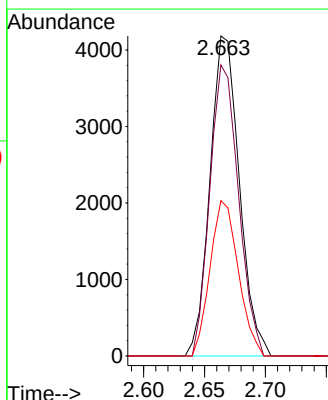
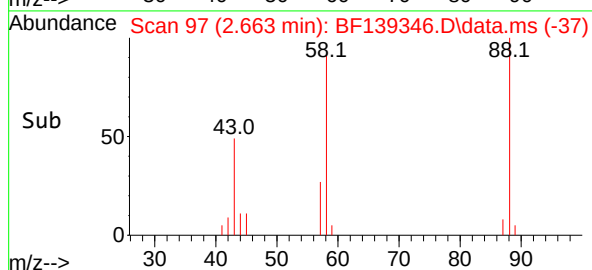
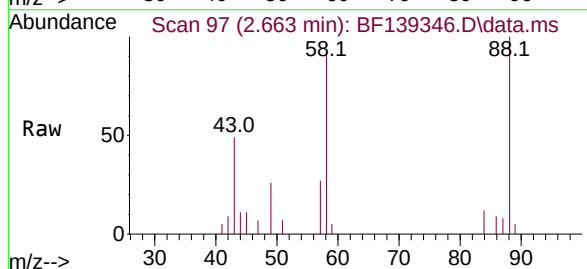


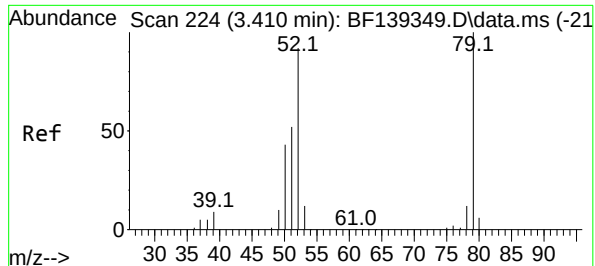
Tgt Ion:152 Resp: 50863
Ion Ratio Lower Upper
152 100
150 158.6 124.1 186.1
115 66.4 48.1 72.1



#2
1,4-Dioxane
Concen: 4.969 ng
RT: 2.663 min Scan# 97
Delta R.T. 0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion: 88 Resp: 7035
Ion Ratio Lower Upper
88 100
58 88.5 74.8 112.2
43 46.7 36.4 54.6





#3

Pyridine

Concen: 4.033 ng

RT: 3.422 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

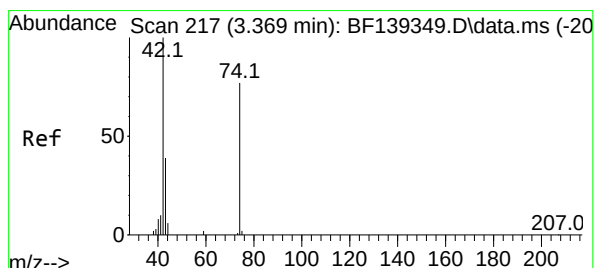
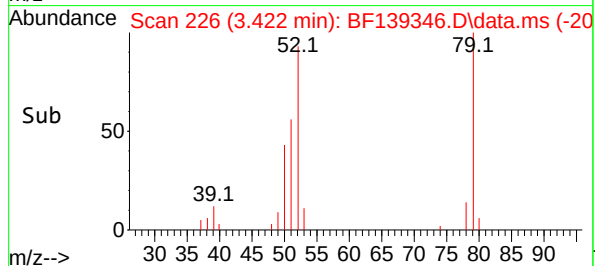
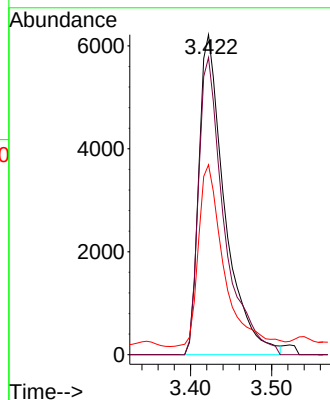
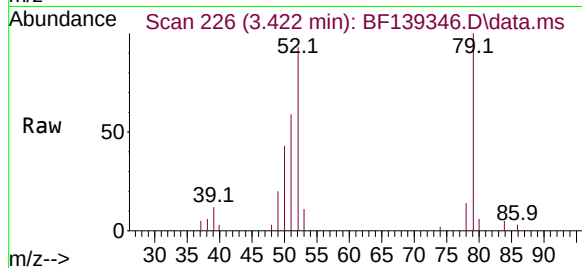
BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion: 79 Resp: 13785

Ion	Ratio	Lower	Upper
79	100		
52	92.8	73.8	110.8
51	59.4	41.8	62.6



#4

n-Nitrosodimethylamine

Concen: 5.364 ng

RT: 3.352 min Scan# 214

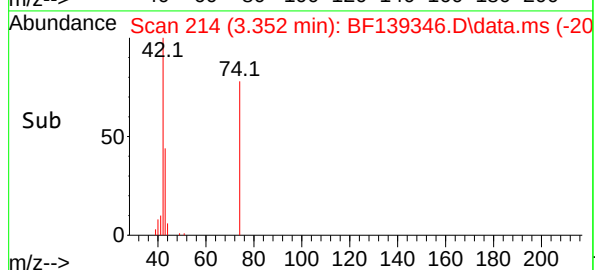
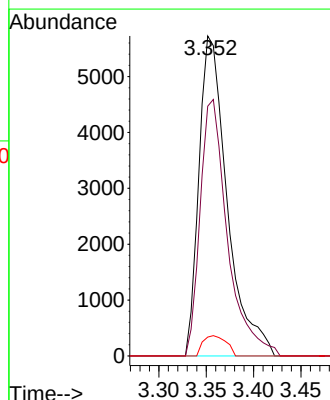
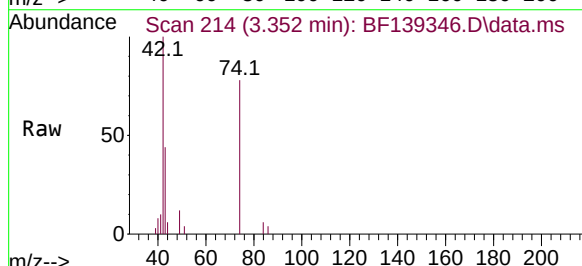
Delta R.T. -0.018 min

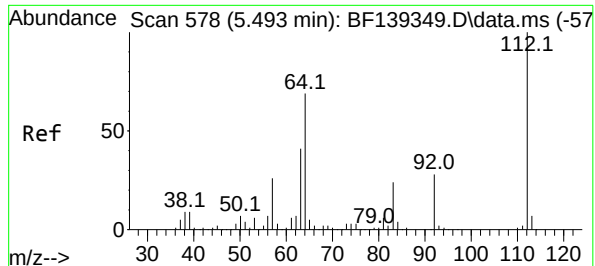
Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Tgt Ion: 42 Resp: 11905

Ion	Ratio	Lower	Upper
42	100		
74	78.1	61.8	92.8
44	5.9	4.8	7.2

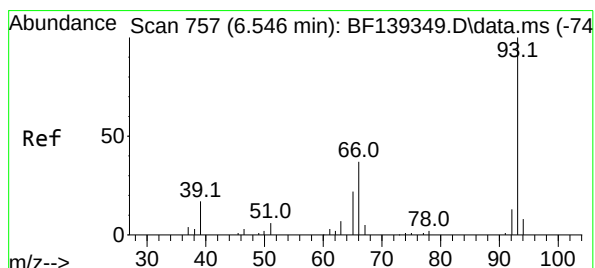
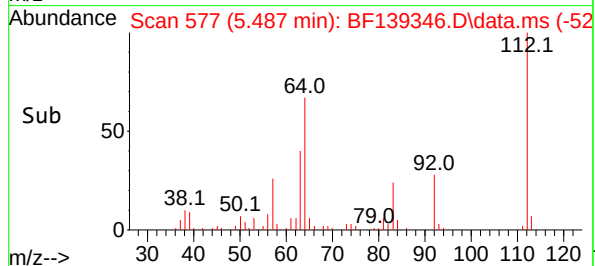
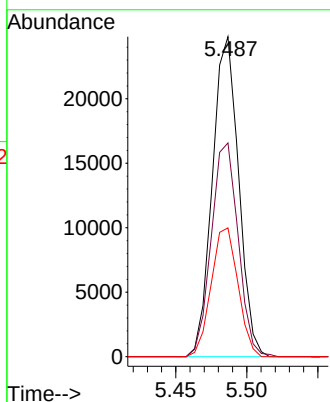
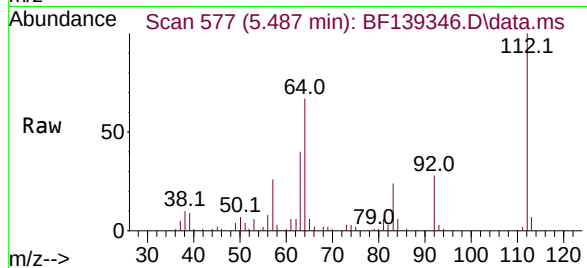




#5
2-Fluorophenol
Concen: 10.497 ng
RT: 5.487 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

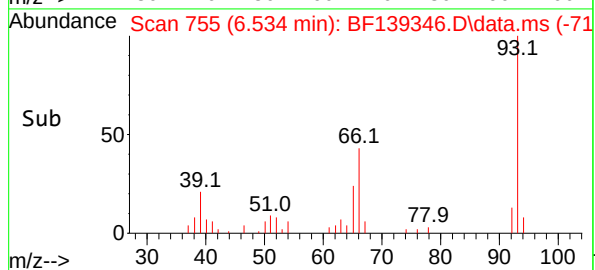
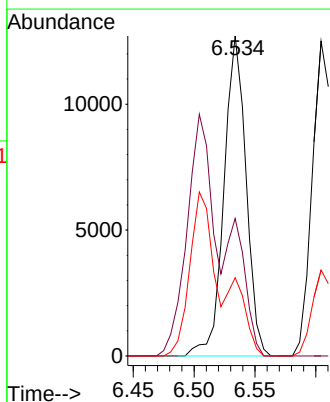
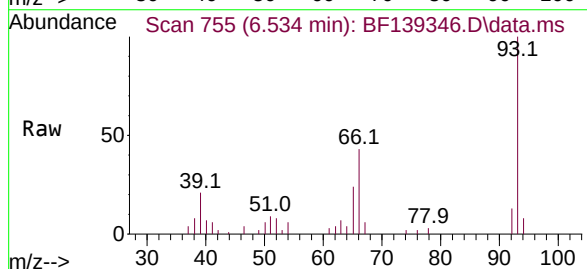
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

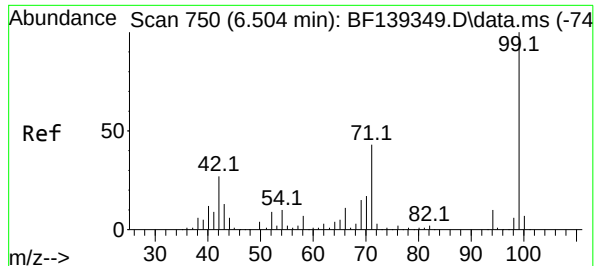
Tgt Ion:112 Resp: 31915
Ion Ratio Lower Upper
112 100
64 66.8 54.8 82.2
63 40.2 33.0 49.4



#6
Aniline
Concen: 4.301 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.035 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion: 93 Resp: 16052
Ion Ratio Lower Upper
93 100
66 43.0 35.4 53.0
65 24.4 18.2 27.4





#7

Phenol-d6

Concen: 10.251 ng

RT: 6.493 min Scan# 74

Delta R.T. -0.012 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

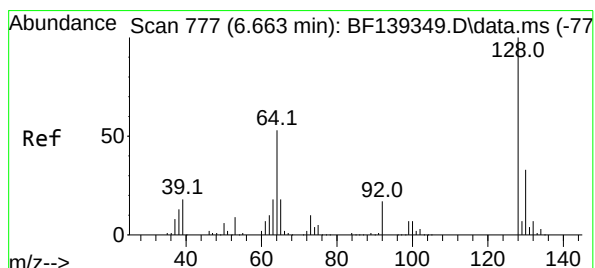
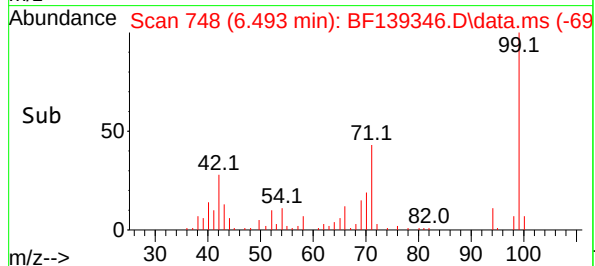
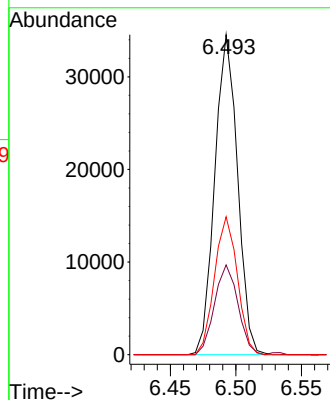
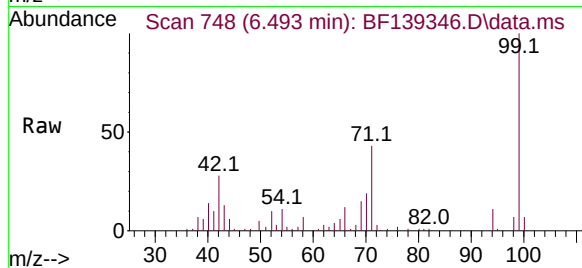
Tgt Ion: 99 Resp: 41610

Ion Ratio Lower Upper

99 100

42 28.1 21.9 32.9

71 43.1 34.6 52.0



#8

2-Chlorophenol

Concen: 5.094 ng

RT: 6.657 min Scan# 776

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

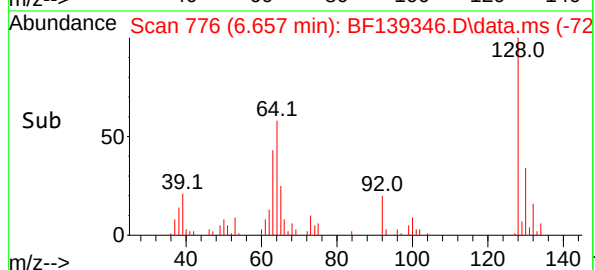
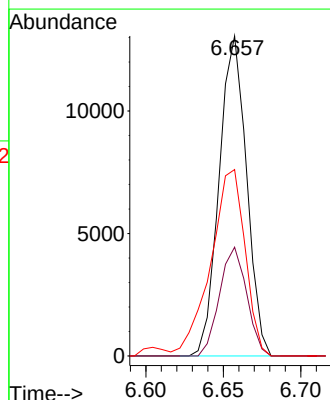
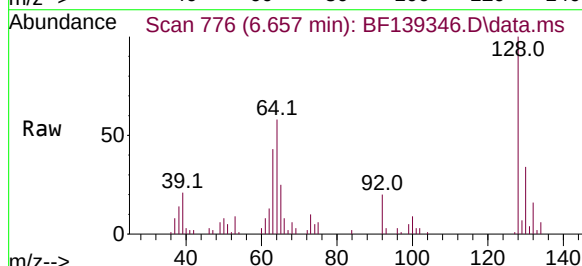
Tgt Ion:128 Resp: 16053

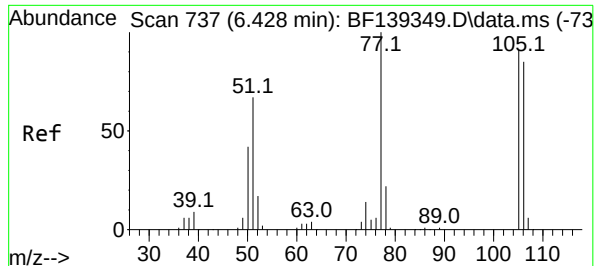
Ion Ratio Lower Upper

128 100

130 34.0 12.8 52.8

64 58.2 35.1 75.1





#9

Benzaldehyde

Concen: 5.792 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

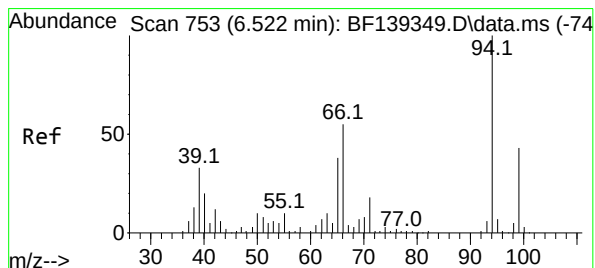
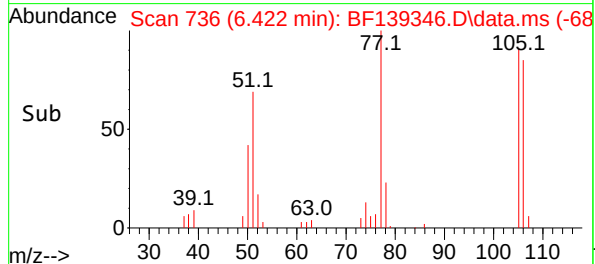
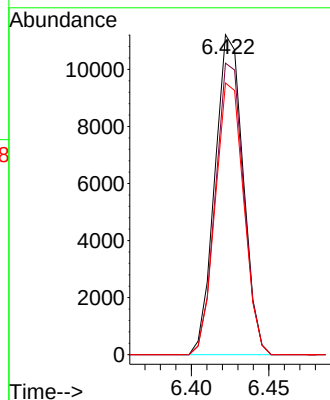
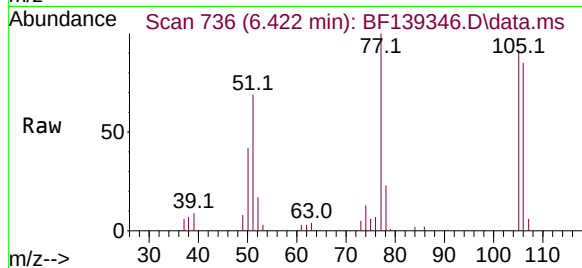
Tgt Ion: 77 Resp: 14231

Ion Ratio Lower Upper

77 100

105 91.1 71.0 111.0

106 84.9 64.9 104.9



#10

Phenol

Concen: 5.040 ng

RT: 6.504 min Scan# 750

Delta R.T. -0.018 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

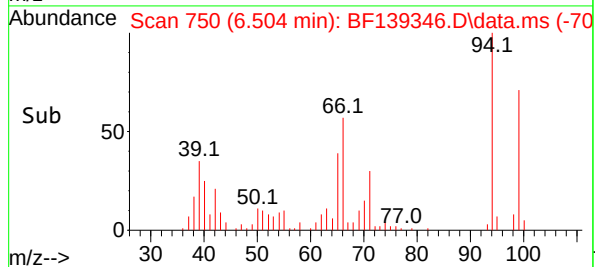
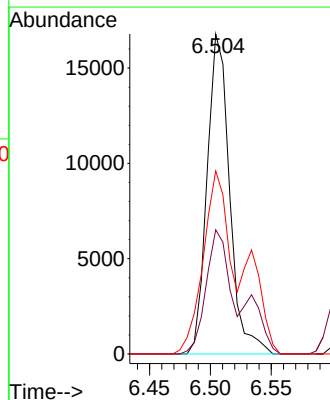
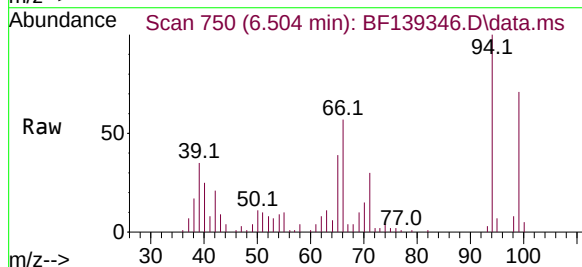
Tgt Ion: 94 Resp: 21576

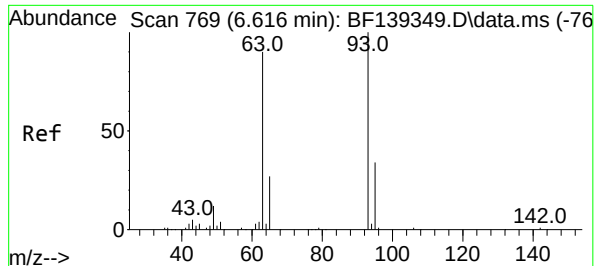
Ion Ratio Lower Upper

94 100

65 38.8 17.6 57.6

66 57.2 35.2 75.2





#11

bis(2-Chloroethyl)ether

Concen: 4.861 ng

RT: 6.604 min Scan# 767

Delta R.T. -0.012 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

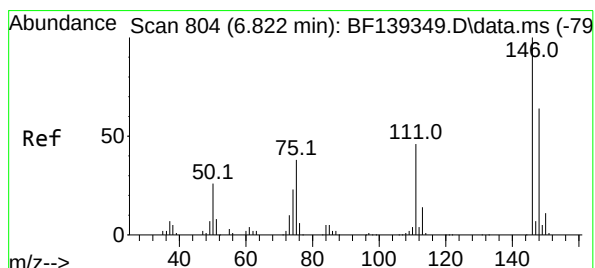
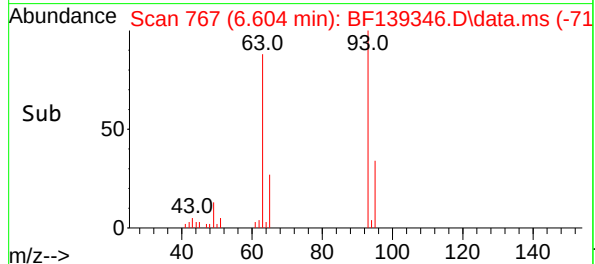
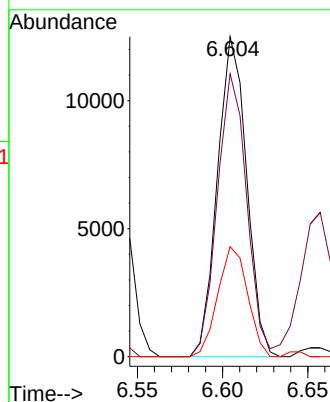
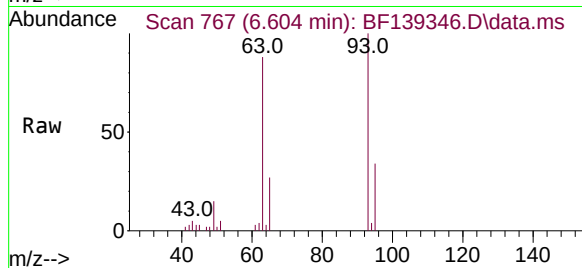
Tgt Ion: 93 Resp: 14911

Ion Ratio Lower Upper

93 100

63 88.4 65.3 105.3

95 34.4 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 5.346 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

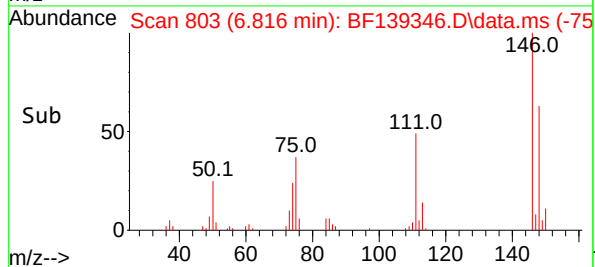
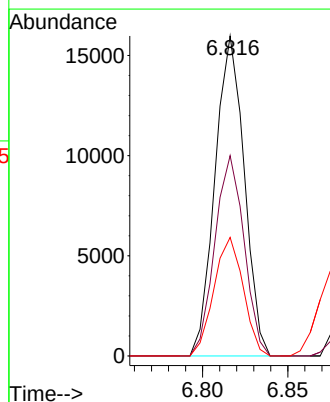
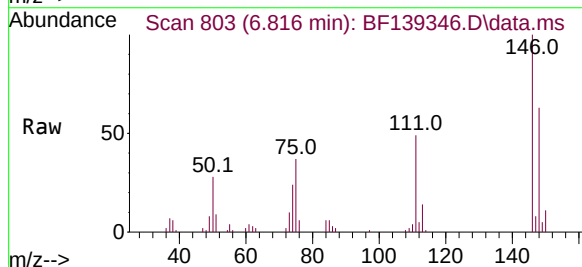
Tgt Ion:146 Resp: 19069

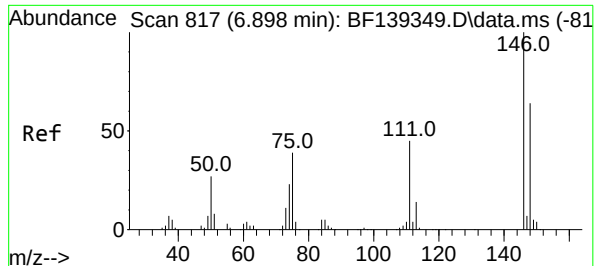
Ion Ratio Lower Upper

146 100

148 62.6 51.2 76.8

75 37.0 30.6 46.0





#13

1,4-Dichlorobenzene

Concen: 5.262 ng

RT: 6.893 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

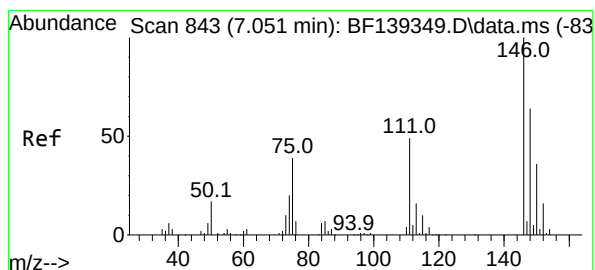
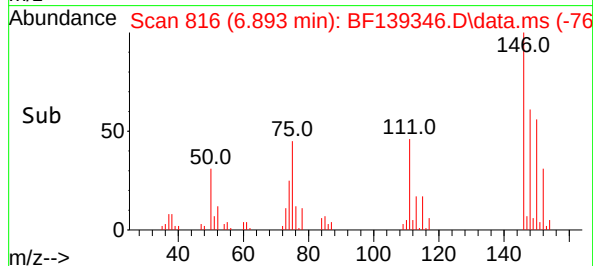
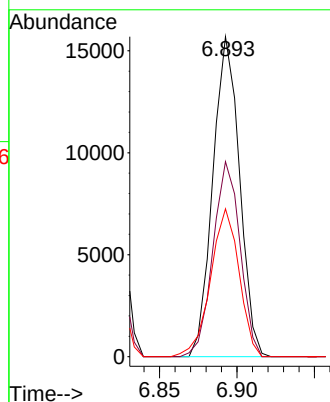
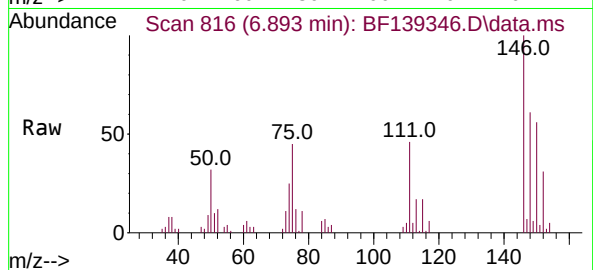
Tgt Ion:146 Resp: 18785

Ion Ratio Lower Upper

146 100

148 61.0 50.9 76.3

111 46.2 36.3 54.5



#14

1,2-Dichlorobenzene

Concen: 5.457 ng

RT: 7.045 min Scan# 842

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

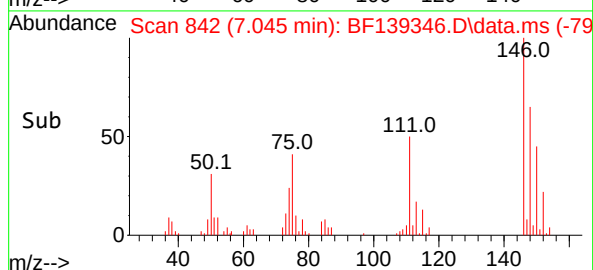
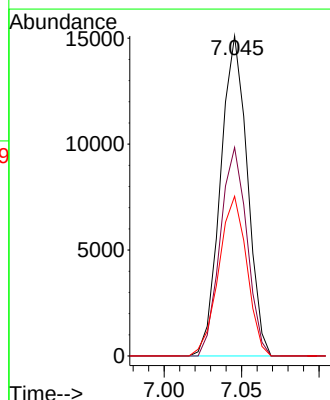
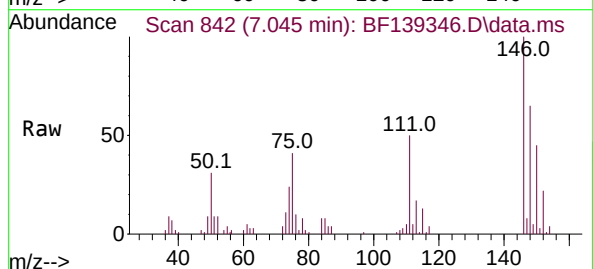
Tgt Ion:146 Resp: 18168

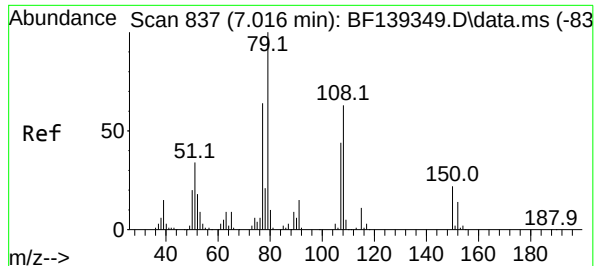
Ion Ratio Lower Upper

146 100

148 65.1 50.9 76.3

111 49.9 38.9 58.3





#15

Benzyl Alcohol

Concen: 5.486 ng

RT: 7.010 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

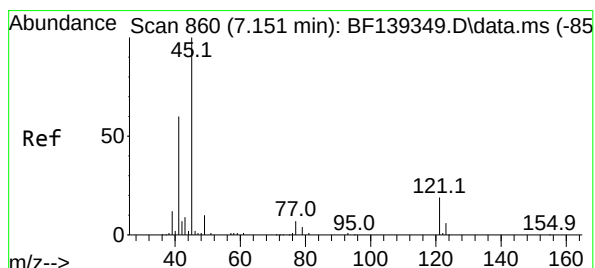
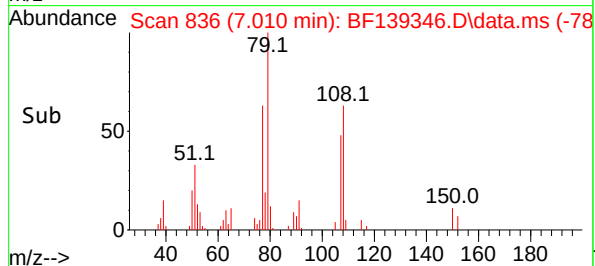
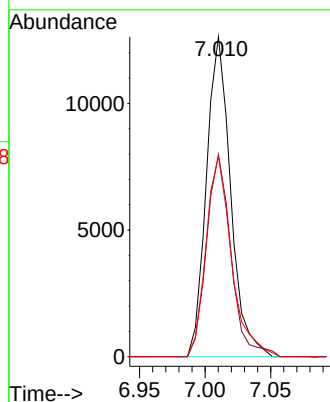
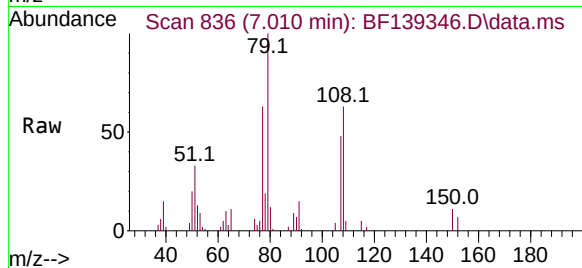
Tgt Ion: 79 Resp: 16238

Ion Ratio Lower Upper

79 100

108 63.1 50.4 75.6

77 62.7 51.4 77.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 4.428 ng

RT: 7.151 min Scan# 860

Delta R.T. -0.000 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

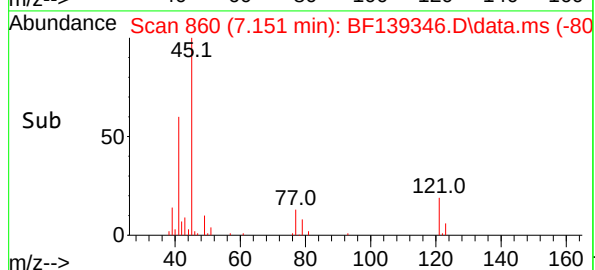
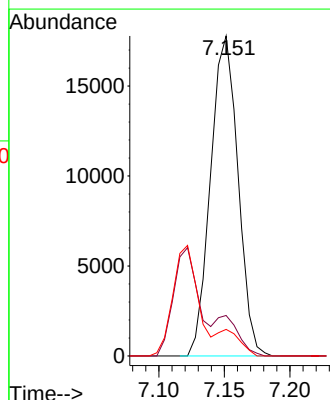
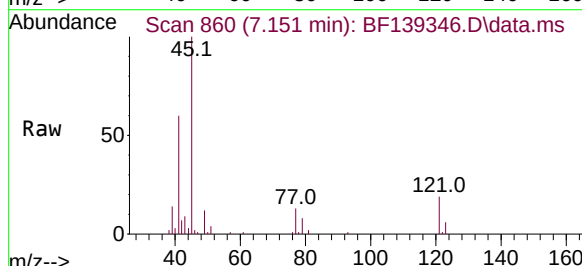
Tgt Ion: 45 Resp: 25855

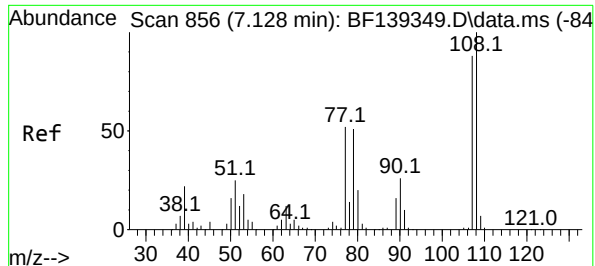
Ion Ratio Lower Upper

45 100

77 12.7 0.0 32.0

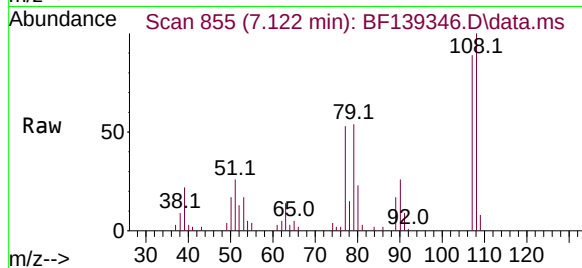
79 8.3 0.0 29.1



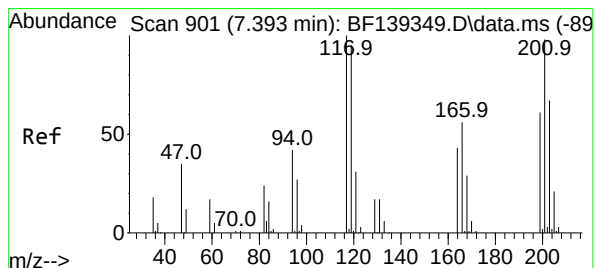
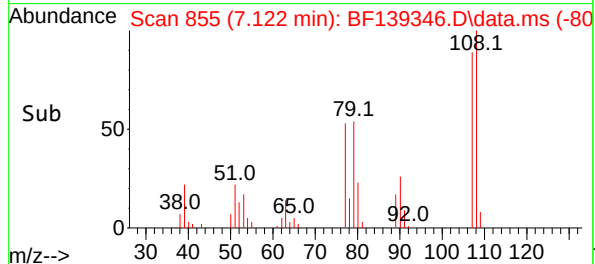
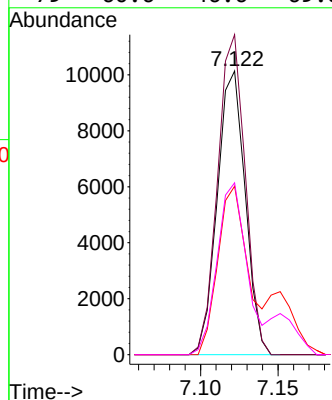


#17
2-Methylphenol
Concen: 4.936 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

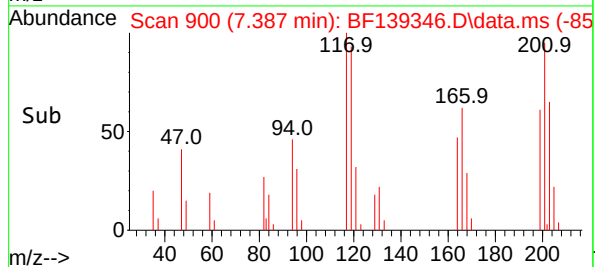
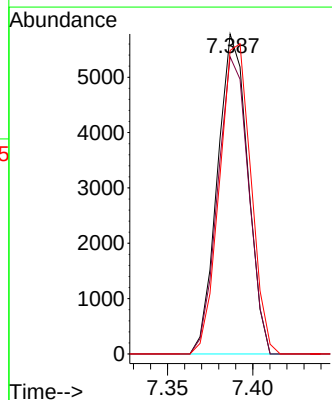
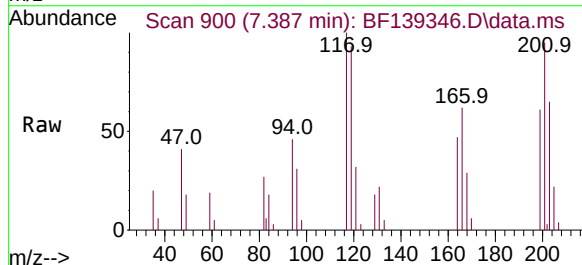


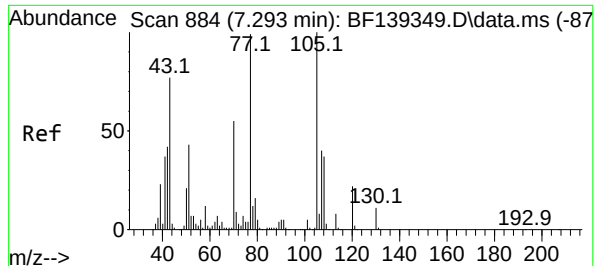
Tgt Ion:107 Resp: 12705
Ion Ratio Lower Upper
107 100
108 112.8 90.5 135.7
77 59.4 47.1 70.7
79 60.6 46.6 69.8



#18
Hexachloroethane
Concen: 5.610 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion:117 Resp: 7153
Ion Ratio Lower Upper
117 100
119 92.9 75.8 113.8
201 94.8 78.6 118.0





#19

n-Nitroso-di-n-propylamine

Concen: 5.169 ng

RT: 7.275 min Scan# 881

Delta R.T. -0.018 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion: 70 Resp: 12083

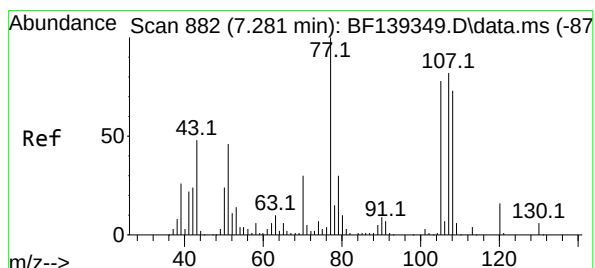
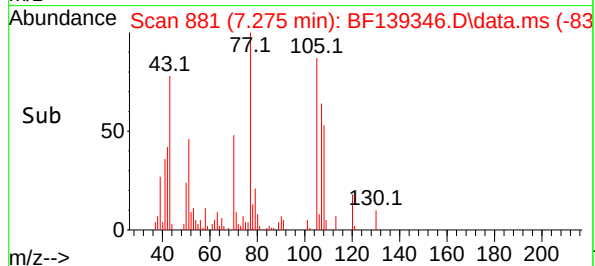
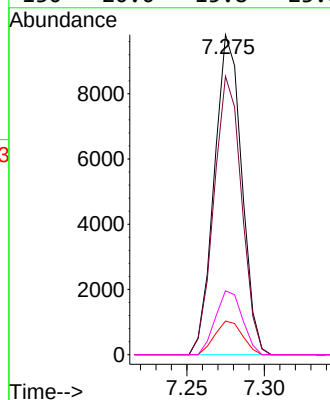
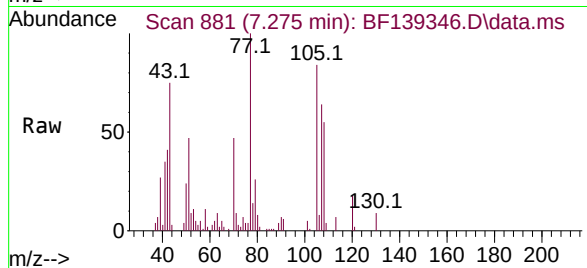
Ion Ratio Lower Upper

70 100

42 87.1 61.2 91.8

101 10.5 7.5 11.3

130 20.0 15.8 23.8



#20

3+4-Methylphenols

Concen: 5.478 ng

RT: 7.275 min Scan# 881

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Tgt Ion: 107 Resp: 17770

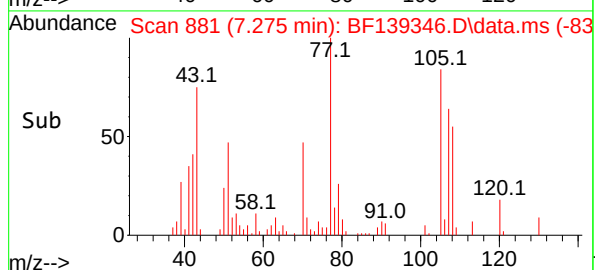
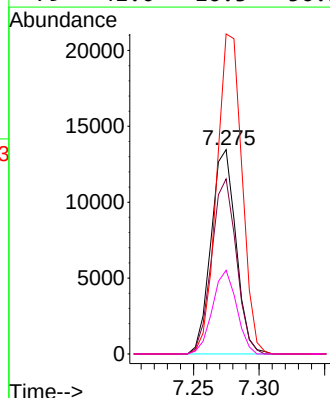
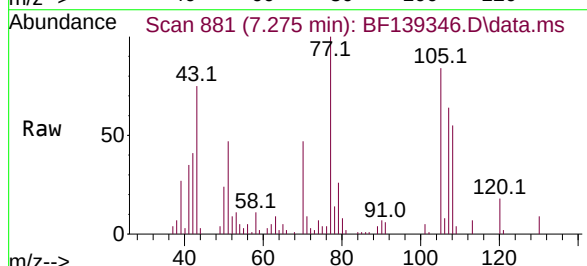
Ion Ratio Lower Upper

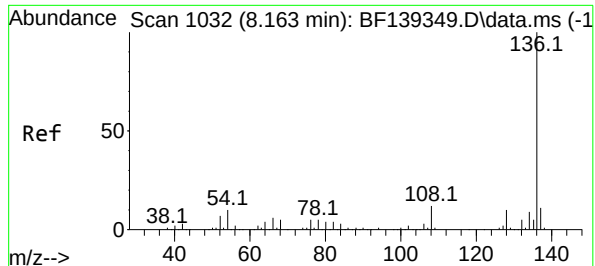
107 100

108 85.7 68.6 108.6

77 156.6 101.6 141.6#

79 41.0 16.3 56.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139346.D

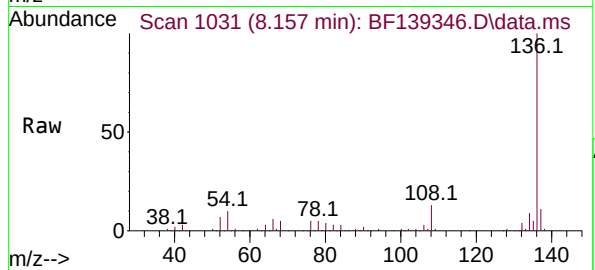
Acq: 13 Sep 2024 15:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion:136 Resp: 190085

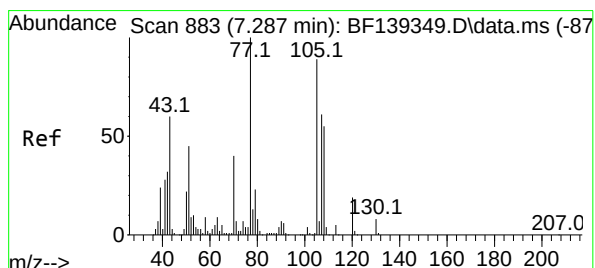
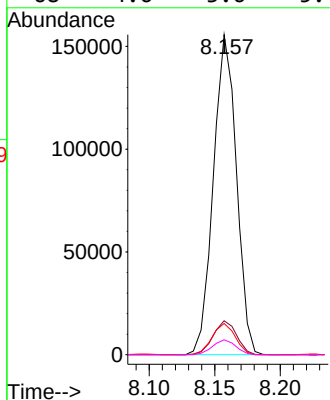
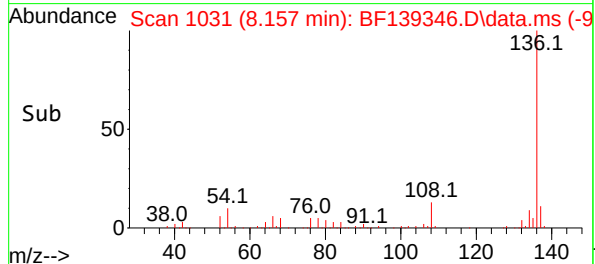
Ion Ratio Lower Upper

136 100

137 10.6 8.6 12.8

54 9.7 7.8 11.8

68 4.6 3.6 5.4



#22

Acetophenone

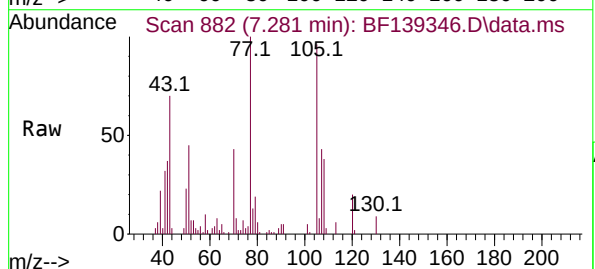
Concen: 5.463 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00



Tgt Ion:105 Resp: 24740

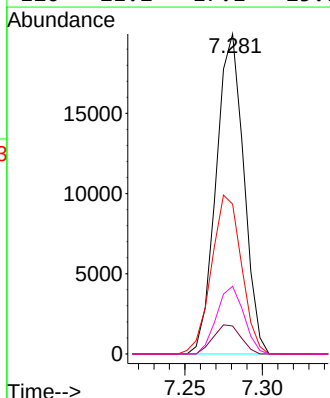
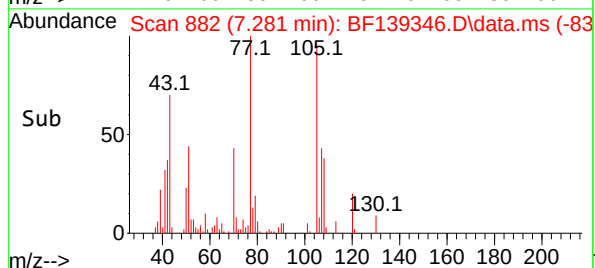
Ion Ratio Lower Upper

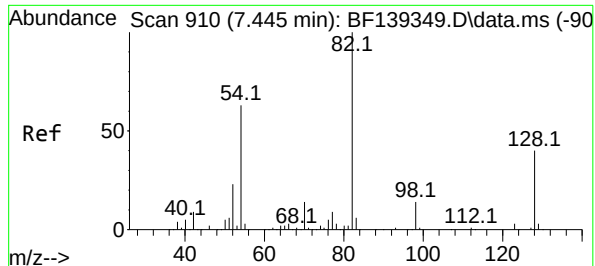
105 100

71 8.7 5.9 8.9

51 46.9 40.0 60.0

120 21.2 17.1 25.7





#23

Nitrobenzene-d5

Concen: 10.642 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

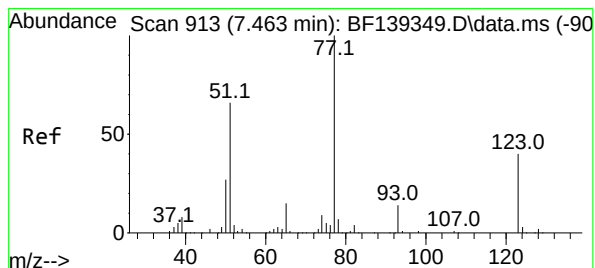
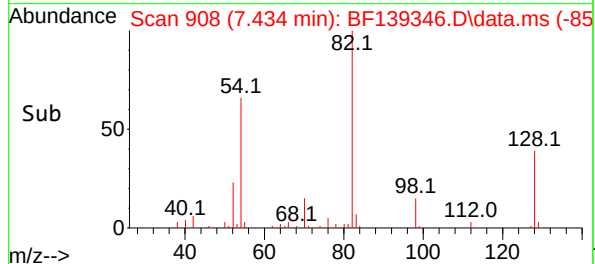
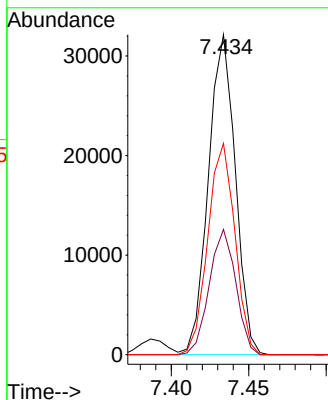
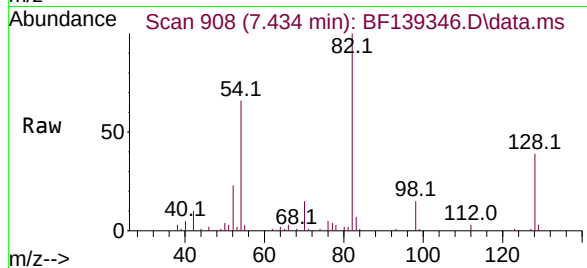
Tgt Ion: 82 Resp: 38883

Ion Ratio Lower Upper

82 100

128 39.1 31.8 47.6

54 66.1 50.6 75.8



#24

Nitrobenzene

Concen: 5.315 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

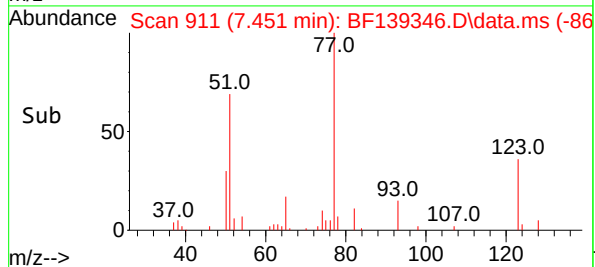
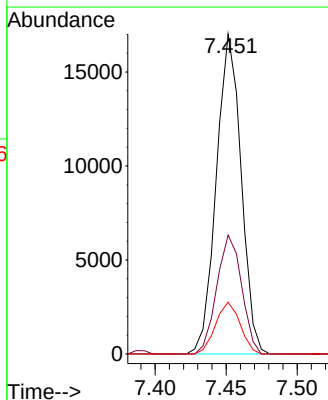
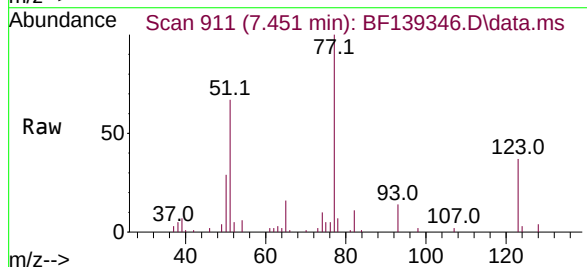
Tgt Ion: 77 Resp: 20611

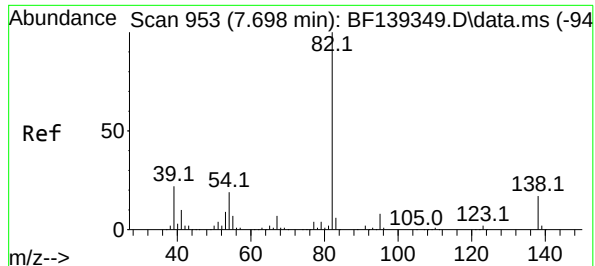
Ion Ratio Lower Upper

77 100

123 37.1 32.2 48.4

65 16.2 12.2 18.4





#25

Isophorone

Concen: 5.003 ng

RT: 7.692 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

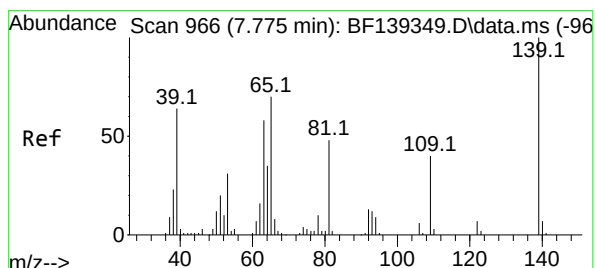
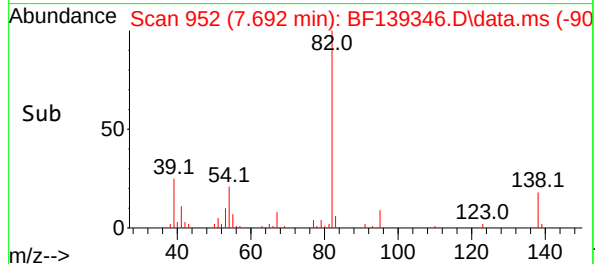
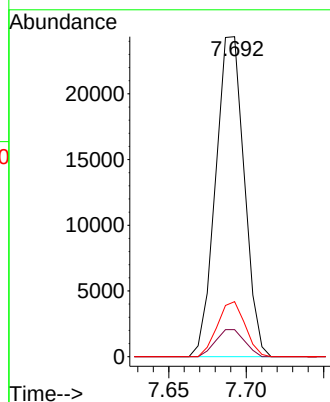
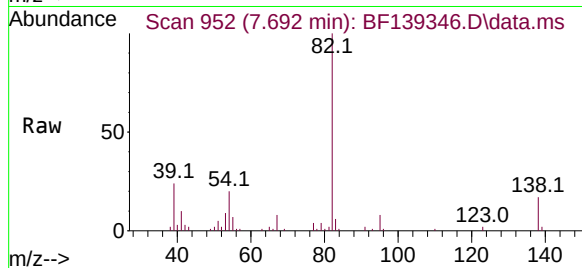
Tgt Ion: 82 Resp: 31252

Ion Ratio Lower Upper

82 100

95 8.4 6.7 10.1

138 17.2 13.3 19.9



#26

2-Nitrophenol

Concen: 4.766 ng

RT: 7.775 min Scan# 966

Delta R.T. -0.000 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

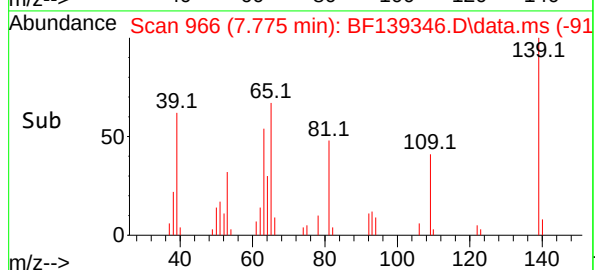
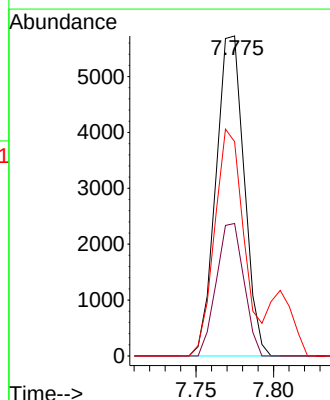
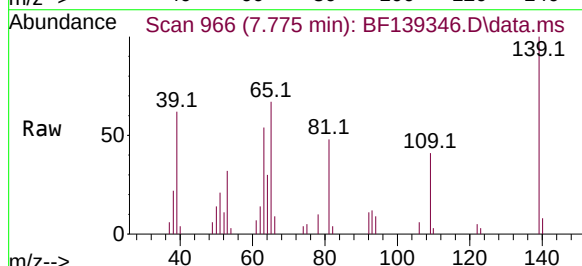
Tgt Ion:139 Resp: 7259

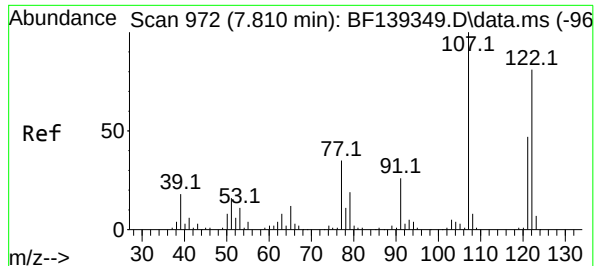
Ion Ratio Lower Upper

139 100

109 41.4 32.2 48.2

65 67.0 55.8 83.8





#27

2,4-Dimethylphenol

Concen: 4.714 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

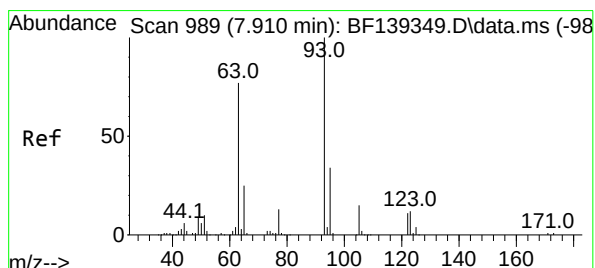
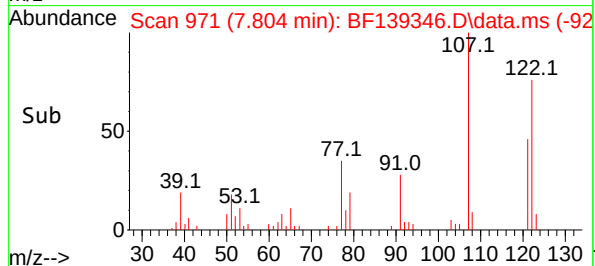
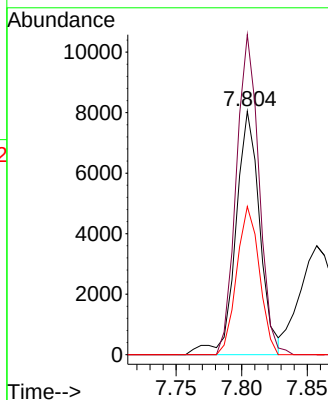
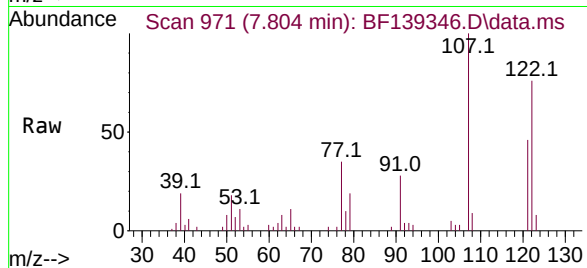
Tgt Ion:122 Resp: 10241

Ion Ratio Lower Upper

122 100

107 131.5 99.1 148.7

121 60.9 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 5.036 ng

RT: 7.904 min Scan# 988

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

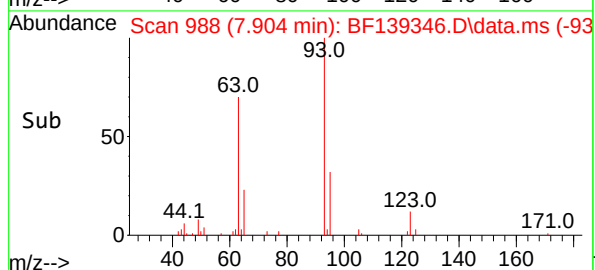
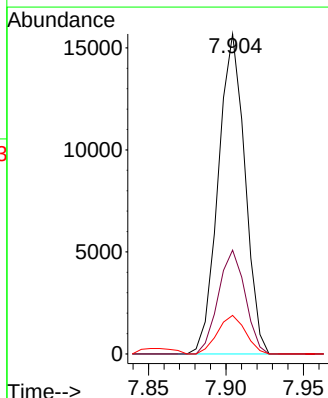
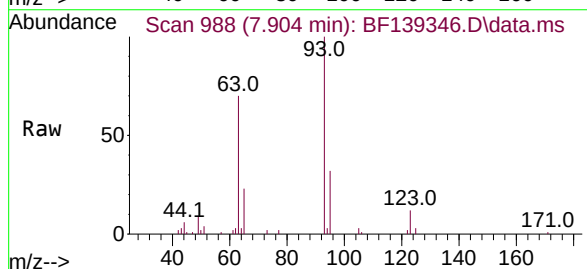
Tgt Ion: 93 Resp: 18745

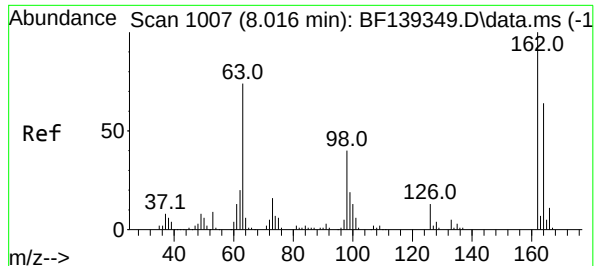
Ion Ratio Lower Upper

93 100

95 32.4 26.9 40.3

123 12.1 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 5.289 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

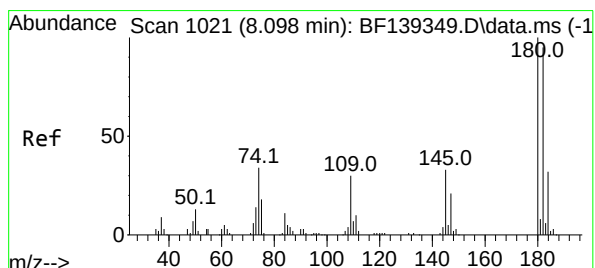
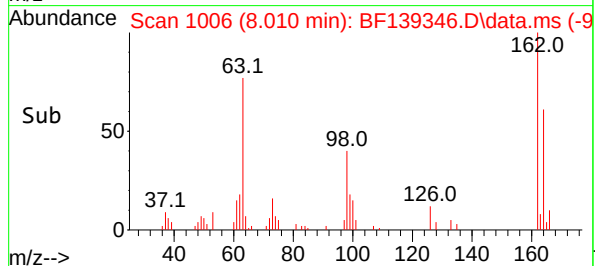
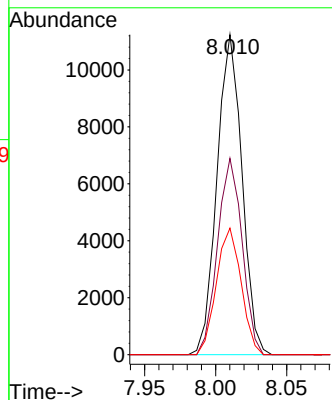
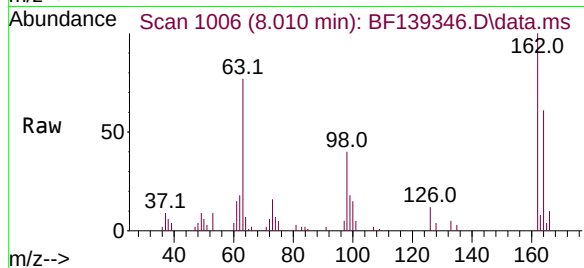
Tgt Ion:162 Resp: 13756

Ion Ratio Lower Upper

162 100

164 61.3 43.6 83.6

98 39.6 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 5.544 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

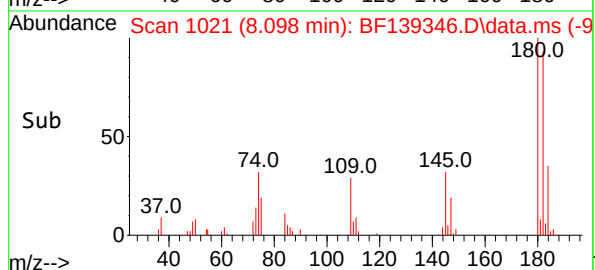
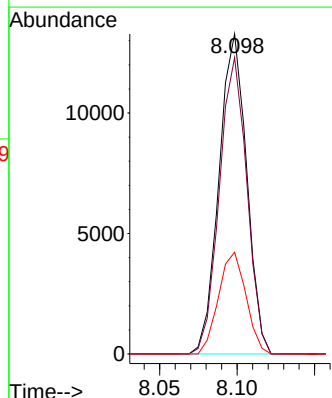
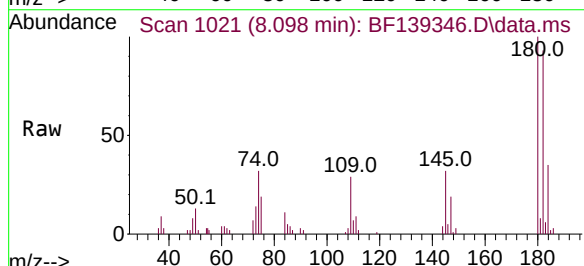
Tgt Ion:180 Resp: 16468

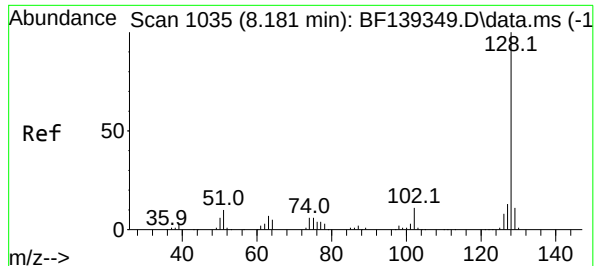
Ion Ratio Lower Upper

180 100

182 92.6 75.7 113.5

145 31.8 26.5 39.7





#31

Naphthalene

Concen: 5.150 ng

RT: 8.181 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

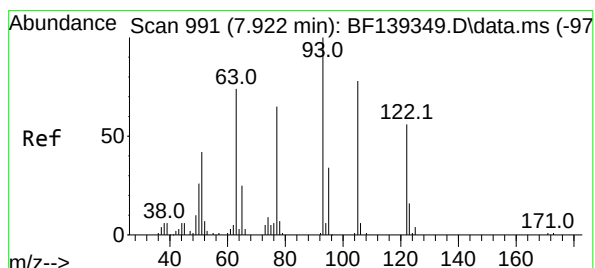
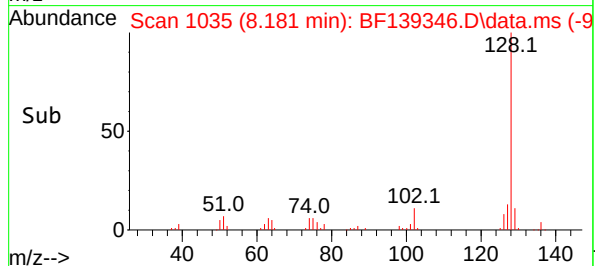
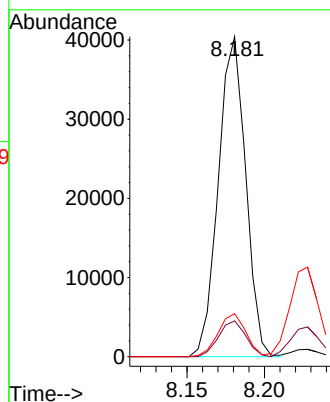
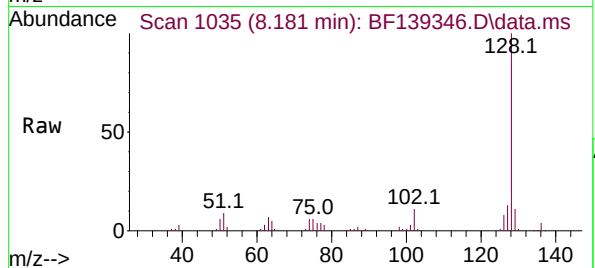
Tgt Ion:128 Resp: 49576

Ion Ratio Lower Upper

128 100

129 11.2 8.6 13.0

127 13.4 10.6 16.0



#32

Benzoic acid

Concen: 3.931 ng

RT: 7.857 min Scan# 980

Delta R.T. -0.065 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

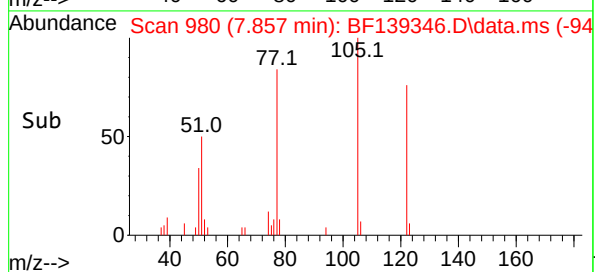
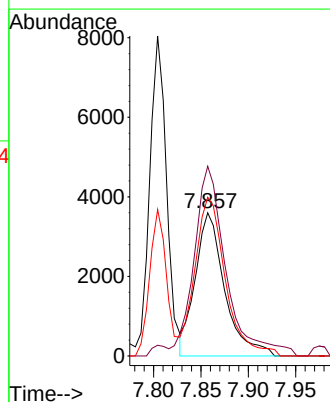
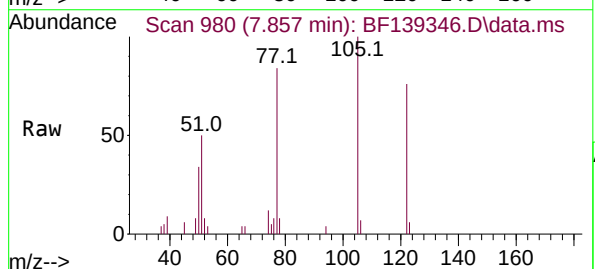
Tgt Ion:122 Resp: 7778

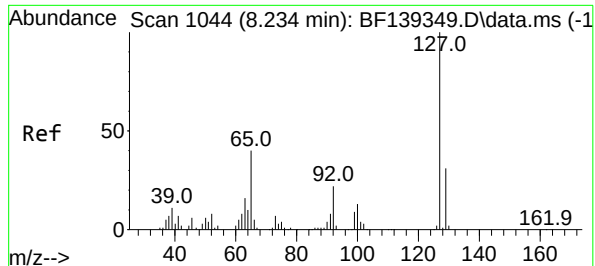
Ion Ratio Lower Upper

122 100

105 132.4 117.1 157.1

77 110.8 95.4 135.4





#33

4-Chloroaniline

Concen: 4.380 ng

RT: 8.228 min Scan# 1043

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:127 Resp: 14598

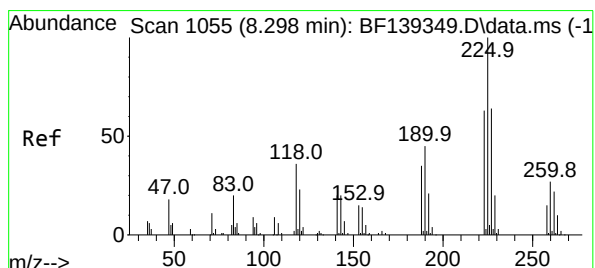
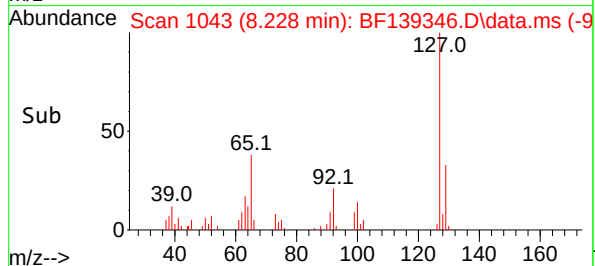
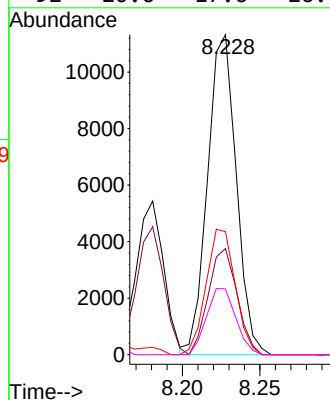
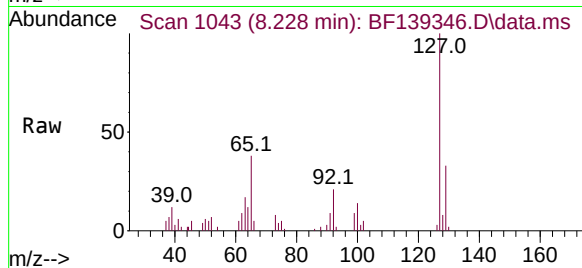
Ion Ratio Lower Upper

127 100

129 33.2 25.5 38.3

65 38.5 31.5 47.3

92 20.6 17.6 26.4



#34

Hexachlorobutadiene

Concen: 5.764 ng

RT: 8.298 min Scan# 1055

Delta R.T. -0.000 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

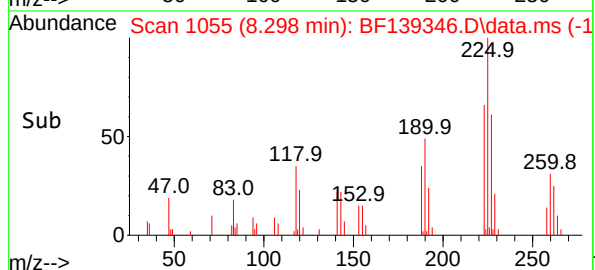
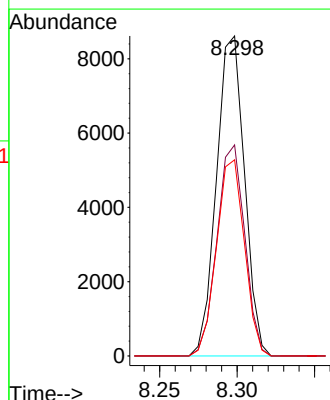
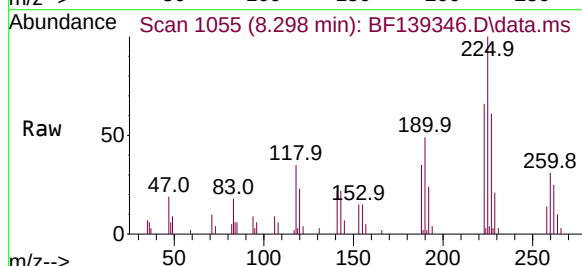
Tgt Ion:225 Resp: 10851

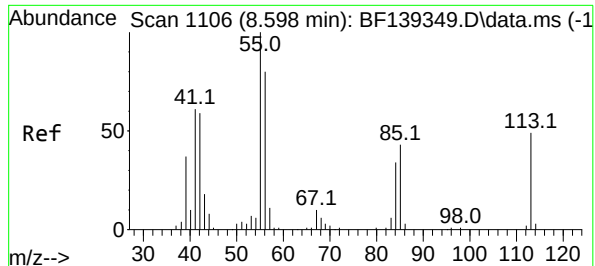
Ion Ratio Lower Upper

225 100

223 66.0 50.1 75.1

227 61.3 51.0 76.6

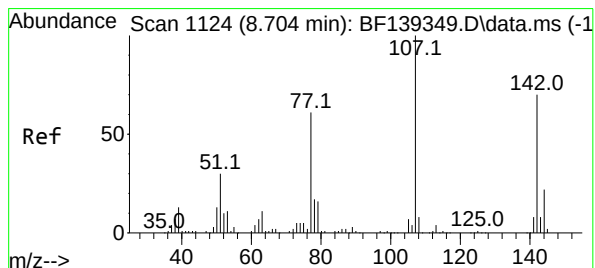
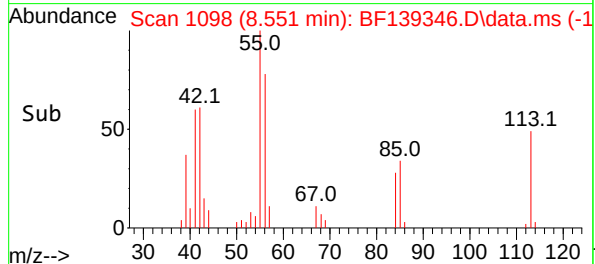
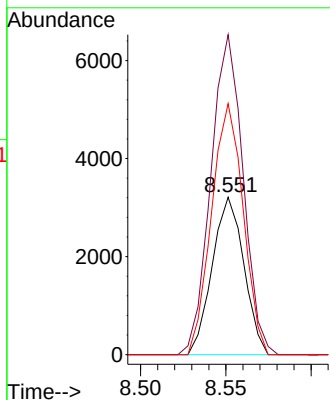
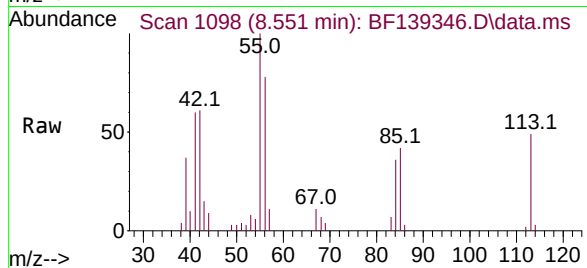




#35
Caprolactam
Concen: 5.154 ng
RT: 8.551 min Scan# 1106
Delta R.T. -0.047 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

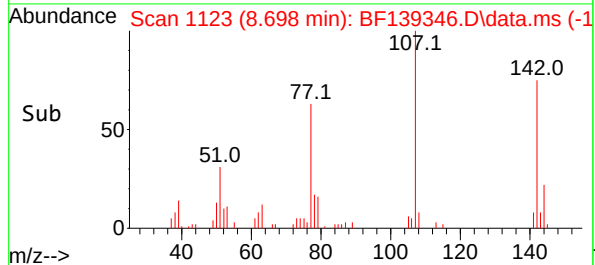
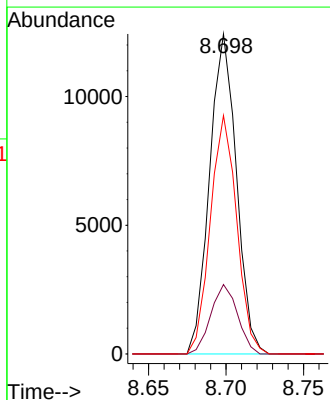
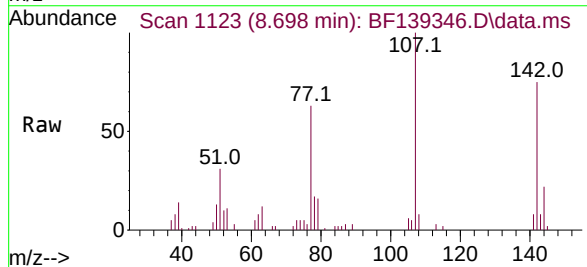
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

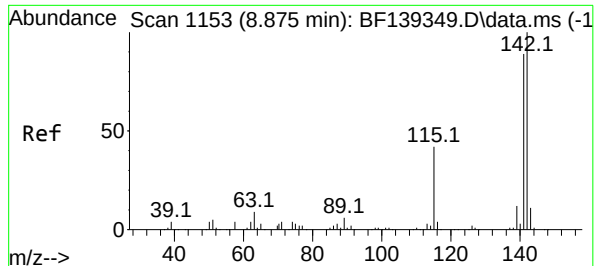
Tgt Ion:113 Resp: 4150
Ion Ratio Lower Upper
113 100
55 203.3 186.1 226.1
56 159.4 144.9 184.9



#36
4-Chloro-3-methylphenol
Concen: 5.281 ng
RT: 8.698 min Scan# 1123
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion:107 Resp: 14968
Ion Ratio Lower Upper
107 100
144 21.7 17.5 26.3
142 74.5 55.8 83.8





#37

2-Methylnaphthalene

Concen: 5.306 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA_F

ClientSampleId :

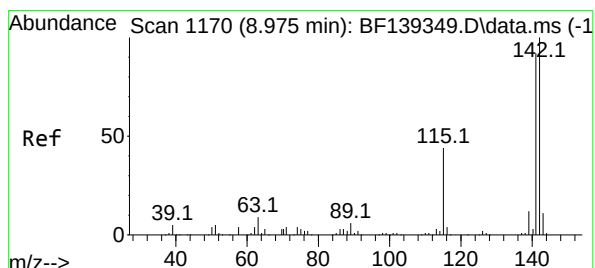
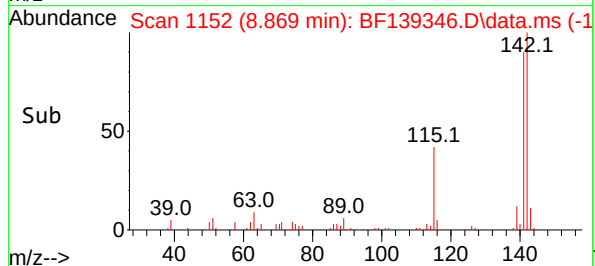
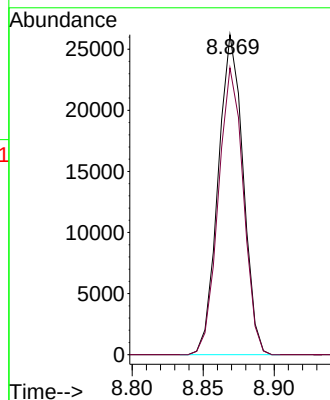
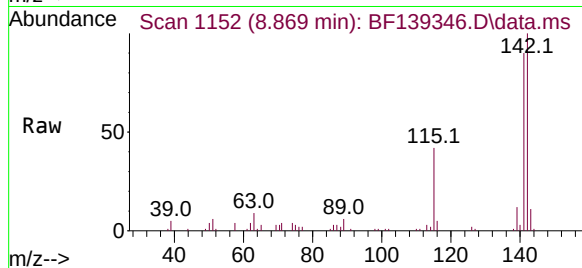
SSTDICC005

Tgt Ion:142 Resp: 31958

Ion Ratio Lower Upper

142 100

141 89.7 71.6 107.4



#38

1-Methylnaphthalene

Concen: 5.261 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF139346.D

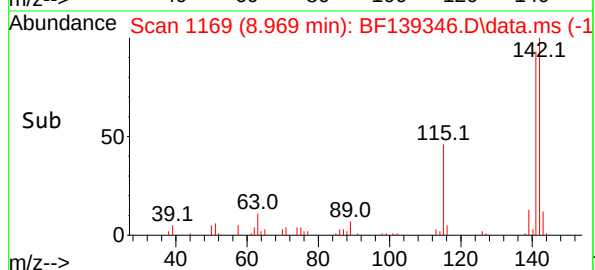
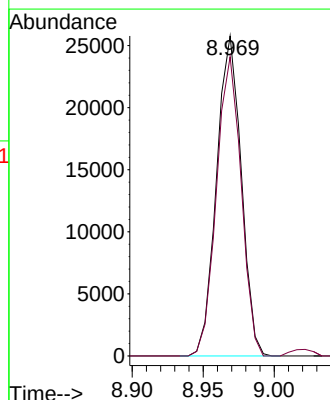
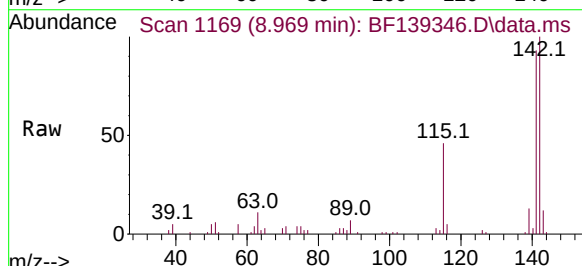
Acq: 13 Sep 2024 15:00

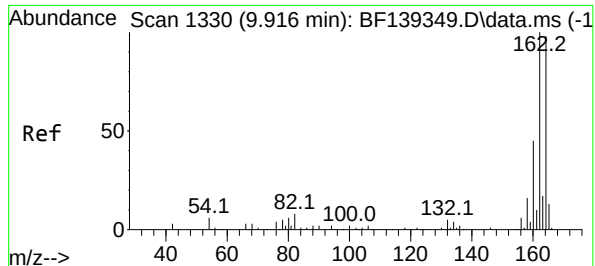
Tgt Ion:142 Resp: 31162

Ion Ratio Lower Upper

142 100

141 93.5 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

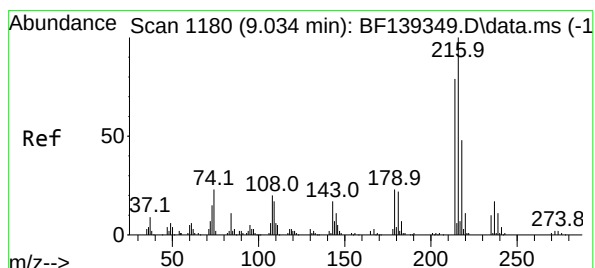
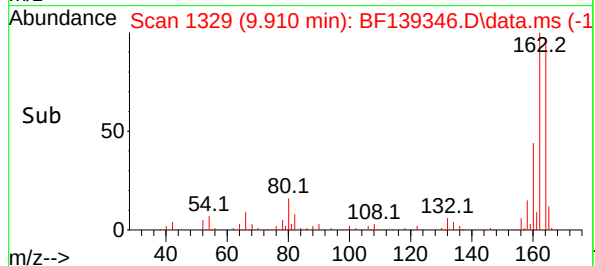
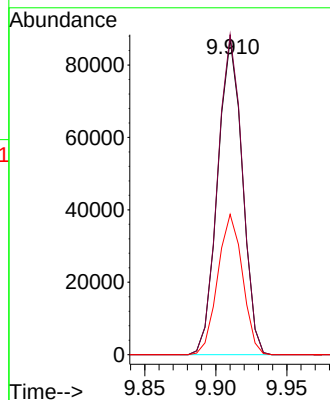
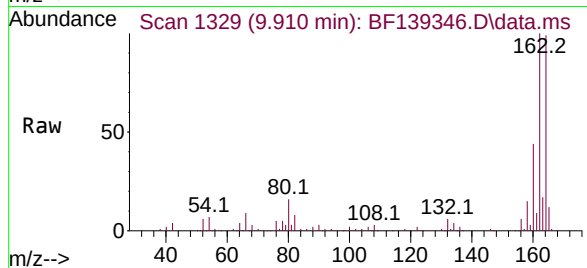
Tgt Ion:164 Resp: 105494

Ion Ratio Lower Upper

164 100

162 101.5 81.3 121.9

160 44.5 36.4 54.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.298 ng

RT: 9.034 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Tgt Ion:216 Resp: 15812

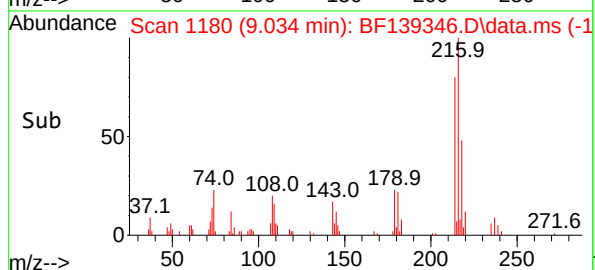
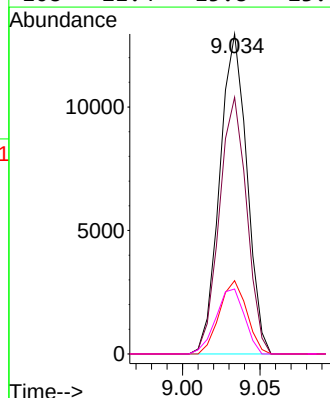
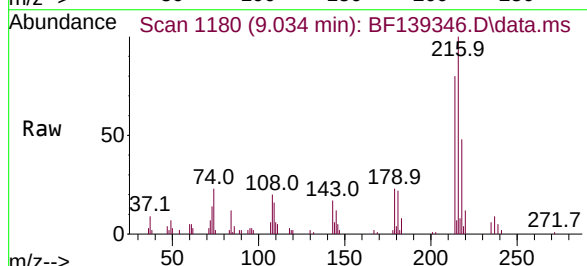
Ion Ratio Lower Upper

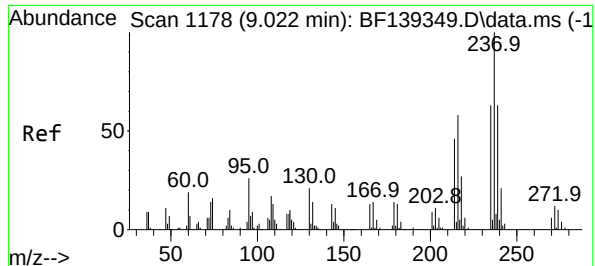
216 100

214 80.4 63.4 95.0

179 23.0 18.2 27.2

108 21.4 15.8 23.6

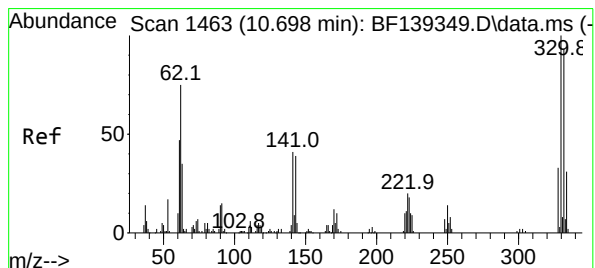
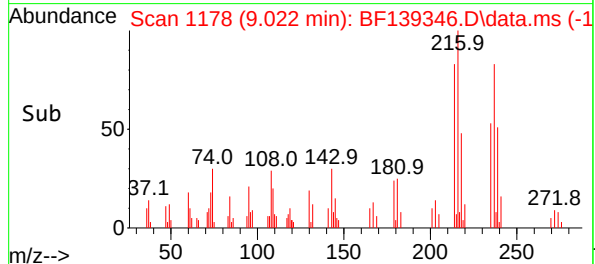
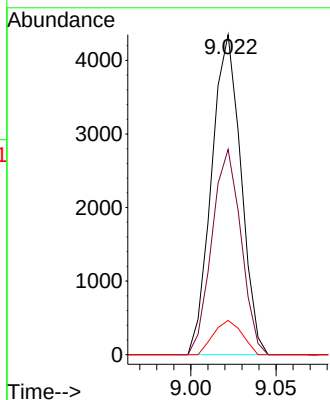
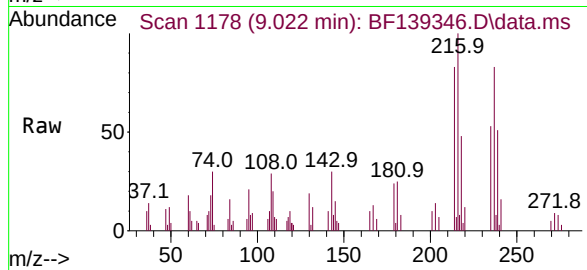




#41
Hexachlorocyclopentadiene
Concen: 5.439 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

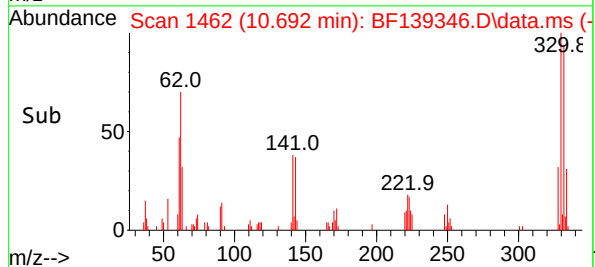
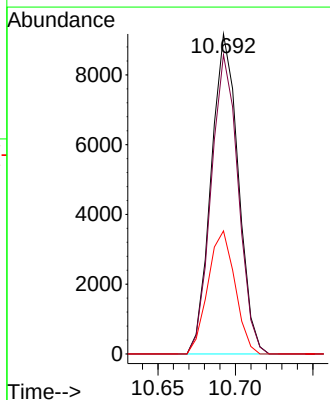
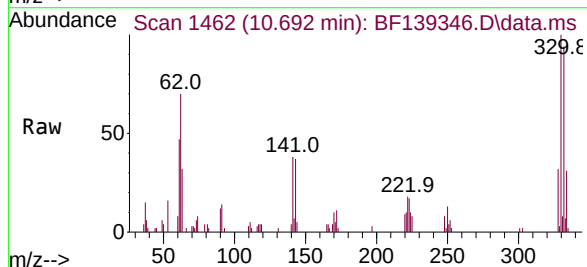
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

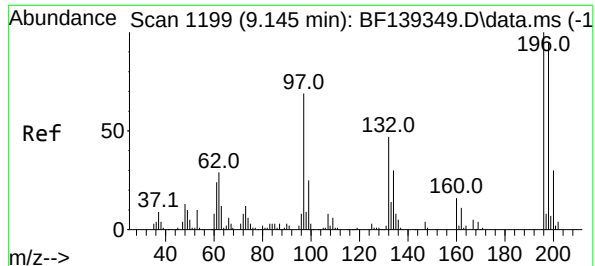
Tgt Ion: 237 Resp: 5217
Ion Ratio Lower Upper
237 100
235 64.1 42.7 82.7
272 10.7 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 12.249 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion: 330 Resp: 11158
Ion Ratio Lower Upper
330 100
332 93.2 75.2 112.8
141 38.4 31.2 46.8





#43

2,4,6-Trichlorophenol

Concen: 5.103 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.000 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

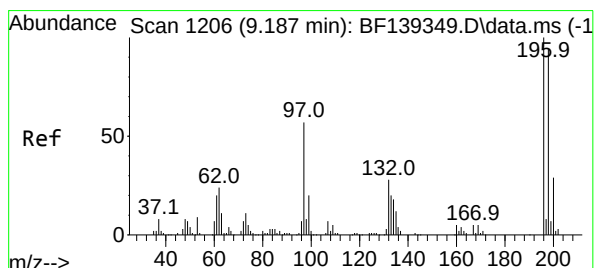
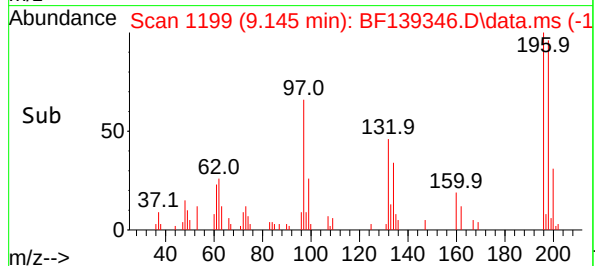
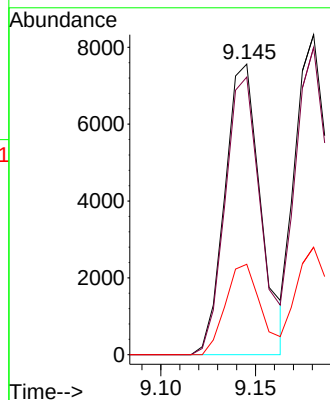
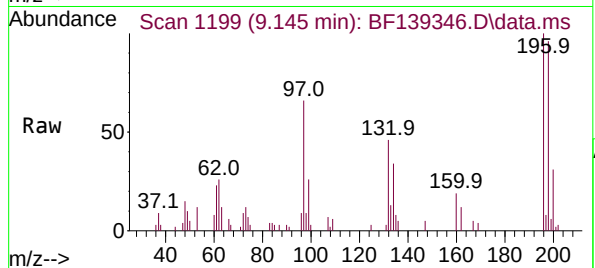
Tgt Ion:196 Resp: 9966

Ion Ratio Lower Upper

196 100

198 95.6 75.8 113.6

200 31.1 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 4.872 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Tgt Ion:196 Resp: 9970

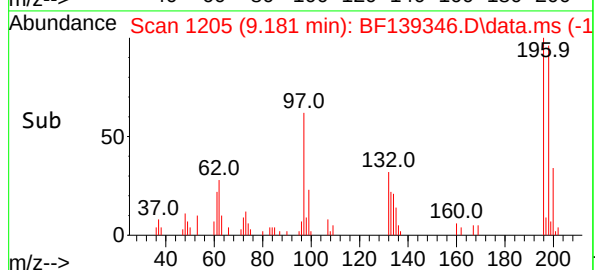
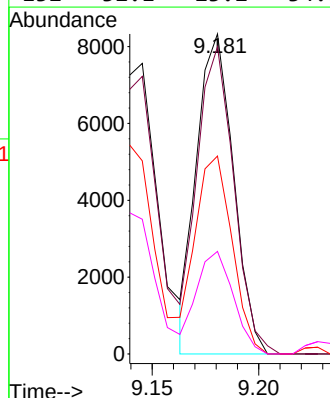
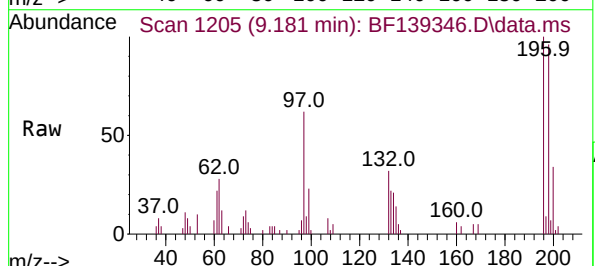
Ion Ratio Lower Upper

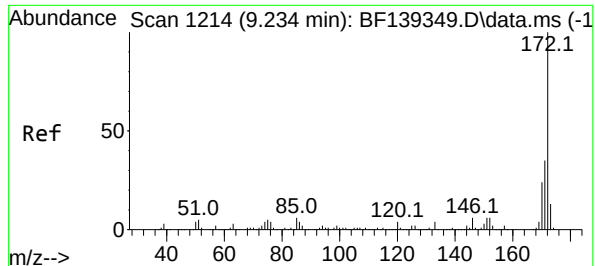
196 100

198 96.0 74.8 112.2

97 61.8 47.3 70.9

132 32.1 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 11.346 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF139346.D

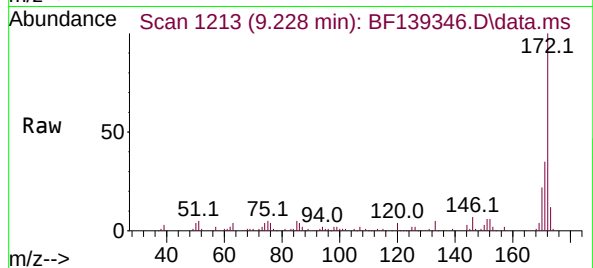
Acq: 13 Sep 2024 15:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



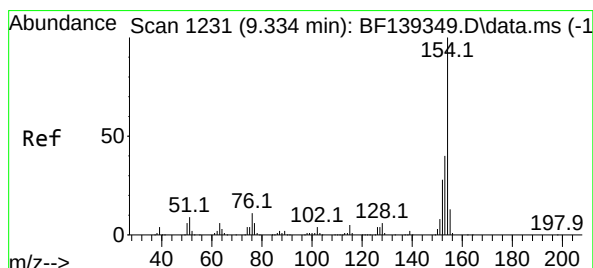
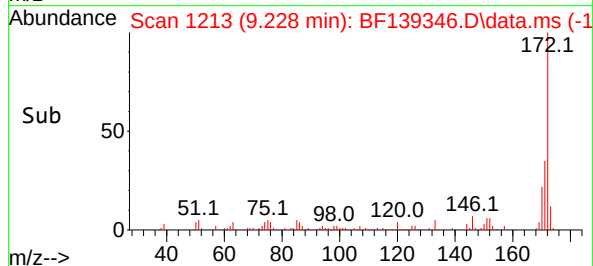
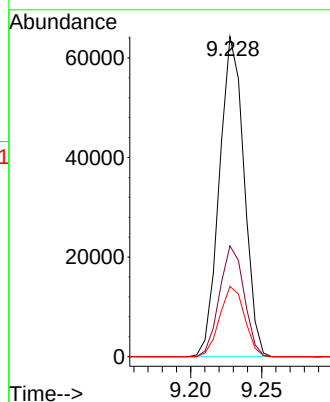
Tgt Ion:172 Resp: 77537

Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

170 22.0 19.0 28.6



#46

1,1'-Biphenyl

Concen: 5.449 ng

RT: 9.334 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

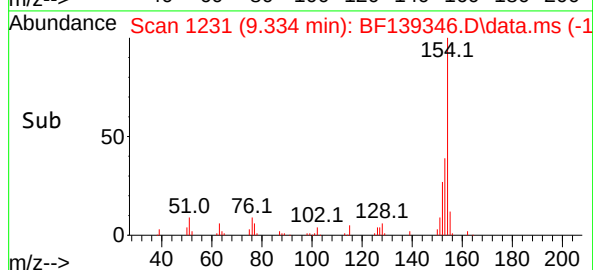
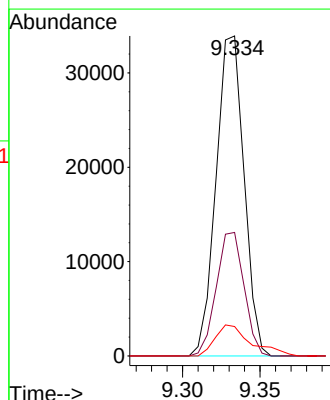
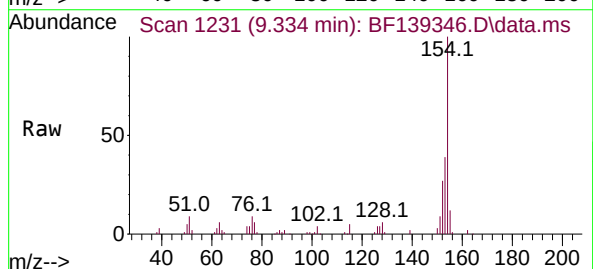
Tgt Ion:154 Resp: 42592

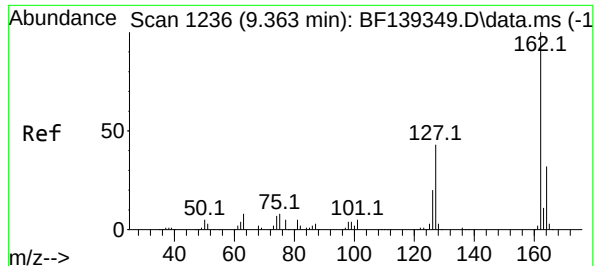
Ion Ratio Lower Upper

154 100

153 38.6 20.1 60.1

76 9.2 0.0 31.1





#47

2-Chloronaphthalene

Concen: 5.050 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

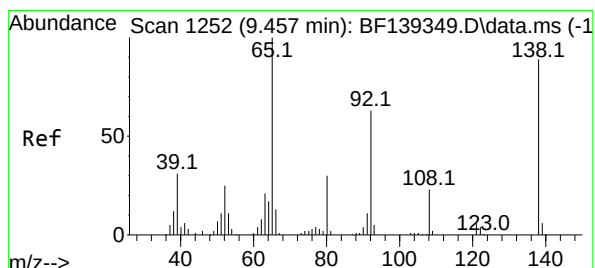
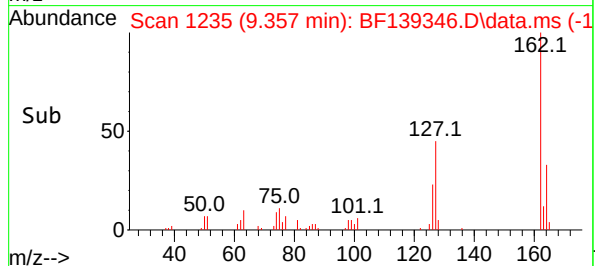
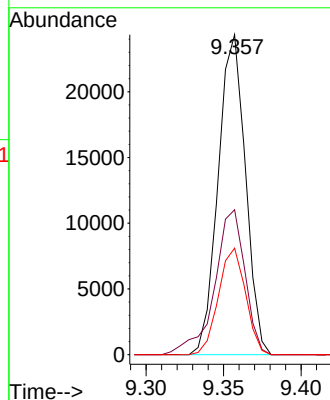
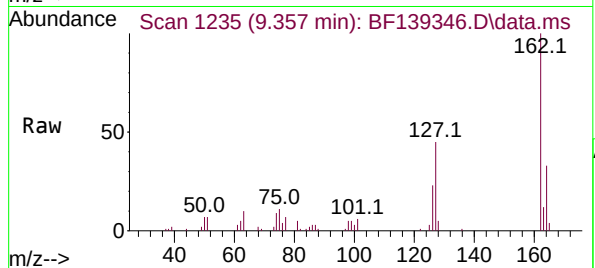
Tgt Ion:162 Resp: 29802

Ion Ratio Lower Upper

162 100

127 45.3 35.0 52.4

164 33.3 25.8 38.6



#48

2-Nitroaniline

Concen: 5.025 ng

RT: 9.445 min Scan# 1250

Delta R.T. -0.012 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

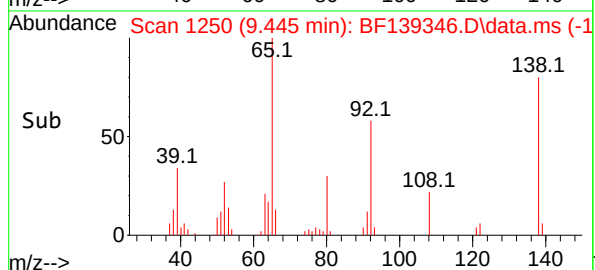
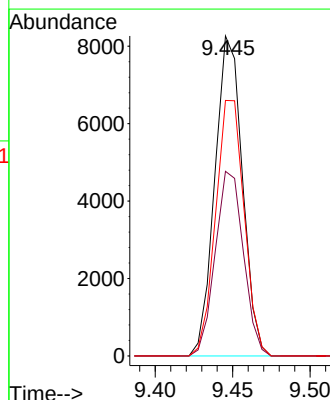
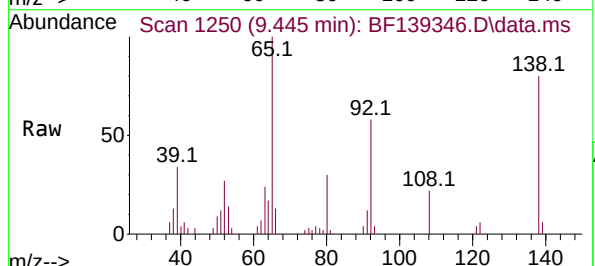
Tgt Ion: 65 Resp: 10214

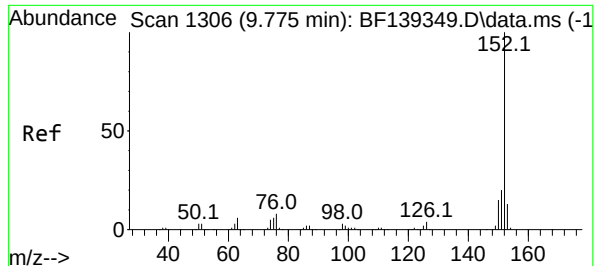
Ion Ratio Lower Upper

65 100

92 57.7 50.3 75.5

138 79.8 71.3 106.9





#49

Acenaphthylene

Concen: 5.031 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

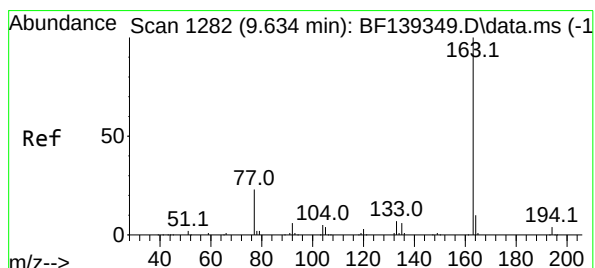
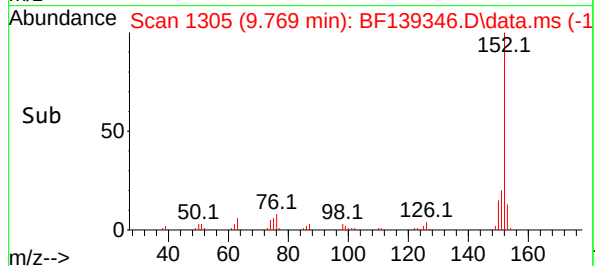
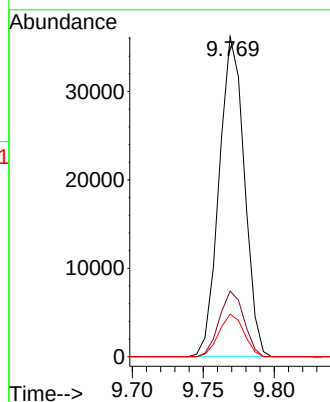
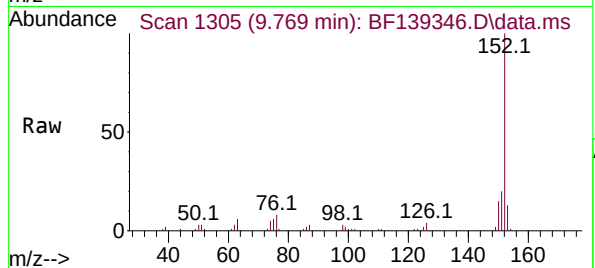
Tgt Ion:152 Resp: 44722

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.2

153 13.3 10.3 15.5



#50

Dimethylphthalate

Concen: 5.437 ng

RT: 9.622 min Scan# 1280

Delta R.T. -0.012 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

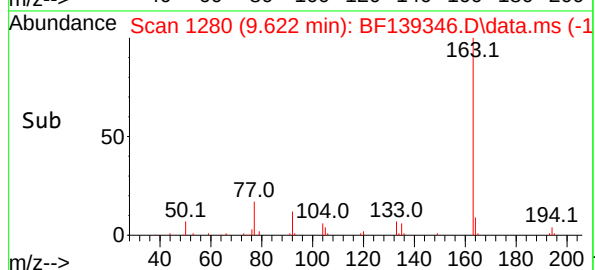
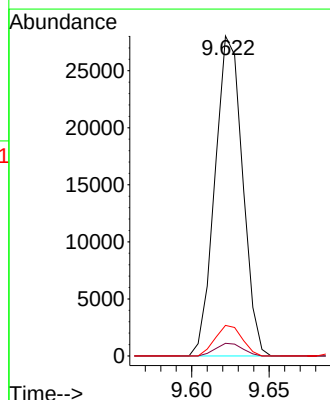
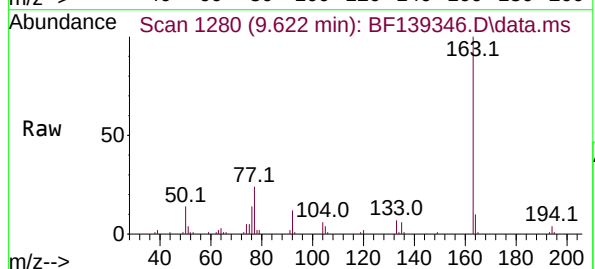
Tgt Ion:163 Resp: 34763

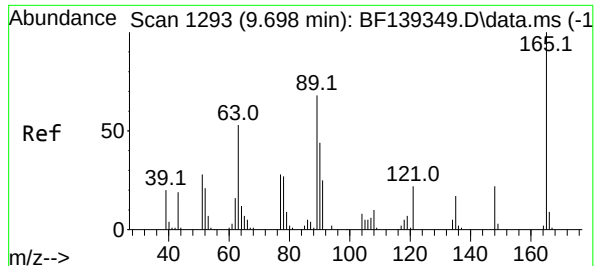
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 9.6 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 4.754 ng

RT: 9.686 min Scan# 1291

Delta R.T. -0.012 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

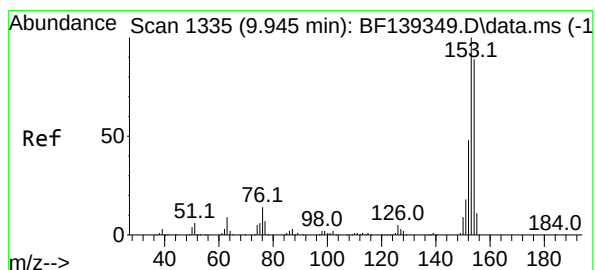
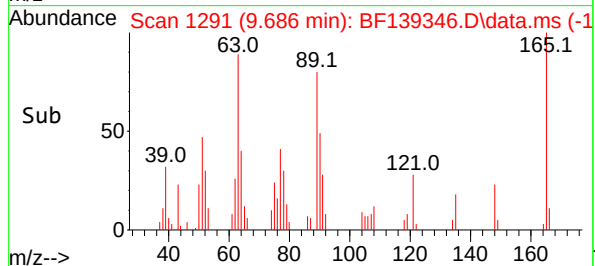
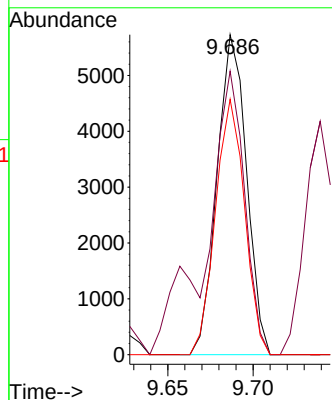
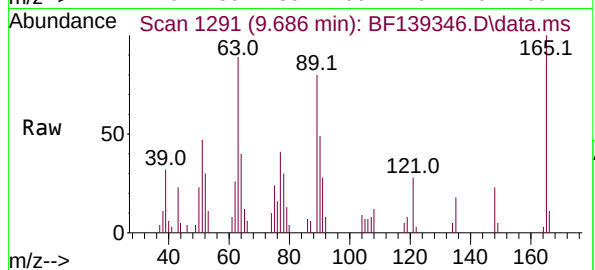
Tgt Ion:165 Resp: 6896

Ion Ratio Lower Upper

165 100

63 88.6 60.9 91.3

89 79.8 54.7 82.1



#52

Acenaphthene

Concen: 5.305 ng

RT: 9.939 min Scan# 1334

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

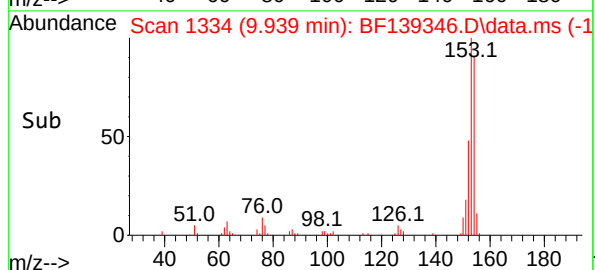
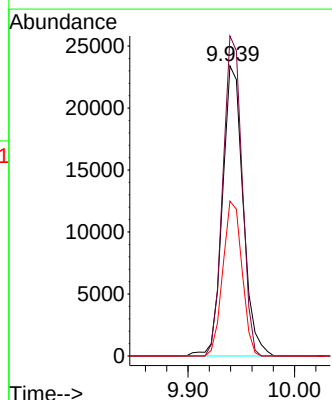
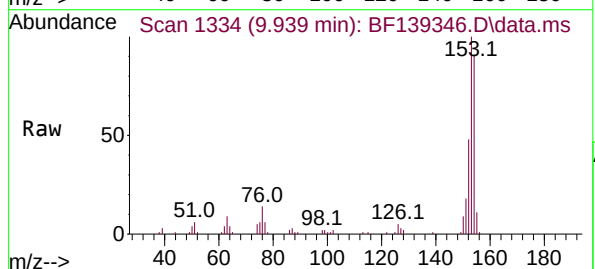
Tgt Ion:154 Resp: 31279

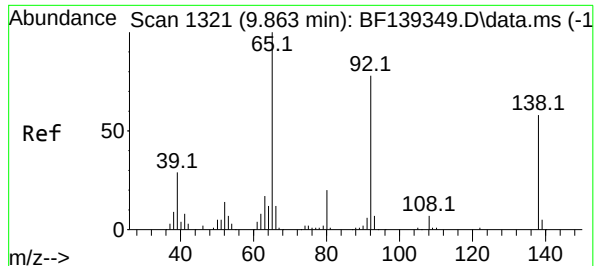
Ion Ratio Lower Upper

154 100

153 110.3 89.5 134.3

152 53.4 42.6 64.0

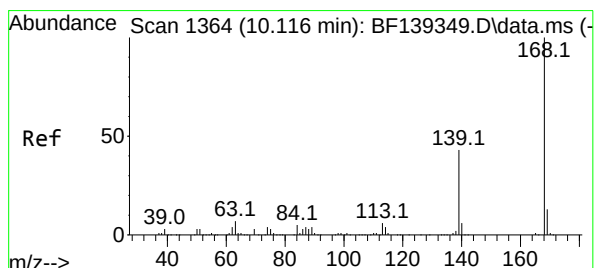
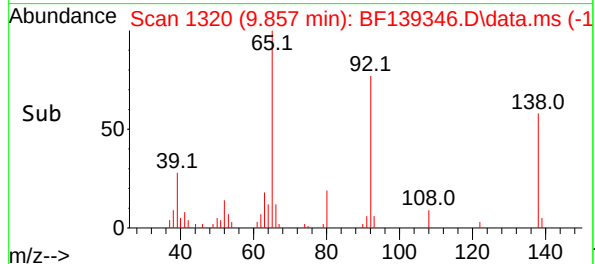
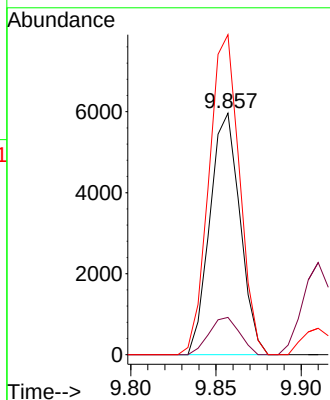
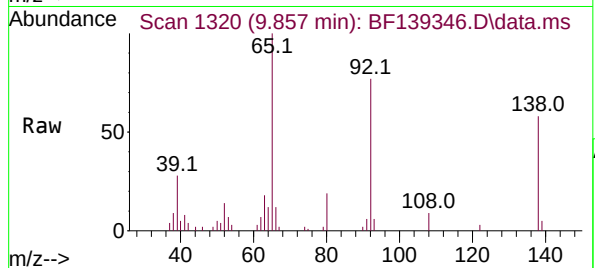




#53
3-Nitroaniline
Concen: 4.760 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

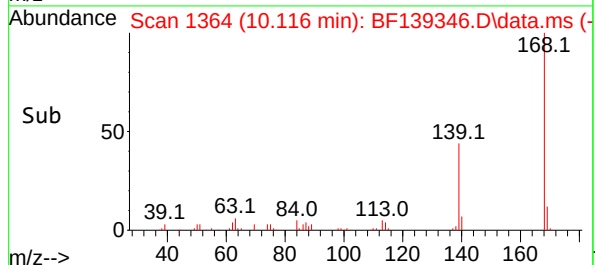
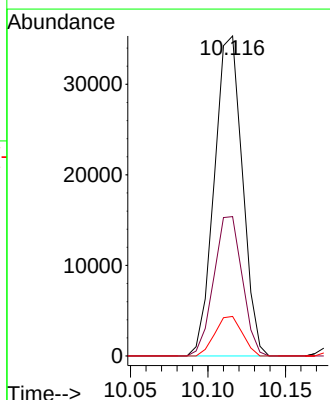
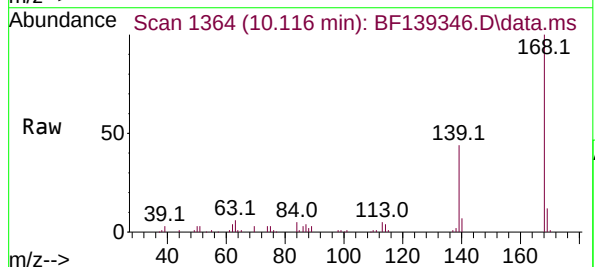
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

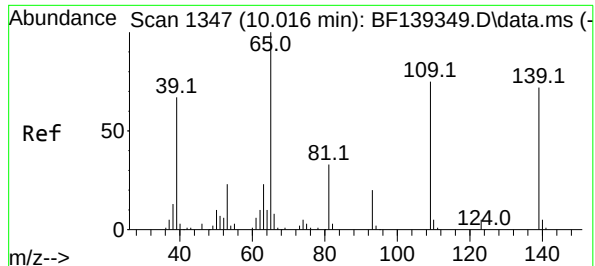
Tgt Ion:138 Resp: 7356
Ion Ratio Lower Upper
138 100
108 15.5 9.8 14.8#
92 132.5 107.4 161.2



#55
Dibenzofuran
Concen: 5.264 ng
RT: 10.116 min Scan# 1364
Delta R.T. -0.000 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion:168 Resp: 44498
Ion Ratio Lower Upper
168 100
139 43.6 34.1 51.1
169 12.3 10.5 15.7

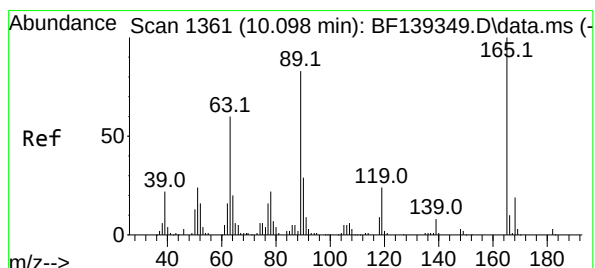
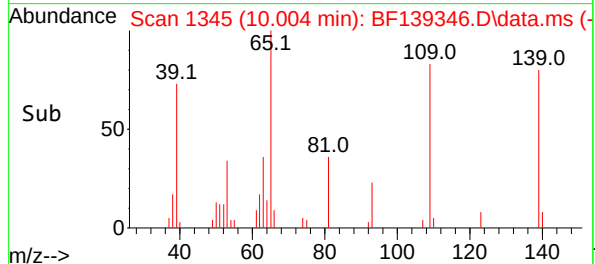
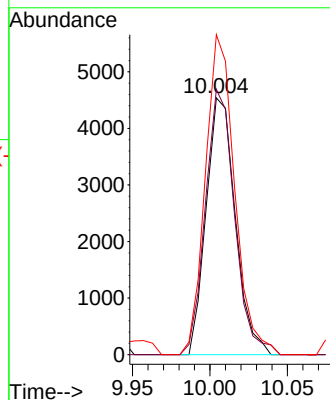
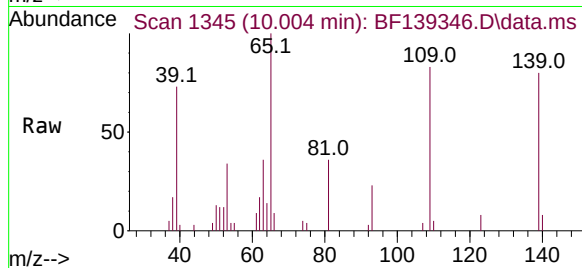




#56
4-Nitrophenol
Concen: 5.212 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

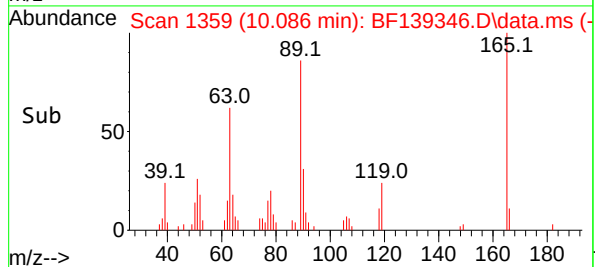
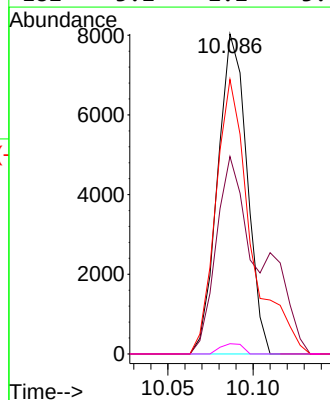
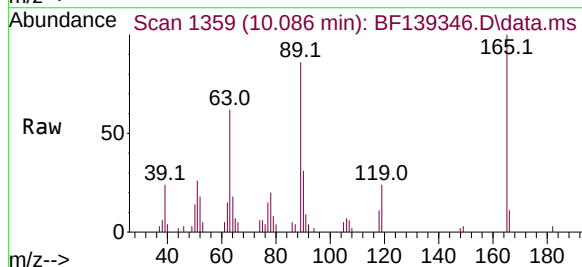
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

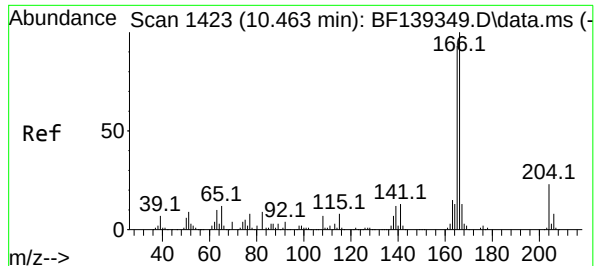
Tgt Ion	Ratio	Lower	Upper
139	100		
109	103.3	84.1	124.1
65	124.6	120.0	160.0



#57
2,4-Dinitrotoluene
Concen: 5.201 ng
RT: 10.086 min Scan# 1359
Delta R.T. -0.012 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	61.7	47.8	71.6
89	85.8	66.7	100.1
182	3.2	2.2	3.4

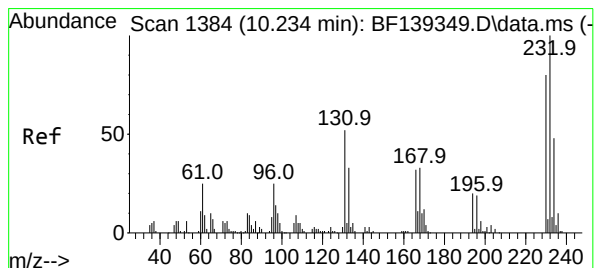
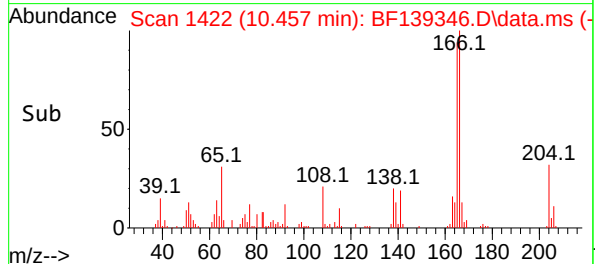
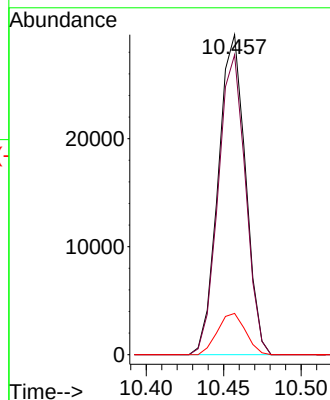
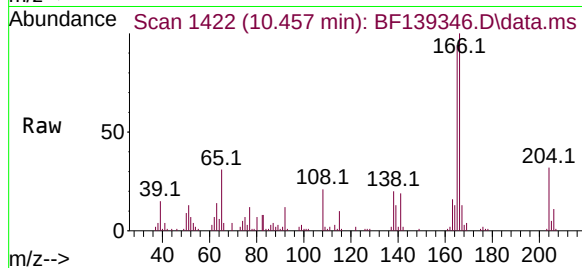




#58
Fluorene
Concen: 5.526 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

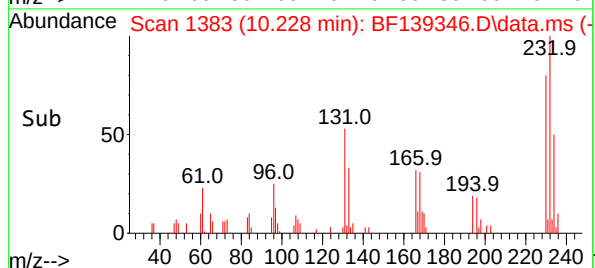
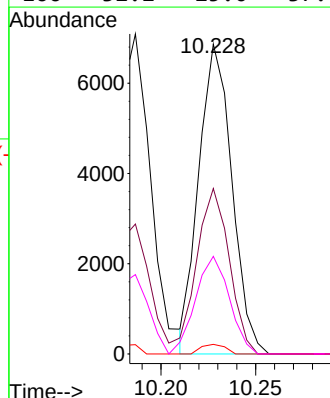
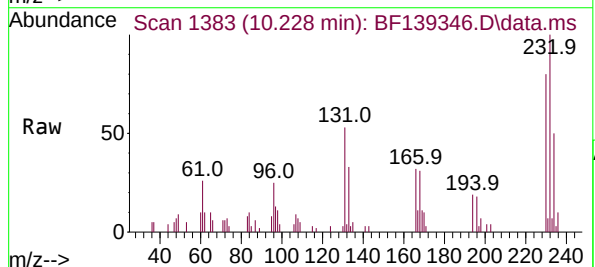
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

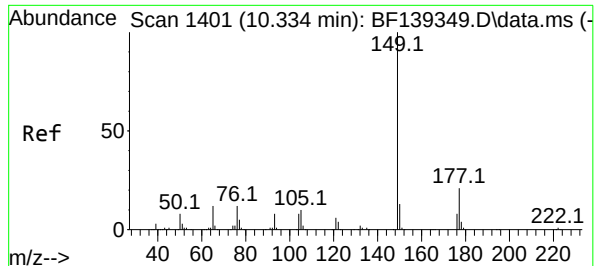
Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.7	74.5	111.7
167	12.9	10.6	16.0



#59
2,3,4,6-Tetrachlorophenol
Concen: 5.185 ng
RT: 10.228 min Scan# 1383
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion	Ratio	Lower	Upper
232	100		
131	52.8	40.7	61.1
130	2.3	2.2	3.2
166	32.2	25.0	37.6

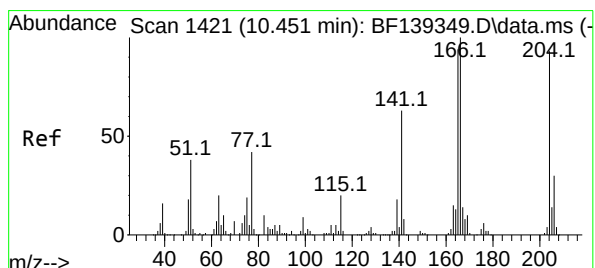
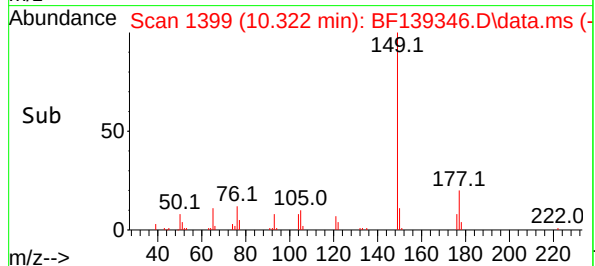
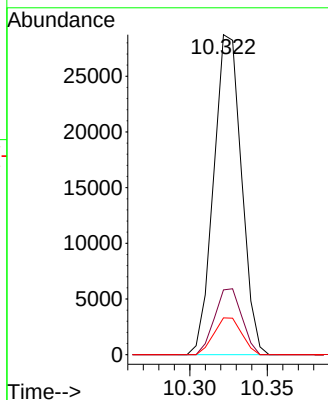
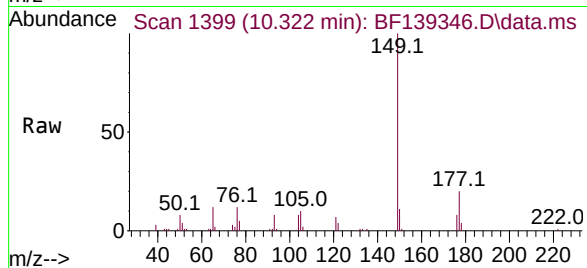




#60
Diethylphthalate
Concen: 5.696 ng
RT: 10.322 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

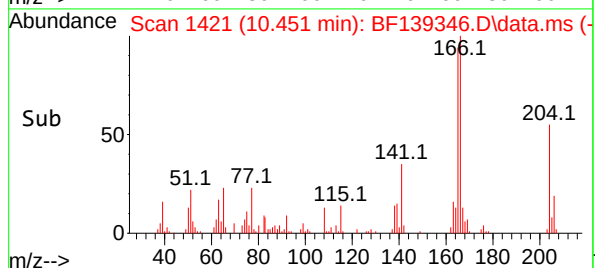
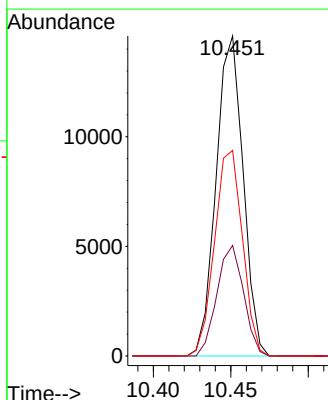
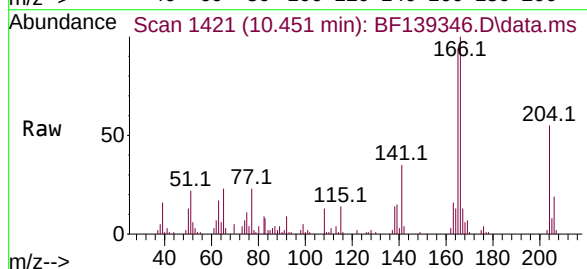
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

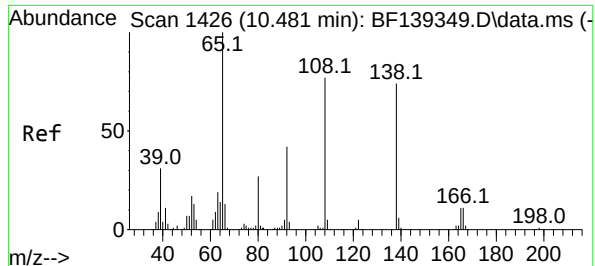
Tgt Ion:149 Resp: 35843
Ion Ratio Lower Upper
149 100
177 20.3 16.6 24.8
150 11.5 10.6 15.8



#61
4-Chlorophenyl-phenylether
Concen: 5.602 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion:204 Resp: 17706
Ion Ratio Lower Upper
204 100
206 34.5 26.2 39.2
141 64.2 53.9 80.9

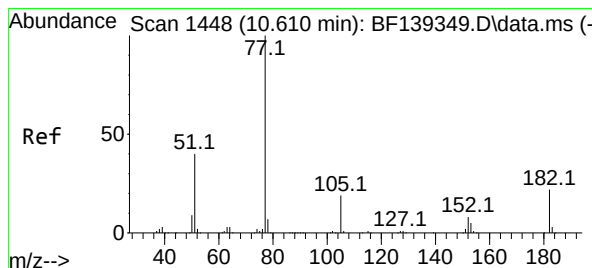
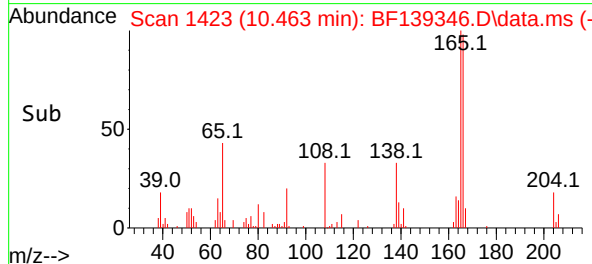
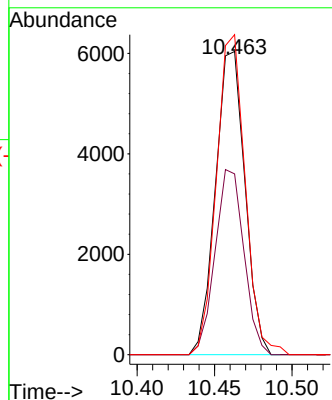
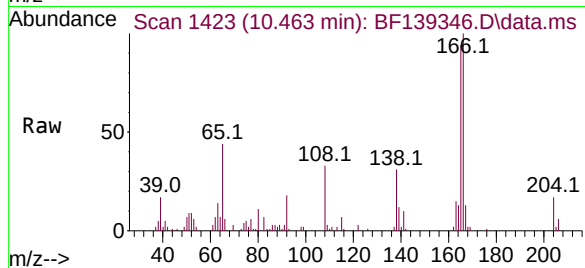




#62
4-Nitroaniline
Concen: 5.437 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.018 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

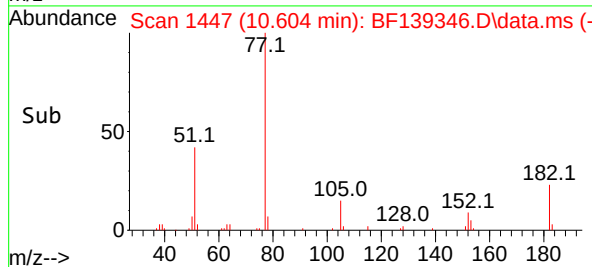
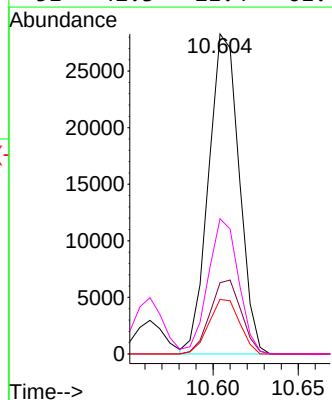
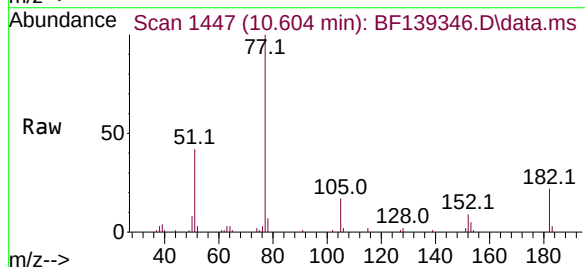
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

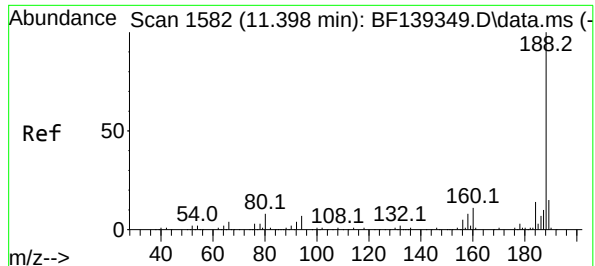
Tgt Ion:138 Resp: 7998
Ion Ratio Lower Upper
138 100
92 59.6 37.0 77.0
108 105.5 84.4 124.4



#63
Azobenzene
Concen: 5.331 ng
RT: 10.604 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion: 77 Resp: 35354
Ion Ratio Lower Upper
77 100
182 22.3 1.8 41.8
105 17.0 0.0 38.6
51 42.3 21.4 61.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

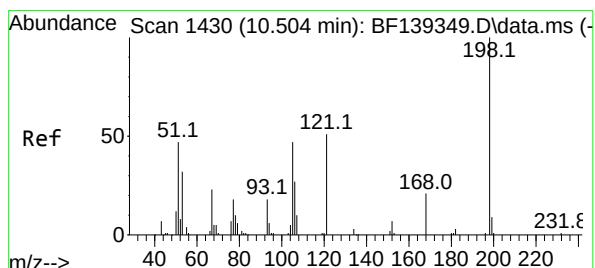
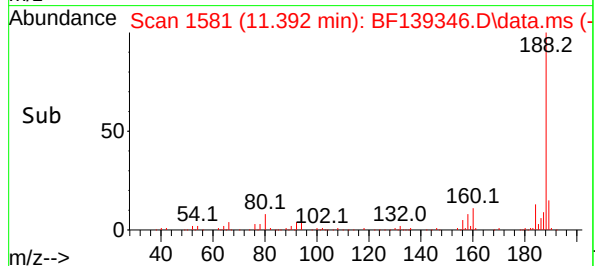
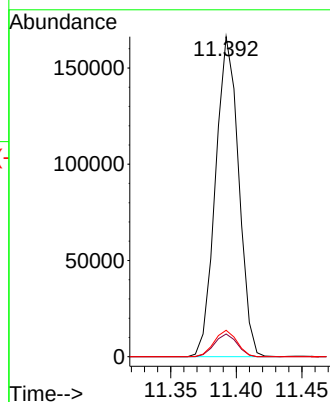
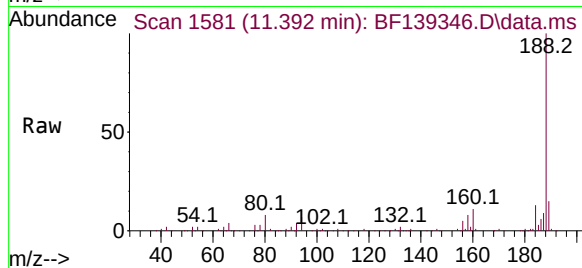
Tgt Ion:188 Resp: 203939

Ion Ratio Lower Upper

188 100

94 7.1 5.5 8.3

80 8.3 6.6 9.8



#65

4,6-Dinitro-2-methylphenol

Concen: 4.053 ng

RT: 10.492 min Scan# 1428

Delta R.T. -0.012 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

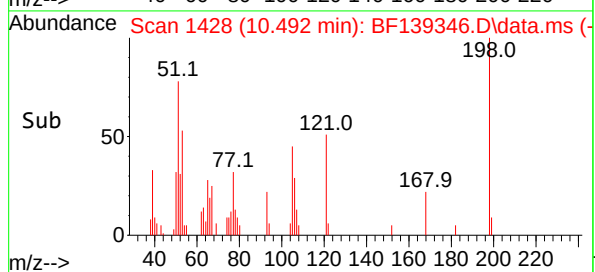
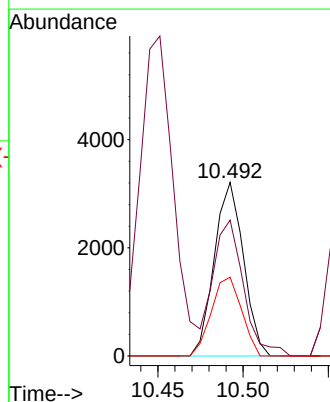
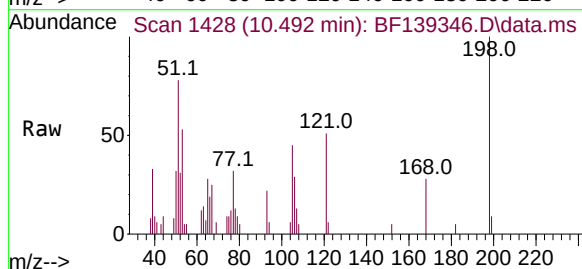
Tgt Ion:198 Resp: 3819

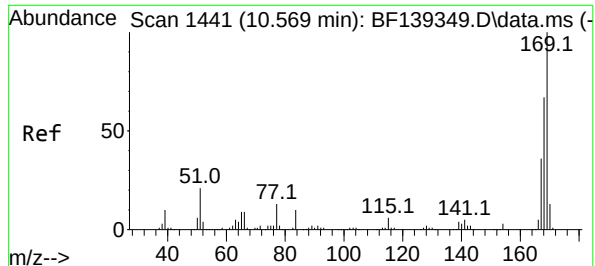
Ion Ratio Lower Upper

198 100

51 78.3 50.4 90.4

105 45.4 28.3 68.3

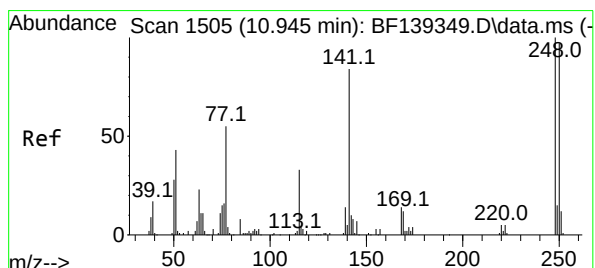
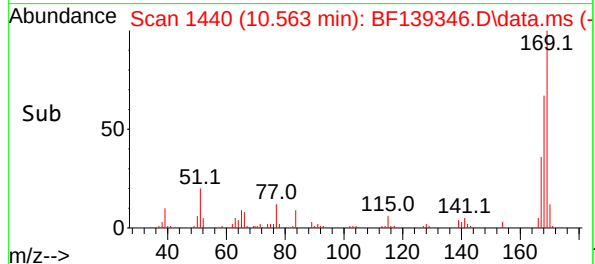
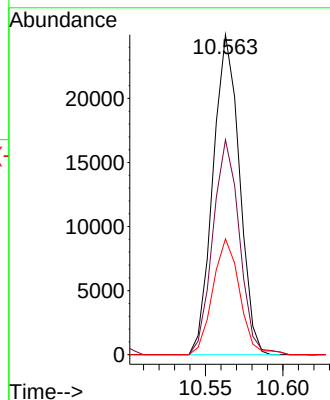
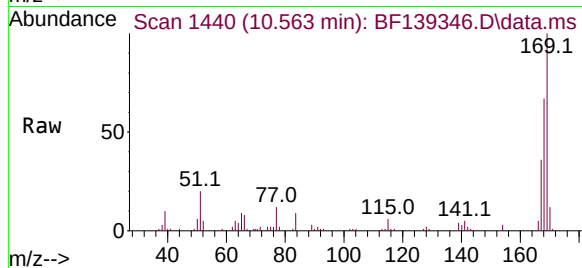




#66
n-Nitrosodiphenylamine
Concen: 4.993 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

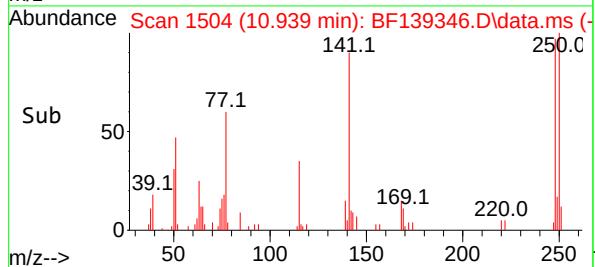
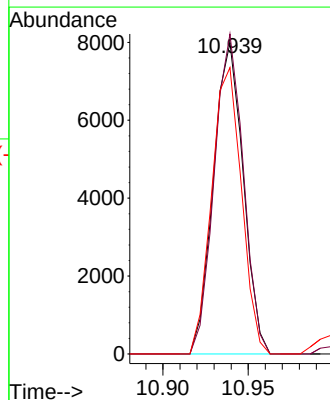
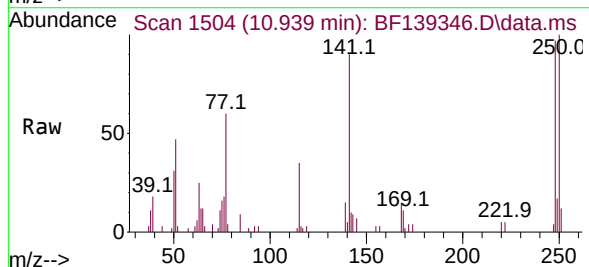
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

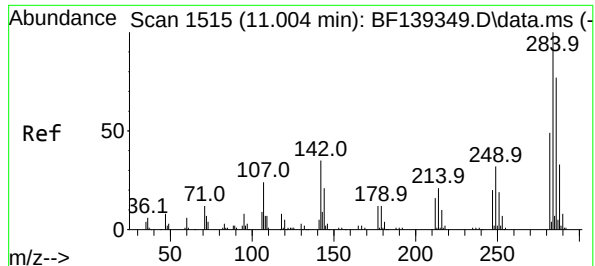
Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.1	53.6	80.4
167	36.2	28.7	43.1



#67
4-Bromophenyl-phenylether
Concen: 4.908 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion	Ratio	Lower	Upper
248	100		
250	102.8	77.6	116.4
141	92.0	66.9	100.3

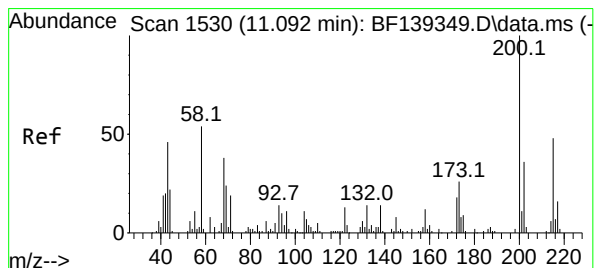
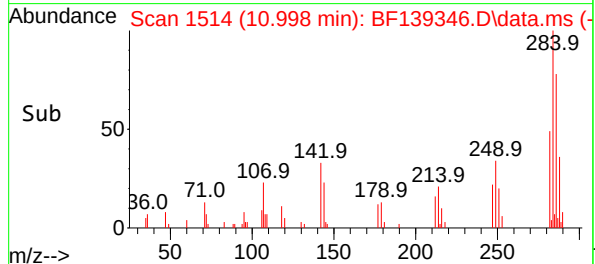
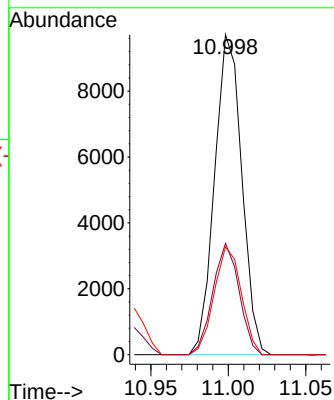
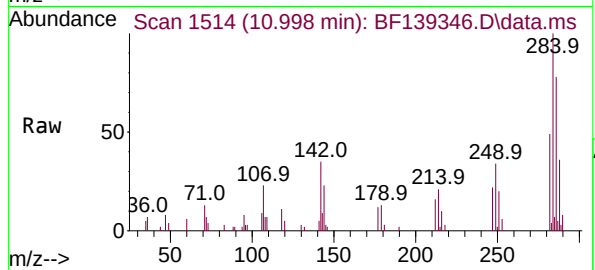




#68
Hexachlorobenzene
Concen: 5.225 ng
RT: 10.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

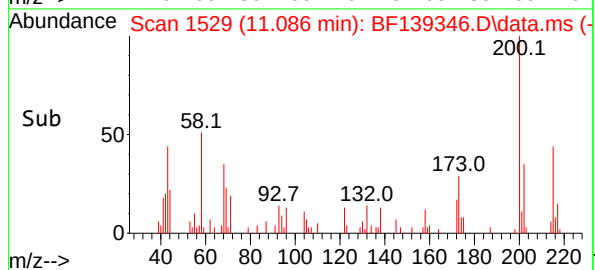
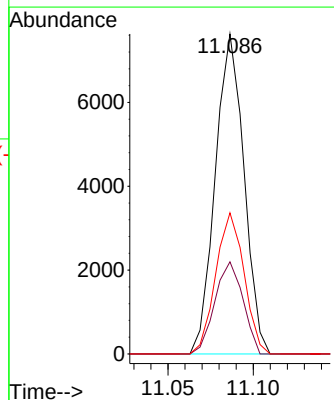
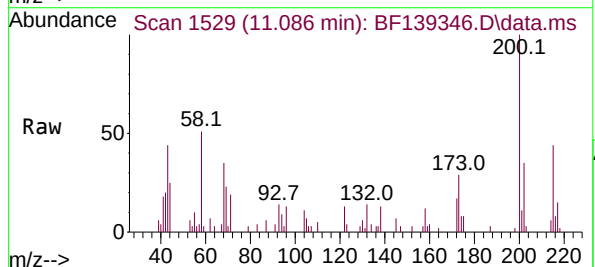
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

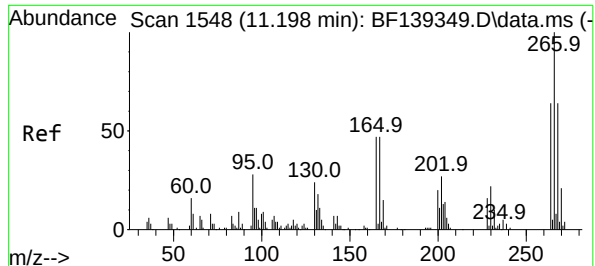
Tgt Ion:284 Resp: 11835
Ion Ratio Lower Upper
284 100
142 34.8 28.0 42.0
249 33.7 25.3 37.9



#69
Atrazine
Concen: 6.516 ng
RT: 11.086 min Scan# 1529
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion:200 Resp: 8924
Ion Ratio Lower Upper
200 100
173 28.8 6.1 46.1
215 44.1 28.2 68.2





#70

Pentachlorophenol

Concen: 4.807 ng

RT: 11.192 min Scan# 1547

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

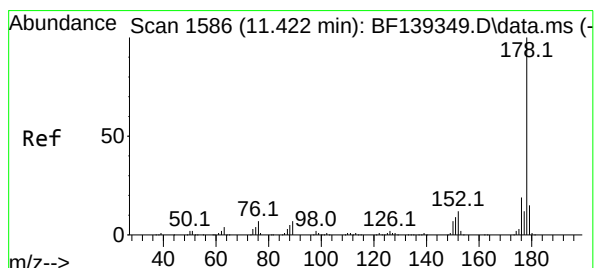
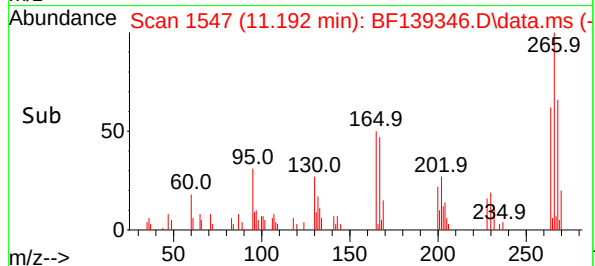
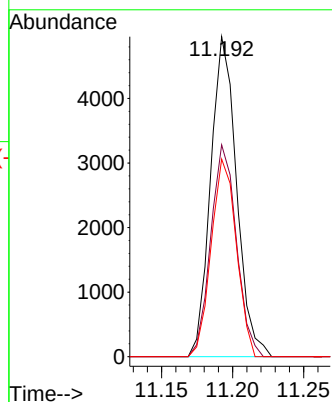
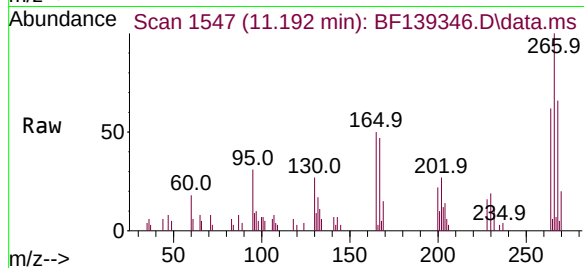
Tgt Ion:266 Resp: 6290

Ion Ratio Lower Upper

266 100

268 66.2 51.1 76.7

264 61.7 51.4 77.0



#71

Phenanthrene

Concen: 5.251 ng

RT: 11.416 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

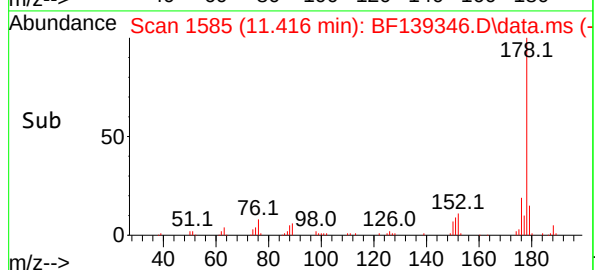
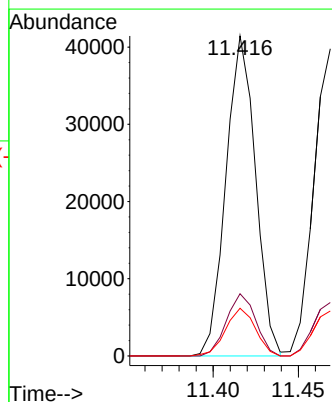
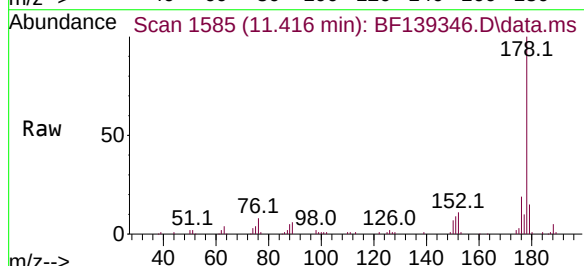
Tgt Ion:178 Resp: 50027

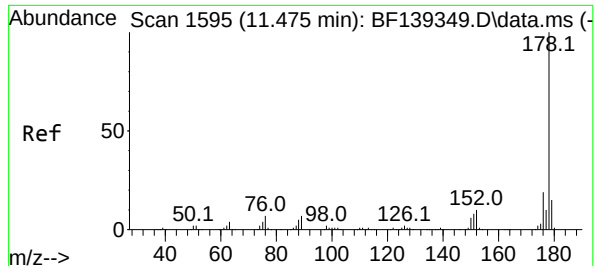
Ion Ratio Lower Upper

178 100

176 19.5 15.2 22.8

179 14.9 12.2 18.4

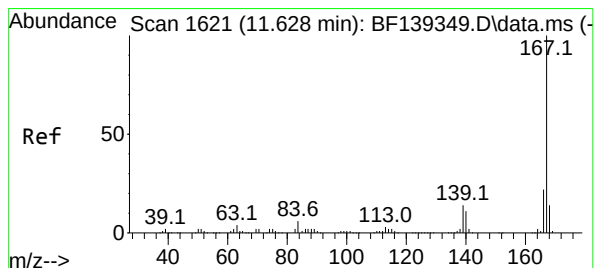
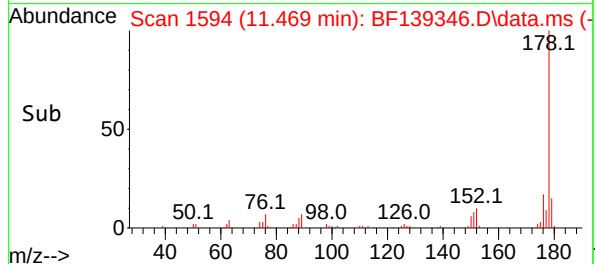
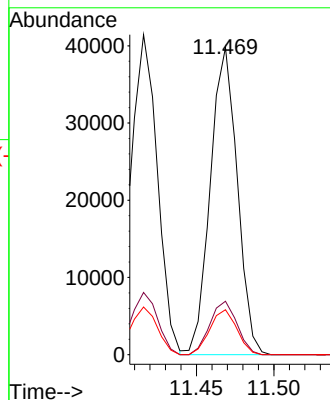
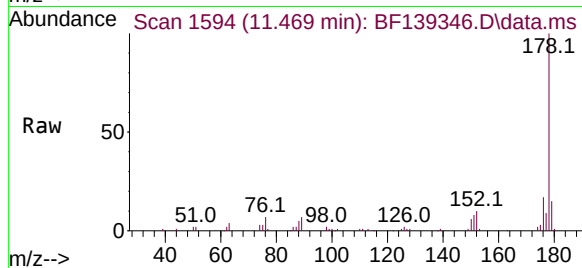




#72
Anthracene
Concen: 5.179 ng
RT: 11.469 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

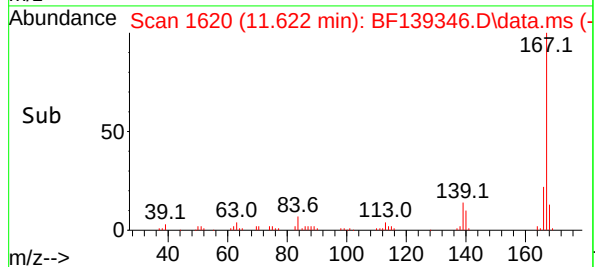
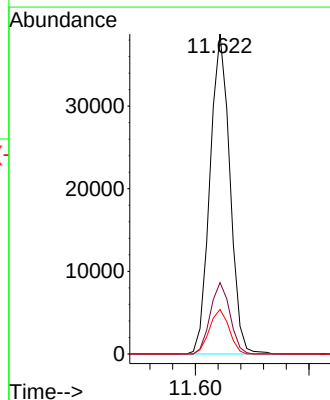
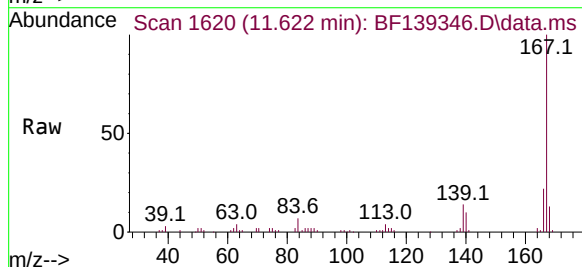
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

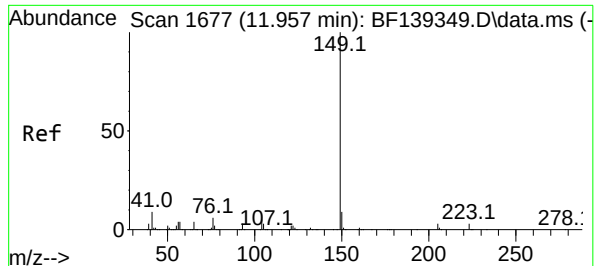
Tgt Ion:178 Resp: 48204
Ion Ratio Lower Upper
178 100
176 17.4 15.0 22.6
179 14.6 12.0 18.0



#73
Carbazole
Concen: 5.408 ng
RT: 11.622 min Scan# 1620
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion:167 Resp: 47039
Ion Ratio Lower Upper
167 100
166 22.3 17.5 26.3
139 13.9 10.9 16.3

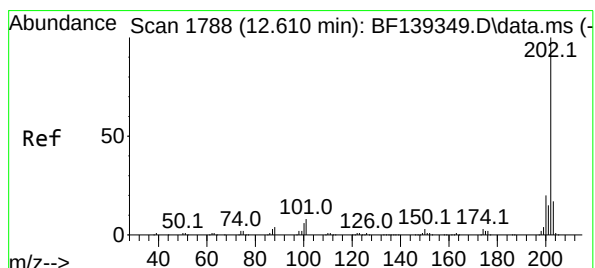
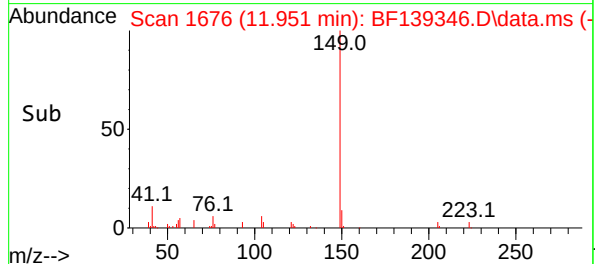
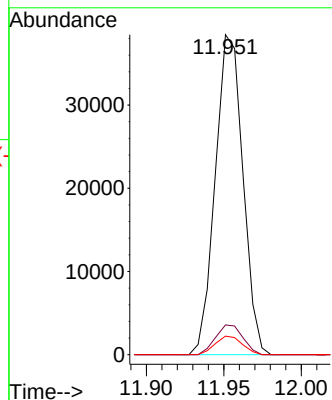
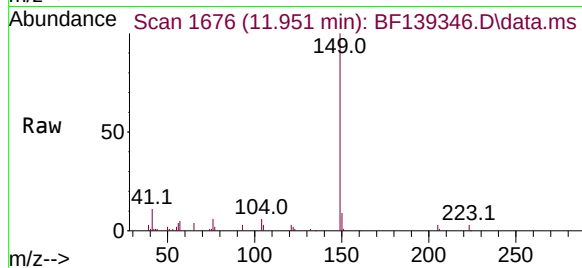




#74
Di-n-butylphthalate
Concen: 5.354 ng
RT: 11.951 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

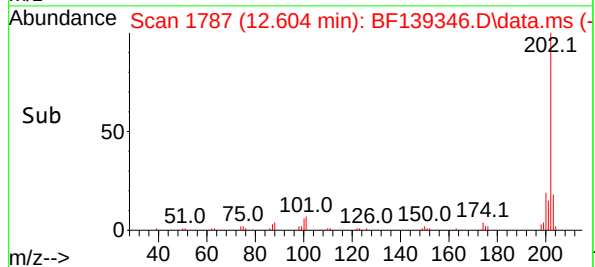
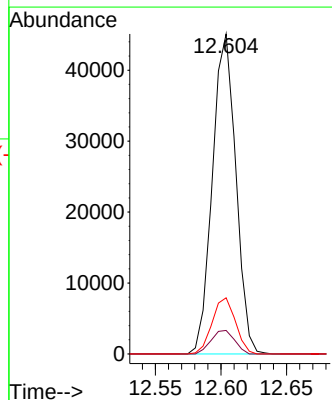
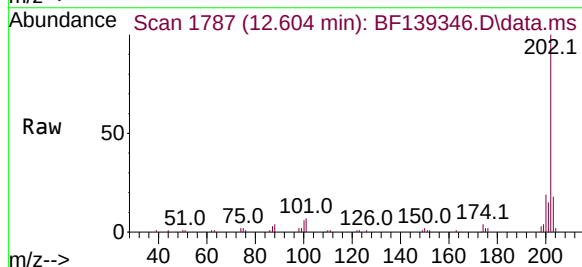
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

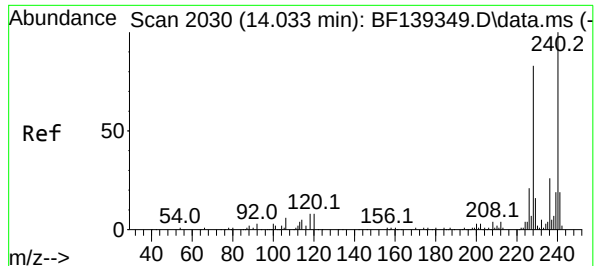
Tgt Ion:149 Resp: 47689
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 5.8 4.3 6.5



#75
Fluoranthene
Concen: 5.872 ng
RT: 12.604 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion:202 Resp: 56089
Ion Ratio Lower Upper
202 100
101 7.4 0.0 27.7
203 17.6 0.0 37.4

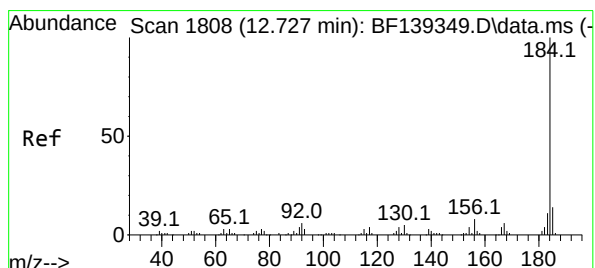
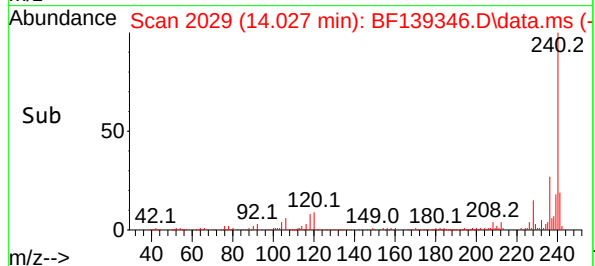
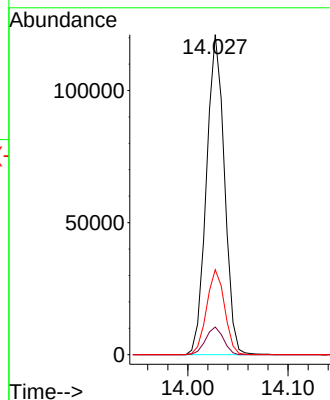
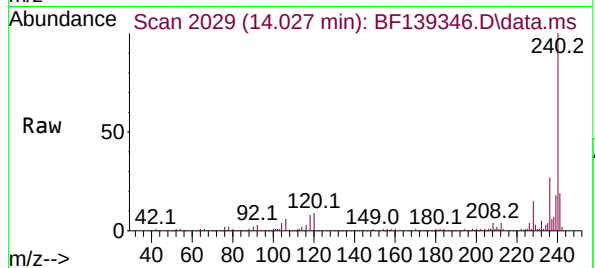




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

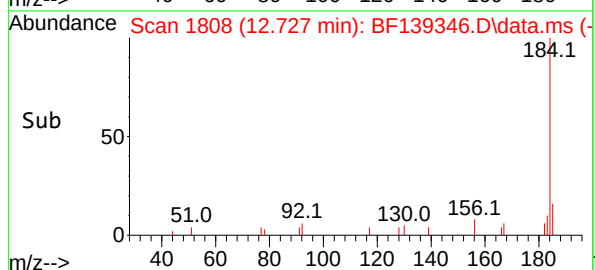
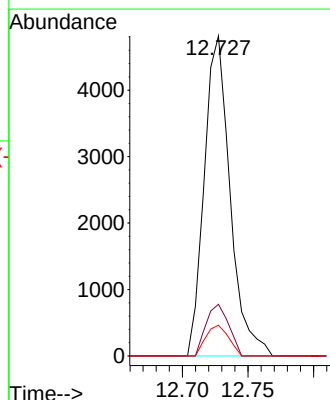
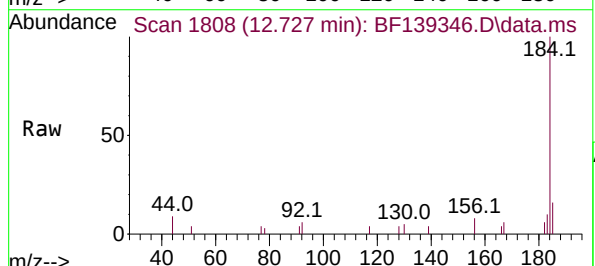
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

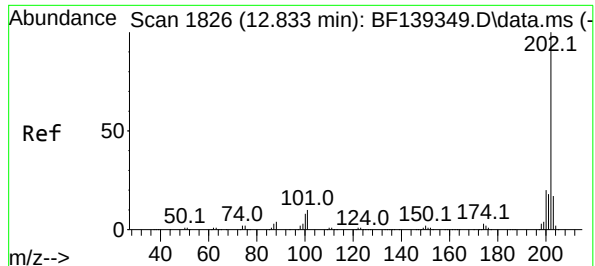
Tgt Ion:240 Resp: 151467
Ion Ratio Lower Upper
240 100
120 8.6 6.2 9.2
236 26.6 20.9 31.3



#77
Benzidine
Concen: 2.166 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion:184 Resp: 6607
Ion Ratio Lower Upper
184 100
185 16.1 11.5 17.3
183 9.6 8.9 13.3

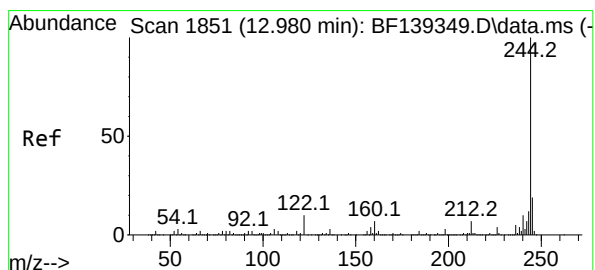
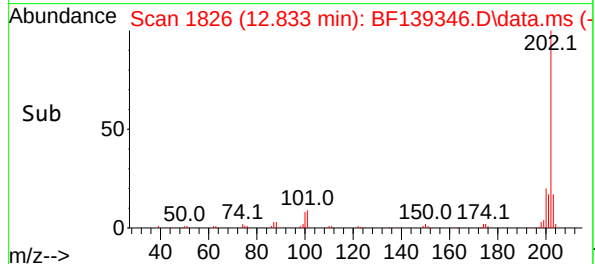
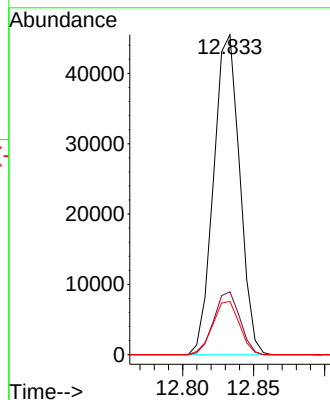
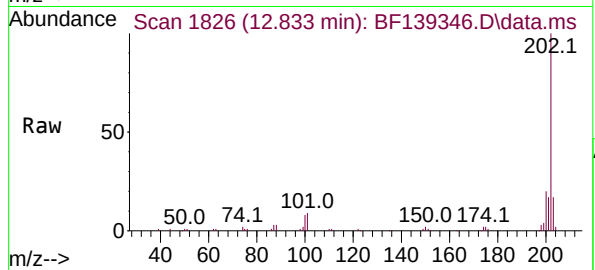




#78
Pyrene
Concen: 3.976 ng
RT: 12.833 min Scan# 1826
Delta R.T. -0.000 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

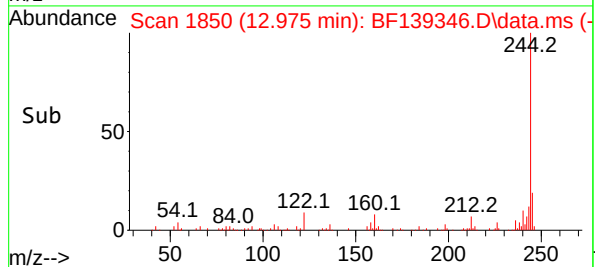
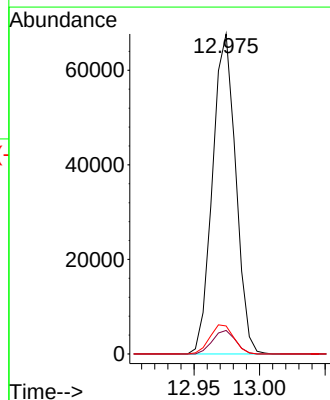
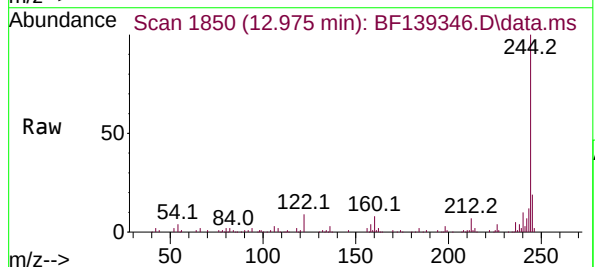
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

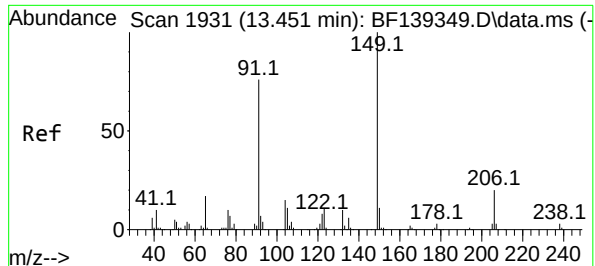
Tgt Ion:202 Resp: 58177
Ion Ratio Lower Upper
202 100
200 19.7 16.2 24.2
203 16.6 13.9 20.9



#79
Terphenyl-d14
Concen: 8.883 ng
RT: 12.975 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion:244 Resp: 83334
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 8.8 7.6 11.4

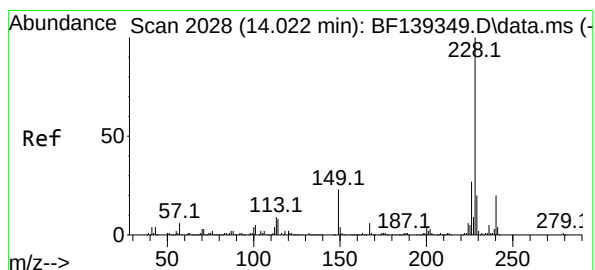
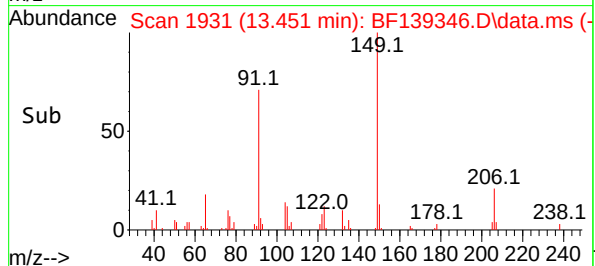
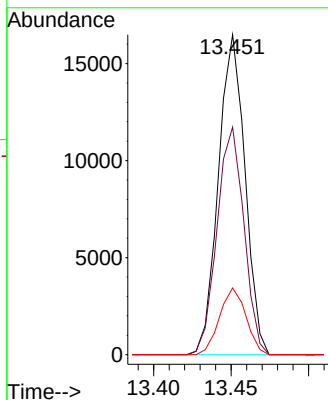
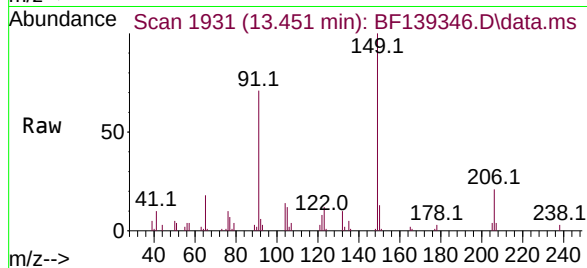




#80
Butylbenzylphthalate
Concen: 5.709 ng
RT: 13.451 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

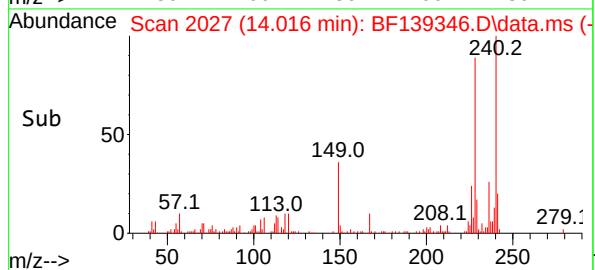
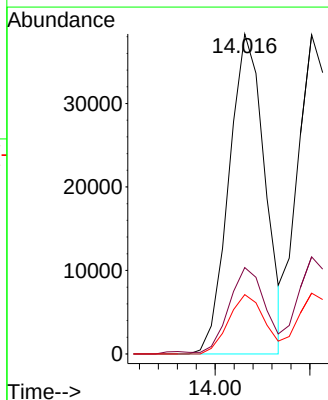
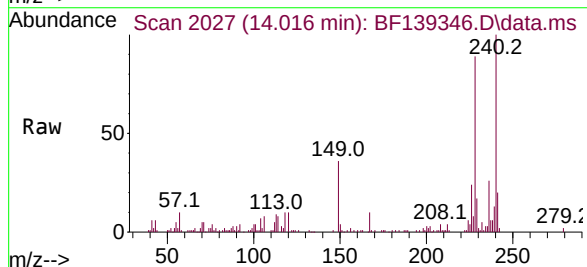
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

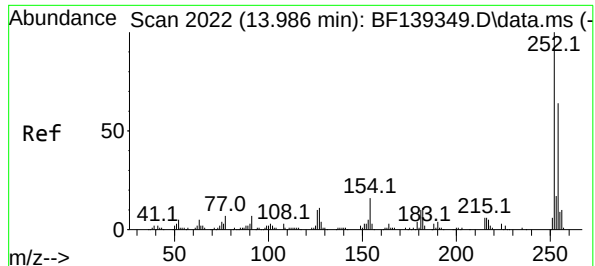
Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.1	60.9	91.3
206	20.9	15.8	23.8



#81
Benzo(a)anthracene
Concen: 5.221 ng
RT: 14.016 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.6	32.4
229	18.5	15.7	23.5





#82

3,3'-Dichlorobenzidine

Concen: 5.724 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

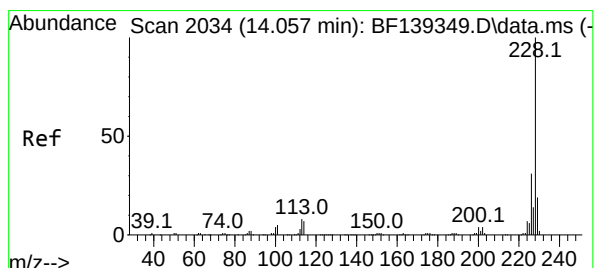
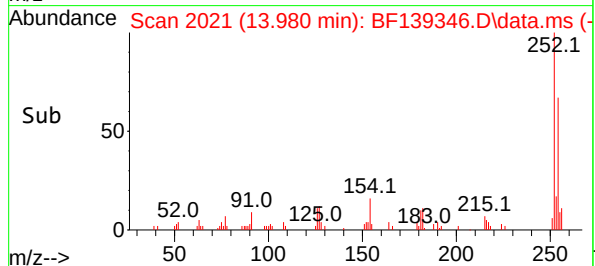
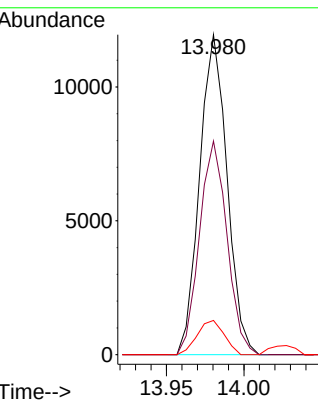
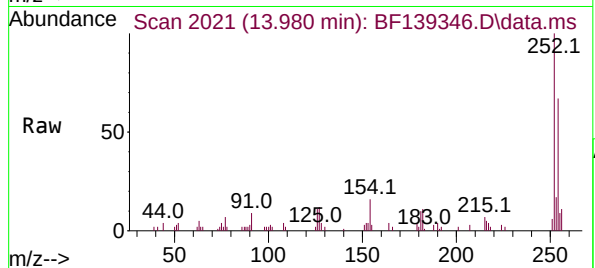
Tgt Ion:252 Resp: 14703

Ion Ratio Lower Upper

252 100

254 66.7 51.4 77.2

126 10.7 7.7 11.5



#83

Chrysene

Concen: 5.252 ng

RT: 14.051 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

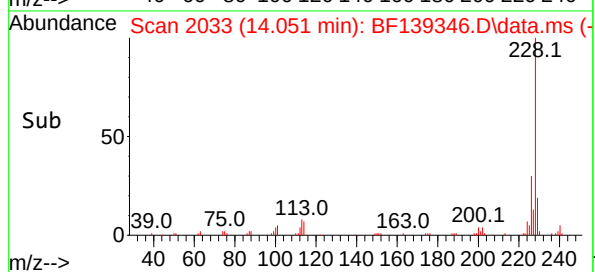
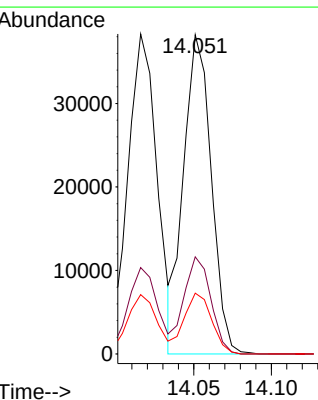
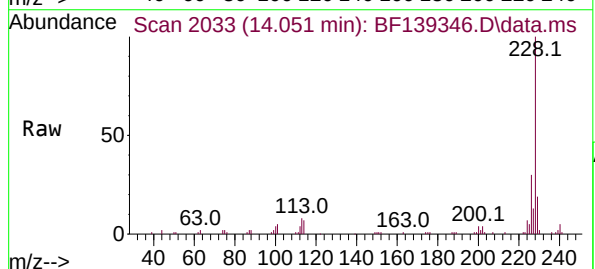
Tgt Ion:228 Resp: 47410

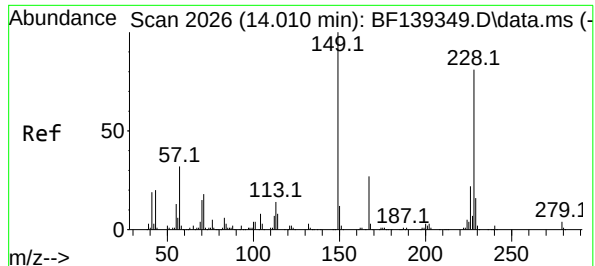
Ion Ratio Lower Upper

228 100

226 30.4 24.1 36.1

229 19.0 15.4 23.0

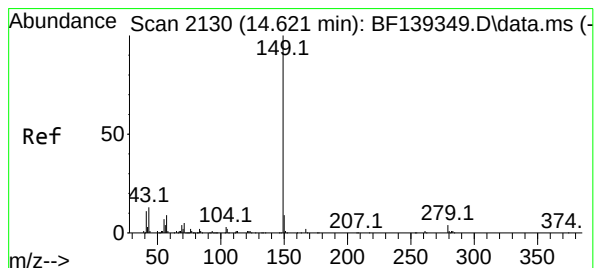
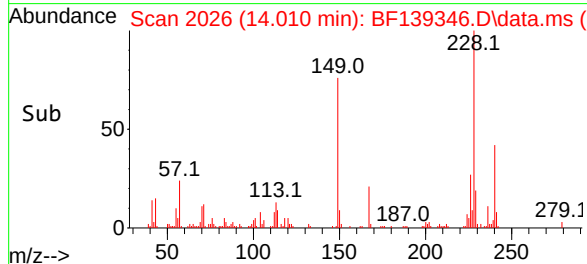
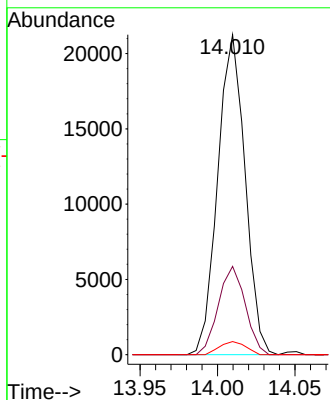
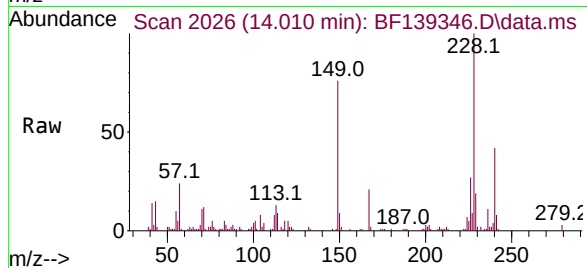




#84
Bis(2-ethylhexyl)phthalate
Concen: 6.441 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

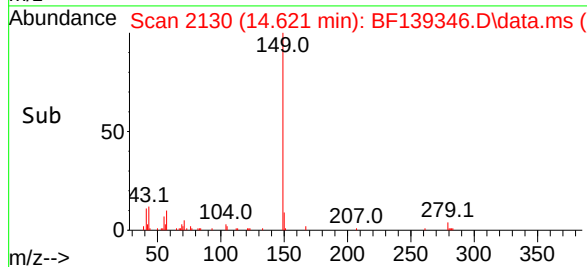
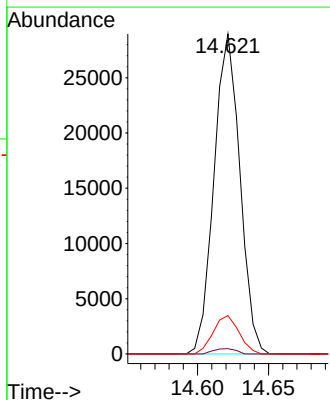
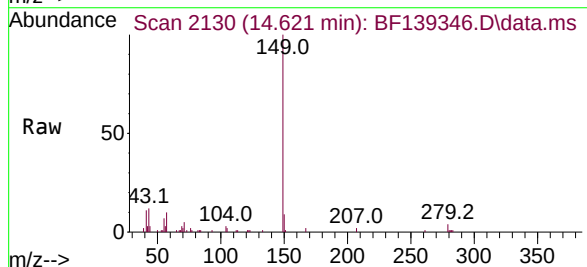
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

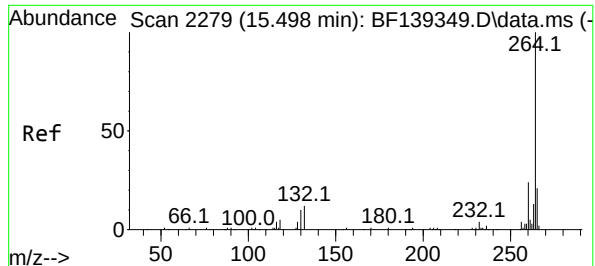
Tgt Ion:149 Resp: 26039
Ion Ratio Lower Upper
149 100
167 27.6 21.6 32.4
279 4.1 3.3 4.9



#85
Di-n-octyl phthalate
Concen: 4.742 ng
RT: 14.621 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion:149 Resp: 36708
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 12.0 10.6 16.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

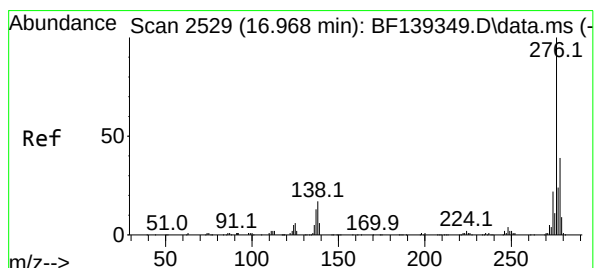
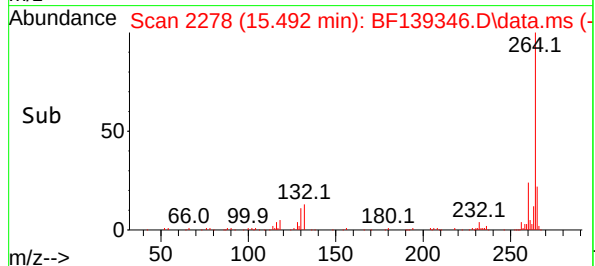
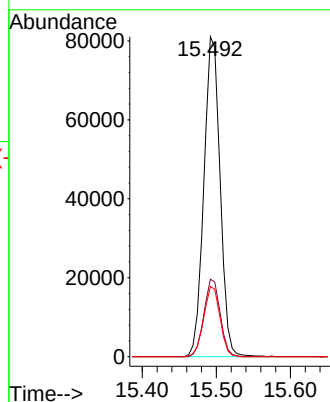
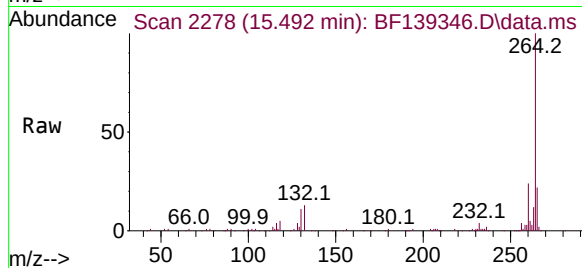
Tgt Ion:264 Resp: 123378

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 21.9 16.6 25.0



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.790 ng

RT: 16.951 min Scan# 2526

Delta R.T. -0.018 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

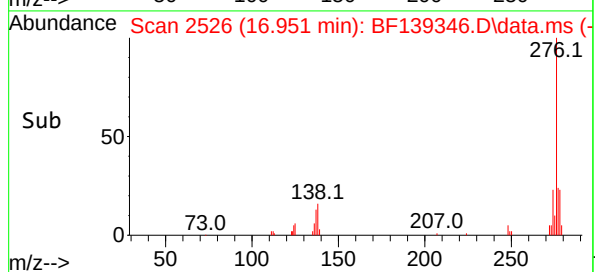
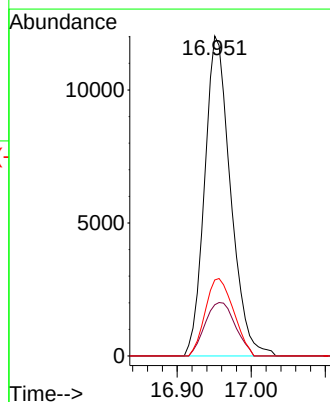
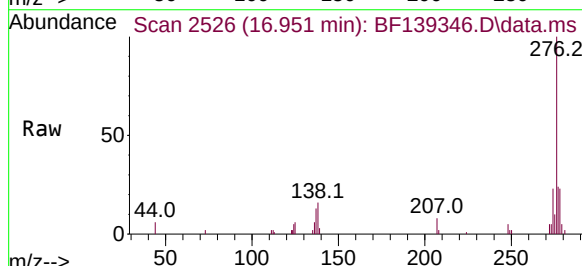
Tgt Ion:276 Resp: 29213

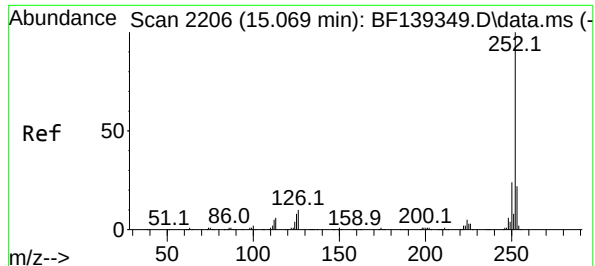
Ion Ratio Lower Upper

276 100

138 19.5 15.4 23.2

277 26.4 20.4 30.6

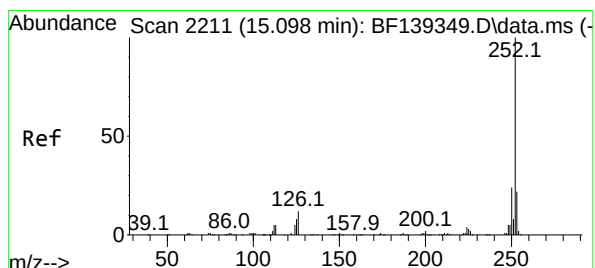
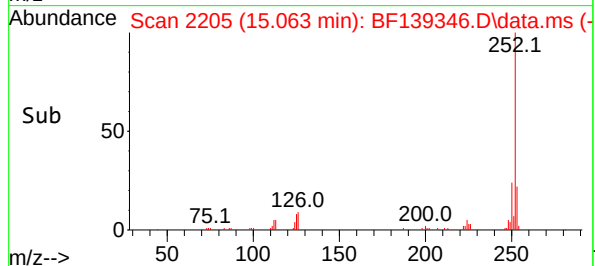
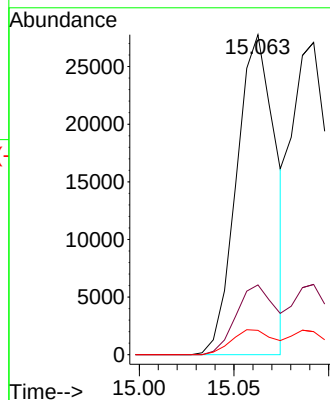
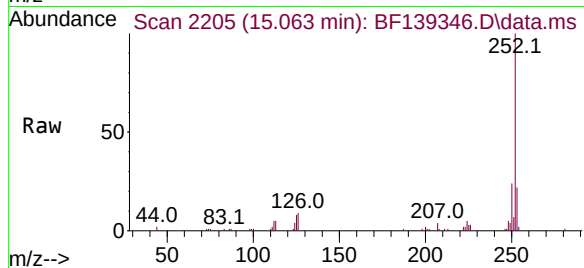




#88
Benzo(b)fluoranthene
Concen: 5.573 ng
RT: 15.063 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

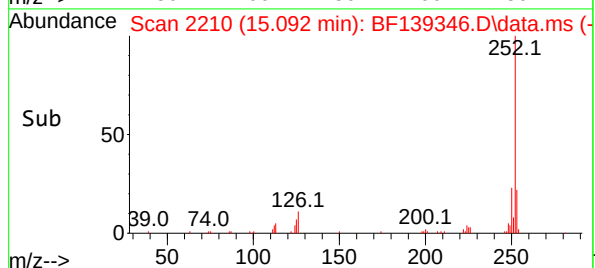
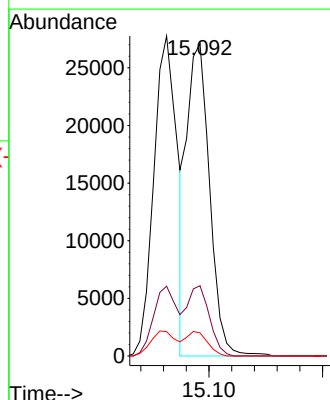
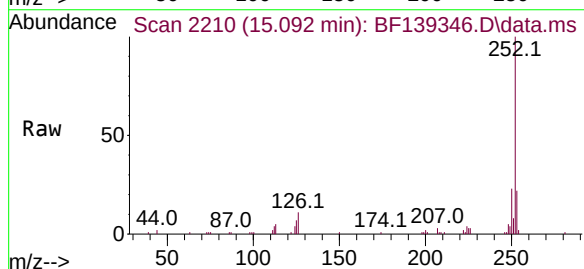
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

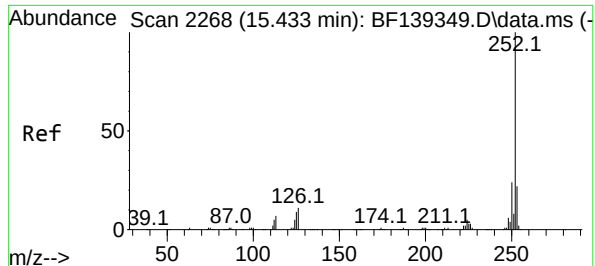
Tgt Ion:252 Resp: 39600
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 7.6 6.2 9.2



#89
Benzo(k)fluoranthene
Concen: 5.910 ng
RT: 15.092 min Scan# 2210
Delta R.T. -0.006 min
Lab File: BF139346.D
Acq: 13 Sep 2024 15:00

Tgt Ion:252 Resp: 37654
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 7.4 5.9 8.9





#90

Benzo(a)pyrene

Concen: 5.124 ng

RT: 15.427 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

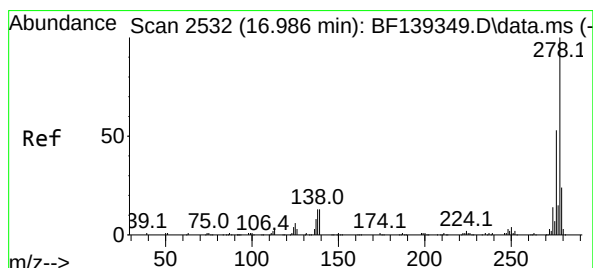
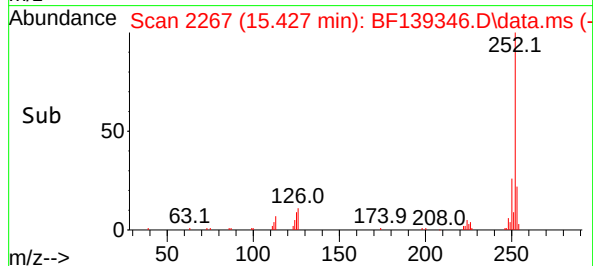
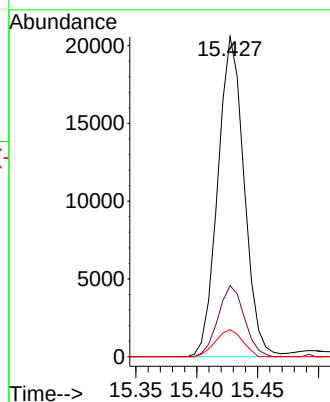
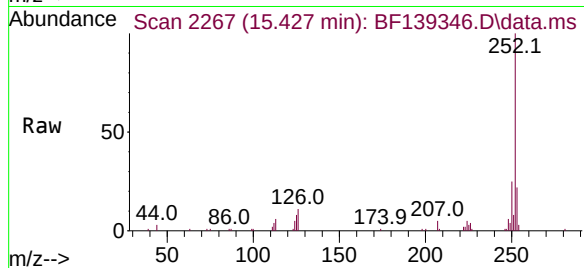
Tgt Ion:252 Resp: 30914

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 8.5 6.8 10.2



#91

Dibenzo(a,h)anthracene

Concen: 3.738 ng

RT: 16.974 min Scan# 2530

Delta R.T. -0.012 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

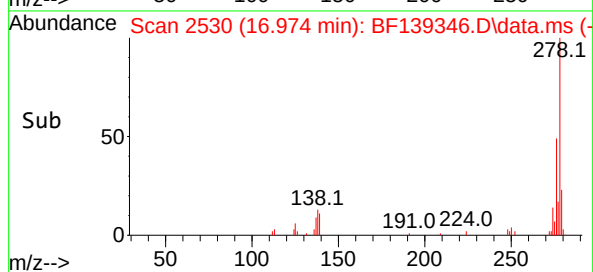
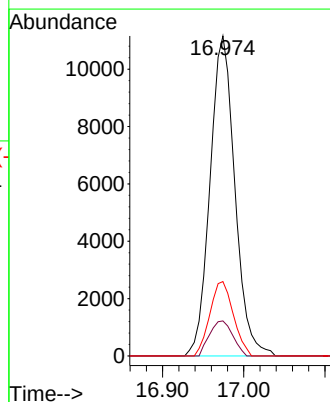
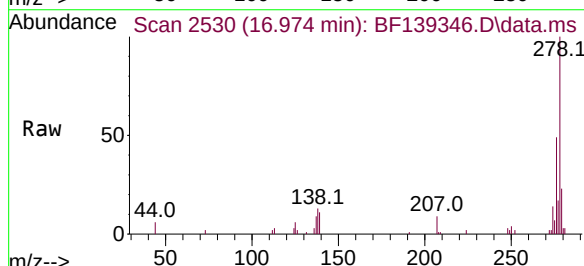
Tgt Ion:278 Resp: 23740

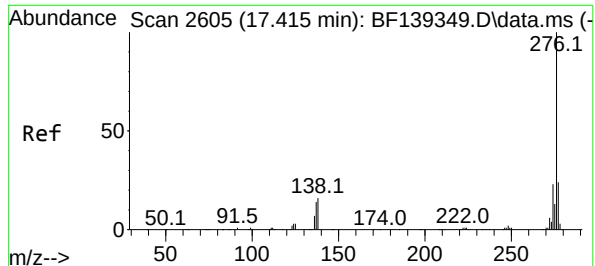
Ion Ratio Lower Upper

278 100

139 11.0 10.2 15.2

279 23.2 18.9 28.3





#92

Benzo(g,h,i)perylene

Concen: 3.789 ng

RT: 17.392 min Scan# 20

Delta R.T. -0.024 min

Lab File: BF139346.D

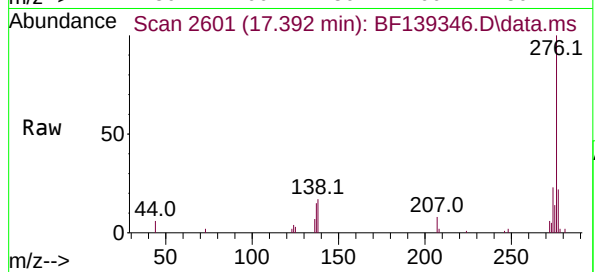
Acq: 13 Sep 2024 15:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



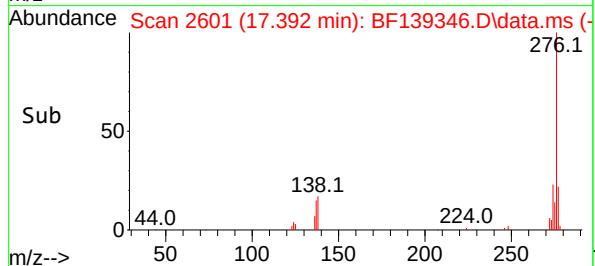
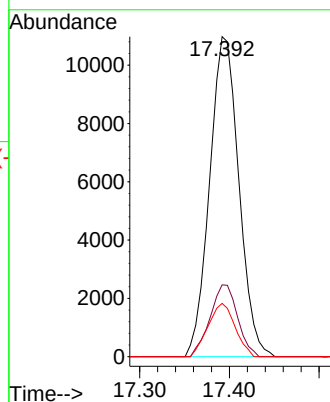
Tgt Ion:276 Resp: 24841

Ion Ratio Lower Upper

276 100

277 22.5 18.9 28.3

138 16.6 13.0 19.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
 Data File : BF139347.D
 Acq On : 13 Sep 2024 15:28
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Sep 14 02:14:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:10:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	53717	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	201664	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	115245	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	222099	20.000	ng	0.00
76) Chrysene-d12	14.027	240	158199	20.000	ng	0.00
86) Perylene-d12	15.492	264	122502	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	65675	20.453	ng	0.00
7) Phenol-d6	6.498	99	87242	20.352	ng	0.00
23) Nitrobenzene-d5	7.434	82	83657	21.581	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	23249	23.362	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	161282	21.603	ng	0.00
79) Terphenyl-d14	12.974	244	178386	18.206	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	13534	9.051	ng	97
3) Pyridine	3.416	79	29605	8.202	ng	98
4) n-Nitrosodimethylamine	3.352	42	24984	10.659	ng	97
6) Aniline	6.534	93	33088	8.394	ng	97
8) 2-Chlorophenol	6.657	128	34776	10.450	ng	99
9) Benzaldehyde	6.428	77	28274	10.896	ng	99
10) Phenol	6.510	94	45862	10.143	ng	97
11) bis(2-Chloroethyl)ether	6.610	93	31623	9.762	ng	99
12) 1,3-Dichlorobenzene	6.816	146	39989	10.616	ng	99
13) 1,4-Dichlorobenzene	6.893	146	39300	10.424	ng	98
14) 1,2-Dichlorobenzene	7.045	146	37222	10.586	ng	100
15) Benzyl Alcohol	7.010	79	35102	11.228	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	52944	8.586	ng	100
17) 2-Methylphenol	7.122	107	26846	9.876	ng	99
18) Hexachloroethane	7.387	117	15219	11.302	ng	95
19) n-Nitroso-di-n-propyla...	7.281	70	25559	10.352	ng	95
20) 3+4-Methylphenols	7.275	107	36485	10.649	ng	# 88
22) Acetophenone	7.281	105	51367	10.692	ng	97
24) Nitrobenzene	7.451	77	43986	10.691	ng	98
25) Isophorone	7.692	82	67599	10.200	ng	99
26) 2-Nitrophenol	7.769	139	15797	9.775	ng	97
27) 2,4-Dimethylphenol	7.804	122	22063	9.573	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	38096	9.648	ng	100
29) 2,4-Dichlorophenol	8.010	162	28500	10.328	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	33349	10.582	ng	99
31) Naphthalene	8.181	128	104653	10.248	ng	100
32) Benzoic acid	7.875	122	18593	8.857	ng	92
33) 4-Chloroaniline	8.228	127	32939	9.315	ng	97
34) Hexachlorobutadiene	8.298	225	23282	11.658	ng	98
35) Caprolactam	8.563	113	8646	10.121	ng	99
36) 4-Chloro-3-methylphenol	8.698	107	31957	10.627	ng	99
37) 2-Methylnaphthalene	8.869	142	65040	10.179	ng	100
38) 1-Methylnaphthalene	8.969	142	65274	10.387	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	32822	10.066	ng	99
41) Hexachlorocyclopentadiene	9.022	237	11284	10.768	ng	100
43) 2,4,6-Trichlorophenol	9.145	196	21505	10.080	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
 Data File : BF139347.D
 Acq On : 13 Sep 2024 15:28
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Sep 14 02:14:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:10:24 2024
 Response via : Initial Calibration

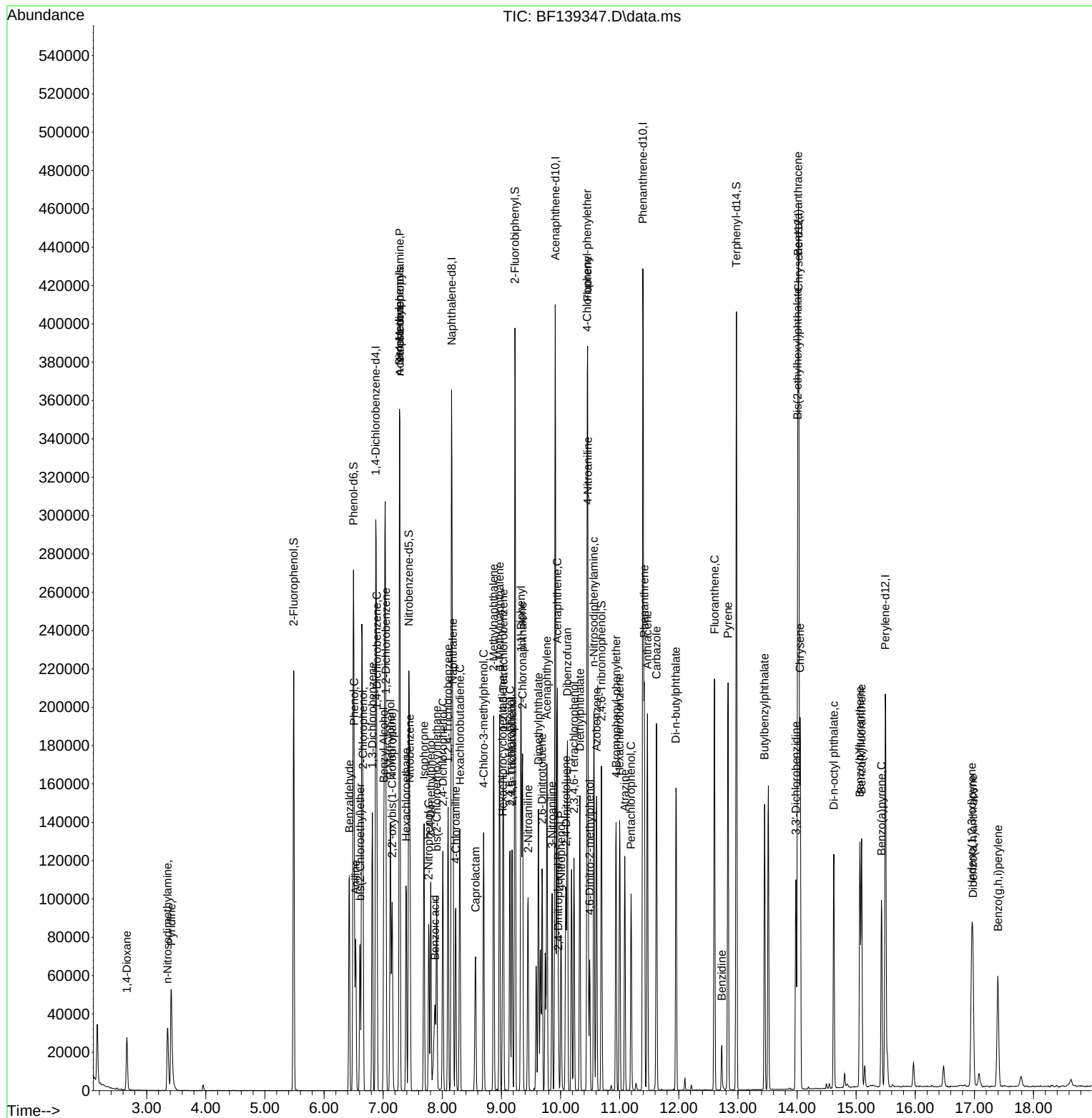
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	22415	10.026	ng	99
46) 1,1'-Biphenyl	9.334	154	85183	9.976	ng	98
47) 2-Chloronaphthalene	9.357	162	63947	9.918	ng	98
48) 2-Nitroaniline	9.451	65	23443	10.556	ng	94
49) Acenaphthylene	9.769	152	98269	10.120	ng	99
50) Dimethylphthalate	9.628	163	73968	10.590	ng	100
51) 2,6-Dinitrotoluene	9.686	165	15845	9.999	ng	91
52) Acenaphthene	9.945	154	65732	10.206	ng	99
53) 3-Nitroaniline	9.857	138	15917	9.428	ng	96
54) 2,4-Dinitrophenol	9.963	184	6191	9.124	ng	# 82
55) Dibenzofuran	10.116	168	96142	10.412	ng	98
56) 4-Nitrophenol	10.010	139	13161	10.561	ng	92
57) 2,4-Dinitrotoluene	10.092	165	21031	10.427	ng	99
58) Fluorene	10.457	166	76225	10.647	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	18817	10.693	ng	99
60) Diethylphthalate	10.328	149	74418	10.826	ng	98
61) 4-Chlorophenyl-phenyle...	10.451	204	36753	10.645	ng	99
62) 4-Nitroaniline	10.463	138	18177	11.310	ng	95
63) Azobenzene	10.610	77	74109	10.229	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	10162	9.902	ng	97
66) n-Nitrosodiphenylamine	10.563	169	62625	9.687	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	20673	9.594	ng	98
68) Hexachlorobenzene	10.998	284	25459	10.320	ng	96
69) Atrazine	11.086	200	18272	12.250	ng	98
70) Pentachlorophenol	11.192	266	14381	10.092	ng	99
71) Phenanthrene	11.416	178	103026	9.930	ng	99
72) Anthracene	11.469	178	100952	9.960	ng	99
73) Carbazole	11.622	167	99653	10.520	ng	98
74) Di-n-butylphthalate	11.951	149	107918	11.126	ng	100
75) Fluoranthene	12.604	202	121289	11.660	ng	99
77) Benzidine	12.727	184	14345	4.503	ng	98
78) Pyrene	12.833	202	123993	8.114	ng	99
80) Butylbenzylphthalate	13.451	149	43639	12.130	ng	98
81) Benzo(a)anthracene	14.016	228	101798	10.077	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	30382	11.325	ng	99
83) Chrysene	14.051	228	95429	10.122	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	56206	13.311	ng	100
85) Di-n-octyl phthalate	14.621	149	75430	9.330	ng	98
87) Indeno(1,2,3-cd)pyrene	16.957	276	62757	8.200	ng	99
88) Benzo(b)fluoranthene	15.063	252	72770	10.315	ng	99
89) Benzo(k)fluoranthene	15.092	252	74218	11.733	ng	100
90) Benzo(a)pyrene	15.427	252	60345	10.073	ng	99
91) Dibenzo(a,h)anthracene	16.974	278	51908	8.231	ng	99
92) Benzo(g,h,i)perylene	17.398	276	51824	7.961	ng	98

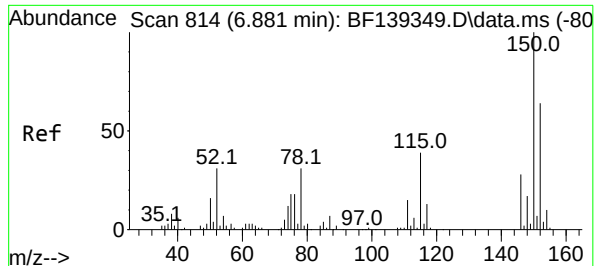
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139347.D
Acq On : 13 Sep 2024 15:28
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

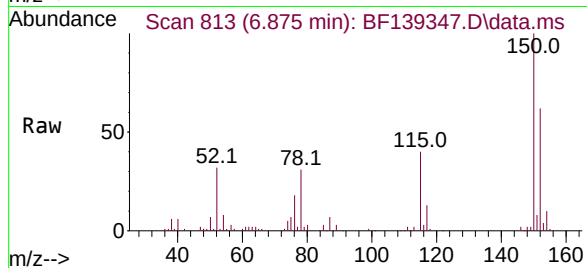
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:10:24 2024
Response via : Initial Calibration



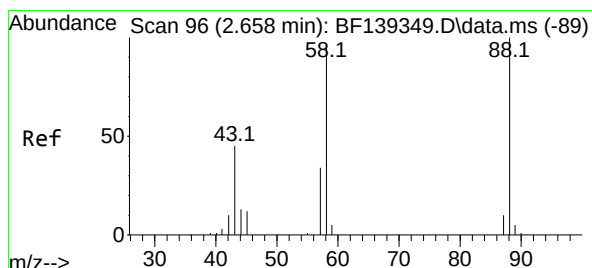
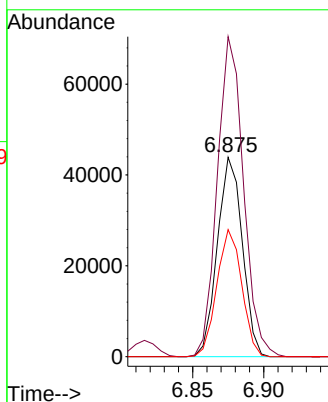
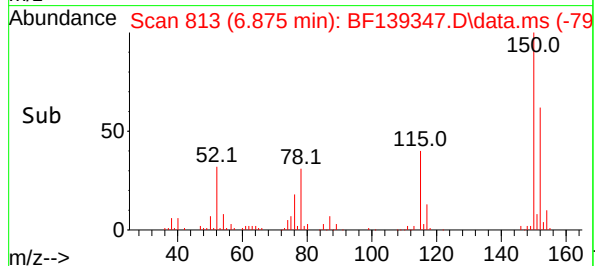


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

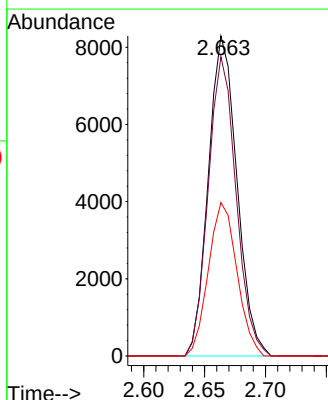
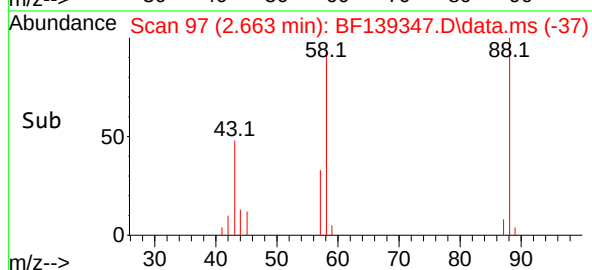
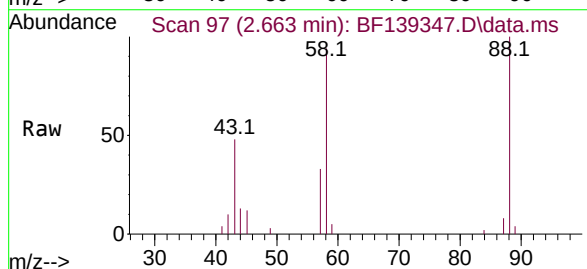


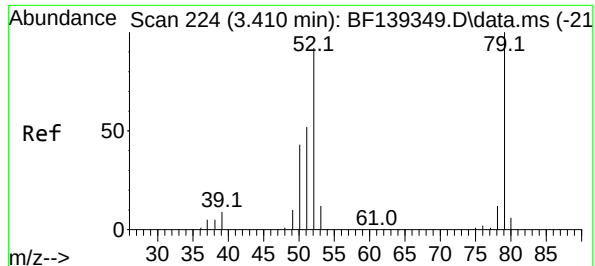
Tgt Ion:152 Resp: 53717
Ion Ratio Lower Upper
152 100
150 160.5 124.1 186.1
115 63.7 48.1 72.1



#2
1,4-Dioxane
Concen: 9.051 ng
RT: 2.663 min Scan# 97
Delta R.T. 0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion: 88 Resp: 13534
Ion Ratio Lower Upper
88 100
58 91.3 74.8 112.2
43 47.9 36.4 54.6





#3

Pyridine

Concen: 8.202 ng

RT: 3.416 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

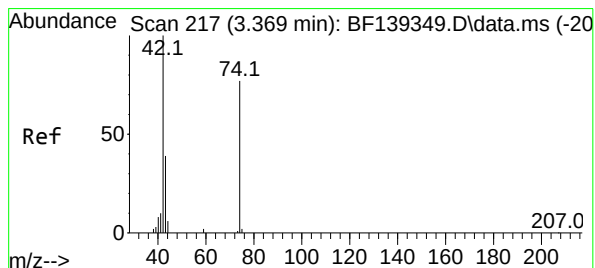
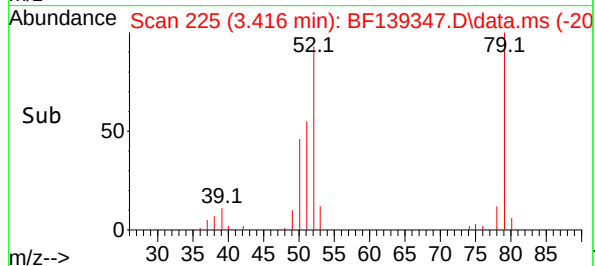
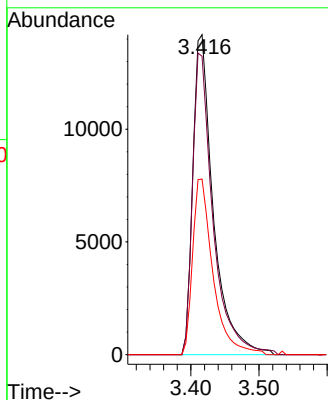
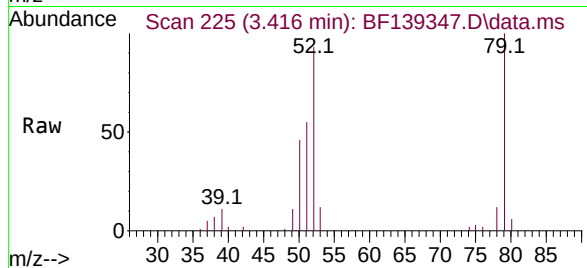
Tgt Ion: 79 Resp: 29605

Ion Ratio Lower Upper

79 100

52 93.3 73.8 110.8

51 54.9 41.8 62.6



#4

n-Nitrosodimethylamine

Concen: 10.659 ng

RT: 3.352 min Scan# 214

Delta R.T. -0.018 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

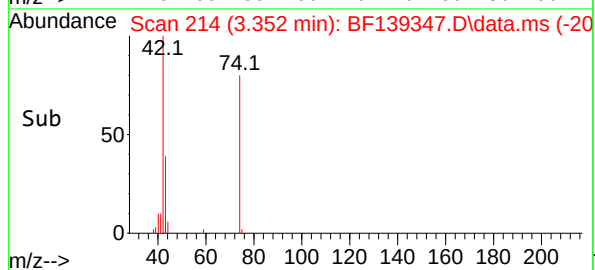
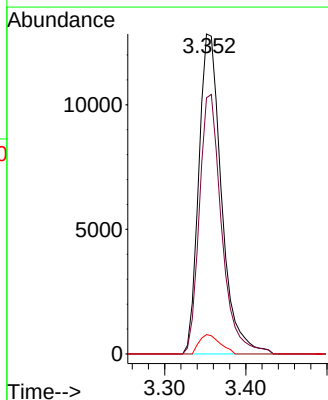
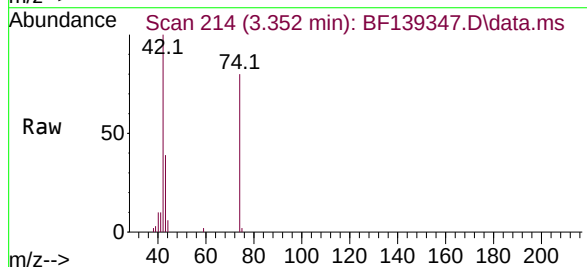
Tgt Ion: 42 Resp: 24984

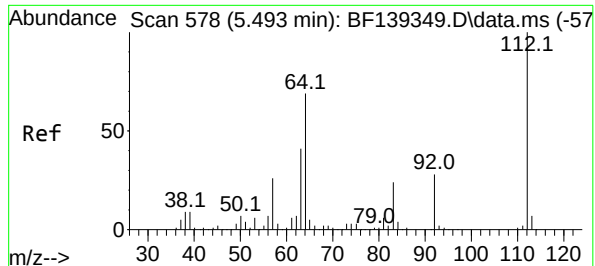
Ion Ratio Lower Upper

42 100

74 80.1 61.8 92.8

44 6.1 4.8 7.2

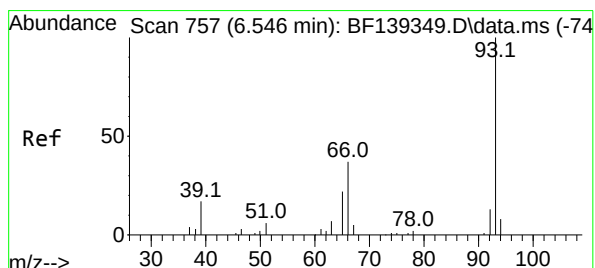
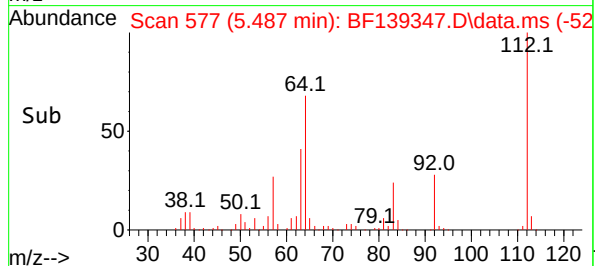
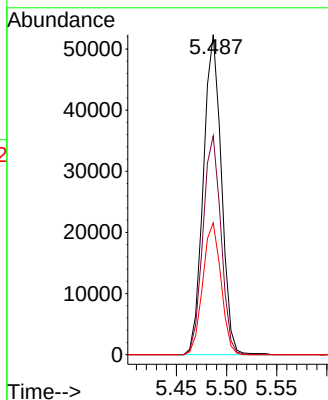
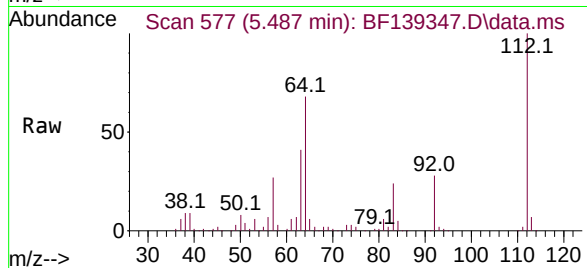




#5
2-Fluorophenol
Concen: 20.453 ng
RT: 5.487 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

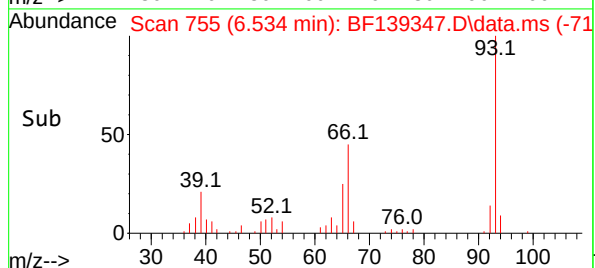
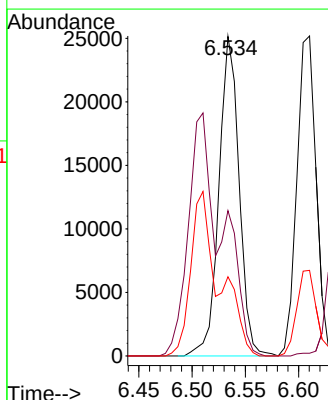
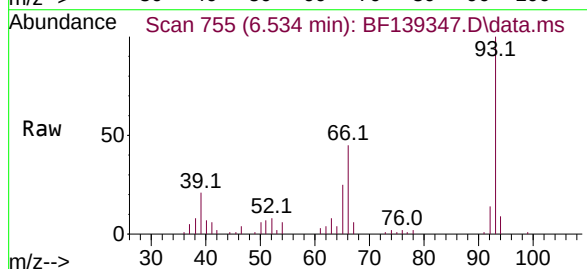
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

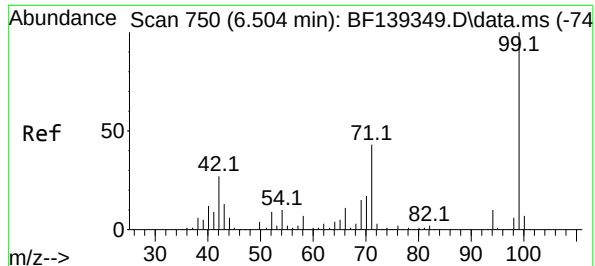
Tgt Ion:112 Resp: 65675
Ion Ratio Lower Upper
112 100
64 68.4 54.8 82.2
63 41.2 33.0 49.4



#6
Aniline
Concen: 8.394 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.035 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion: 93 Resp: 33088
Ion Ratio Lower Upper
93 100
66 45.5 35.4 53.0
65 24.8 18.2 27.4





#7

Phenol-d6

Concen: 20.352 ng

RT: 6.498 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

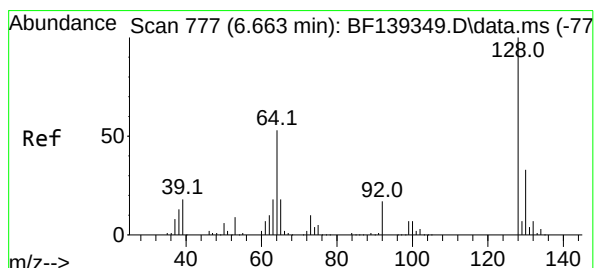
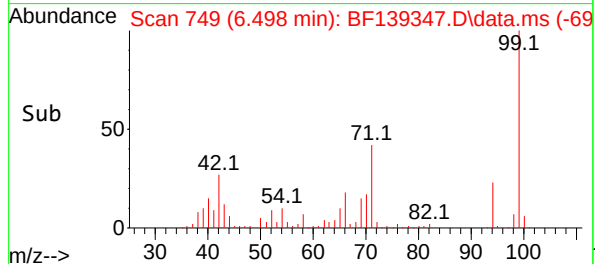
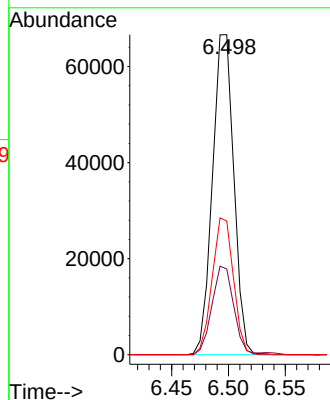
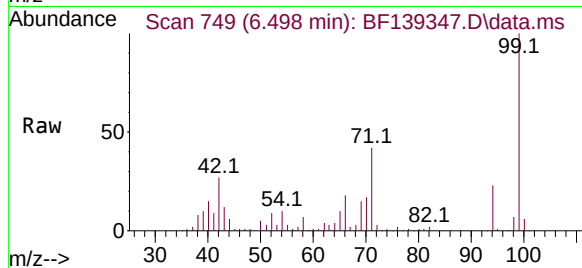
Tgt Ion: 99 Resp: 87242

Ion Ratio Lower Upper

99 100

42 26.8 21.9 32.9

71 41.7 34.6 52.0



#8

2-Chlorophenol

Concen: 10.450 ng

RT: 6.657 min Scan# 776

Delta R.T. -0.006 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

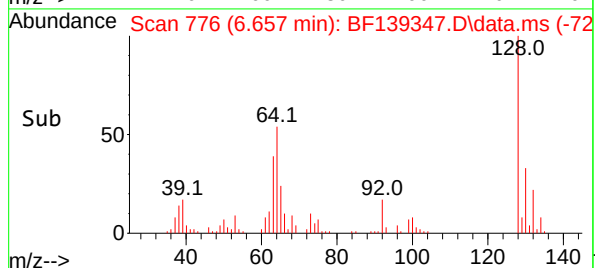
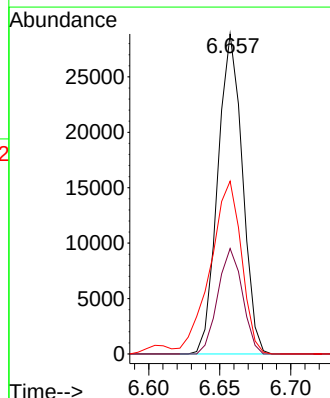
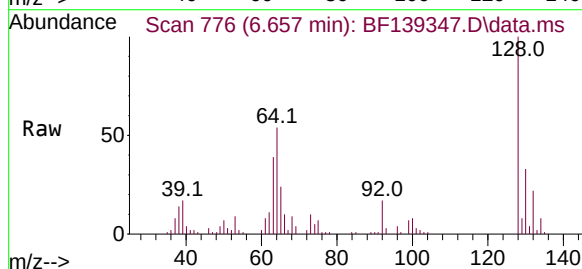
Tgt Ion: 128 Resp: 34776

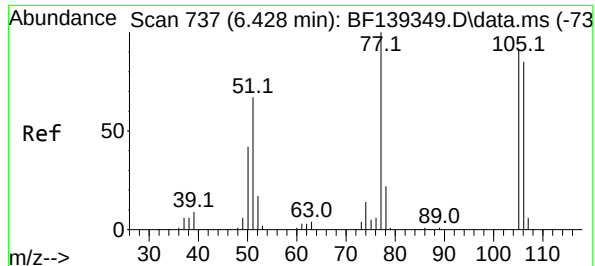
Ion Ratio Lower Upper

128 100

130 33.0 12.8 52.8

64 54.0 35.1 75.1





#9

Benzaldehyde

Concen: 10.896 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

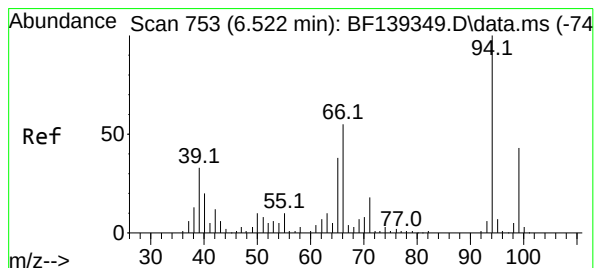
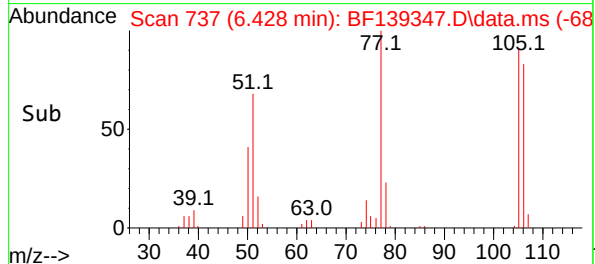
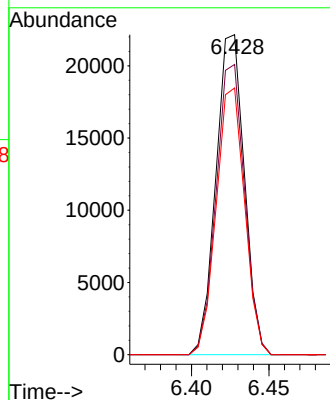
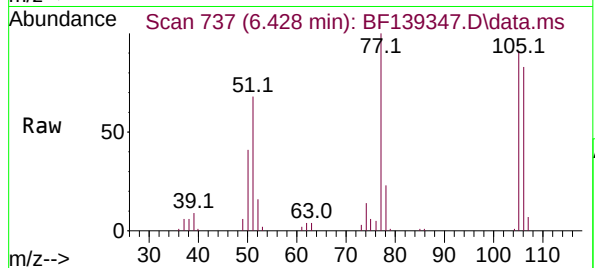
Tgt Ion: 77 Resp: 28274

Ion Ratio Lower Upper

77 100

105 90.7 71.0 111.0

106 83.4 64.9 104.9



#10

Phenol

Concen: 10.143 ng

RT: 6.510 min Scan# 751

Delta R.T. -0.012 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

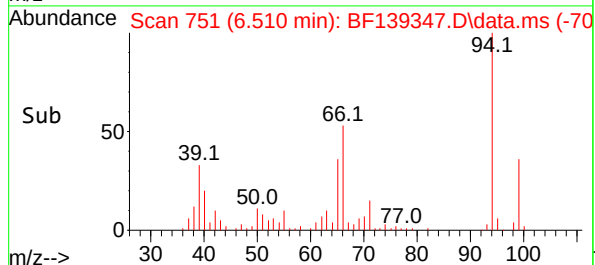
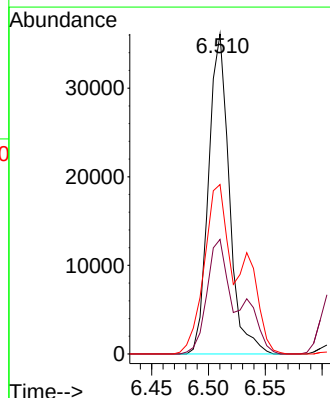
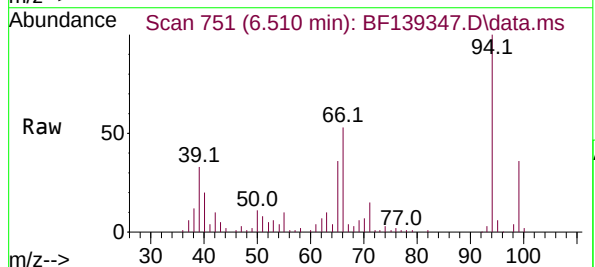
Tgt Ion: 94 Resp: 45862

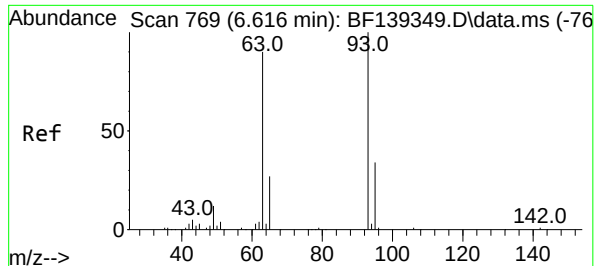
Ion Ratio Lower Upper

94 100

65 35.8 17.6 57.6

66 53.0 35.2 75.2





#11

bis(2-Chloroethyl)ether

Concen: 9.762 ng

RT: 6.610 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

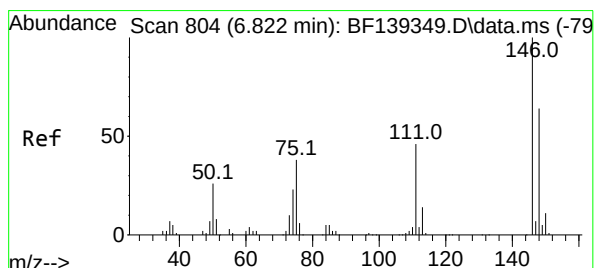
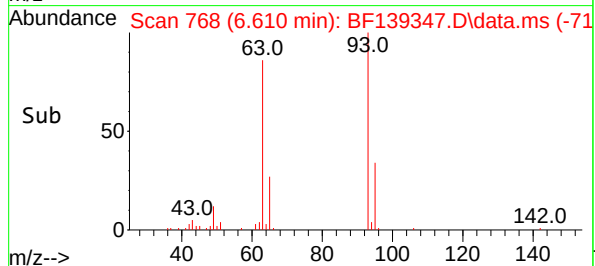
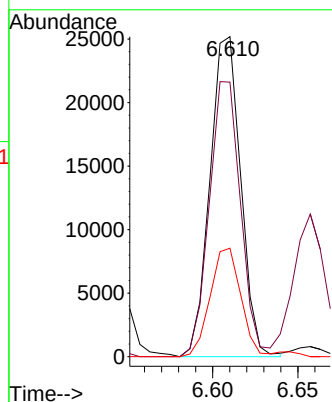
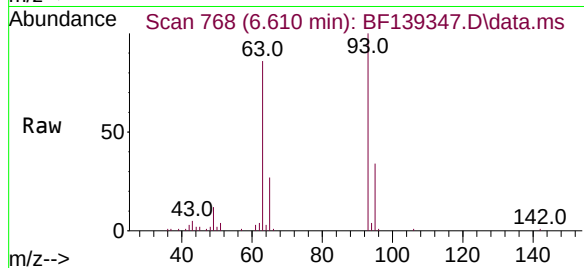
Tgt Ion: 93 Resp: 31623

Ion Ratio Lower Upper

93 100

63 85.8 65.3 105.3

95 33.9 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 10.616 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

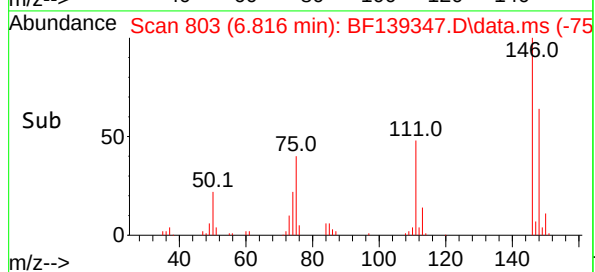
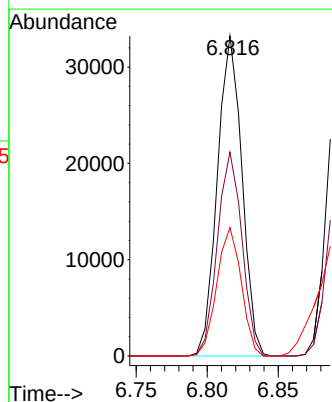
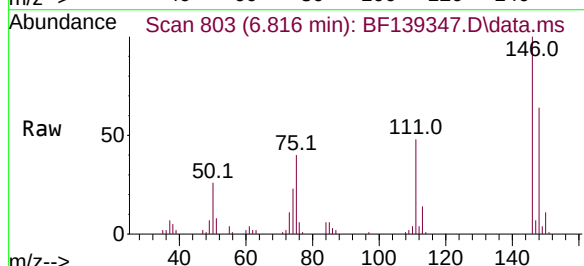
Tgt Ion: 146 Resp: 39989

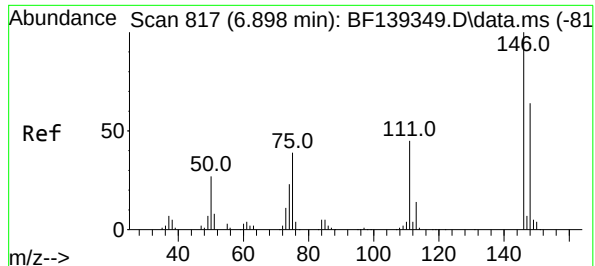
Ion Ratio Lower Upper

146 100

148 63.7 51.2 76.8

75 40.1 30.6 46.0





#13

1,4-Dichlorobenzene

Concen: 10.424 ng

RT: 6.893 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

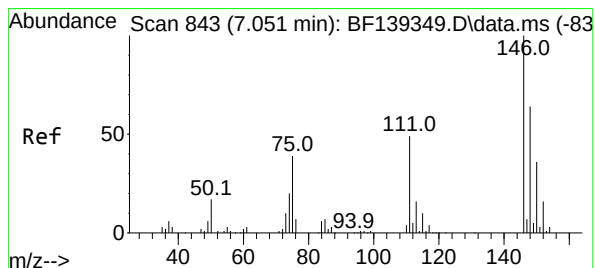
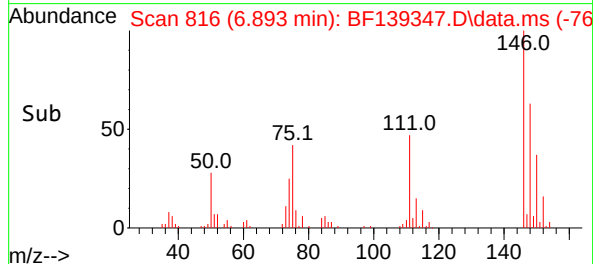
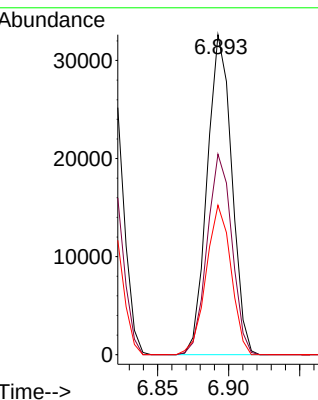
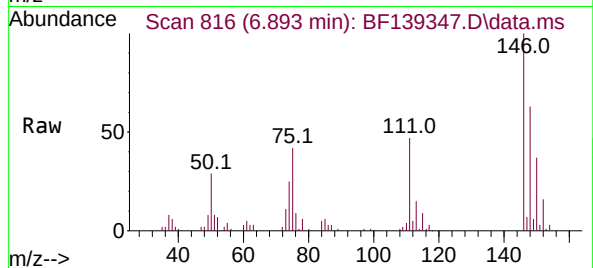
Tgt Ion:146 Resp: 39300

Ion Ratio Lower Upper

146 100

148 62.6 50.9 76.3

111 46.7 36.3 54.5



#14

1,2-Dichlorobenzene

Concen: 10.586 ng

RT: 7.045 min Scan# 842

Delta R.T. -0.006 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

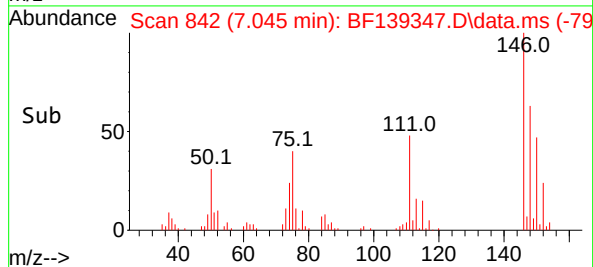
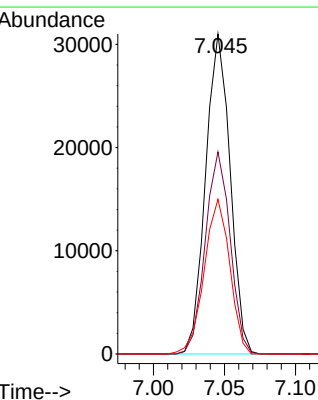
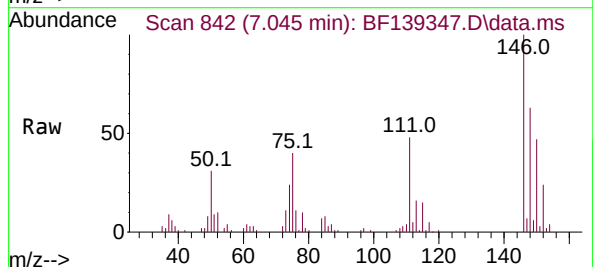
Tgt Ion:146 Resp: 37222

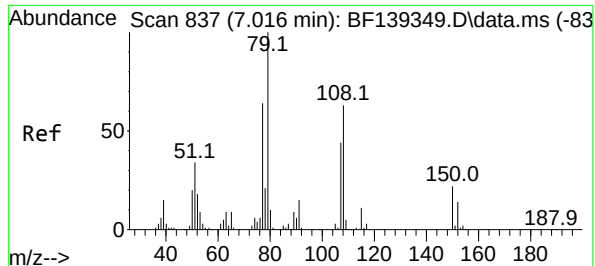
Ion Ratio Lower Upper

146 100

148 63.1 50.9 76.3

111 48.4 38.9 58.3





#15

Benzyl Alcohol

Concen: 11.228 ng

RT: 7.010 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

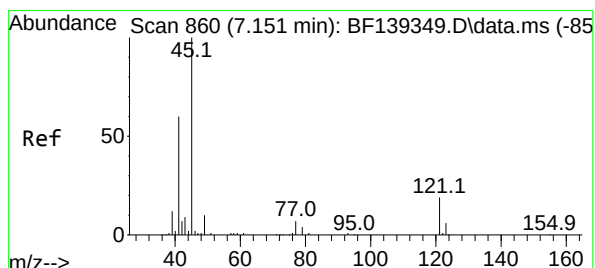
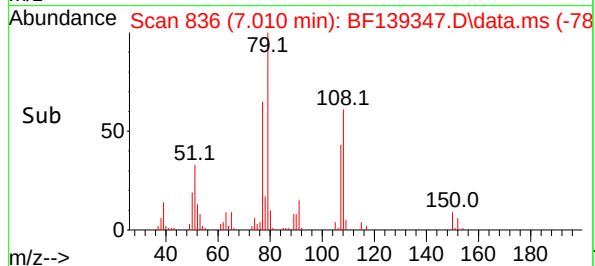
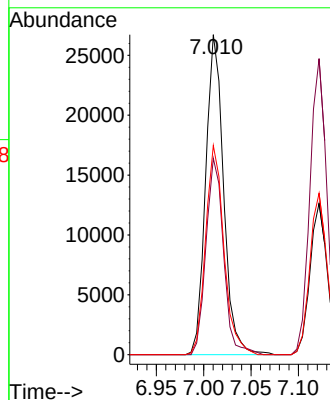
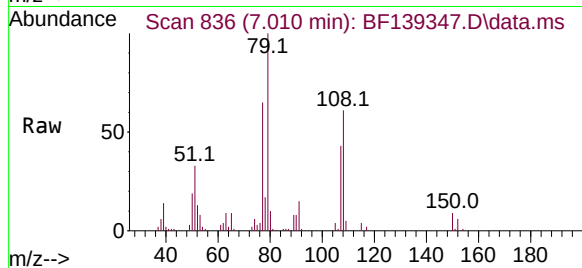
Tgt Ion: 79 Resp: 35102

Ion Ratio Lower Upper

79 100

108 61.3 50.4 75.6

77 65.4 51.4 77.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 8.586 ng

RT: 7.151 min Scan# 860

Delta R.T. -0.000 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

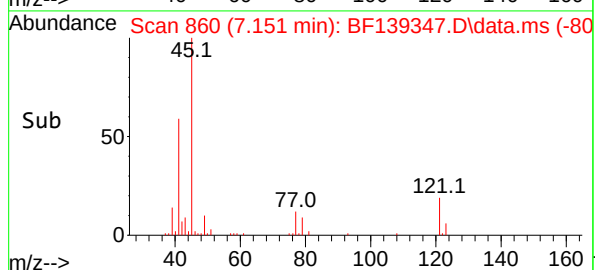
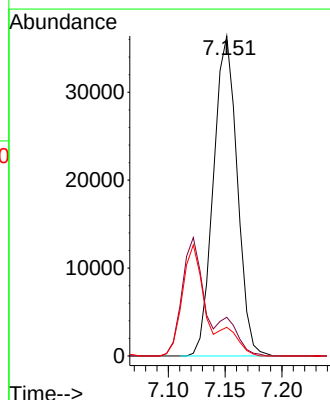
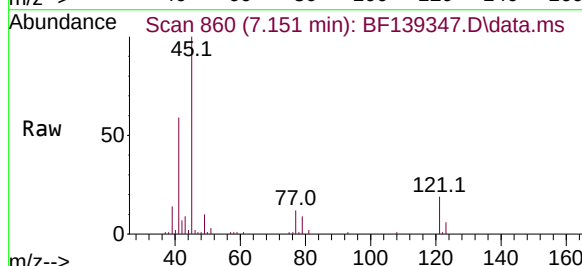
Tgt Ion: 45 Resp: 52944

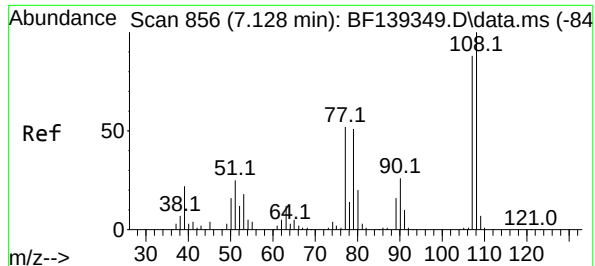
Ion Ratio Lower Upper

45 100

77 12.1 0.0 32.0

79 9.0 0.0 29.1

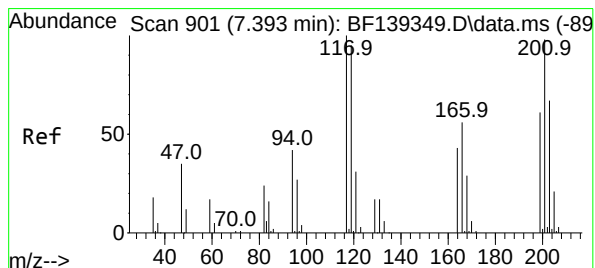
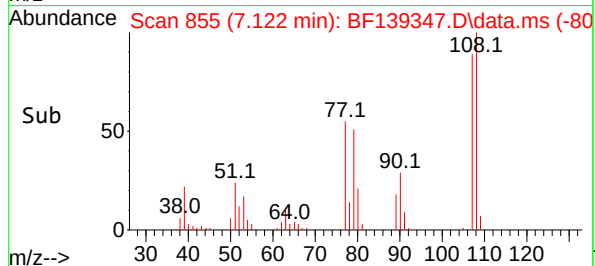
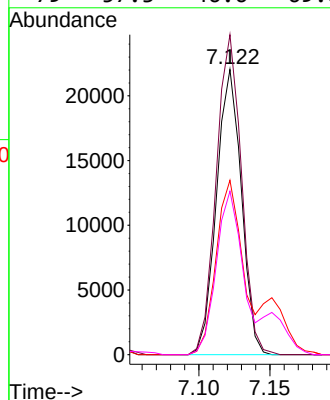
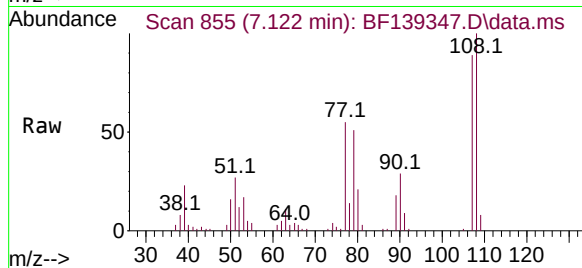




#17
2-Methylphenol
Concen: 9.876 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

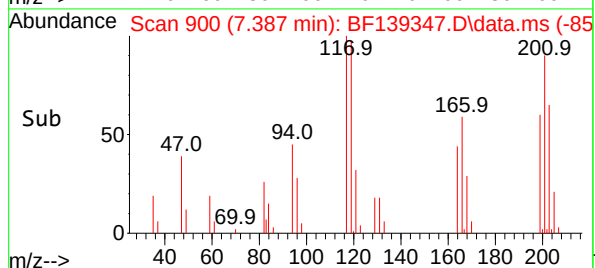
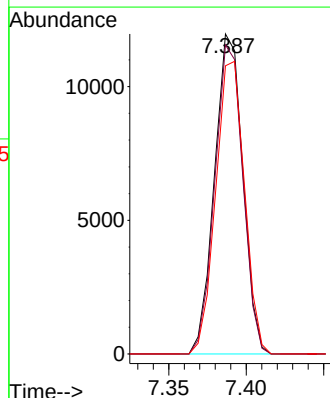
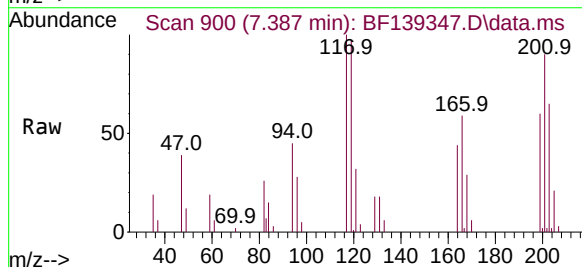
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

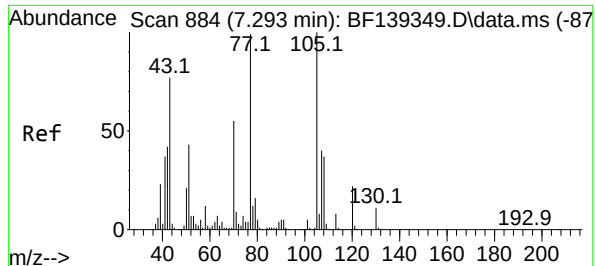
Tgt Ion:107 Resp: 26846
Ion Ratio Lower Upper
107 100
108 112.2 90.5 135.7
77 61.1 47.1 70.7
79 57.3 46.6 69.8



#18
Hexachloroethane
Concen: 11.302 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion:117 Resp: 15219
Ion Ratio Lower Upper
117 100
119 96.5 75.8 113.8
201 90.1 78.6 118.0





#19

n-Nitroso-di-n-propylamine

Concen: 10.352 ng

RT: 7.281 min Scan# 881

Delta R.T. -0.012 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 25559

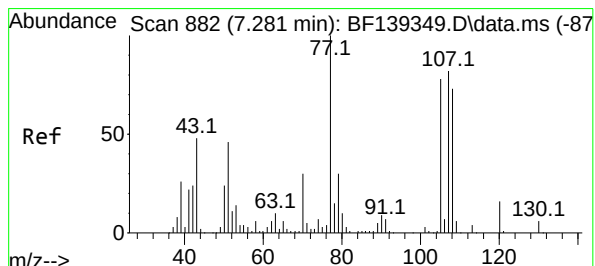
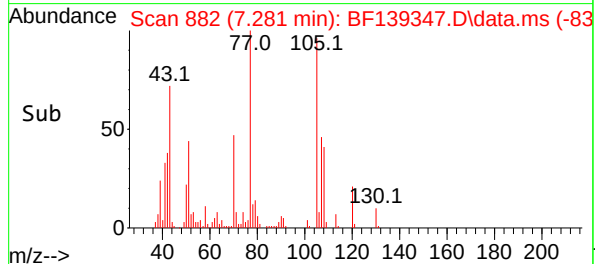
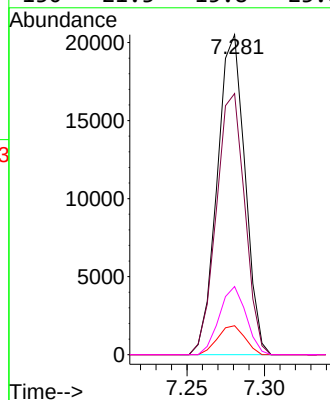
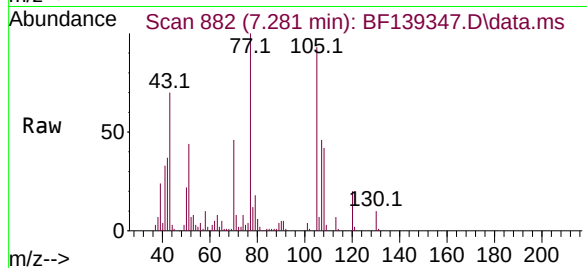
Ion Ratio Lower Upper

70 100

42 81.6 61.2 91.8

101 9.0 7.5 11.3

130 21.3 15.8 23.8



#20

3+4-Methylphenols

Concen: 10.649 ng

RT: 7.275 min Scan# 881

Delta R.T. -0.006 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

Tgt Ion: 107 Resp: 36485

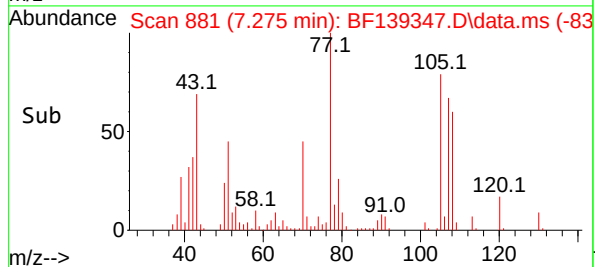
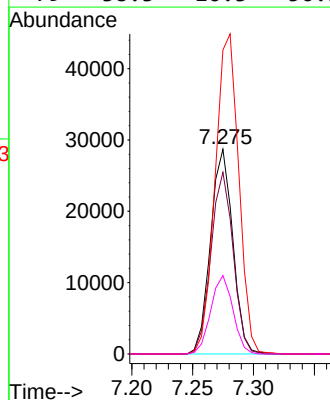
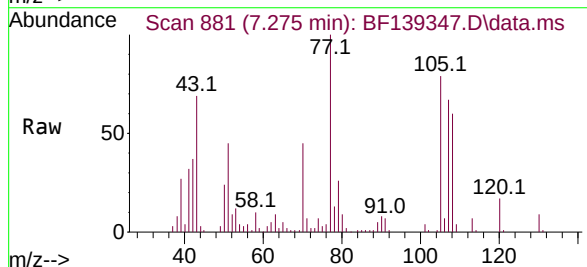
Ion Ratio Lower Upper

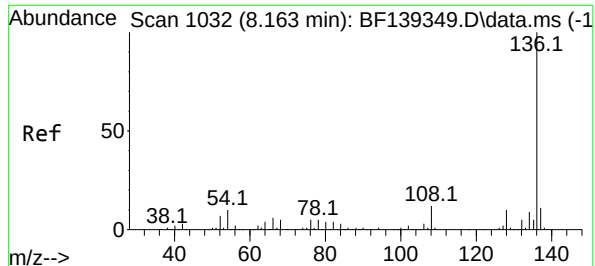
107 100

108 88.7 68.6 108.6

77 148.5 101.6 141.6#

79 38.3 16.3 56.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1031

Delta R.T. -0.006 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:136 Resp: 201664

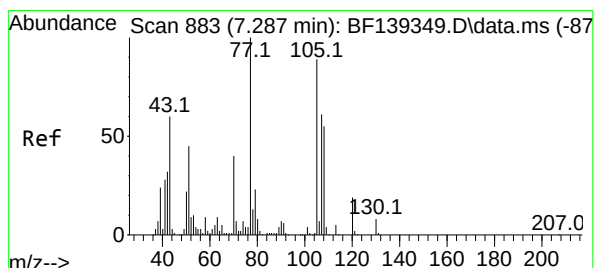
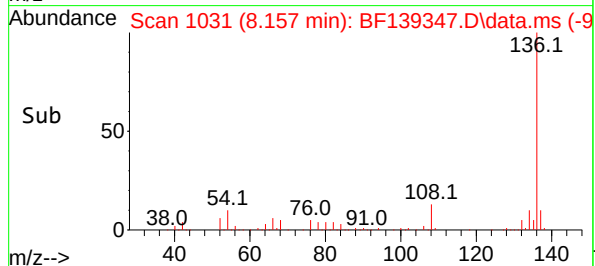
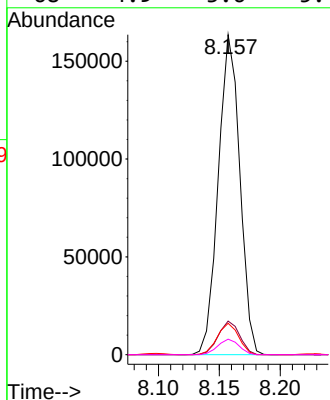
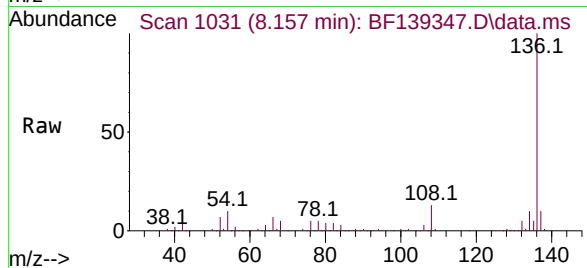
Ion Ratio Lower Upper

136 100

137 10.5 8.6 12.8

54 9.8 7.8 11.8

68 4.9 3.6 5.4



#22

Acetophenone

Concen: 10.692 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

Tgt Ion:105 Resp: 51367

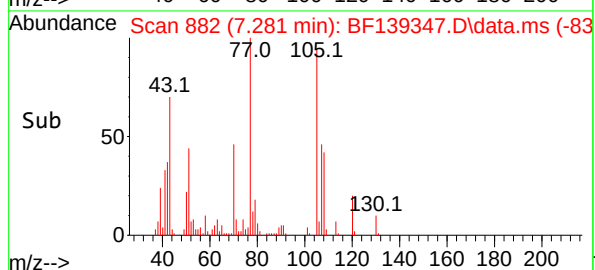
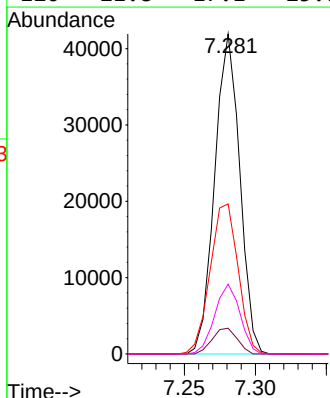
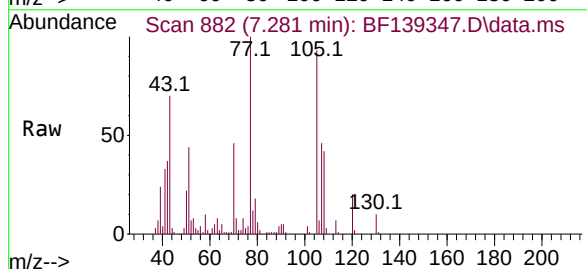
Ion Ratio Lower Upper

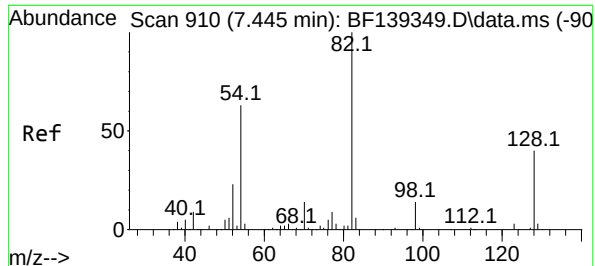
105 100

71 8.1 5.9 8.9

51 46.9 40.0 60.0

120 21.8 17.1 25.7





#23

Nitrobenzene-d5

Concen: 21.581 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

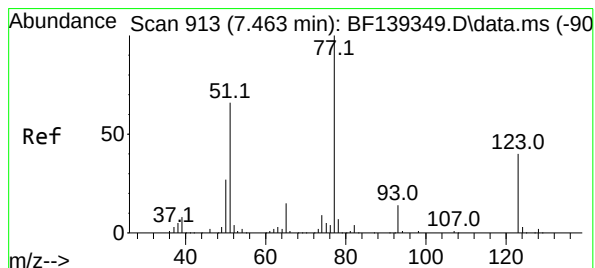
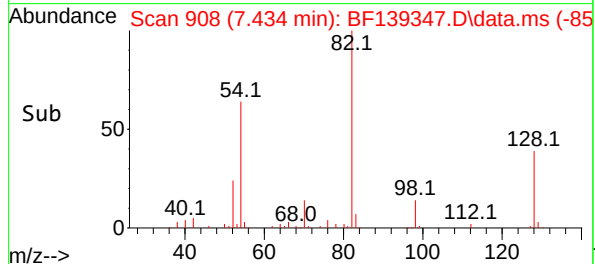
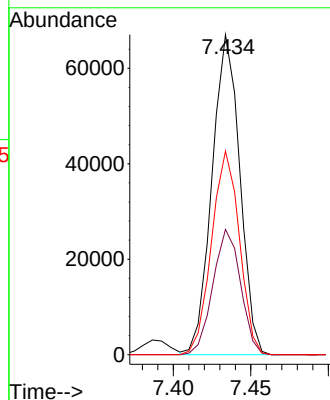
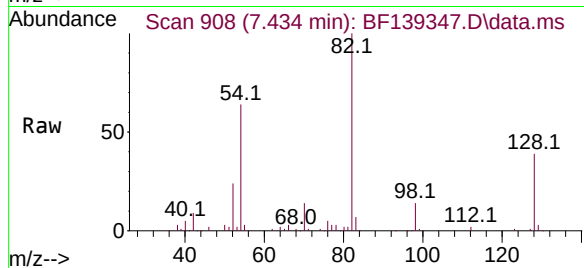
Tgt Ion: 82 Resp: 83657

Ion Ratio Lower Upper

82 100

128 39.1 31.8 47.6

54 63.6 50.6 75.8



#24

Nitrobenzene

Concen: 10.691 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

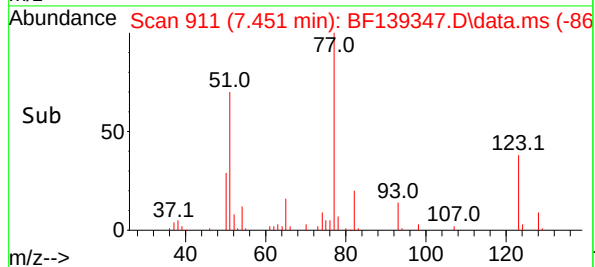
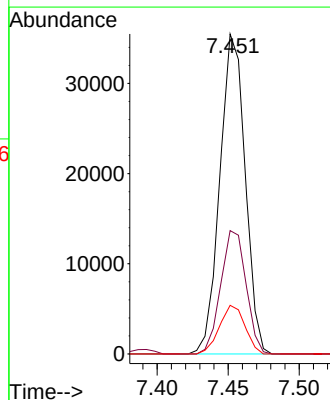
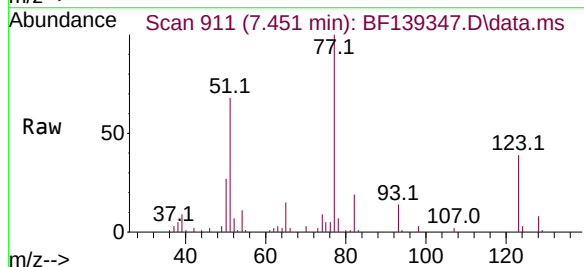
Tgt Ion: 77 Resp: 43986

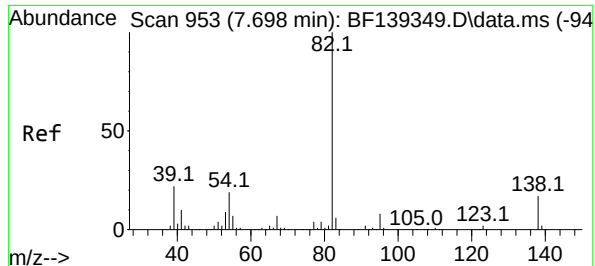
Ion Ratio Lower Upper

77 100

123 38.5 32.2 48.4

65 15.2 12.2 18.4





#25

Isophorone

Concen: 10.200 ng

RT: 7.692 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

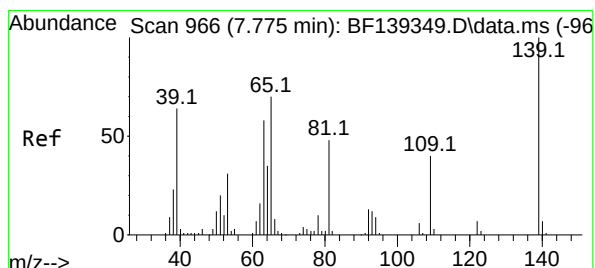
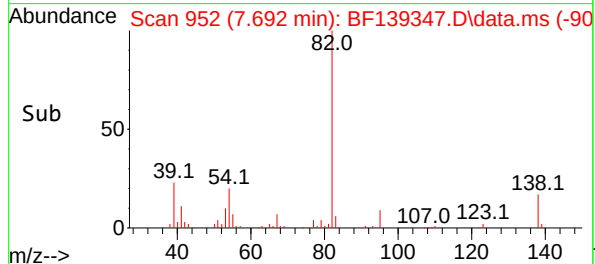
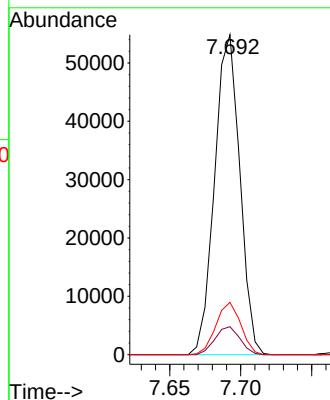
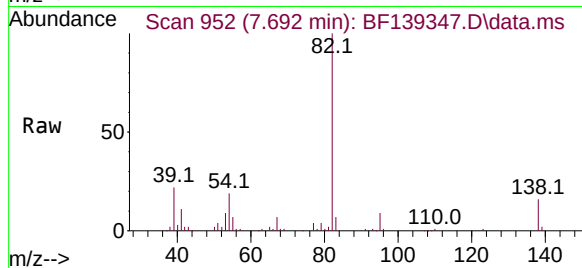
Tgt Ion: 82 Resp: 67599

Ion Ratio Lower Upper

82 100

95 8.7 6.7 10.1

138 16.3 13.3 19.9



#26

2-Nitrophenol

Concen: 9.775 ng

RT: 7.769 min Scan# 965

Delta R.T. -0.006 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

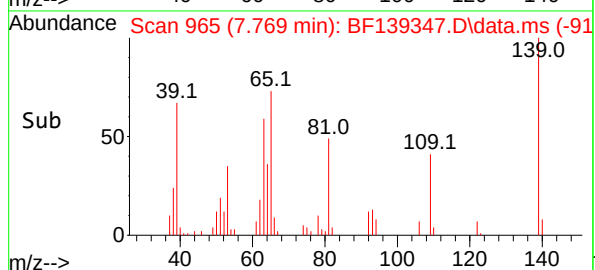
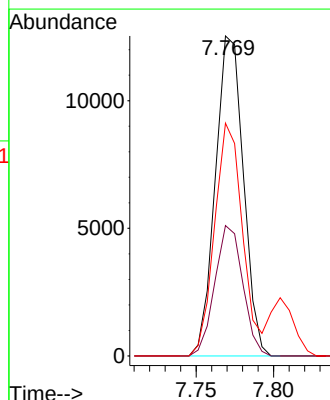
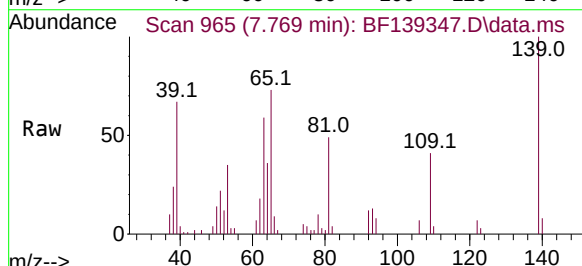
Tgt Ion:139 Resp: 15797

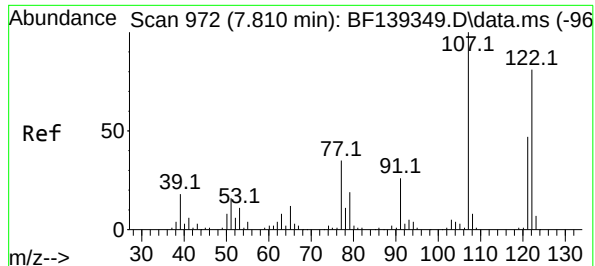
Ion Ratio Lower Upper

139 100

109 40.8 32.2 48.2

65 72.7 55.8 83.8





#27

2,4-Dimethylphenol

Concen: 9.573 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

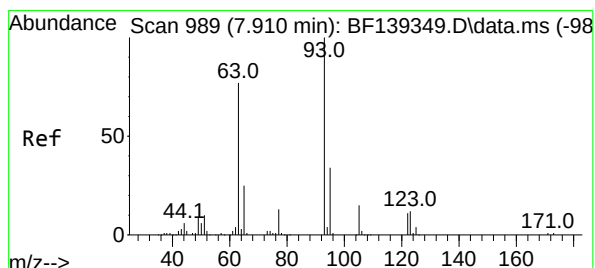
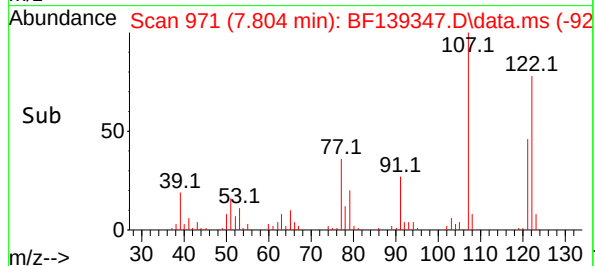
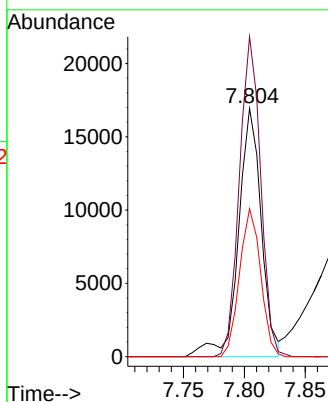
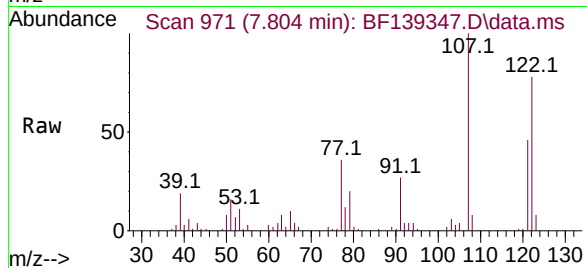
Tgt Ion:122 Resp: 22063

Ion Ratio Lower Upper

122 100

107 128.8 99.1 148.7

121 59.5 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 9.648 ng

RT: 7.904 min Scan# 988

Delta R.T. -0.006 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

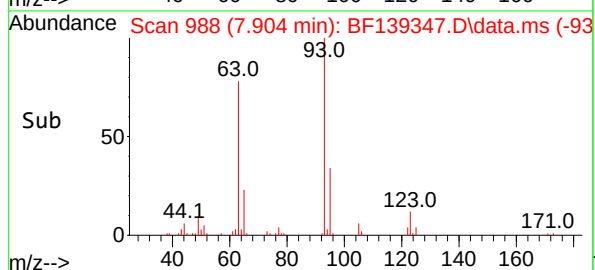
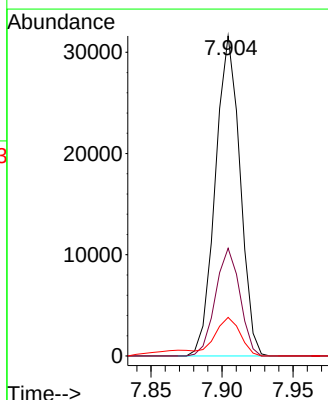
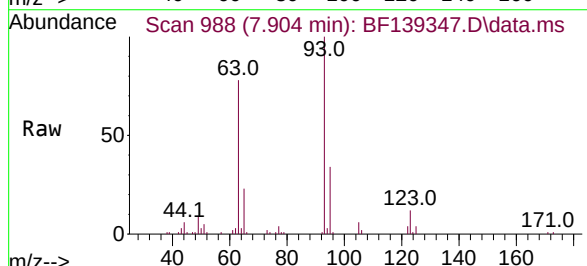
Tgt Ion: 93 Resp: 38096

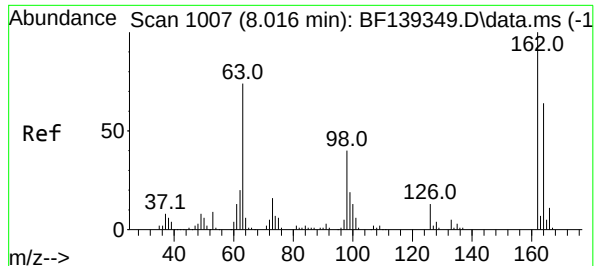
Ion Ratio Lower Upper

93 100

95 33.6 26.9 40.3

123 12.1 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 10.328 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF139347.D

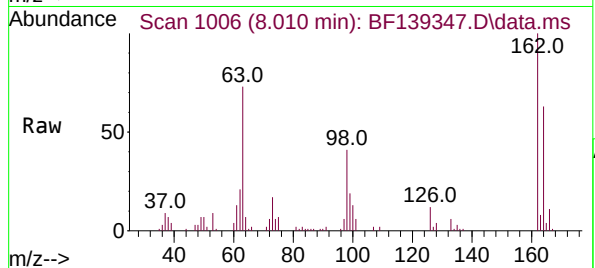
Acq: 13 Sep 2024 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



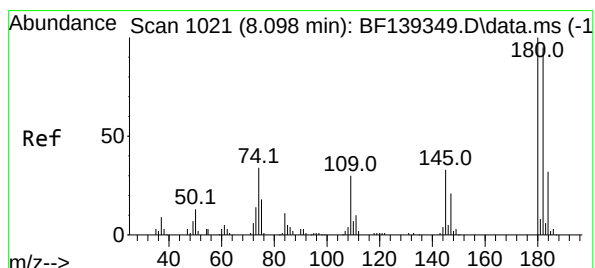
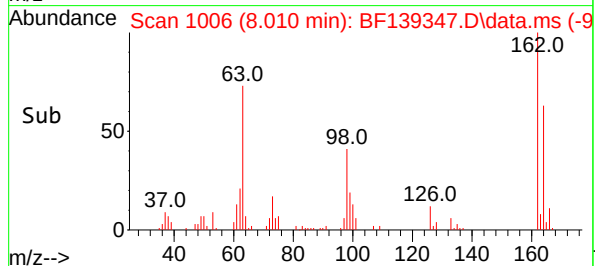
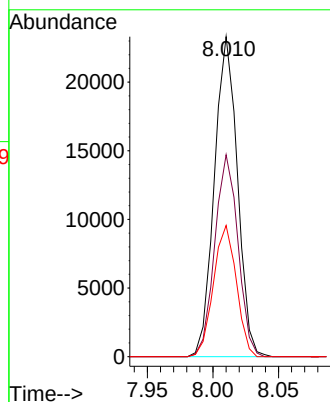
Tgt Ion:162 Resp: 28500

Ion Ratio Lower Upper

162 100

164 63.1 43.6 83.6

98 41.0 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 10.582 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

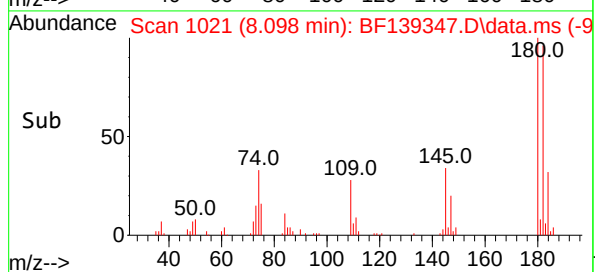
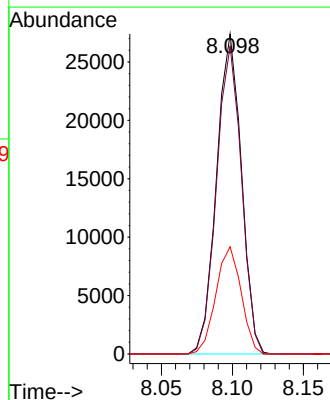
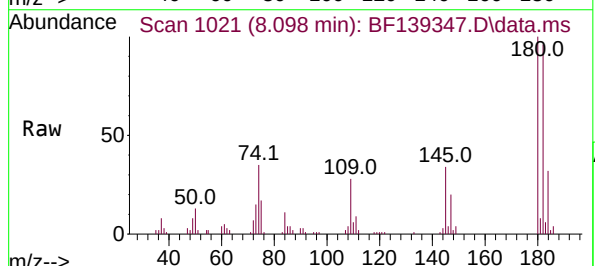
Tgt Ion:180 Resp: 33349

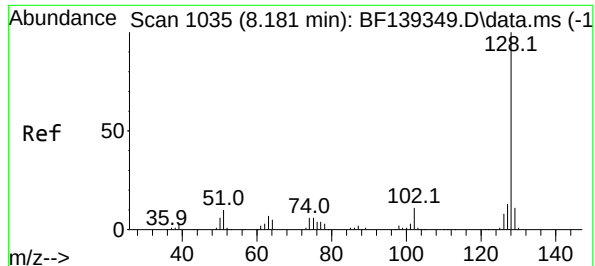
Ion Ratio Lower Upper

180 100

182 96.1 75.7 113.5

145 33.5 26.5 39.7





#31

Naphthalene

Concen: 10.248 ng

RT: 8.181 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

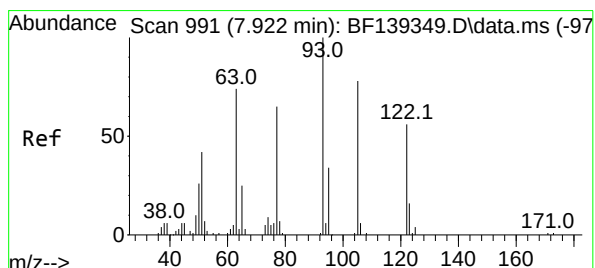
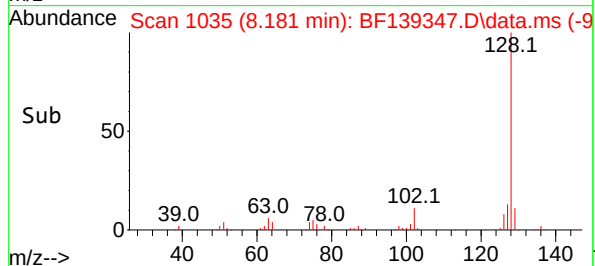
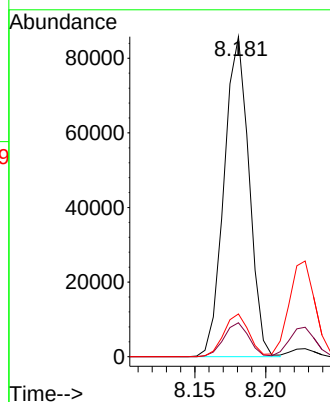
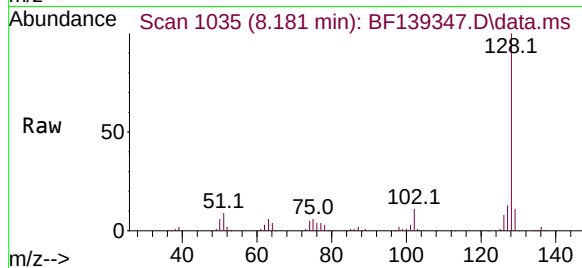
Tgt Ion:128 Resp: 104653

Ion Ratio Lower Upper

128 100

129 10.6 8.6 13.0

127 13.4 10.6 16.0



#32

Benzoic acid

Concen: 8.857 ng

RT: 7.875 min Scan# 983

Delta R.T. -0.047 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

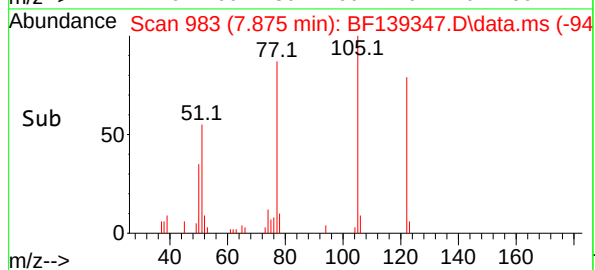
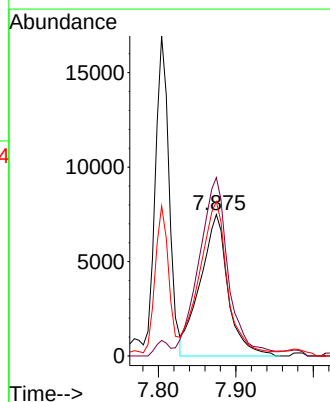
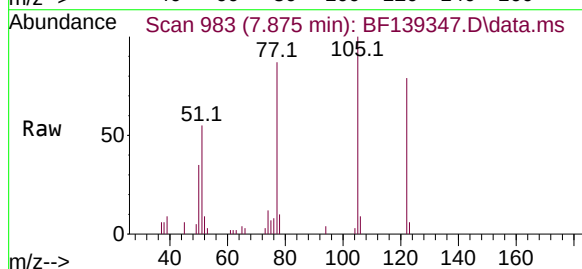
Tgt Ion:122 Resp: 18593

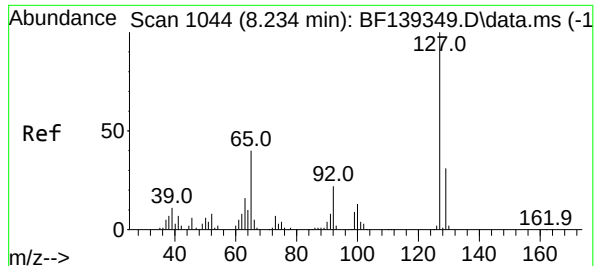
Ion Ratio Lower Upper

122 100

105 126.1 117.1 157.1

77 109.1 95.4 135.4





#33

4-Chloroaniline

Concen: 9.315 ng

RT: 8.228 min Scan# 1043

Delta R.T. -0.006 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:127 Resp: 32939

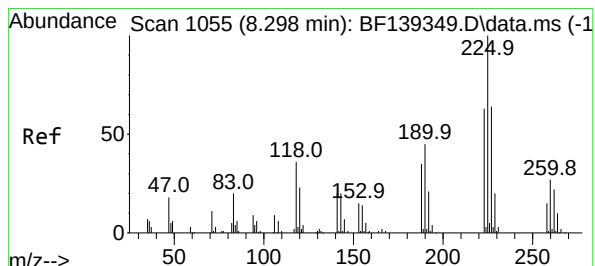
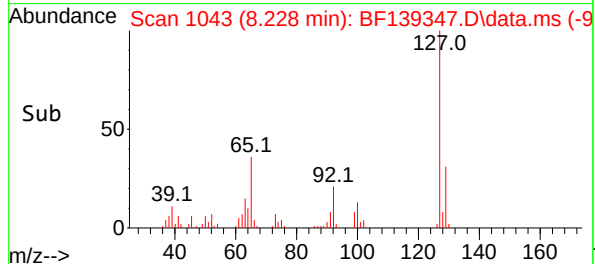
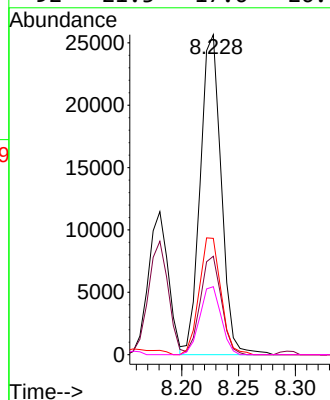
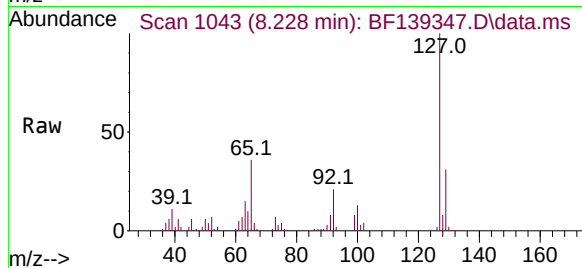
Ion Ratio Lower Upper

127 100

129 30.7 25.5 38.3

65 36.3 31.5 47.3

92 21.3 17.6 26.4



#34

Hexachlorobutadiene

Concen: 11.658 ng

RT: 8.298 min Scan# 1055

Delta R.T. -0.000 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

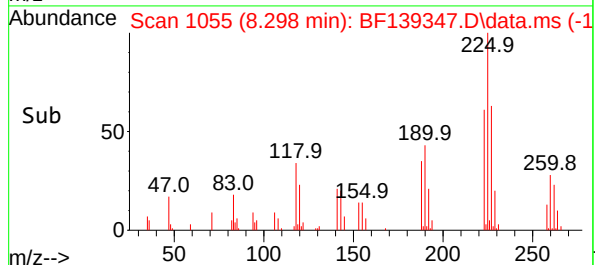
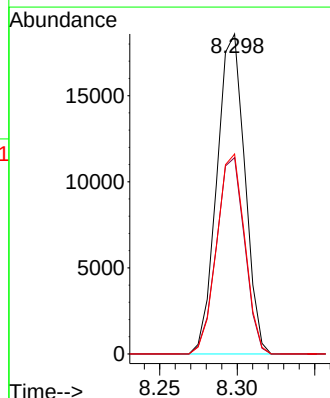
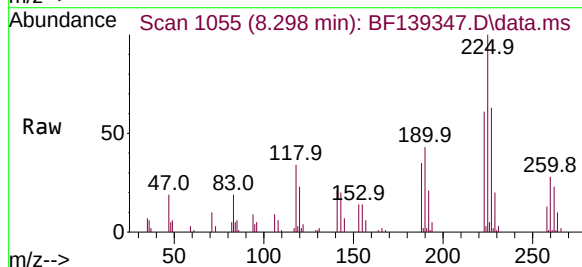
Tgt Ion:225 Resp: 23282

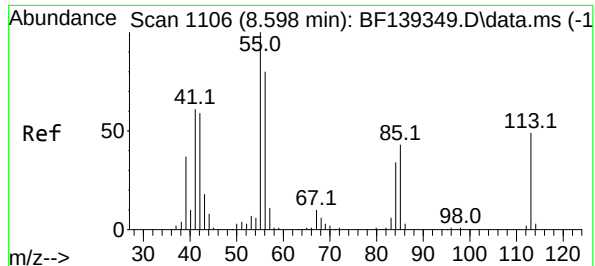
Ion Ratio Lower Upper

225 100

223 61.3 50.1 75.1

227 62.5 51.0 76.6

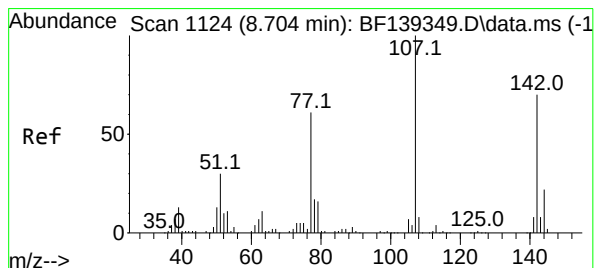
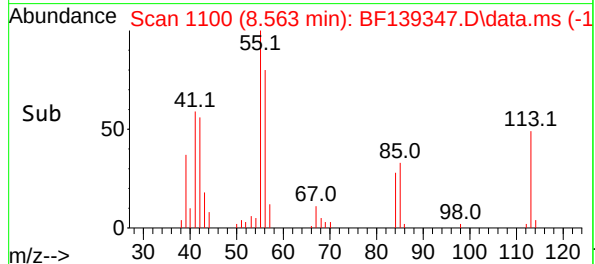
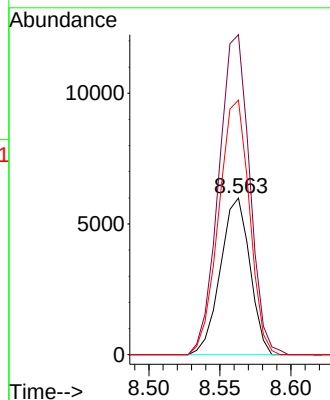
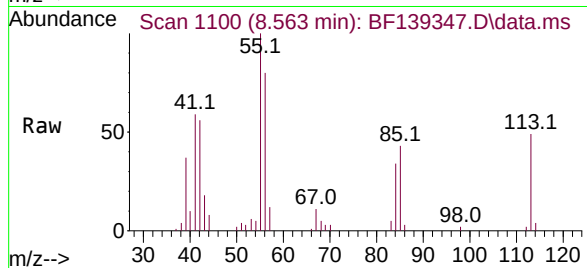




#35
Caprolactam
Concen: 10.121 ng
RT: 8.563 min Scan# 1106
Delta R.T. -0.035 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

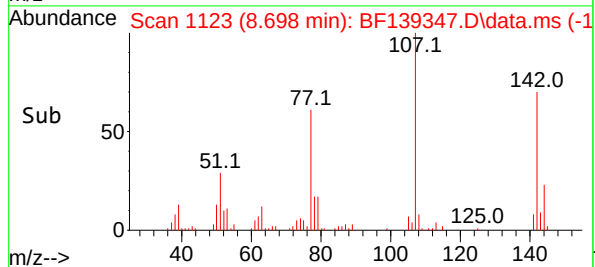
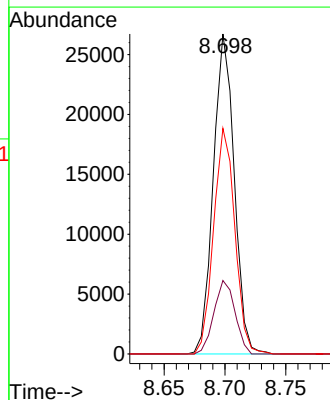
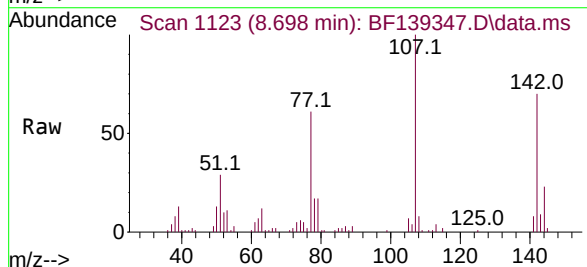
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

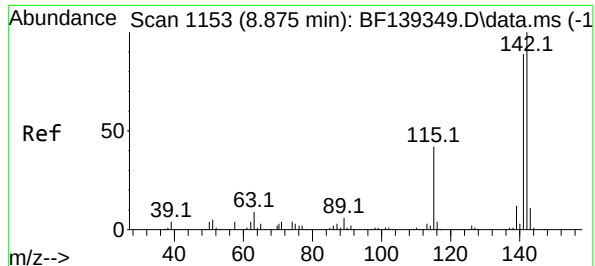
Tgt Ion:113 Resp: 8646
Ion Ratio Lower Upper
113 100
55 204.2 186.1 226.1
56 162.5 144.9 184.9



#36
4-Chloro-3-methylphenol
Concen: 10.627 ng
RT: 8.698 min Scan# 1123
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion:107 Resp: 31957
Ion Ratio Lower Upper
107 100
144 22.9 17.5 26.3
142 70.5 55.8 83.8





#37

2-Methylnaphthalene

Concen: 10.179 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

Instrument :

BNA_F

ClientSampleId :

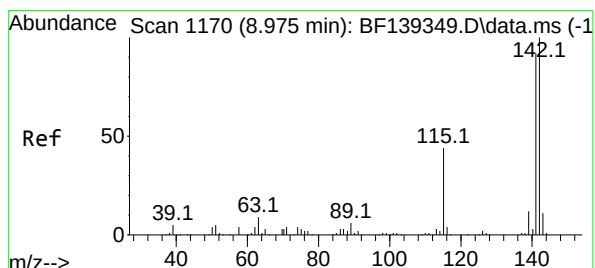
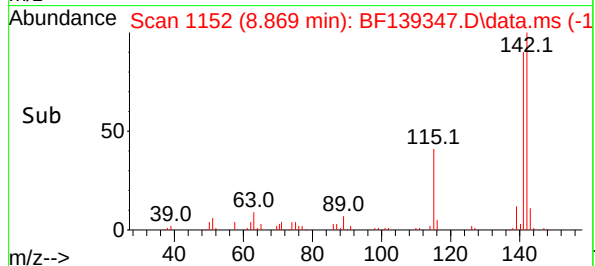
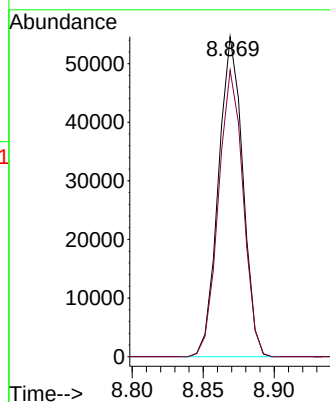
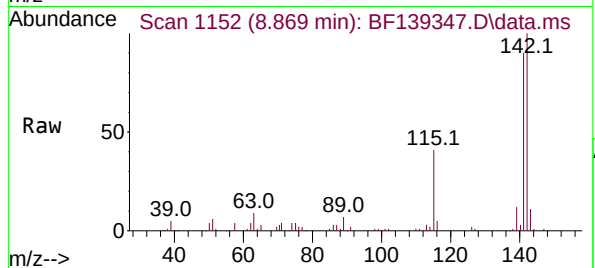
SSTDICC010

Tgt Ion:142 Resp: 65040

Ion Ratio Lower Upper

142 100

141 89.5 71.6 107.4



#38

1-Methylnaphthalene

Concen: 10.387 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF139347.D

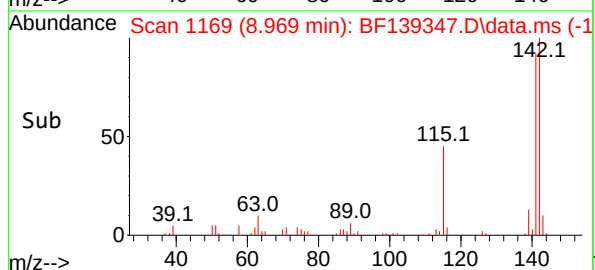
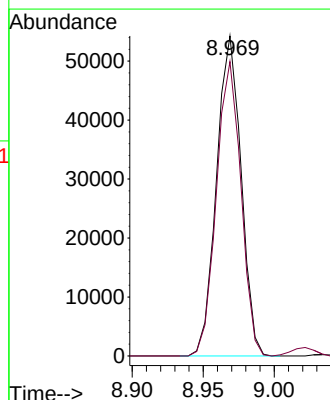
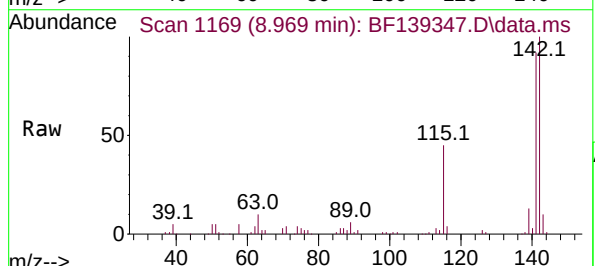
Acq: 13 Sep 2024 15:28

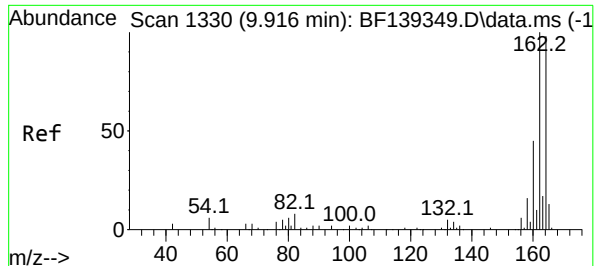
Tgt Ion:142 Resp: 65274

Ion Ratio Lower Upper

142 100

141 92.0 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

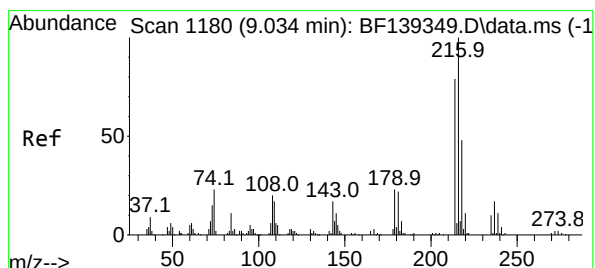
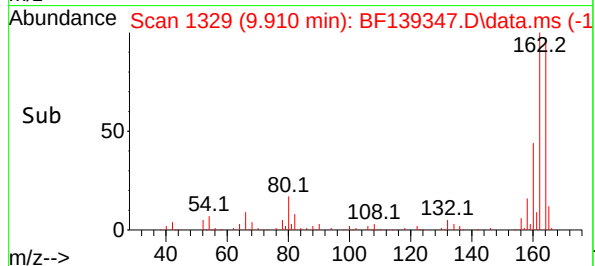
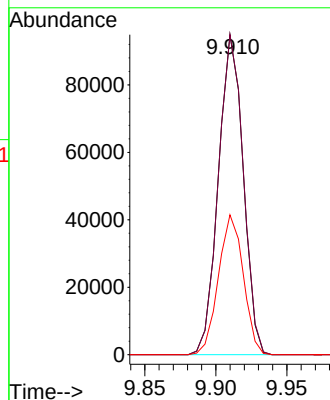
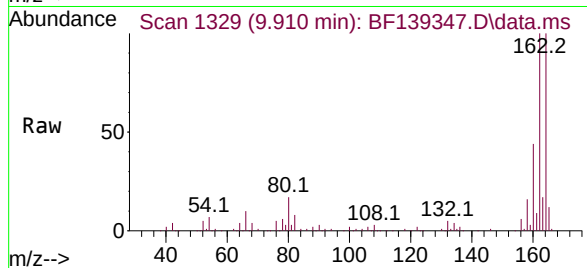
Tgt Ion:164 Resp: 115245

Ion Ratio Lower Upper

164 100

162 100.0 81.3 121.9

160 43.7 36.4 54.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.066 ng

RT: 9.034 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

Tgt Ion:216 Resp: 32822

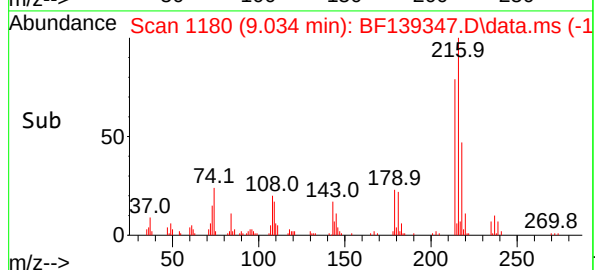
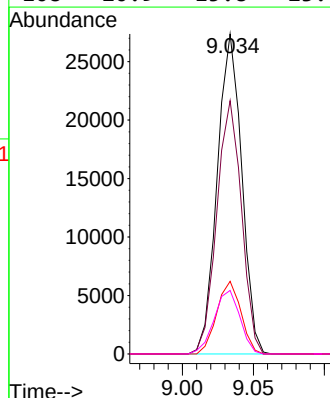
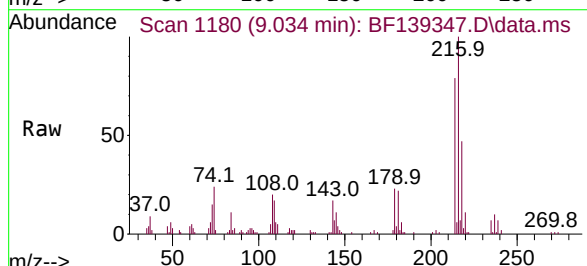
Ion Ratio Lower Upper

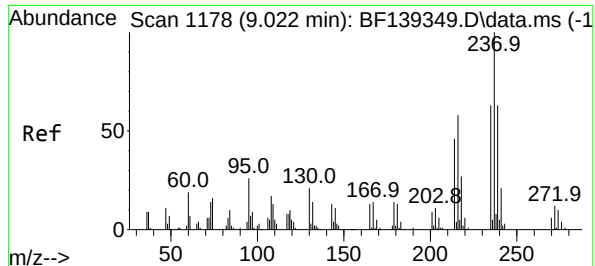
216 100

214 79.6 63.4 95.0

179 22.4 18.2 27.2

108 20.9 15.8 23.6

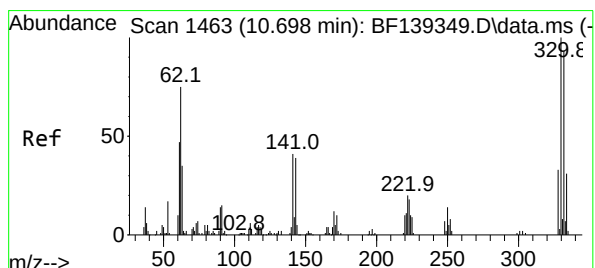
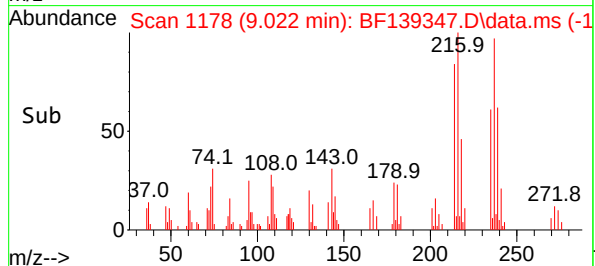
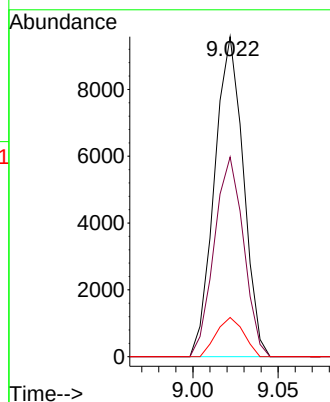
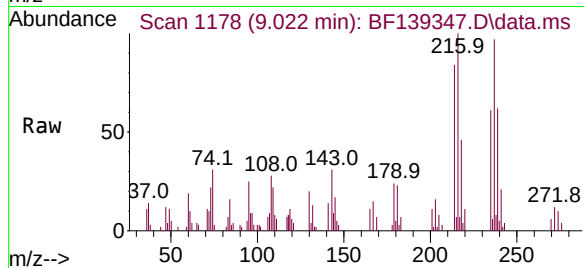




#41
Hexachlorocyclopentadiene
Concen: 10.768 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

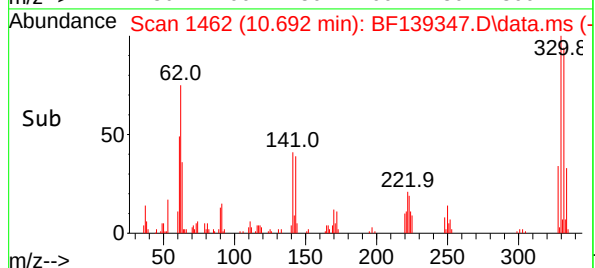
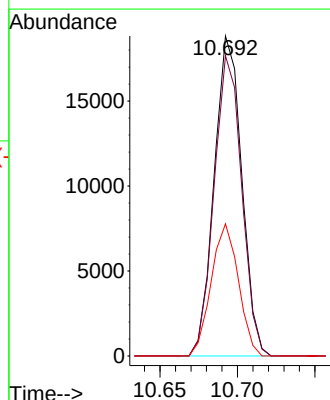
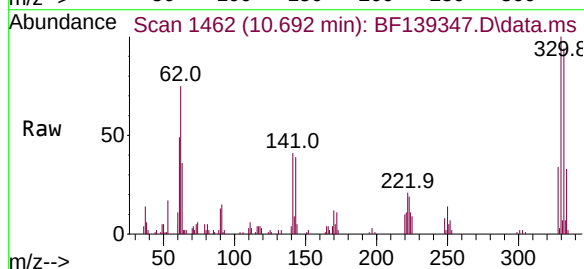
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

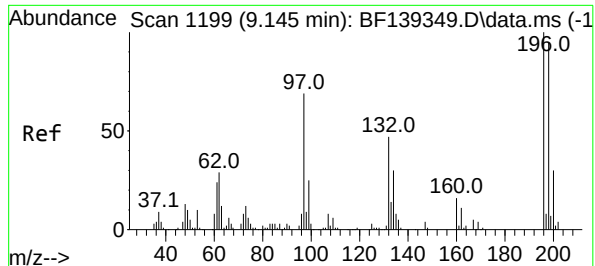
Tgt Ion: 237 Resp: 11284
Ion Ratio Lower Upper
237 100
235 62.4 42.7 82.7
272 12.3 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 23.362 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion: 330 Resp: 23249
Ion Ratio Lower Upper
330 100
332 93.9 75.2 112.8
141 40.7 31.2 46.8





#43

2,4,6-Trichlorophenol

Concen: 10.080 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.000 min

Lab File: BF139347.D

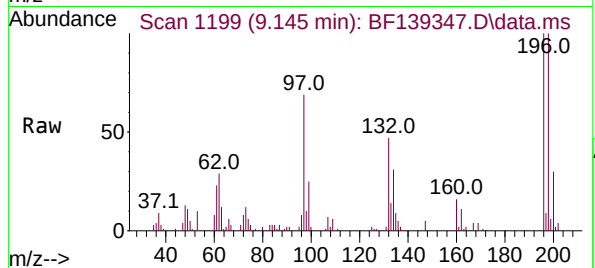
Acq: 13 Sep 2024 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



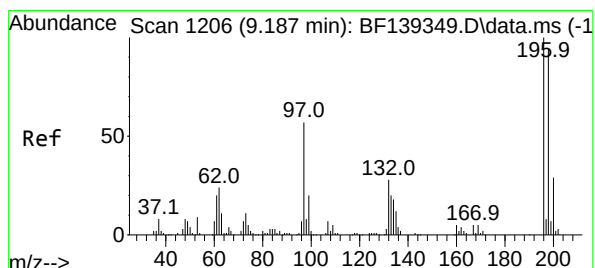
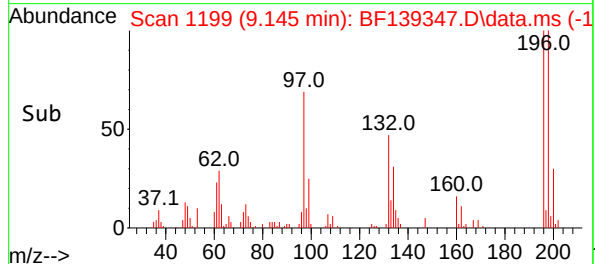
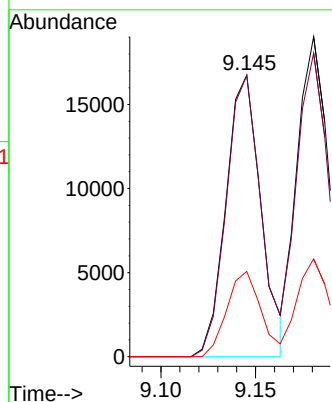
Tgt Ion:196 Resp: 21505

Ion Ratio Lower Upper

196 100

198 99.9 75.8 113.6

200 30.3 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 10.026 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

Tgt Ion:196 Resp: 22415

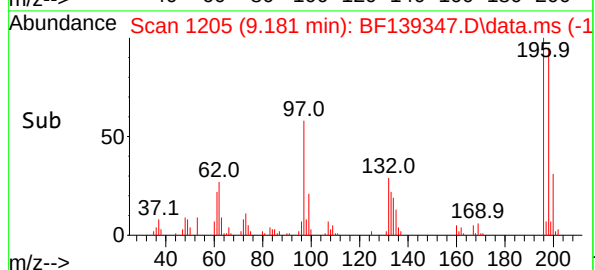
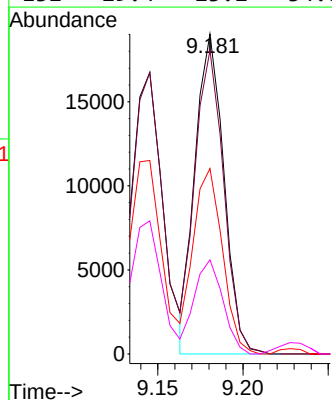
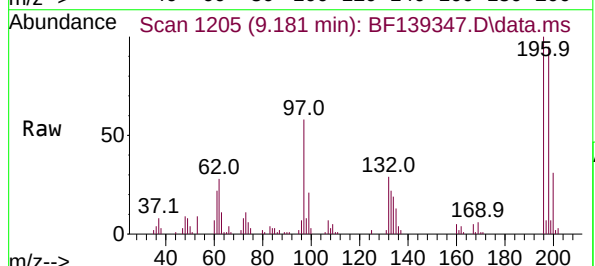
Ion Ratio Lower Upper

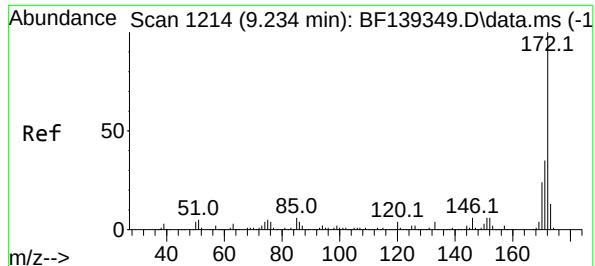
196 100

198 94.9 74.8 112.2

97 57.9 47.3 70.9

132 29.4 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 21.603 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF139347.D

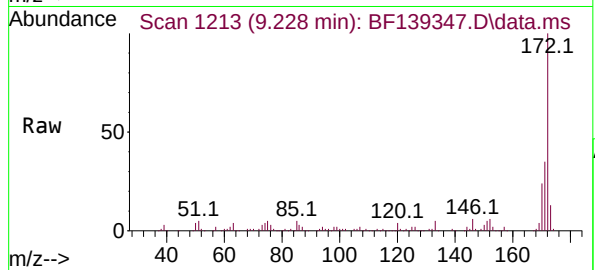
Acq: 13 Sep 2024 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



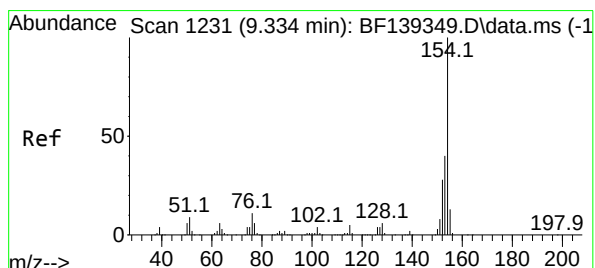
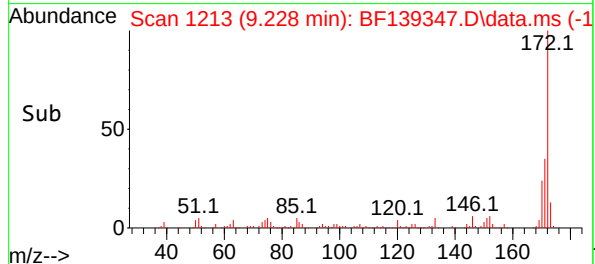
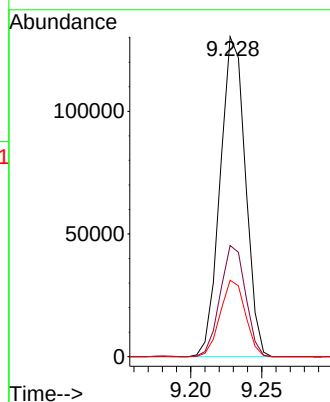
Tgt Ion:172 Resp: 161282

Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.9 19.0 28.6



#46

1,1'-Biphenyl

Concen: 9.976 ng

RT: 9.334 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

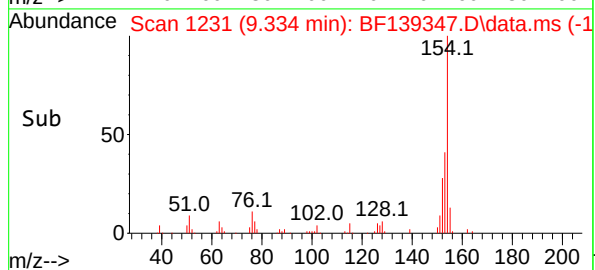
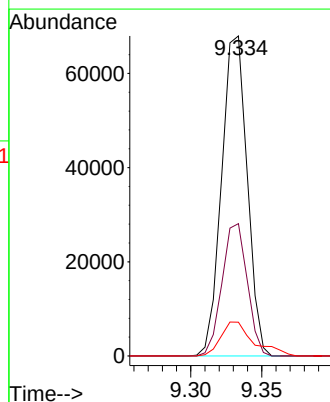
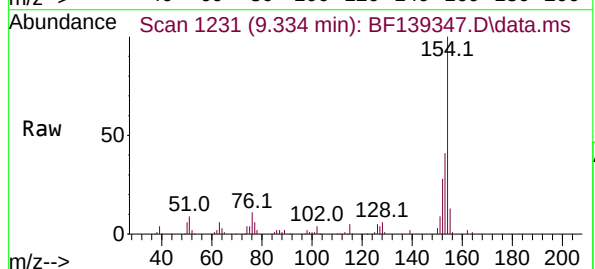
Tgt Ion:154 Resp: 85183

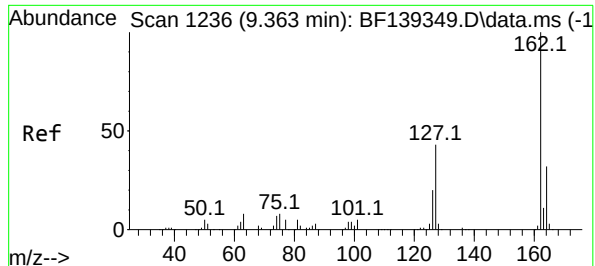
Ion Ratio Lower Upper

154 100

153 41.4 20.1 60.1

76 10.5 0.0 31.1





#47

2-Chloronaphthalene

Concen: 9.918 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF139347.D

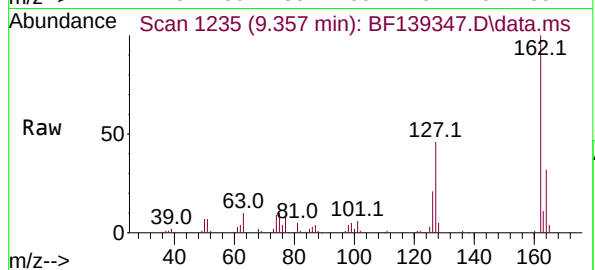
Acq: 13 Sep 2024 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



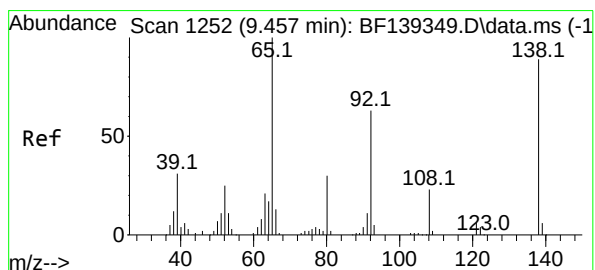
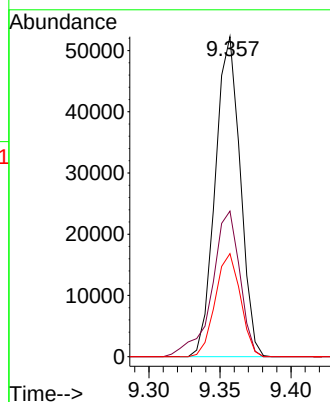
Tgt Ion:162 Resp: 63947

Ion Ratio Lower Upper

162 100

127 45.5 35.0 52.4

164 32.2 25.8 38.6



#48

2-Nitroaniline

Concen: 10.556 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

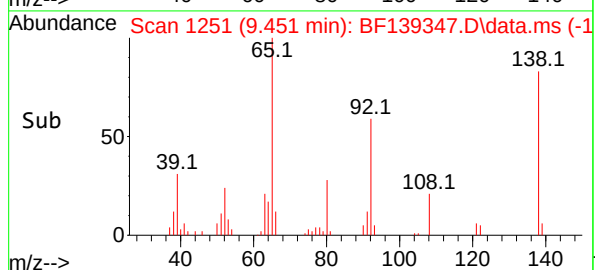
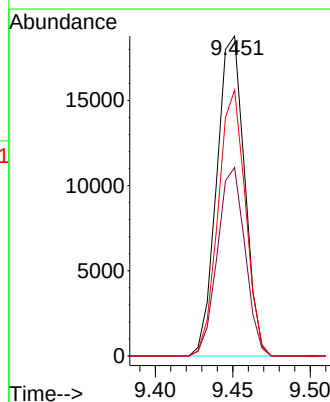
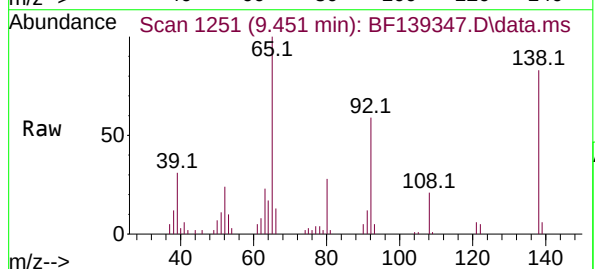
Tgt Ion: 65 Resp: 23443

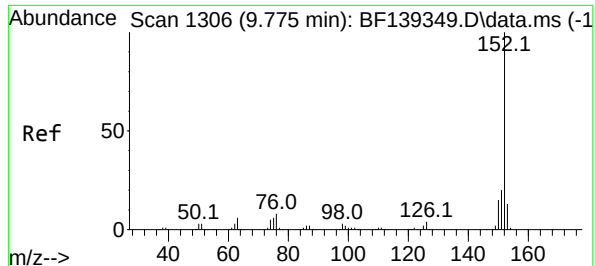
Ion Ratio Lower Upper

65 100

92 58.9 50.3 75.5

138 83.1 71.3 106.9





#49

Acenaphthylene

Concen: 10.120 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

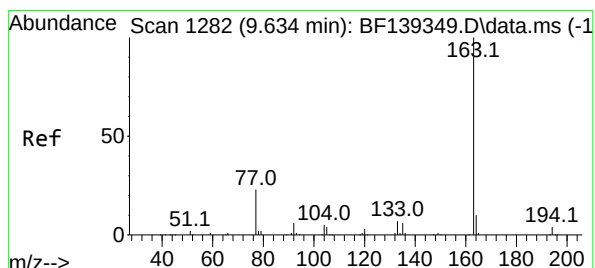
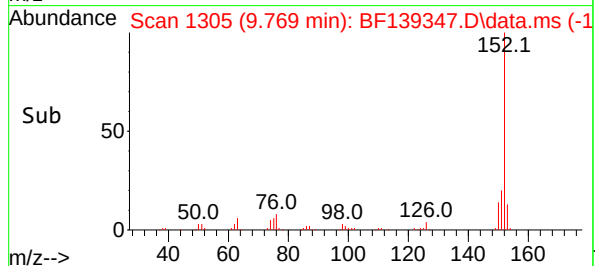
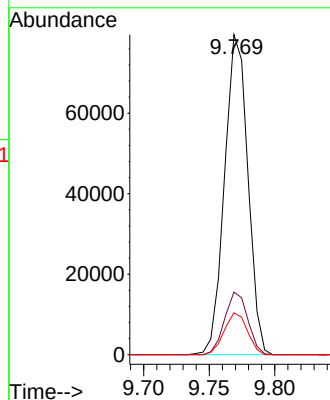
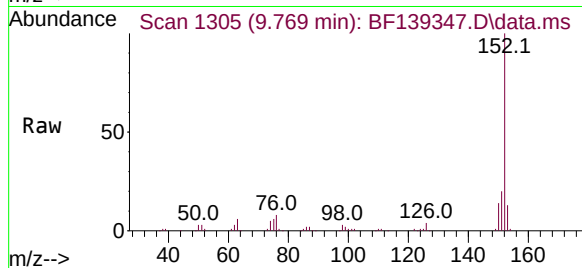
Tgt Ion:152 Resp: 98269

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.2

153 13.1 10.3 15.5



#50

Dimethylphthalate

Concen: 10.590 ng

RT: 9.628 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

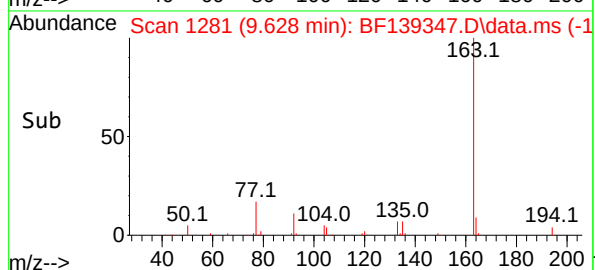
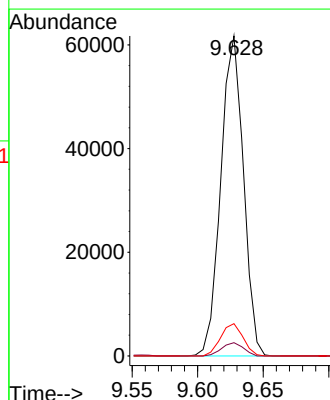
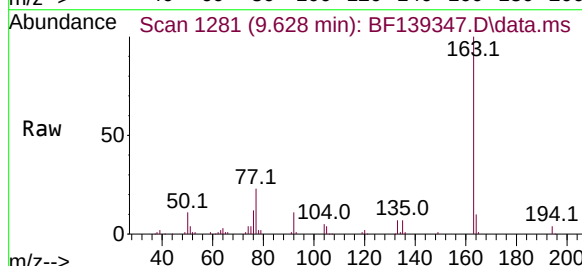
Tgt Ion:163 Resp: 73968

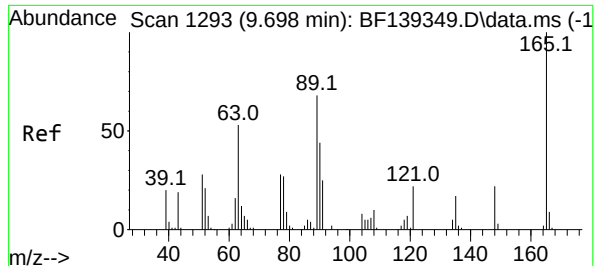
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.1 8.2 12.2

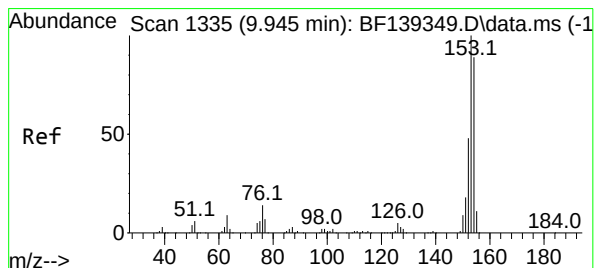
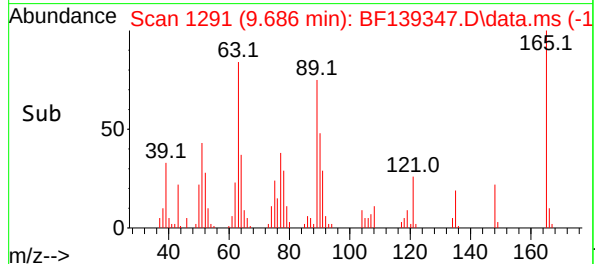
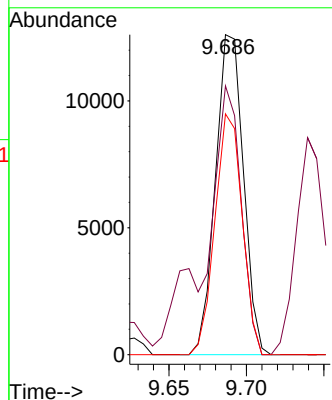
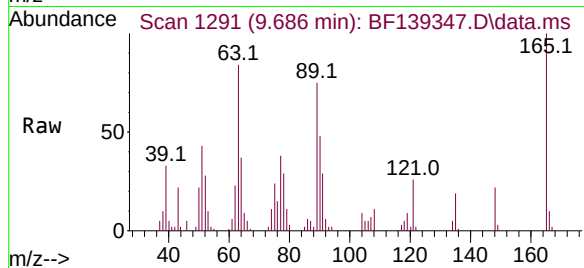




#51
2,6-Dinitrotoluene
Concen: 9.999 ng
RT: 9.686 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

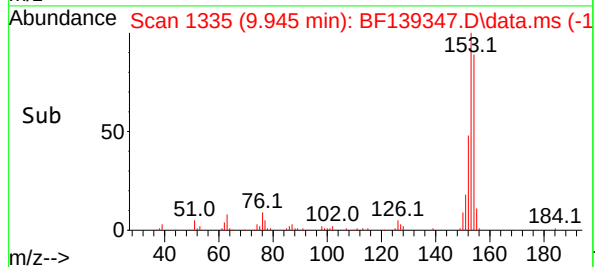
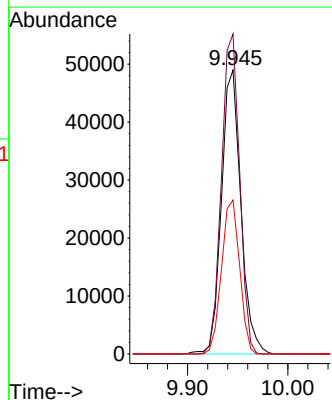
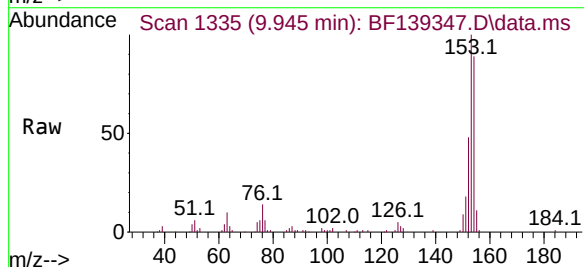
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

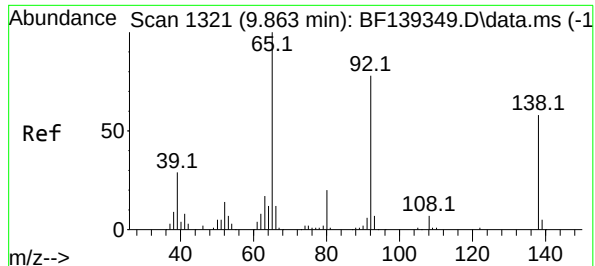
Tgt Ion	Ratio	Lower	Upper
165	100		
63	84.0	60.9	91.3
89	75.3	54.7	82.1



#52
Acenaphthene
Concen: 10.206 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.7	89.5	134.3
152	54.2	42.6	64.0





#53

3-Nitroaniline

Concen: 9.428 ng

RT: 9.857 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

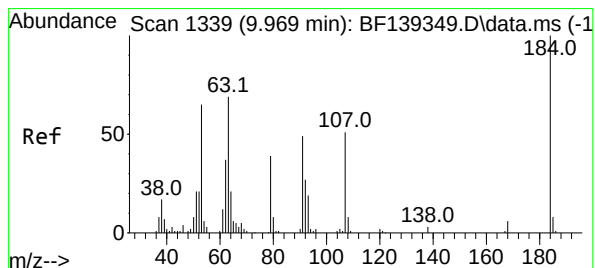
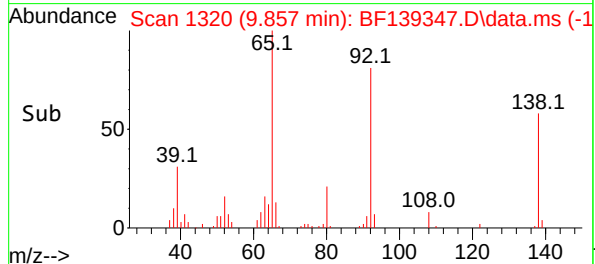
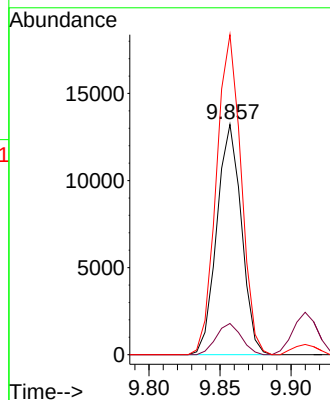
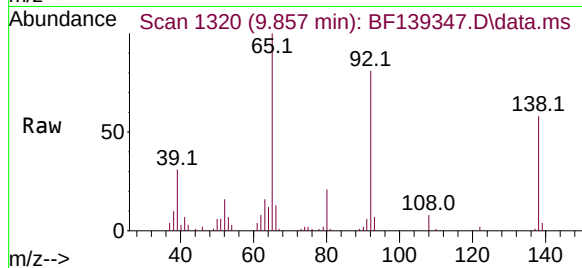
Tgt Ion:138 Resp: 15917

Ion Ratio Lower Upper

138 100

108 13.6 9.8 14.8

92 139.0 107.4 161.2



#54

2,4-Dinitrophenol

Concen: 9.124 ng

RT: 9.963 min Scan# 1338

Delta R.T. -0.006 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

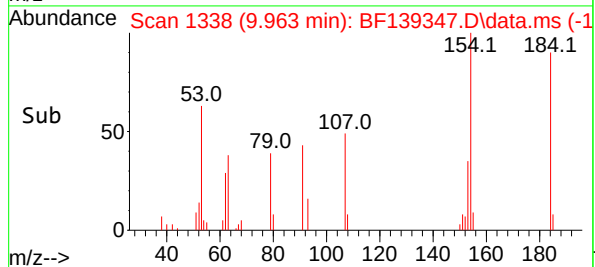
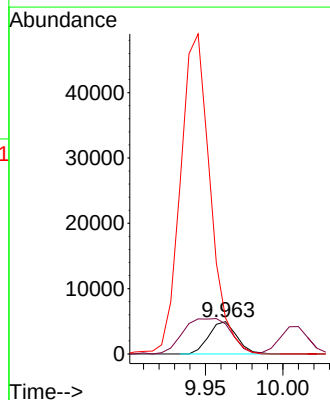
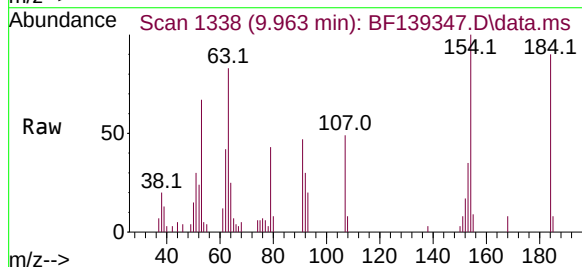
Tgt Ion:184 Resp: 6191

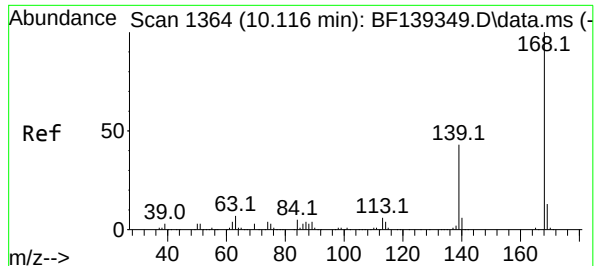
Ion Ratio Lower Upper

184 100

63 92.8 69.3 103.9

154 111.7 67.5 101.3#





#55

Dibenzenofuran

Concen: 10.412 ng

RT: 10.116 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

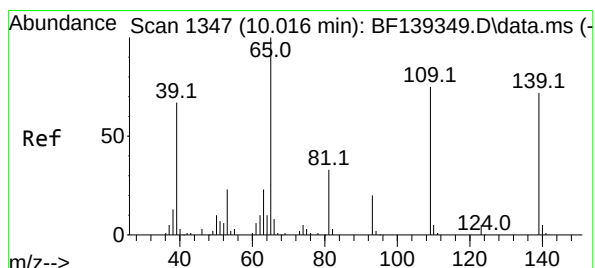
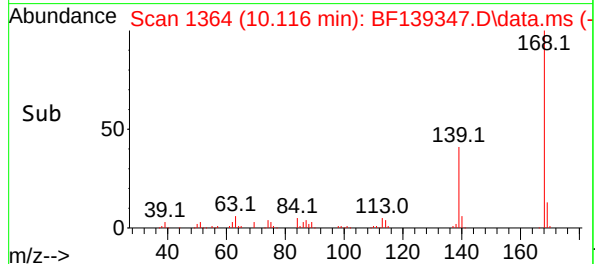
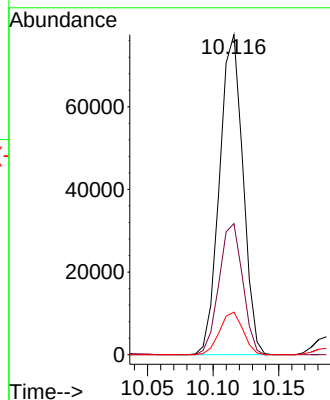
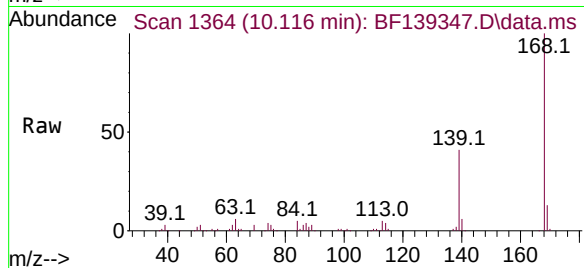
Tgt Ion:168 Resp: 96142

Ion Ratio Lower Upper

168 100

139 40.9 34.1 51.1

169 13.3 10.5 15.7



#56

4-Nitrophenol

Concen: 10.561 ng

RT: 10.010 min Scan# 1346

Delta R.T. -0.006 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

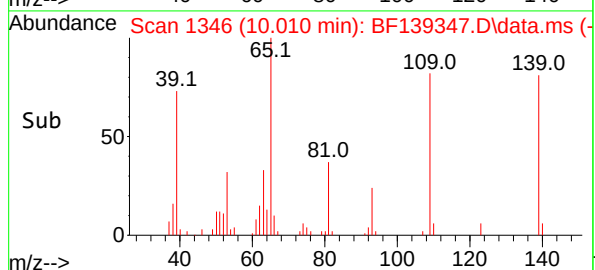
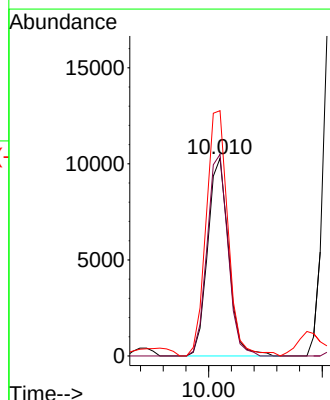
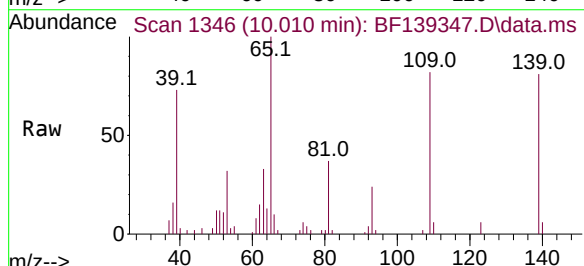
Tgt Ion:139 Resp: 13161

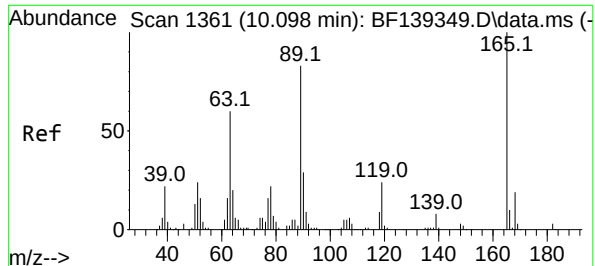
Ion Ratio Lower Upper

139 100

109 102.0 84.1 124.1

65 124.2 120.0 160.0





#57

2,4-Dinitrotoluene

Concen: 10.427 ng

RT: 10.092 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:165 Resp: 21031

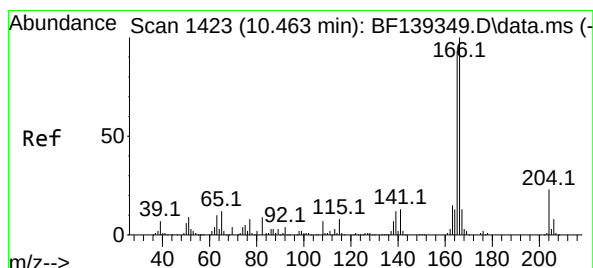
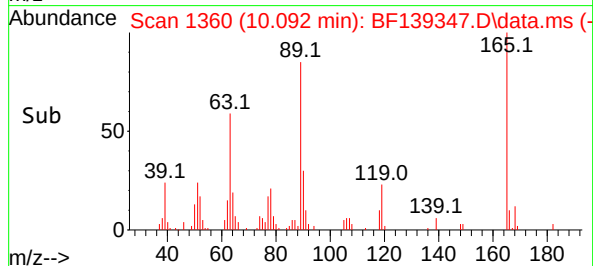
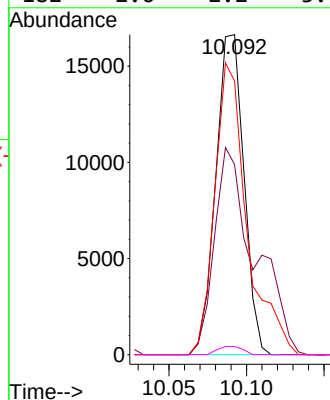
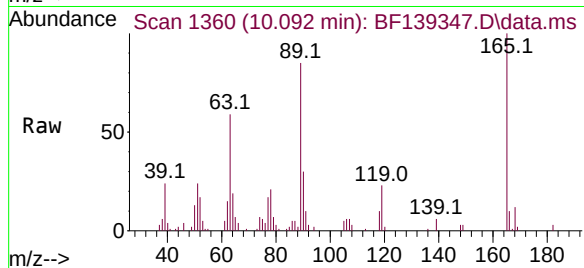
Ion Ratio Lower Upper

165 100

63 59.4 47.8 71.6

89 85.4 66.7 100.1

182 2.6 2.2 3.4



#58

Fluorene

Concen: 10.647 ng

RT: 10.457 min Scan# 1422

Delta R.T. -0.006 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

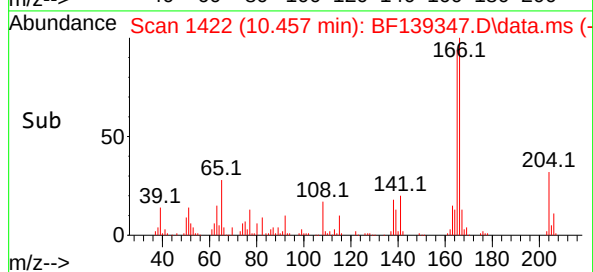
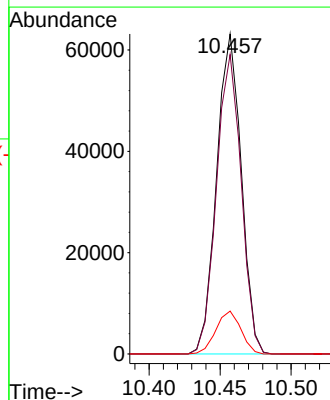
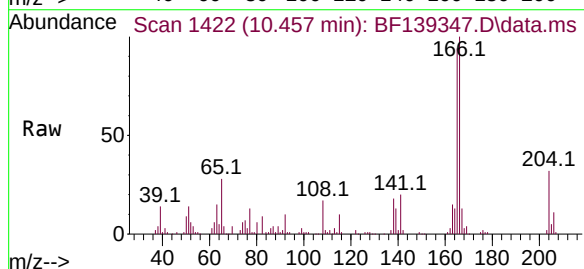
Tgt Ion:166 Resp: 76225

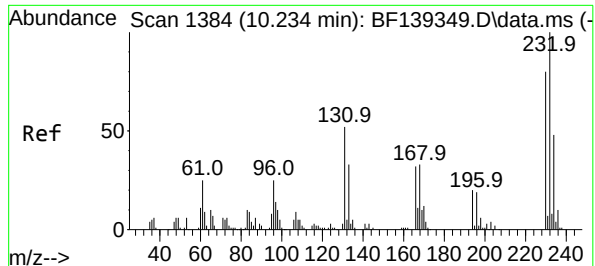
Ion Ratio Lower Upper

166 100

165 93.6 74.5 111.7

167 13.4 10.6 16.0

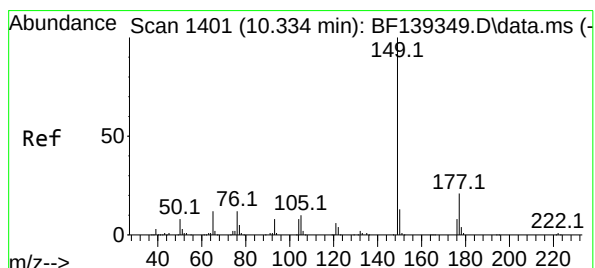
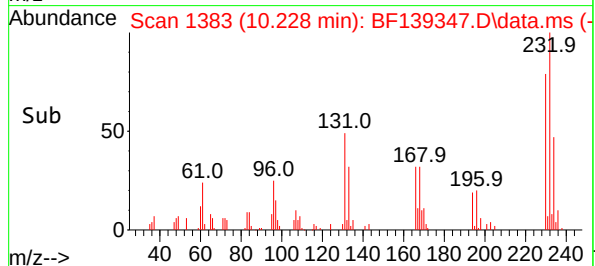
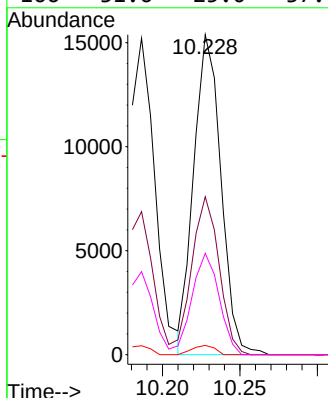
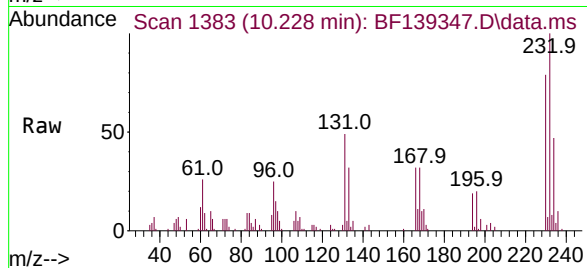




#59
2,3,4,6-Tetrachlorophenol
Concen: 10.693 ng
RT: 10.228 min Scan# 1383
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

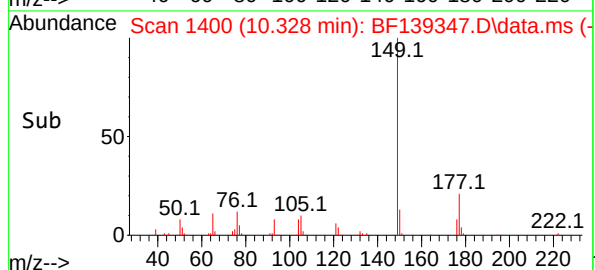
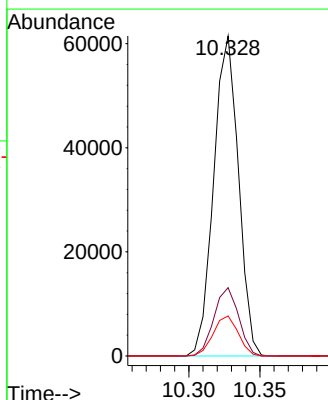
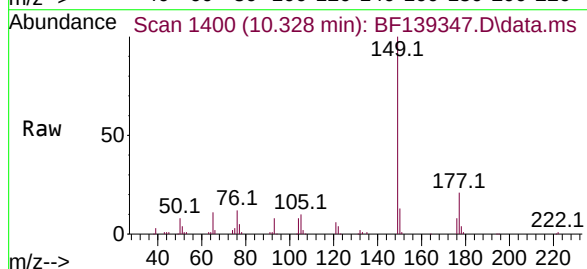
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

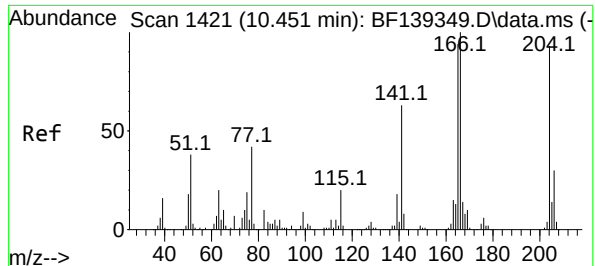
Tgt Ion:232 Resp: 18817
Ion Ratio Lower Upper
232 100
131 49.7 40.7 61.1
130 2.4 2.2 3.2
166 31.6 25.0 37.6



#60
Diethylphthalate
Concen: 10.826 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion:149 Resp: 74418
Ion Ratio Lower Upper
149 100
177 21.4 16.6 24.8
150 12.5 10.6 15.8

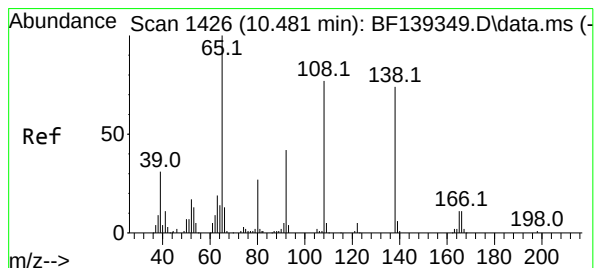
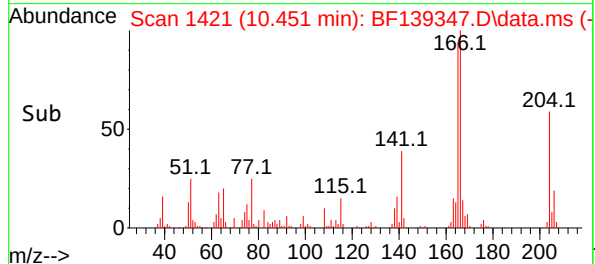
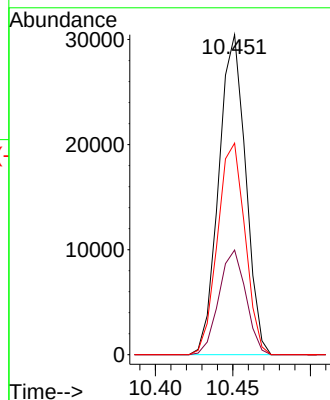
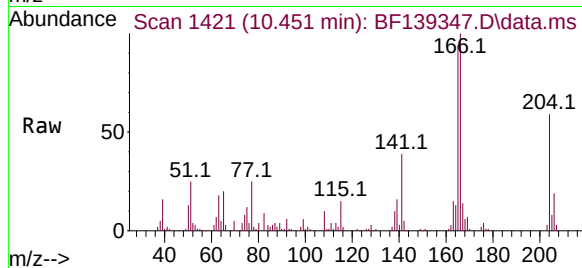




#61
4-Chlorophenyl-phenylether
Concen: 10.645 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

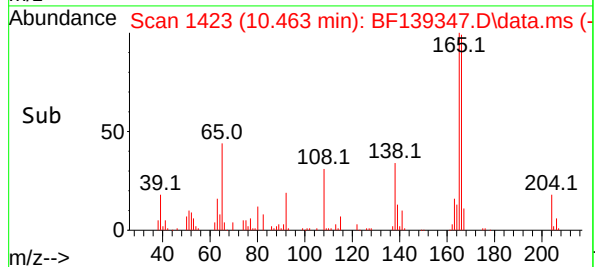
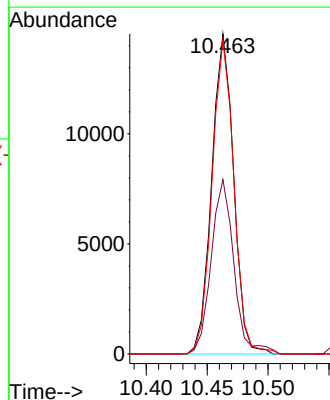
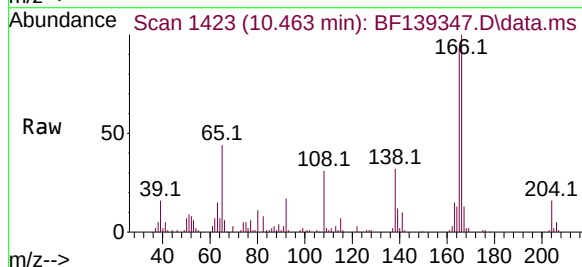
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

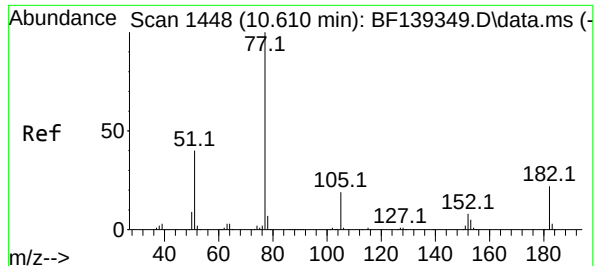
Tgt Ion:	204	Resp:	36753
Ion Ratio	Lower	Upper	
204	100		
206	32.7	26.2	39.2
141	66.1	53.9	80.9



#62
4-Nitroaniline
Concen: 11.310 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.018 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion:	138	Resp:	18177
Ion Ratio	Lower	Upper	
138	100		
92	54.5	37.0	77.0
108	98.0	84.4	124.4

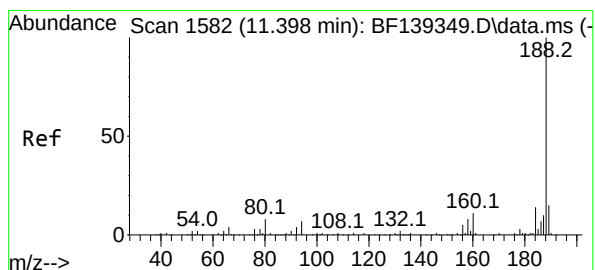
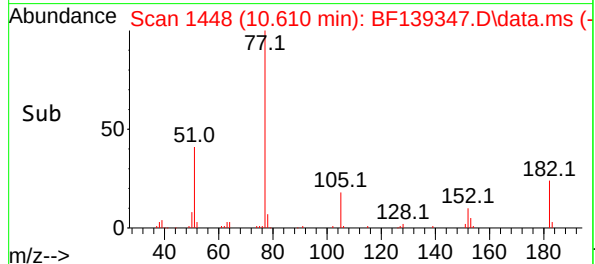
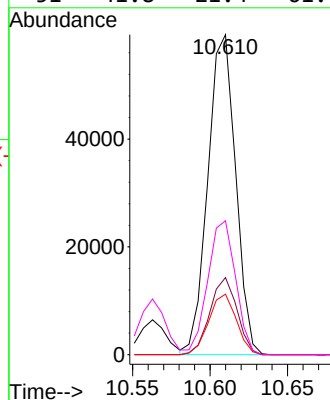
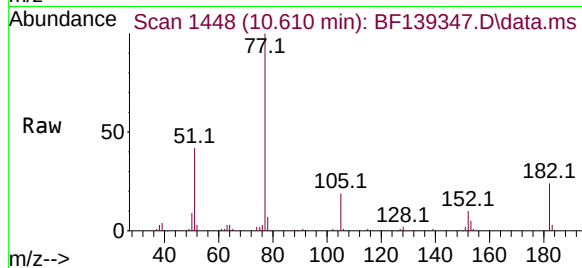




#63
Azobenzene
Concen: 10.229 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

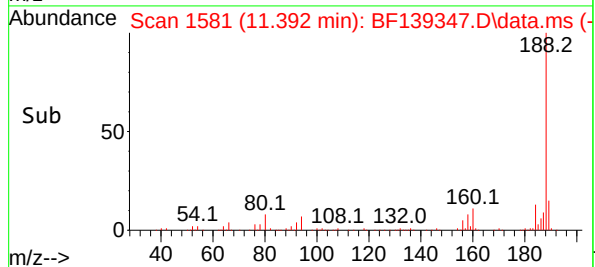
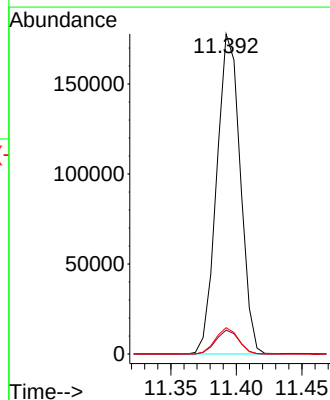
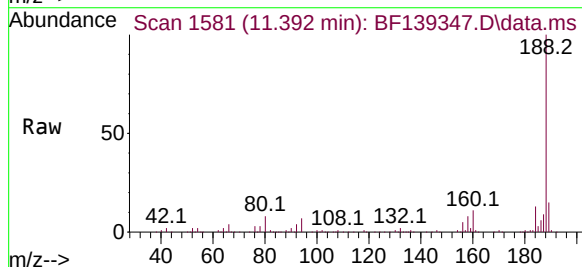
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

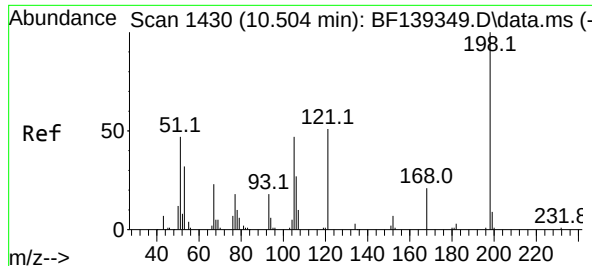
Tgt Ion: 77	Resp: 74109
Ion Ratio	Lower Upper
77 100	
182 24.1	1.8 41.8
105 18.9	0.0 38.6
51 41.8	21.4 61.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion: 188	Resp: 222099
Ion Ratio	Lower Upper
188 100	
94 7.5	5.5 8.3
80 8.2	6.6 9.8

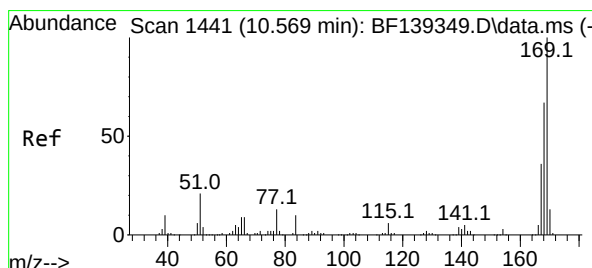
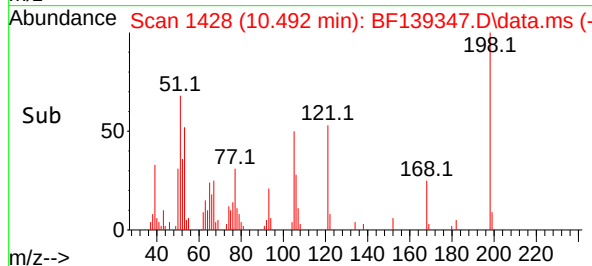
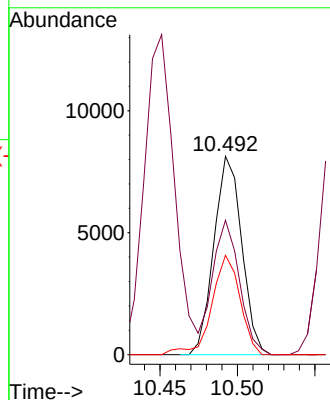
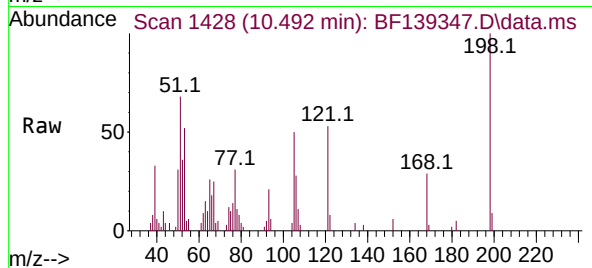




#65
4,6-Dinitro-2-methylphenol
Concen: 9.902 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

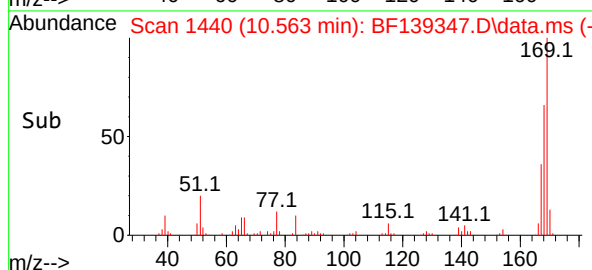
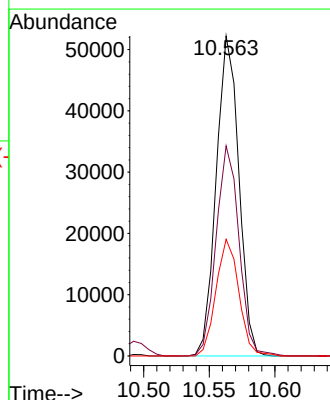
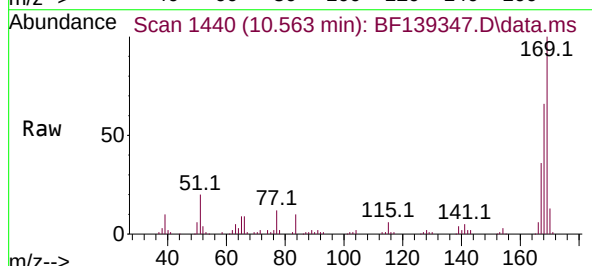
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

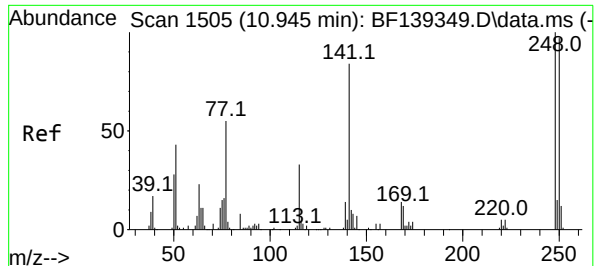
Tgt Ion	Ratio	Lower	Upper
198	100		
51	67.8	50.4	90.4
105	50.1	28.3	68.3



#66
n-Nitrosodiphenylamine
Concen: 9.687 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.6	53.6	80.4
167	36.5	28.7	43.1

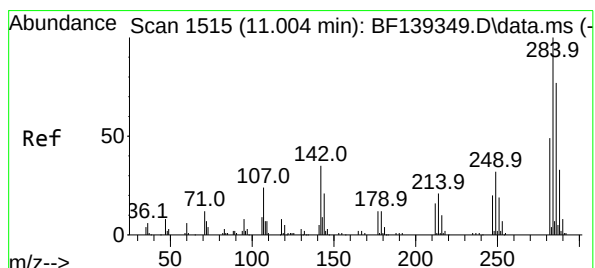
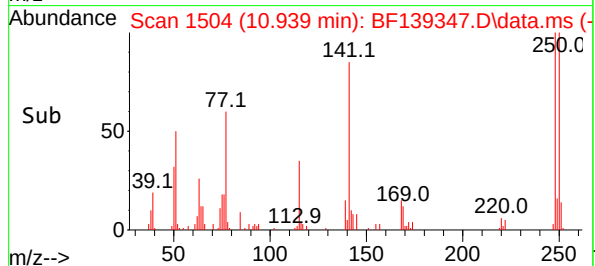
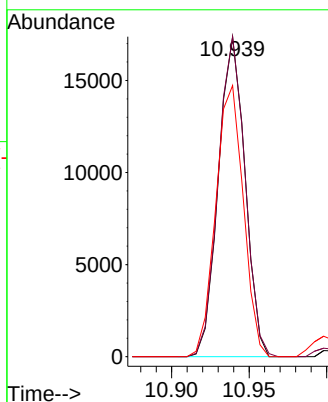
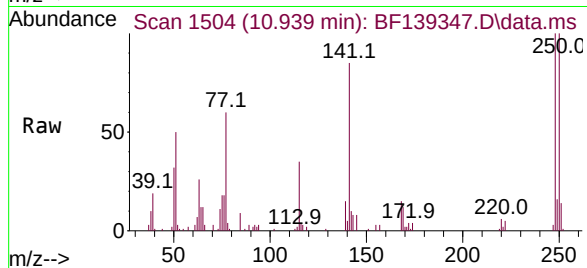




#67
4-Bromophenyl-phenylether
Concen: 9.594 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

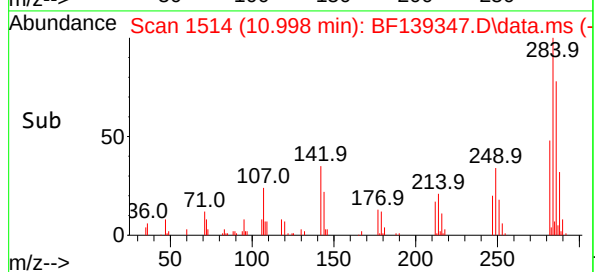
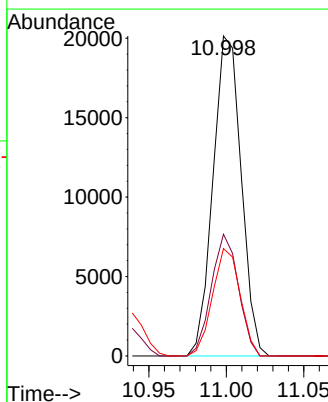
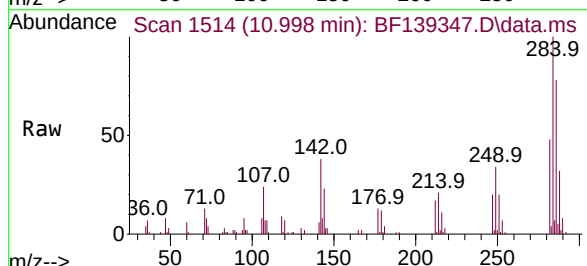
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

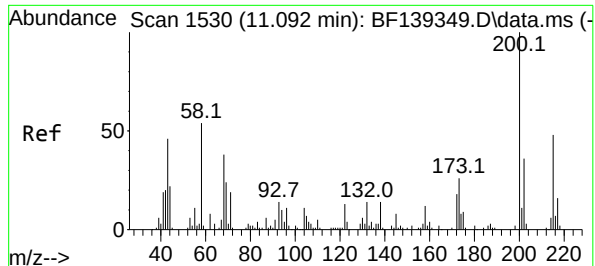
Tgt Ion:248 Resp: 20673
Ion Ratio Lower Upper
248 100
250 100.0 77.6 116.4
141 84.8 66.9 100.3



#68
Hexachlorobenzene
Concen: 10.320 ng
RT: 10.998 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion:284 Resp: 25459
Ion Ratio Lower Upper
284 100
142 38.0 28.0 42.0
249 33.5 25.3 37.9





#69

Atrazine

Concen: 12.250 ng

RT: 11.086 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

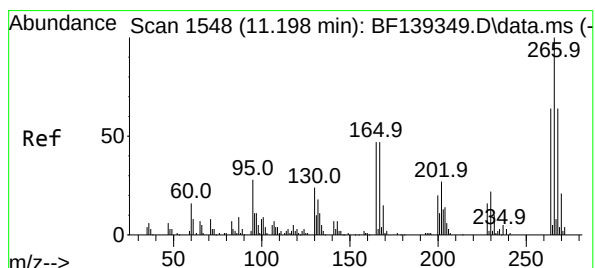
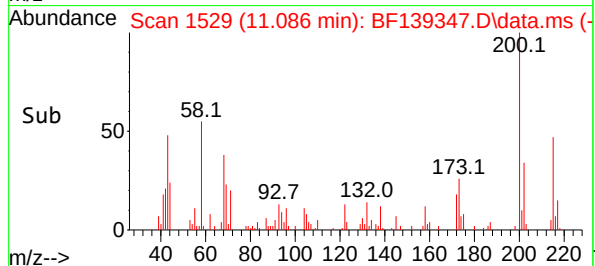
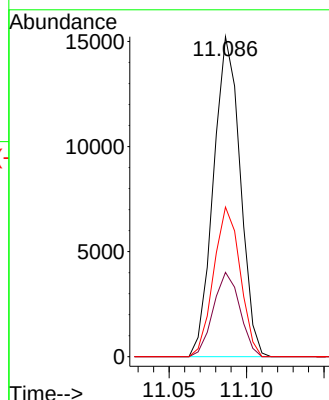
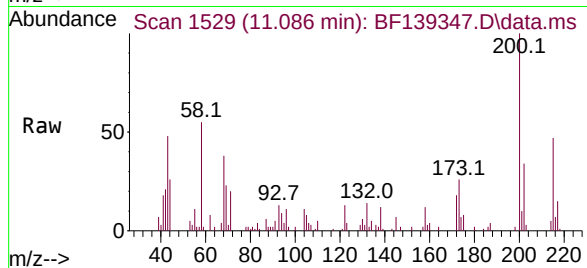
Tgt Ion:200 Resp: 18272

Ion Ratio Lower Upper

200 100

173 26.4 6.1 46.1

215 46.8 28.2 68.2



#70

Pentachlorophenol

Concen: 10.092 ng

RT: 11.192 min Scan# 1547

Delta R.T. -0.006 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

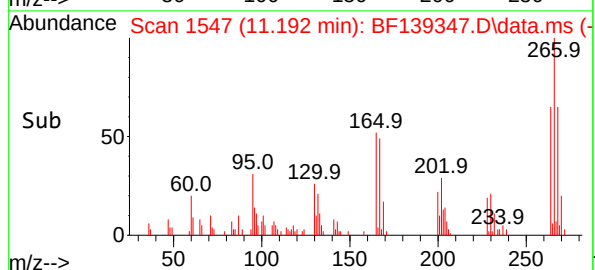
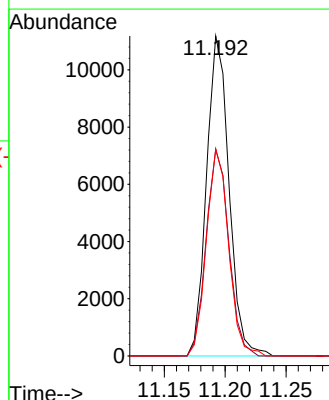
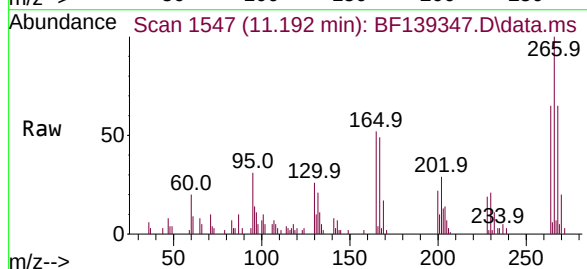
Tgt Ion:266 Resp: 14381

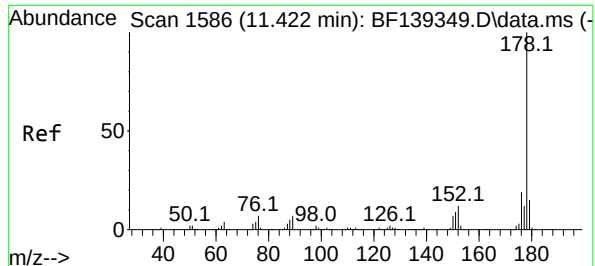
Ion Ratio Lower Upper

266 100

268 64.5 51.1 76.7

264 64.7 51.4 77.0

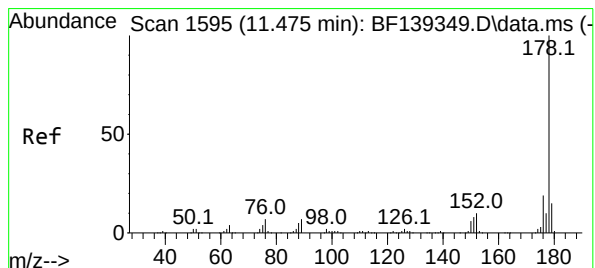
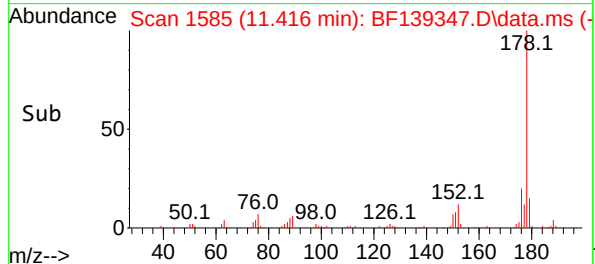
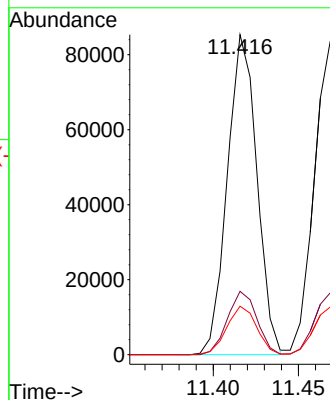
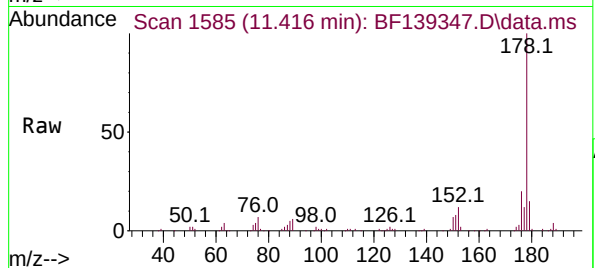




#71
Phenanthrene
Concen: 9.930 ng
RT: 11.416 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

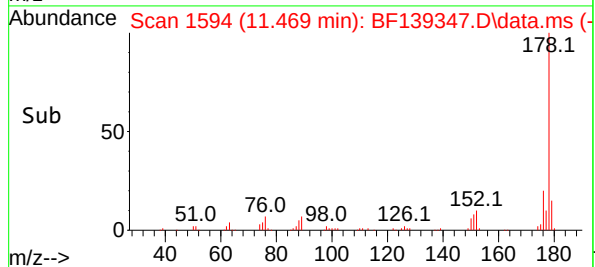
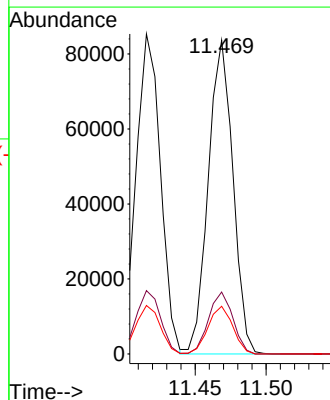
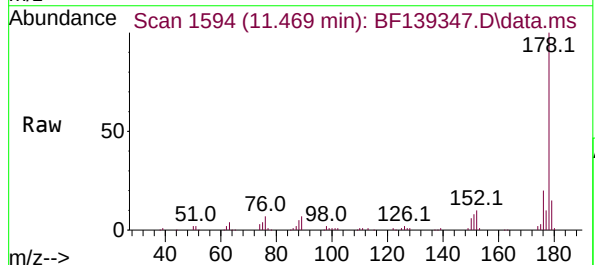
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

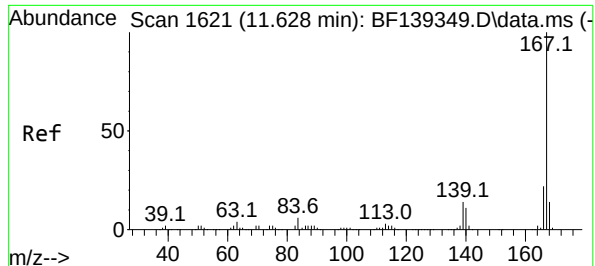
Tgt Ion:178 Resp: 103026
Ion Ratio Lower Upper
178 100
176 19.8 15.2 22.8
179 15.2 12.2 18.4



#72
Anthracene
Concen: 9.960 ng
RT: 11.469 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

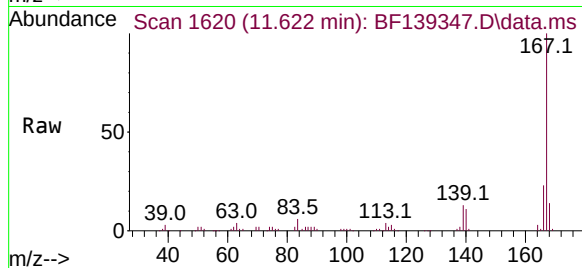
Tgt Ion:178 Resp: 100952
Ion Ratio Lower Upper
178 100
176 19.8 15.0 22.6
179 15.2 12.0 18.0



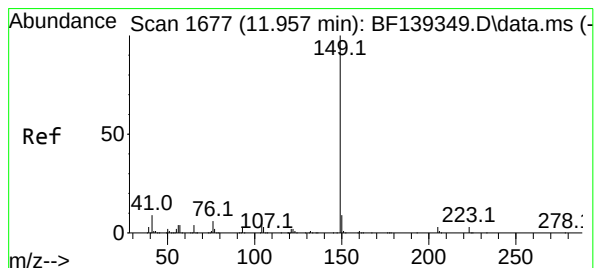
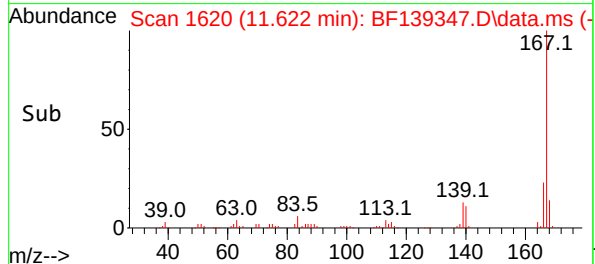
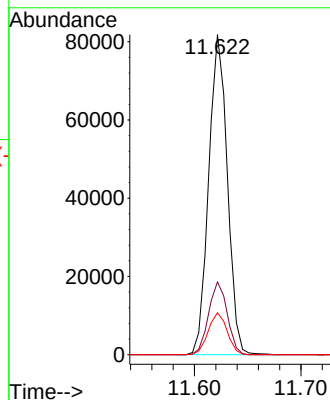


#73
Carbazole
Concen: 10.520 ng
RT: 11.622 min Scan# 1620
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

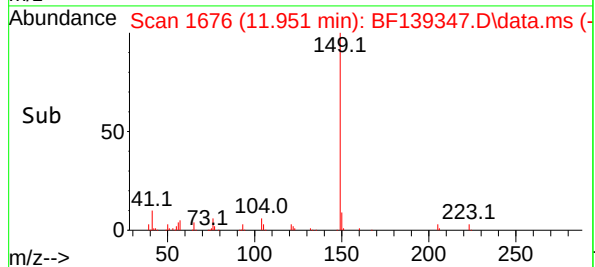
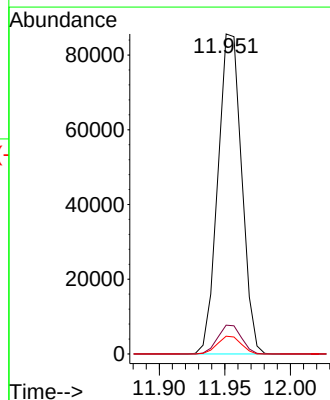
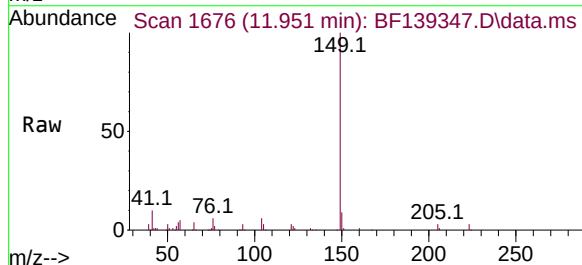


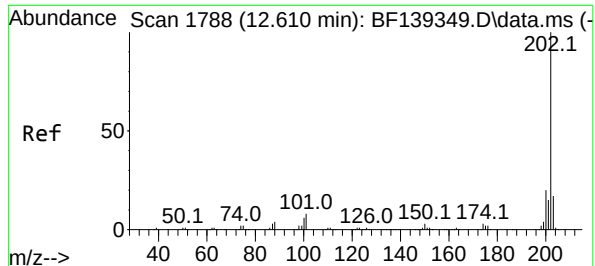
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.5	26.3
139	13.1	10.9	16.3



#74
Di-n-butylphthalate
Concen: 11.126 ng
RT: 11.951 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.3	10.9
104	5.6	4.3	6.5

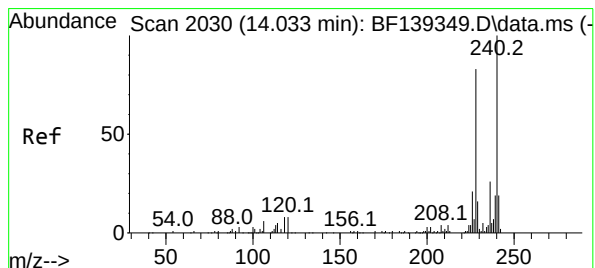
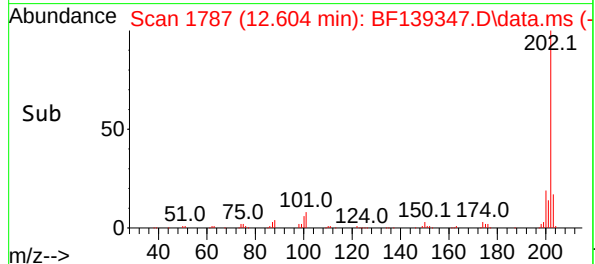
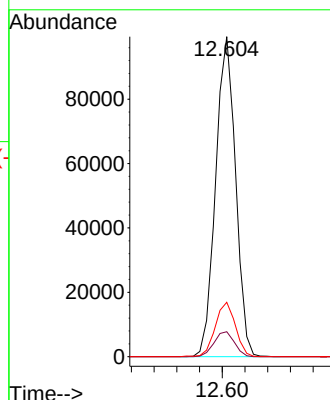
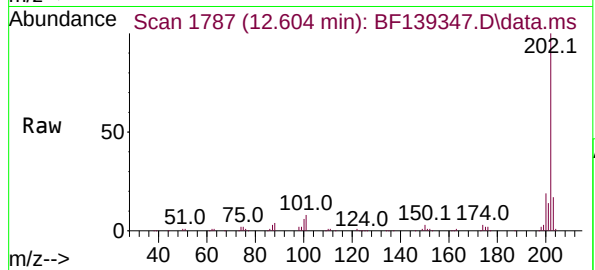




#75
Fluoranthene
Concen: 11.660 ng
RT: 12.604 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

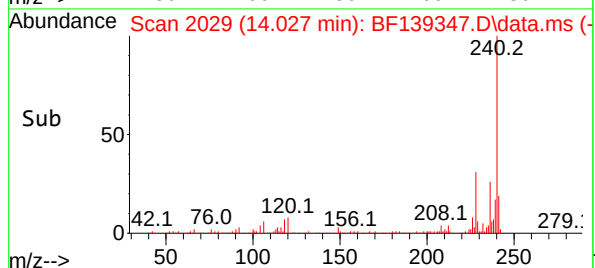
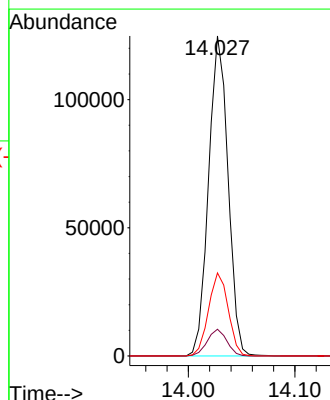
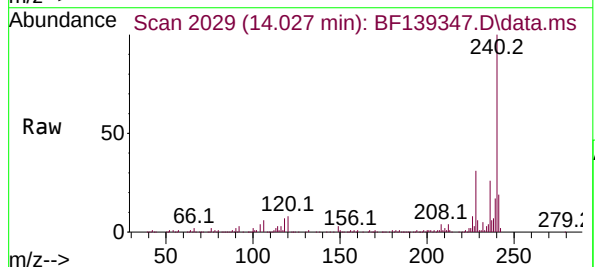
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

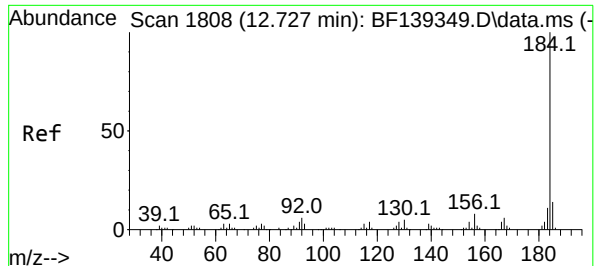
Tgt Ion:202 Resp: 121289
Ion Ratio Lower Upper
202 100
101 7.8 0.0 27.7
203 17.0 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion:240 Resp: 158199
Ion Ratio Lower Upper
240 100
120 8.3 6.2 9.2
236 25.9 20.9 31.3





#77

Benzidine

Concen: 4.503 ng

RT: 12.727 min Scan# 1808

Delta R.T. -0.000 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

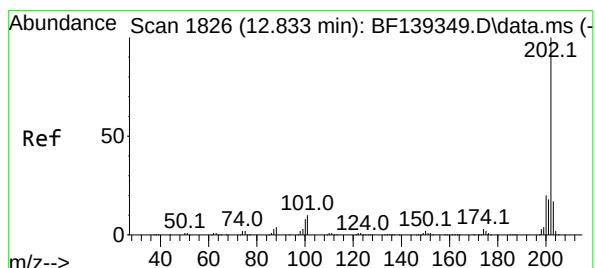
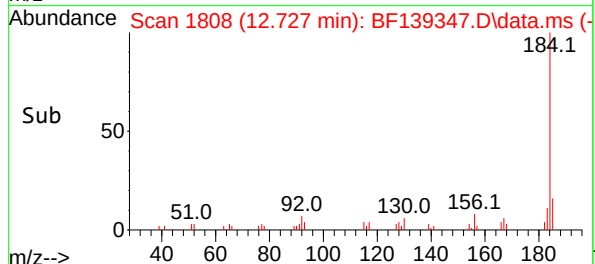
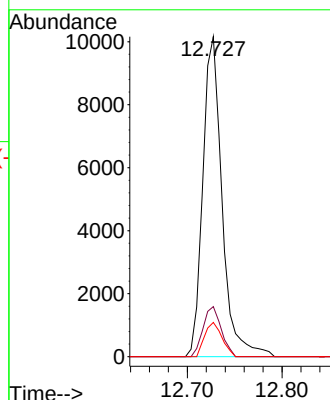
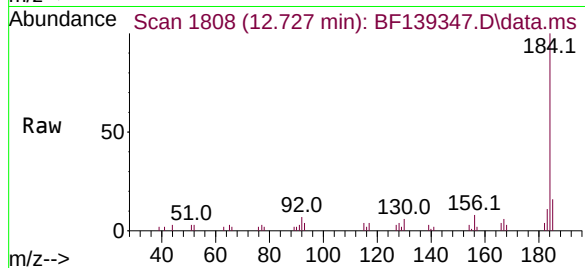
Tgt Ion:184 Resp: 14345

Ion Ratio Lower Upper

184 100

185 15.7 11.5 17.3

183 10.7 8.9 13.3



#78

Pyrene

Concen: 8.114 ng

RT: 12.833 min Scan# 1826

Delta R.T. -0.000 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

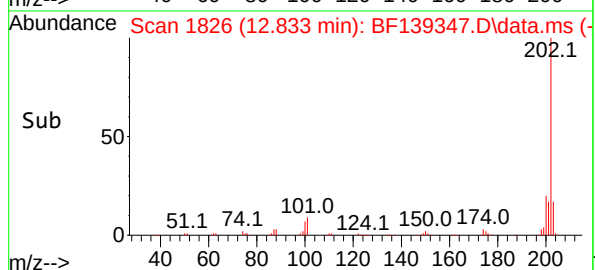
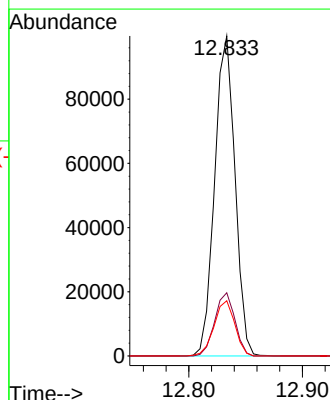
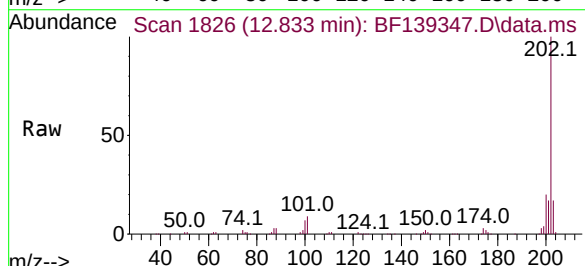
Tgt Ion:202 Resp: 123993

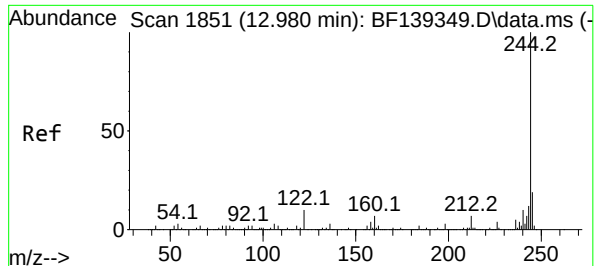
Ion Ratio Lower Upper

202 100

200 19.7 16.2 24.2

203 17.2 13.9 20.9





#79

Terphenyl-d14

Concen: 18.206 ng

RT: 12.974 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

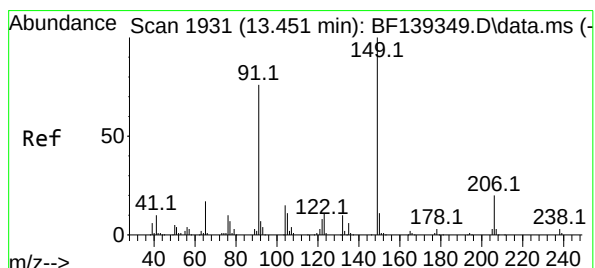
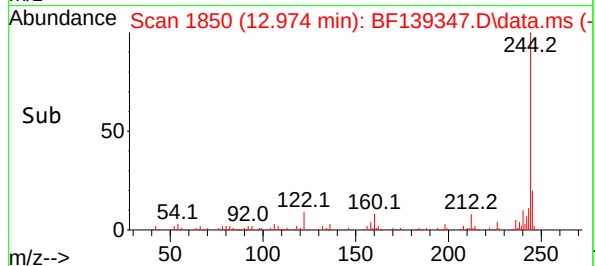
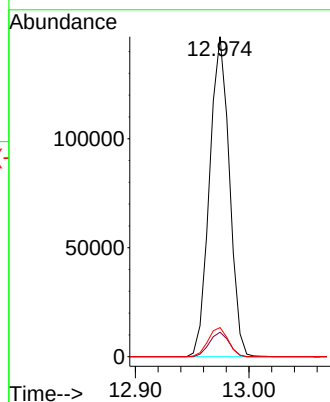
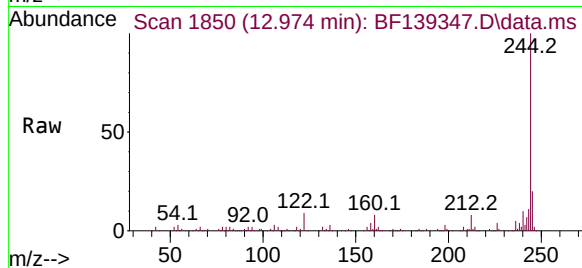
Tgt Ion:244 Resp: 178386

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

122 9.1 7.6 11.4



#80

Butylbenzylphthalate

Concen: 12.130 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.000 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

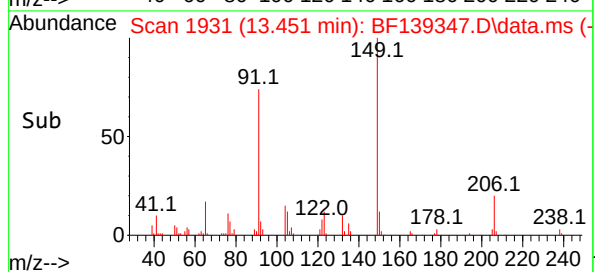
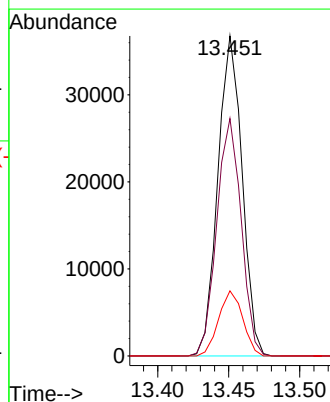
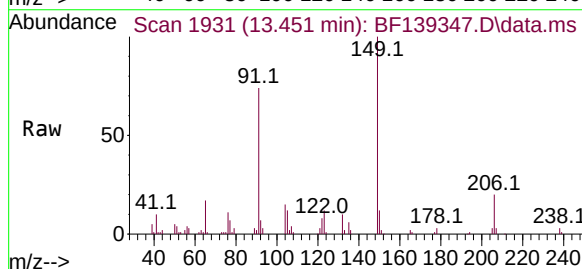
Tgt Ion:149 Resp: 43639

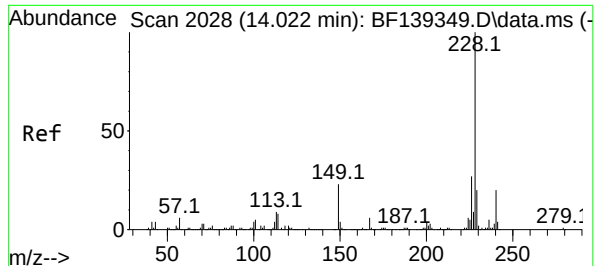
Ion Ratio Lower Upper

149 100

91 74.2 60.9 91.3

206 20.3 15.8 23.8

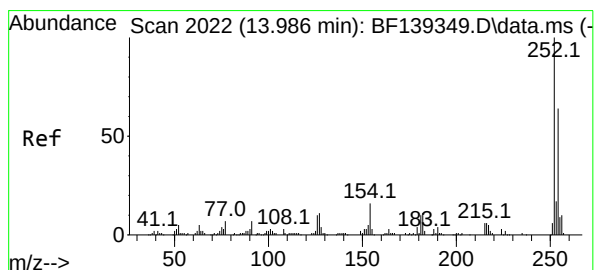
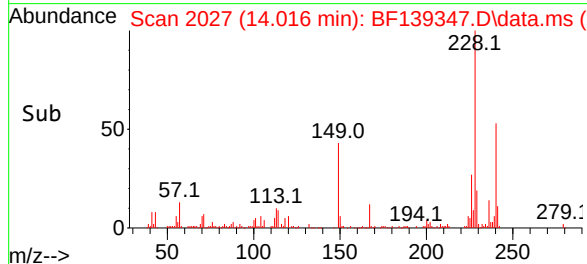
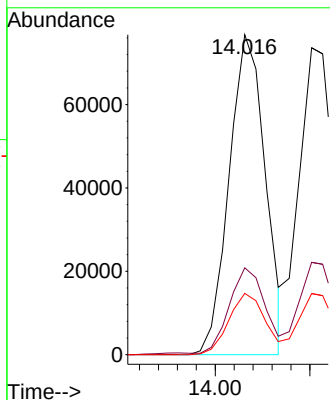
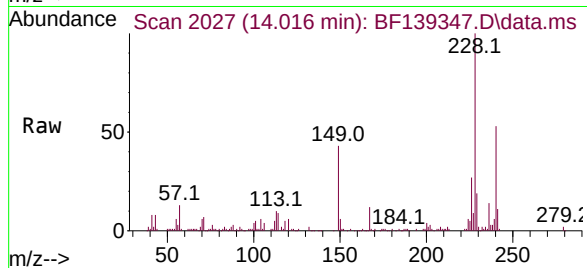




#81
Benzo(a)anthracene
Concen: 10.077 ng
RT: 14.016 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

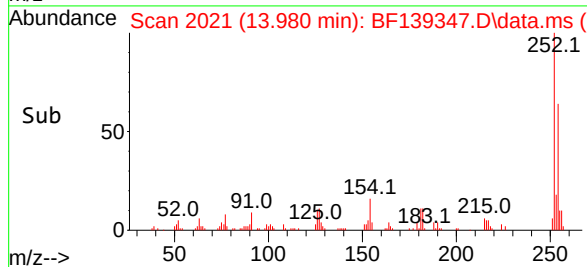
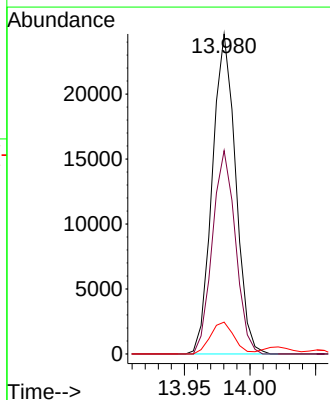
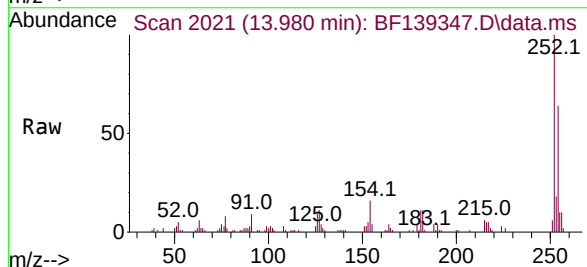
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

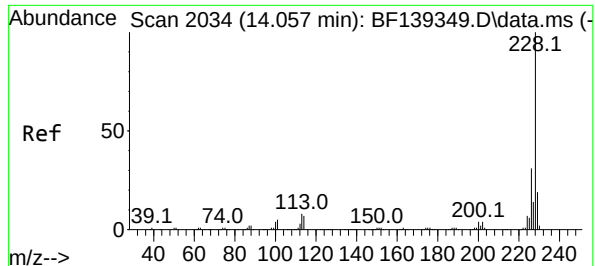
Tgt Ion:228 Resp: 101798
Ion Ratio Lower Upper
228 100
226 27.1 21.6 32.4
229 19.2 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 11.325 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion:252 Resp: 30382
Ion Ratio Lower Upper
252 100
254 63.5 51.4 77.2
126 10.0 7.7 11.5





#83

Chrysene

Concen: 10.122 ng

RT: 14.051 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

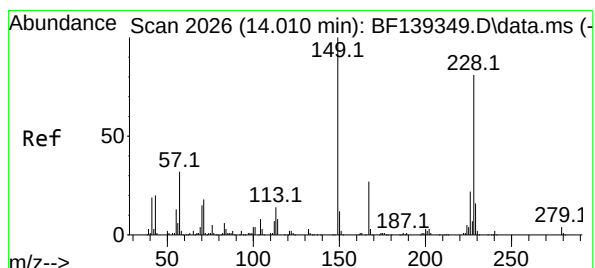
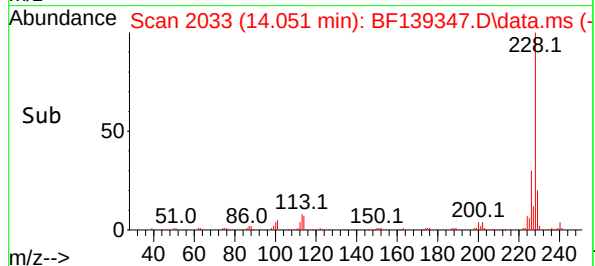
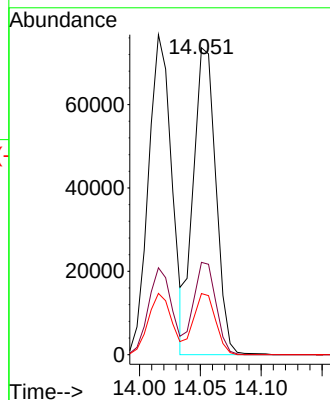
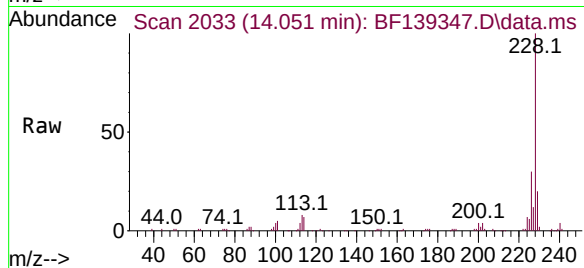
Tgt Ion:228 Resp: 95429

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

229 19.9 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 13.311 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

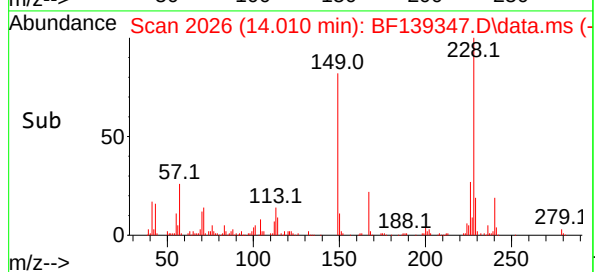
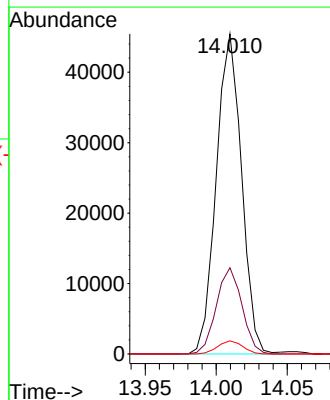
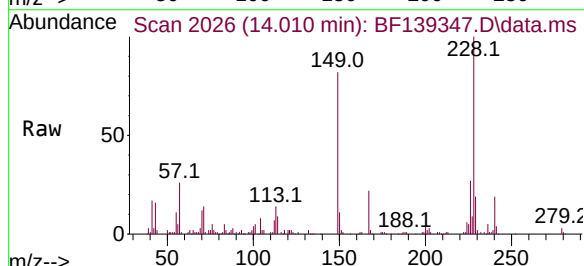
Tgt Ion:149 Resp: 56206

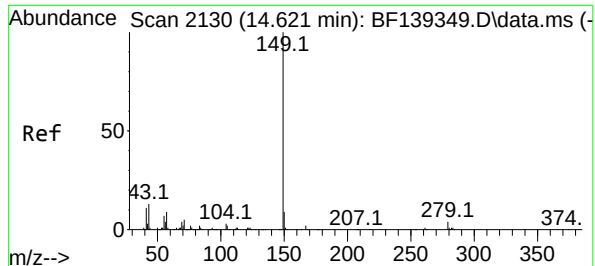
Ion Ratio Lower Upper

149 100

167 27.0 21.6 32.4

279 4.1 3.3 4.9

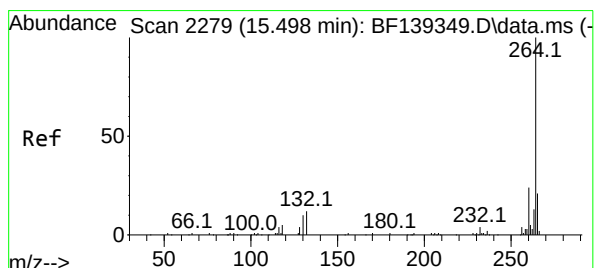
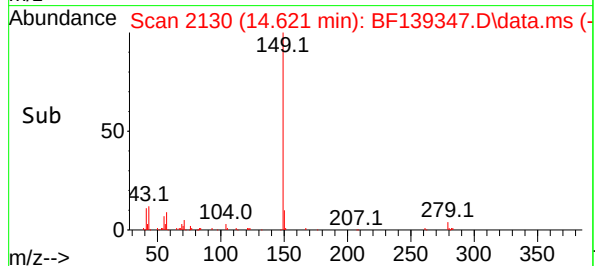
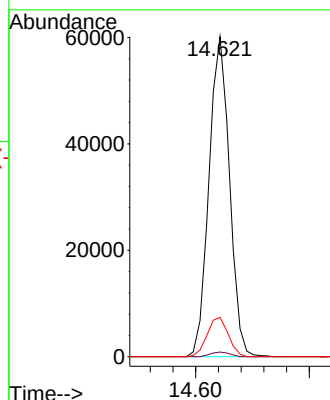
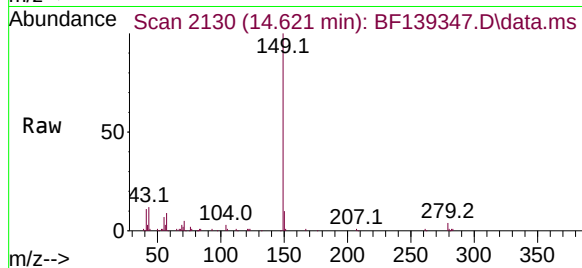




#85
Di-n-octyl phthalate
Concen: 9.330 ng
RT: 14.621 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

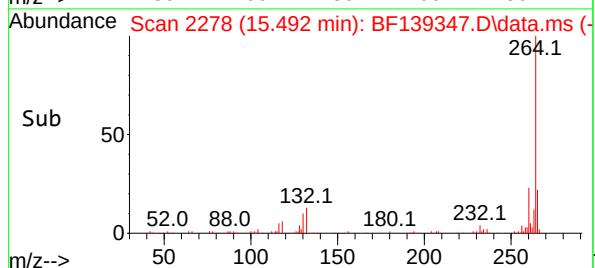
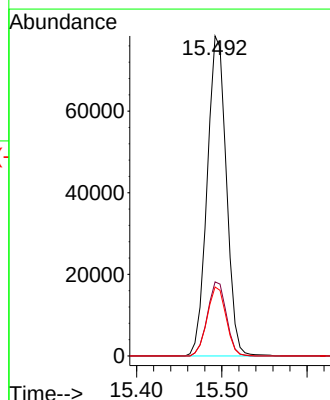
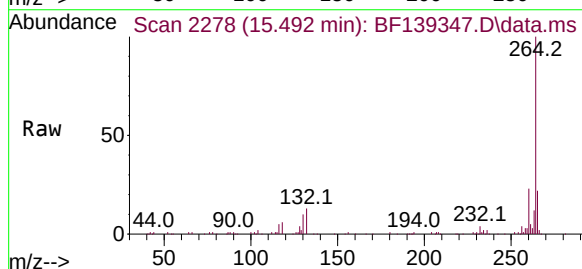
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

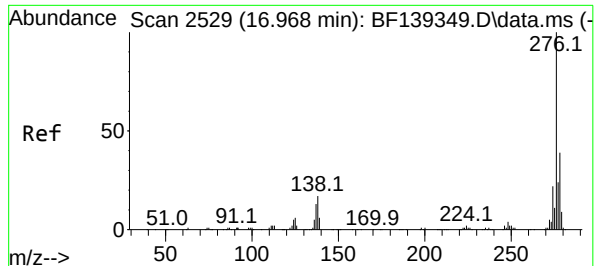
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	12.6	10.6	16.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.6	16.6	25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.200 ng

RT: 16.957 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF139347.D

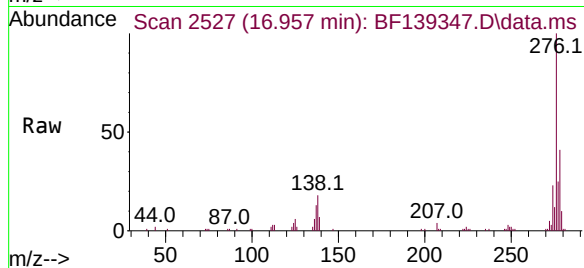
Acq: 13 Sep 2024 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



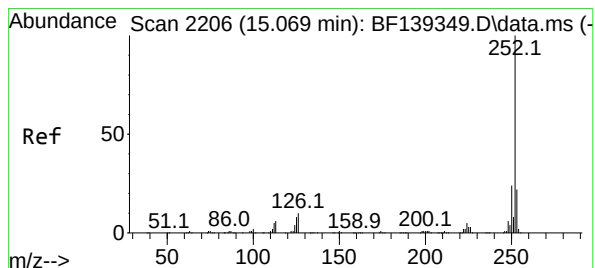
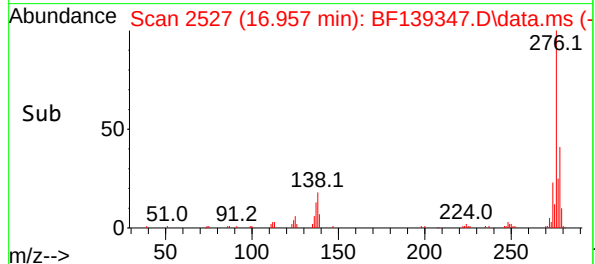
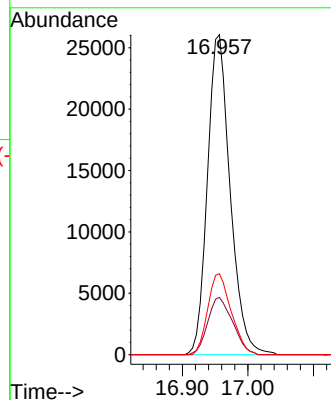
Tgt Ion:276 Resp: 62757

Ion Ratio Lower Upper

276 100

138 19.7 15.4 23.2

277 26.1 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 10.315 ng

RT: 15.063 min Scan# 2205

Delta R.T. -0.006 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

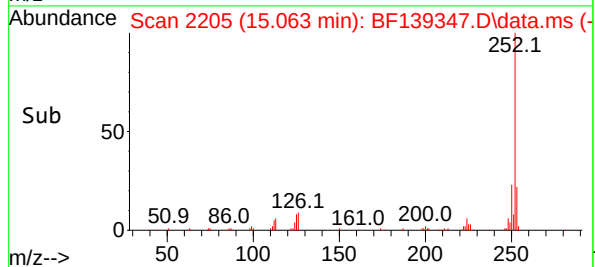
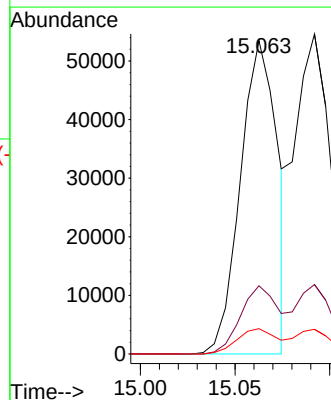
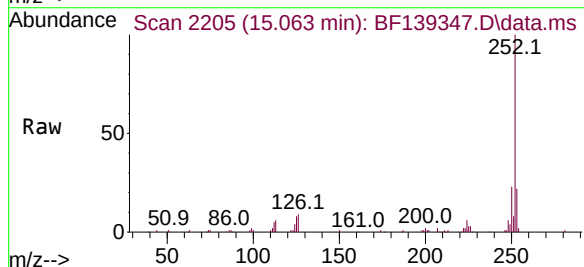
Tgt Ion:252 Resp: 72770

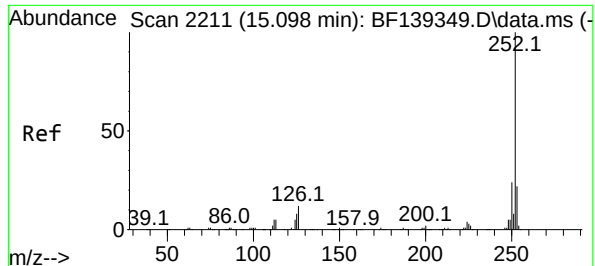
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 8.1 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 11.733 ng

RT: 15.092 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

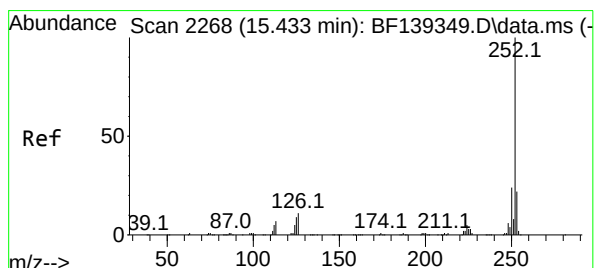
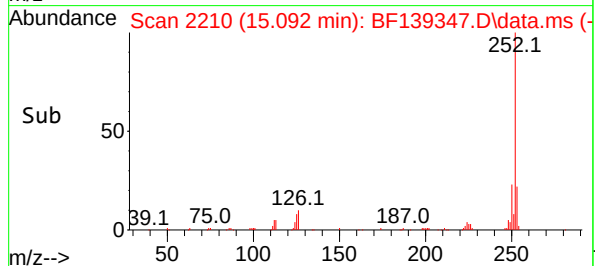
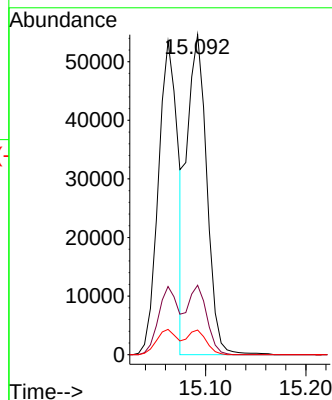
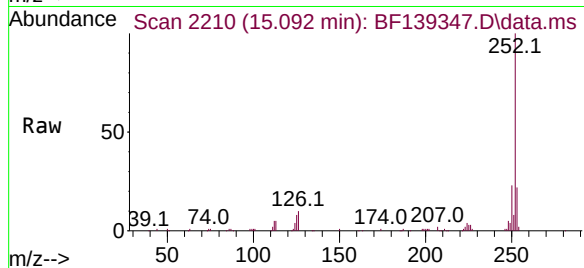
Tgt Ion:252 Resp: 74218

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 7.7 5.9 8.9



#90

Benzo(a)pyrene

Concen: 10.073 ng

RT: 15.427 min Scan# 2267

Delta R.T. -0.006 min

Lab File: BF139347.D

Acq: 13 Sep 2024 15:28

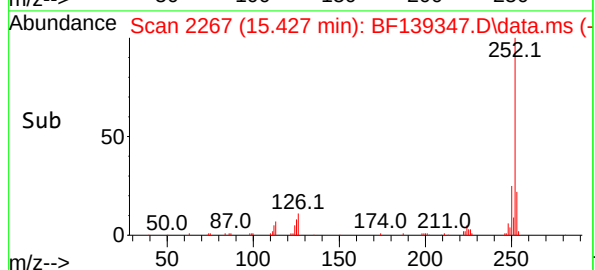
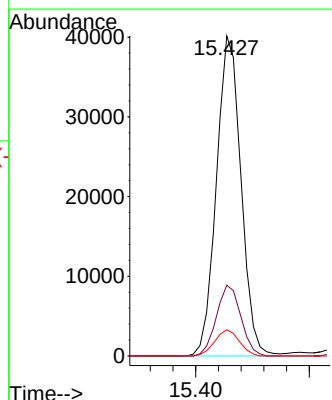
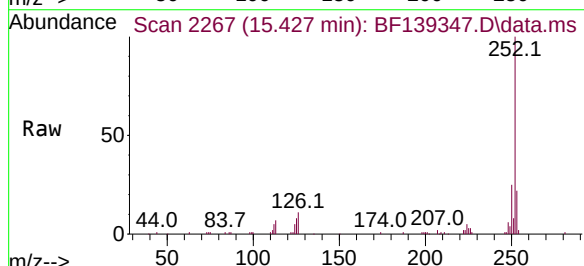
Tgt Ion:252 Resp: 60345

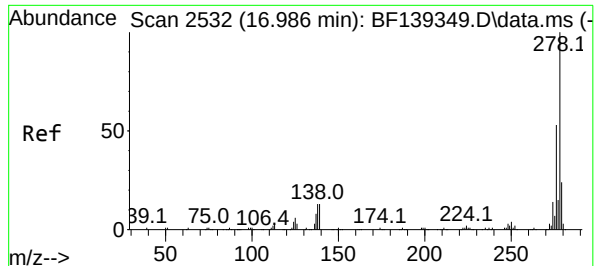
Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 8.2 6.8 10.2

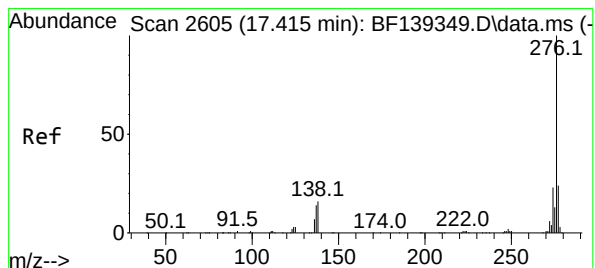
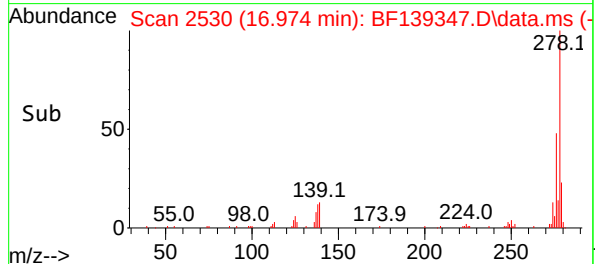
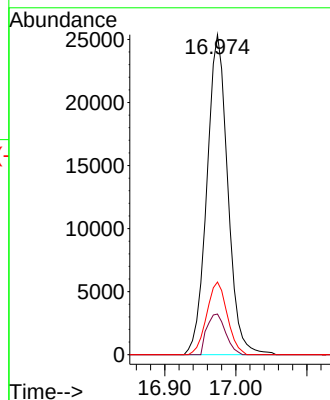
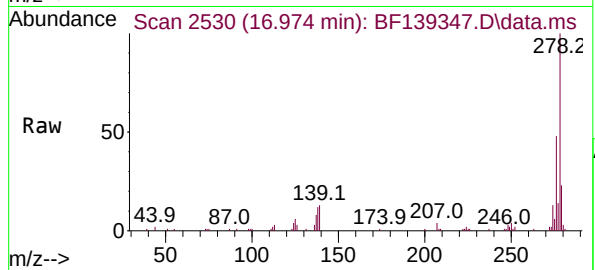




#91
Dibenzo(a,h)anthracene
Concen: 8.231 ng
RT: 16.974 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

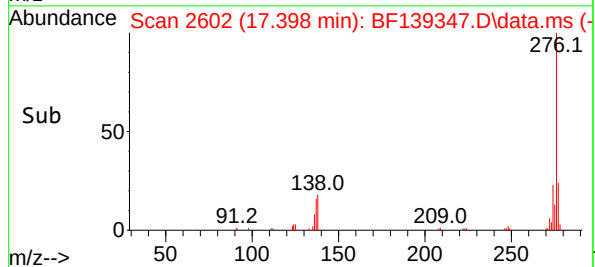
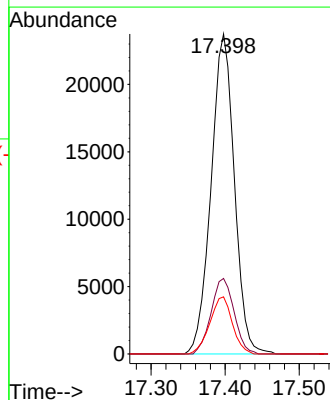
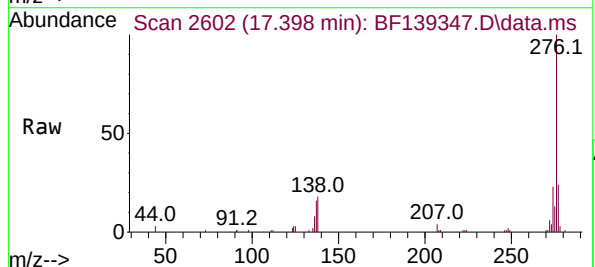
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 51908
Ion Ratio Lower Upper
278 100
139 12.7 10.2 15.2
279 22.7 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 7.961 ng
RT: 17.398 min Scan# 2602
Delta R.T. -0.018 min
Lab File: BF139347.D
Acq: 13 Sep 2024 15:28

Tgt Ion:276 Resp: 51824
Ion Ratio Lower Upper
276 100
277 23.6 18.9 28.3
138 17.9 13.0 19.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
 Data File : BF139348.D
 Acq On : 13 Sep 2024 15:57
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Sep 14 02:15:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:10:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	50923	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	189834	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	105260	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	208290	20.000	ng	0.00
76) Chrysene-d12	14.027	240	135891	20.000	ng	0.00
86) Perylene-d12	15.498	264	113195	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	128561	42.233	ng	0.00
7) Phenol-d6	6.498	99	171089	42.101	ng	0.00
23) Nitrobenzene-d5	7.439	82	164789	45.159	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	46306	50.945	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	310200	45.491	ng	0.00
79) Terphenyl-d14	12.974	244	348294	41.382	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	26506	18.698	ng	95
3) Pyridine	3.410	79	60091	17.561	ng	99
4) n-Nitrosodimethylamine	3.357	42	49561	22.304	ng	99
6) Aniline	6.540	93	64899	17.367	ng	97
8) 2-Chlorophenol	6.657	128	66453	21.064	ng	97
9) Benzaldehyde	6.428	77	51506	20.939	ng	99
10) Phenol	6.516	94	87023	20.302	ng	99
11) bis(2-Chloroethyl)ether	6.610	93	60612	19.738	ng	99
12) 1,3-Dichlorobenzene	6.816	146	75121	21.037	ng	98
13) 1,4-Dichlorobenzene	6.892	146	77764	21.758	ng	98
14) 1,2-Dichlorobenzene	7.045	146	71860	21.557	ng	99
15) Benzyl Alcohol	7.016	79	67807	22.880	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	104227	17.829	ng	99
17) 2-Methylphenol	7.122	107	54852	21.285	ng	96
18) Hexachloroethane	7.392	117	28758	22.529	ng	96
19) n-Nitroso-di-n-propyla...	7.281	70	52195	22.301	ng	97
20) 3+4-Methylphenols	7.275	107	71930	22.147	ng	97
22) Acetophenone	7.287	105	101503	22.444	ng	94
24) Nitrobenzene	7.457	77	83852	21.650	ng	99
25) Isophorone	7.692	82	132546	21.246	ng	99
26) 2-Nitrophenol	7.775	139	32132	21.123	ng	99
27) 2,4-Dimethylphenol	7.804	122	43771	20.176	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	73765	19.846	ng	99
29) 2,4-Dichlorophenol	8.010	162	54056	20.810	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	63736	21.484	ng	98
31) Naphthalene	8.181	128	198468	20.645	ng	100
32) Benzoic acid	7.892	122	41479	20.990	ng	97
33) 4-Chloroaniline	8.228	127	63412	19.050	ng	99
34) Hexachlorobutadiene	8.298	225	43255	23.009	ng	98
35) Caprolactam	8.581	113	16927	21.049	ng	98
36) 4-Chloro-3-methylphenol	8.704	107	63754	22.523	ng	98
37) 2-Methylnaphthalene	8.869	142	129773	21.576	ng	99
38) 1-Methylnaphthalene	8.969	142	127098	21.486	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	63941	21.471	ng	100
41) Hexachlorocyclopentadiene	9.022	237	23604	24.662	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	40837	20.958	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
 Data File : BF139348.D
 Acq On : 13 Sep 2024 15:57
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

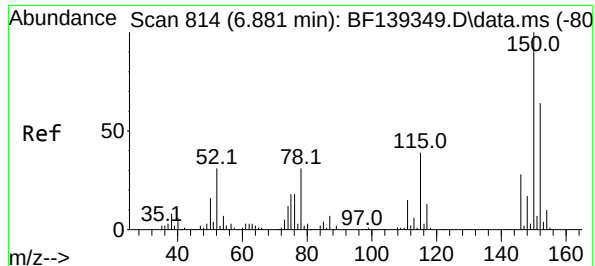
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:10:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	44874	21.977	ng	98
46) 1,1'-Biphenyl	9.333	154	164874	21.141	ng	99
47) 2-Chloronaphthalene	9.357	162	124318	21.111	ng	99
48) 2-Nitroaniline	9.451	65	45879	22.619	ng	97
49) Acenaphthylene	9.775	152	189337	21.347	ng	99
50) Dimethylphthalate	9.628	163	142488	22.334	ng	99
51) 2,6-Dinitrotoluene	9.692	165	31924	22.057	ng	99
52) Acenaphthene	9.945	154	131194	22.302	ng	99
53) 3-Nitroaniline	9.857	138	32773	21.253	ng	99
54) 2,4-Dinitrophenol	9.963	184	15677	25.295	ng	# 78
55) Dibenzofuran	10.116	168	182945	21.691	ng	99
56) 4-Nitrophenol	10.010	139	25626	22.515	ng	99
57) 2,4-Dinitrotoluene	10.092	165	41181	22.355	ng	95
58) Fluorene	10.457	166	149842	22.915	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	38272	23.811	ng	97
60) Diethylphthalate	10.328	149	147877	23.553	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	72779	23.079	ng	99
62) 4-Nitroaniline	10.469	138	36226	24.679	ng	98
63) Azobenzene	10.610	77	144713	21.869	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	21797	22.648	ng	97
66) n-Nitrosodiphenylamine	10.569	169	123420	20.356	ng	98
67) 4-Bromophenyl-phenylether	10.939	248	41859	20.713	ng	97
68) Hexachlorobenzene	11.004	284	47538	20.548	ng	98
69) Atrazine	11.092	200	29971	21.426	ng	98
70) Pentachlorophenol	11.198	266	29804	22.302	ng	100
71) Phenanthrene	11.422	178	206521	21.224	ng	99
72) Anthracene	11.469	178	202170	21.269	ng	99
73) Carbazole	11.627	167	199586	22.466	ng	100
74) Di-n-butylphthalate	11.957	149	223465	24.566	ng	100
75) Fluoranthene	12.604	202	236740	24.268	ng	100
77) Benzidine	12.727	184	35663	13.034	ng	97
78) Pyrene	12.833	202	243332	18.536	ng	99
80) Butylbenzylphthalate	13.451	149	85593	27.698	ng	99
81) Benzo(a)anthracene	14.021	228	190760	21.984	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	53835	23.362	ng	99
83) Chrysene	14.057	228	163920	20.240	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	110906	30.577	ng	99
85) Di-n-octyl phthalate	14.621	149	146208	21.054	ng	100
87) Indeno(1,2,3-cd)pyrene	16.957	276	133029	18.812	ng	99
88) Benzo(b)fluoranthene	15.063	252	150795	23.132	ng	99
89) Benzo(k)fluoranthene	15.092	252	125290	21.436	ng	99
90) Benzo(a)pyrene	15.433	252	116755	21.093	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	110187	18.908	ng	98
92) Benzo(g,h,i)perylene	17.404	276	110255	18.329	ng	99

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

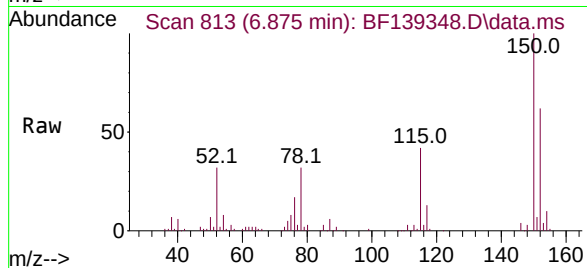
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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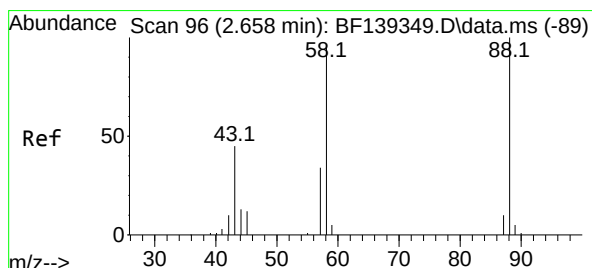
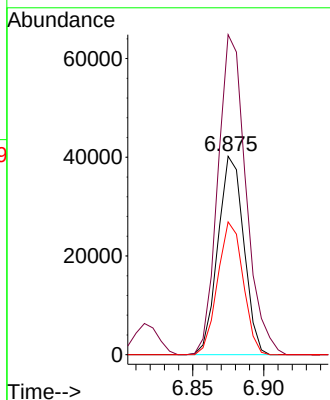
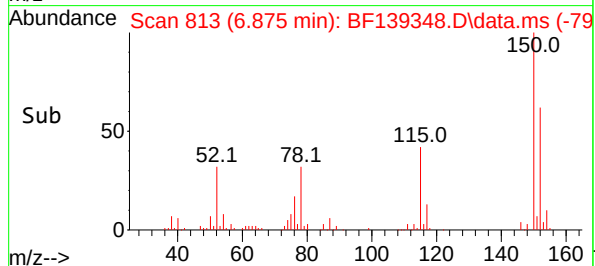


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

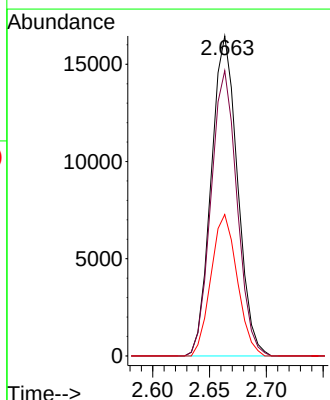
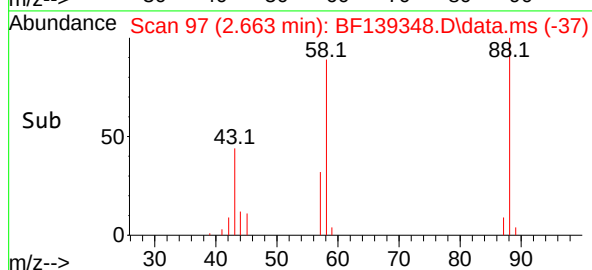
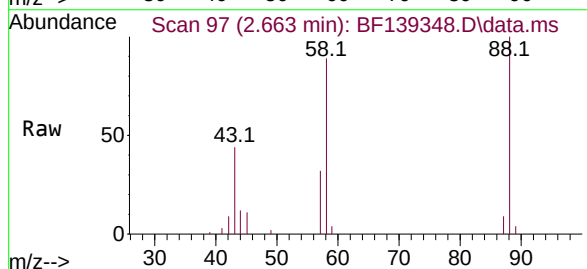


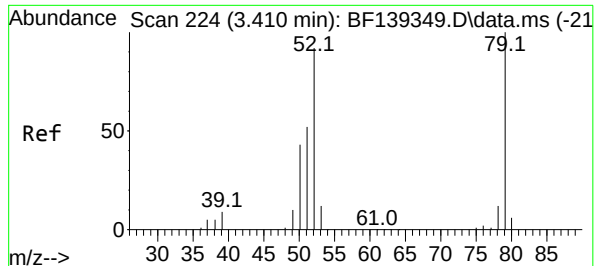
Tgt Ion:152 Resp: 50923
Ion Ratio Lower Upper
152 100
150 161.3 124.1 186.1
115 67.0 48.1 72.1



#2
1,4-Dioxane
Concen: 18.698 ng
RT: 2.663 min Scan# 97
Delta R.T. 0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion: 88 Resp: 26506
Ion Ratio Lower Upper
88 100
58 88.1 74.8 112.2
43 44.0 36.4 54.6





#3

Pyridine

Concen: 17.561 ng

RT: 3.410 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

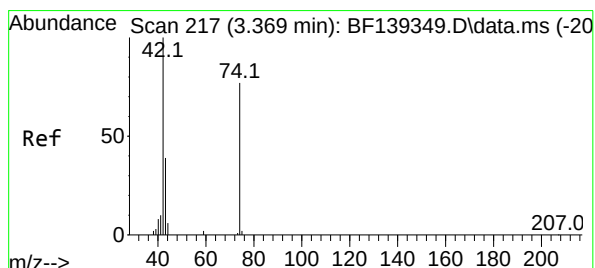
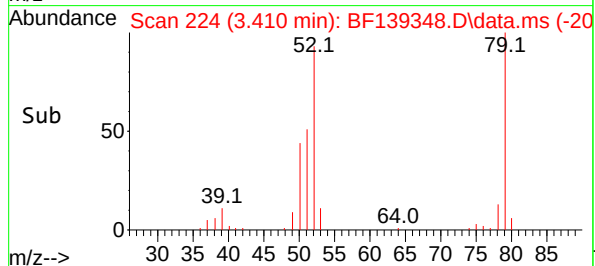
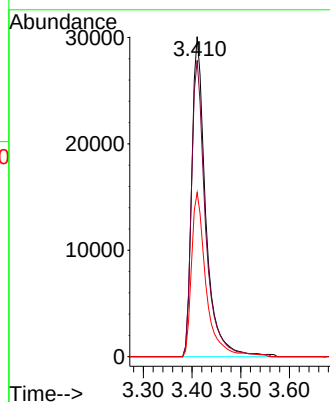
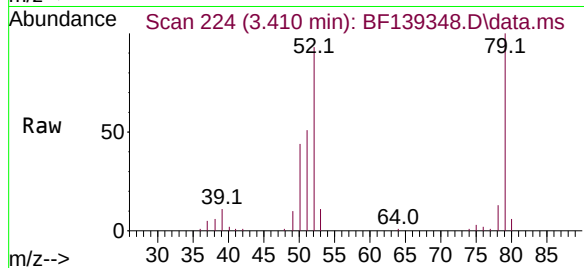
Tgt Ion: 79 Resp: 60091

Ion Ratio Lower Upper

79 100

52 92.6 73.8 110.8

51 51.3 41.8 62.6



#4

n-Nitrosodimethylamine

Concen: 22.304 ng

RT: 3.357 min Scan# 215

Delta R.T. -0.012 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

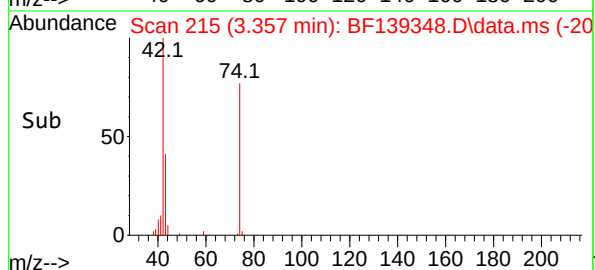
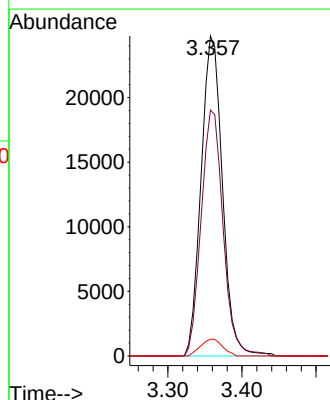
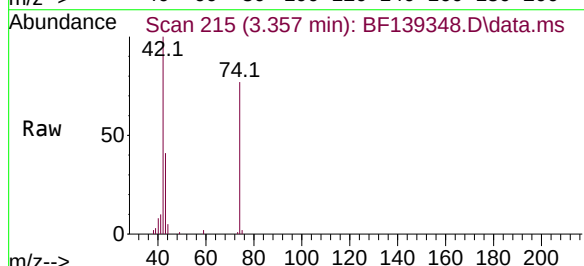
Tgt Ion: 42 Resp: 49561

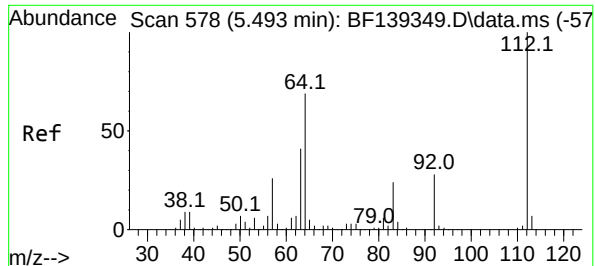
Ion Ratio Lower Upper

42 100

74 76.9 61.8 92.8

44 5.2 4.8 7.2

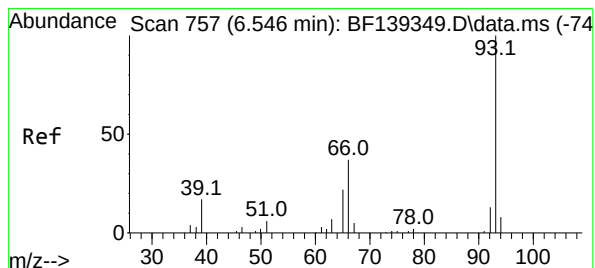
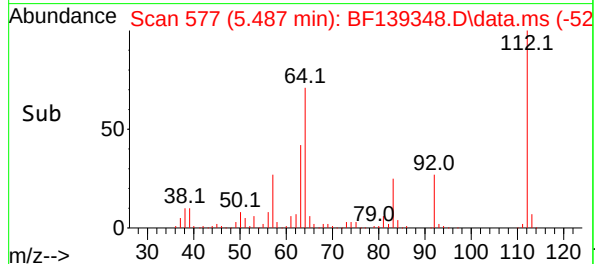
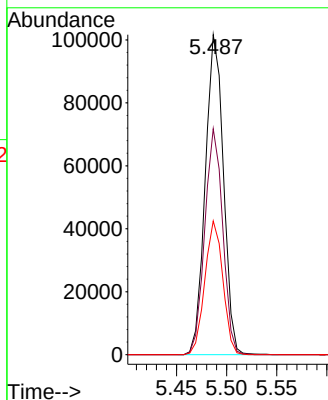
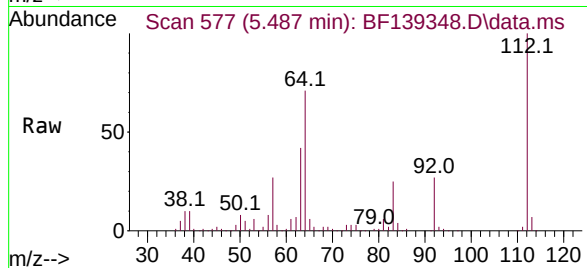




#5
2-Fluorophenol
Concen: 42.233 ng
RT: 5.487 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

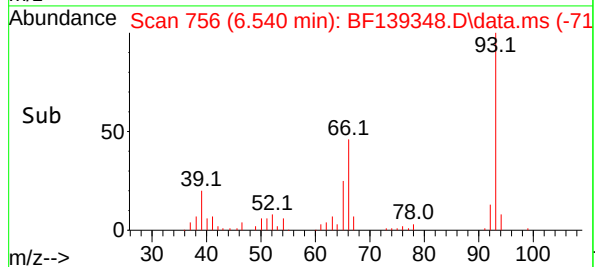
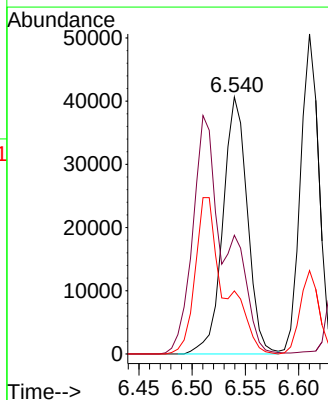
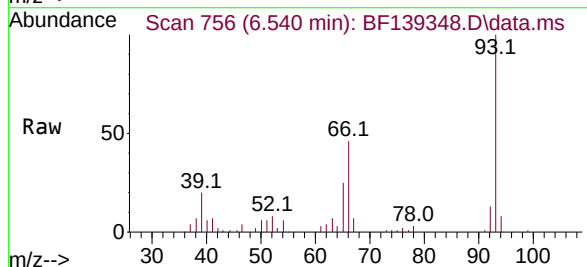
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

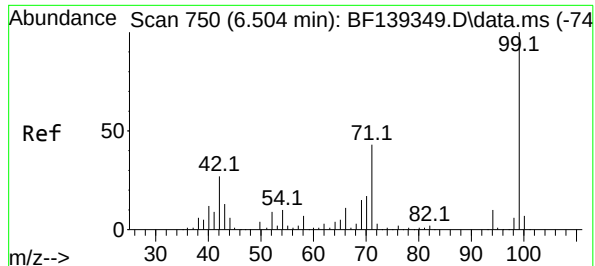
Tgt Ion:112 Resp: 128561
Ion Ratio Lower Upper
112 100
64 70.6 54.8 82.2
63 41.8 33.0 49.4



#6
Aniline
Concen: 17.367 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.030 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion: 93 Resp: 64899
Ion Ratio Lower Upper
93 100
66 46.2 35.4 53.0
65 24.5 18.2 27.4





#7

Phenol-d6

Concen: 42.101 ng

RT: 6.498 min Scan# 749

Delta R.T. -0.006 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

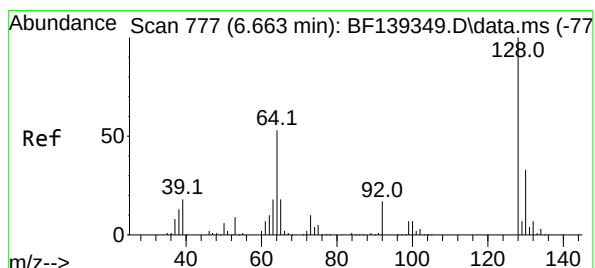
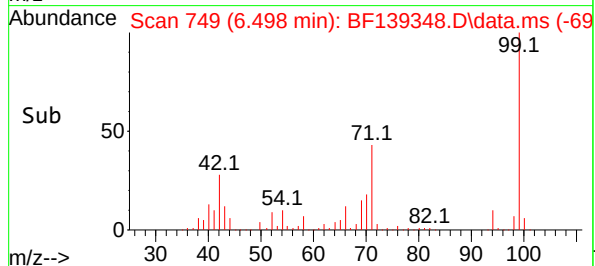
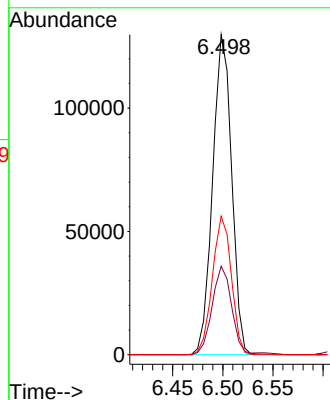
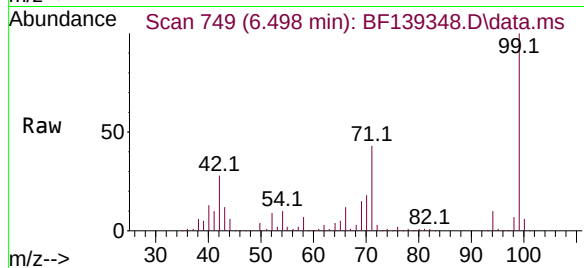
Tgt Ion: 99 Resp: 171089

Ion Ratio Lower Upper

99 100

42 27.7 21.9 32.9

71 43.3 34.6 52.0



#8

2-Chlorophenol

Concen: 21.064 ng

RT: 6.657 min Scan# 776

Delta R.T. -0.006 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

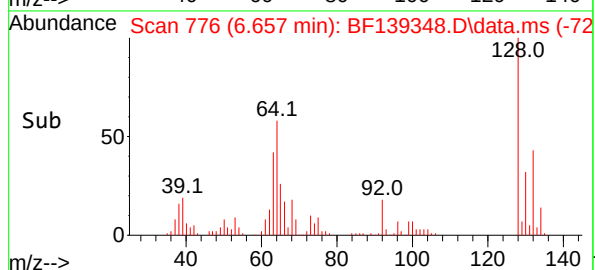
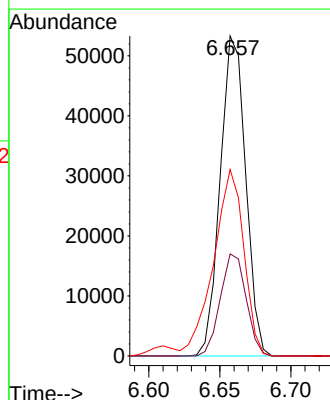
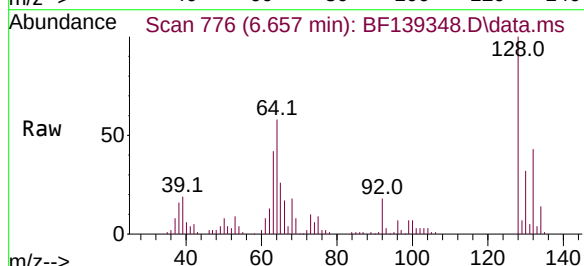
Tgt Ion: 128 Resp: 66453

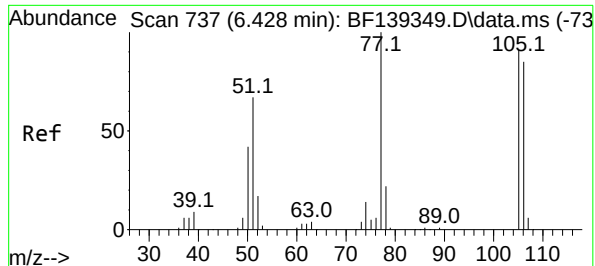
Ion Ratio Lower Upper

128 100

130 31.9 12.8 52.8

64 58.3 35.1 75.1





#9

Benzaldehyde

Concen: 20.939 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

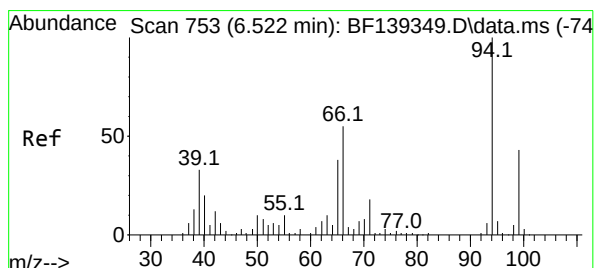
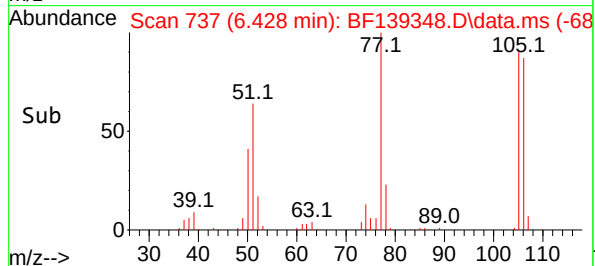
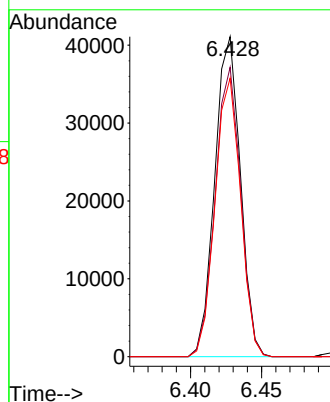
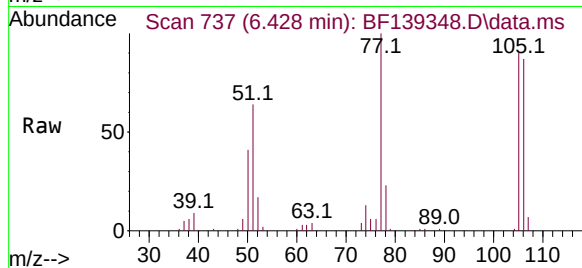
Tgt Ion: 77 Resp: 51506

Ion Ratio Lower Upper

77 100

105 90.4 71.0 111.0

106 87.1 64.9 104.9



#10

Phenol

Concen: 20.302 ng

RT: 6.516 min Scan# 752

Delta R.T. -0.006 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

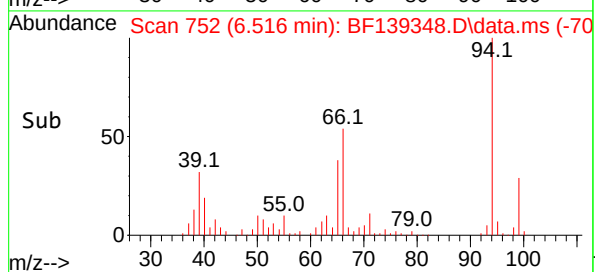
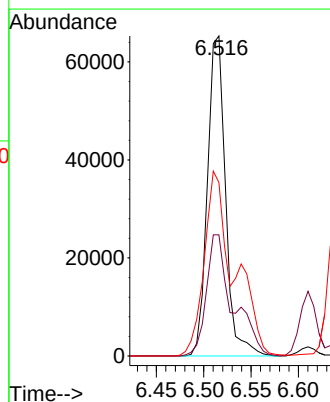
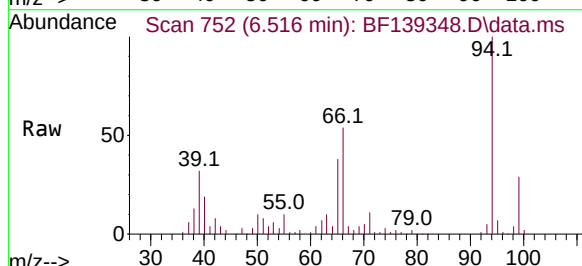
Tgt Ion: 94 Resp: 87023

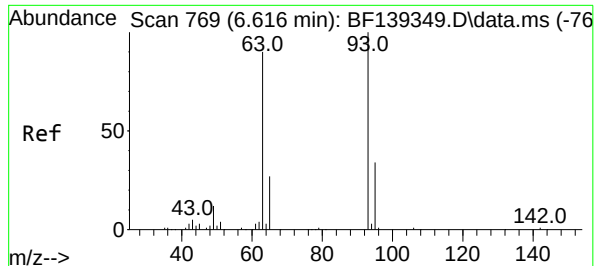
Ion Ratio Lower Upper

94 100

65 37.9 17.6 57.6

66 54.2 35.2 75.2





#11

bis(2-Chloroethyl)ether

Concen: 19.738 ng

RT: 6.610 min Scan# 706

Delta R.T. -0.006 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

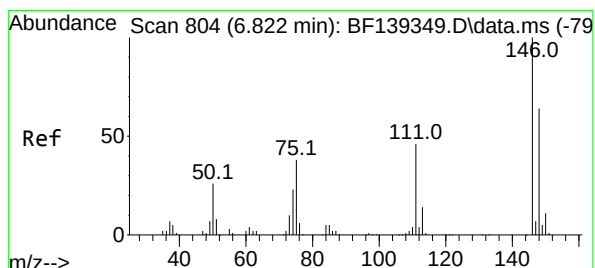
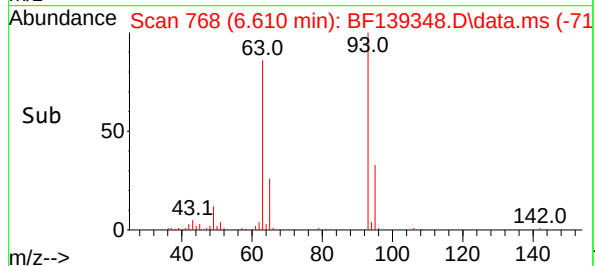
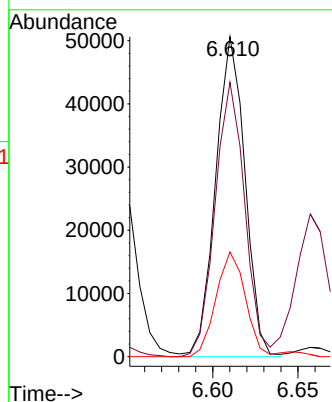
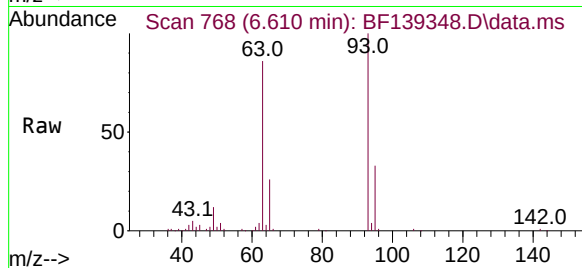
Tgt Ion: 93 Resp: 60612

Ion Ratio Lower Upper

93 100

63 85.7 65.3 105.3

95 32.8 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 21.037 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

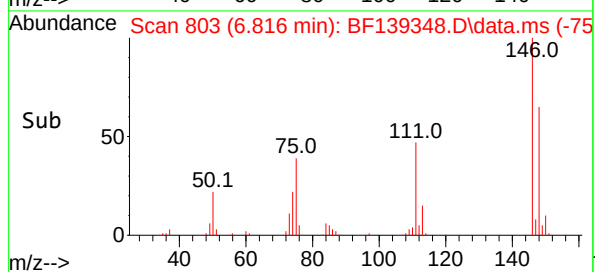
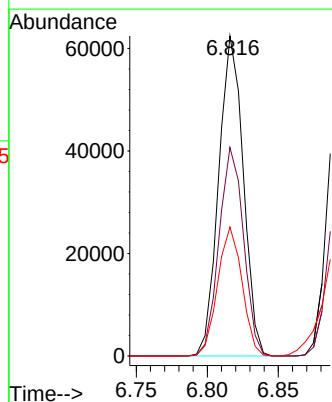
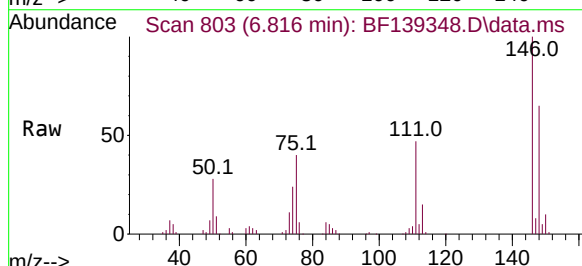
Tgt Ion: 146 Resp: 75121

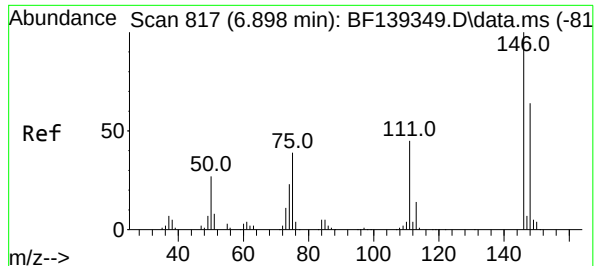
Ion Ratio Lower Upper

146 100

148 65.1 51.2 76.8

75 40.3 30.6 46.0





#13

1,4-Dichlorobenzene

Concen: 21.758 ng

RT: 6.892 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

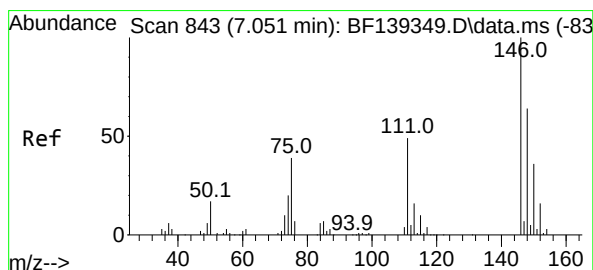
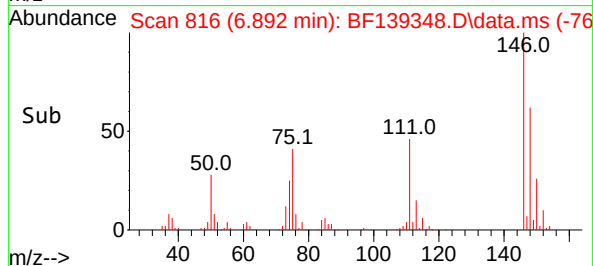
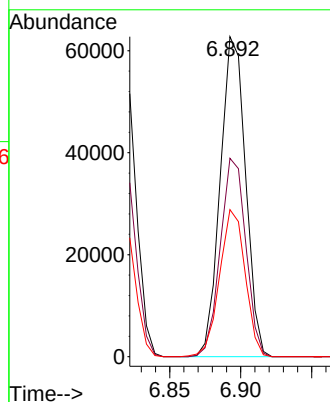
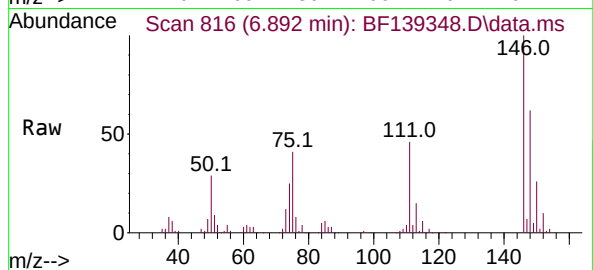
Tgt Ion:146 Resp: 77764

Ion Ratio Lower Upper

146 100

148 62.0 50.9 76.3

111 46.0 36.3 54.5



#14

1,2-Dichlorobenzene

Concen: 21.557 ng

RT: 7.045 min Scan# 842

Delta R.T. -0.006 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

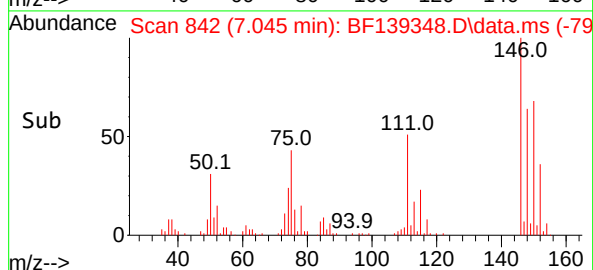
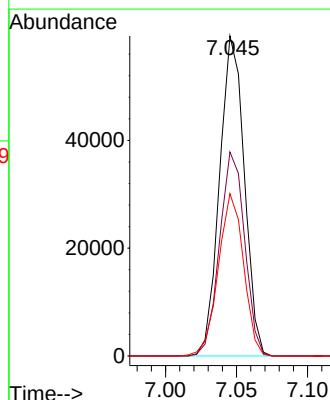
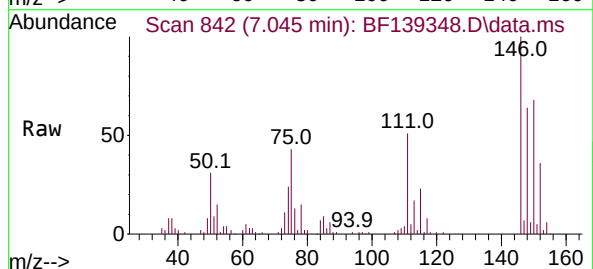
Tgt Ion:146 Resp: 71860

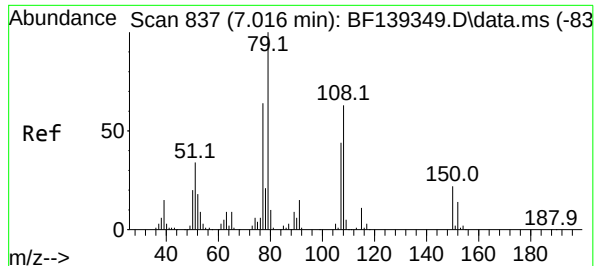
Ion Ratio Lower Upper

146 100

148 63.8 50.9 76.3

111 50.7 38.9 58.3





#15

Benzyl Alcohol

Concen: 22.880 ng

RT: 7.016 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

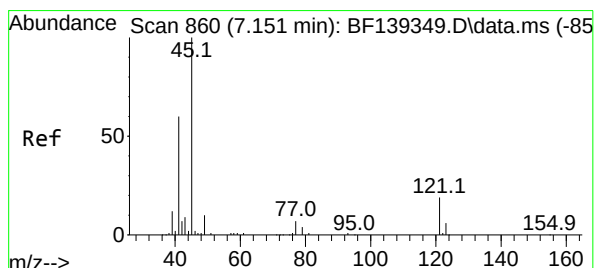
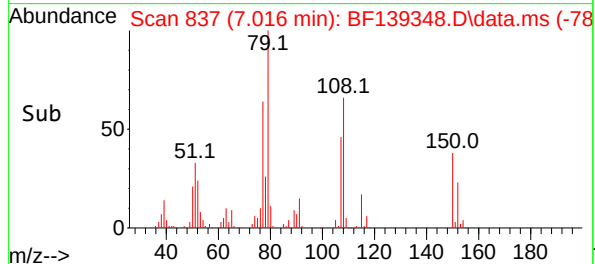
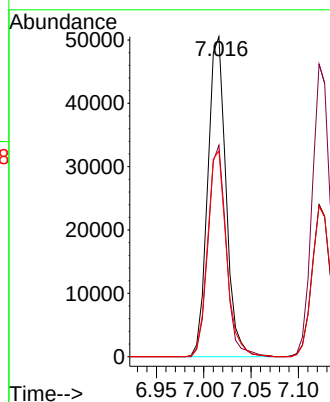
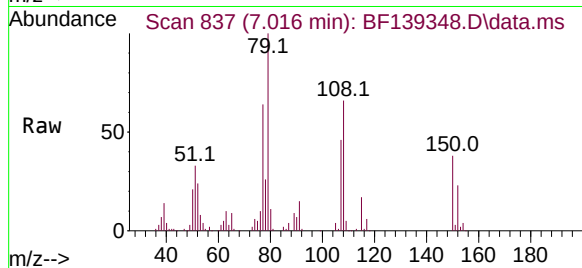
Tgt Ion: 79 Resp: 67807

Ion Ratio Lower Upper

79 100

108 66.1 50.4 75.6

77 64.3 51.4 77.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 17.829 ng

RT: 7.151 min Scan# 860

Delta R.T. -0.000 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

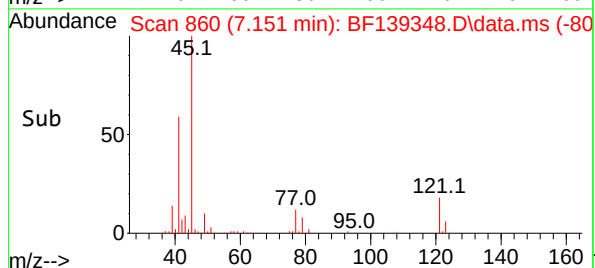
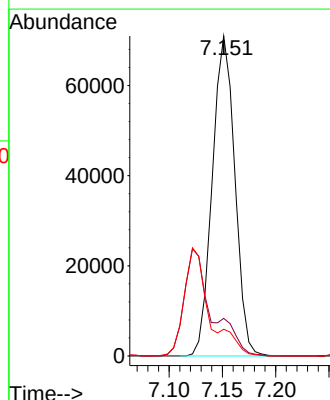
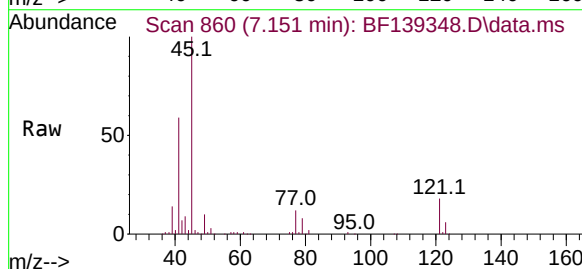
Tgt Ion: 45 Resp: 104227

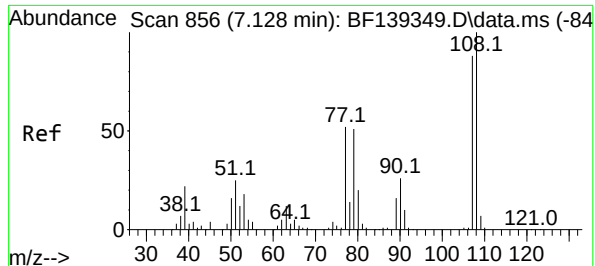
Ion Ratio Lower Upper

45 100

77 11.8 0.0 32.0

79 8.4 0.0 29.1

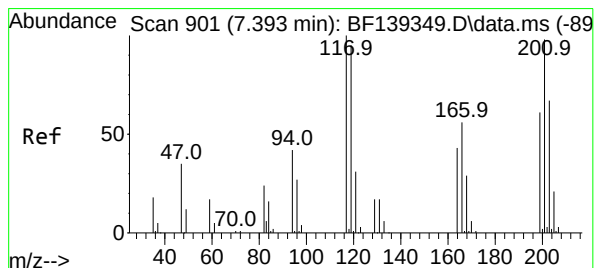
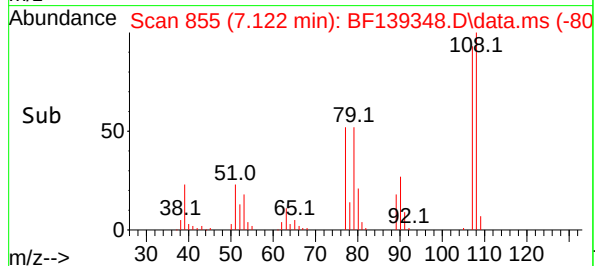
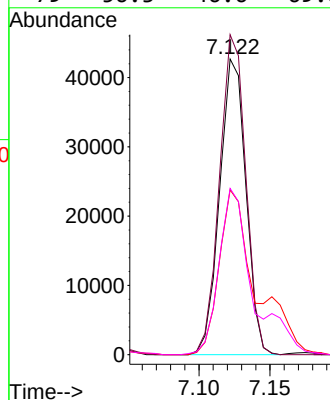
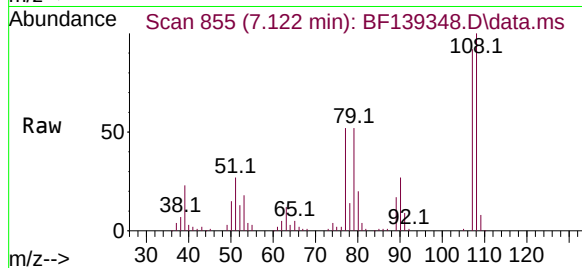




#17
2-Methylphenol
Concen: 21.285 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

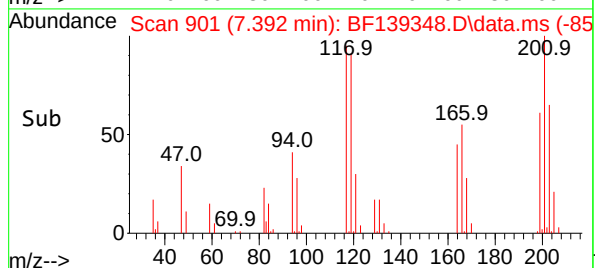
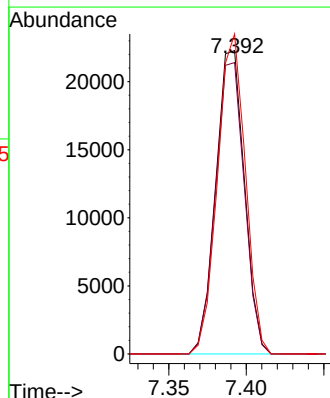
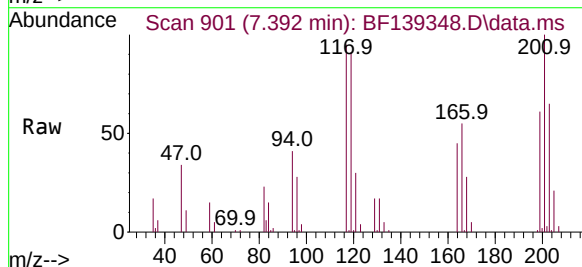
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

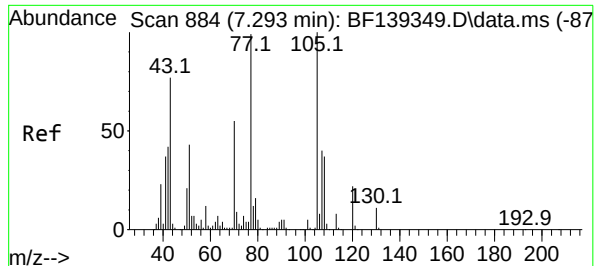
Tgt Ion:	107	Resp:	54852
Ion	Ratio	Lower	Upper
107	100		
108	108.2	90.5	135.7
77	55.7	47.1	70.7
79	56.3	46.6	69.8



#18
Hexachloroethane
Concen: 22.529 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:	117	Resp:	28758
Ion	Ratio	Lower	Upper
117	100		
119	96.0	75.8	113.8
201	105.5	78.6	118.0





#19

n-Nitroso-di-n-propylamine

Concen: 22.301 ng

RT: 7.281 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF139348.D

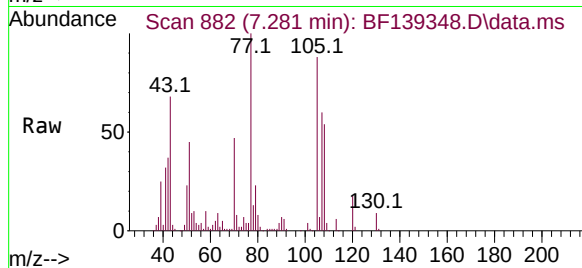
Acq: 13 Sep 2024 15:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion: 70 Resp: 52195

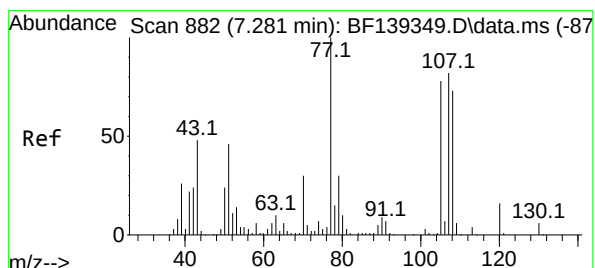
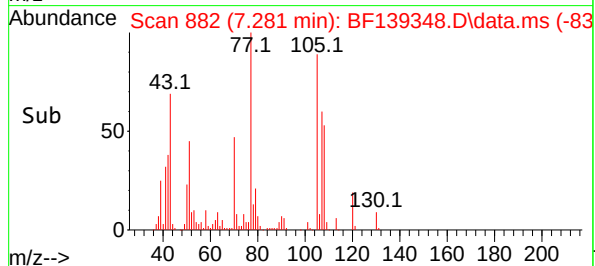
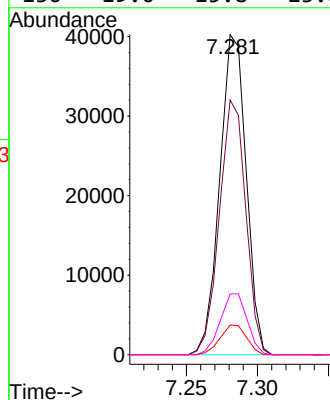
Ion Ratio Lower Upper

70 100

42 79.6 61.2 91.8

101 9.3 7.5 11.3

130 19.0 15.8 23.8



#20

3+4-Methylphenols

Concen: 22.147 ng

RT: 7.275 min Scan# 881

Delta R.T. -0.006 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Tgt Ion: 107 Resp: 71930

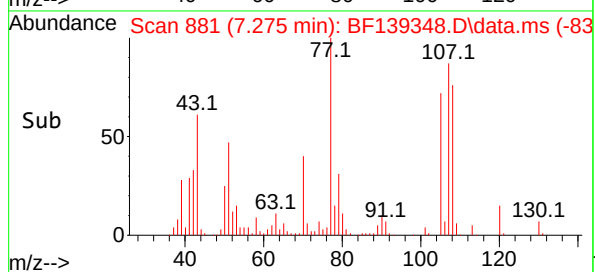
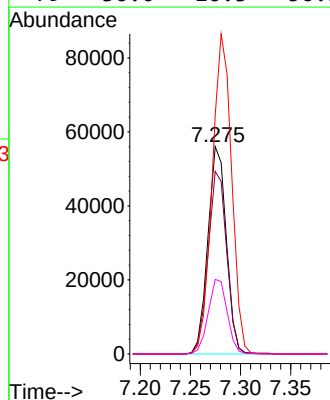
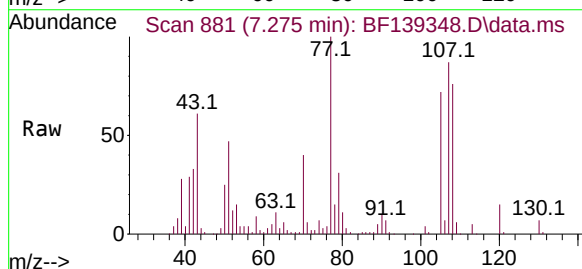
Ion Ratio Lower Upper

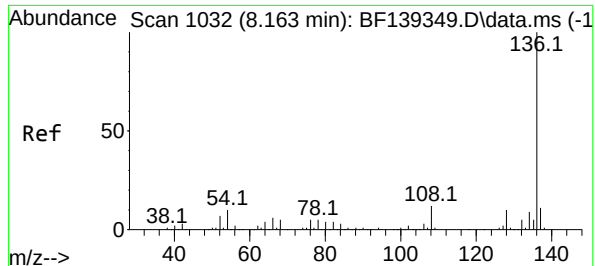
107 100

108 88.1 68.6 108.6

77 115.3 101.6 141.6

79 36.0 16.3 56.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1031

Delta R.T. -0.006 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:136 Resp: 189834

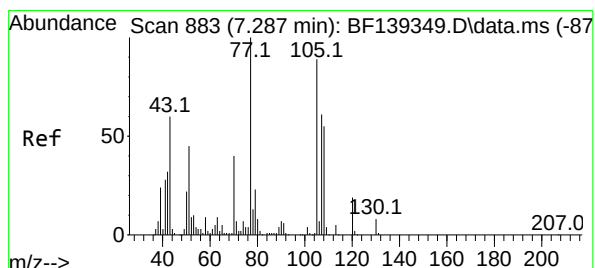
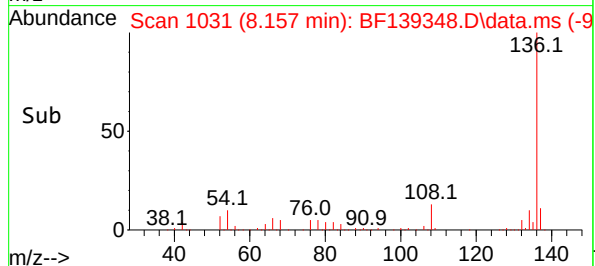
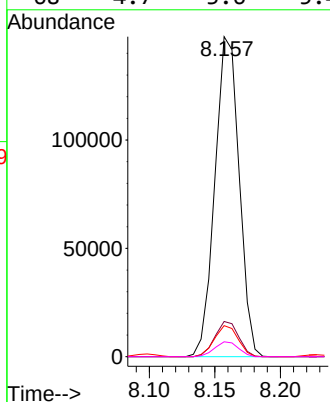
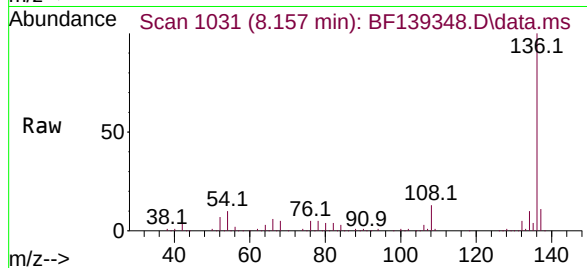
Ion Ratio Lower Upper

136 100

137 11.0 8.6 12.8

54 9.7 7.8 11.8

68 4.7 3.6 5.4



#22

Acetophenone

Concen: 22.444 ng

RT: 7.287 min Scan# 883

Delta R.T. -0.000 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Tgt Ion:105 Resp: 101503

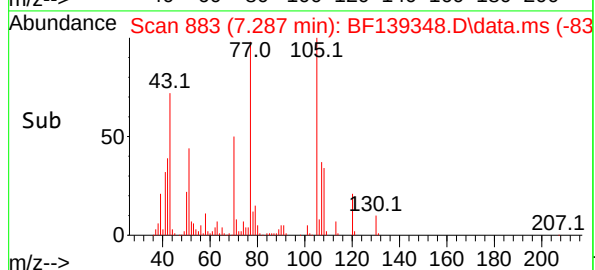
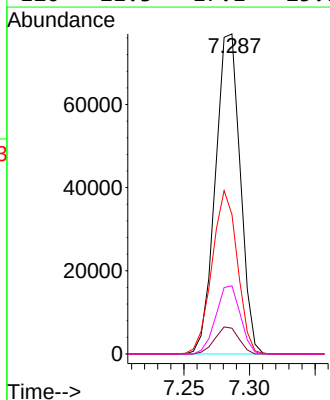
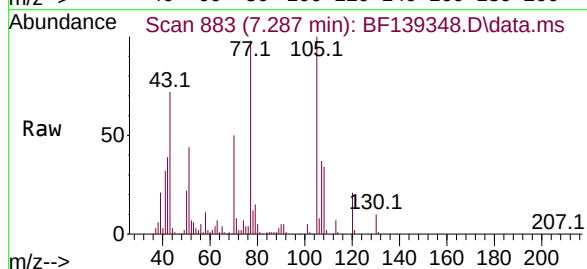
Ion Ratio Lower Upper

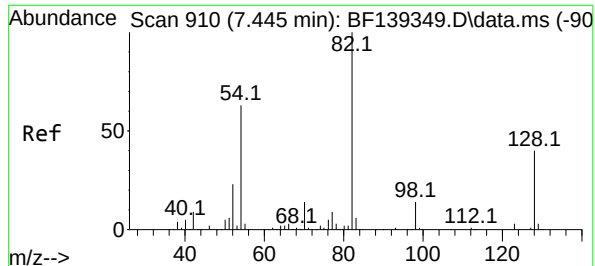
105 100

71 8.0 5.9 8.9

51 43.5 40.0 60.0

120 21.3 17.1 25.7





#23

Nitrobenzene-d5

Concen: 45.159 ng

RT: 7.439 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

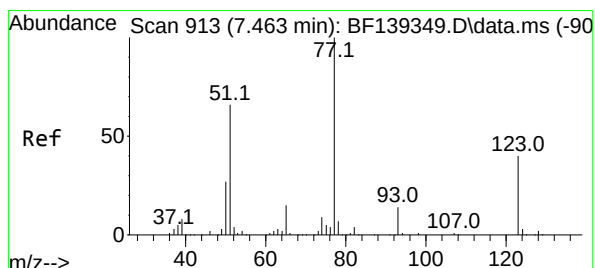
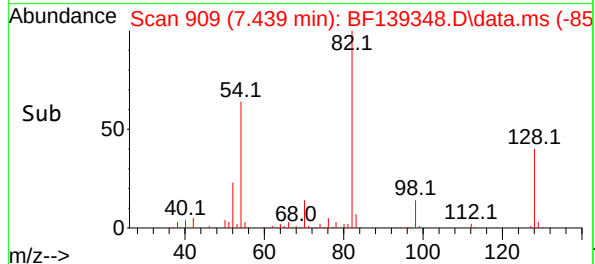
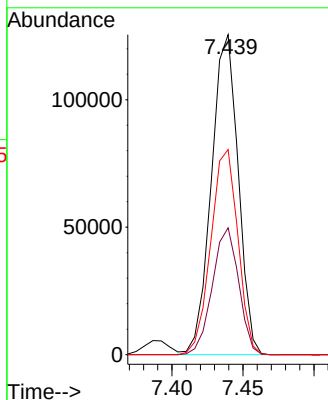
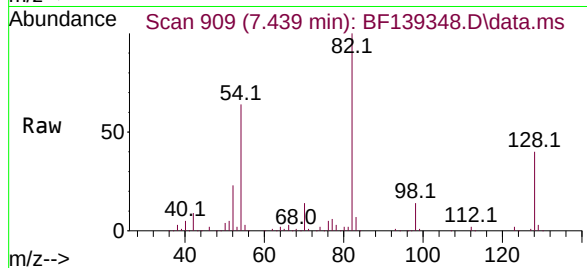
Tgt Ion: 82 Resp: 164789

Ion Ratio Lower Upper

82 100

128 39.7 31.8 47.6

54 64.1 50.6 75.8



#24

Nitrobenzene

Concen: 21.650 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

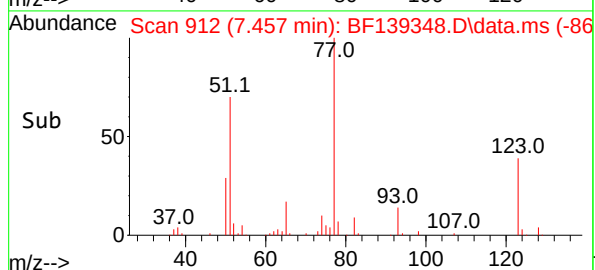
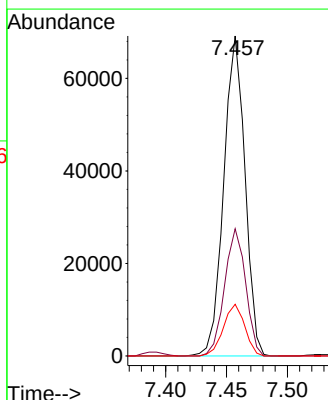
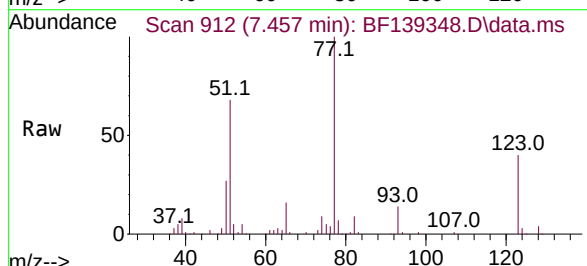
Tgt Ion: 77 Resp: 83852

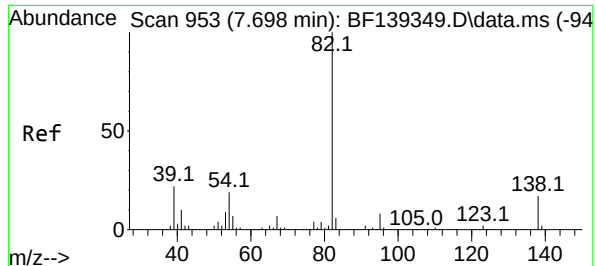
Ion Ratio Lower Upper

77 100

123 39.8 32.2 48.4

65 16.2 12.2 18.4

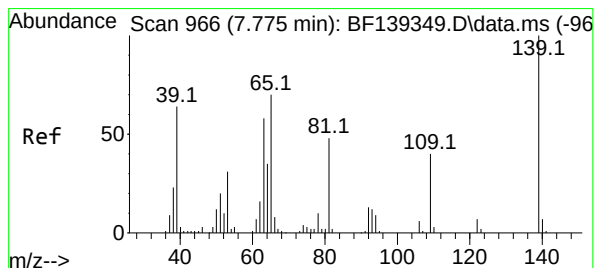
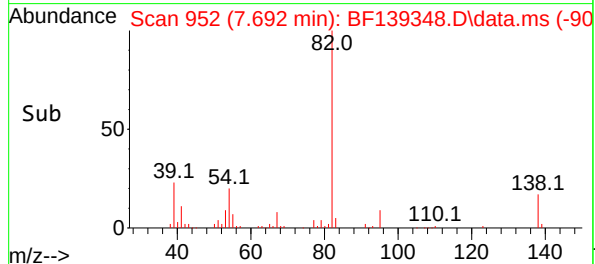
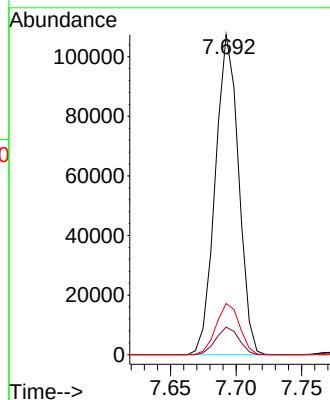
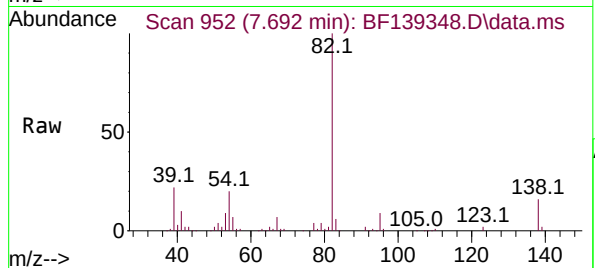




#25
Isophorone
Concen: 21.246 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

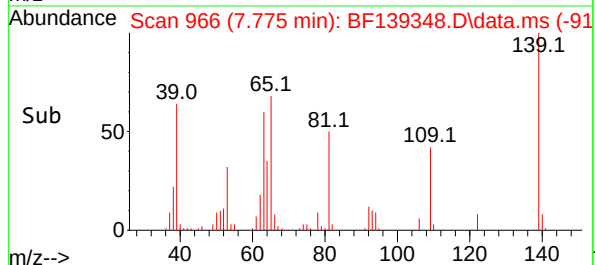
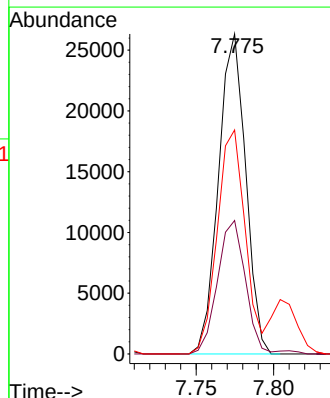
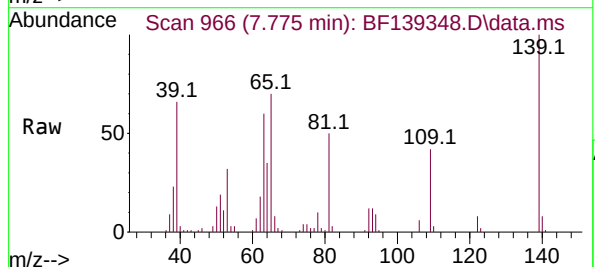
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

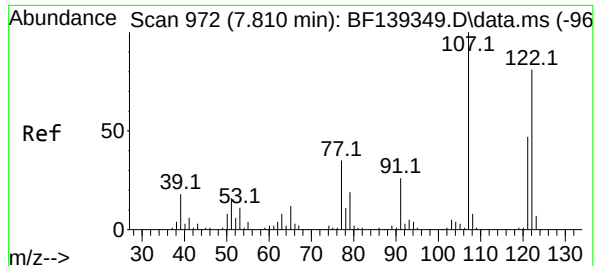
Tgt Ion: 82 Resp: 132546
Ion Ratio Lower Upper
82 100
95 8.6 6.7 10.1
138 16.0 13.3 19.9



#26
2-Nitrophenol
Concen: 21.123 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:139 Resp: 32132
Ion Ratio Lower Upper
139 100
109 41.7 32.2 48.2
65 70.0 55.8 83.8





#27

2,4-Dimethylphenol

Concen: 20.176 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

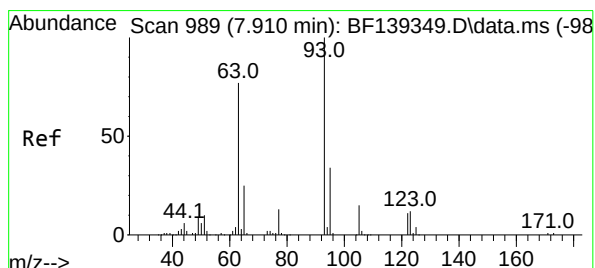
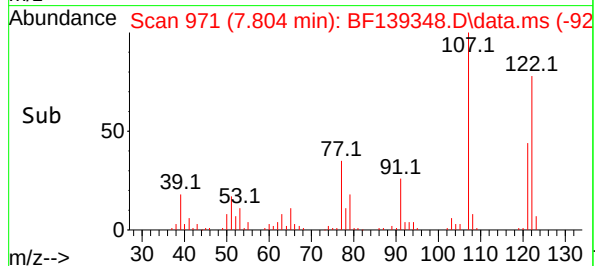
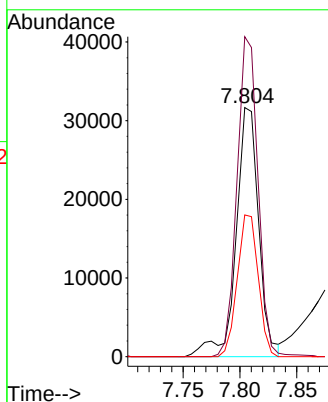
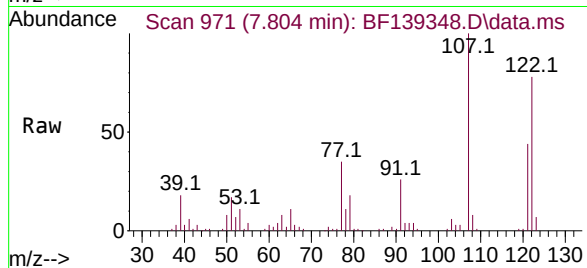
Tgt Ion:122 Resp: 43771

Ion Ratio Lower Upper

122 100

107 128.4 99.1 148.7

121 56.9 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 19.846 ng

RT: 7.904 min Scan# 988

Delta R.T. -0.006 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

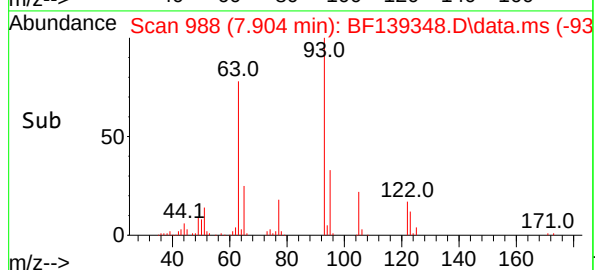
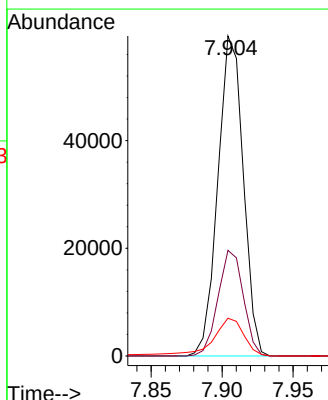
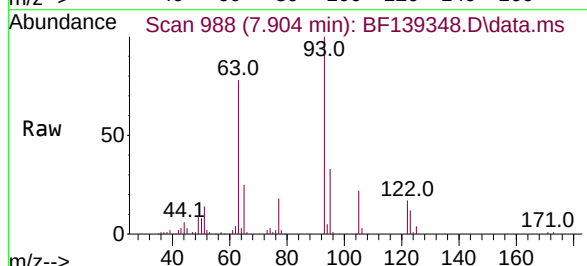
Tgt Ion: 93 Resp: 73765

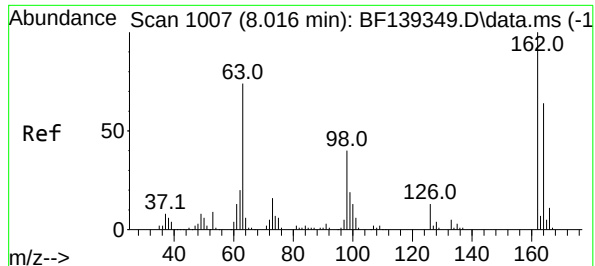
Ion Ratio Lower Upper

93 100

95 33.0 26.9 40.3

123 11.8 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 20.810 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

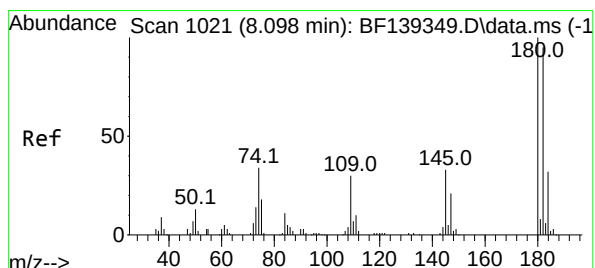
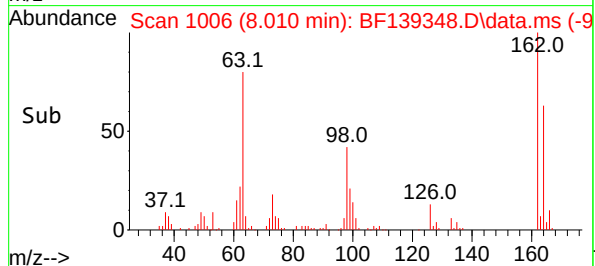
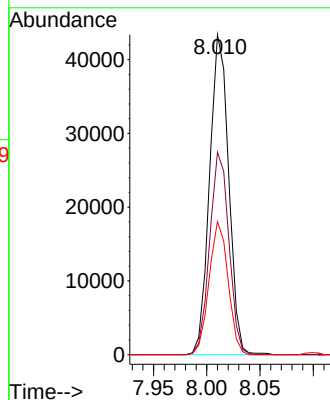
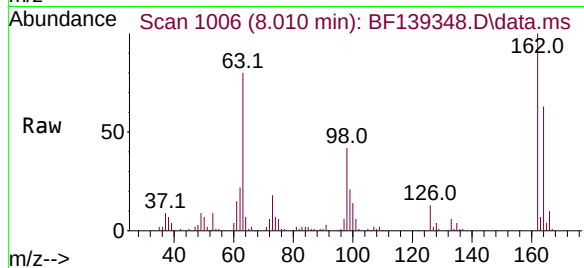
Tgt Ion:162 Resp: 54056

Ion Ratio Lower Upper

162 100

164 63.3 43.6 83.6

98 41.6 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 21.484 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

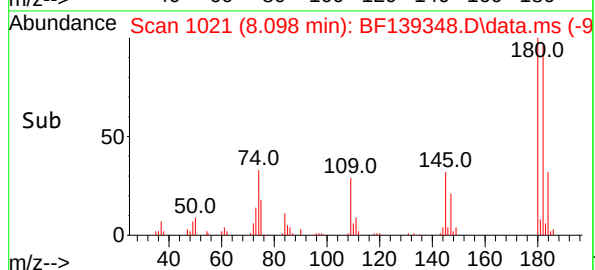
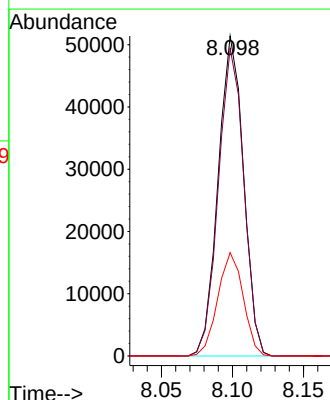
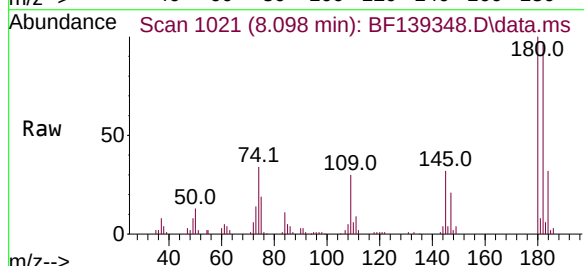
Tgt Ion:180 Resp: 63736

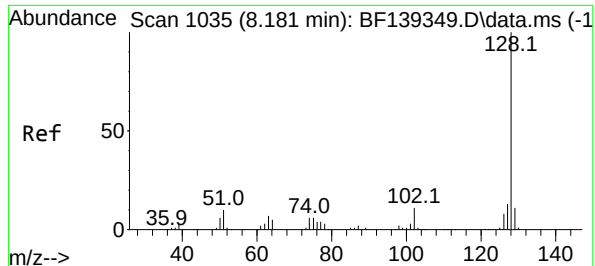
Ion Ratio Lower Upper

180 100

182 96.2 75.7 113.5

145 32.3 26.5 39.7

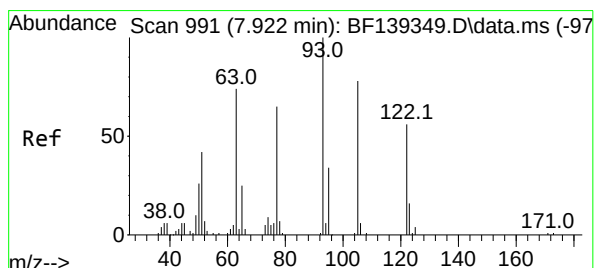
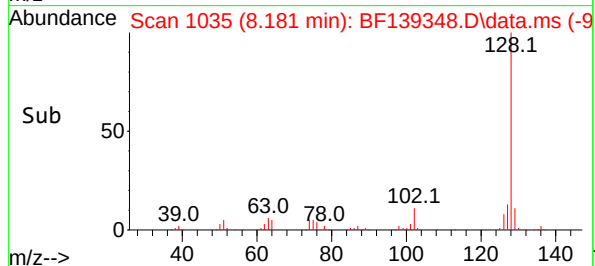
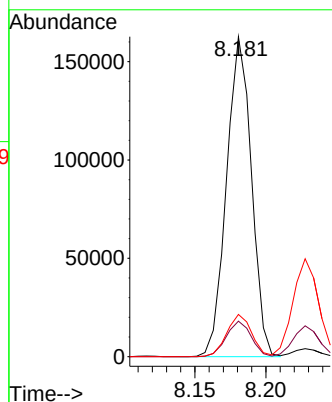
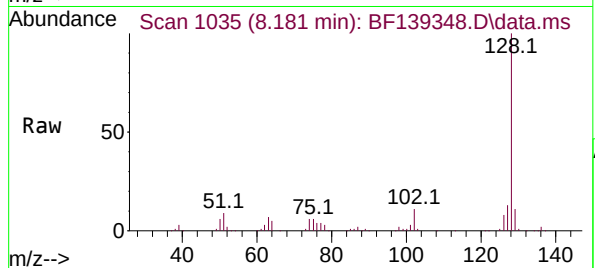




#31
Naphthalene
Concen: 20.645 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

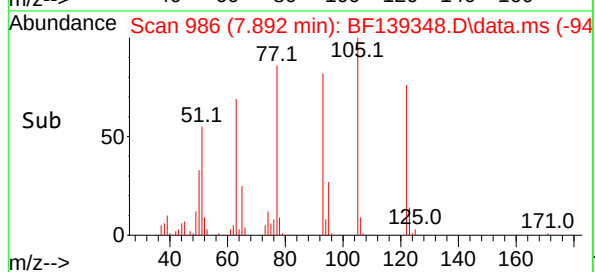
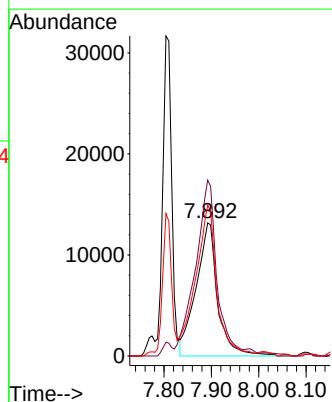
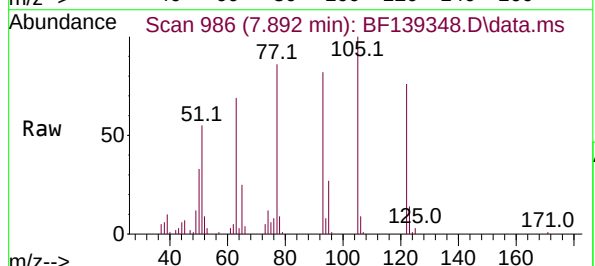
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

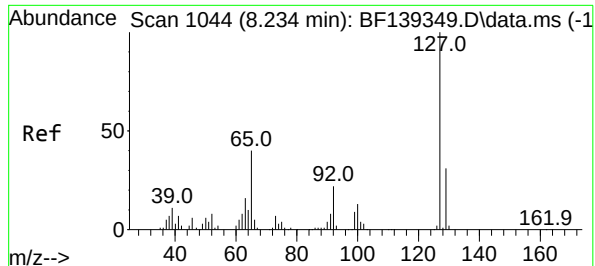
Tgt Ion:128 Resp: 198468
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 20.990 ng
RT: 7.892 min Scan# 986
Delta R.T. -0.030 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:122 Resp: 41479
Ion Ratio Lower Upper
122 100
105 132.1 117.1 157.1
77 113.3 95.4 135.4





#33

4-Chloroaniline

Concen: 19.050 ng

RT: 8.228 min Scan# 1043

Delta R.T. -0.006 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:127 Resp: 63412

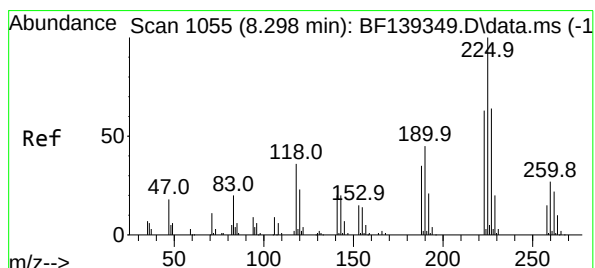
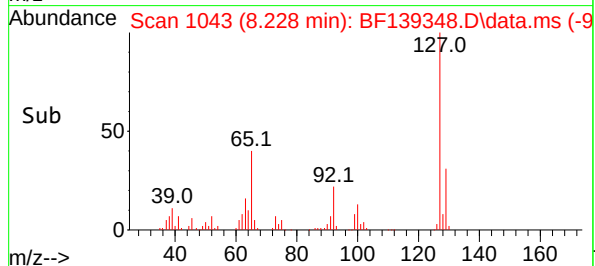
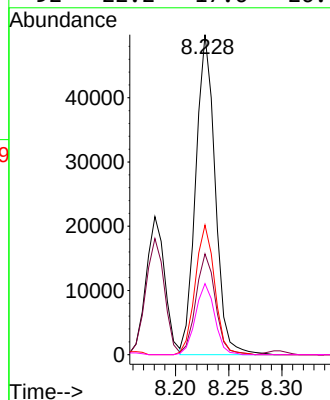
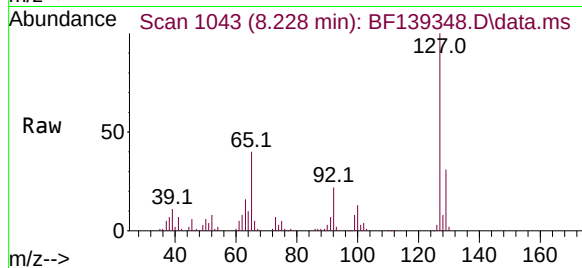
Ion Ratio Lower Upper

127 100

129 31.5 25.5 38.3

65 40.5 31.5 47.3

92 22.2 17.6 26.4



#34

Hexachlorobutadiene

Concen: 23.009 ng

RT: 8.298 min Scan# 1055

Delta R.T. -0.000 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

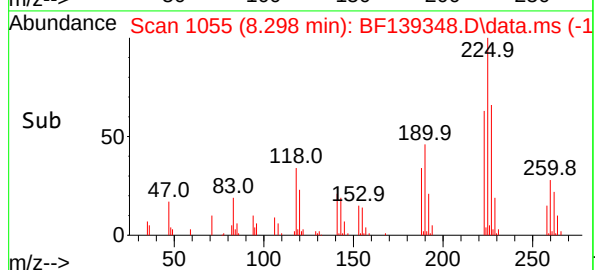
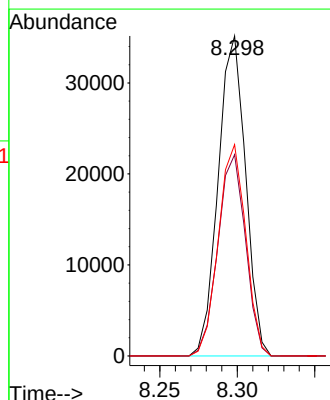
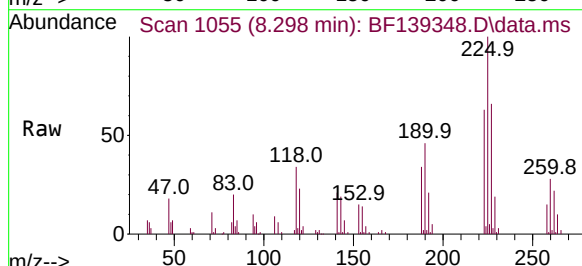
Tgt Ion:225 Resp: 43255

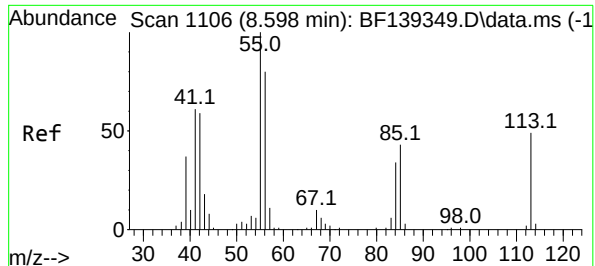
Ion Ratio Lower Upper

225 100

223 62.9 50.1 75.1

227 66.1 51.0 76.6





#35

Caprolactam

Concen: 21.049 ng

RT: 8.581 min Scan# 1103

Delta R.T. -0.018 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

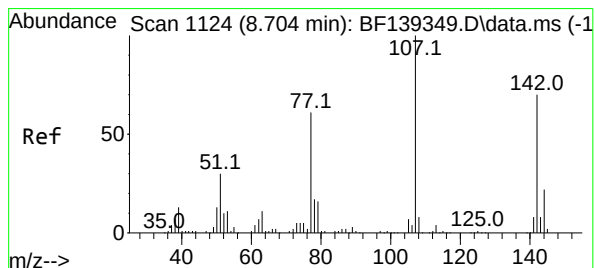
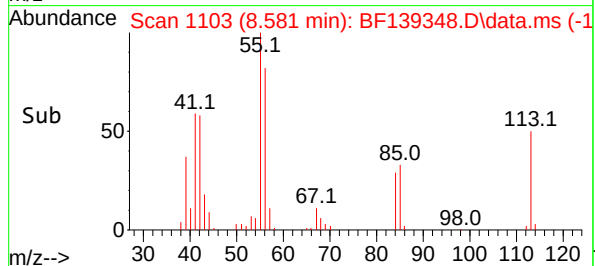
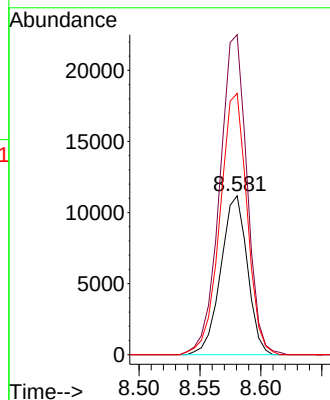
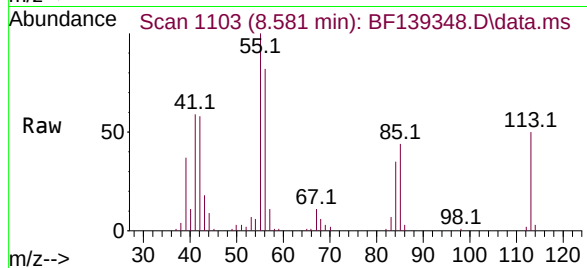
Tgt Ion:113 Resp: 16927

Ion Ratio Lower Upper

113 100

55 201.4 186.1 226.1

56 164.4 144.9 184.9



#36

4-Chloro-3-methylphenol

Concen: 22.523 ng

RT: 8.704 min Scan# 1124

Delta R.T. -0.000 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

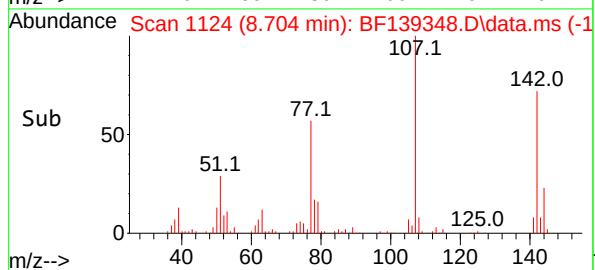
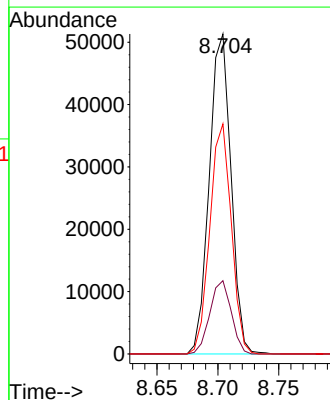
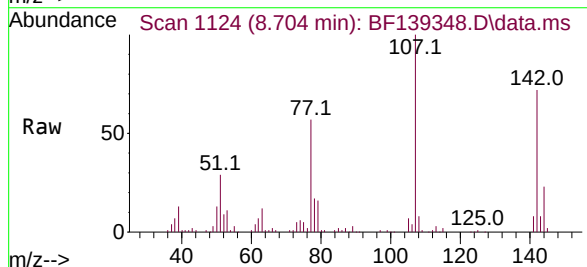
Tgt Ion:107 Resp: 63754

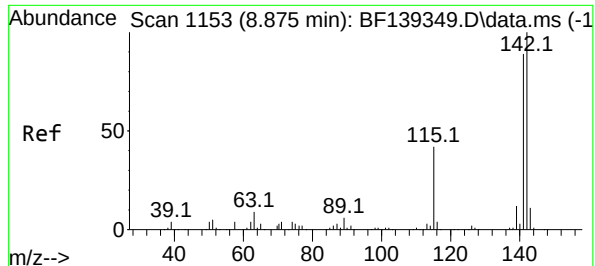
Ion Ratio Lower Upper

107 100

144 22.9 17.5 26.3

142 71.9 55.8 83.8





#37

2-Methylnaphthalene

Concen: 21.576 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Instrument :

BNA_F

ClientSampleId :

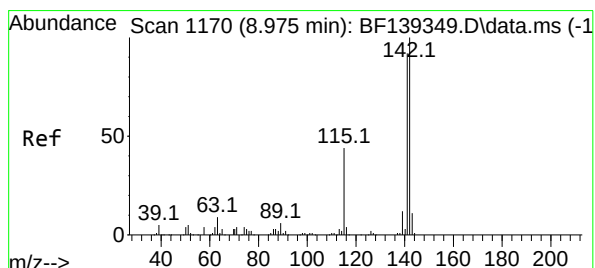
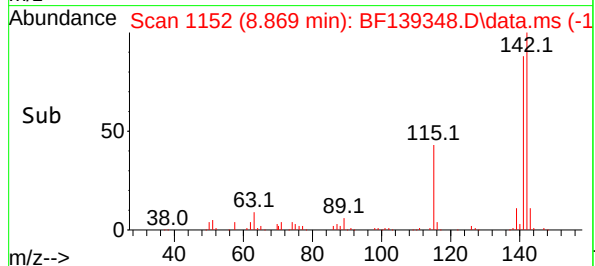
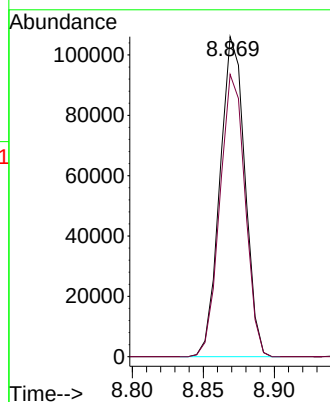
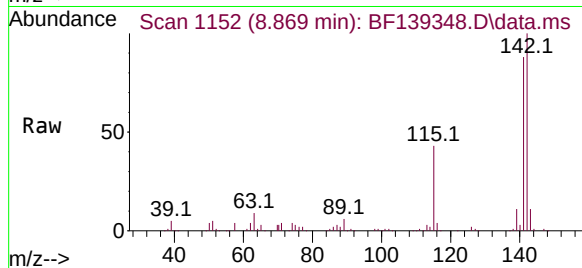
SSTDICC020

Tgt Ion:142 Resp: 129773

Ion Ratio Lower Upper

142 100

141 88.2 71.6 107.4



#38

1-Methylnaphthalene

Concen: 21.486 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF139348.D

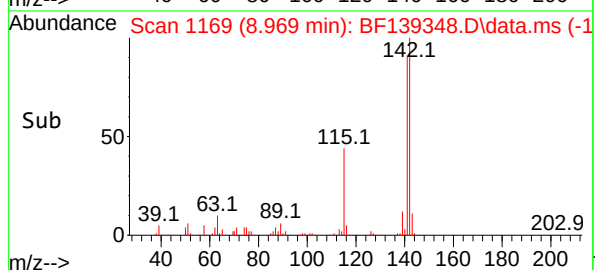
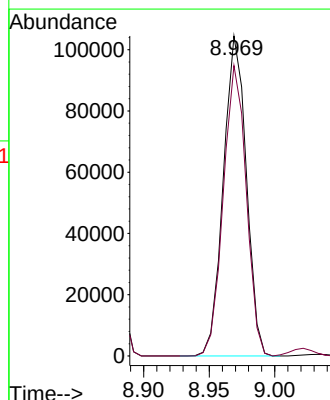
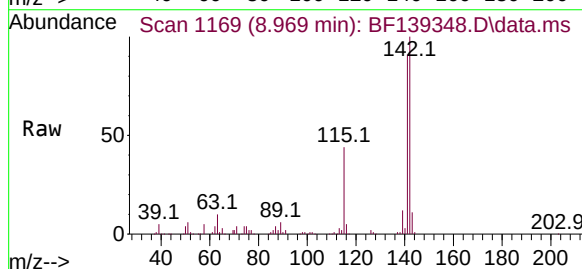
Acq: 13 Sep 2024 15:57

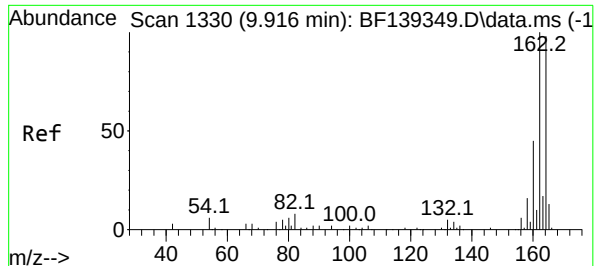
Tgt Ion:142 Resp: 127098

Ion Ratio Lower Upper

142 100

141 90.8 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

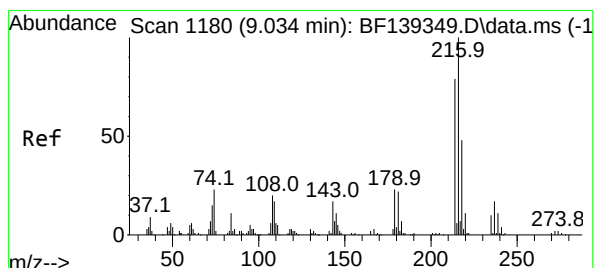
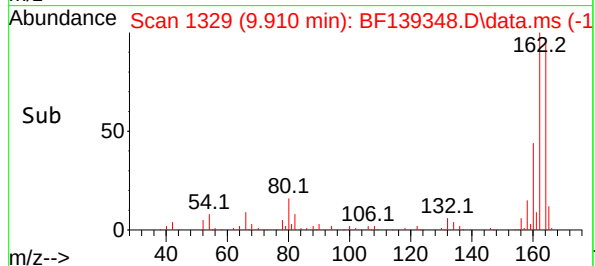
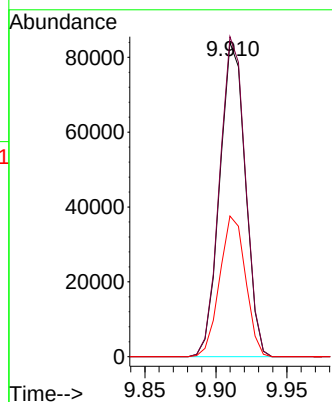
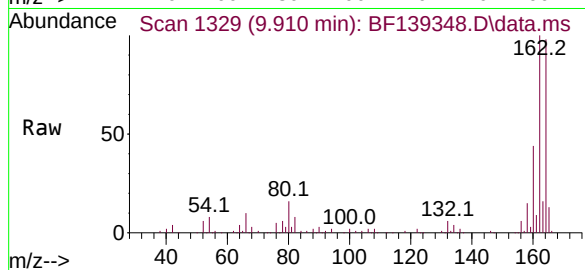
Tgt Ion:164 Resp: 105260

Ion Ratio Lower Upper

164 100

162 101.8 81.3 121.9

160 44.8 36.4 54.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 21.471 ng

RT: 9.034 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Tgt Ion:216 Resp: 63941

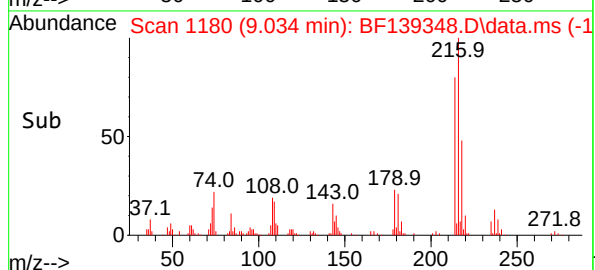
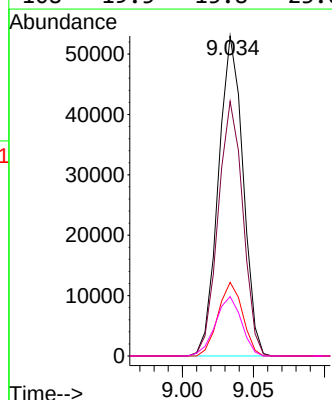
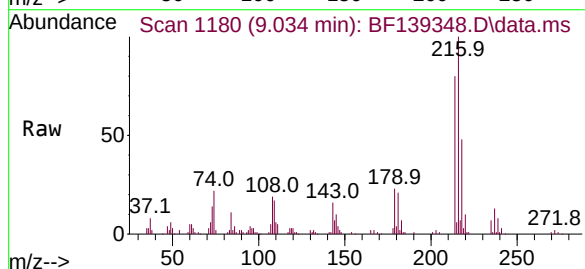
Ion Ratio Lower Upper

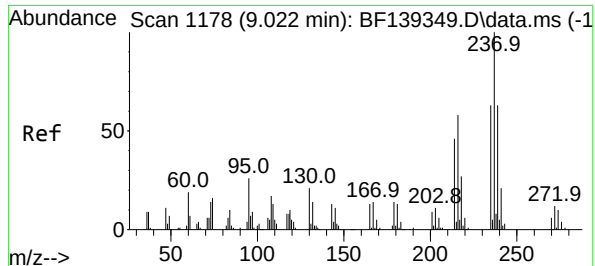
216 100

214 79.7 63.4 95.0

179 22.8 18.2 27.2

108 19.5 15.8 23.6

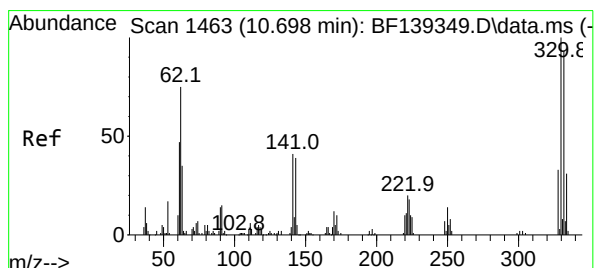
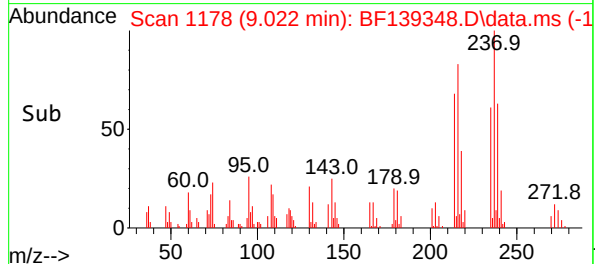
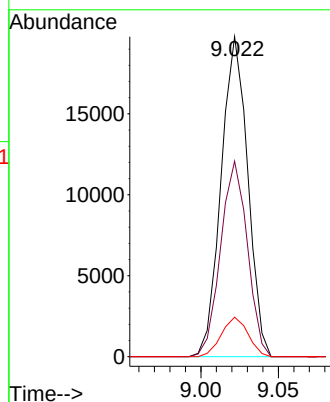
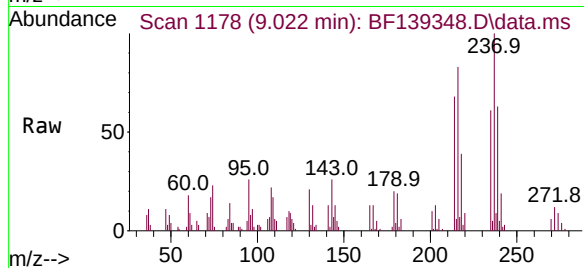




#41
Hexachlorocyclopentadiene
Concen: 24.662 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

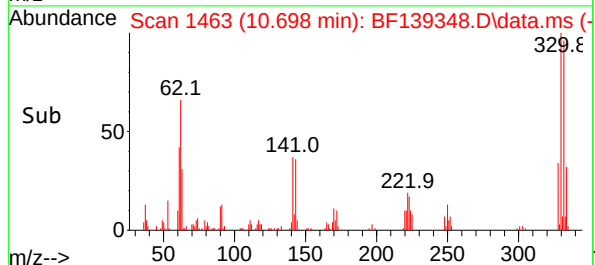
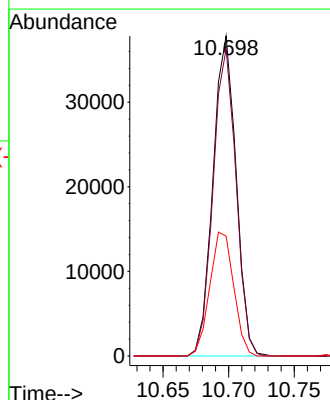
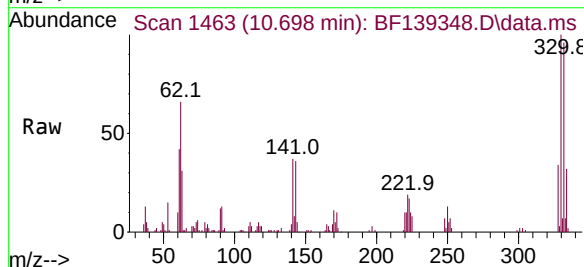
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

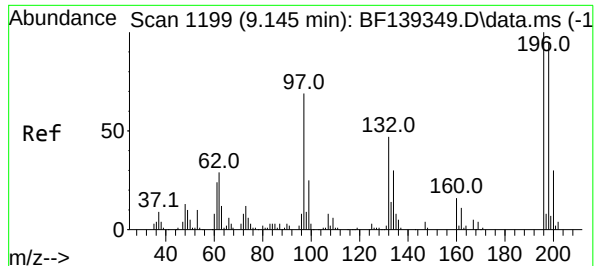
Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.1	42.7	82.7
272	12.4	0.0	32.5



#42
2,4,6-Tribromophenol
Concen: 50.945 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.2	112.8
141	40.2	31.2	46.8





#43

2,4,6-Trichlorophenol

Concen: 20.958 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.000 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

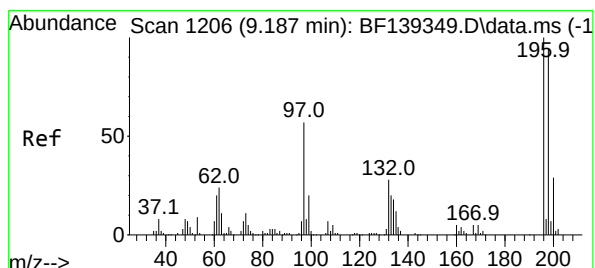
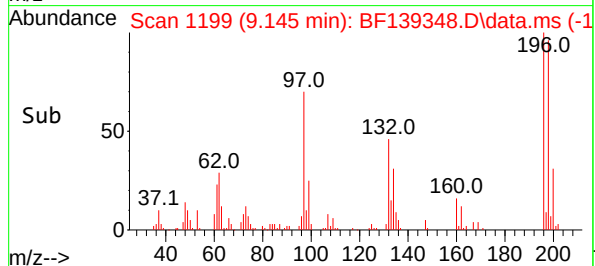
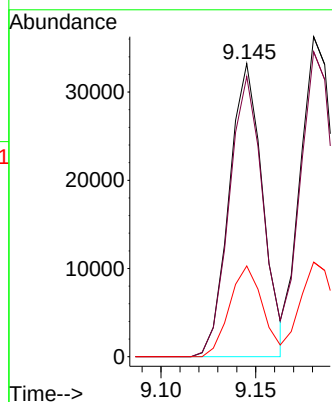
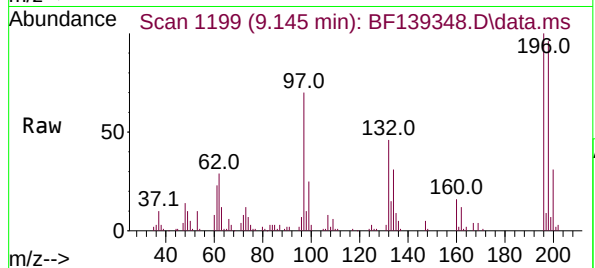
Tgt Ion:196 Resp: 40837

Ion Ratio Lower Upper

196 100

198 95.5 75.8 113.6

200 31.0 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 21.977 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Tgt Ion:196 Resp: 44874

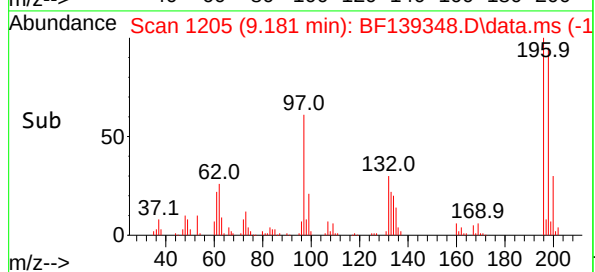
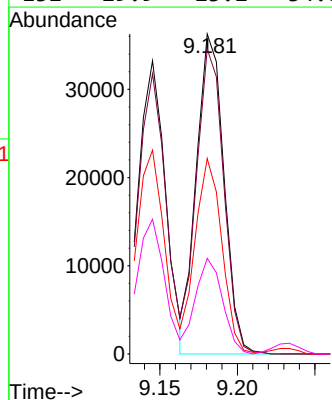
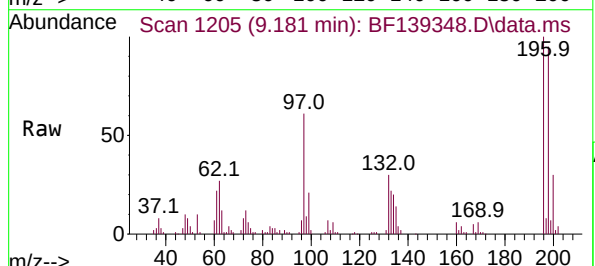
Ion Ratio Lower Upper

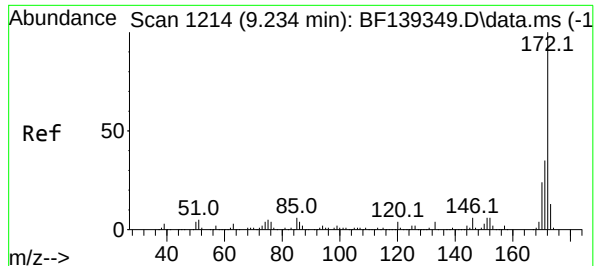
196 100

198 95.3 74.8 112.2

97 61.1 47.3 70.9

132 29.9 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 45.491 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

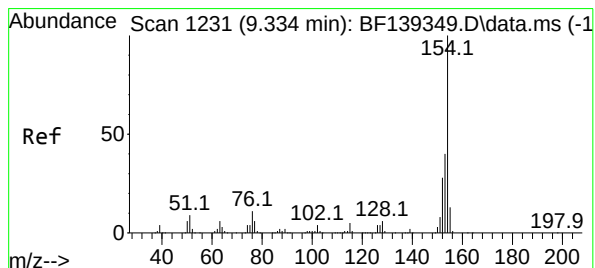
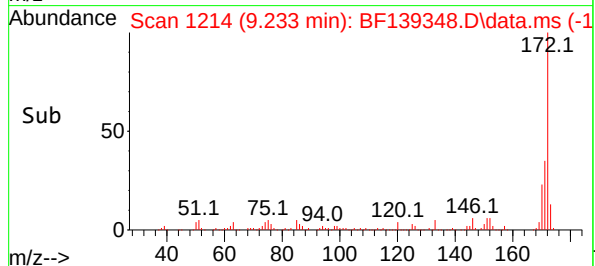
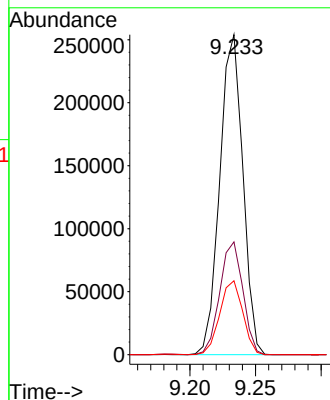
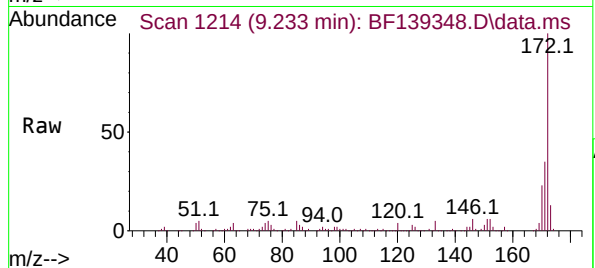
Tgt Ion:172 Resp: 310200

Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.1 19.0 28.6



#46

1,1'-Biphenyl

Concen: 21.141 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

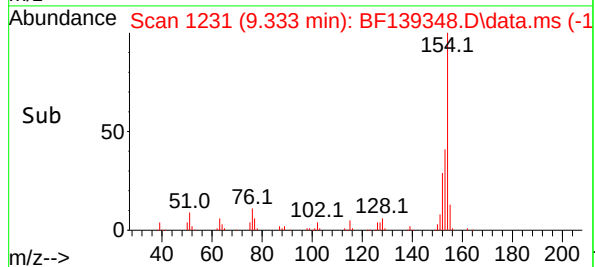
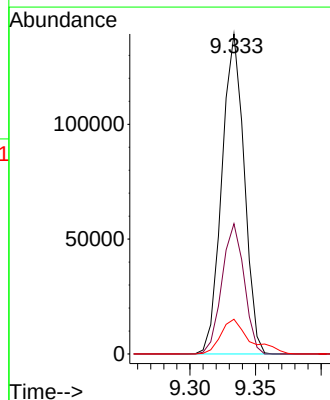
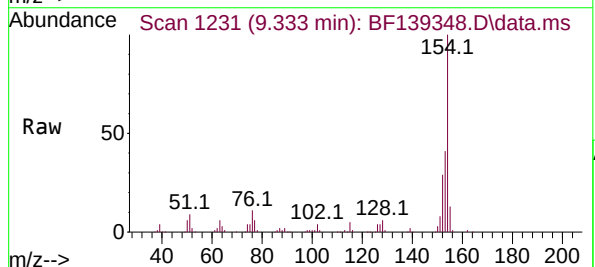
Tgt Ion:154 Resp: 164874

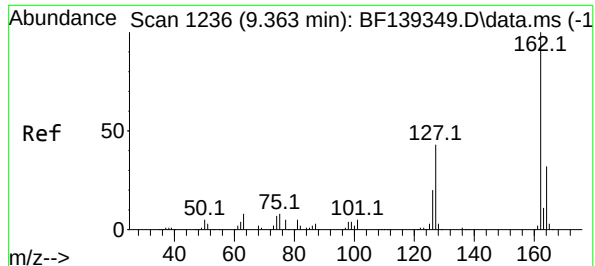
Ion Ratio Lower Upper

154 100

153 40.7 20.1 60.1

76 10.8 0.0 31.1





#47

2-Chloronaphthalene

Concen: 21.111 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF139348.D

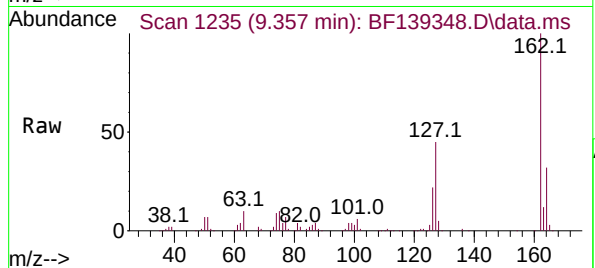
Acq: 13 Sep 2024 15:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



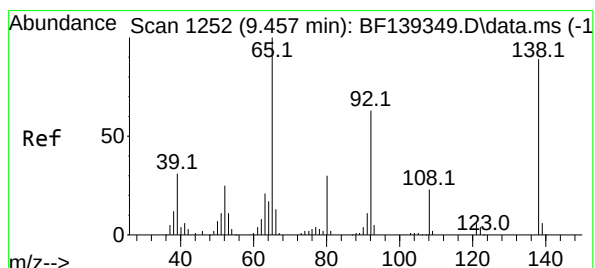
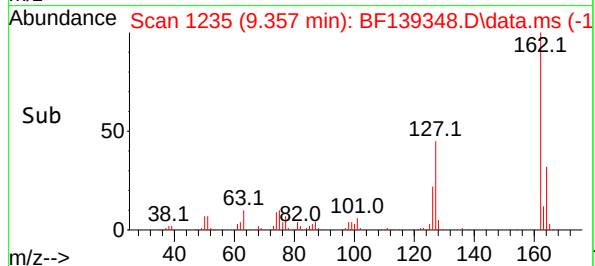
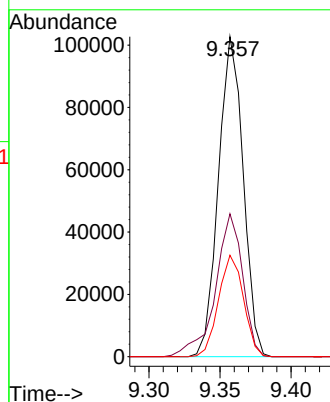
Tgt Ion:162 Resp: 124318

Ion Ratio Lower Upper

162 100

127 44.6 35.0 52.4

164 31.7 25.8 38.6



#48

2-Nitroaniline

Concen: 22.619 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

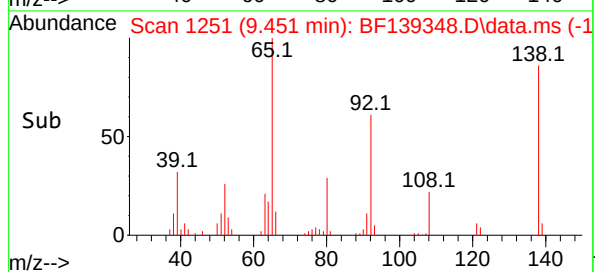
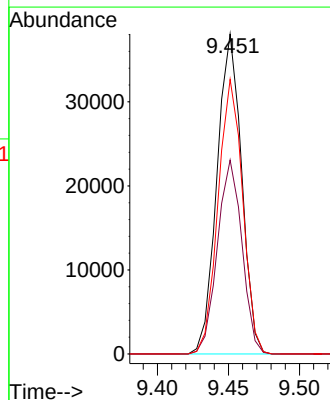
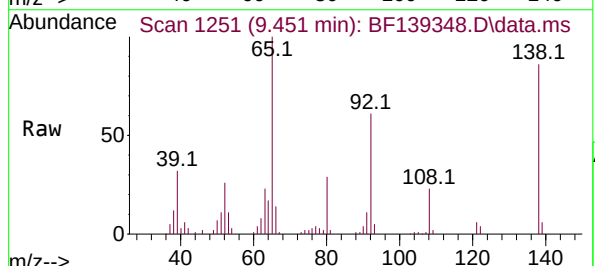
Tgt Ion: 65 Resp: 45879

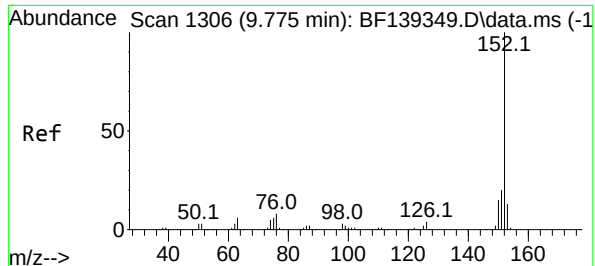
Ion Ratio Lower Upper

65 100

92 60.6 50.3 75.5

138 85.8 71.3 106.9





#49

Acenaphthylene

Concen: 21.347 ng

RT: 9.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

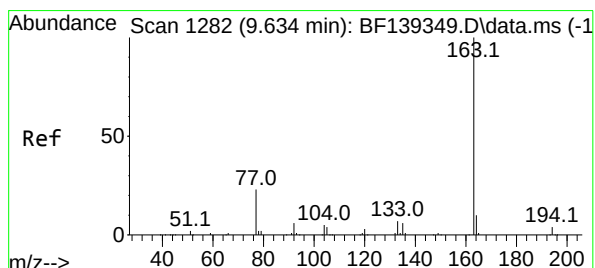
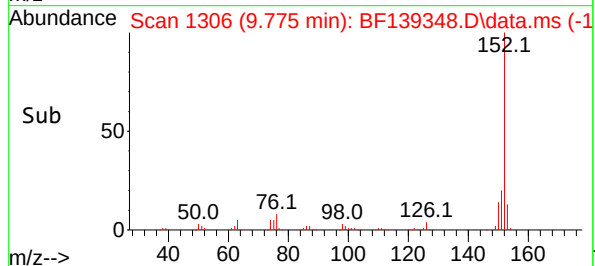
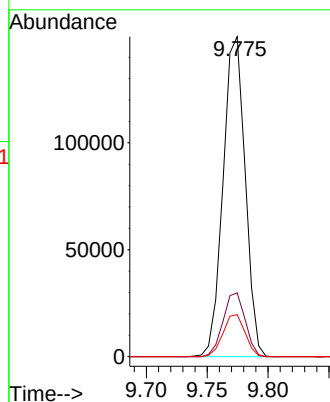
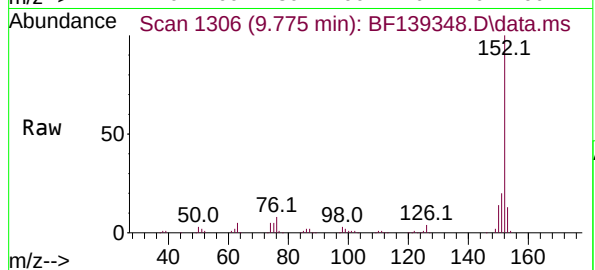
Tgt Ion:152 Resp: 189337

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.2

153 13.2 10.3 15.5



#50

Dimethylphthalate

Concen: 22.334 ng

RT: 9.628 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

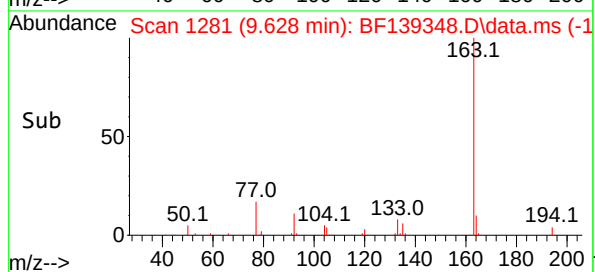
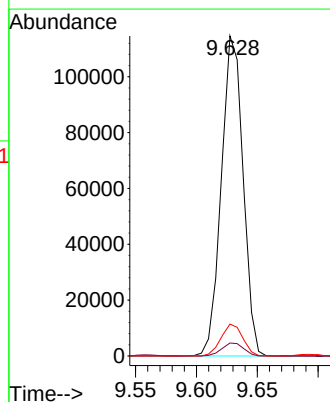
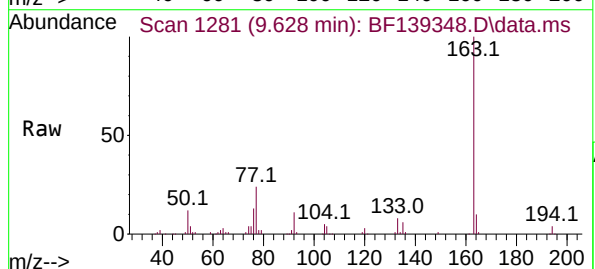
Tgt Ion:163 Resp: 142488

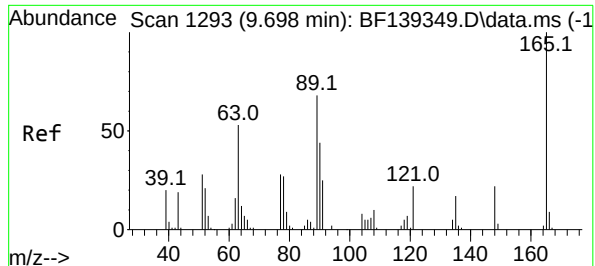
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 9.9 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 22.057 ng

RT: 9.692 min Scan# 1292

Delta R.T. -0.006 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

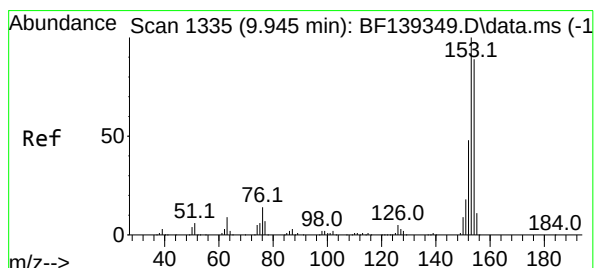
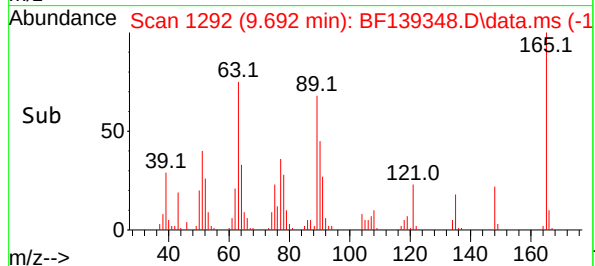
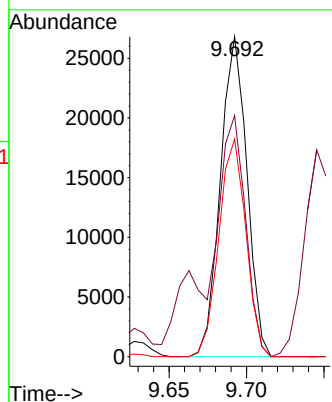
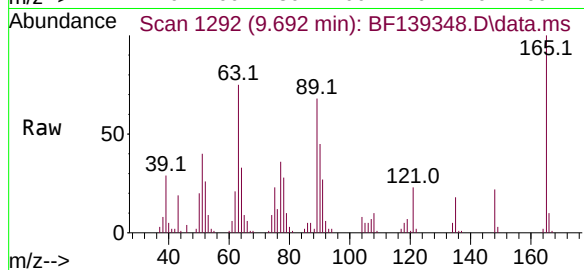
Tgt Ion:165 Resp: 31924

Ion Ratio Lower Upper

165 100

63 75.3 60.9 91.3

89 68.0 54.7 82.1



#52

Acenaphthene

Concen: 22.302 ng

RT: 9.945 min Scan# 1335

Delta R.T. -0.000 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

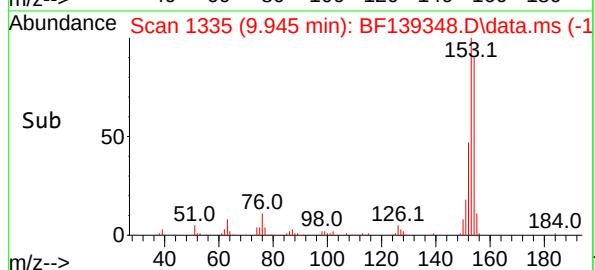
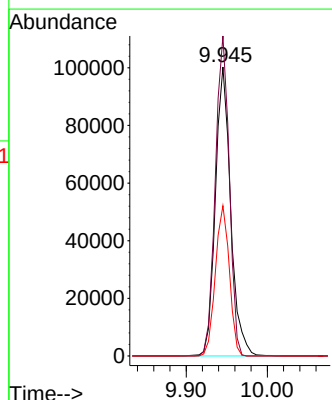
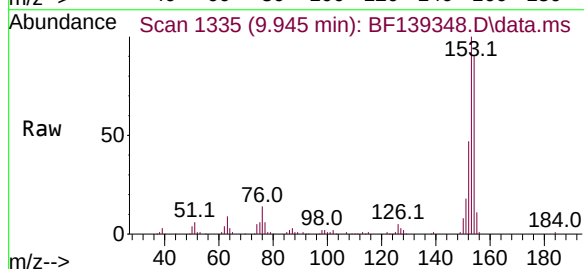
Tgt Ion:154 Resp: 131194

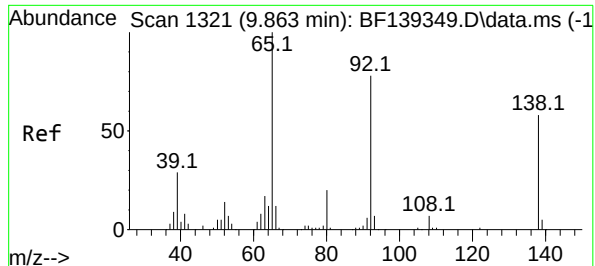
Ion Ratio Lower Upper

154 100

153 110.7 89.5 134.3

152 52.0 42.6 64.0





#53

3-Nitroaniline

Concen: 21.253 ng

RT: 9.857 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

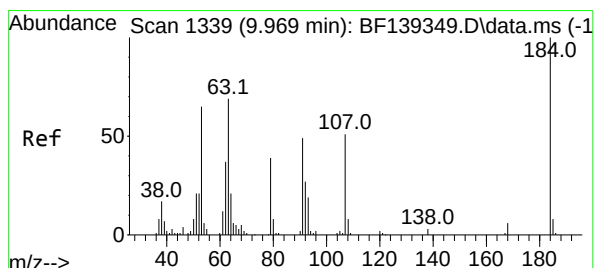
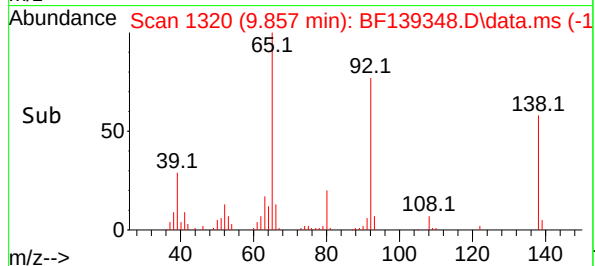
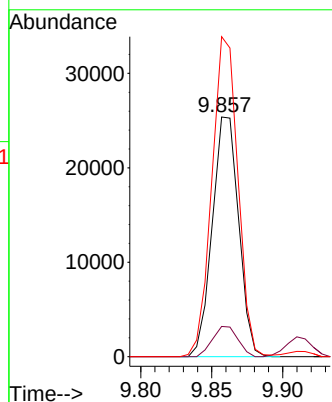
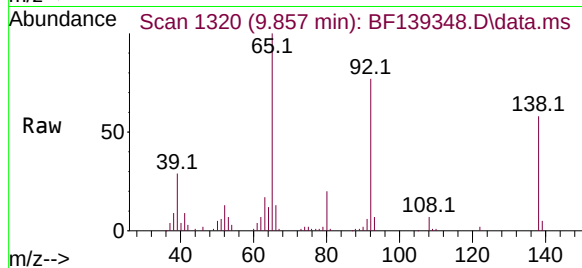
Tgt Ion:138 Resp: 32773

Ion Ratio Lower Upper

138 100

108 12.6 9.8 14.8

92 133.5 107.4 161.2



#54

2,4-Dinitrophenol

Concen: 25.295 ng

RT: 9.963 min Scan# 1338

Delta R.T. -0.006 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

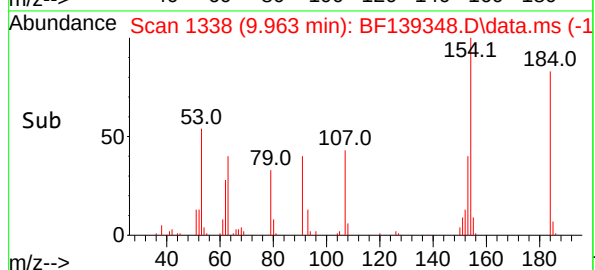
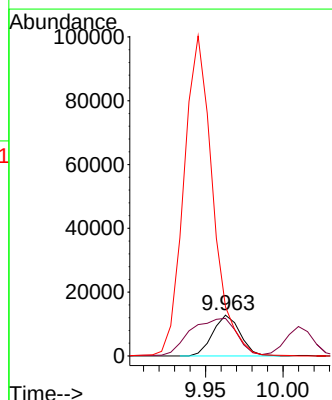
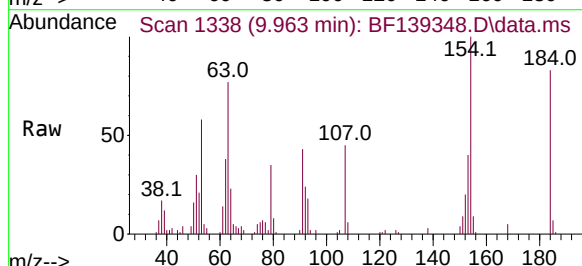
Tgt Ion:184 Resp: 15677

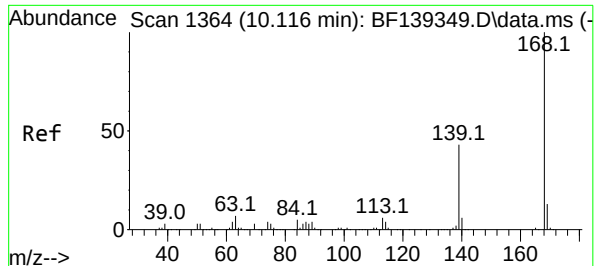
Ion Ratio Lower Upper

184 100

63 92.1 69.3 103.9

154 120.2 67.5 101.3#

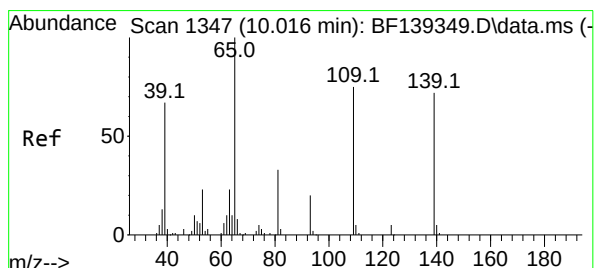
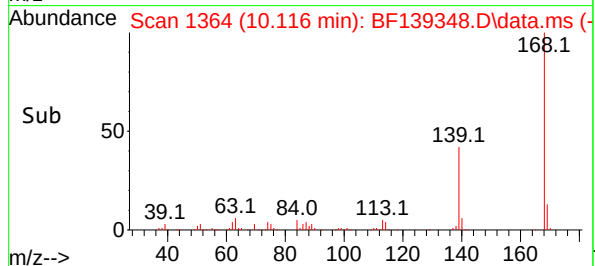
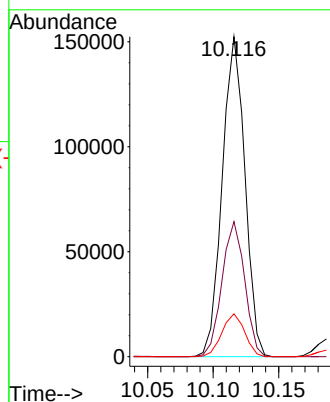
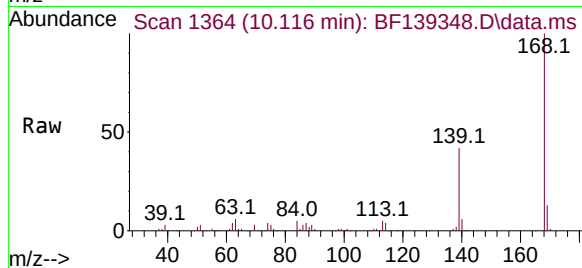




#55
Dibenzofuran
Concen: 21.691 ng
RT: 10.116 min Scan# 1364
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

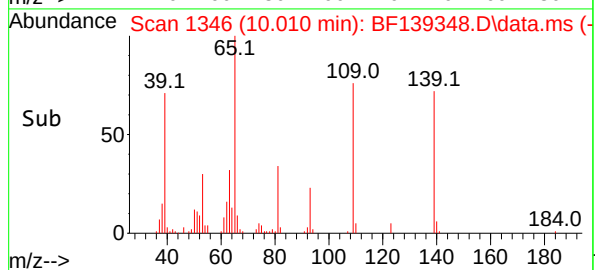
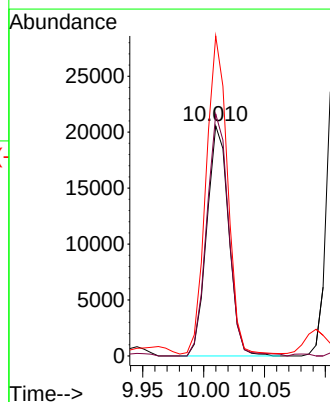
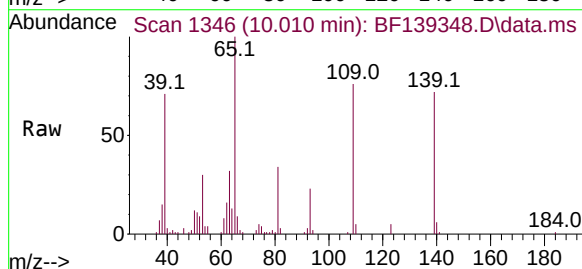
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

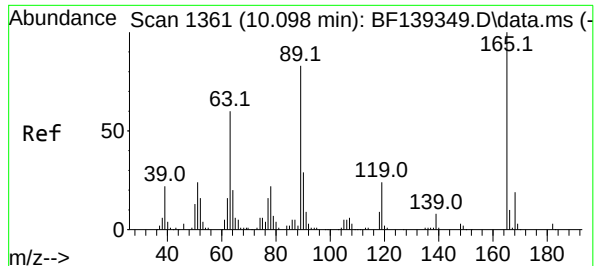
Tgt Ion:168 Resp: 182945
Ion Ratio Lower Upper
168 100
139 42.2 34.1 51.1
169 13.4 10.5 15.7



#56
4-Nitrophenol
Concen: 22.515 ng
RT: 10.010 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:139 Resp: 25626
Ion Ratio Lower Upper
139 100
109 105.1 84.1 124.1
65 139.1 120.0 160.0

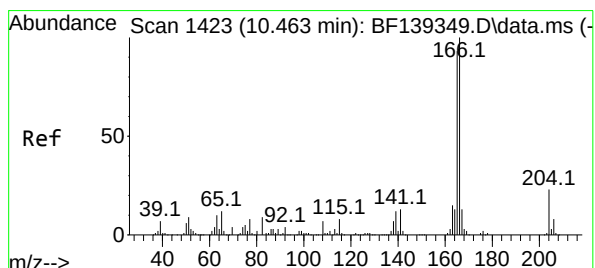
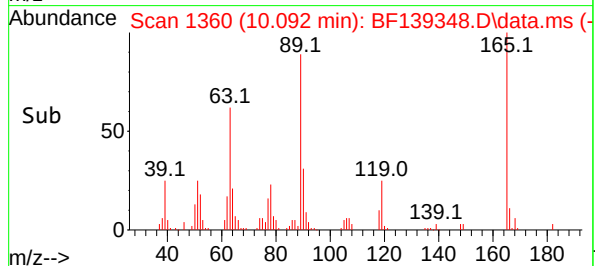
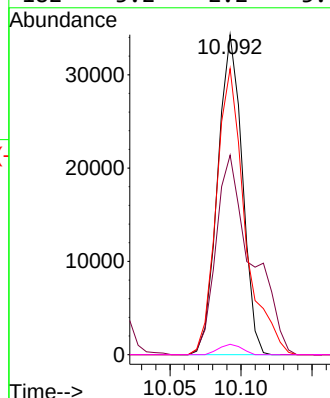
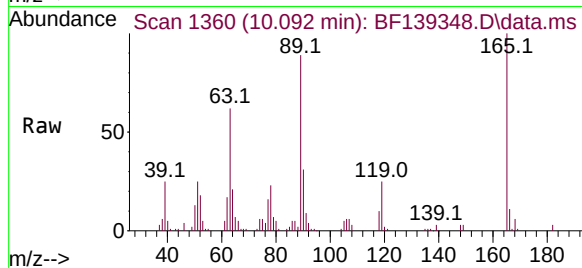




#57
2,4-Dinitrotoluene
Concen: 22.355 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

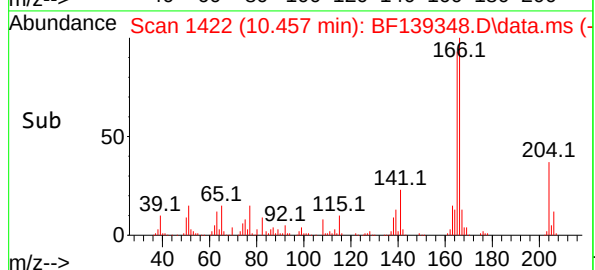
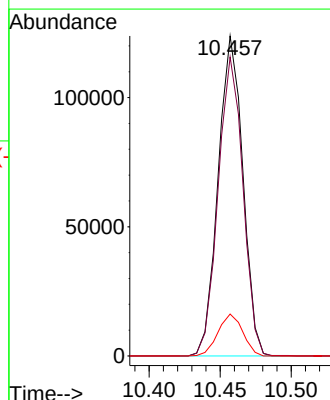
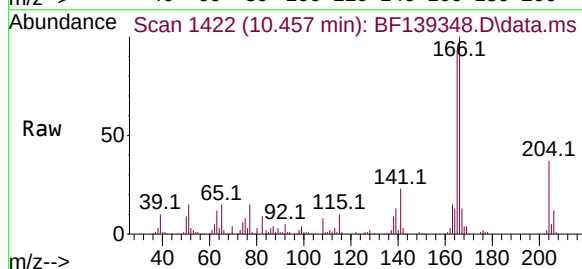
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

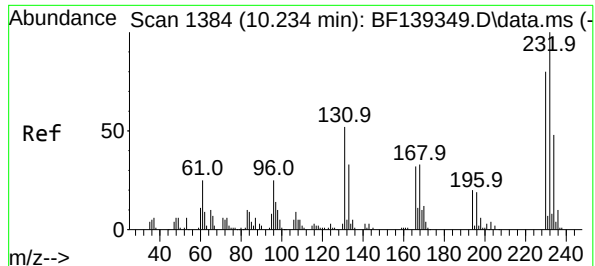
Tgt Ion	Ratio	Lower	Upper
165	100		
63	62.4	47.8	71.6
89	89.4	66.7	100.1
182	3.2	2.2	3.4



#58
Fluorene
Concen: 22.915 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.5	74.5	111.7
167	13.1	10.6	16.0

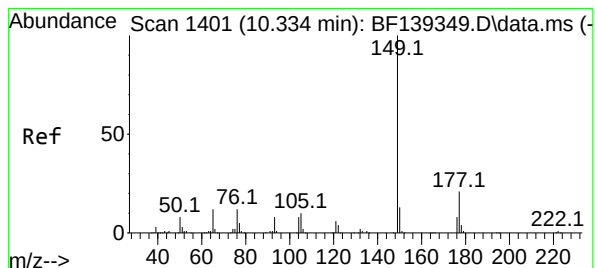
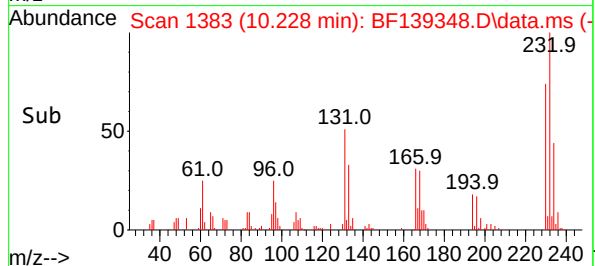
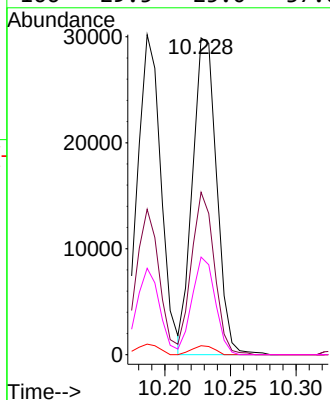
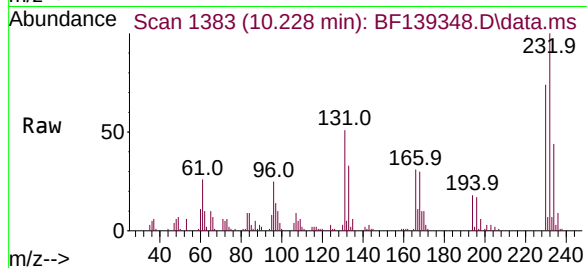




#59
2,3,4,6-Tetrachlorophenol
Concen: 23.811 ng
RT: 10.228 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

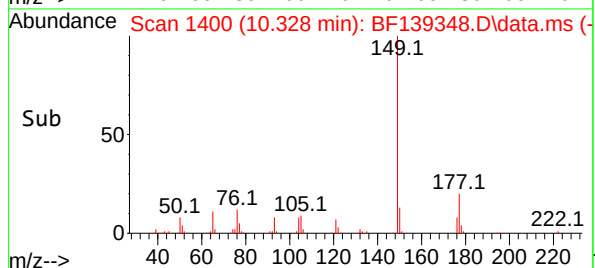
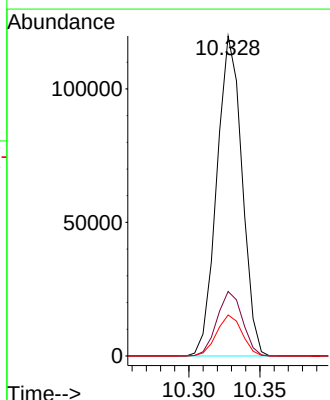
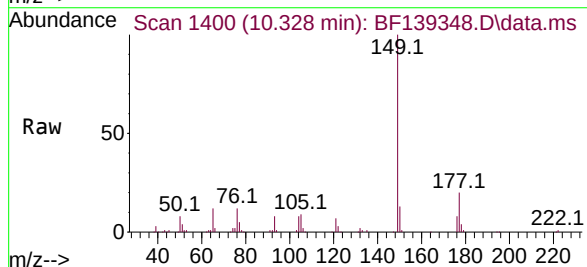
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

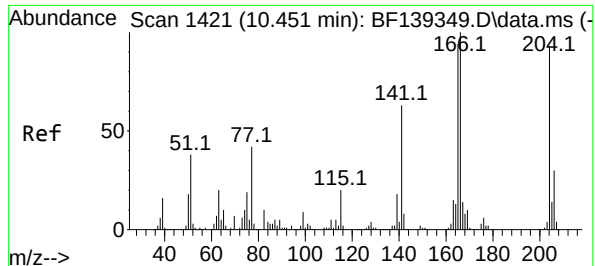
Tgt Ion:232 Resp: 38272
Ion Ratio Lower Upper
232 100
131 48.6 40.7 61.1
130 2.6 2.2 3.2
166 29.5 25.0 37.6



#60
Diethylphthalate
Concen: 23.553 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:149 Resp: 147877
Ion Ratio Lower Upper
149 100
177 20.2 16.6 24.8
150 12.8 10.6 15.8

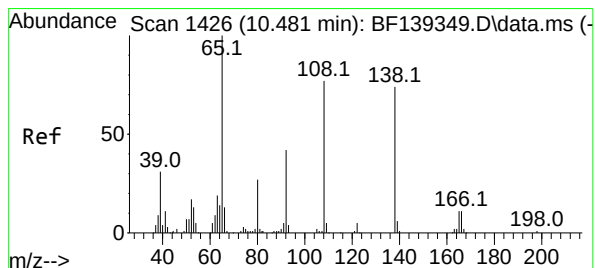
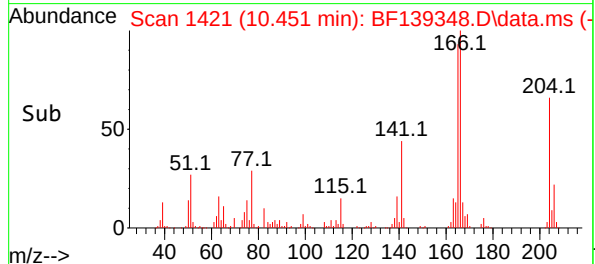
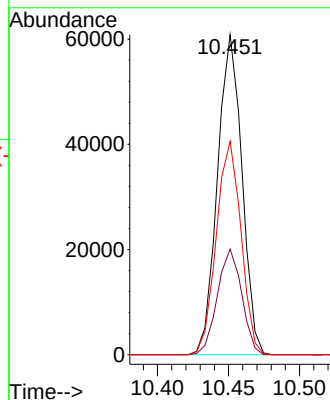
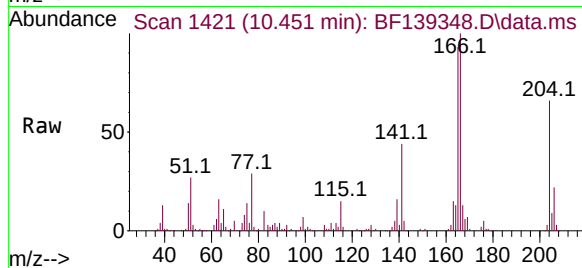




#61
4-Chlorophenyl-phenylether
Concen: 23.079 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

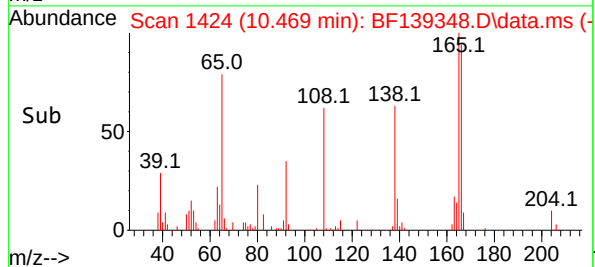
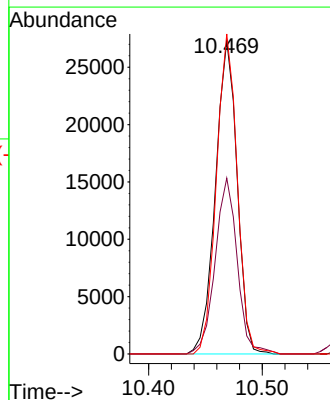
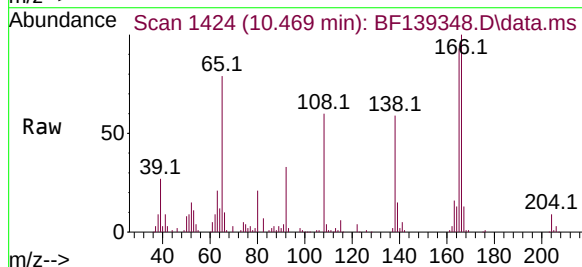
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

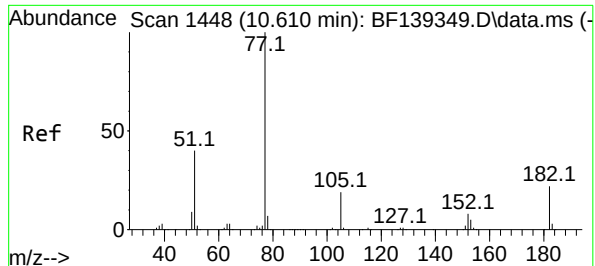
Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.2	39.2
141	66.7	53.9	80.9



#62
4-Nitroaniline
Concen: 24.679 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.1	37.0	77.0
108	102.1	84.4	124.4

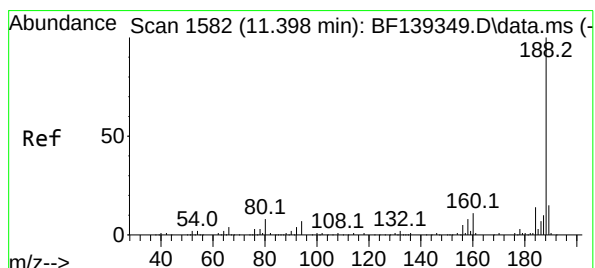
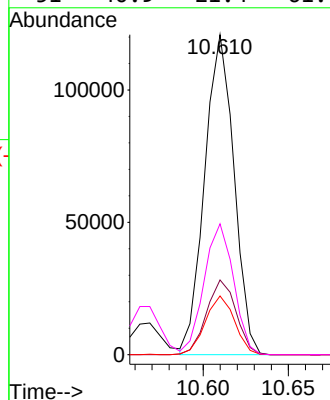
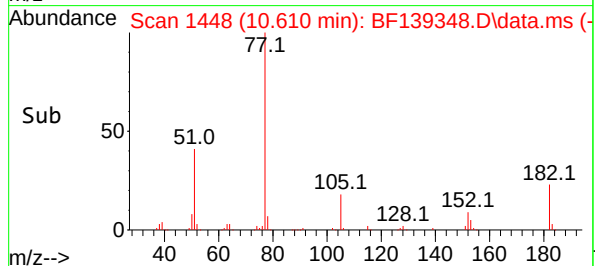
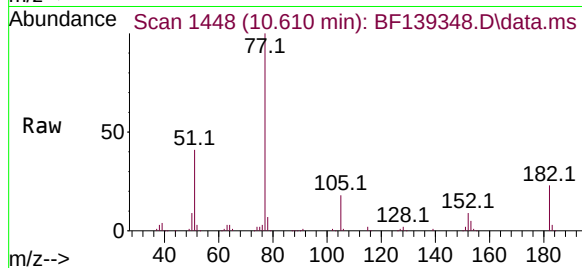




#63
Azobenzene
Concen: 21.869 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

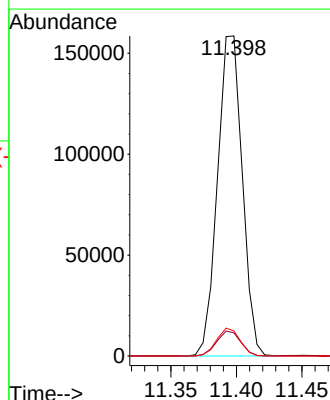
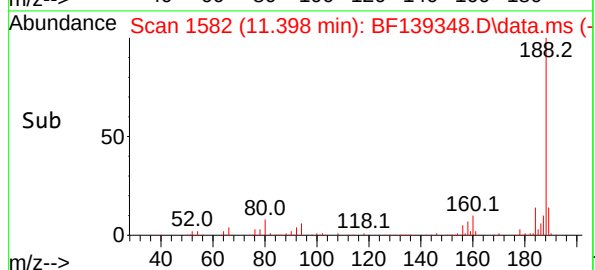
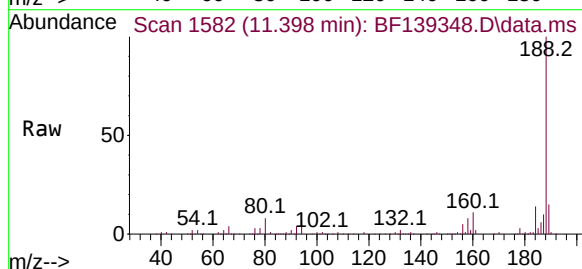
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

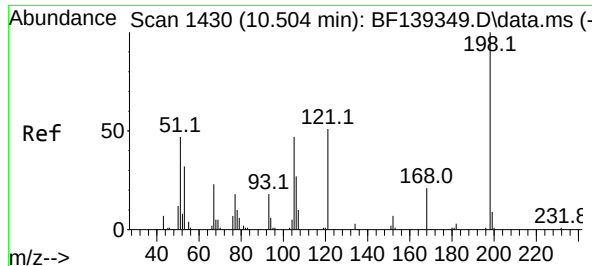
Tgt Ion:	77	Resp:	144713
Ion Ratio	Lower	Upper	
77	100		
182	23.4	1.8	41.8
105	18.3	0.0	38.6
51	40.9	21.4	61.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:	188	Resp:	208290
Ion Ratio	Lower	Upper	
188	100		
94	7.2	5.5	8.3
80	7.8	6.6	9.8





#65

4,6-Dinitro-2-methylphenol

Concen: 22.648 ng

RT: 10.498 min Scan# 1429

Delta R.T. -0.006 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

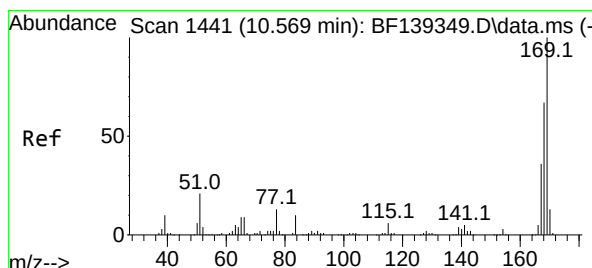
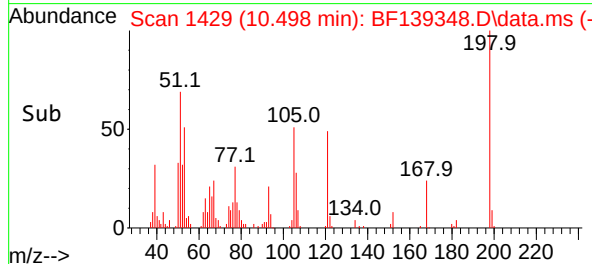
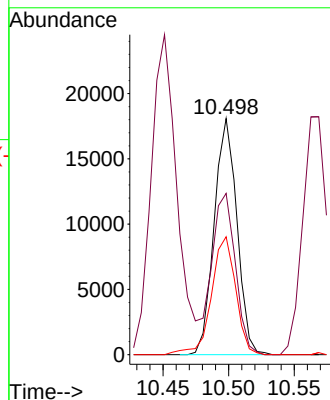
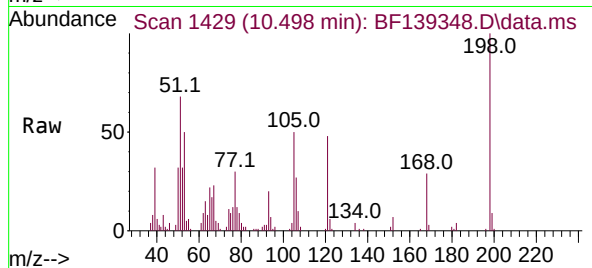
Tgt Ion:198 Resp: 21797

Ion Ratio Lower Upper

198 100

51 68.3 50.4 90.4

105 49.9 28.3 68.3



#66

n-Nitrosodiphenylamine

Concen: 20.356 ng

RT: 10.569 min Scan# 1441

Delta R.T. -0.000 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

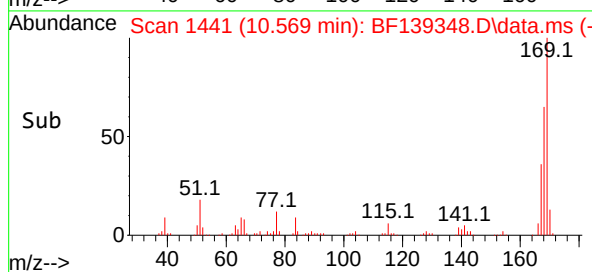
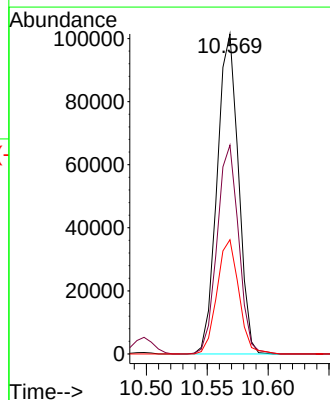
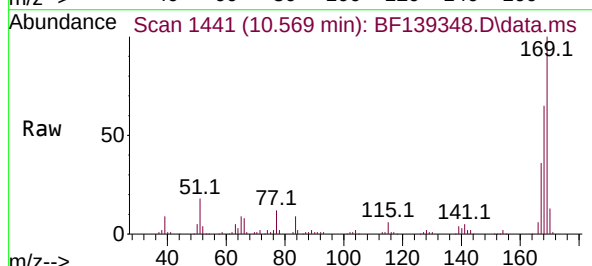
Tgt Ion:169 Resp: 123420

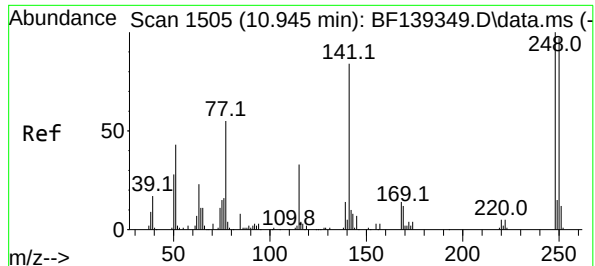
Ion Ratio Lower Upper

169 100

168 65.3 53.6 80.4

167 35.7 28.7 43.1

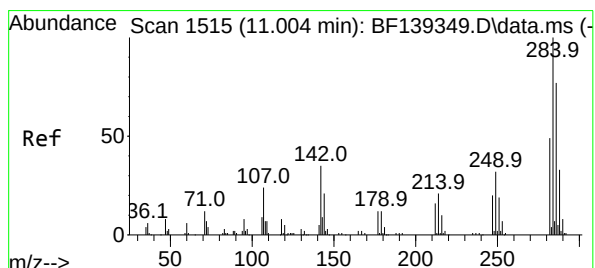
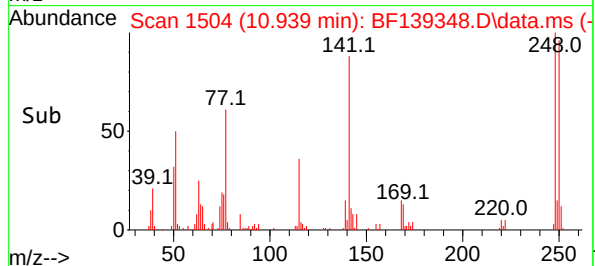
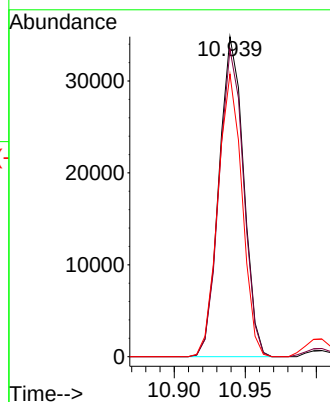
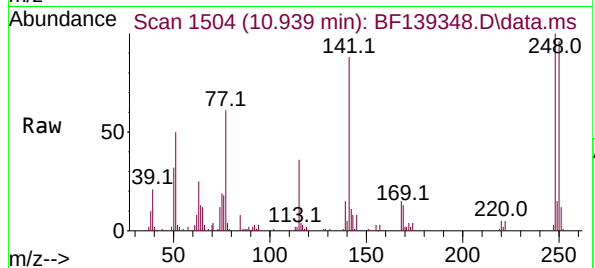




#67
4-Bromophenyl-phenylether
Concen: 20.713 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

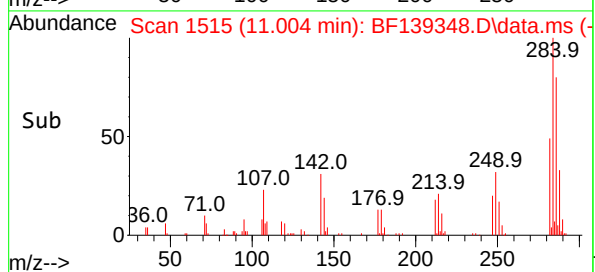
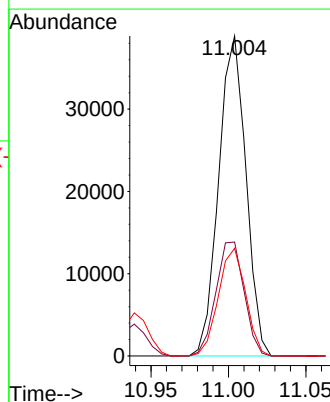
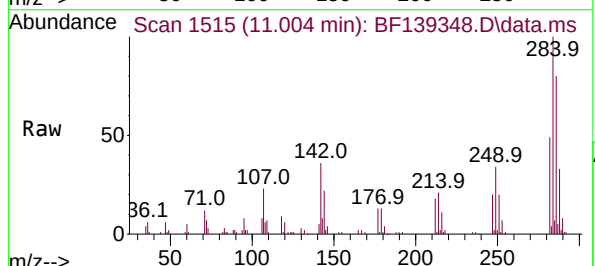
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

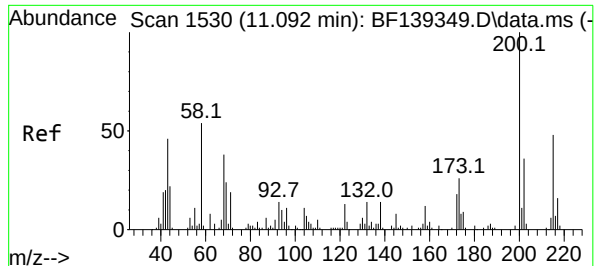
Tgt Ion:248 Resp: 41859
Ion Ratio Lower Upper
248 100
250 96.0 77.6 116.4
141 88.4 66.9 100.3



#68
Hexachlorobenzene
Concen: 20.548 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:284 Resp: 47538
Ion Ratio Lower Upper
284 100
142 35.6 28.0 42.0
249 33.6 25.3 37.9

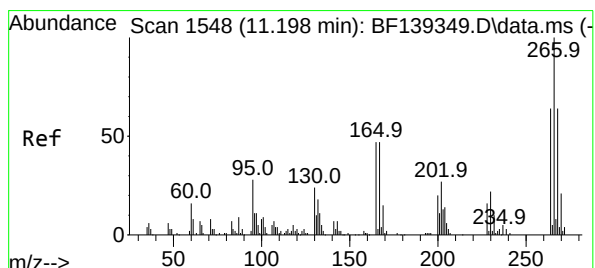
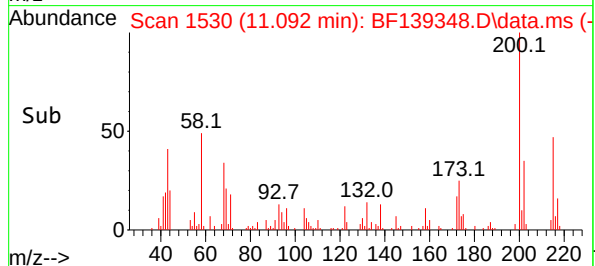
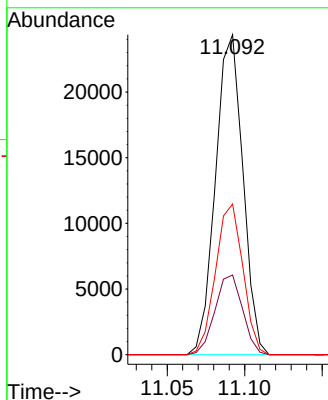
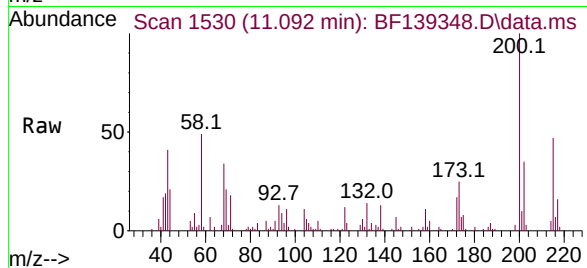




#69
Atrazine
Concen: 21.426 ng
RT: 11.092 min Scan# 1530
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

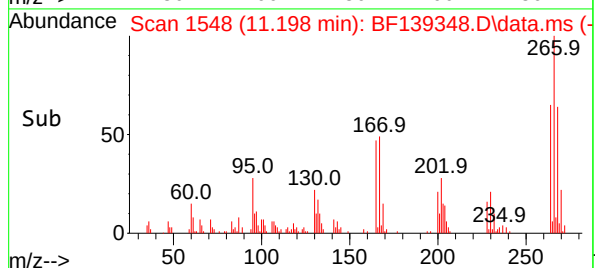
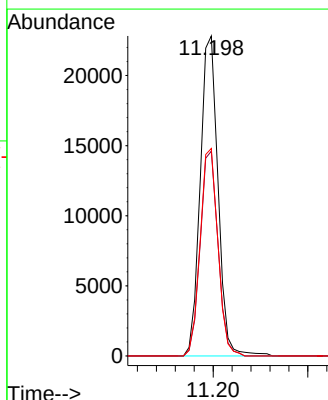
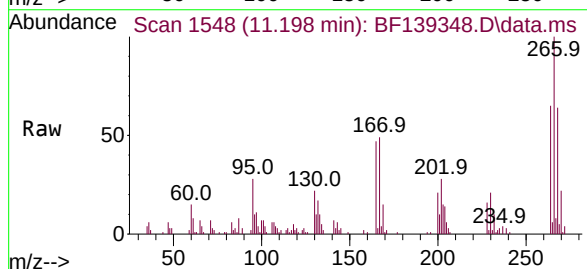
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

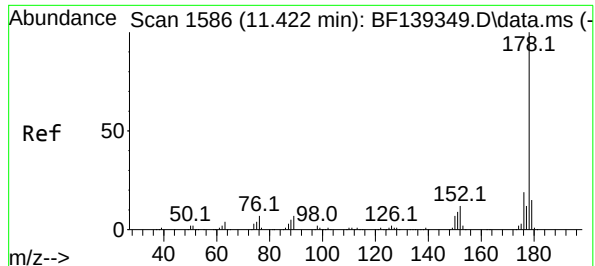
Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.9	6.1	46.1
215	47.1	28.2	68.2



#70
Pentachlorophenol
Concen: 22.302 ng
RT: 11.198 min Scan# 1548
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.1	76.7
264	64.9	51.4	77.0





#71

Phenanthrene

Concen: 21.224 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.000 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

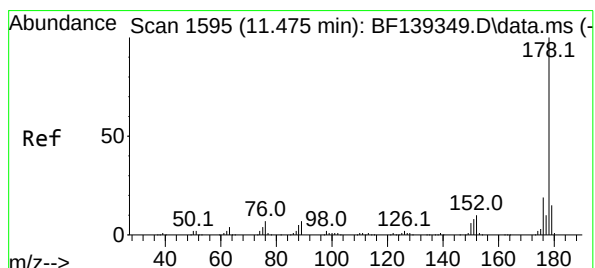
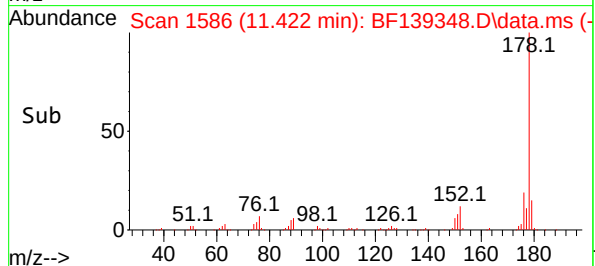
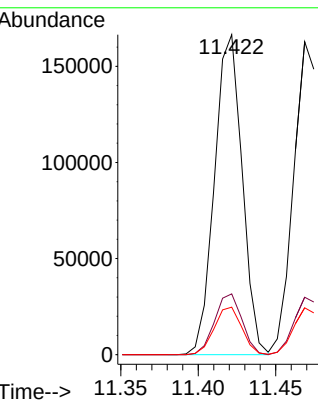
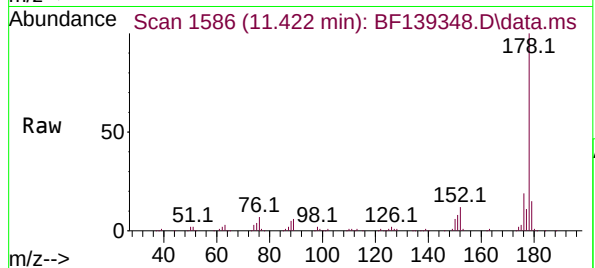
Tgt Ion:178 Resp: 206521

Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

179 14.8 12.2 18.4



#72

Anthracene

Concen: 21.269 ng

RT: 11.469 min Scan# 1594

Delta R.T. -0.006 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

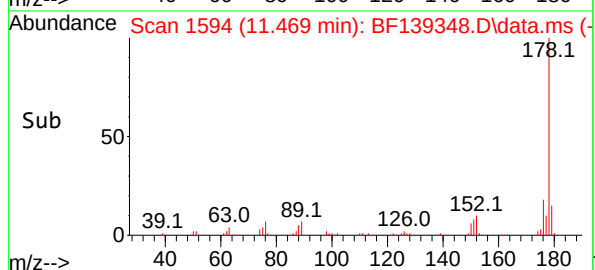
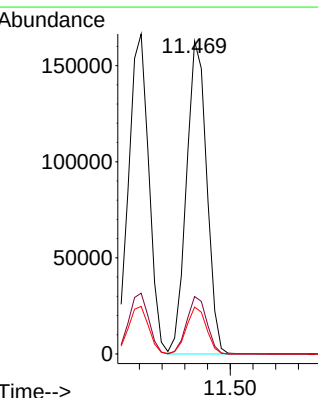
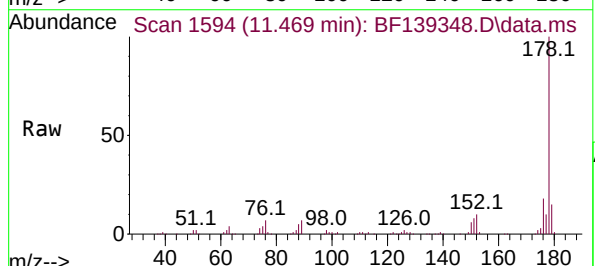
Tgt Ion:178 Resp: 202170

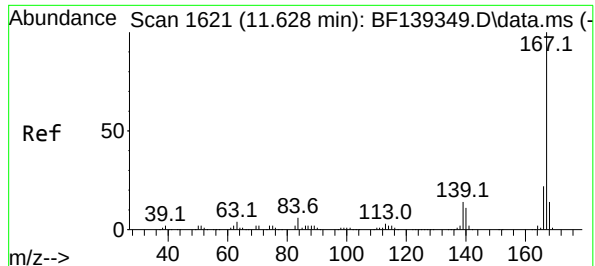
Ion Ratio Lower Upper

178 100

176 18.3 15.0 22.6

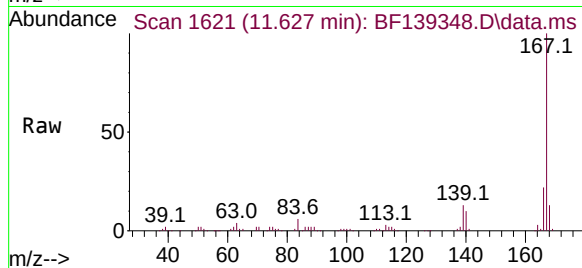
179 15.0 12.0 18.0



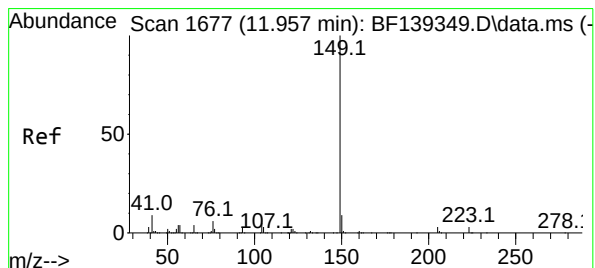
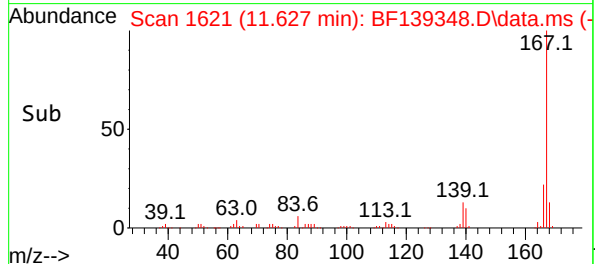
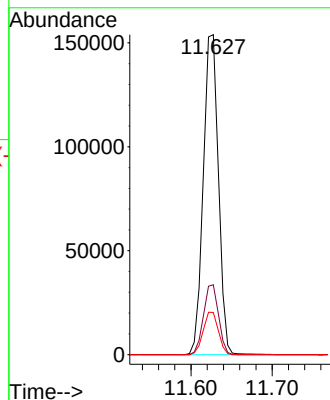


#73
Carbazole
Concen: 22.466 ng
RT: 11.627 min Scan# 1621
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

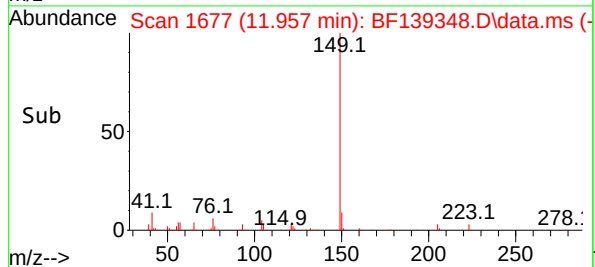
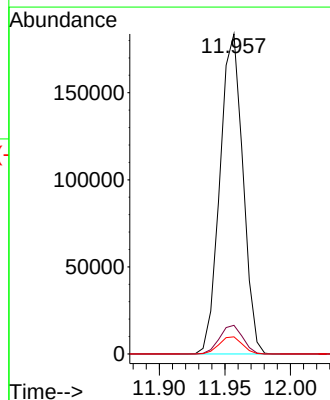
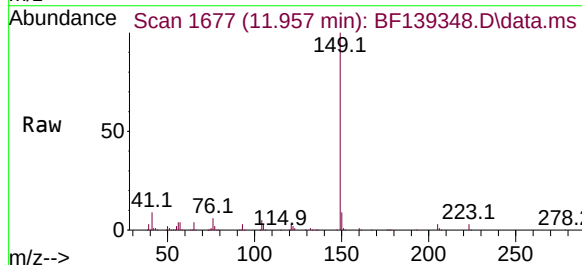


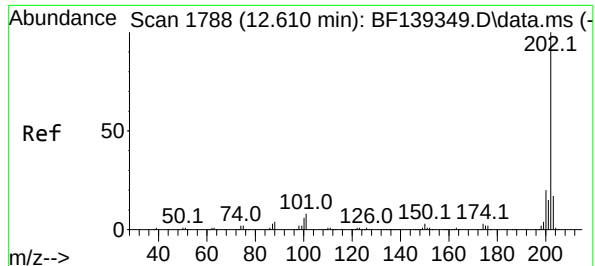
Tgt Ion:167 Resp: 199586
Ion Ratio Lower Upper
167 100
166 21.8 17.5 26.3
139 13.2 10.9 16.3



#74
Di-n-butylphthalate
Concen: 24.566 ng
RT: 11.957 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:149 Resp: 223465
Ion Ratio Lower Upper
149 100
150 9.0 7.3 10.9
104 5.4 4.3 6.5

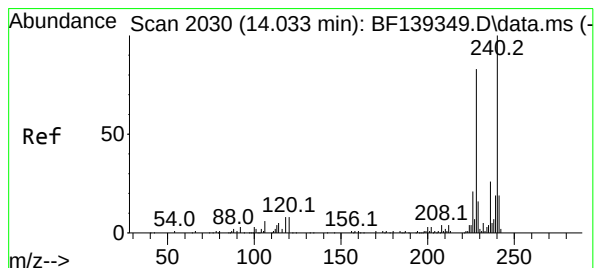
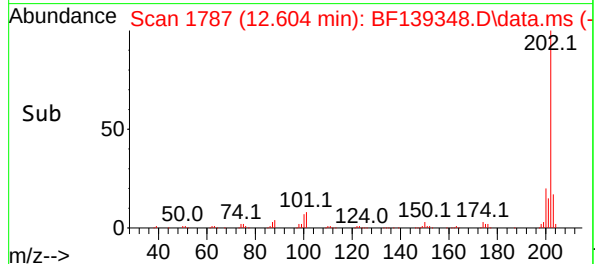
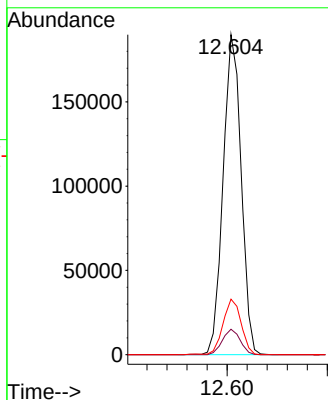
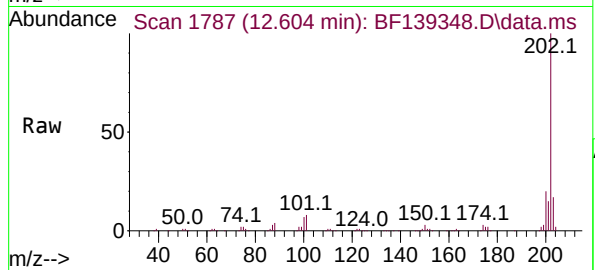




#75
Fluoranthene
Concen: 24.268 ng
RT: 12.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

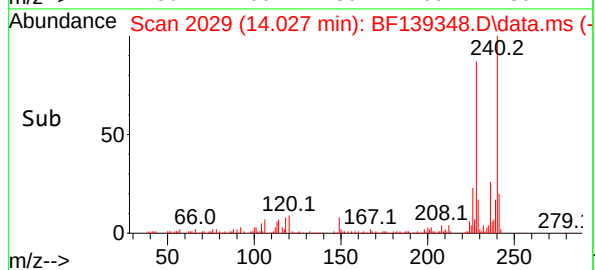
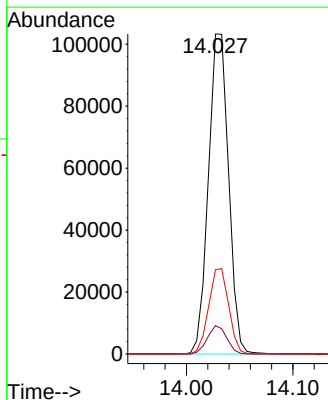
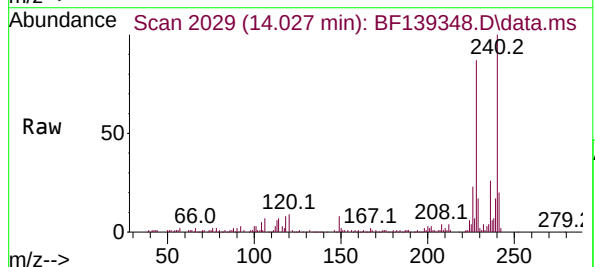
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

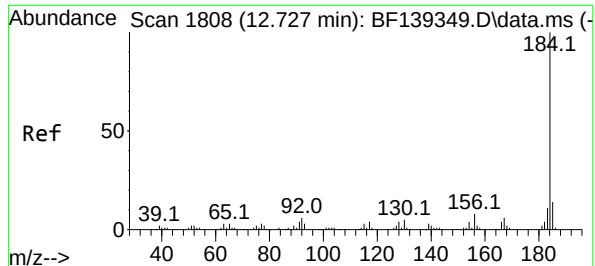
Tgt Ion:202 Resp: 236740
Ion Ratio Lower Upper
202 100
101 8.0 0.0 27.7
203 17.4 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:240 Resp: 135891
Ion Ratio Lower Upper
240 100
120 8.9 6.2 9.2
236 26.4 20.9 31.3





#77

Benzidine

Concen: 13.034 ng

RT: 12.727 min Scan# 1808

Delta R.T. -0.000 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

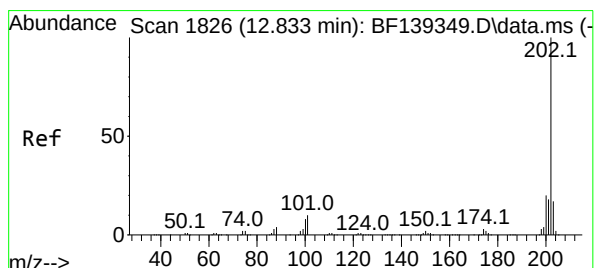
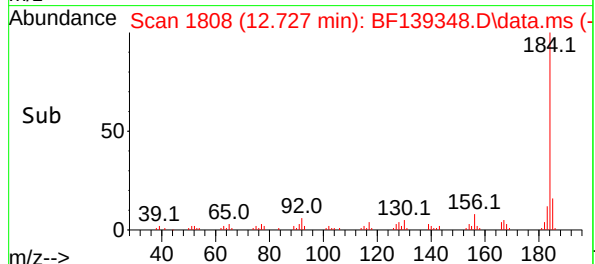
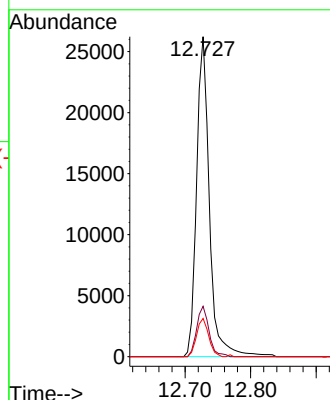
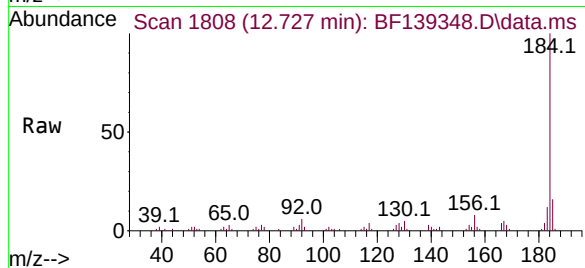
Tgt Ion:184 Resp: 35663

Ion Ratio Lower Upper

184 100

185 15.8 11.5 17.3

183 12.0 8.9 13.3



#78

Pyrene

Concen: 18.536 ng

RT: 12.833 min Scan# 1826

Delta R.T. -0.000 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

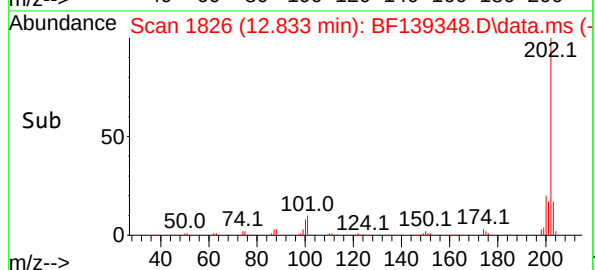
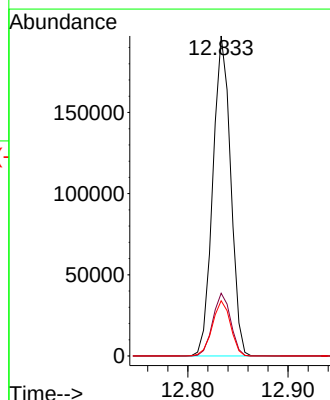
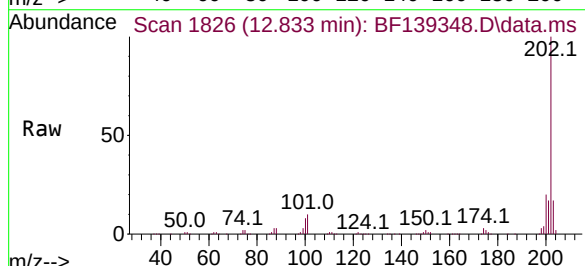
Tgt Ion:202 Resp: 243332

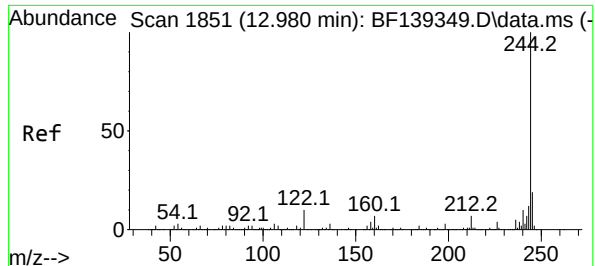
Ion Ratio Lower Upper

202 100

200 19.6 16.2 24.2

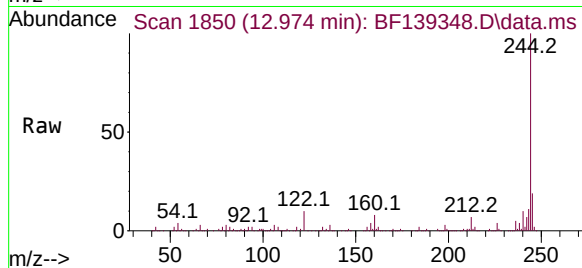
203 17.2 13.9 20.9



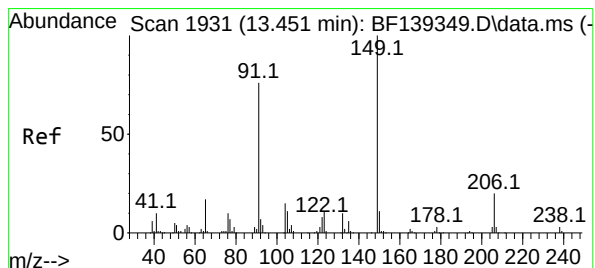
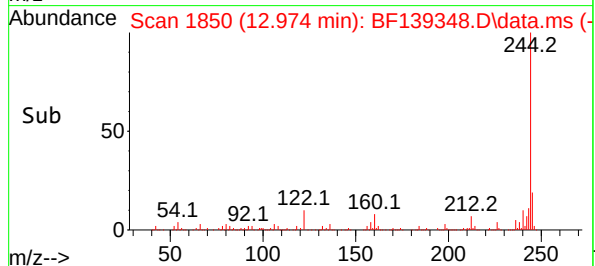
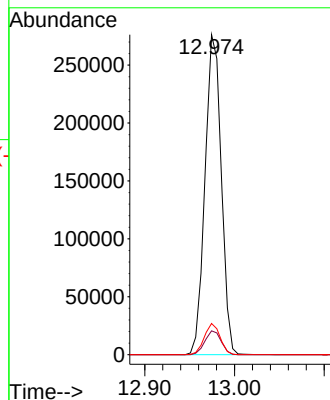


#79
Terphenyl-d14
Concen: 41.382 ng
RT: 12.974 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

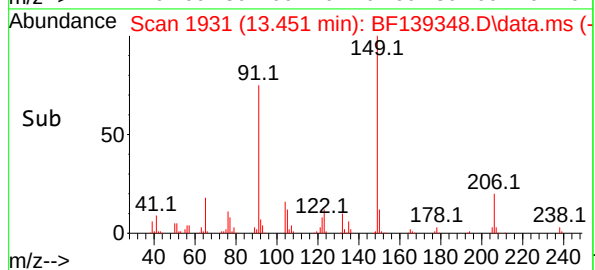
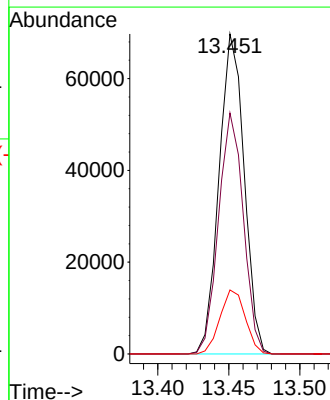
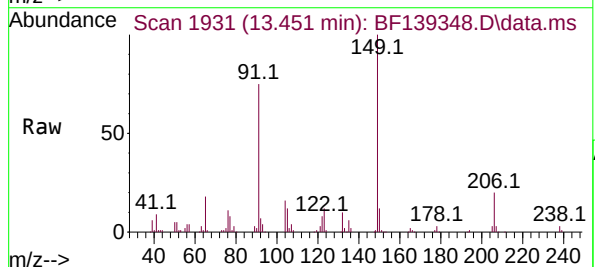


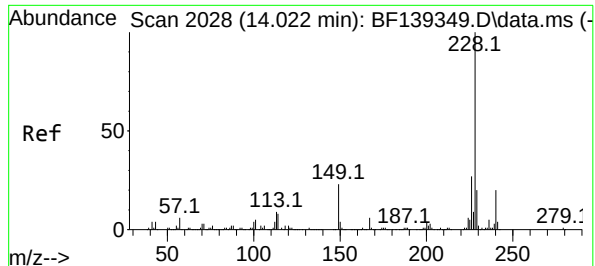
Tgt Ion:244 Resp: 348294
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 9.8 7.6 11.4



#80
Butylbenzylphthalate
Concen: 27.698 ng
RT: 13.451 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

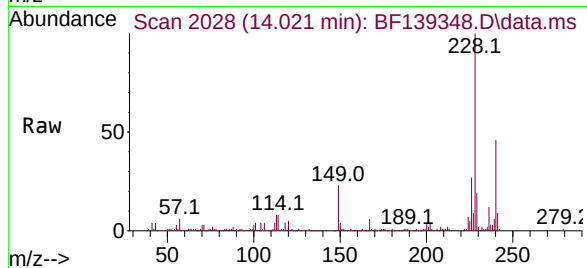
Tgt Ion:149 Resp: 85593
Ion Ratio Lower Upper
149 100
91 75.3 60.9 91.3
206 20.0 15.8 23.8



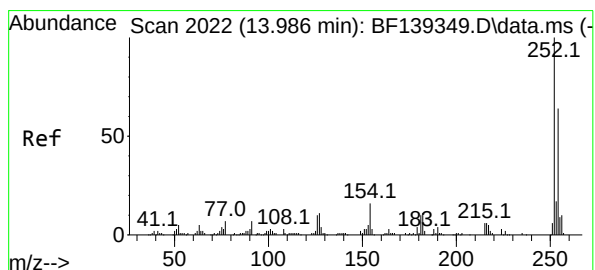
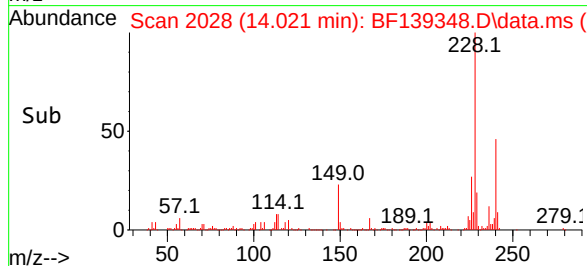
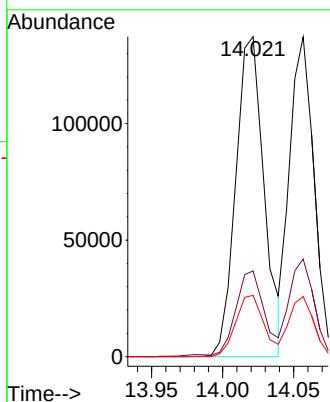


#81
Benzo(a)anthracene
Concen: 21.984 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

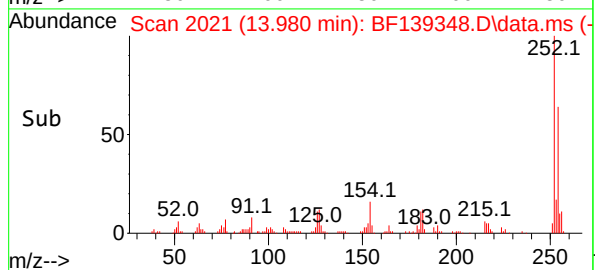
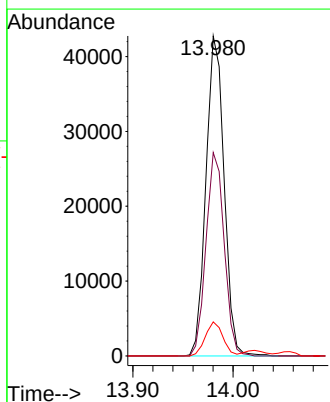
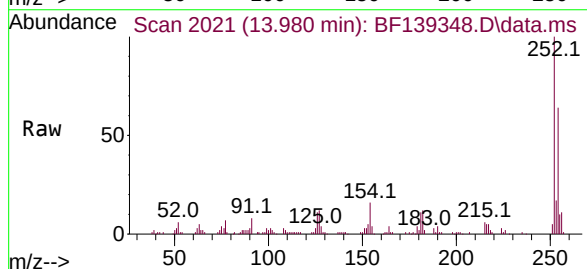


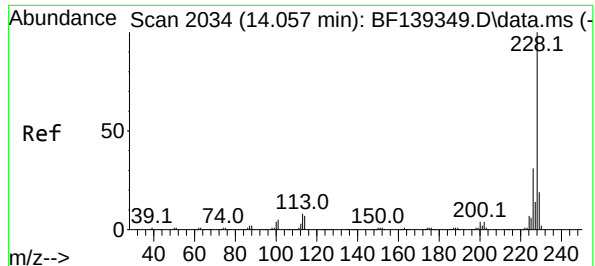
Tgt Ion:228 Resp: 190760
Ion Ratio Lower Upper
228 100
226 26.8 21.6 32.4
229 19.2 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 23.362 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:252 Resp: 53835
Ion Ratio Lower Upper
252 100
254 63.6 51.4 77.2
126 10.7 7.7 11.5

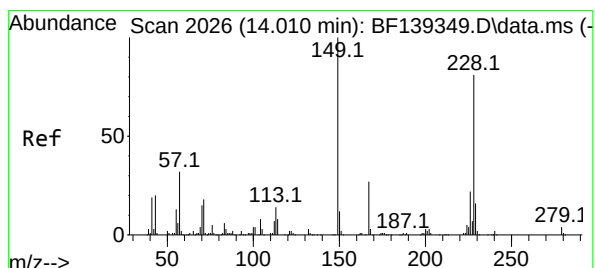
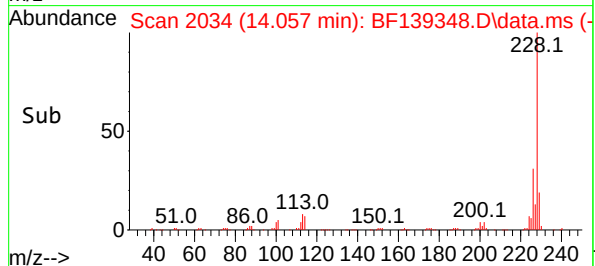
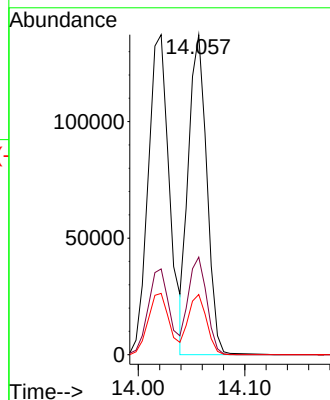
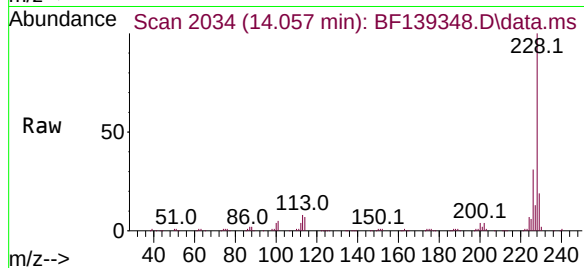




#83
Chrysene
Concen: 20.240 ng
RT: 14.057 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

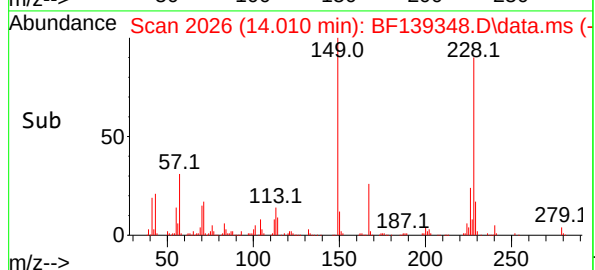
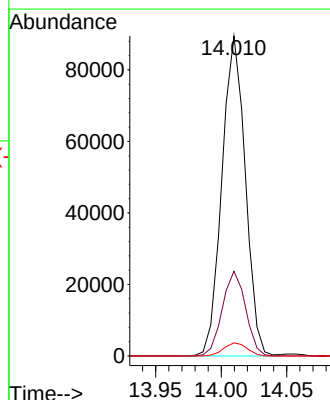
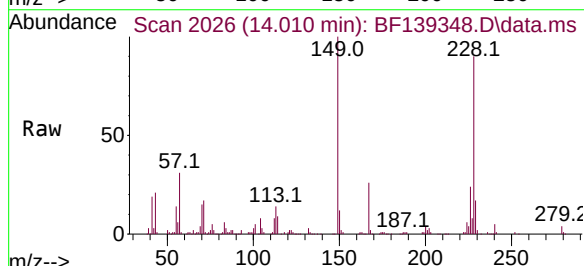
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

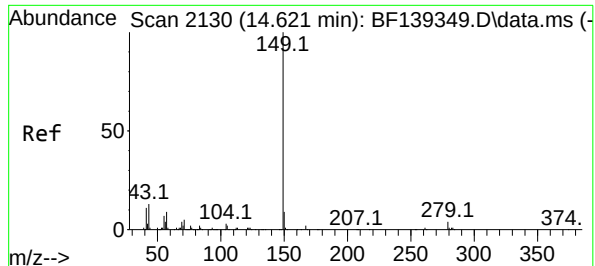
Tgt Ion:228 Resp: 163920
Ion Ratio Lower Upper
228 100
226 30.5 24.1 36.1
229 18.8 15.4 23.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 30.577 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion:149 Resp: 110906
Ion Ratio Lower Upper
149 100
167 26.5 21.6 32.4
279 4.1 3.3 4.9

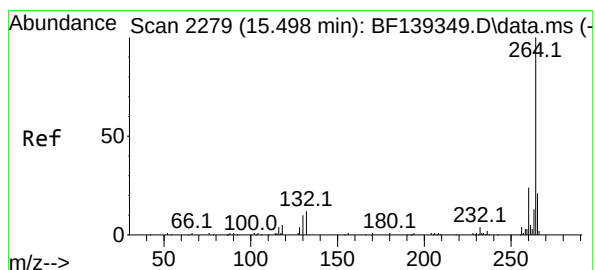
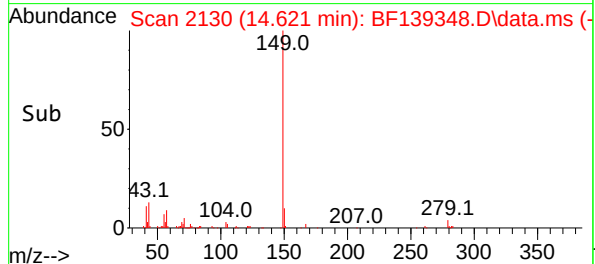
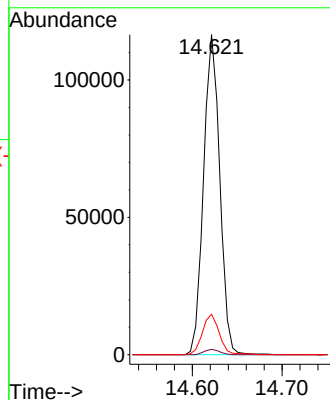
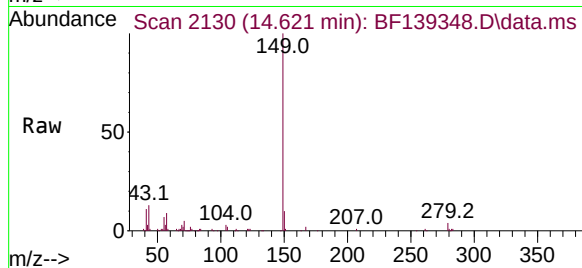




#85
Di-n-octyl phthalate
Concen: 21.054 ng
RT: 14.621 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

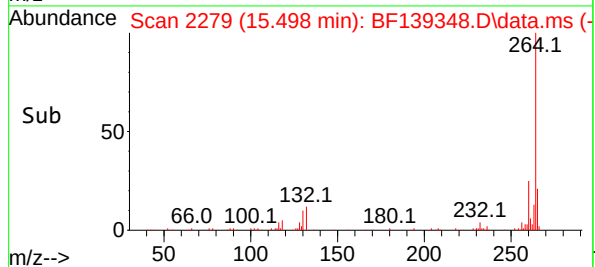
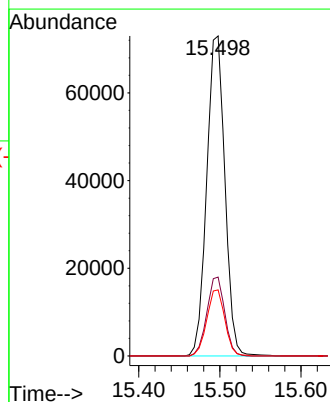
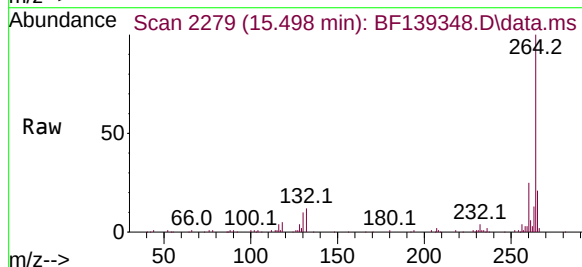
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

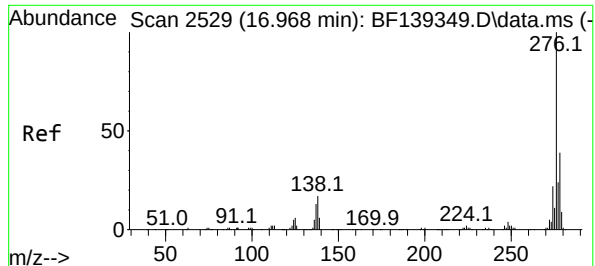
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	13.1	10.6	16.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BF139348.D
Acq: 13 Sep 2024 15:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	20.6	16.6	25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 18.812 ng

RT: 16.957 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

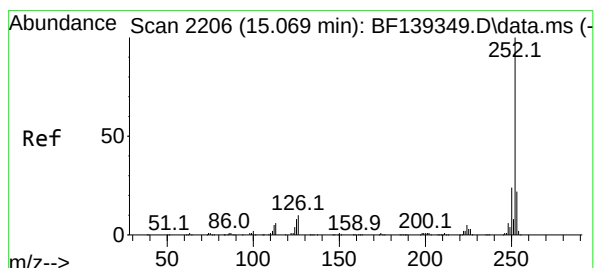
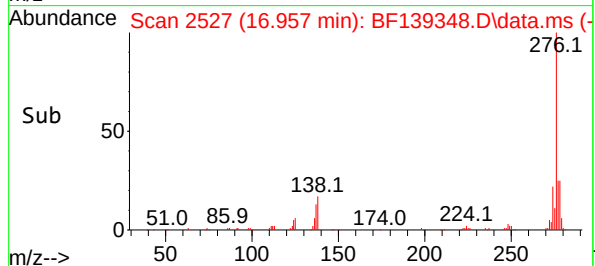
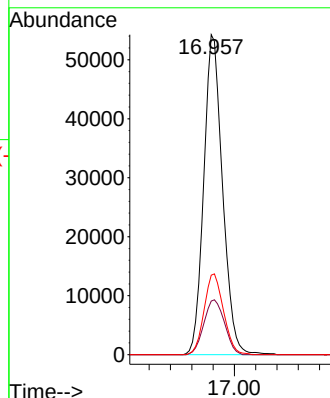
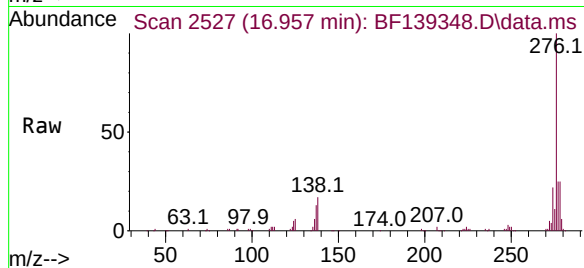
Tgt Ion:276 Resp: 133029

Ion Ratio Lower Upper

276 100

138 18.8 15.4 23.2

277 26.0 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 23.132 ng

RT: 15.063 min Scan# 2205

Delta R.T. -0.006 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

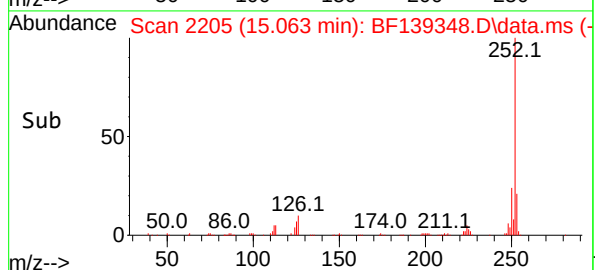
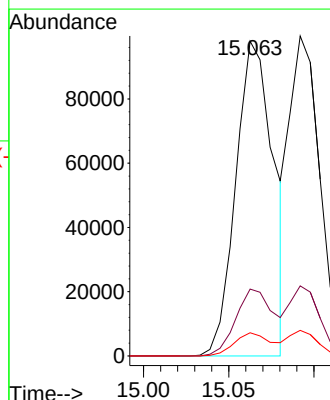
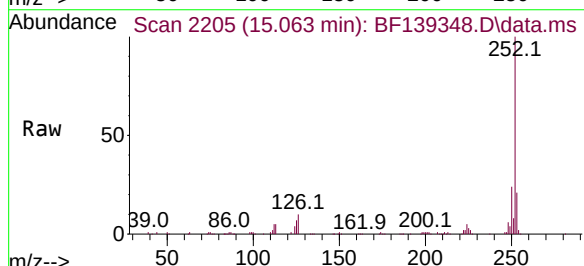
Tgt Ion:252 Resp: 150795

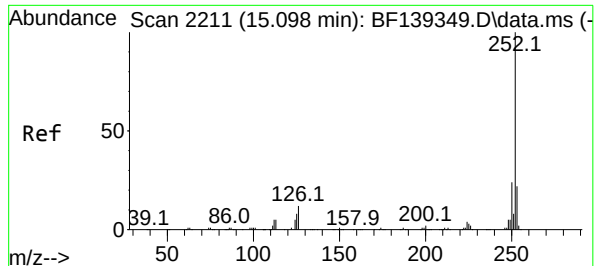
Ion Ratio Lower Upper

252 100

253 21.2 17.6 26.4

125 7.4 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 21.436 ng

RT: 15.092 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

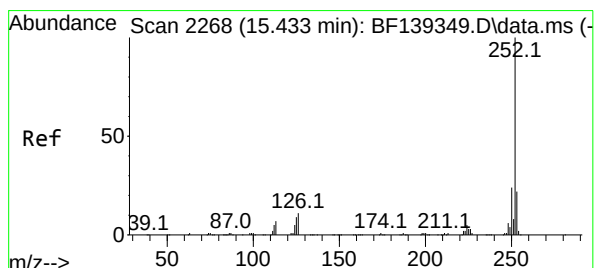
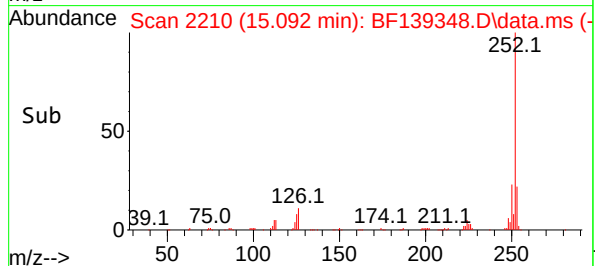
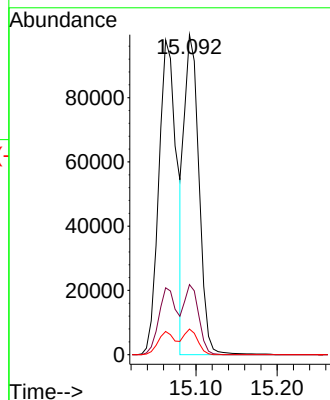
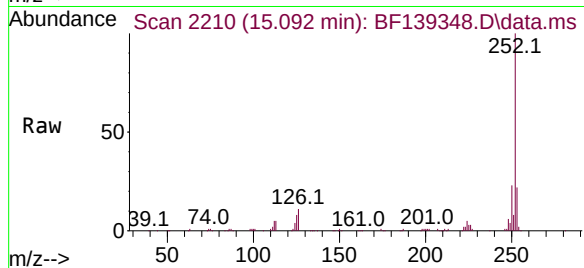
Tgt Ion:252 Resp: 125290

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 8.0 5.9 8.9



#90

Benzo(a)pyrene

Concen: 21.093 ng

RT: 15.433 min Scan# 2268

Delta R.T. -0.000 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

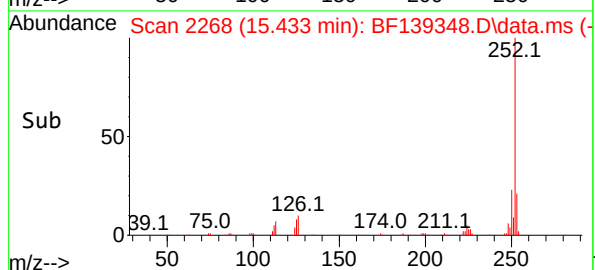
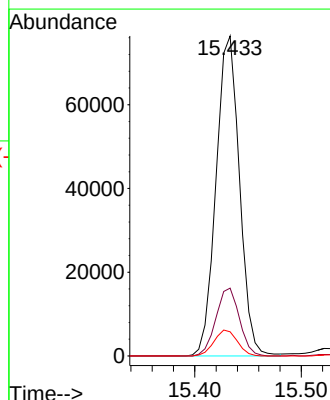
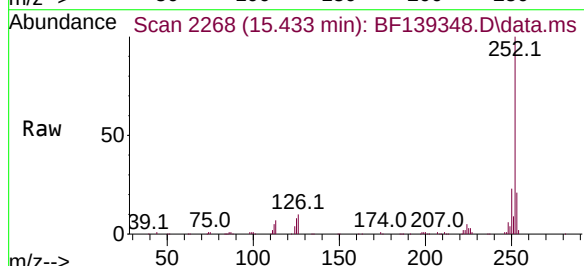
Tgt Ion:252 Resp: 116755

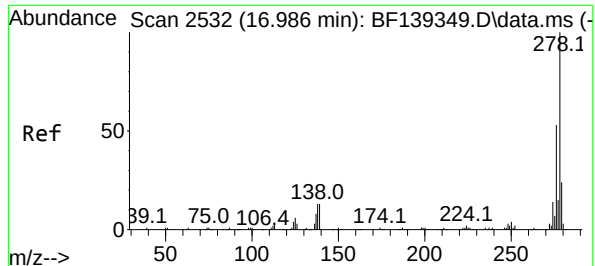
Ion Ratio Lower Upper

252 100

253 21.2 17.3 25.9

125 7.6 6.8 10.2





#91

Dibenzo(a,h)anthracene

Concen: 18.908 ng

RT: 16.980 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

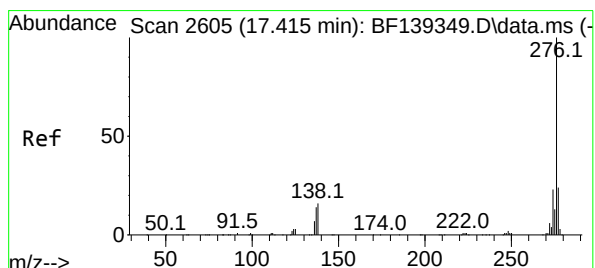
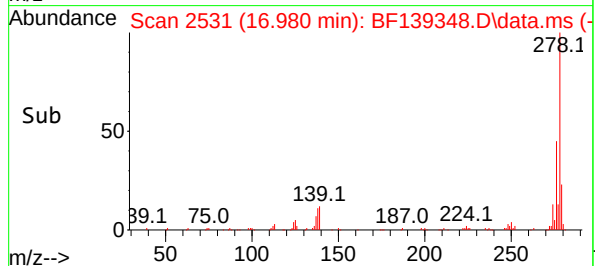
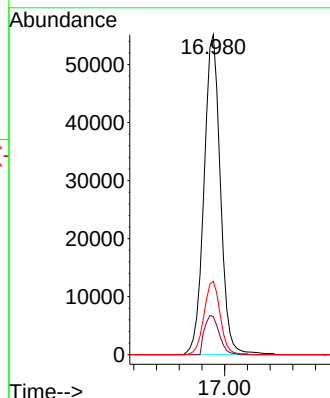
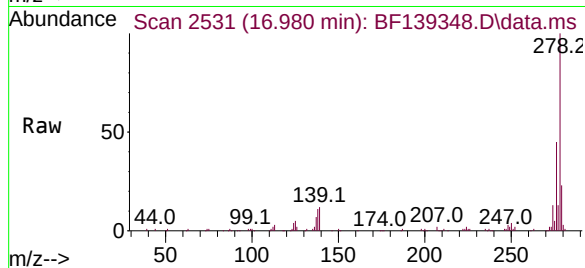
Tgt Ion:278 Resp: 110187

Ion Ratio Lower Upper

278 100

139 11.9 10.2 15.2

279 23.0 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 18.329 ng

RT: 17.404 min Scan# 2603

Delta R.T. -0.012 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

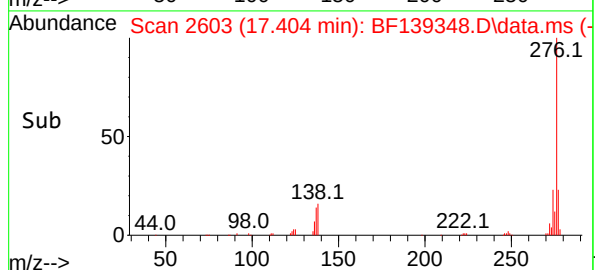
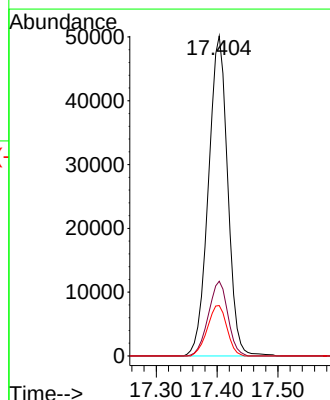
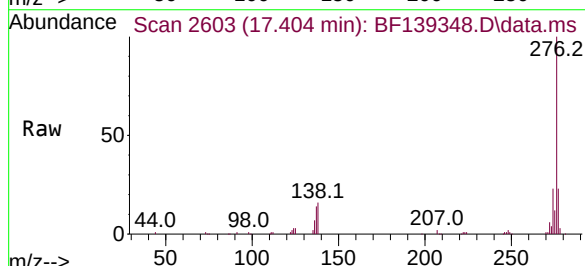
Tgt Ion:276 Resp: 110255

Ion Ratio Lower Upper

276 100

277 23.3 18.9 28.3

138 15.8 13.0 19.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
 Data File : BF139349.D
 Acq On : 13 Sep 2024 16:53
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/16/2024
 Supervised By :mohammad ahmed 09/16/2024

Quant Time: Sep 14 02:16:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:10:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	52723	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	182509	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	98703	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	194097	20.000	ng	0.00
76) Chrysene-d12	14.033	240	109489	20.000	ng	0.00
86) Perylene-d12	15.498	264	106513	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	256515	81.391	ng	0.00
7) Phenol-d6	6.504	99	337081	80.116	ng	0.00
23) Nitrobenzene-d5	7.445	82	321670	91.690	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	90543	106.232	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	588478	92.034	ng	0.00
79) Terphenyl-d14	12.980	244	590790	87.121	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.658	88	52091	35.492	ng	100
3) Pyridine	3.410	79	115745	32.671	ng	100
4) n-Nitrosodimethylamine	3.369	42	99237	43.135	ng	100
6) Aniline	6.569	93	125942m	32.552	ng	
8) 2-Chlorophenol	6.663	128	130959	40.094	ng	100
9) Benzaldehyde	6.428	77	87815	34.480	ng	100
10) Phenol	6.522	94	169642	38.225	ng	100
11) bis(2-Chloroethyl)ether	6.616	93	119505	37.587	ng	100
12) 1,3-Dichlorobenzene	6.822	146	149106	40.331	ng	100
13) 1,4-Dichlorobenzene	6.898	146	150962	40.796	ng	100
14) 1,2-Dichlorobenzene	7.051	146	141725	41.065	ng	100
15) Benzyl Alcohol	7.016	79	135194	44.061	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	196996	32.548	ng	100
17) 2-Methylphenol	7.128	107	104016	38.985	ng	100
18) Hexachloroethane	7.393	117	57283	43.342	ng	100
19) n-Nitroso-di-n-propyla...	7.293	70	99024	40.865	ng	100
20) 3+4-Methylphenols	7.281	107	142417	42.353	ng	100
22) Acetophenone	7.287	105	196581	45.212	ng	100
24) Nitrobenzene	7.463	77	165350	44.406	ng	100
25) Isophorone	7.698	82	250157	41.707	ng	100
26) 2-Nitrophenol	7.775	139	66347	45.366	ng	100
27) 2,4-Dimethylphenol	7.810	122	85952	41.208	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	141226	39.520	ng	100
29) 2,4-Dichlorophenol	8.016	162	107629	43.097	ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	124438	43.628	ng	100
31) Naphthalene	8.181	128	390544	42.255	ng	100
32) Benzoic acid	7.922	122	80333	42.284	ng	100
33) 4-Chloroaniline	8.234	127	123133	38.476	ng	100
34) Hexachlorobutadiene	8.298	225	84620	46.820	ng	100
35) Caprolactam	8.598	113	34107	44.115	ng	100
36) 4-Chloro-3-methylphenol	8.704	107	124337	45.688	ng	100
37) 2-Methylnaphthalene	8.875	142	248380	42.953	ng	100
38) 1-Methylnaphthalene	8.975	142	241525	42.469	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	122103	43.724	ng	100
41) Hexachlorocyclopentadiene	9.022	237	45137	50.294	ng	100
43) 2,4,6-Trichlorophenol	9.145	196	83204	45.538	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
 Data File : BF139349.D
 Acq On : 13 Sep 2024 16:53
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/16/2024
 Supervised By :mohammad ahmed 09/16/2024

Quant Time: Sep 14 02:16:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:10:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	85716	44.767	ng	100
46) 1,1'-Biphenyl	9.334	154	318340	43.531	ng	100
47) 2-Chloronaphthalene	9.363	162	239859	43.438	ng	100
48) 2-Nitroaniline	9.457	65	89926	47.281	ng	100
49) Acenaphthylene	9.775	152	358182	43.067	ng	100
50) Dimethylphthalate	9.634	163	272789	45.599	ng	100
51) 2,6-Dinitrotoluene	9.698	165	61729	45.483	ng	100
52) Acenaphthene	9.945	154	254549	46.146	ng	100
53) 3-Nitroaniline	9.863	138	62889	43.492	ng	100
54) 2,4-Dinitrophenol	9.969	184	35233	60.625	ng	100
55) Dibenzofuran	10.116	168	351419	44.435	ng	100
56) 4-Nitrophenol	10.016	139	52194	48.904	ng	100
57) 2,4-Dinitrotoluene	10.098	165	85730	49.629	ng	100
58) Fluorene	10.463	166	290609	47.395	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.234	232	70914	47.051	ng	100
60) Diethylphthalate	10.334	149	284254	48.283	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	139089	47.037	ng	100
62) 4-Nitroaniline	10.481	138	68663	49.885	ng	100
63) Azobenzene	10.610	77	280849	45.262	ng	100
65) 4,6-Dinitro-2-methylph...	10.504	198	45281	50.489	ng	100
66) n-Nitrosodiphenylamine	10.569	169	233278	41.289	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	80176	42.574	ng	100
68) Hexachlorobenzene	11.004	284	94276	43.730	ng	100
69) Atrazine	11.092	200	47081	36.119	ng	100
70) Pentachlorophenol	11.198	266	58297	46.813	ng	100
71) Phenanthrene	11.422	178	389660	42.974	ng	100
72) Anthracene	11.475	178	383110	43.252	ng	100
73) Carbazole	11.628	167	367107	44.344	ng	100
74) Di-n-butylphthalate	11.957	149	417404	49.242	ng	100
75) Fluoranthene	12.610	202	421114	46.325	ng	100
77) Benzidine	12.727	184	84080	38.138	ng	100
78) Pyrene	12.833	202	421208	39.824	ng	100
80) Butylbenzylphthalate	13.451	149	137311	55.148	ng	100
81) Benzo(a)anthracene	14.022	228	297337	42.529	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	81918	44.120	ng	100
83) Chrysene	14.057	228	270196	41.408	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	167358	57.267	ng	100
85) Di-n-octyl phthalate	14.621	149	247331	44.204	ng	100
87) Indeno(1,2,3-cd)pyrene	16.968	276	290402	43.643	ng	100
88) Benzo(b)fluoranthene	15.069	252	261127	42.570	ng	100
89) Benzo(k)fluoranthene	15.098	252	253691	46.126	ng	100
90) Benzo(a)pyrene	15.433	252	229237	44.011	ng	100
91) Dibenzo(a,h)anthracene	16.986	278	233814	42.639	ng	100
92) Benzo(g,h,i)perylene	17.415	276	235706	41.642	ng	100

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

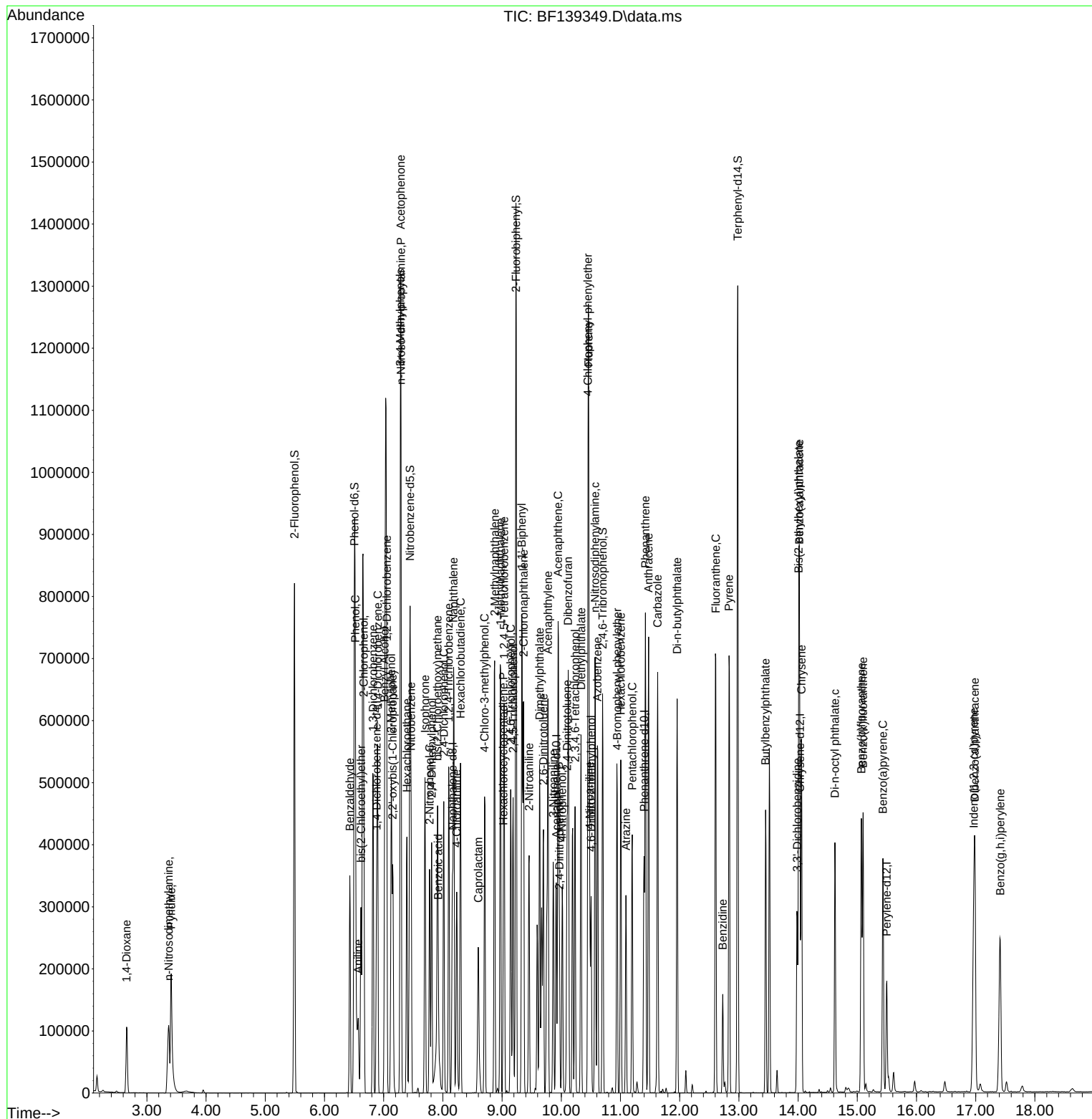
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Data File : BF139349.D
Acq On : 13 Sep 2024 16:53
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

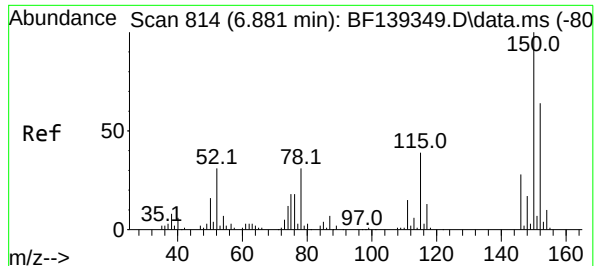
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

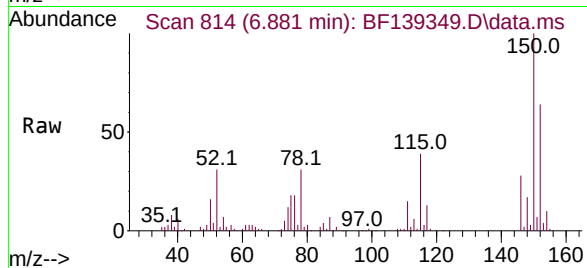
Quant Time: Sep 14 02:16:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:10:24 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

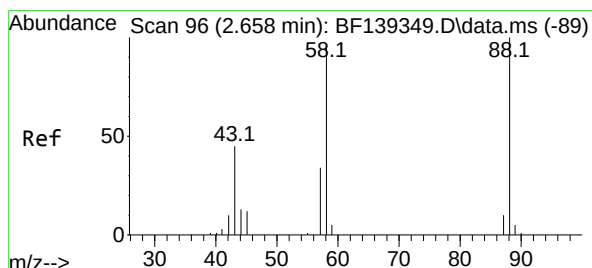
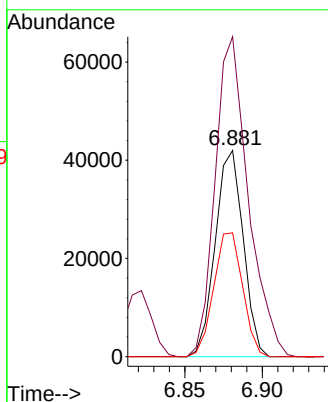
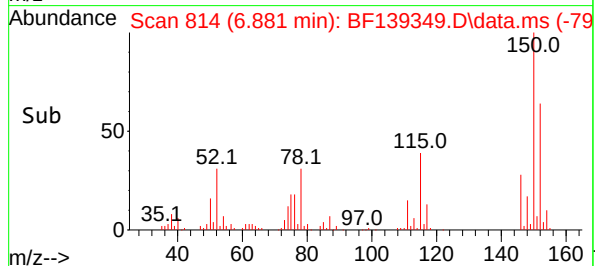
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion: 152 Resp: 52723
Ion Ratio Lower Upper
152 100
150 155.1 124.1 186.1
115 60.1 48.1 72.1

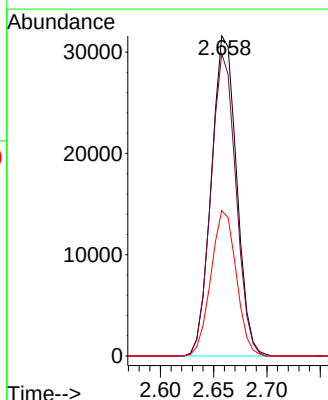
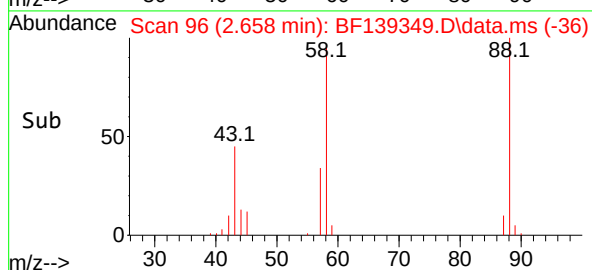
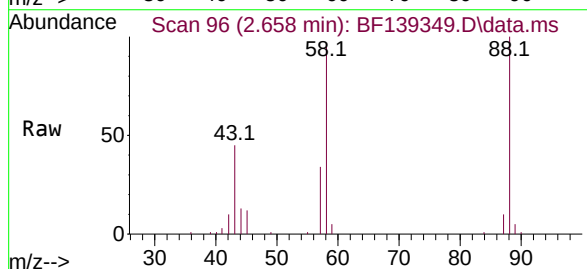
Manual Integrations
APPROVED

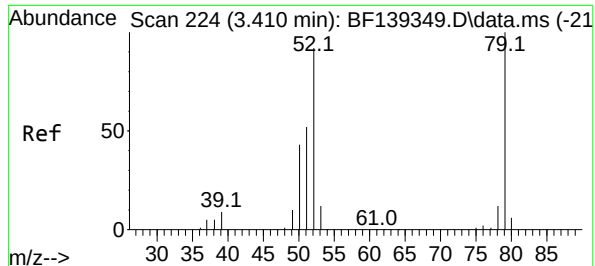
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#2
1,4-Dioxane
Concen: 35.492 ng
RT: 2.658 min Scan# 96
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion: 88 Resp: 52091
Ion Ratio Lower Upper
88 100
58 93.5 74.8 112.2
43 45.5 36.4 54.6





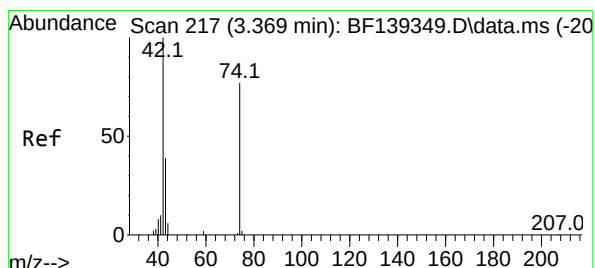
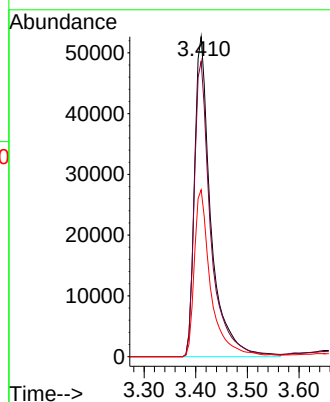
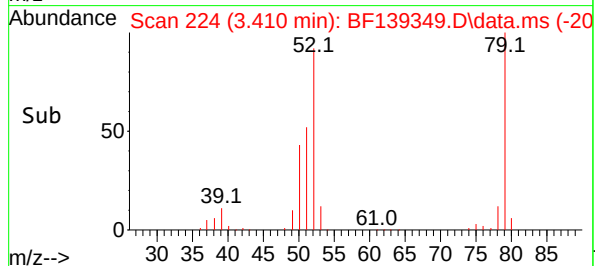
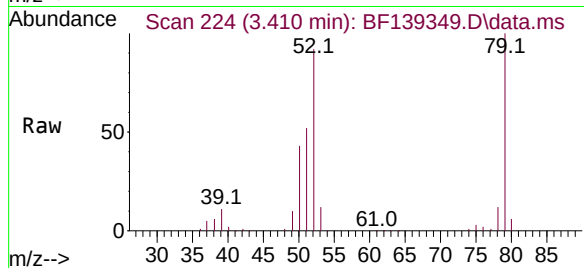
#3
Pyridine
Concen: 32.671 ng
RT: 3.410 min Scan# 211
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 11574
Ion Ratio Lower Upper
79 100
52 92.3 73.8 110.8
51 52.2 41.8 62.6

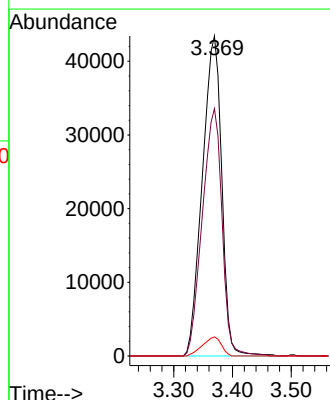
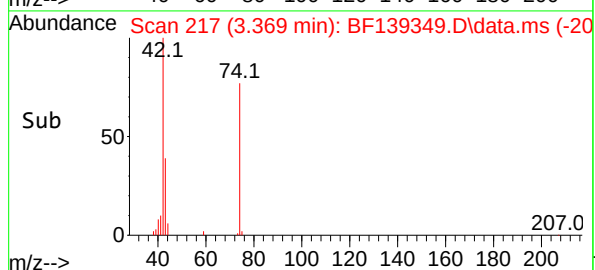
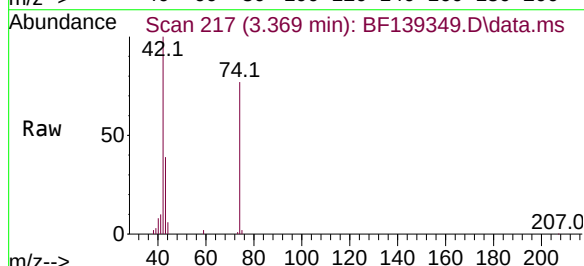
Manual Integrations
APPROVED

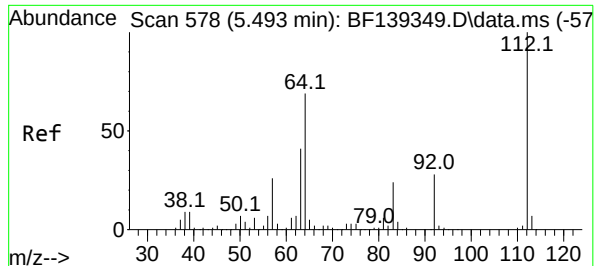
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#4
n-Nitrosodimethylamine
Concen: 43.135 ng
RT: 3.369 min Scan# 217
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion: 42 Resp: 99237
Ion Ratio Lower Upper
42 100
74 77.3 61.8 92.8
44 6.0 4.8 7.2





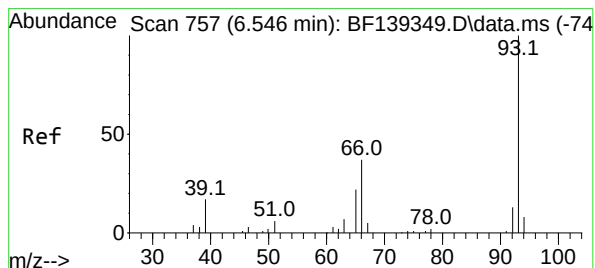
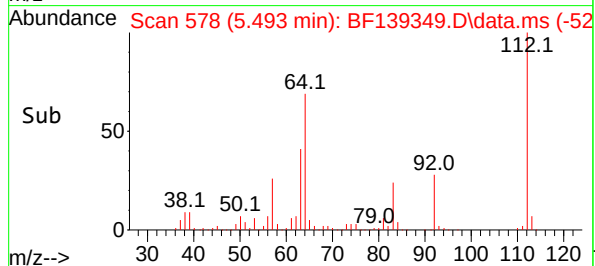
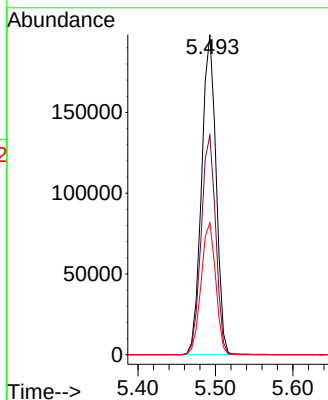
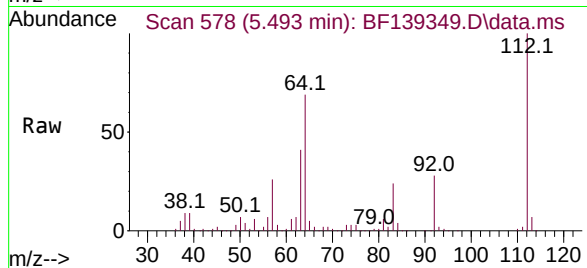
#5
2-Fluorophenol
Concen: 81.391 ng
RT: 5.493 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 112 Resp: 25651
Ion Ratio Lower Upper
112 100
64 68.5 54.8 82.2
63 41.2 33.0 49.4

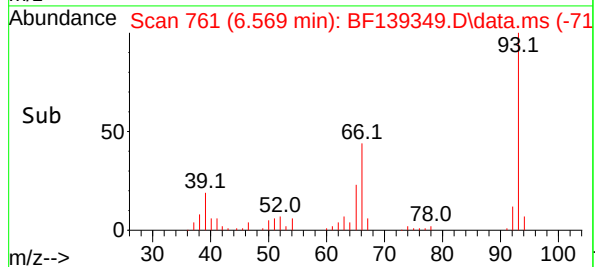
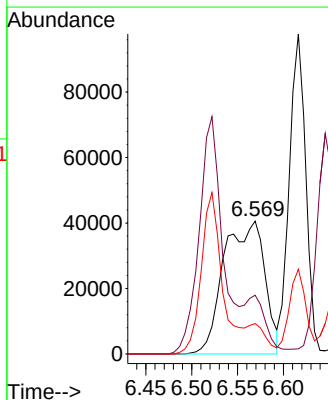
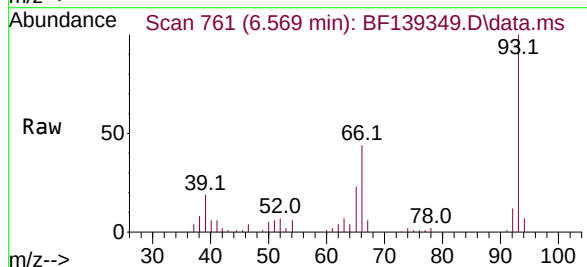
Manual Integrations
APPROVED

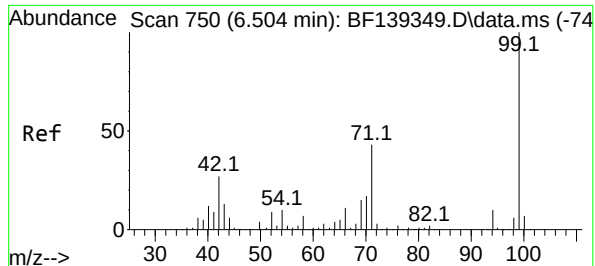
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#6
Aniline
Concen: 32.552 ng m
RT: 6.569 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion: 93 Resp: 125942
Ion Ratio Lower Upper
93 100
66 44.2 35.4 53.0
65 22.8 18.2 27.4





#7

Phenol-d6

Concen: 80.116 ng

RT: 6.504 min Scan# 710

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 99 Resp: 33708

Ion Ratio Lower Upper

99 100

42 27.4 21.9 32.9

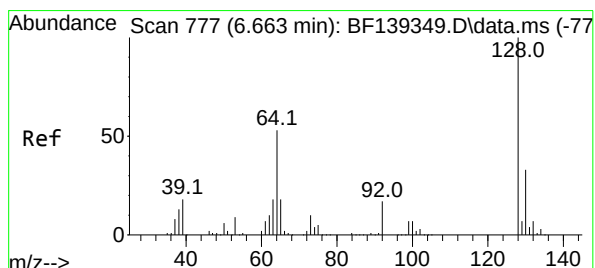
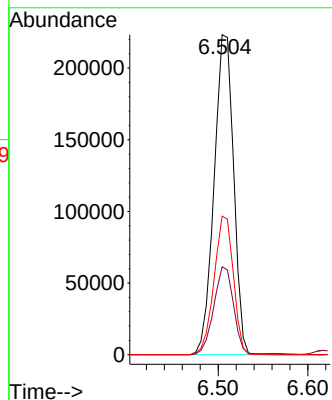
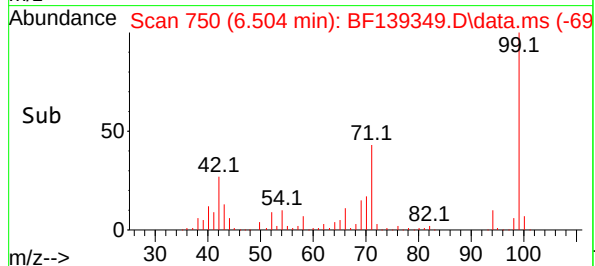
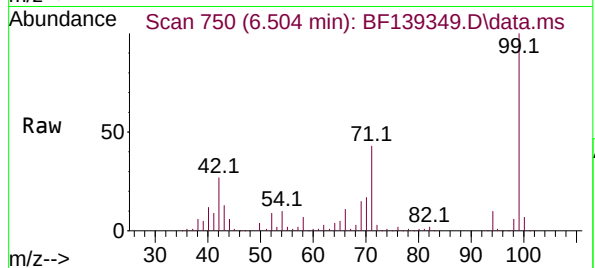
71 43.3 34.6 52.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#8

2-Chlorophenol

Concen: 40.094 ng

RT: 6.663 min Scan# 777

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

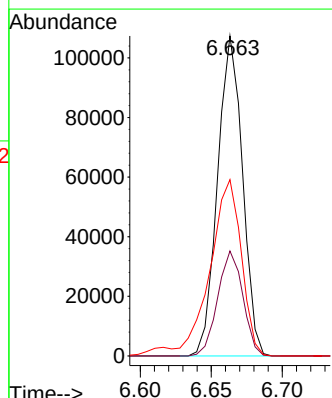
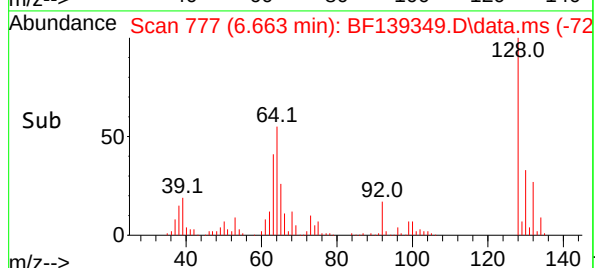
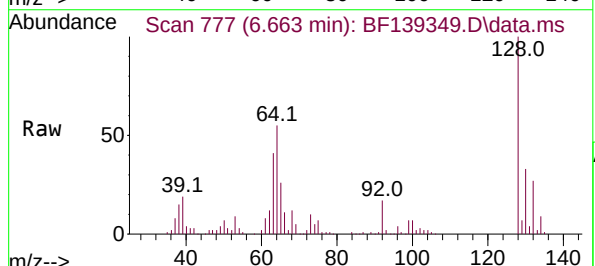
Tgt Ion:128 Resp: 130959

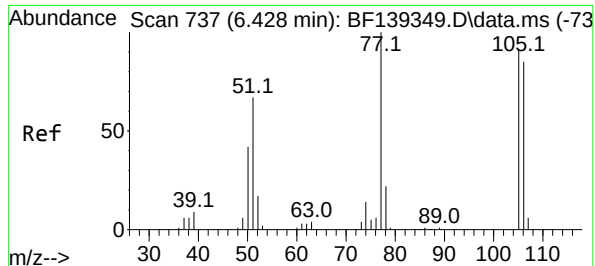
Ion Ratio Lower Upper

128 100

130 32.8 12.8 52.8

64 55.1 35.1 75.1





#9

Benzaldehyde

Concen: 34.480 ng

RT: 6.428 min Scan# 737

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 77 Resp: 8781

Ion Ratio Lower Upper

77 100

105 91.0 71.0 111.0

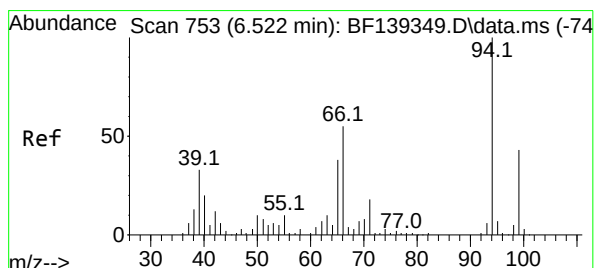
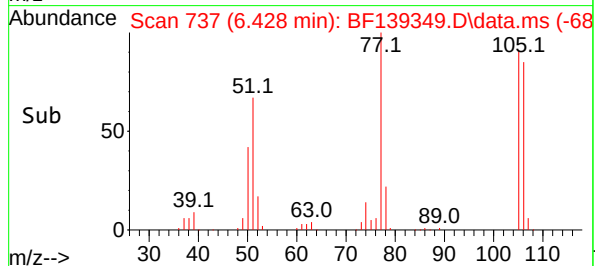
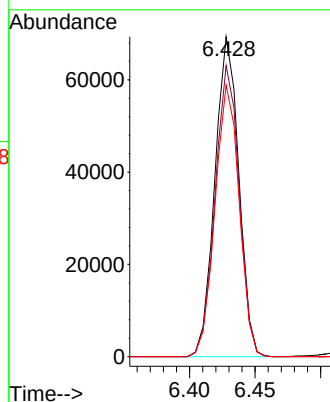
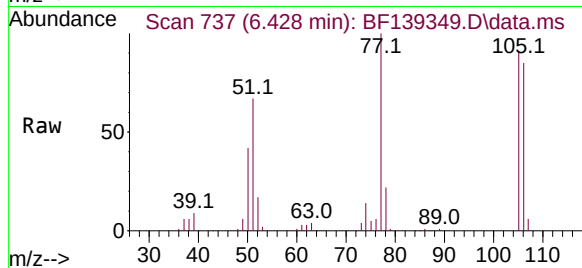
106 84.9 64.9 104.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#10

Phenol

Concen: 38.225 ng

RT: 6.522 min Scan# 753

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

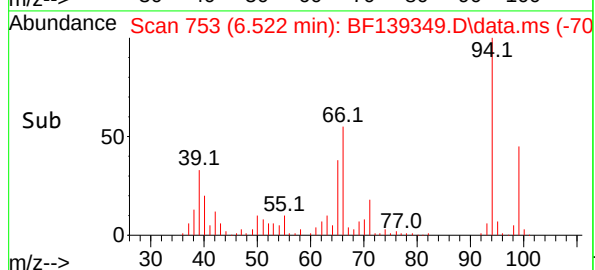
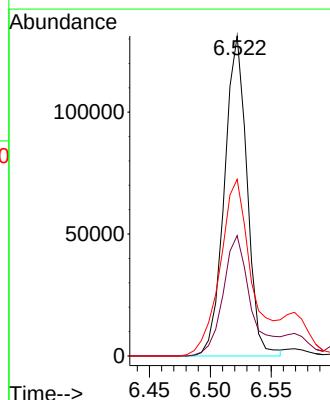
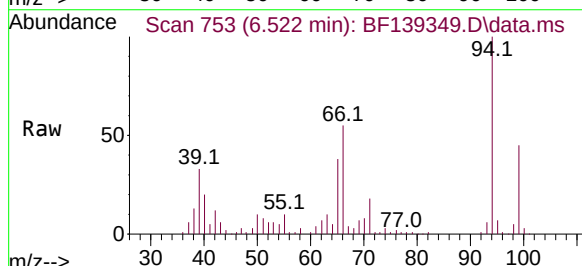
Tgt Ion: 94 Resp: 169642

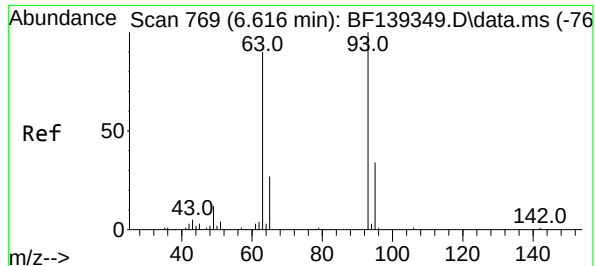
Ion Ratio Lower Upper

94 100

65 37.6 17.6 57.6

66 55.2 35.2 75.2





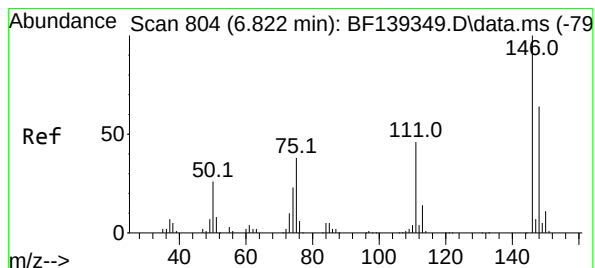
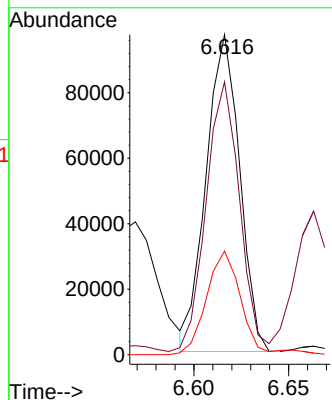
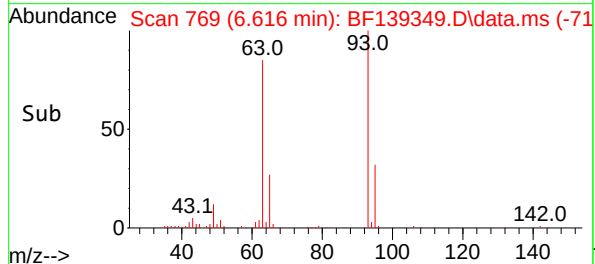
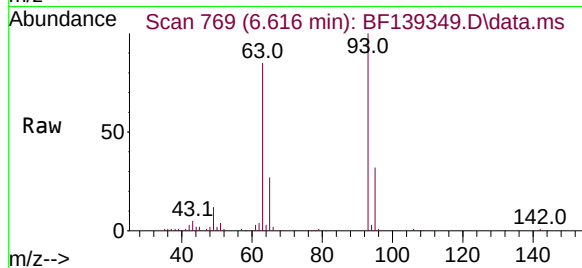
#11
bis(2-Chloroethyl)ether
Concen: 37.587 ng
RT: 6.616 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 11950
Ion Ratio Lower Upper
93 100
63 85.3 65.3 105.3
95 32.4 12.4 52.4

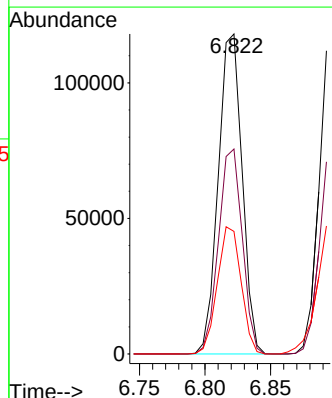
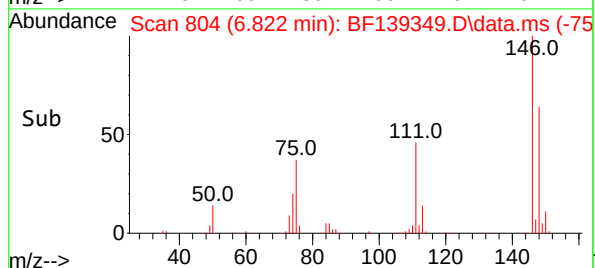
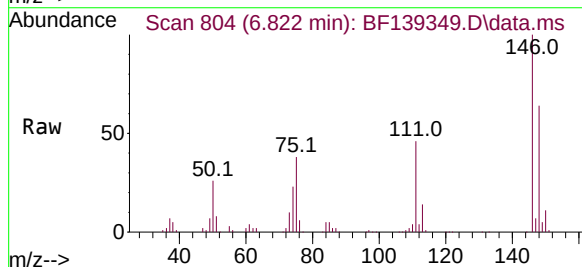
Manual Integrations
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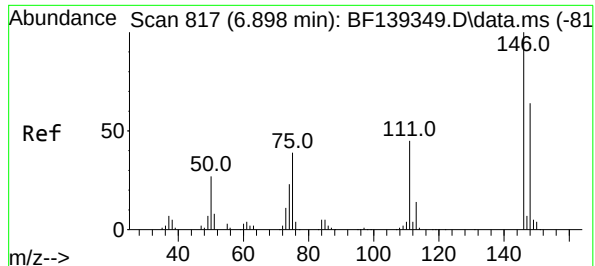
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#12
1,3-Dichlorobenzene
Concen: 40.331 ng
RT: 6.822 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:146 Resp: 149106
Ion Ratio Lower Upper
146 100
148 64.0 51.2 76.8
75 38.3 30.6 46.0





#13

1,4-Dichlorobenzene

Concen: 40.796 ng

RT: 6.898 min Scan# 817

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:146 Resp: 150962

Ion Ratio Lower Upper

146 100

148 63.6 50.9 76.3

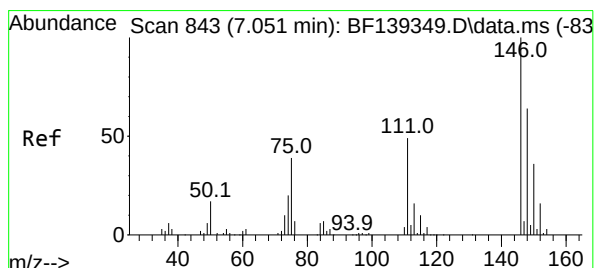
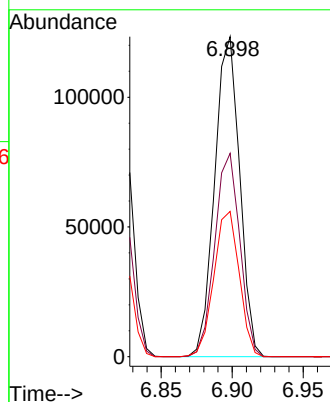
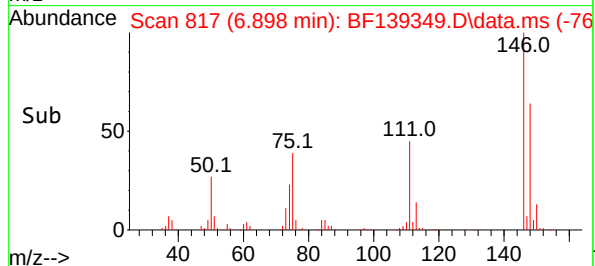
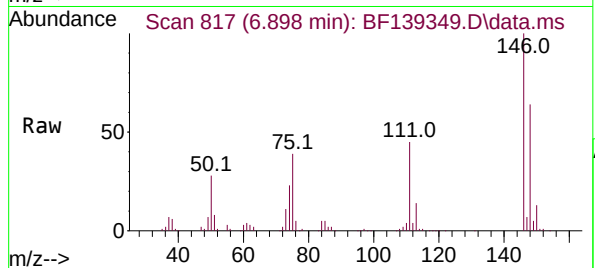
111 45.4 36.3 54.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#14

1,2-Dichlorobenzene

Concen: 41.065 ng

RT: 7.051 min Scan# 843

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

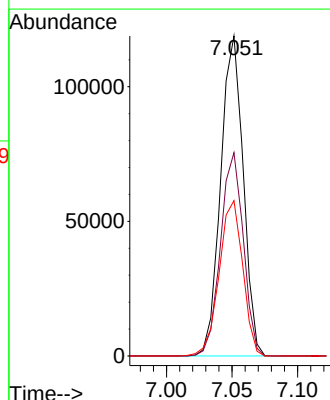
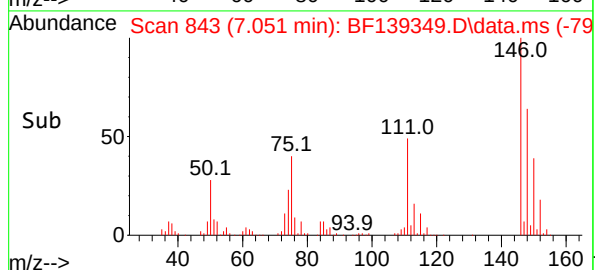
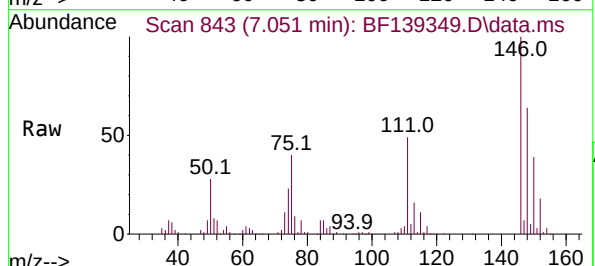
Tgt Ion:146 Resp: 141725

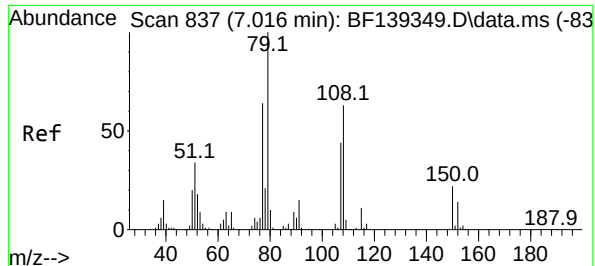
Ion Ratio Lower Upper

146 100

148 63.6 50.9 76.3

111 48.6 38.9 58.3





#15

Benzyl Alcohol

Concen: 44.061 ng

RT: 7.016 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

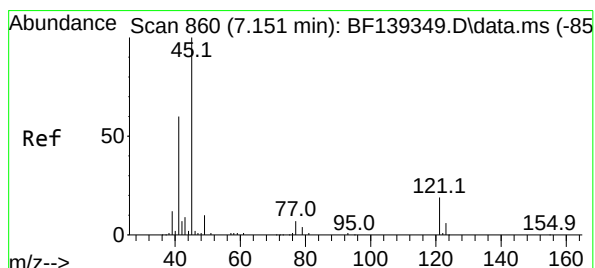
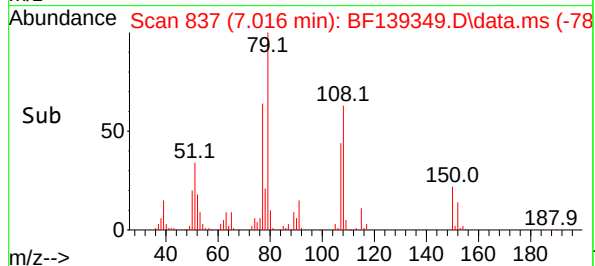
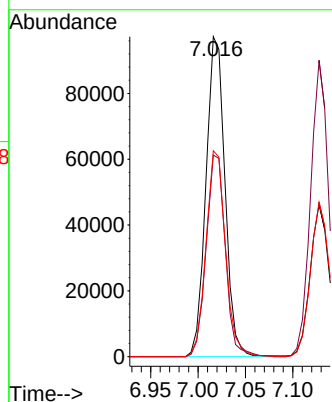
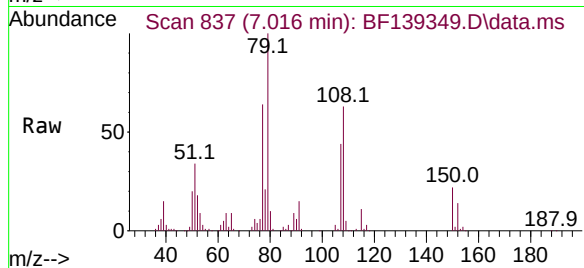
SSTDICCC040

Tgt Ion:	79	Resp:	135194
Ion	Ratio	Lower	Upper
79	100		
108	63.0	50.4	75.6
77	64.3	51.4	77.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.548 ng

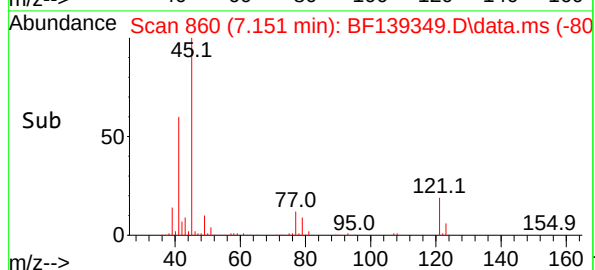
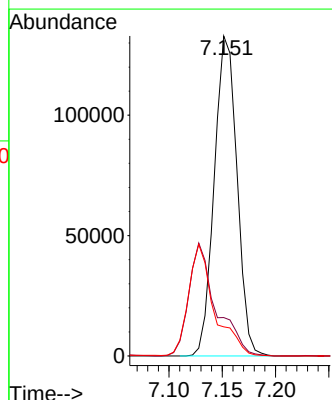
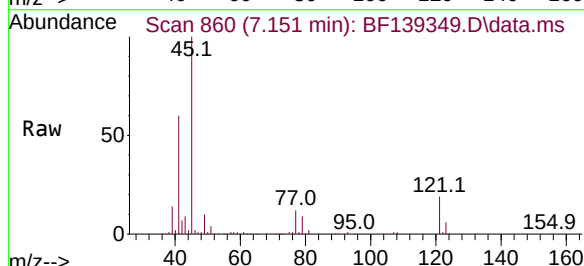
RT: 7.151 min Scan# 860

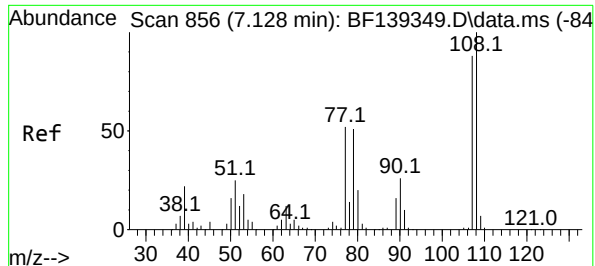
Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Tgt Ion:	45	Resp:	196996
Ion	Ratio	Lower	Upper
45	100		
77	12.0	0.0	32.0
79	9.1	0.0	29.1





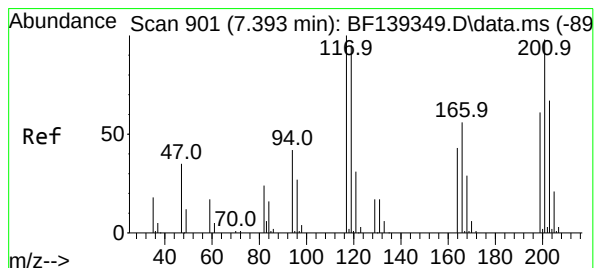
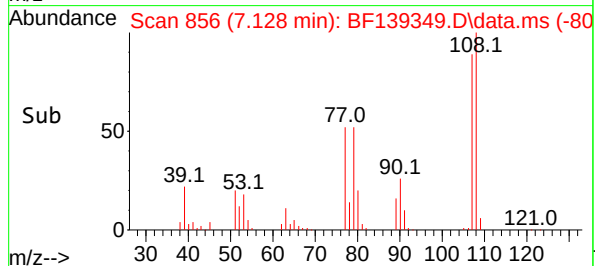
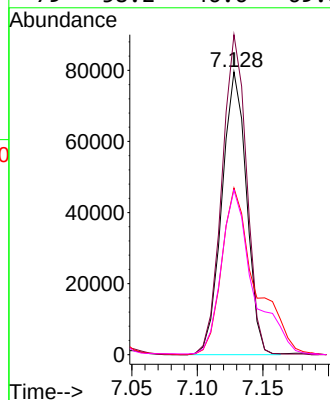
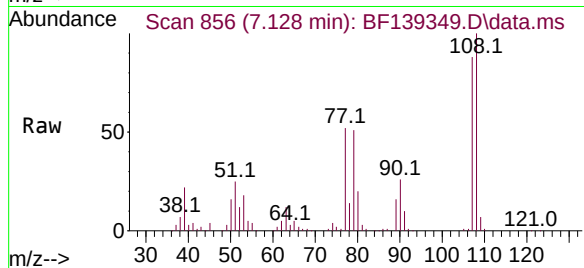
#17
2-Methylphenol
Concen: 38.985 ng
RT: 7.128 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:107 Resp: 104010
Ion Ratio Lower Upper
107 100
108 113.1 90.5 135.7
77 58.9 47.1 70.7
79 58.2 46.6 69.8

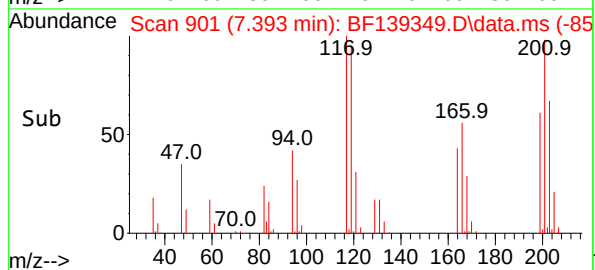
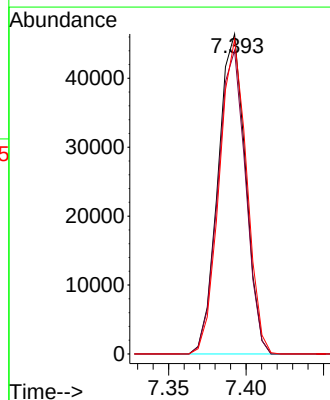
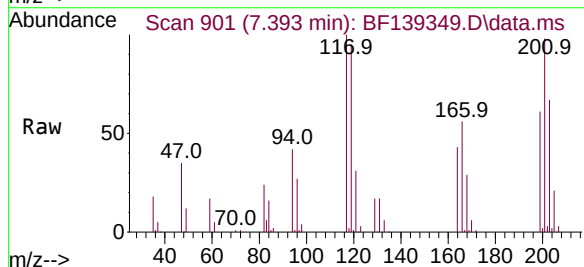
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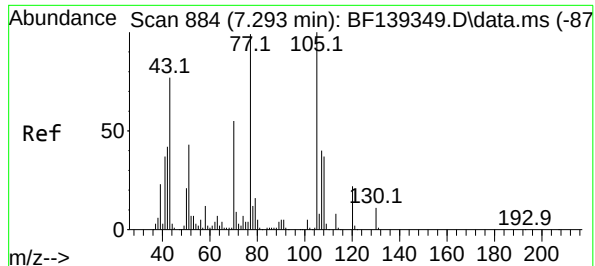
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#18
Hexachloroethane
Concen: 43.342 ng
RT: 7.393 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:117 Resp: 57283
Ion Ratio Lower Upper
117 100
119 94.8 75.8 113.8
201 98.3 78.6 118.0





#19

n-Nitroso-di-n-propylamine

Concen: 40.865 ng

RT: 7.293 min Scan# 884

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 99024

Ion Ratio Lower Upper

70 100

42 76.5 61.2 91.8

101 9.4 7.5 11.3

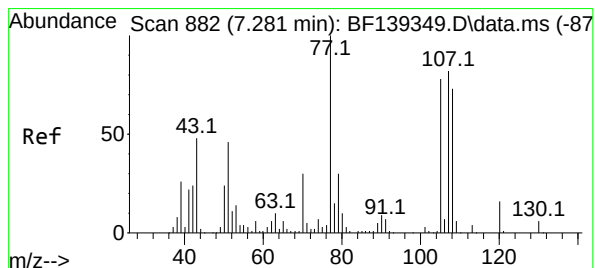
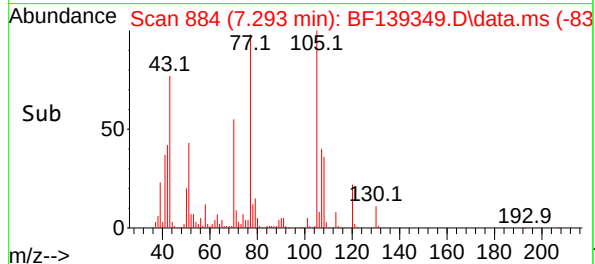
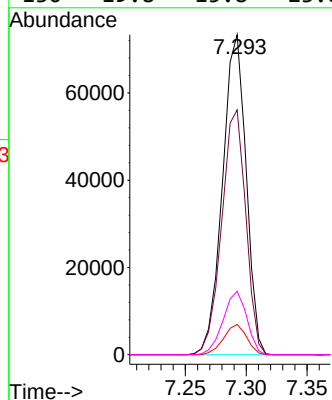
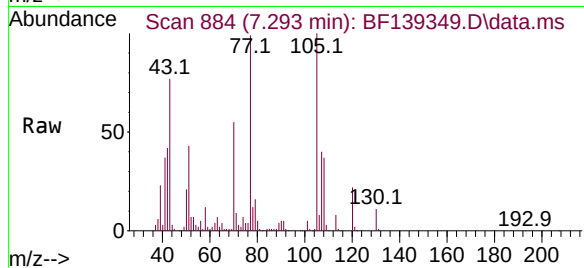
130 19.8 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#20

3+4-Methylphenols

Concen: 42.353 ng

RT: 7.281 min Scan# 882

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Tgt Ion:107 Resp: 142417

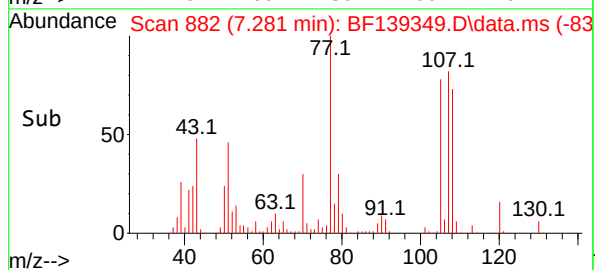
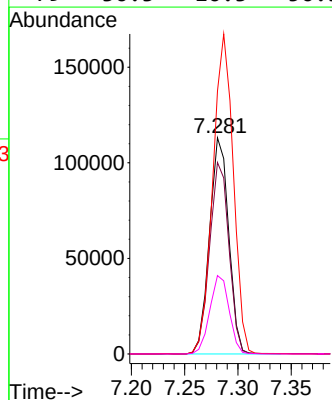
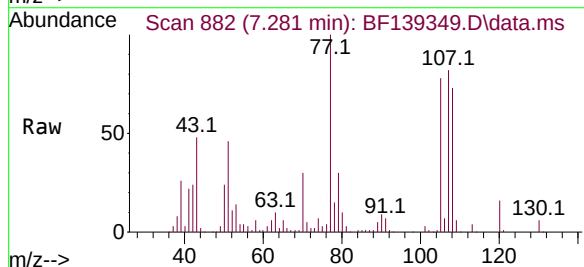
Ion Ratio Lower Upper

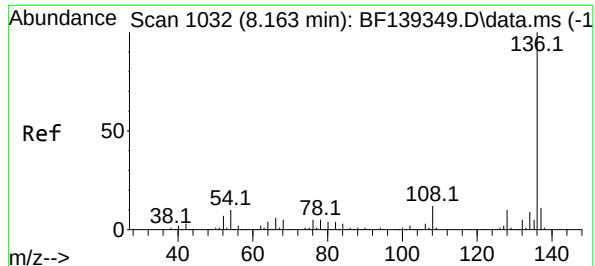
107 100

108 88.6 68.6 108.6

77 121.6 101.6 141.6

79 36.3 16.3 56.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1032

Delta R.T. 0.000 min

Lab File: BF139349.D

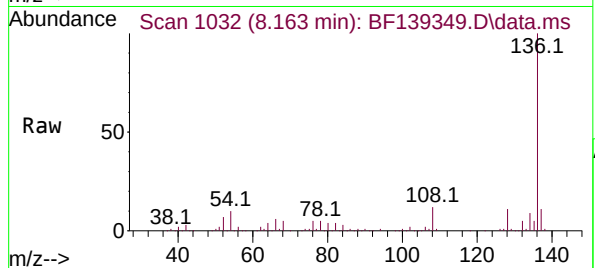
Acq: 13 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:136 Resp: 182509

Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 9.8 7.8 11.8

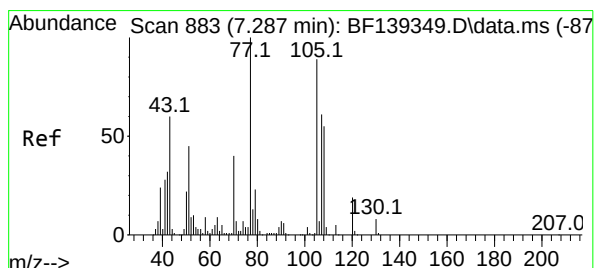
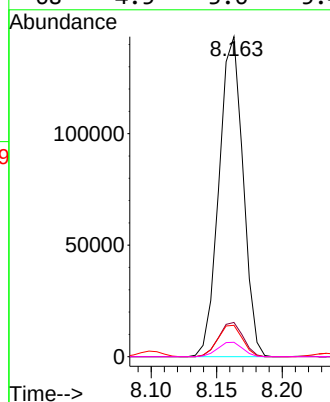
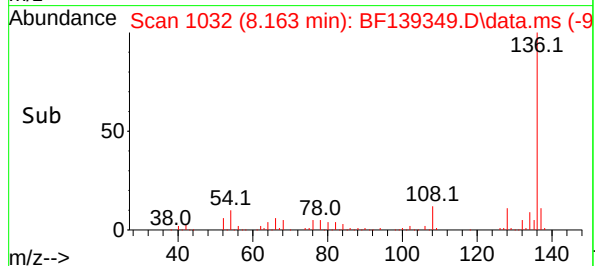
68 4.5 3.6 5.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#22

Acetophenone

Concen: 45.212 ng

RT: 7.287 min Scan# 883

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Tgt Ion:105 Resp: 196581

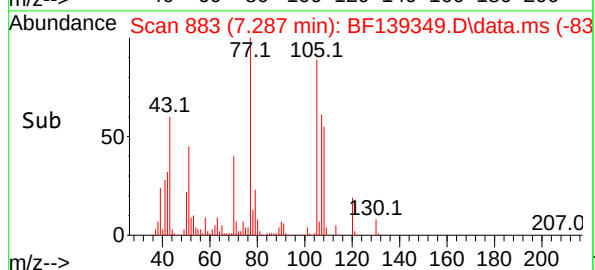
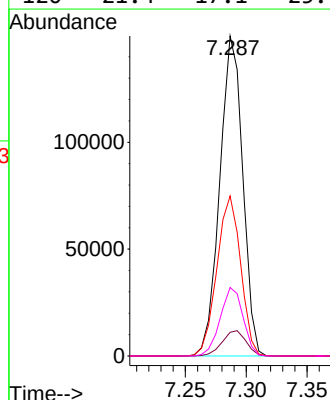
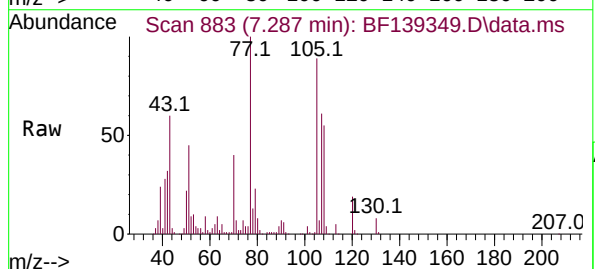
Ion Ratio Lower Upper

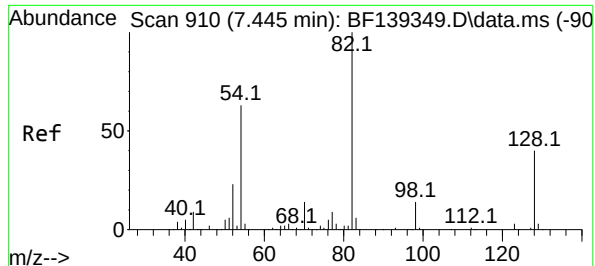
105 100

71 7.4 5.9 8.9

51 50.0 40.0 60.0

120 21.4 17.1 25.7





#23

Nitrobenzene-d5

Concen: 91.690 ng

RT: 7.445 min Scan# 910

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 321670

Ion Ratio Lower Upper

82 100

128 39.7 31.8 47.6

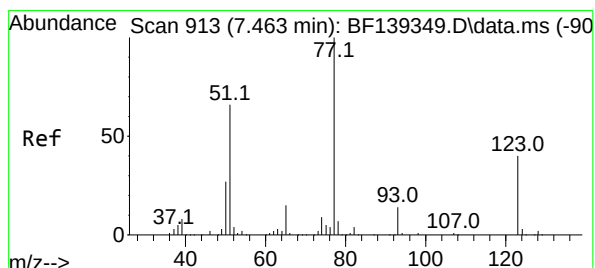
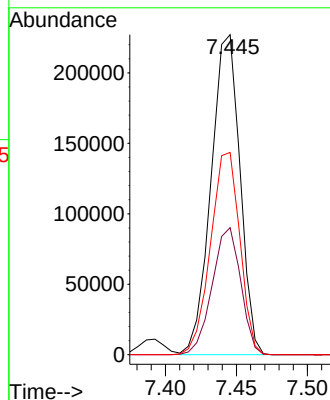
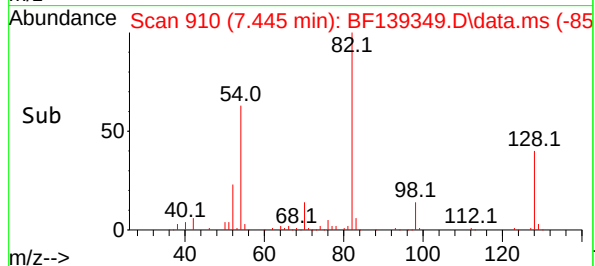
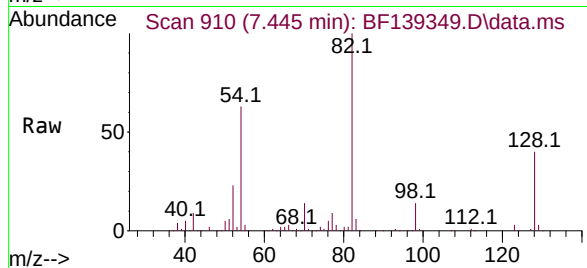
54 63.2 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#24

Nitrobenzene

Concen: 44.406 ng

RT: 7.463 min Scan# 913

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

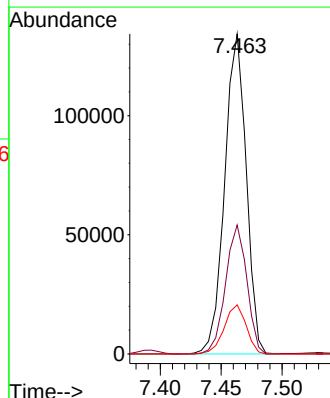
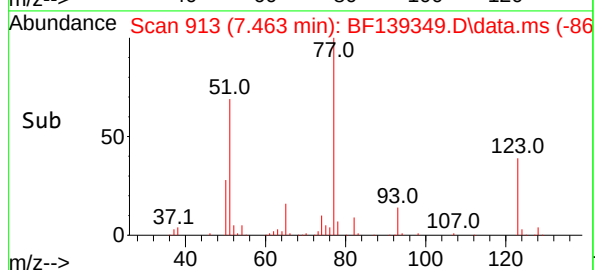
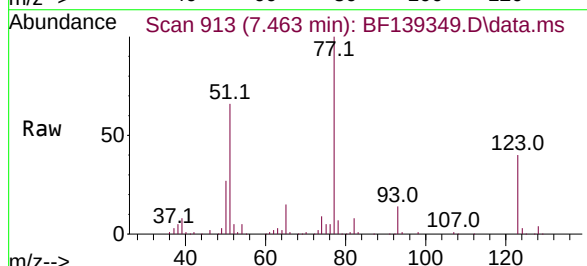
Tgt Ion: 77 Resp: 165350

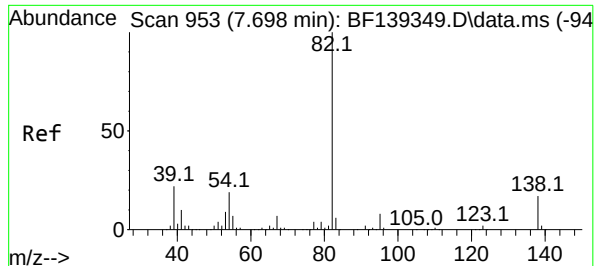
Ion Ratio Lower Upper

77 100

123 40.3 32.2 48.4

65 15.3 12.2 18.4





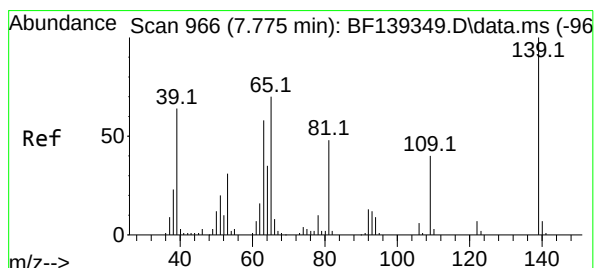
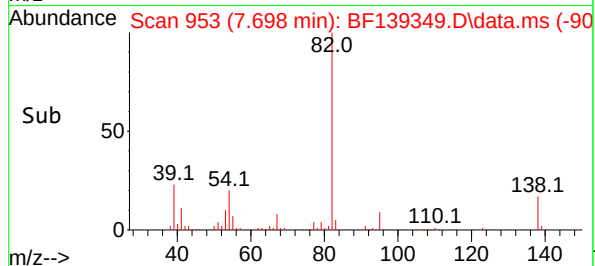
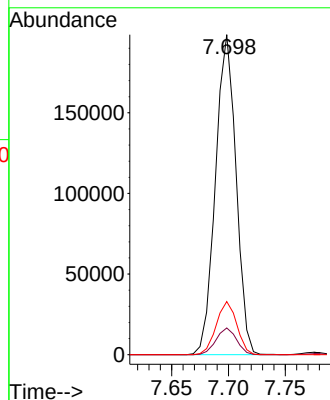
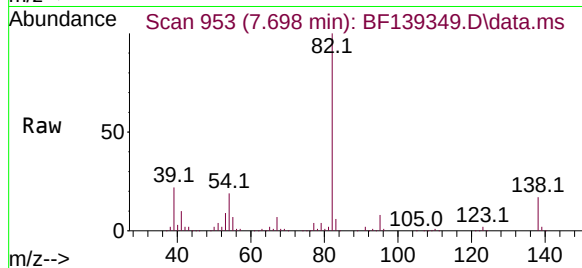
#25
Isophorone
Concen: 41.707 ng
RT: 7.698 min Scan# 915
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 25015
Ion Ratio Lower Upper
82 100
95 8.4 6.7 10.1
138 16.6 13.3 19.9

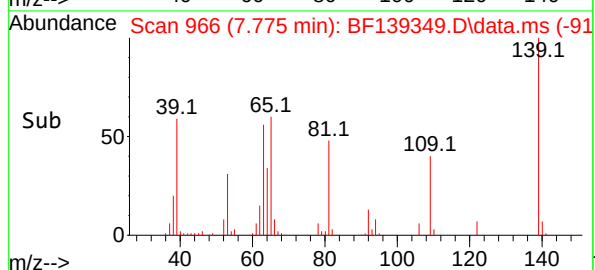
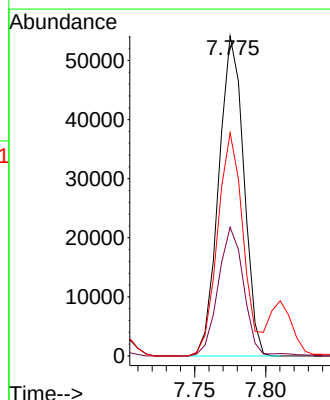
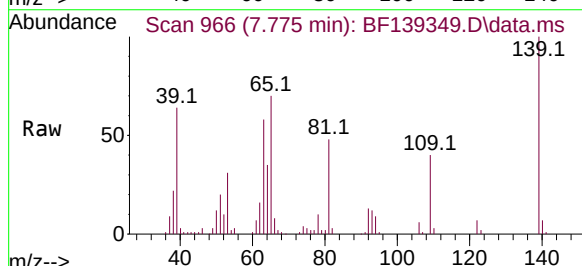
Manual Integrations
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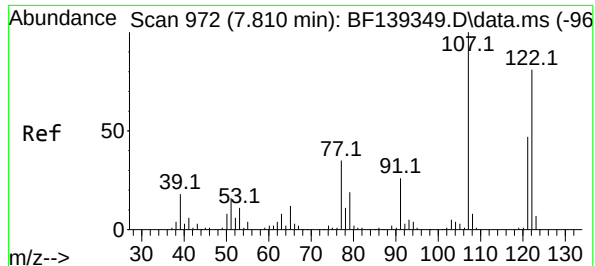
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#26
2-Nitrophenol
Concen: 45.366 ng
RT: 7.775 min Scan# 966
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:139 Resp: 66347
Ion Ratio Lower Upper
139 100
109 40.2 32.2 48.2
65 69.8 55.8 83.8





#27

2,4-Dimethylphenol

Concen: 41.208 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

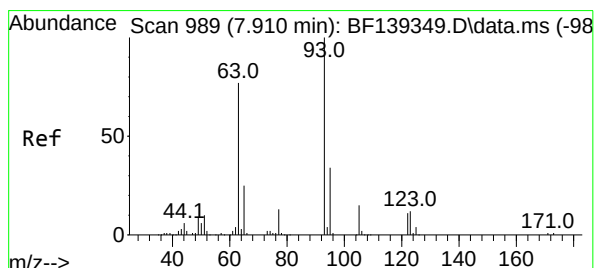
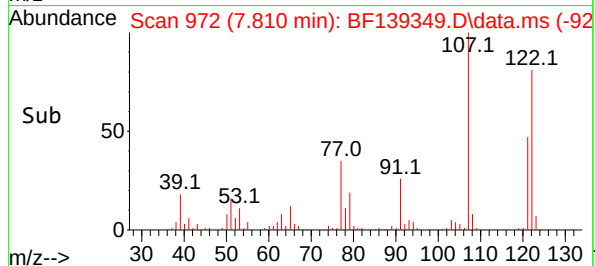
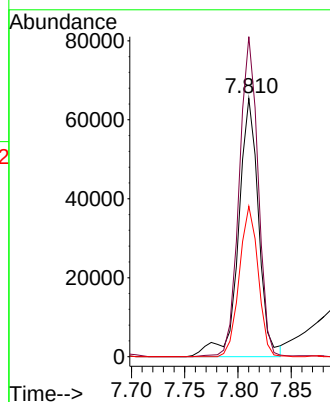
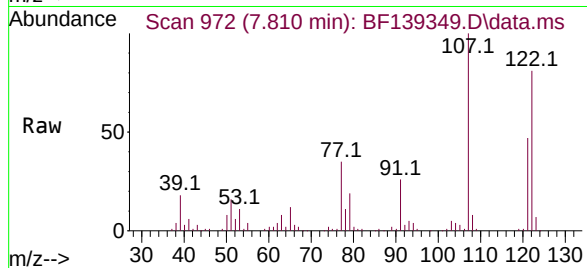
SSTDICCC040

Tgt Ion:	122	Resp:	85952
Ion	Ratio	Lower	Upper
122	100		
107	123.9	99.1	148.7
121	58.3	46.6	70.0

Manual Integrations

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Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#28

bis(2-Chloroethoxy)methane

Concen: 39.520 ng

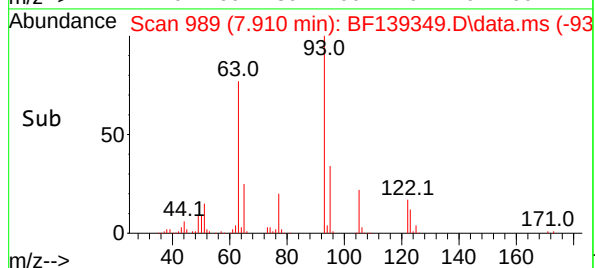
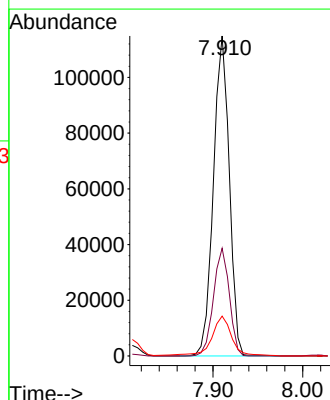
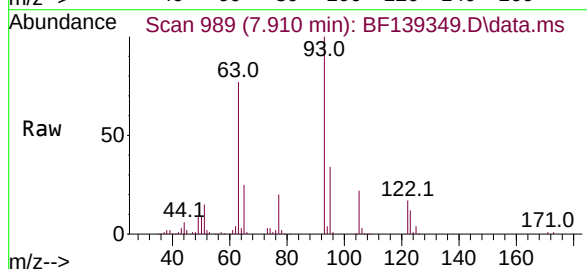
RT: 7.910 min Scan# 989

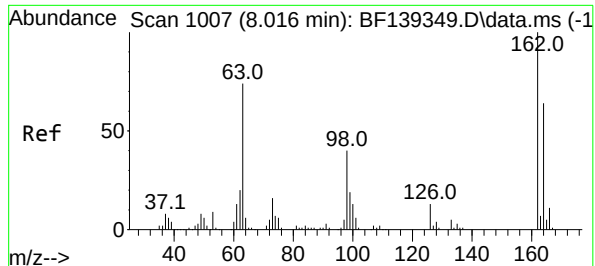
Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Tgt Ion:	93	Resp:	141226
Ion	Ratio	Lower	Upper
93	100		
95	33.6	26.9	40.3
123	12.5	10.0	15.0





#29

2,4-Dichlorophenol

Concen: 43.097 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF139349.D

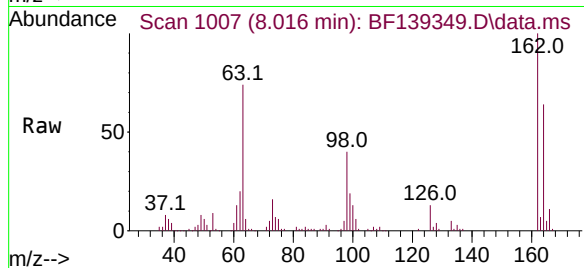
Acq: 13 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:162 Resp: 107629

Ion Ratio Lower Upper

162 100

164 63.6 43.6 83.6

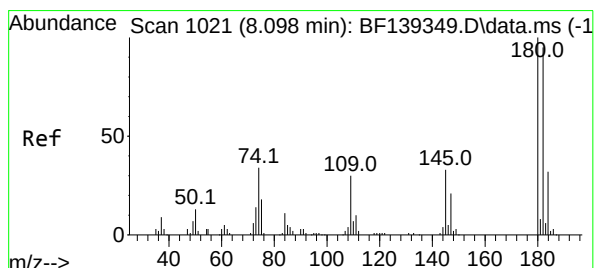
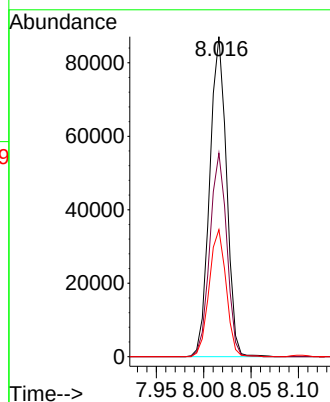
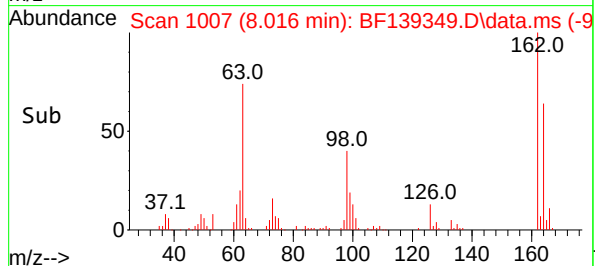
98 39.7 19.7 59.7

Manual Integrations

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Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#30

1,2,4-Trichlorobenzene

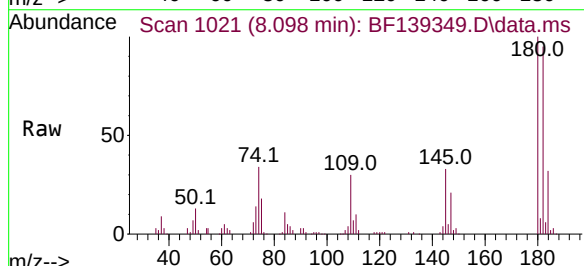
Concen: 43.628 ng

RT: 8.098 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53



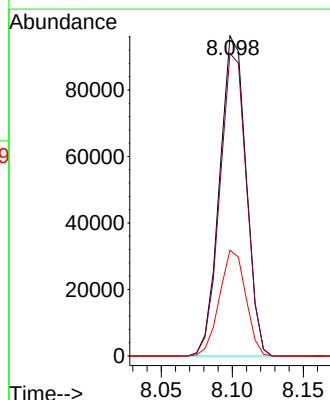
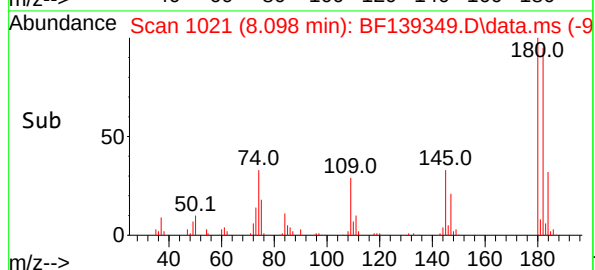
Tgt Ion:180 Resp: 124438

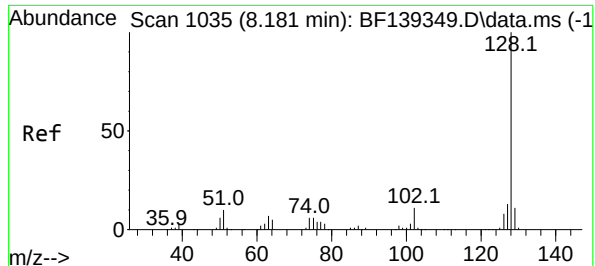
Ion Ratio Lower Upper

180 100

182 94.6 75.7 113.5

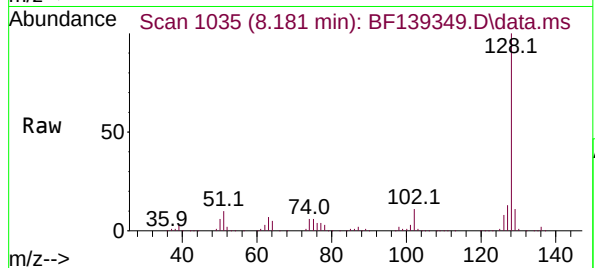
145 33.1 26.5 39.7





#31
Naphthalene
Concen: 42.255 ng
RT: 8.181 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

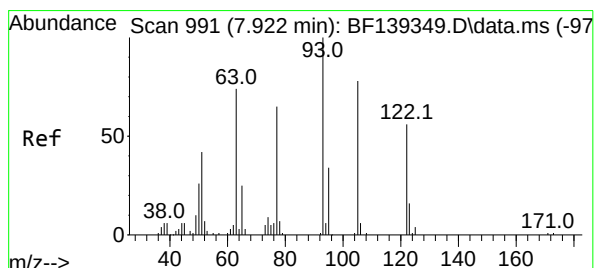
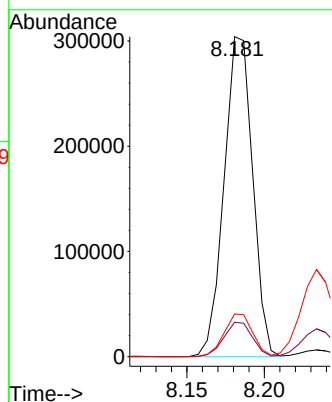
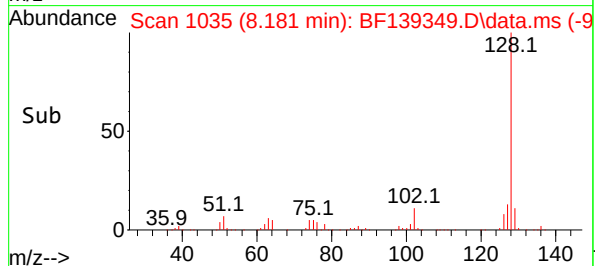
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:128 Resp: 390544
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.3 10.6 16.0

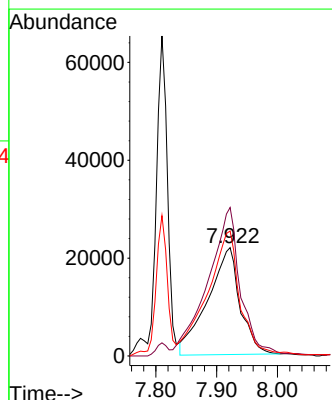
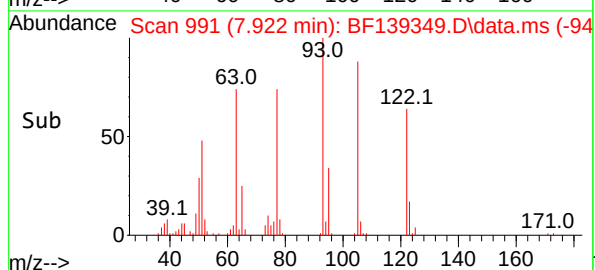
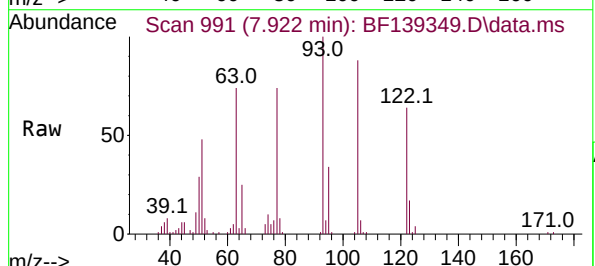
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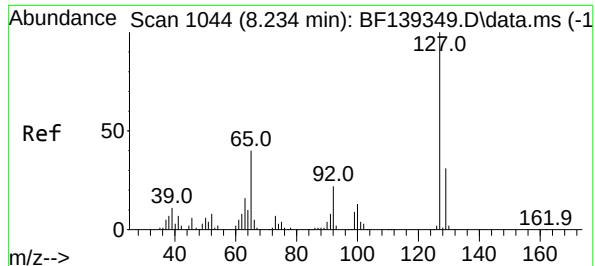
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#32
Benzoic acid
Concen: 42.284 ng
RT: 7.922 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:122 Resp: 80333
Ion Ratio Lower Upper
122 100
105 137.1 117.1 157.1
77 115.4 95.4 135.4





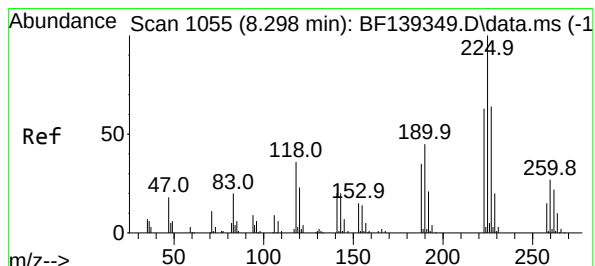
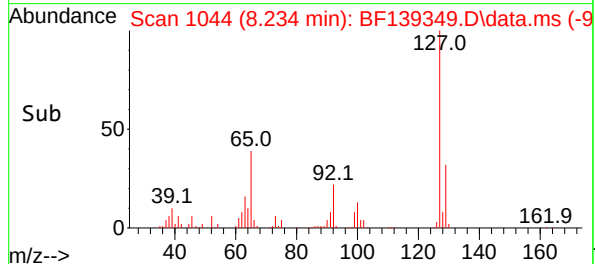
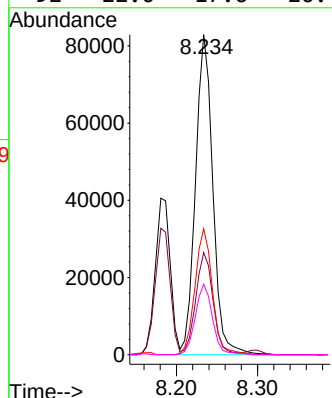
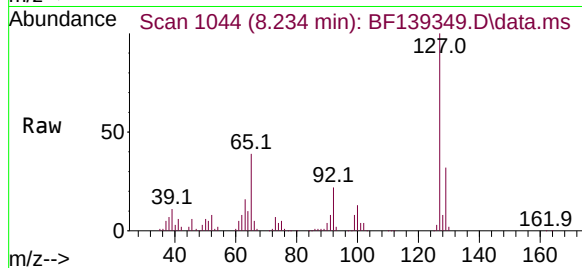
#33
4-Chloroaniline
Concen: 38.476 ng
RT: 8.234 min Scan# 1044
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.5	38.3
65	39.4	31.5	47.3
92	22.0	17.6	26.4

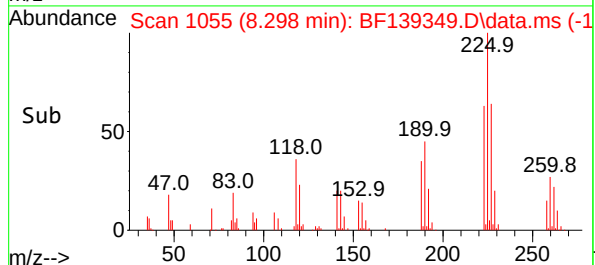
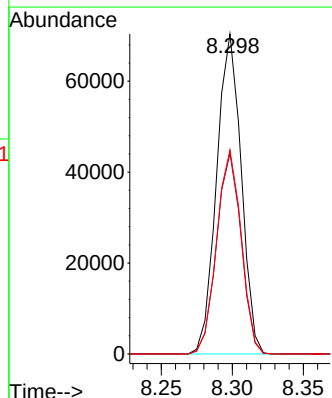
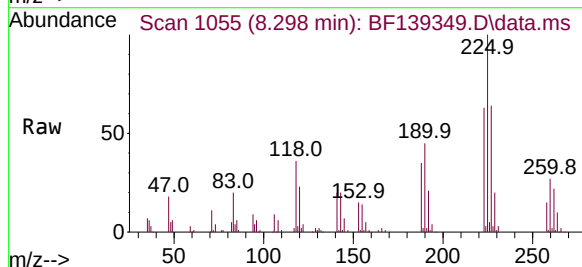
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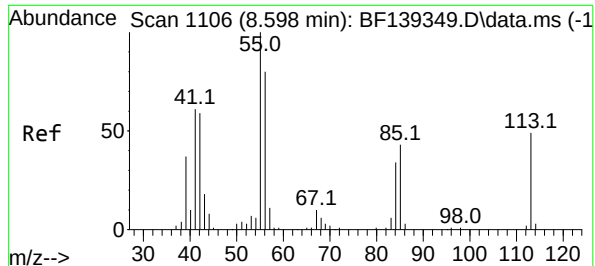
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#34
Hexachlorobutadiene
Concen: 46.820 ng
RT: 8.298 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.1	75.1
227	63.8	51.0	76.6





#35

Caprolactam

Concen: 44.115 ng

RT: 8.598 min Scan# 1106

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:113 Resp: 3410

Ion Ratio Lower Upper

113 100

55 206.1 186.1 226.1

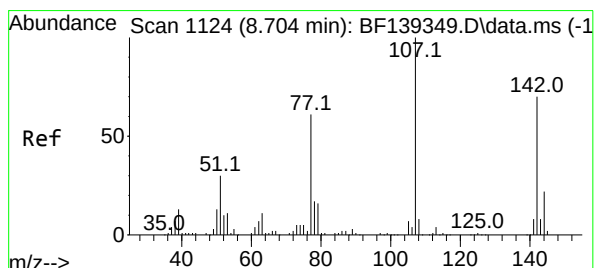
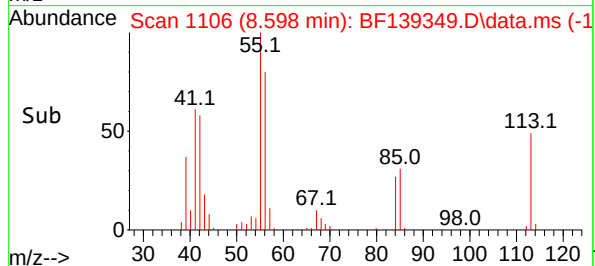
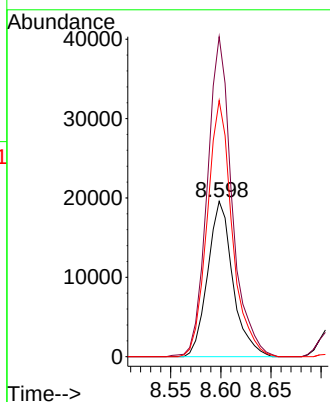
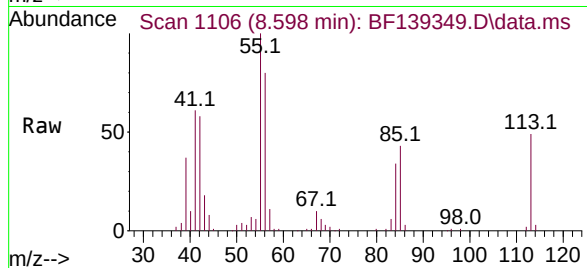
56 164.9 144.9 184.9

Manual Integrations

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Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#36

4-Chloro-3-methylphenol

Concen: 45.688 ng

RT: 8.704 min Scan# 1124

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

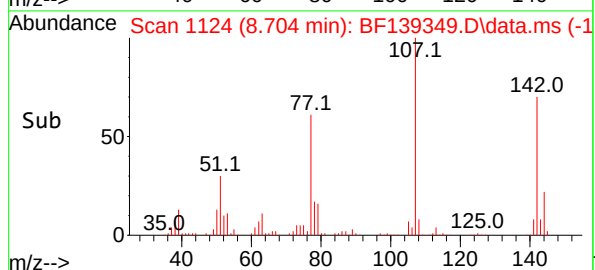
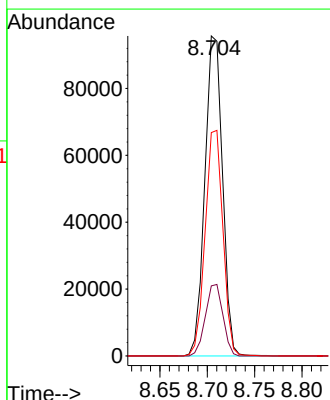
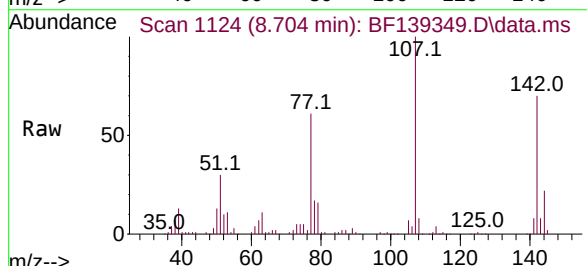
Tgt Ion:107 Resp: 124337

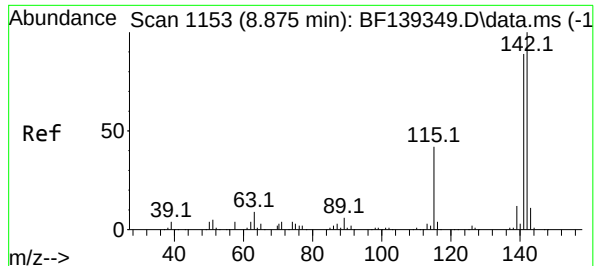
Ion Ratio Lower Upper

107 100

144 21.9 17.5 26.3

142 69.8 55.8 83.8





#37

2-Methylnaphthalene

Concen: 42.953 ng

RT: 8.875 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:142 Resp: 248380

Ion Ratio Lower Upper

142 100

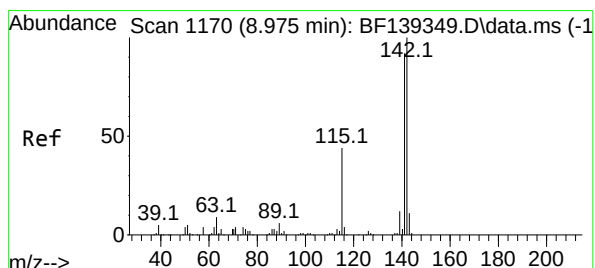
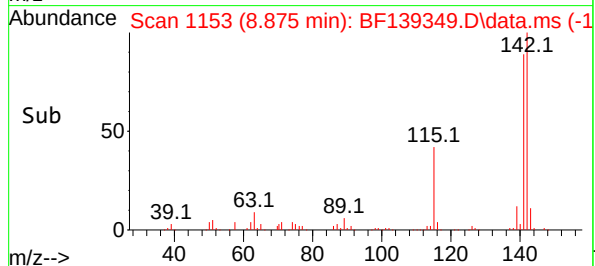
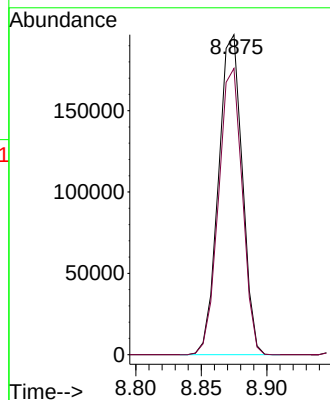
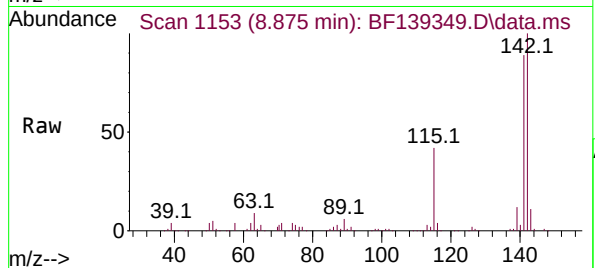
141 89.5 71.6 107.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#38

1-Methylnaphthalene

Concen: 42.469 ng

RT: 8.975 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF139349.D

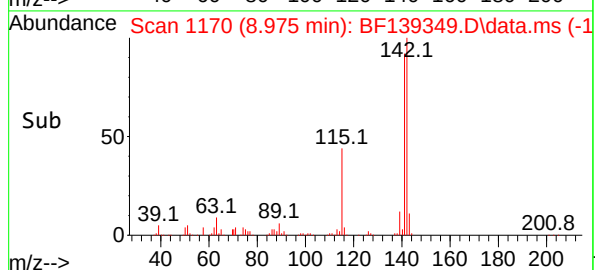
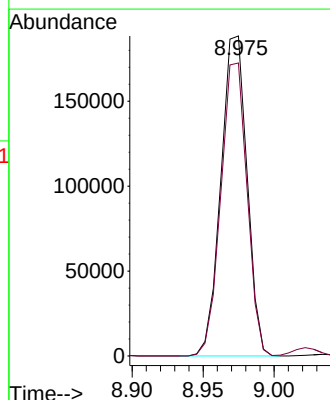
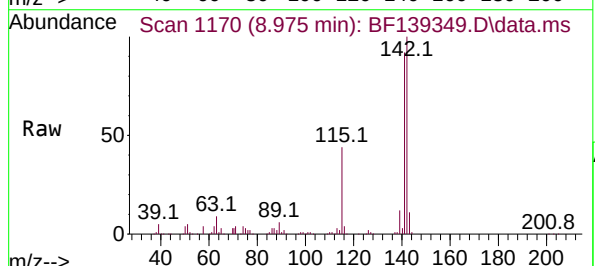
Acq: 13 Sep 2024 16:53

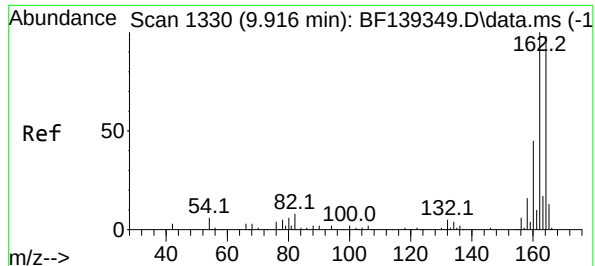
Tgt Ion:142 Resp: 241525

Ion Ratio Lower Upper

142 100

141 91.5 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF139349.D

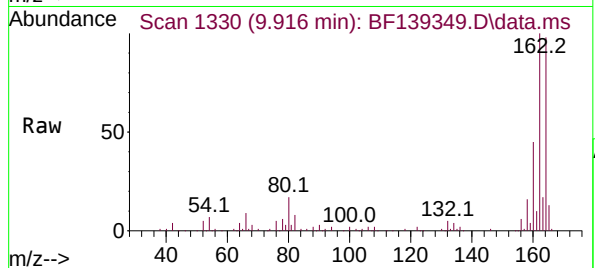
Acq: 13 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:164 Resp: 9870

Ion Ratio Lower Upper

164 100

162 101.6 81.3 121.9

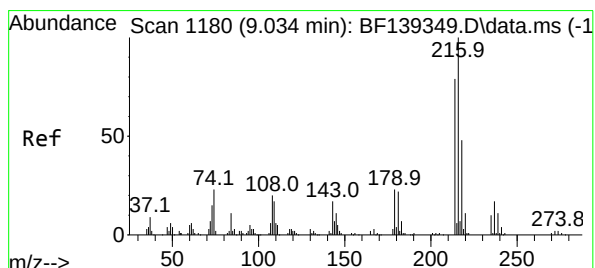
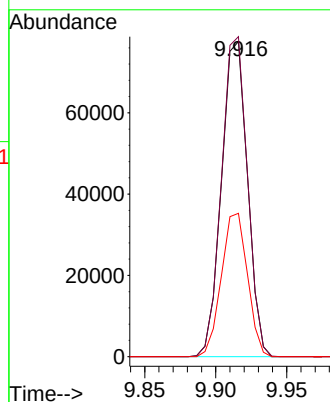
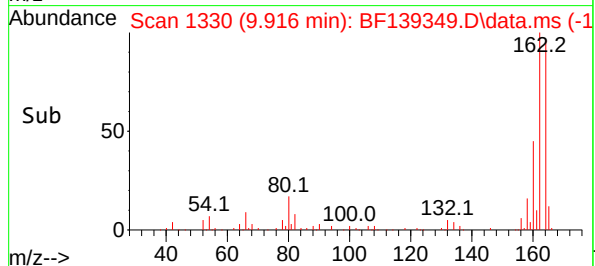
160 45.5 36.4 54.6

Manual Integrations

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Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#40

1,2,4,5-Tetrachlorobenzene

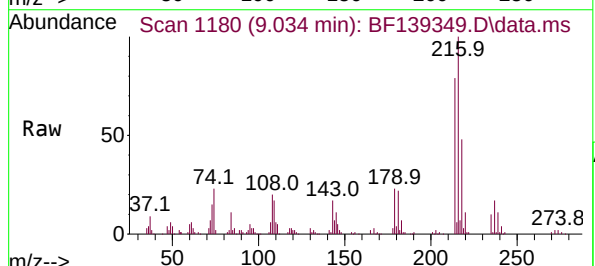
Concen: 43.724 ng

RT: 9.034 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53



Tgt Ion:216 Resp: 122103

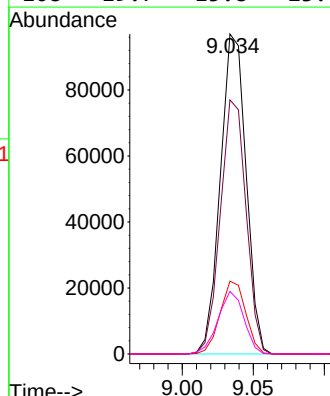
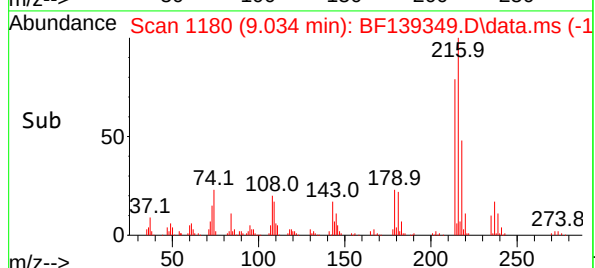
Ion Ratio Lower Upper

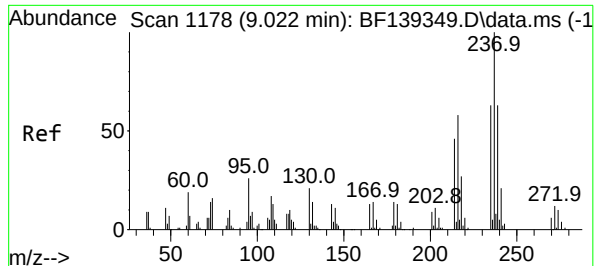
216 100

214 79.2 63.4 95.0

179 22.7 18.2 27.2

108 19.7 15.8 23.6





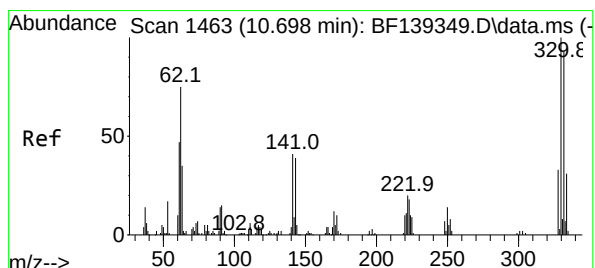
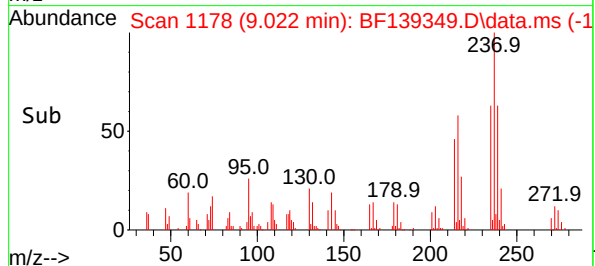
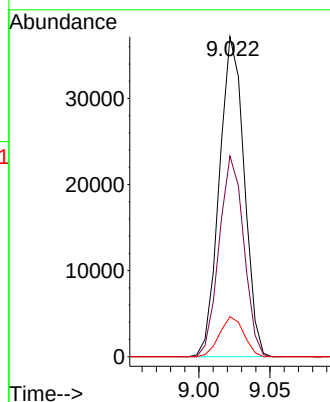
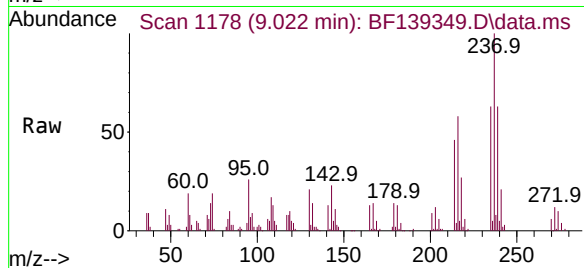
#41
Hexachlorocyclopentadiene
Concen: 50.294 ng
RT: 9.022 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:237 Resp: 4513
Ion Ratio Lower Upper
237 100
235 62.7 42.7 82.7
272 12.5 0.0 32.5

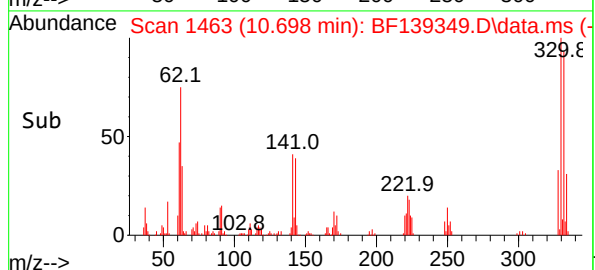
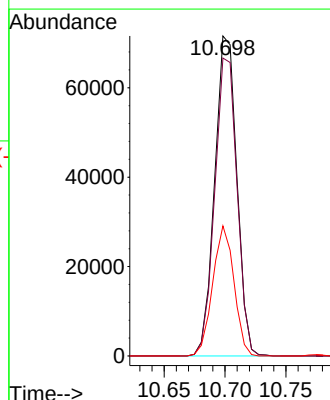
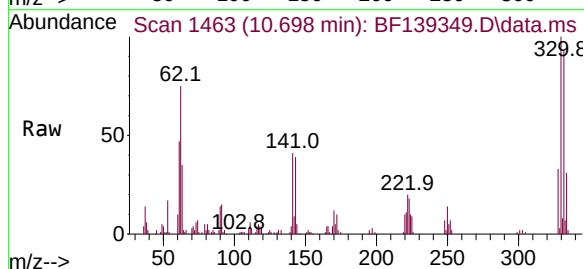
Manual Integrations
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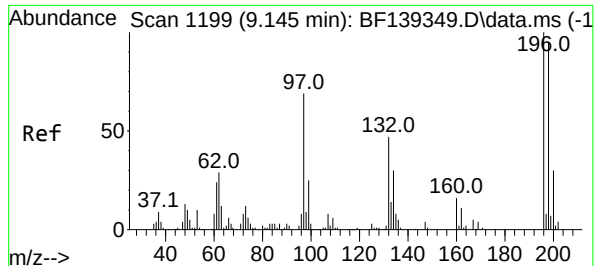
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#42
2,4,6-Tribromophenol
Concen: 106.232 ng
RT: 10.698 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:330 Resp: 90543
Ion Ratio Lower Upper
330 100
332 94.0 75.2 112.8
141 39.0 31.2 46.8





#43

2,4,6-Trichlorophenol

Concen: 45.538 ng

RT: 9.145 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF139349.D

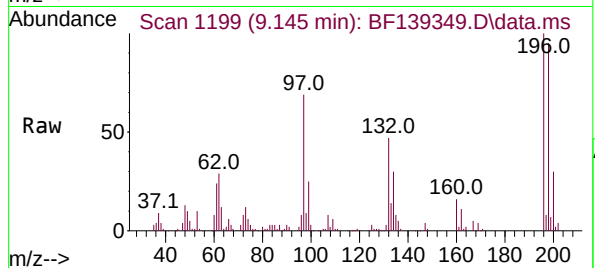
Acq: 13 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:196 Resp: 83204

Ion Ratio Lower Upper

196 100

198 94.7 75.8 113.6

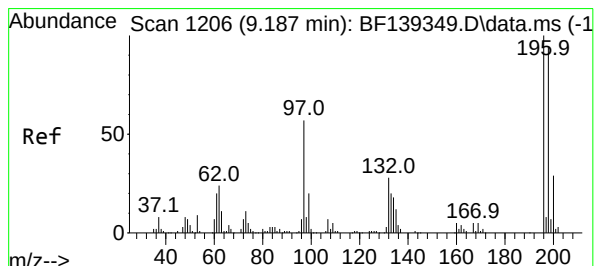
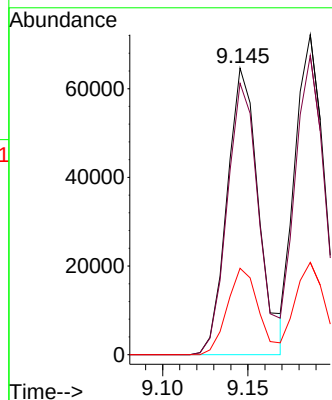
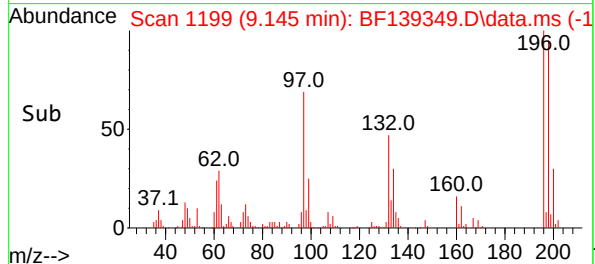
200 30.1 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#44

2,4,5-Trichlorophenol

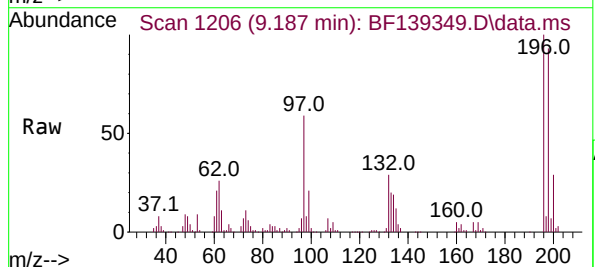
Concen: 44.767 ng

RT: 9.187 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53



Tgt Ion:196 Resp: 85716

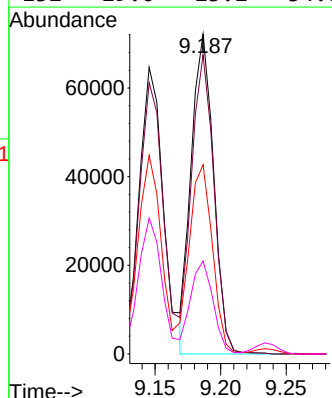
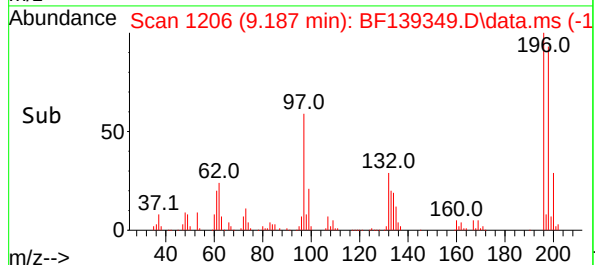
Ion Ratio Lower Upper

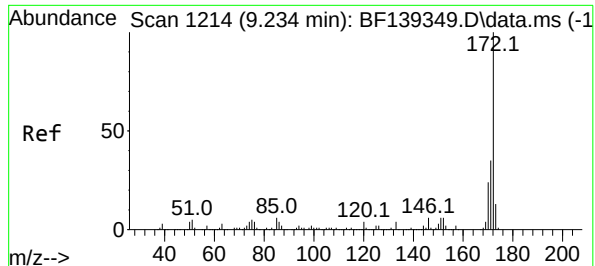
196 100

198 93.5 74.8 112.2

97 59.1 47.3 70.9

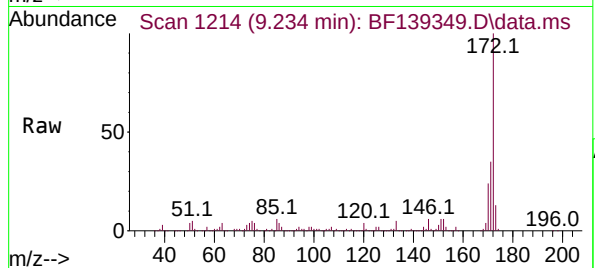
132 29.0 23.2 34.8





#45
2-Fluorobiphenyl
Concen: 92.034 ng
RT: 9.234 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

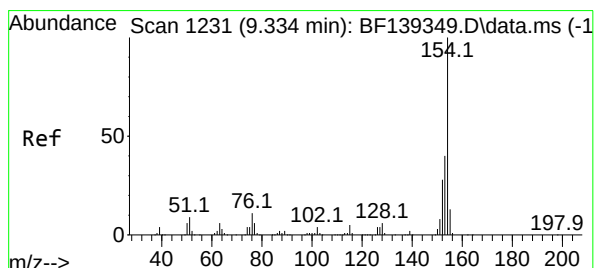
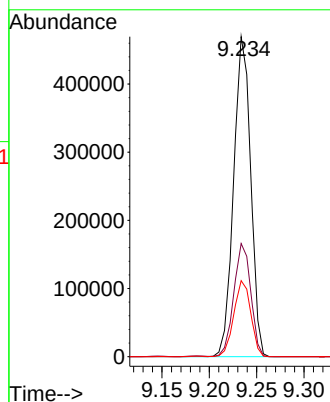
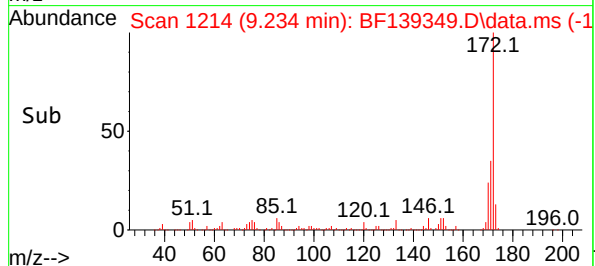
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:172 Resp: 588478
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.8 19.0 28.6

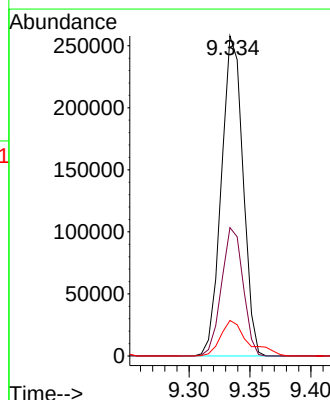
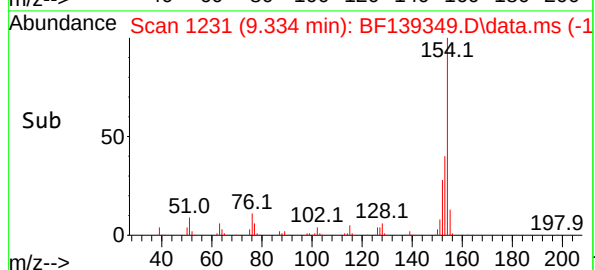
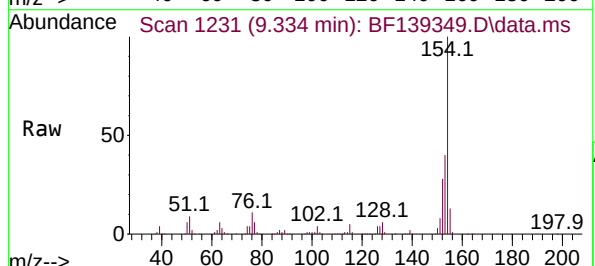
Manual Integrations
APPROVED

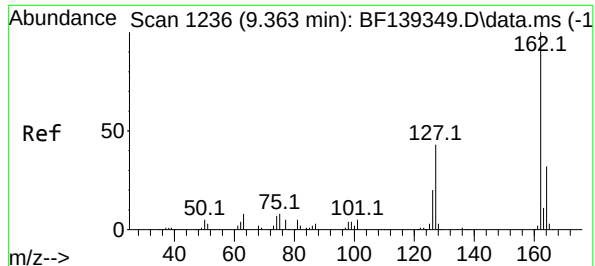
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#46
1,1'-Biphenyl
Concen: 43.531 ng
RT: 9.334 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:154 Resp: 318340
Ion Ratio Lower Upper
154 100
153 40.1 20.1 60.1
76 11.1 0.0 31.1





#47

2-Chloronaphthalene

Concen: 43.438 ng

RT: 9.363 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF139349.D

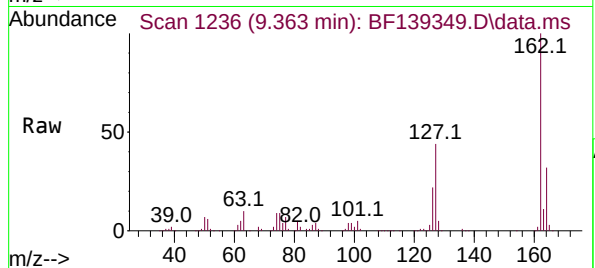
Acq: 13 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:162 Resp: 239859

Ion Ratio Lower Upper

162 100

127 43.7 35.0 52.4

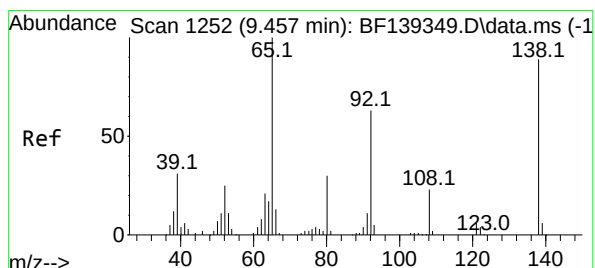
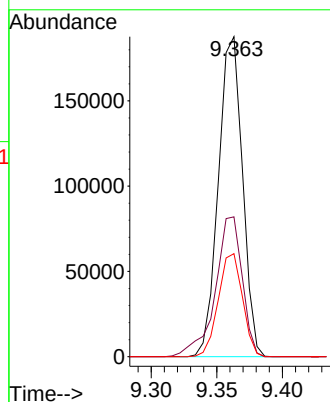
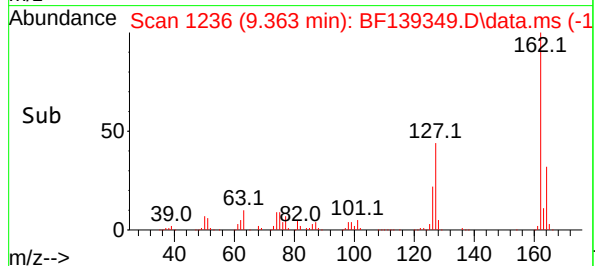
164 32.2 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#48

2-Nitroaniline

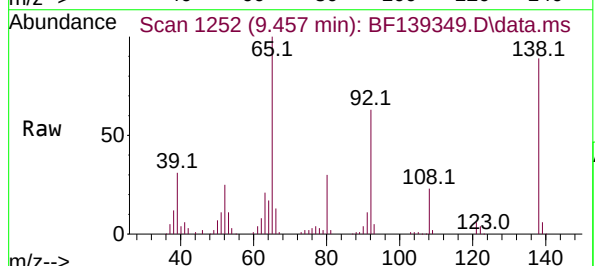
Concen: 47.281 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53



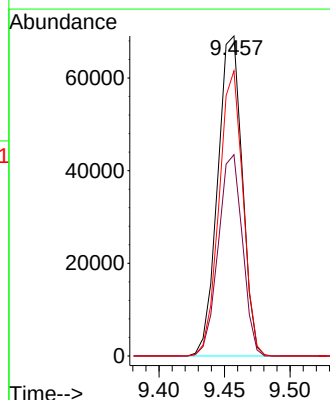
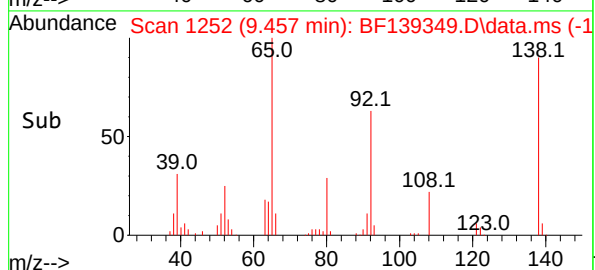
Tgt Ion: 65 Resp: 89926

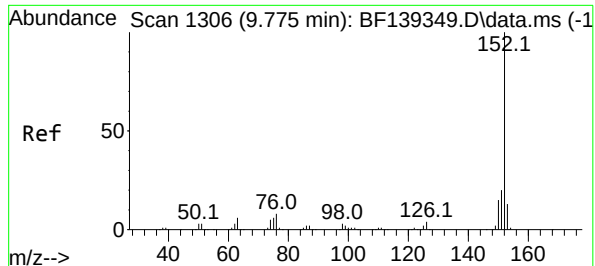
Ion Ratio Lower Upper

65 100

92 62.9 50.3 75.5

138 89.1 71.3 106.9





#49

Acenaphthylene

Concen: 43.067 ng

RT: 9.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:152 Resp: 35818

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

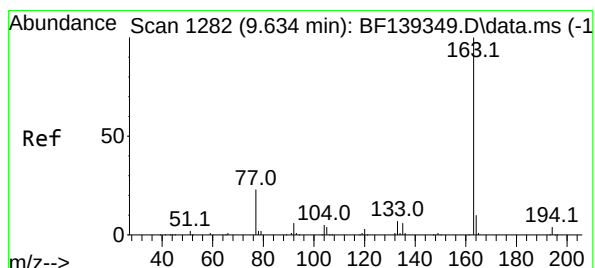
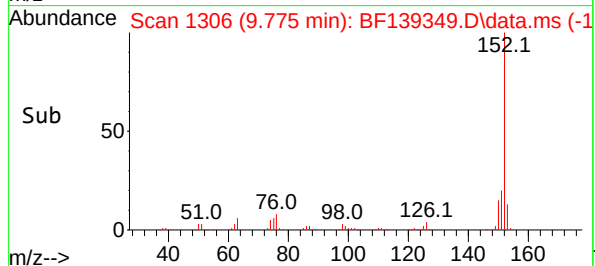
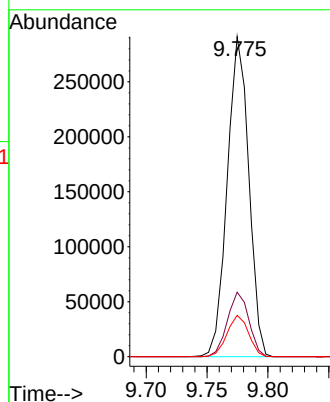
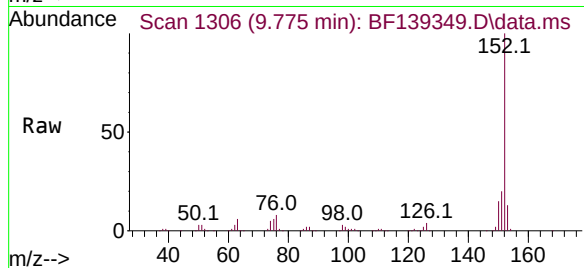
153 12.9 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#50

Dimethylphthalate

Concen: 45.599 ng

RT: 9.634 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

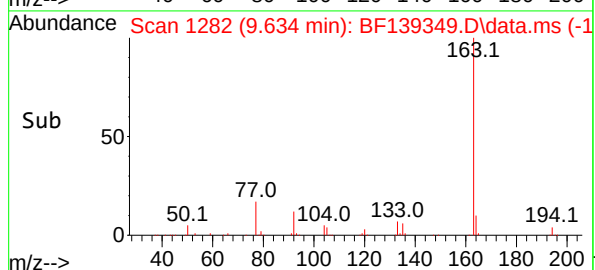
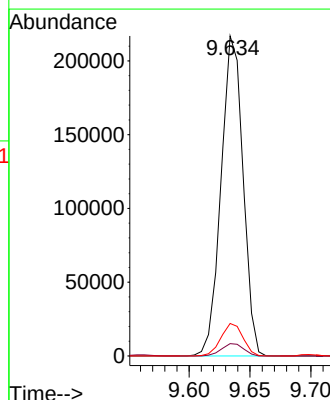
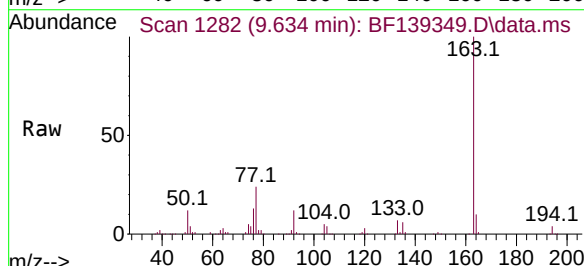
Tgt Ion:163 Resp: 272789

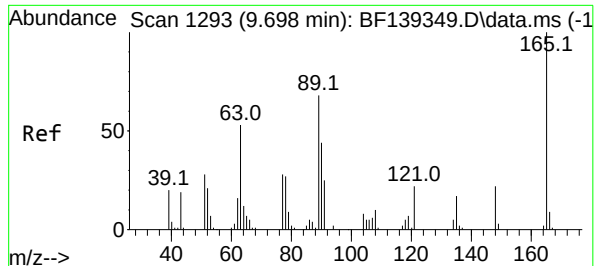
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

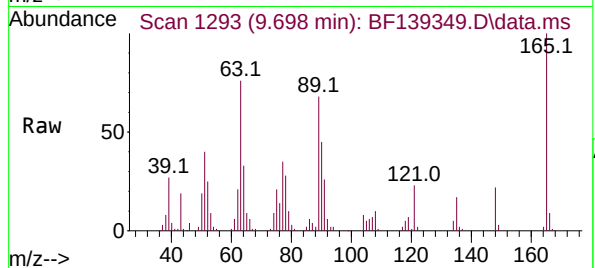
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 45.483 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

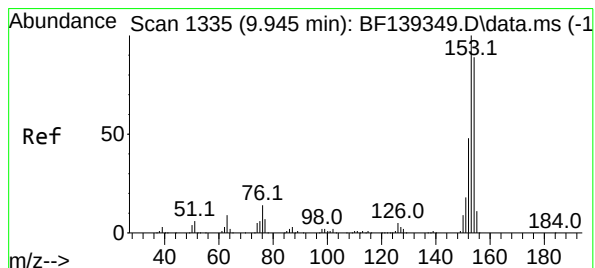
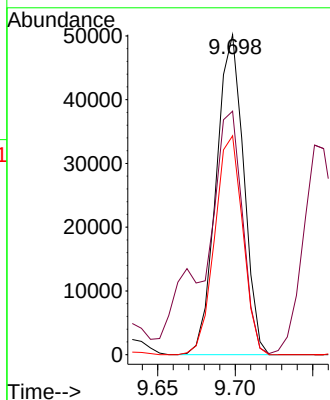
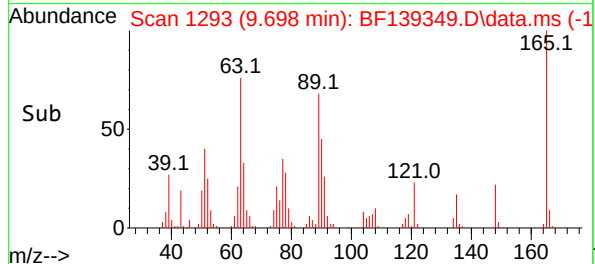
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:165 Resp: 61729
Ion Ratio Lower Upper
165 100
63 76.1 60.9 91.3
89 68.4 54.7 82.1

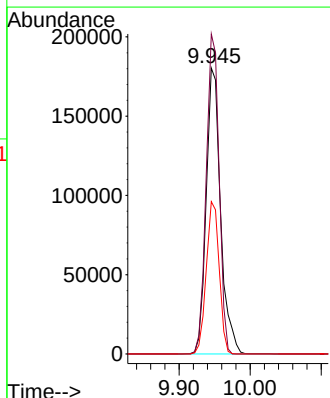
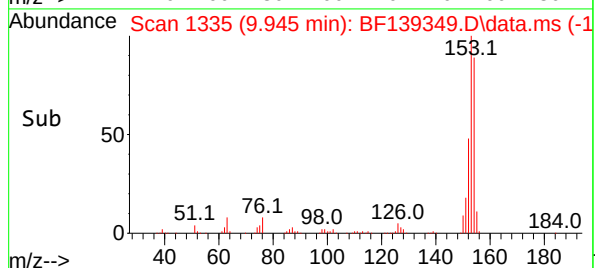
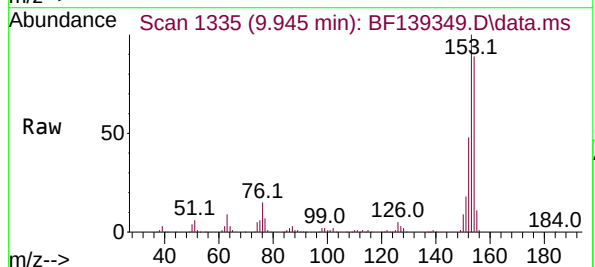
Manual Integrations
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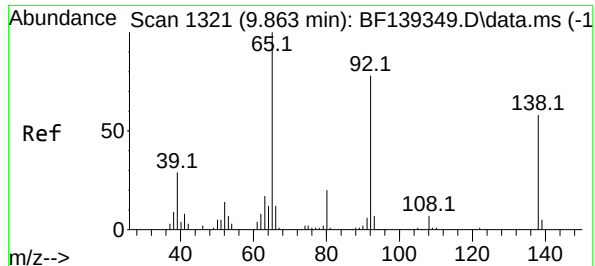
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#52
Acenaphthene
Concen: 46.146 ng
RT: 9.945 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

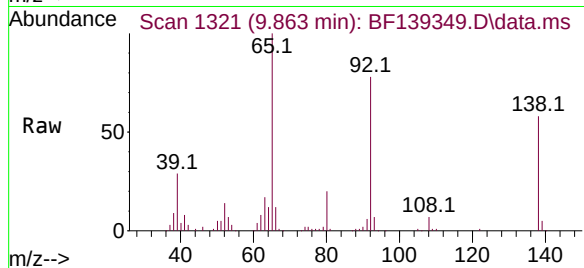
Tgt Ion:154 Resp: 254549
Ion Ratio Lower Upper
154 100
153 111.9 89.5 134.3
152 53.3 42.6 64.0





#53
3-Nitroaniline
Concen: 43.492 ng
RT: 9.863 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

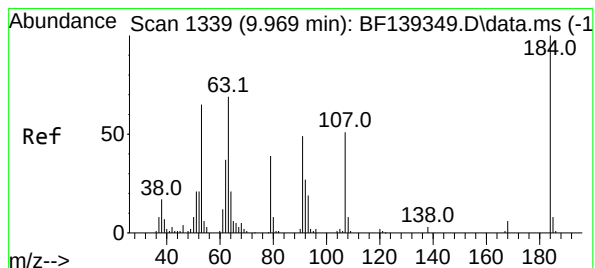
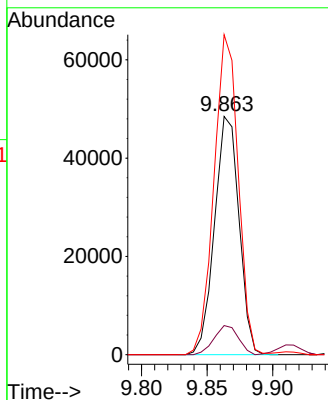
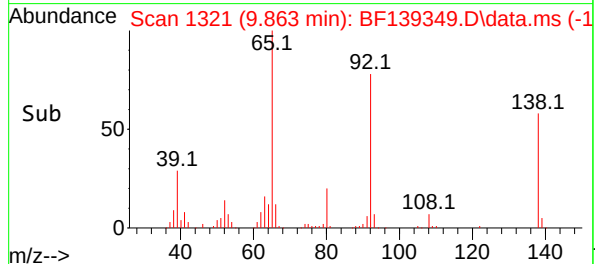
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:138 Resp: 62889
Ion Ratio Lower Upper
138 100
108 12.3 9.8 14.8
92 134.3 107.4 161.2

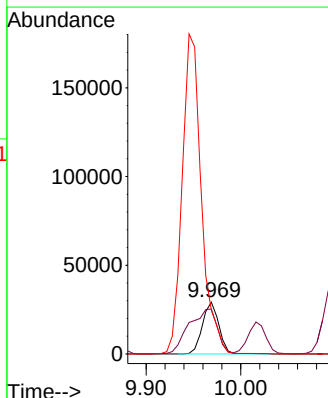
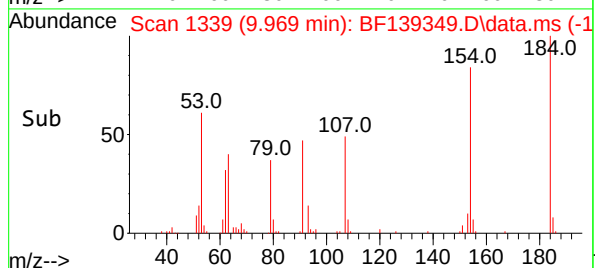
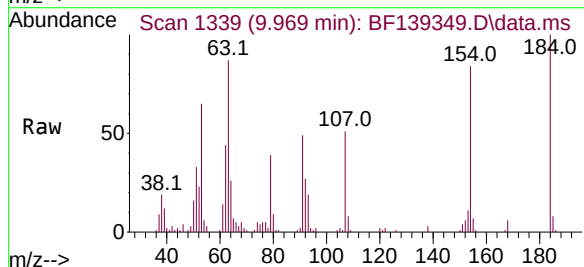
Manual Integrations
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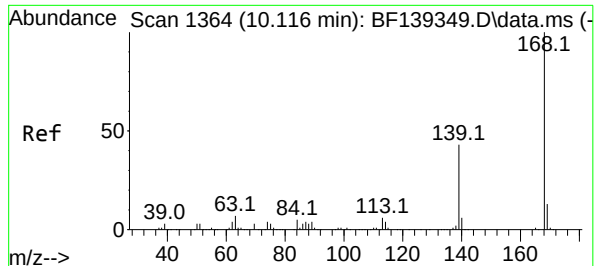
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#54
2,4-Dinitrophenol
Concen: 60.625 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

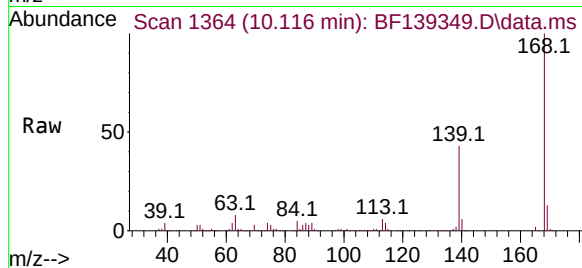
Tgt Ion:184 Resp: 35233
Ion Ratio Lower Upper
184 100
63 86.6 69.3 103.9
154 84.4 67.5 101.3





#55
Dibenzenofuran
Concen: 44.435 ng
RT: 10.116 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

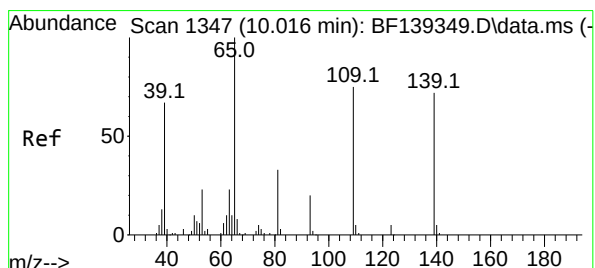
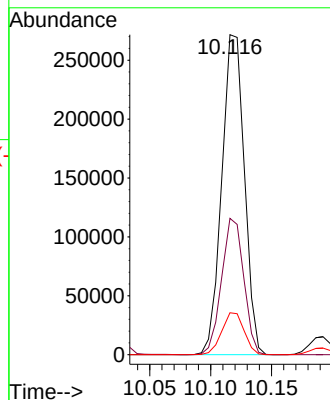
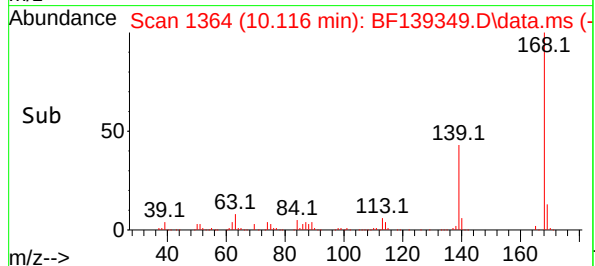
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:168 Resp: 351419
Ion Ratio Lower Upper
168 100
139 42.6 34.1 51.1
169 13.1 10.5 15.7

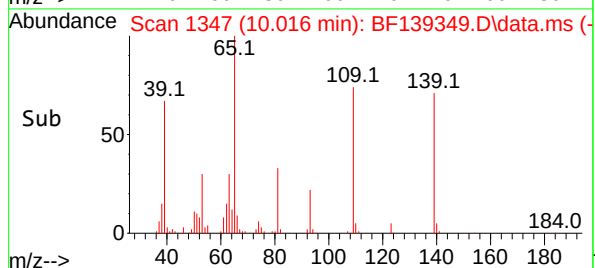
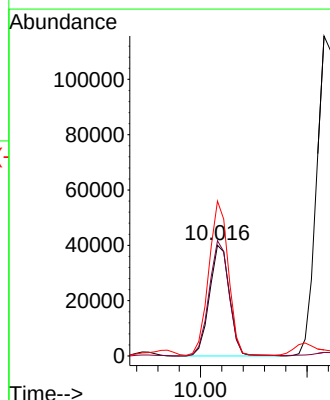
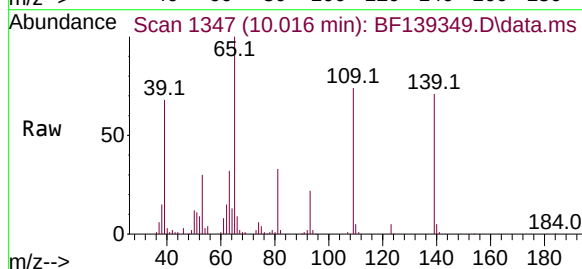
Manual Integrations
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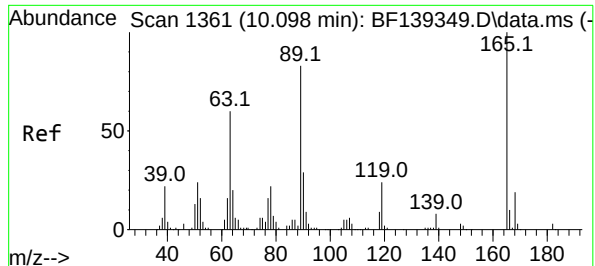
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#56
4-Nitrophenol
Concen: 48.904 ng
RT: 10.016 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

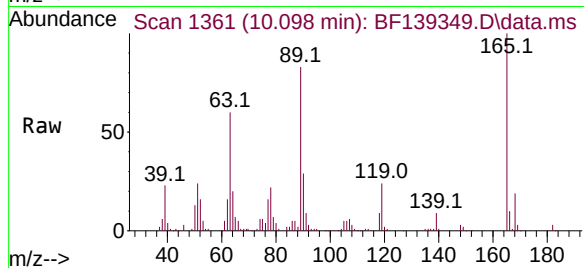
Tgt Ion:139 Resp: 52194
Ion Ratio Lower Upper
139 100
109 104.1 84.1 124.1
65 140.0 120.0 160.0





#57
2,4-Dinitrotoluene
Concen: 49.629 ng
RT: 10.098 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

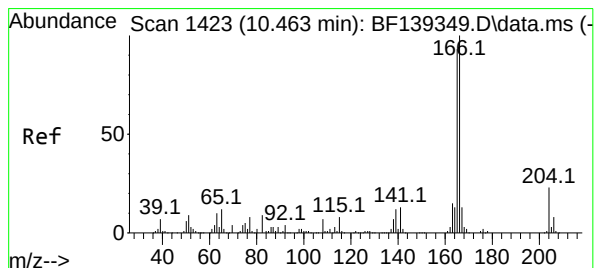
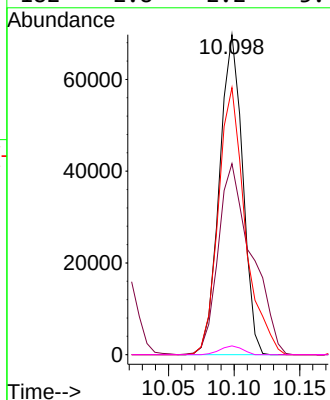
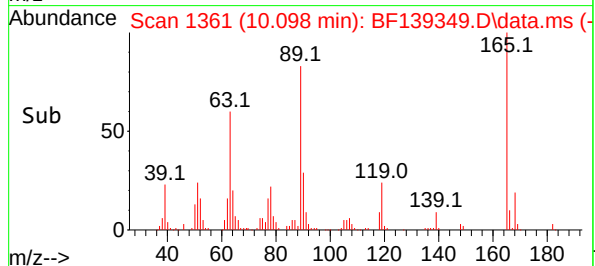
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:165 Resp: 85730
Ion Ratio Lower Upper
165 100
63 59.7 47.8 71.6
89 83.4 66.7 100.1
182 2.8 2.2 3.4

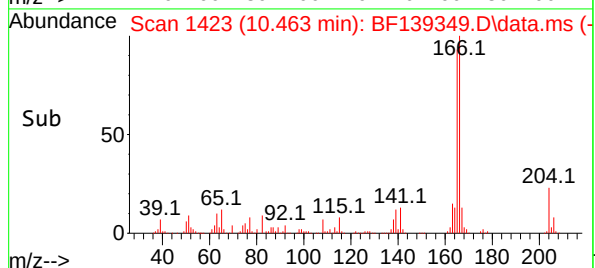
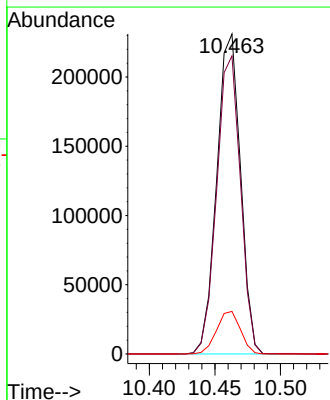
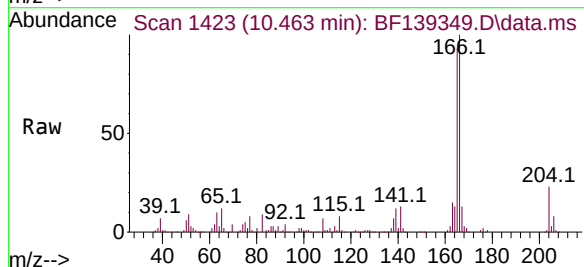
Manual Integrations
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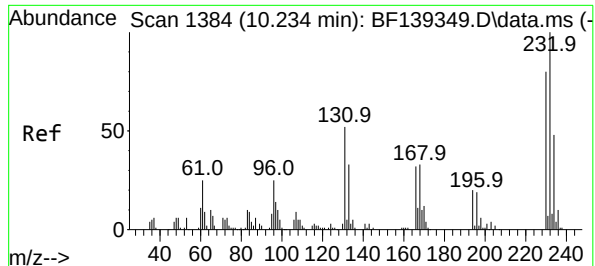
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#58
Fluorene
Concen: 47.395 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

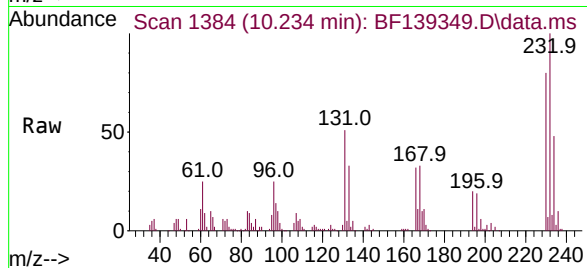
Tgt Ion:166 Resp: 290609
Ion Ratio Lower Upper
166 100
165 93.1 74.5 111.7
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.051 ng
RT: 10.234 min Scan# 1384
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

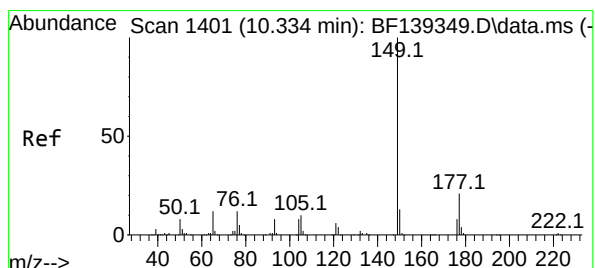
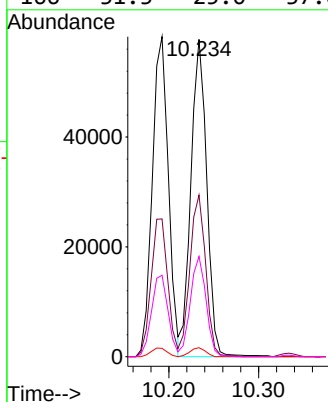
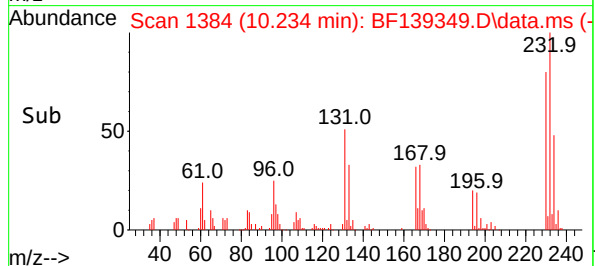
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:232 Resp: 70914
Ion Ratio Lower Upper
232 100
131 50.9 40.7 61.1
130 2.7 2.2 3.2
166 31.3 25.0 37.6

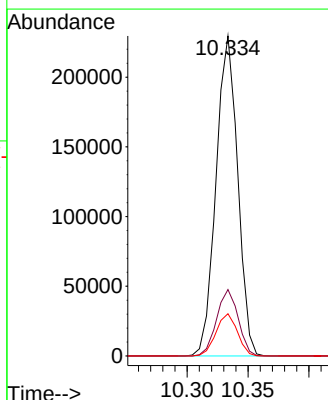
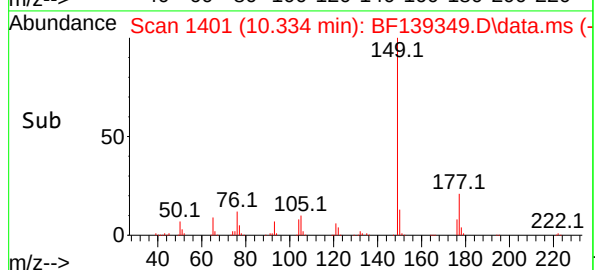
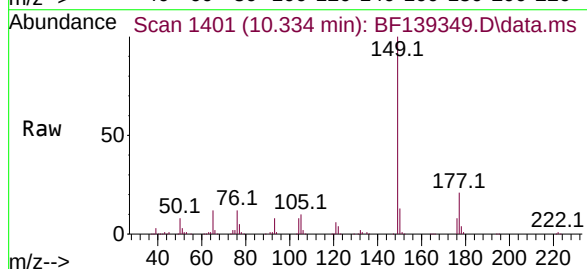
Manual Integrations
APPROVED

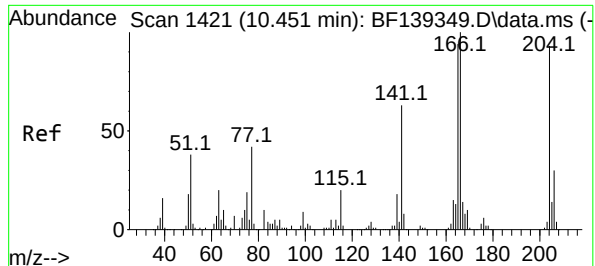
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#60
Diethylphthalate
Concen: 48.283 ng
RT: 10.334 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:149 Resp: 284254
Ion Ratio Lower Upper
149 100
177 20.7 16.6 24.8
150 13.2 10.6 15.8





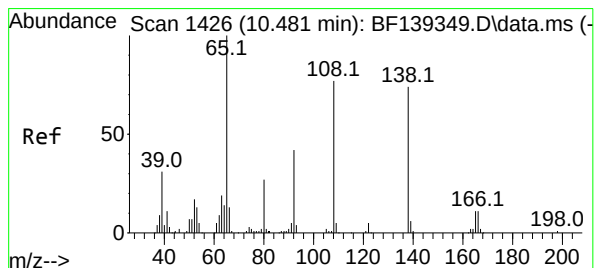
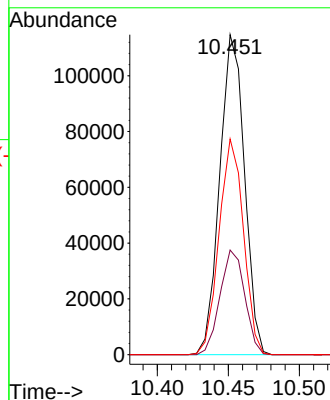
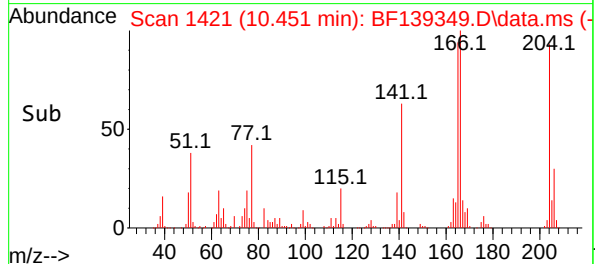
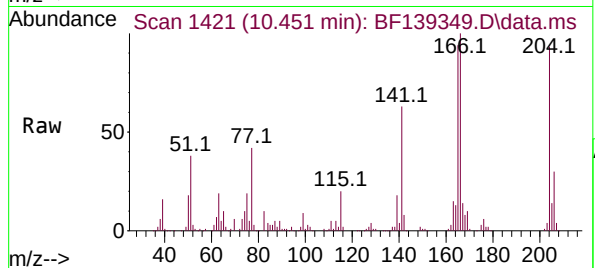
#61
4-Chlorophenyl-phenylether
Concen: 47.037 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:204 Resp: 139089
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 67.4 53.9 80.9

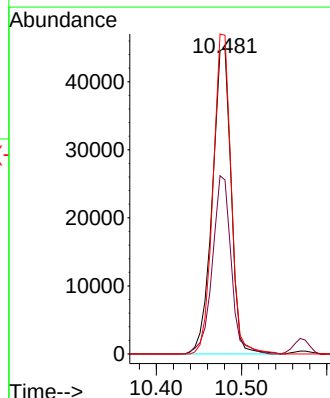
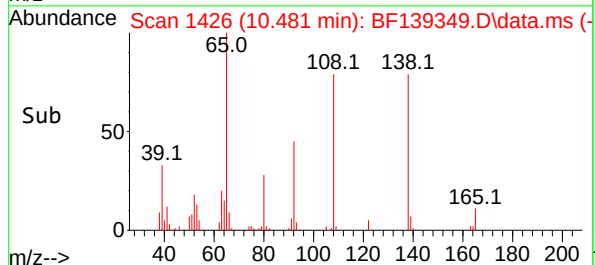
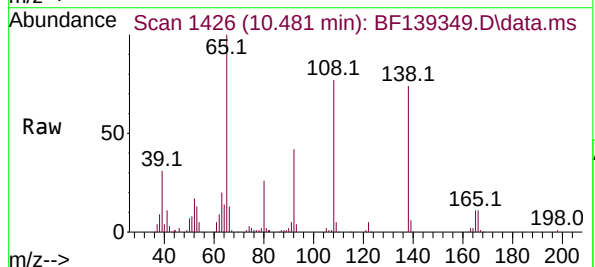
Manual Integrations
APPROVED

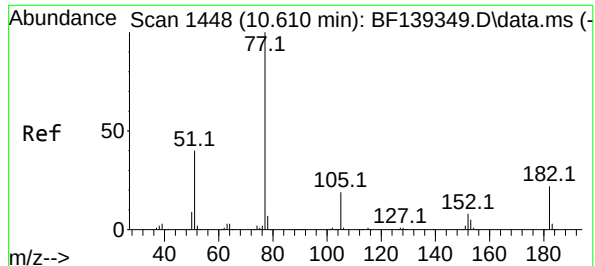
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#62
4-Nitroaniline
Concen: 49.885 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

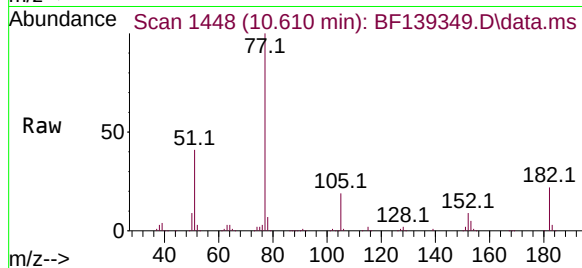
Tgt Ion:138 Resp: 68663
Ion Ratio Lower Upper
138 100
92 57.0 37.0 77.0
108 104.4 84.4 124.4





#63
Azobenzene
Concen: 45.262 ng
RT: 10.610 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

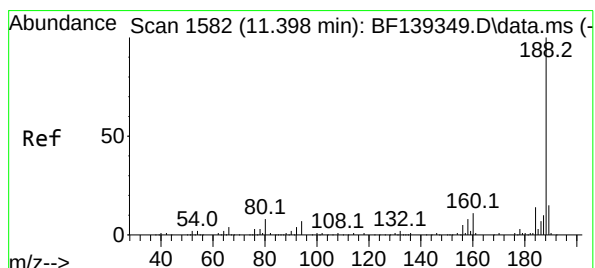
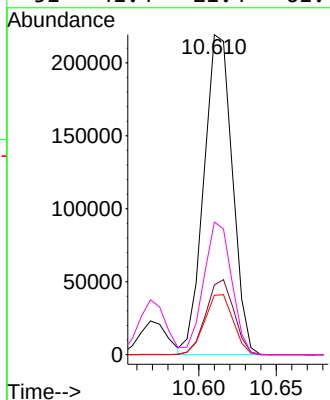
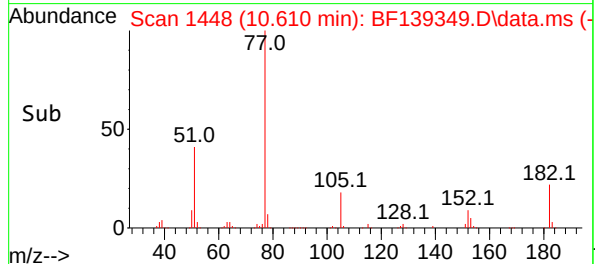
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



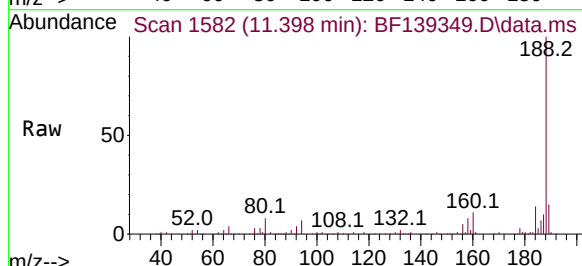
Tgt Ion: 77 Resp: 280849
Ion Ratio Lower Upper
77 100
182 21.8 1.8 41.8
105 18.6 0.0 38.6
51 41.4 21.4 61.4

Manual Integrations
APPROVED

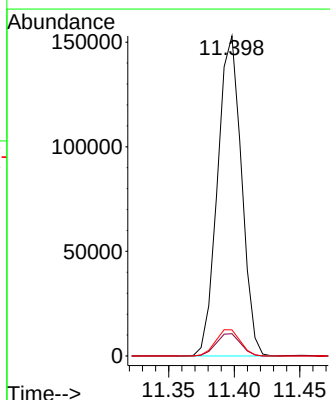
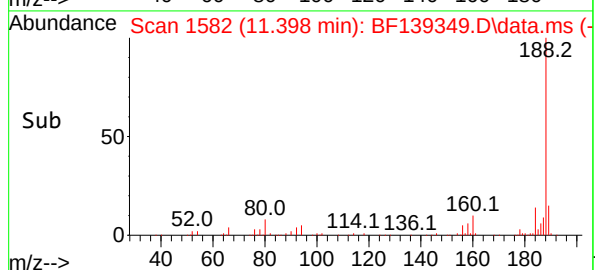
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

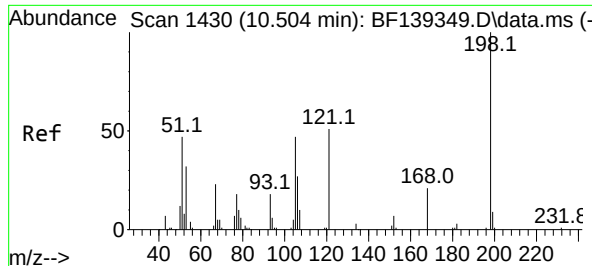


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53



Tgt Ion:188 Resp: 194097
Ion Ratio Lower Upper
188 100
94 6.9 5.5 8.3
80 8.2 6.6 9.8





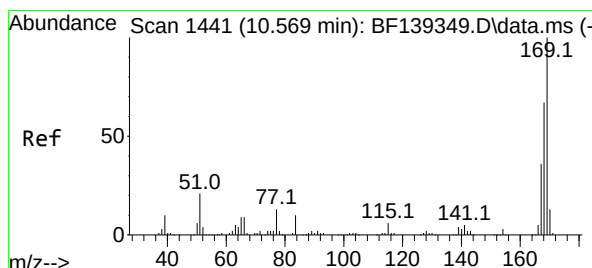
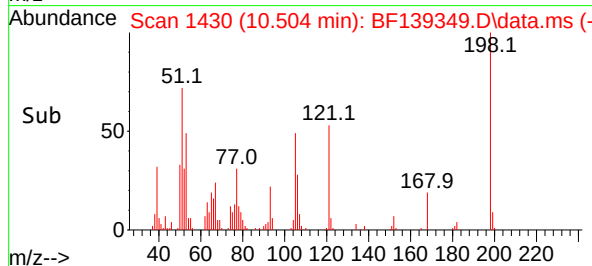
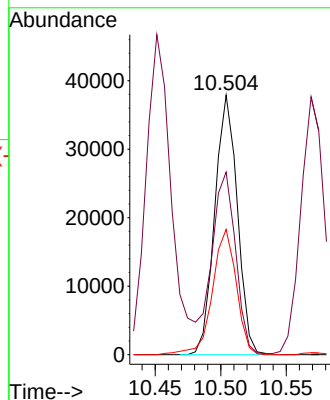
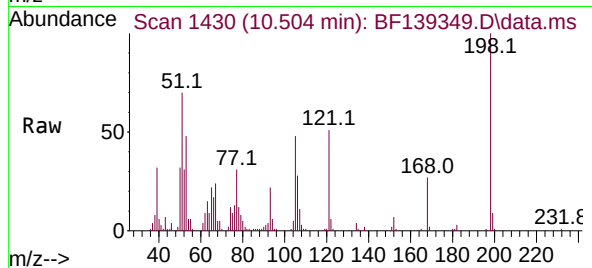
#65
4,6-Dinitro-2-methylphenol
Concen: 50.489 ng
RT: 10.504 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 4528
Ion Ratio Lower Upper
198 100
51 70.4 50.4 90.4
105 48.3 28.3 68.3

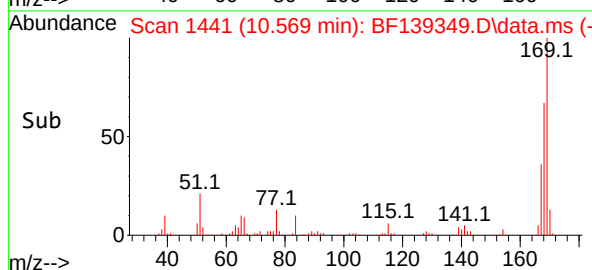
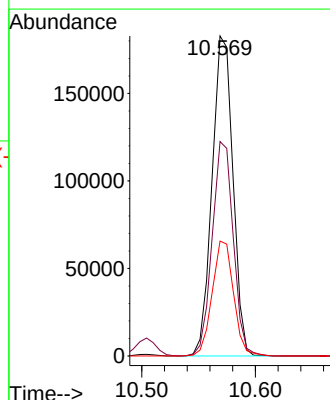
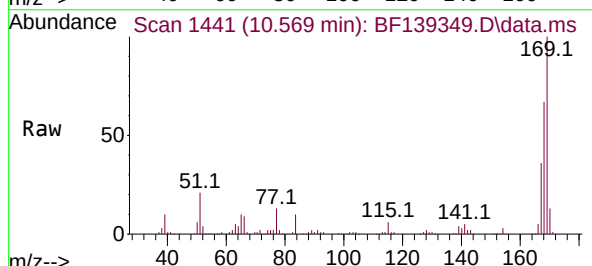
Manual Integrations
APPROVED

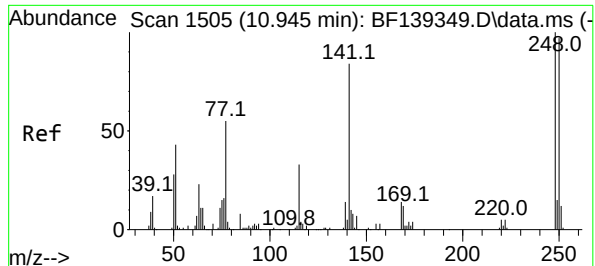
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#66
n-Nitrosodiphenylamine
Concen: 41.289 ng
RT: 10.569 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

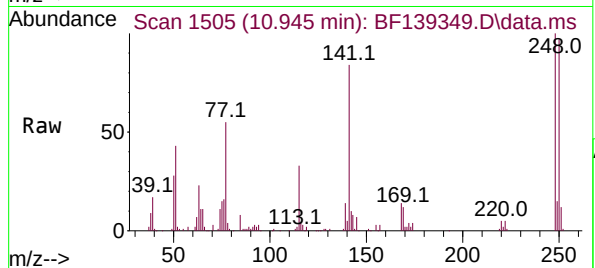
Tgt Ion:169 Resp: 233278
Ion Ratio Lower Upper
169 100
168 67.0 53.6 80.4
167 35.9 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 42.574 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

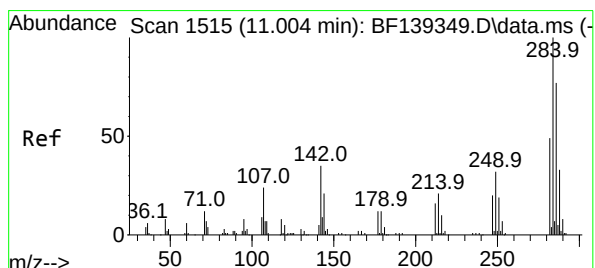
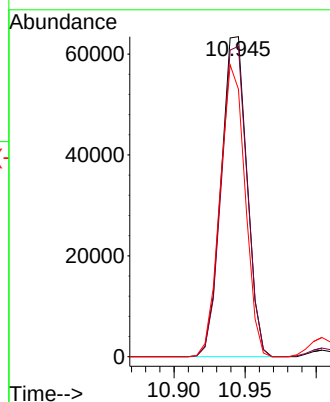
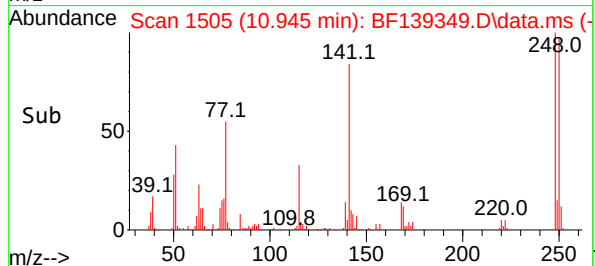
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



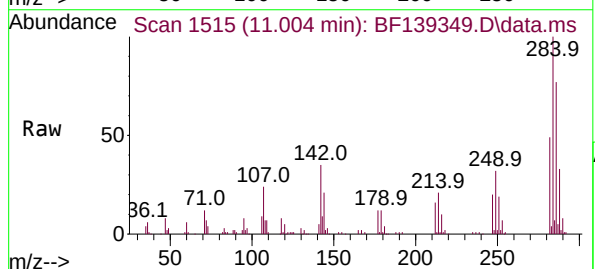
Tgt Ion:248 Resp: 80170
Ion Ratio Lower Upper
248 100
250 97.0 77.6 116.4
141 83.6 66.9 100.3

Manual Integrations
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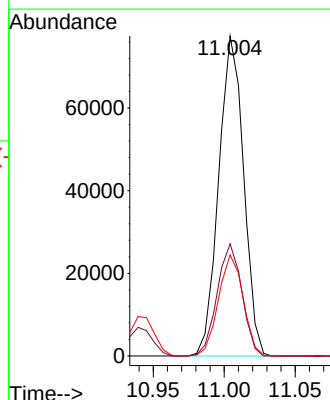
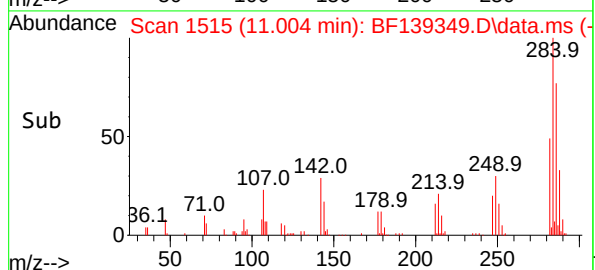
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

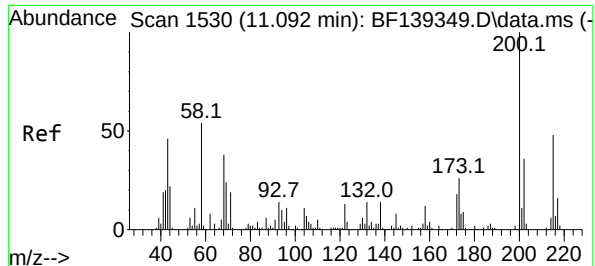


#68
Hexachlorobenzene
Concen: 43.730 ng
RT: 11.004 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53



Tgt Ion:284 Resp: 94276
Ion Ratio Lower Upper
284 100
142 35.0 28.0 42.0
249 31.6 25.3 37.9





#69

Atrazine

Concen: 36.119 ng

RT: 11.092 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

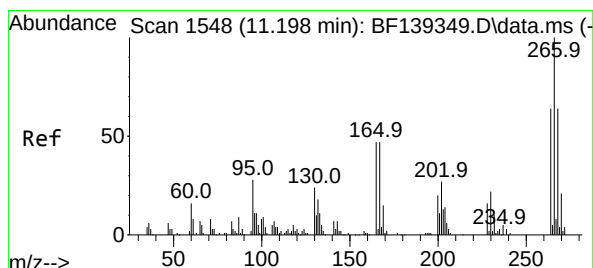
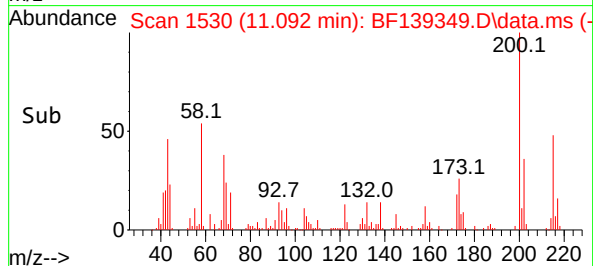
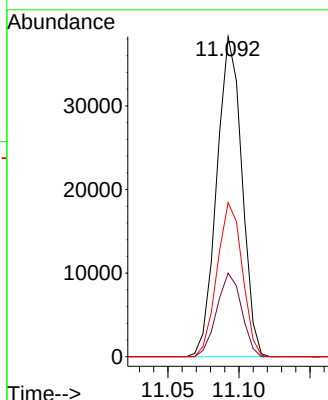
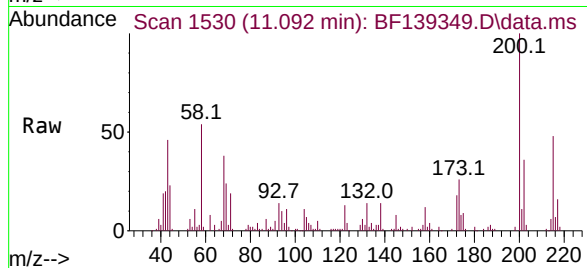
Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.1	6.1	46.1
215	48.2	28.2	68.2

Manual Integrations

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Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#70

Pentachlorophenol

Concen: 46.813 ng

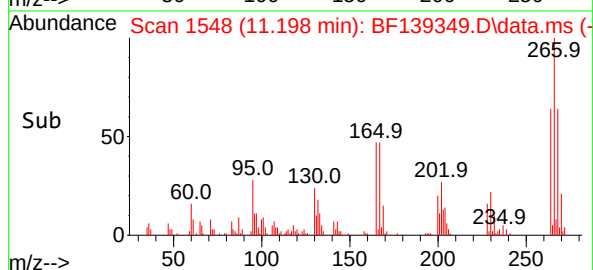
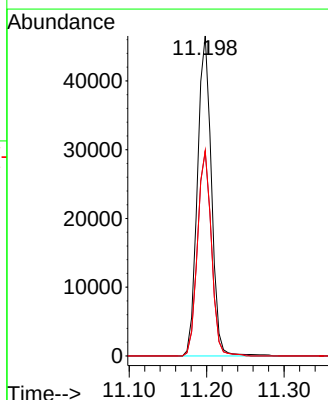
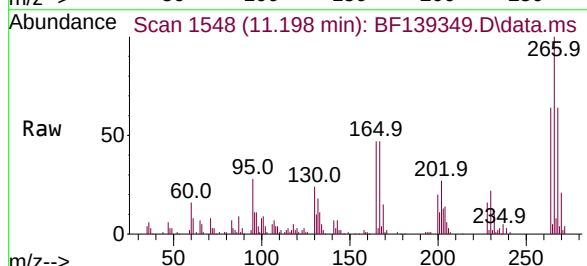
RT: 11.198 min Scan# 1548

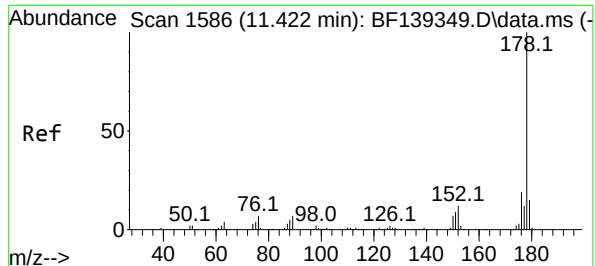
Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

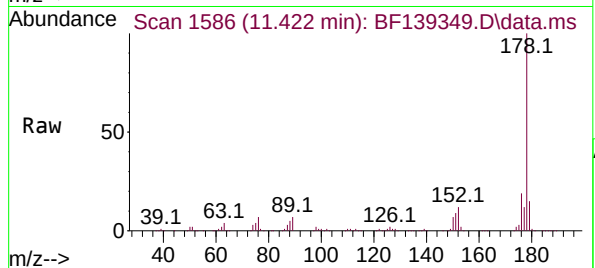
Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.1	76.7
264	64.2	51.4	77.0





#71
Phenanthrene
Concen: 42.974 ng
RT: 11.422 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

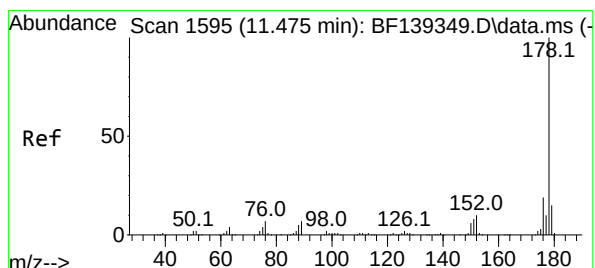
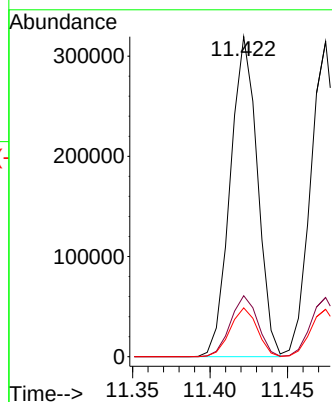
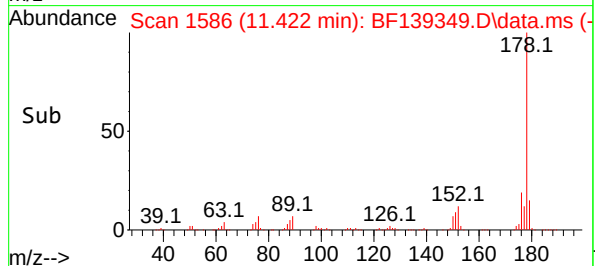
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:178 Resp: 389660
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 15.3 12.2 18.4

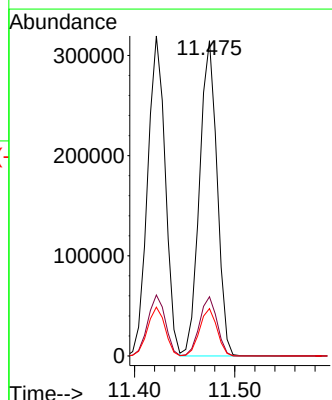
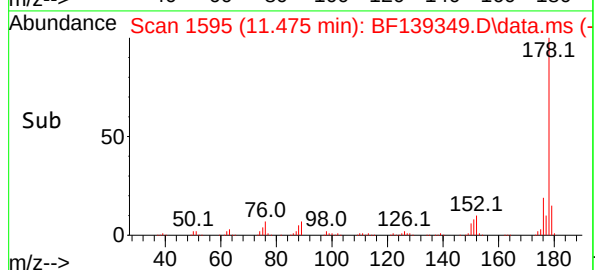
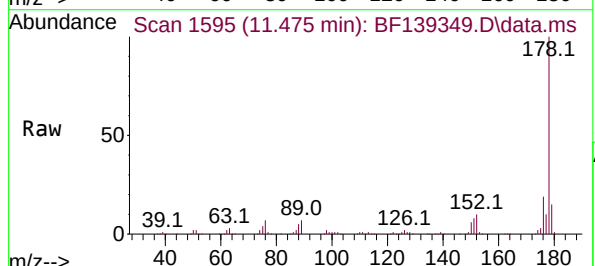
Manual Integrations
APPROVED

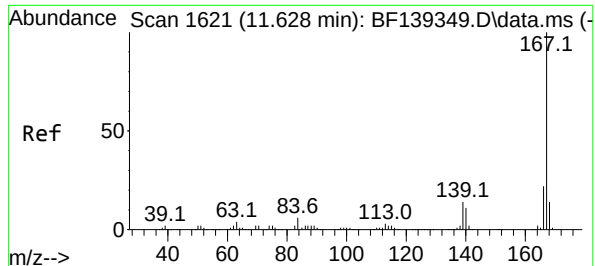
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#72
Anthracene
Concen: 43.252 ng
RT: 11.475 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

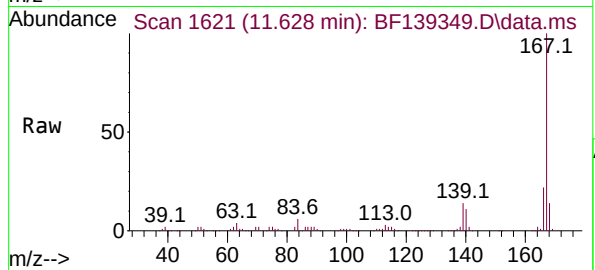
Tgt Ion:178 Resp: 383110
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.0 12.0 18.0





#73
Carbazole
Concen: 44.344 ng
RT: 11.628 min Scan# 1621
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

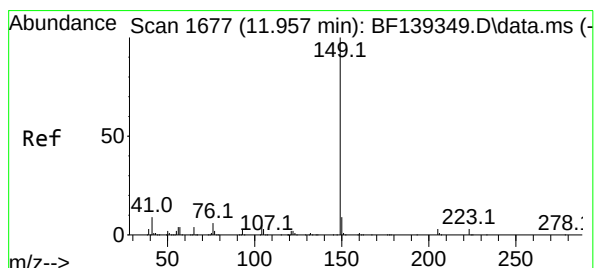
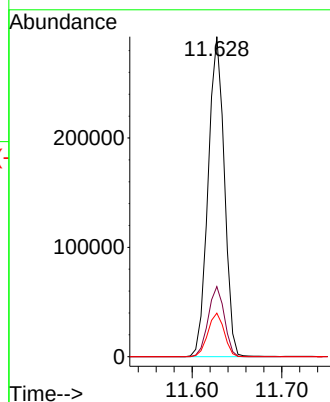
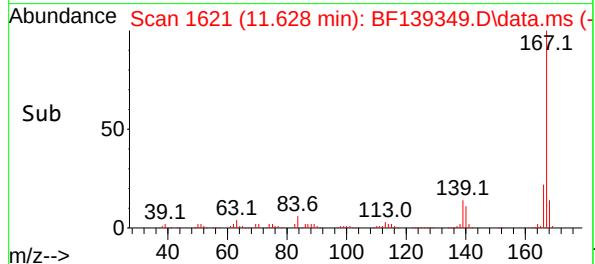
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



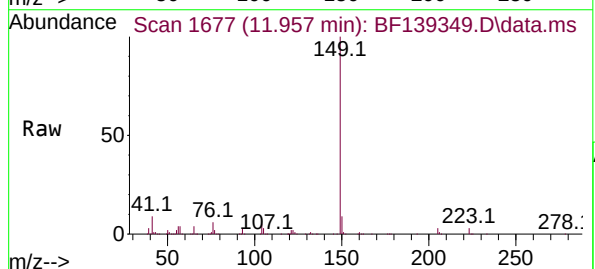
Tgt Ion:167 Resp: 367107
Ion Ratio Lower Upper
167 100
166 21.9 17.5 26.3
139 13.6 10.9 16.3

Manual Integrations
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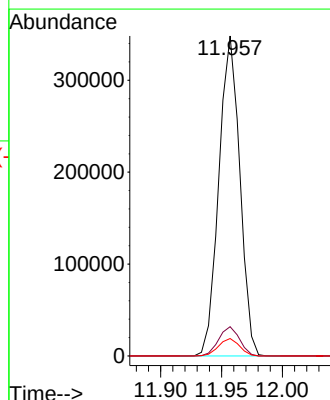
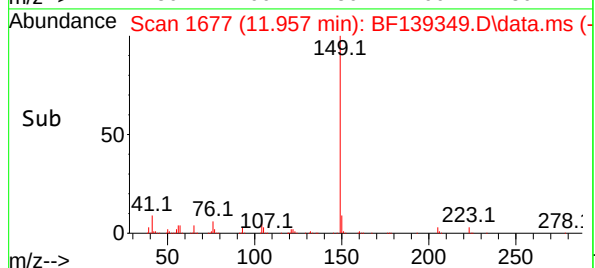
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

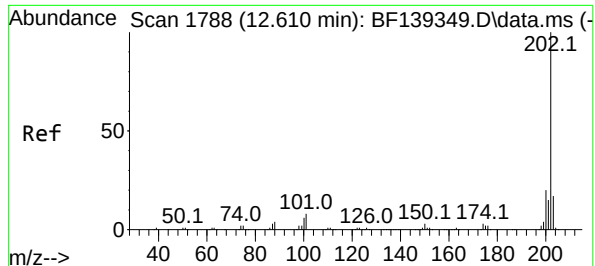


#74
Di-n-butylphthalate
Concen: 49.242 ng
RT: 11.957 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53



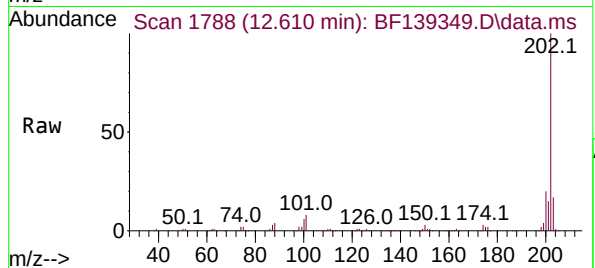
Tgt Ion:149 Resp: 417404
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 5.4 4.3 6.5





#75
Fluoranthene
Concen: 46.325 ng
RT: 12.610 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

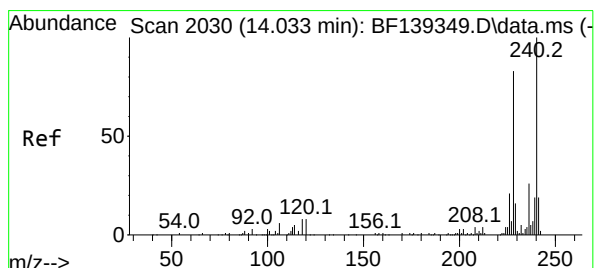
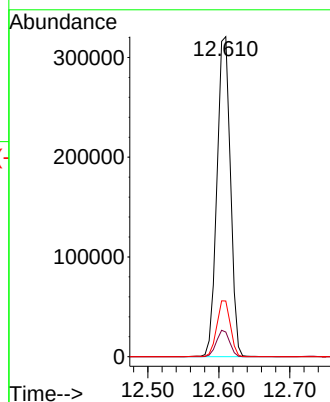
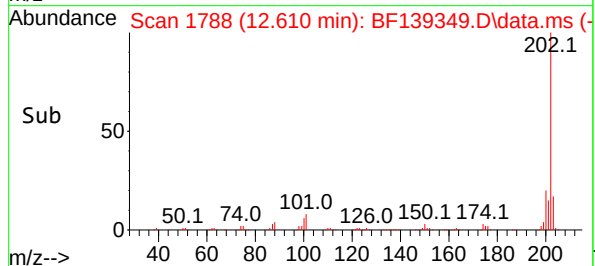
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:202 Resp: 421114
Ion Ratio Lower Upper
202 100
101 7.7 0.0 27.7
203 17.4 0.0 37.4

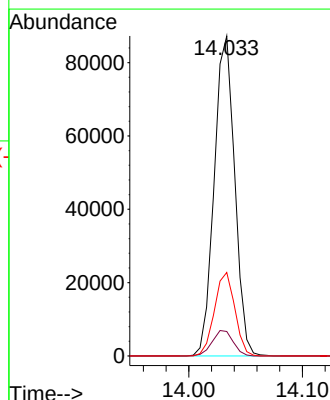
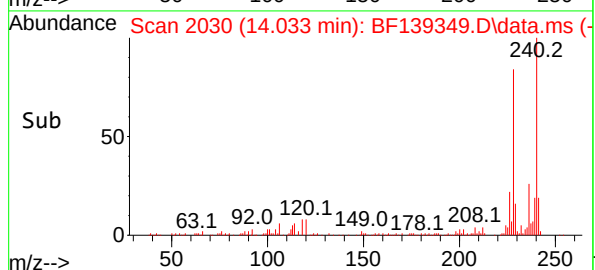
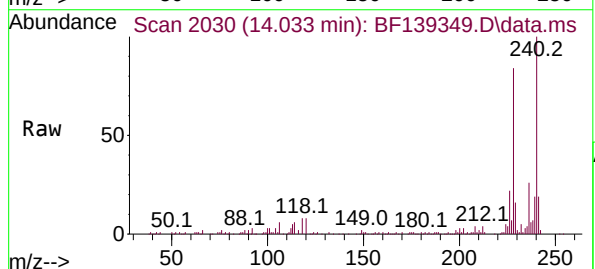
Manual Integrations
APPROVED

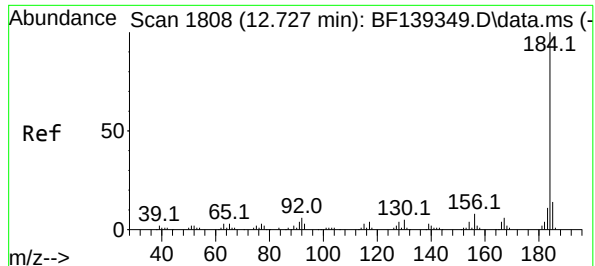
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

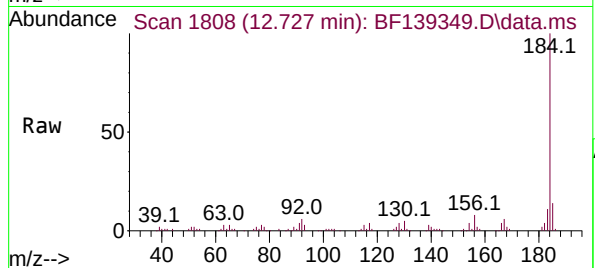
Tgt Ion:240 Resp: 109489
Ion Ratio Lower Upper
240 100
120 7.7 6.2 9.2
236 26.1 20.9 31.3





#77
Benzidine
Concen: 38.138 ng
RT: 12.727 min Scan# 1808
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

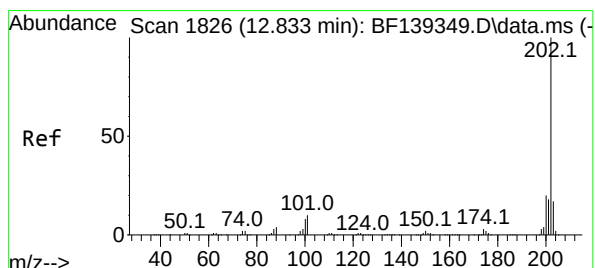
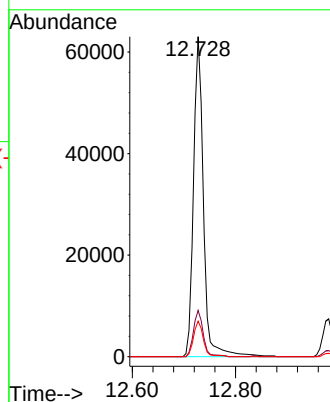
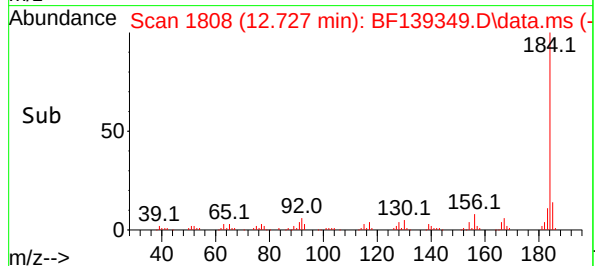
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:184 Resp: 84080
Ion Ratio Lower Upper
184 100
185 14.4 11.5 17.3
183 11.1 8.9 13.3

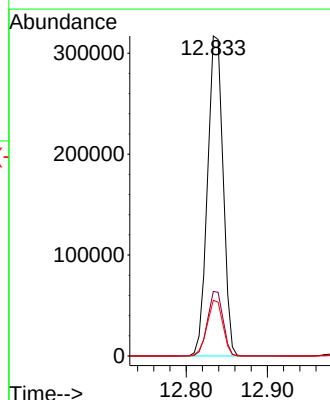
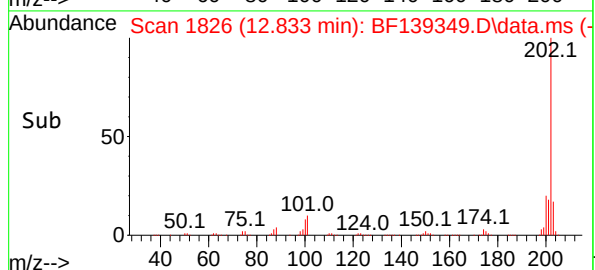
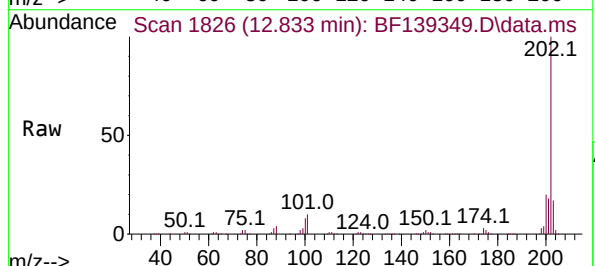
Manual Integrations
APPROVED

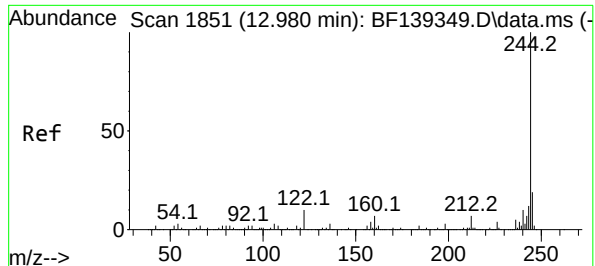
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#78
Pyrene
Concen: 39.824 ng
RT: 12.833 min Scan# 1826
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

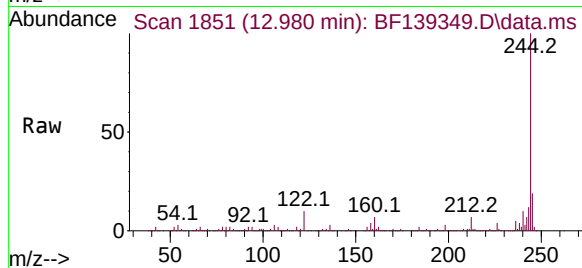
Tgt Ion:202 Resp: 421208
Ion Ratio Lower Upper
202 100
200 20.2 16.2 24.2
203 17.4 13.9 20.9





#79
Terphenyl-d14
Concen: 87.121 ng
RT: 12.980 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

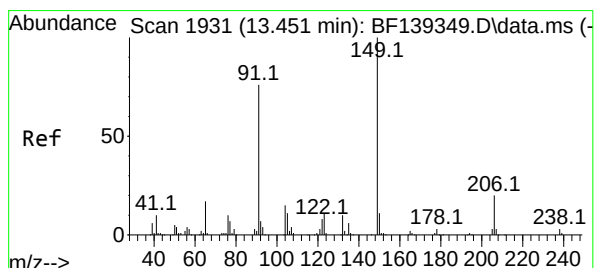
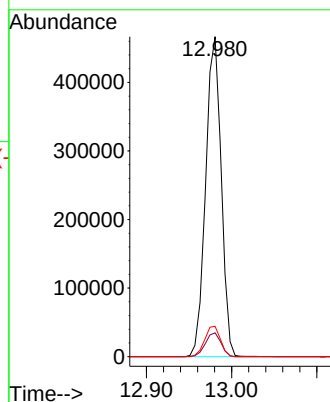
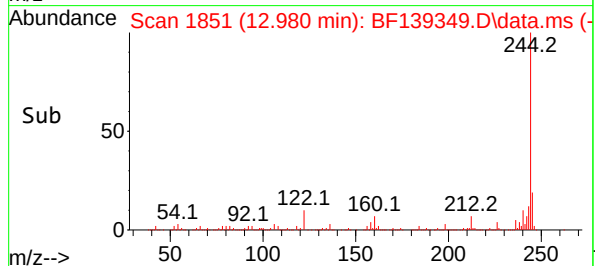
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:244 Resp: 590790
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 9.5 7.6 11.4

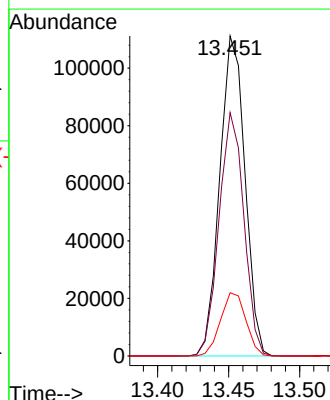
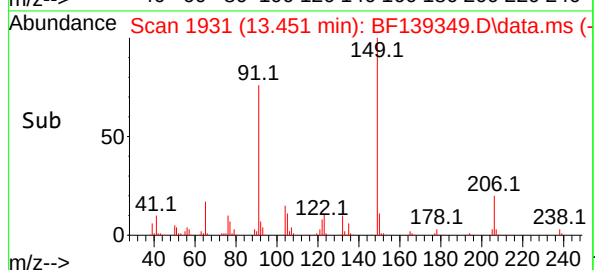
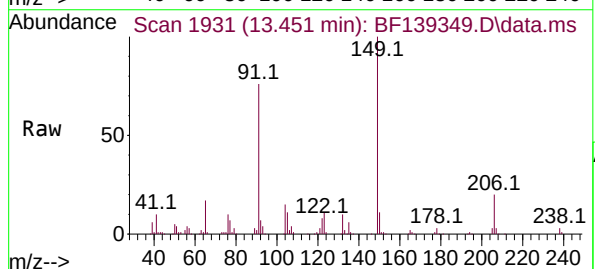
Manual Integrations
APPROVED

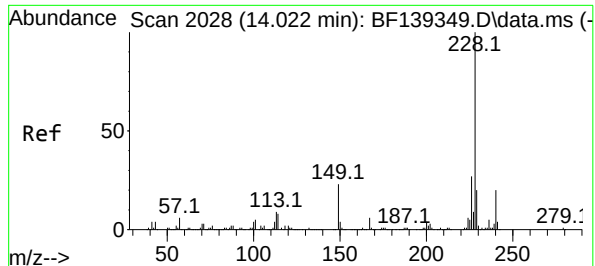
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#80
Butylbenzylphthalate
Concen: 55.148 ng
RT: 13.451 min Scan# 1931
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

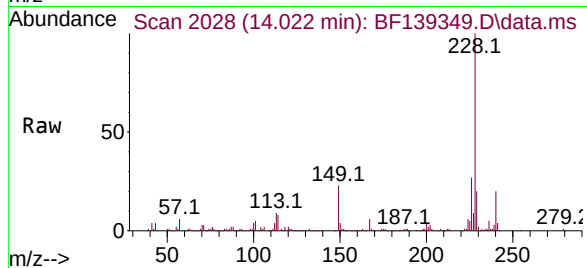
Tgt Ion:149 Resp: 137311
Ion Ratio Lower Upper
149 100
91 76.1 60.9 91.3
206 19.8 15.8 23.8





#81
Benzo(a)anthracene
Concen: 42.529 ng
RT: 14.022 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

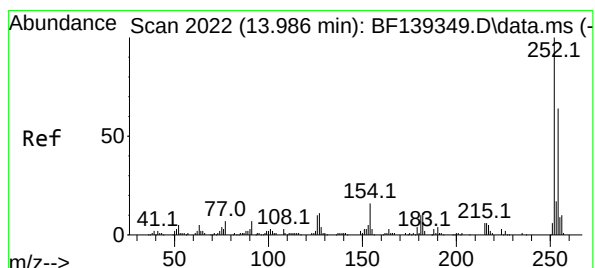
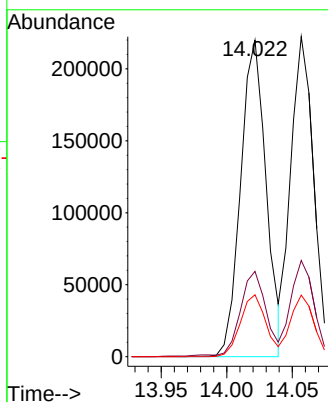
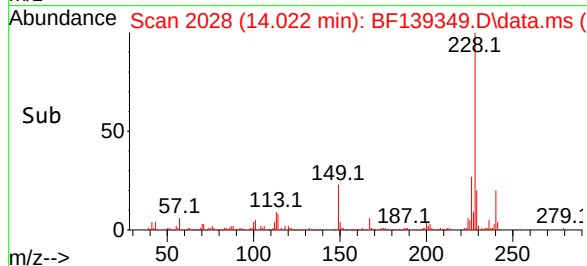
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



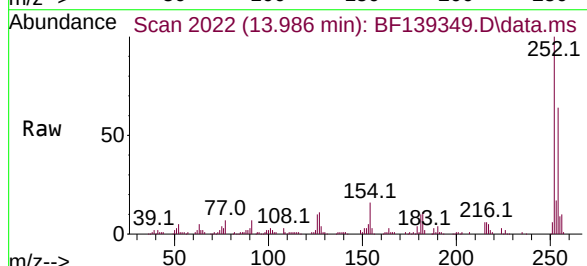
Tgt Ion:228 Resp: 29733
Ion Ratio Lower Upper
228 100
226 27.0 21.6 32.4
229 19.6 15.7 23.5

Manual Integrations
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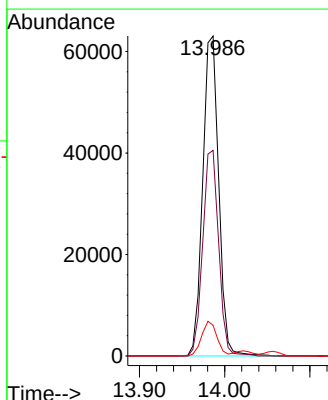
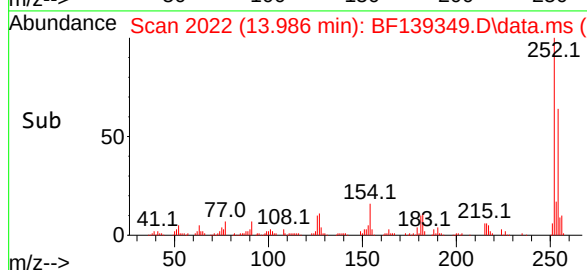
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

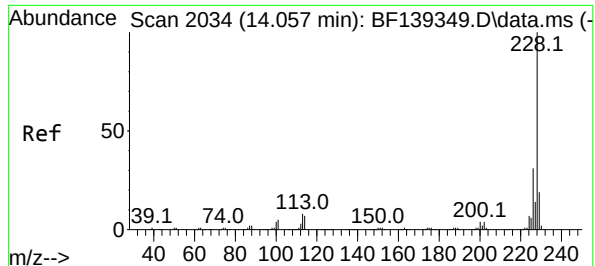


#82
3,3'-Dichlorobenzidine
Concen: 44.120 ng
RT: 13.986 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53



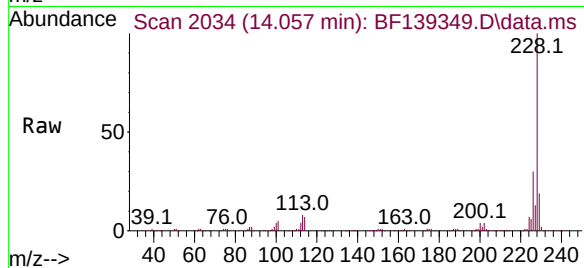
Tgt Ion:252 Resp: 81918
Ion Ratio Lower Upper
252 100
254 64.3 51.4 77.2
126 9.6 7.7 11.5





#83
Chrysene
Concen: 41.408 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

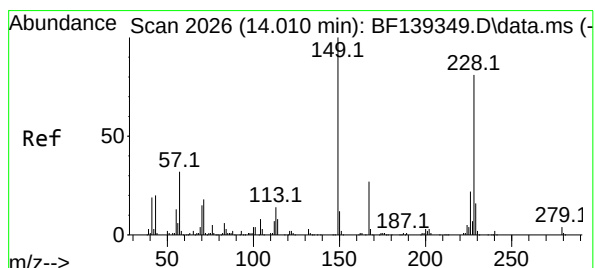
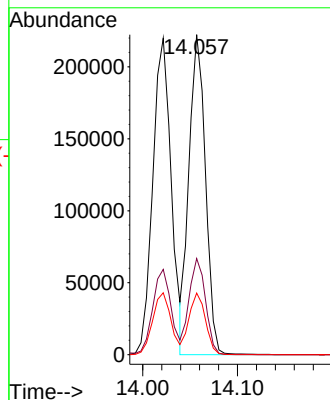
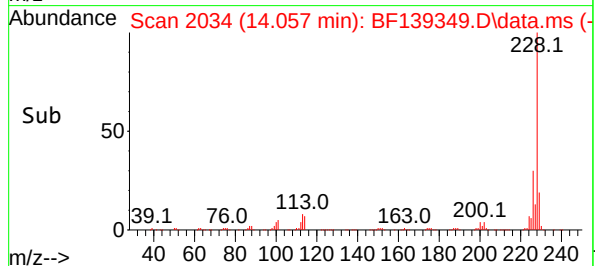
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:228 Resp: 270190
Ion Ratio Lower Upper
228 100
226 30.1 24.1 36.1
229 19.2 15.4 23.0

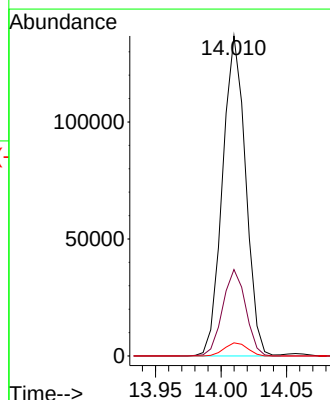
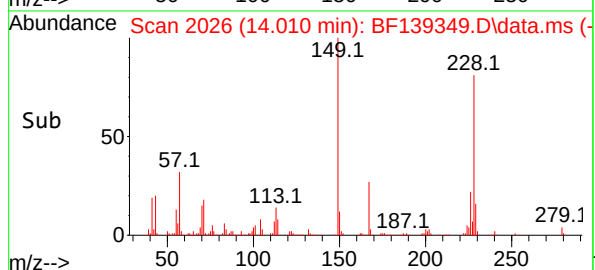
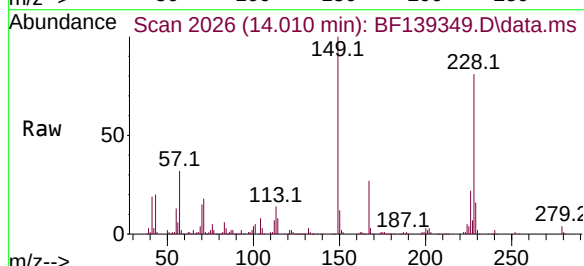
Manual Integrations
APPROVED

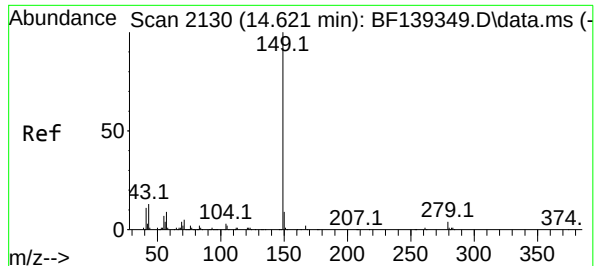
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 57.267 ng
RT: 14.010 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

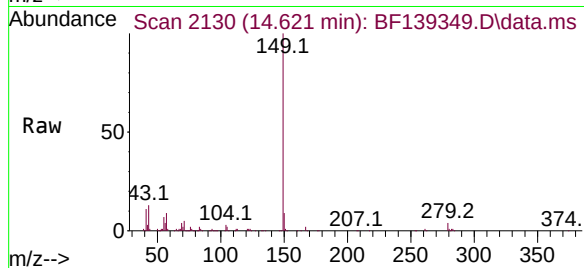
Tgt Ion:149 Resp: 167358
Ion Ratio Lower Upper
149 100
167 27.0 21.6 32.4
279 4.1 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 44.204 ng
RT: 14.621 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

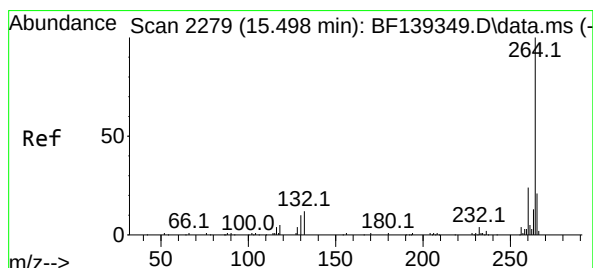
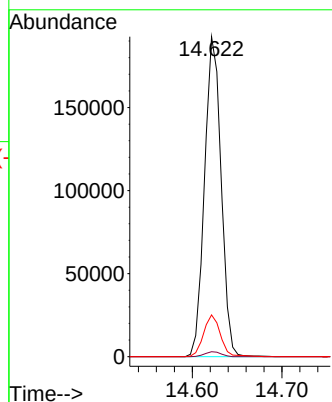
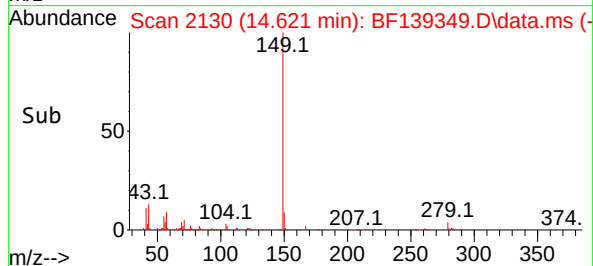
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:149 Resp: 24733
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 13.3 10.6 16.0

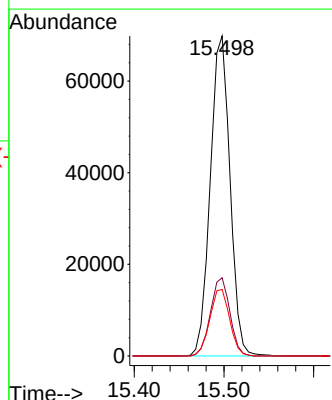
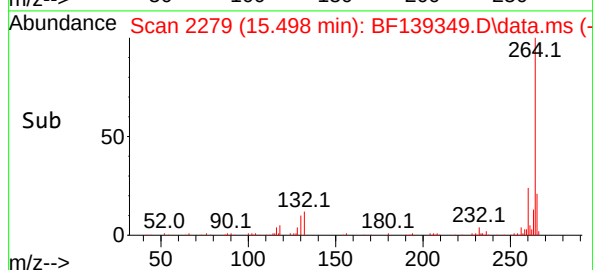
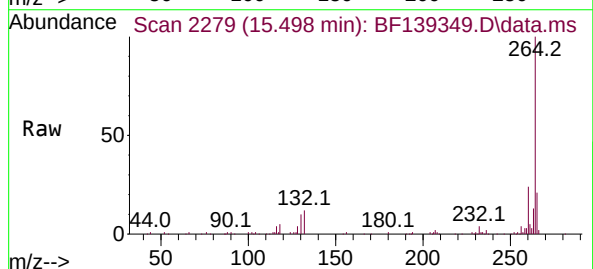
Manual Integrations
APPROVED

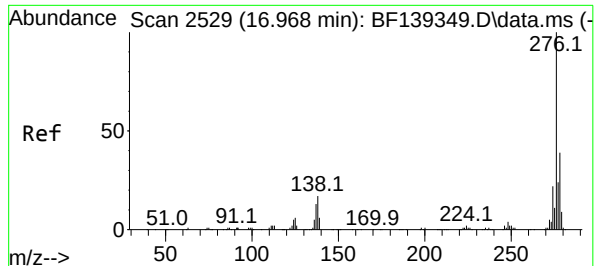
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:264 Resp: 106513
Ion Ratio Lower Upper
264 100
260 24.4 19.5 29.3
265 20.8 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.643 ng

RT: 16.968 min Scan# 2529

Delta R.T. 0.000 min

Lab File: BF139349.D

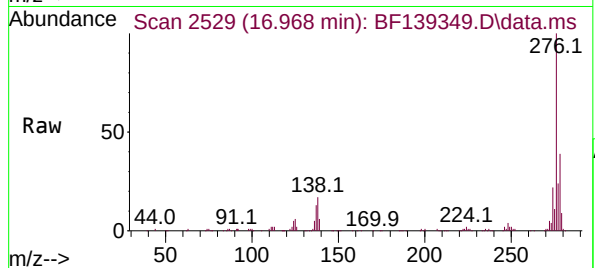
Acq: 13 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:276 Resp: 29040

Ion Ratio Lower Upper

276 100

138 19.3 15.4 23.2

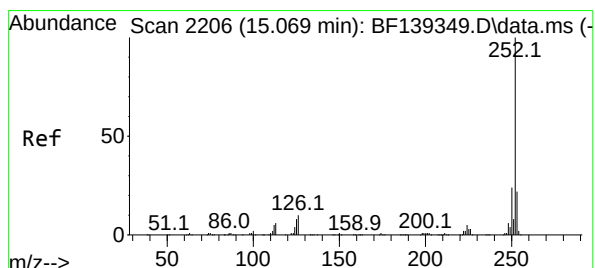
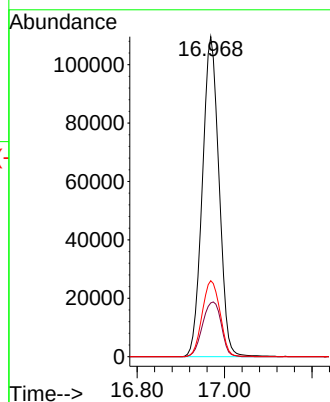
277 25.5 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#88

Benzo(b)fluoranthene

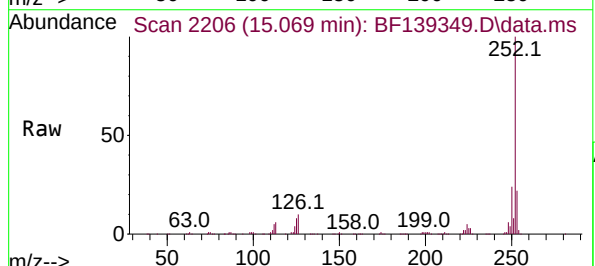
Concen: 42.570 ng

RT: 15.069 min Scan# 2206

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53



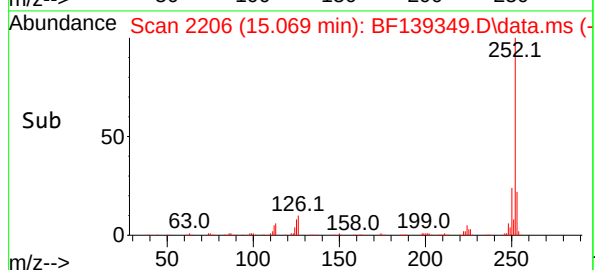
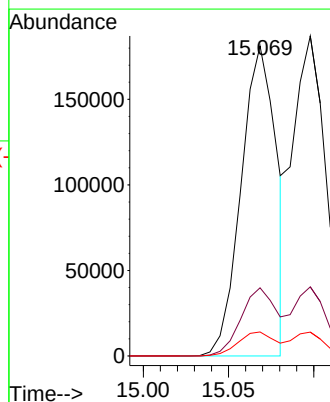
Tgt Ion:252 Resp: 261127

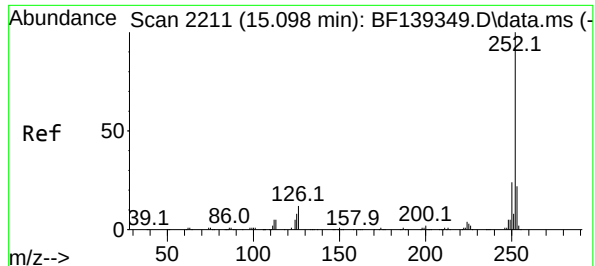
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 7.7 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 46.126 ng

RT: 15.098 min Scan# 2211

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:252 Resp: 25369

Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

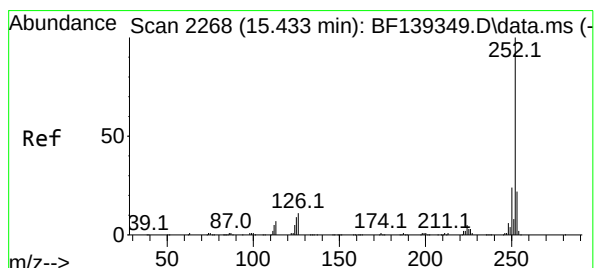
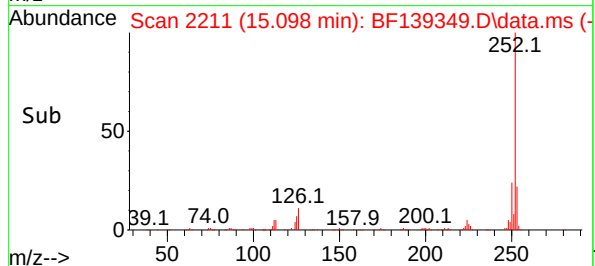
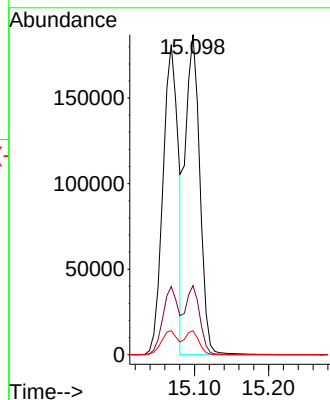
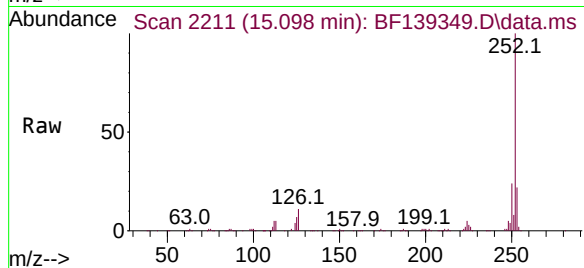
125 7.4 5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#90

Benzo(a)pyrene

Concen: 44.011 ng

RT: 15.433 min Scan# 2268

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

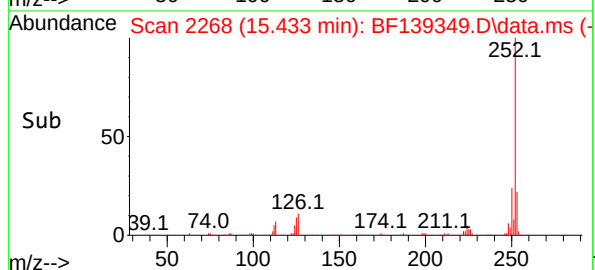
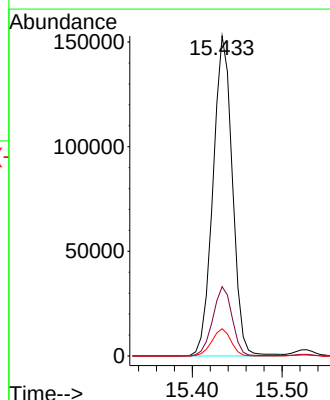
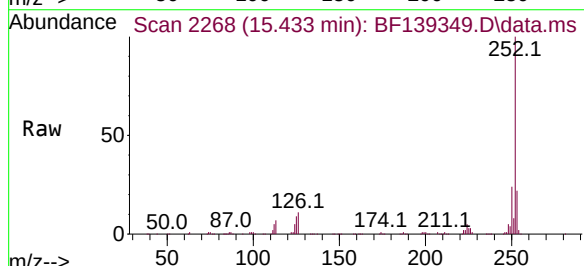
Tgt Ion:252 Resp: 229237

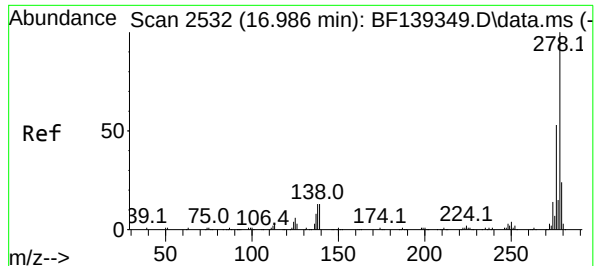
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 8.5 6.8 10.2





#91
Dibenzo(a,h)anthracene
Concen: 42.639 ng
RT: 16.986 min Scan# 2532
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

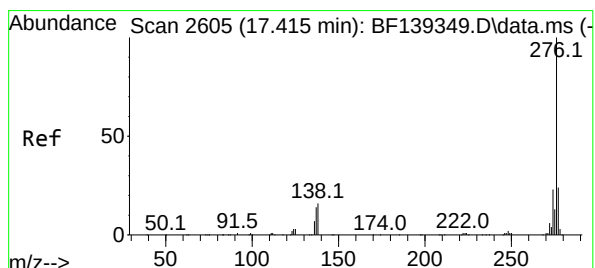
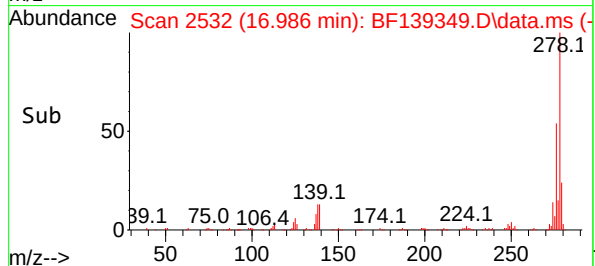
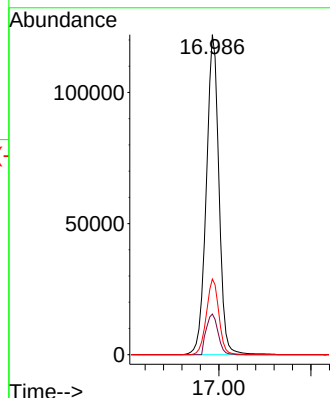
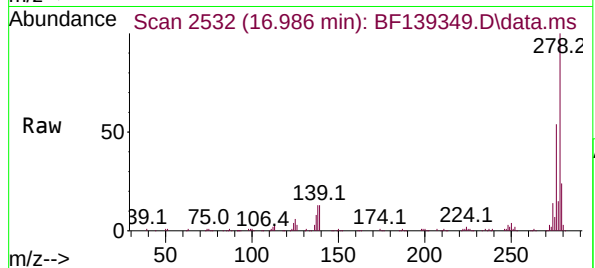
SSTDICCC040

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.7	10.2	15.2
279	23.6	18.9	28.3

Manual Integrations

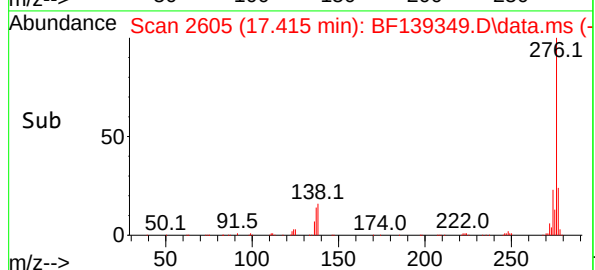
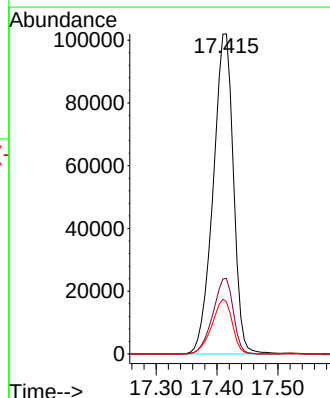
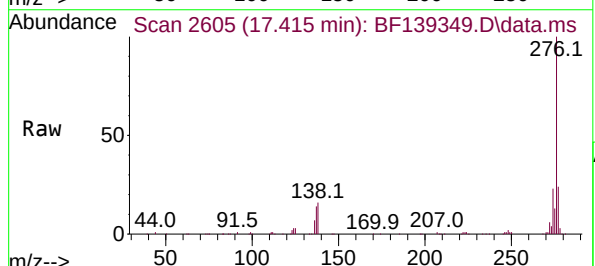
APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#92
Benzo(g,h,i)perylene
Concen: 41.642 ng
RT: 17.415 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	16.3	13.0	19.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
 Data File : BF139350.D
 Acq On : 13 Sep 2024 17:51
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024

Quant Time: Sep 14 02:50:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:45:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	60726	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	218122	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	118314	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	224385	20.000	ng	0.00
76) Chrysene-d12	14.033	240	119656	20.000	ng	0.00
86) Perylene-d12	15.498	264	123129	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	356372	95.736	ng	0.00
7) Phenol-d6	6.510	99	462024	94.562	ng	0.00
23) Nitrobenzene-d5	7.445	82	445436	96.004	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	120422	95.604	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	803022	95.192	ng	0.00
79) Terphenyl-d14	12.980	244	741072	101.657	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.651	88	67895	45.462	ng	99
3) Pyridine	3.404	79	152055	46.179	ng	99
4) n-Nitrosodimethylamine	3.375	42	137378	48.135	ng	100
6) Aniline	6.581	93	167082m	50.727	ng	
8) 2-Chlorophenol	6.663	128	182644	47.665	ng	97
9) Benzaldehyde	6.428	77	115581	43.191	ng	99
10) Phenol	6.528	94	231412	46.503	ng	96
11) bis(2-Chloroethyl)ether	6.616	93	171147	45.250	ng	98
12) 1,3-Dichlorobenzene	6.822	146	205651	47.192	ng	100
13) 1,4-Dichlorobenzene	6.898	146	209000	47.460	ng	99
14) 1,2-Dichlorobenzene	7.051	146	197506	47.464	ng	100
15) Benzyl Alcohol	7.022	79	185255	47.524	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	271832	46.635	ng	100
17) 2-Methylphenol	7.133	107	144596	47.496	ng	99
18) Hexachloroethane	7.392	117	80677	48.099	ng	99
19) n-Nitroso-di-n-propyla...	7.298	70	138502	47.836	ng	99
20) 3+4-Methylphenols	7.286	107	198277	47.737	ng	95
22) Acetophenone	7.292	105	273758	48.008	ng	97
24) Nitrobenzene	7.469	77	230160	48.198	ng	99
25) Isophorone	7.704	82	352840	48.085	ng	100
26) 2-Nitrophenol	7.781	139	92210	49.564	ng	98
27) 2,4-Dimethylphenol	7.816	122	119187	48.567	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	198334	47.425	ng	99
29) 2,4-Dichlorophenol	8.016	162	148165	47.525	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	172156	47.393	ng	99
31) Naphthalene	8.186	128	546863	48.024	ng	100
32) Benzoic acid	7.939	122	120521	52.273	ng	97
33) 4-Chloroaniline	8.239	127	166581	47.818	ng	99
34) Hexachlorobutadiene	8.298	225	120140	48.681	ng	98
35) Caprolactam	8.610	113	45162	47.092	ng	96
36) 4-Chloro-3-methylphenol	8.710	107	172036	48.284	ng	99
37) 2-Methylnaphthalene	8.875	142	344052	47.601	ng	100
38) 1-Methylnaphthalene	8.975	142	336046	47.357	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	168182	47.964	ng	100
41) Hexachlorocyclopentadiene	9.027	237	61220	50.004	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	109327	47.923	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
 Data File : BF139350.D
 Acq On : 13 Sep 2024 17:51
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/16/2024
 Supervised By :mohammad ahmed 09/16/2024

Quant Time: Sep 14 02:50:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:45:19 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	118193	49.117	ng	99
46) 1,1'-Biphenyl	9.339	154	437548	48.070	ng	99
47) 2-Chloronaphthalene	9.363	162	330109	48.505	ng	99
48) 2-Nitroaniline	9.457	65	126535	49.987	ng	97
49) Acenaphthylene	9.780	152	497184	48.531	ng	99
50) Dimethylphthalate	9.639	163	370588	47.723	ng	100
51) 2,6-Dinitrotoluene	9.698	165	85910	49.939	ng	96
52) Acenaphthene	9.951	154	345749	48.356	ng	99
53) 3-Nitroaniline	9.869	138	83924	48.815	ng	96
54) 2,4-Dinitrophenol	9.969	184	51497	57.104	ng	# 87
55) Dibenzofuran	10.122	168	473142	47.477	ng	99
56) 4-Nitrophenol	10.022	139	72103	50.685	ng	94
57) 2,4-Dinitrotoluene	10.104	165	114884	49.465	ng	98
58) Fluorene	10.463	166	391850	48.191	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	95986	48.219	ng	98
60) Diethylphthalate	10.333	149	387175	48.314	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	189920	48.061	ng	96
62) 4-Nitroaniline	10.486	138	90703	48.340	ng	99
63) Azobenzene	10.616	77	378482	48.019	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	63136	53.312	ng	99
66) n-Nitrosodiphenylamine	10.574	169	313904	47.849	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	107298	48.254	ng	98
68) Hexachlorobenzene	11.010	284	124911	47.865	ng	98
69) Atrazine	11.098	200	79000	50.583	ng	98
70) Pentachlorophenol	11.198	266	77067	49.215	ng	98
71) Phenanthrene	11.421	178	526376	48.623	ng	100
72) Anthracene	11.474	178	511970	48.370	ng	100
73) Carbazole	11.627	167	494354	48.799	ng	100
74) Di-n-butylphthalate	11.957	149	556151	49.283	ng	100
75) Fluoranthene	12.610	202	537080	46.457	ng	99
77) Benzidine	12.727	184	80463	46.936	ng	100
78) Pyrene	12.839	202	530780	51.662	ng	99
80) Butylbenzylphthalate	13.457	149	174982	50.037	ng	96
81) Benzo(a)anthracene	14.021	228	377584	47.639	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	109919	47.356	ng	98
83) Chrysene	14.062	228	354515	48.617	ng	100
84) Bis(2-ethylhexyl)phtha...	14.009	149	217495	48.889	ng	99
85) Di-n-octyl phthalate	14.621	149	330088	50.382	ng	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	388214	53.023	ng	100
88) Benzo(b)fluoranthene	15.068	252	365162	48.087	ng	99
89) Benzo(k)fluoranthene	15.104	252	316496	45.203	ng	99
90) Benzo(a)pyrene	15.439	252	305466	48.503	ng	100
91) Dibenzo(a,h)anthracene	16.992	278	321341	53.114	ng	99
92) Benzo(g,h,i)perylene	17.421	276	317487	53.000	ng	99

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

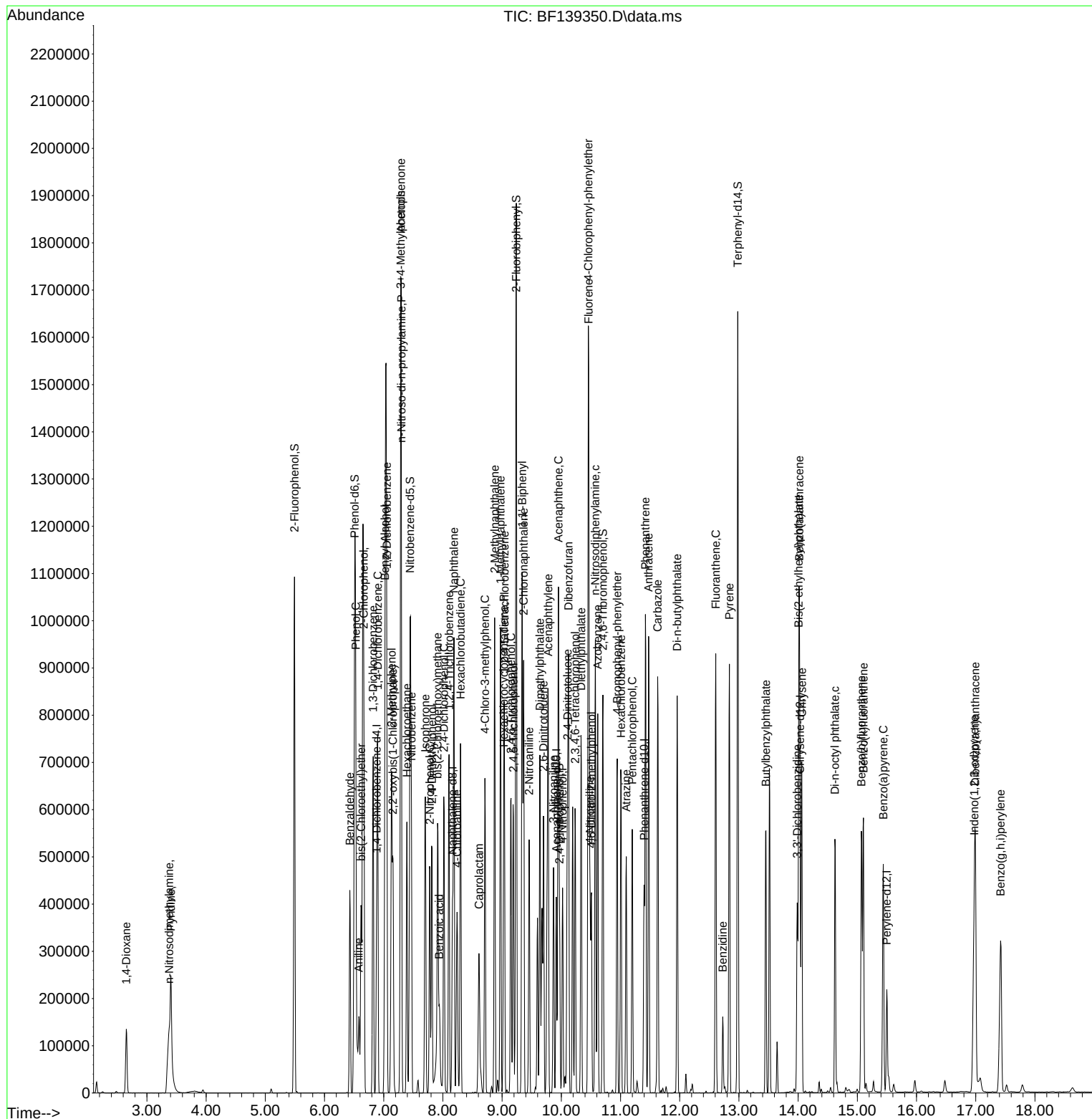
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Data File : BF139350.D
Acq On : 13 Sep 2024 17:51
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

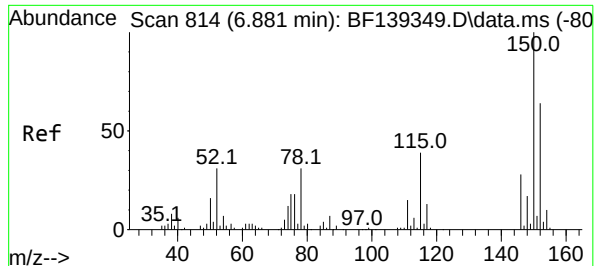
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

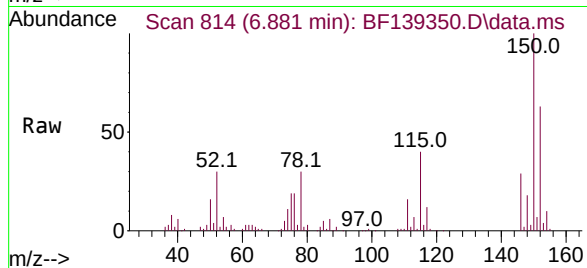
Quant Time: Sep 14 02:50:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:45:19 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

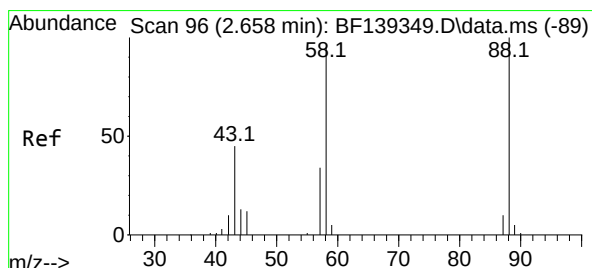
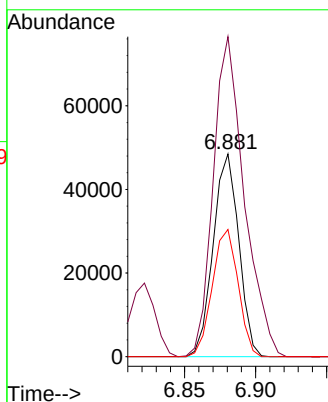
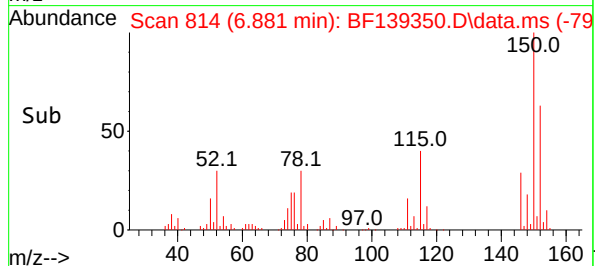
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:152 Resp: 60720
Ion Ratio Lower Upper
152 100
150 157.9 124.1 186.1
115 62.8 48.1 72.1

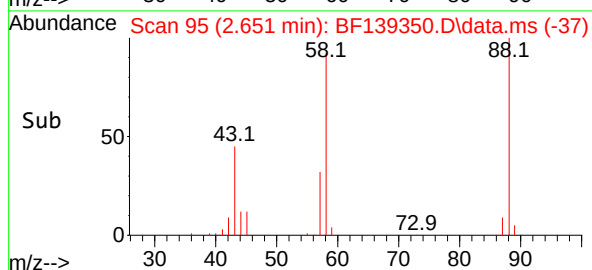
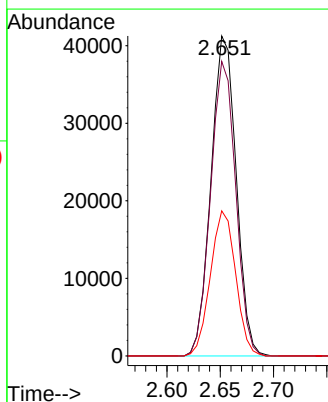
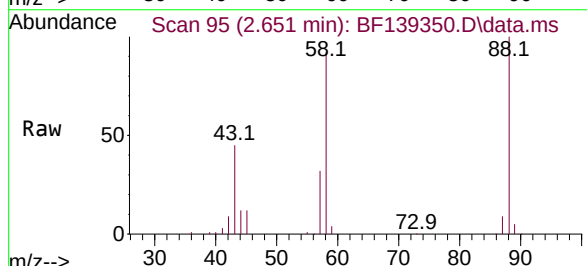
Manual Integrations
APPROVED

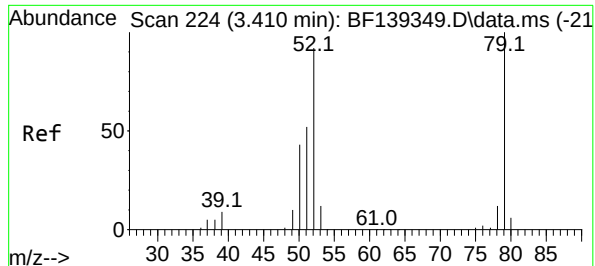
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#2
1,4-Dioxane
Concen: 45.462 ng
RT: 2.651 min Scan# 95
Delta R.T. -0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion: 88 Resp: 67895
Ion Ratio Lower Upper
88 100
58 91.6 74.8 112.2
43 45.4 36.4 54.6





#3

Pyridine

Concen: 46.179 ng

RT: 3.404 min Scan# 218

Delta R.T. -0.006 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 79 Resp: 15205

Ion Ratio Lower Upper

79 100

52 93.7 73.8 110.8

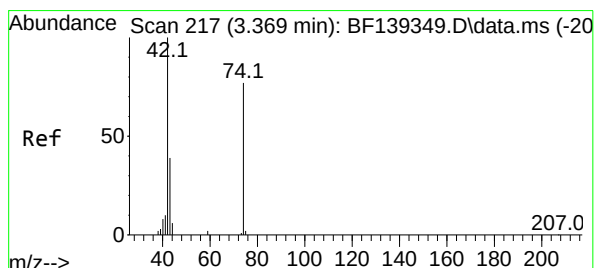
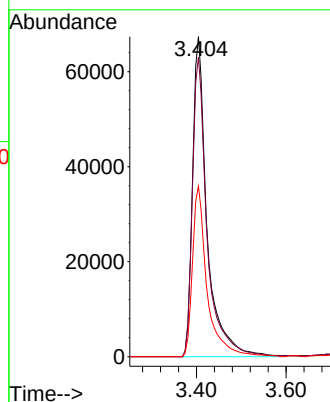
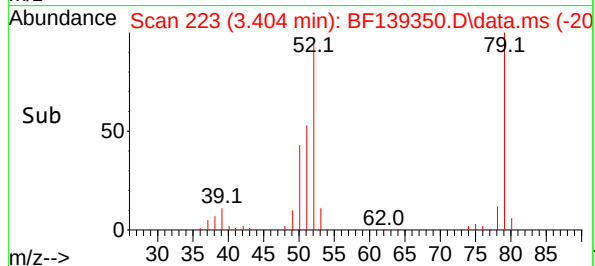
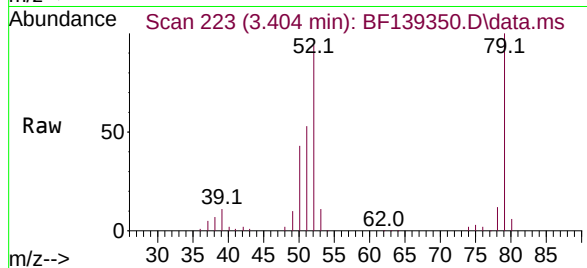
51 53.3 41.8 62.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#4

n-Nitrosodimethylamine

Concen: 48.135 ng

RT: 3.375 min Scan# 218

Delta R.T. 0.006 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

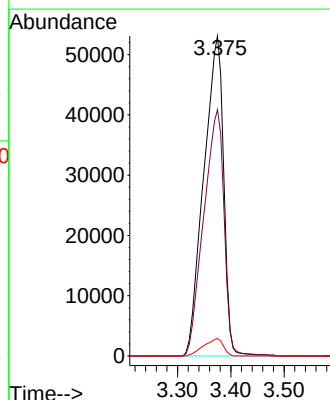
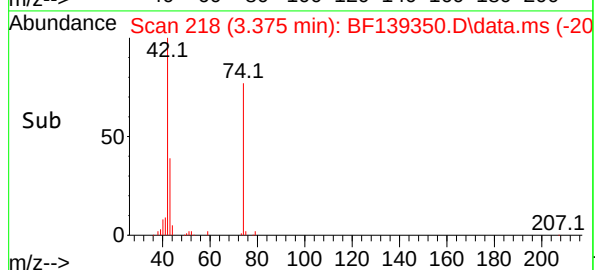
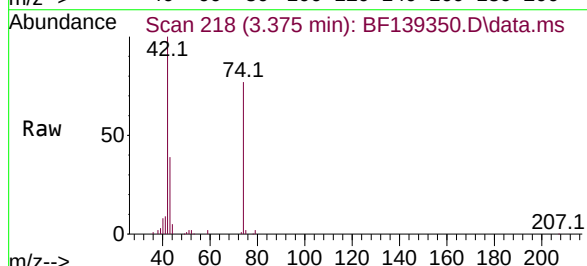
Tgt Ion: 42 Resp: 137378

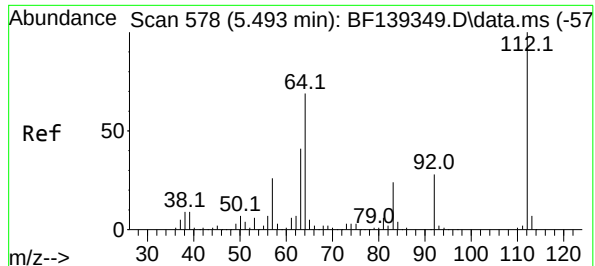
Ion Ratio Lower Upper

42 100

74 77.0 61.8 92.8

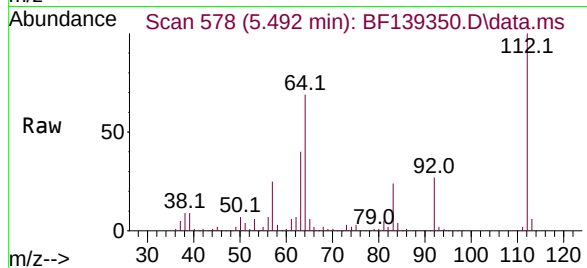
44 5.4 4.8 7.2





#5
2-Fluorophenol
Concen: 95.736 ng
RT: 5.492 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

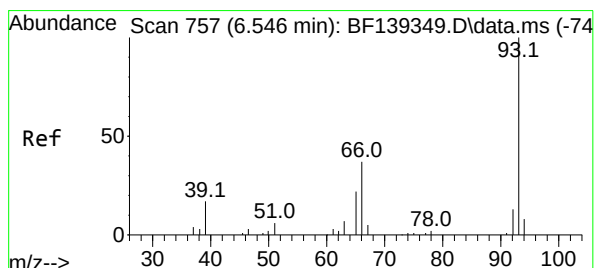
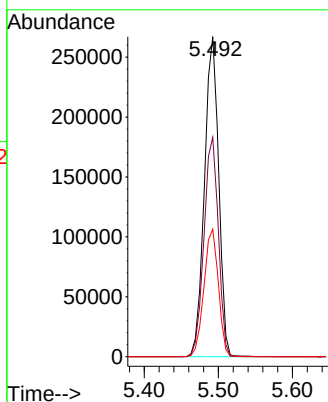
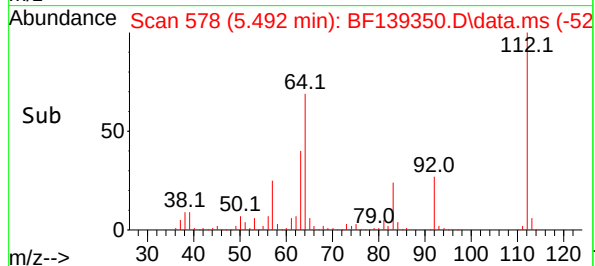
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion: 112 Resp: 356372
Ion Ratio Lower Upper
112 100
64 68.6 54.8 82.2
63 39.9 33.0 49.4

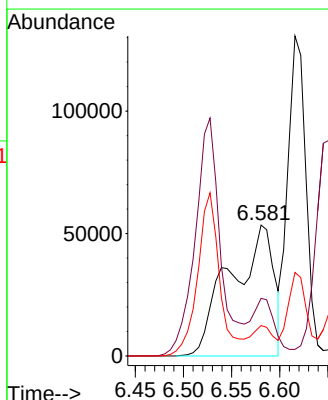
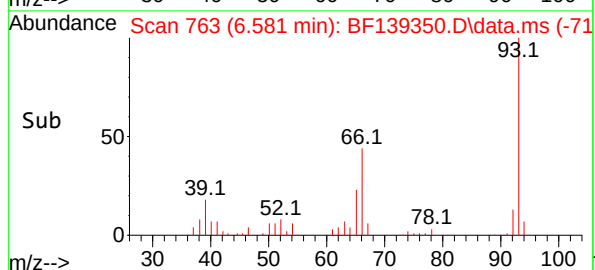
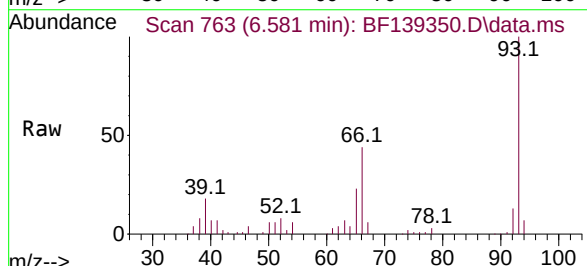
Manual Integrations
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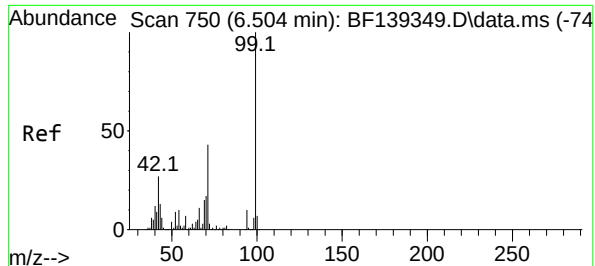
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#6
Aniline
Concen: 50.727 ng m
RT: 6.581 min Scan# 763
Delta R.T. 0.011 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

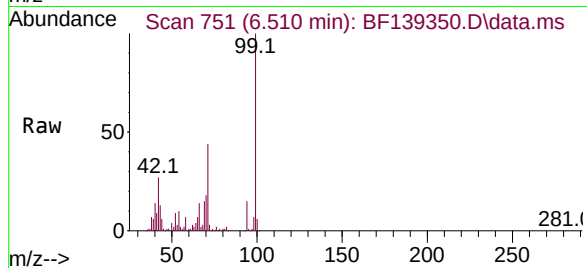
Tgt Ion: 93 Resp: 167082
Ion Ratio Lower Upper
93 100
66 44.0 35.4 53.0
65 23.2 18.2 27.4





#7
Phenol-d6
Concen: 94.562 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

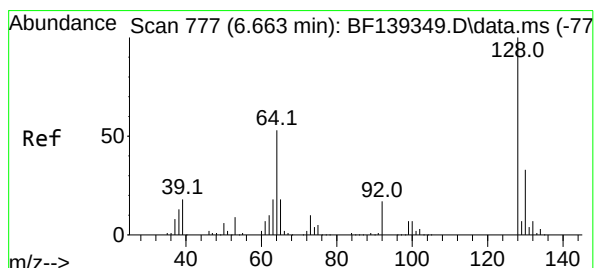
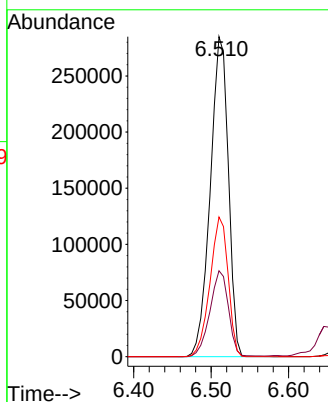
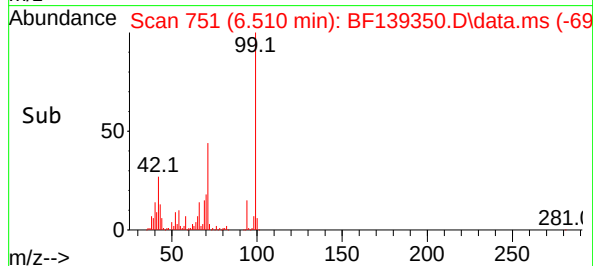
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion: 99 Resp: 462024
Ion Ratio Lower Upper
99 100
42 26.9 21.9 32.9
71 43.7 34.6 52.0

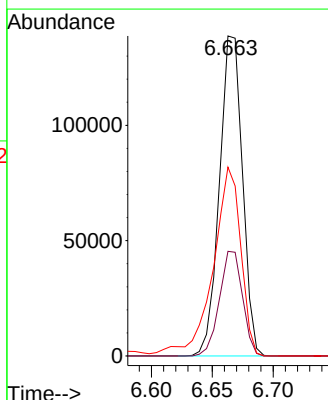
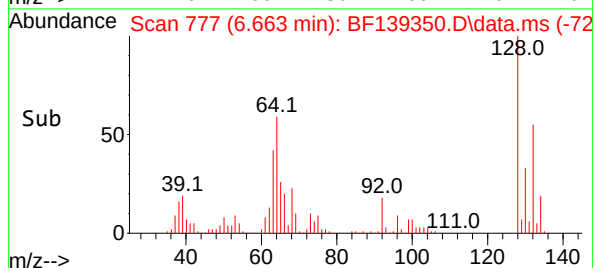
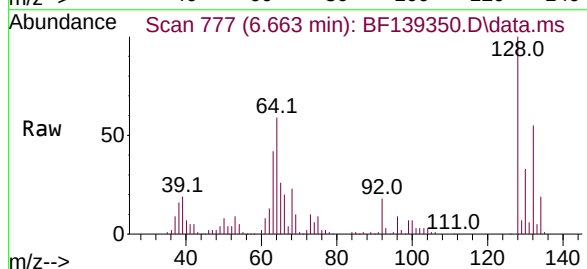
Manual Integrations
APPROVED

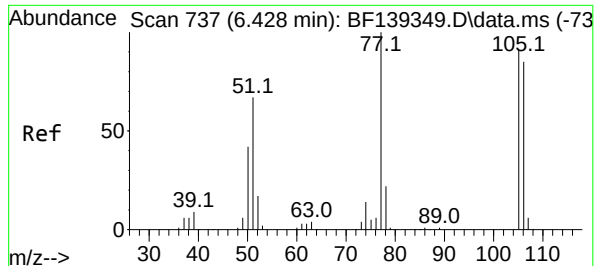
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#8
2-Chlorophenol
Concen: 47.665 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

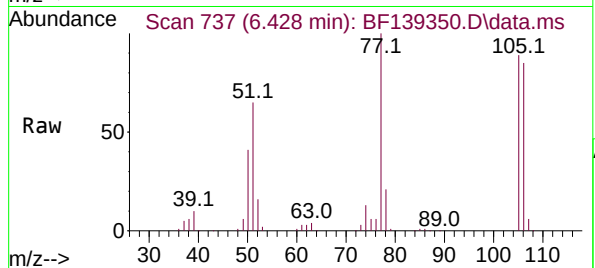
Tgt Ion:128 Resp: 182644
Ion Ratio Lower Upper
128 100
130 32.7 12.8 52.8
64 59.0 35.1 75.1





#9
Benzaldehyde
Concen: 43.191 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

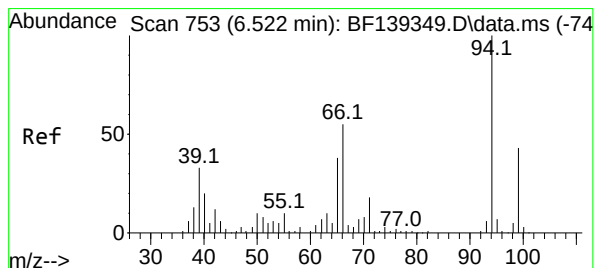
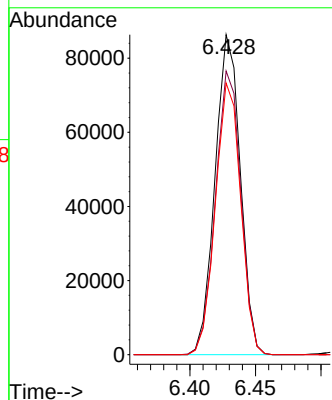
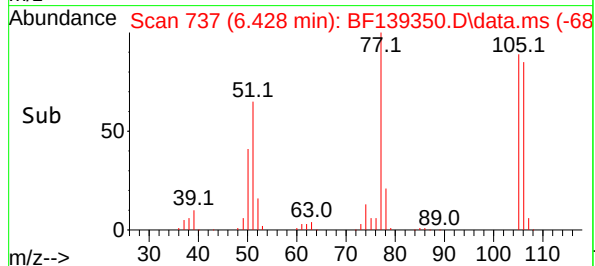
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion: 77 Resp: 11558
Ion Ratio Lower Upper
77 100
105 88.7 71.0 111.0
106 84.9 64.9 104.9

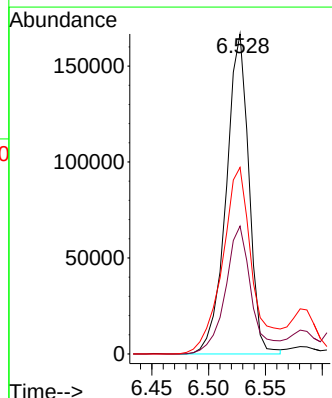
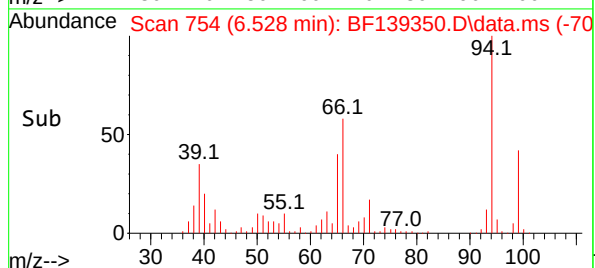
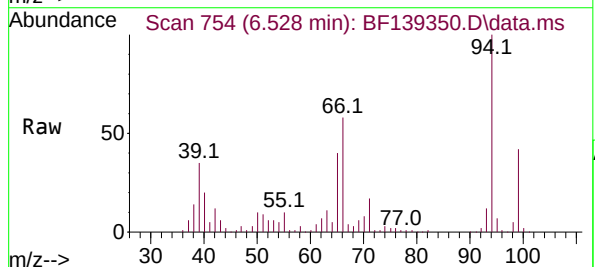
Manual Integrations
APPROVED

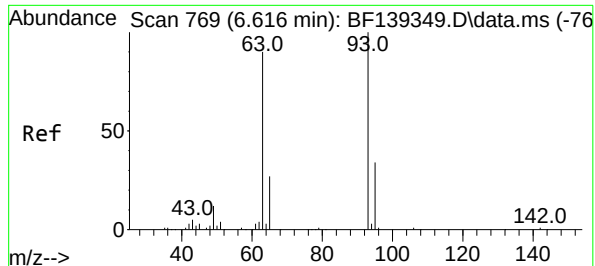
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#10
Phenol
Concen: 46.503 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion: 94 Resp: 231412
Ion Ratio Lower Upper
94 100
65 40.0 17.6 57.6
66 58.3 35.2 75.2





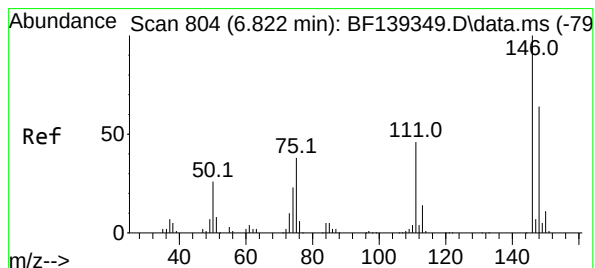
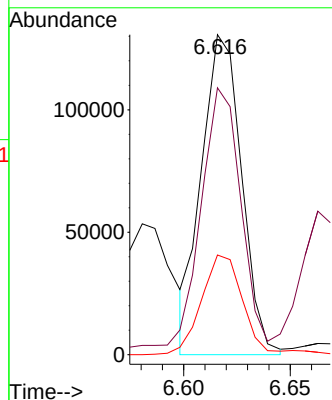
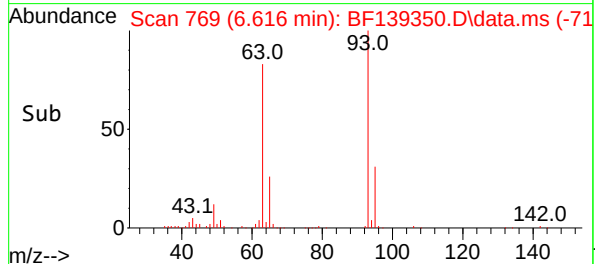
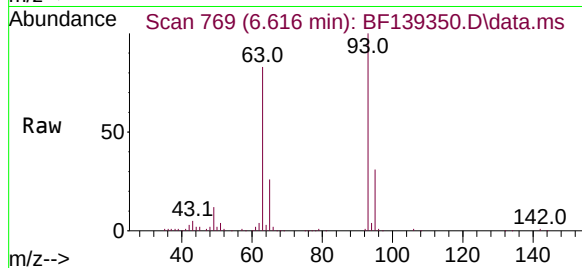
#11
bis(2-Chloroethyl)ether
Concen: 45.250 ng
RT: 6.616 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 93 Resp: 17114
Ion Ratio Lower Upper
93 100
63 83.4 65.3 105.3
95 31.2 12.4 52.4

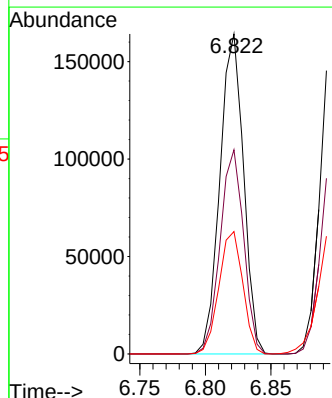
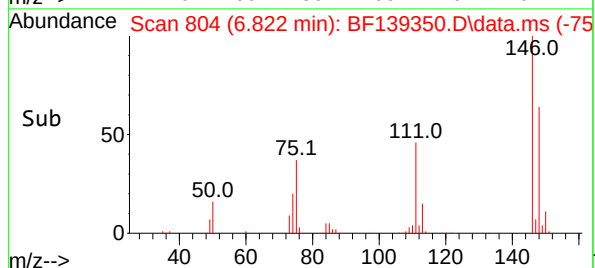
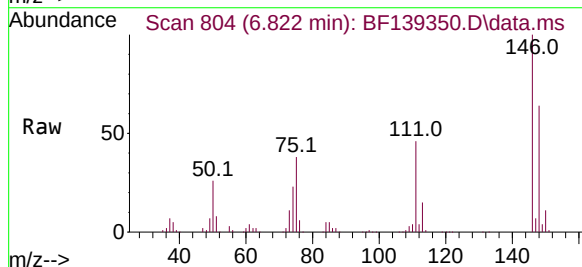
Manual Integrations
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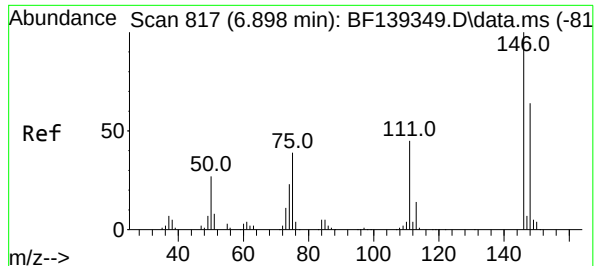
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#12
1,3-Dichlorobenzene
Concen: 47.192 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:146 Resp: 205651
Ion Ratio Lower Upper
146 100
148 63.8 51.2 76.8
75 38.2 30.6 46.0





#13

1,4-Dichlorobenzene

Concen: 47.460 ng

RT: 6.898 min Scan# 817

Delta R.T. -0.000 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion:146 Resp: 209000

Ion Ratio Lower Upper

146 100

148 62.4 50.9 76.3

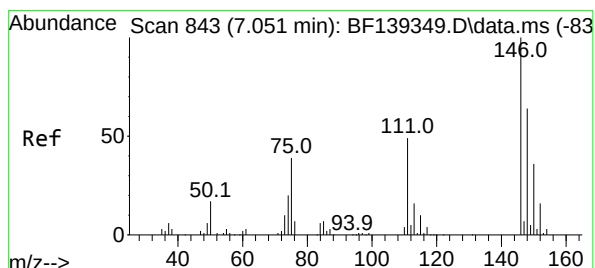
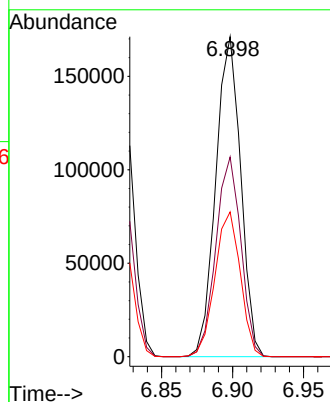
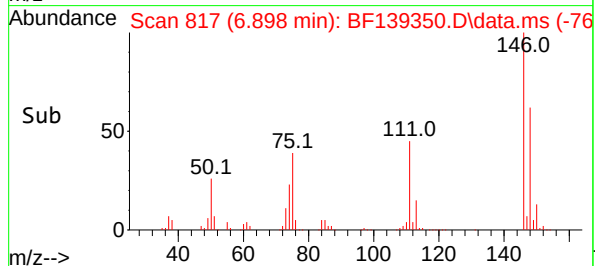
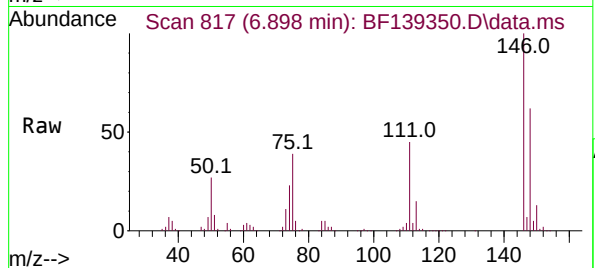
111 45.3 36.3 54.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#14

1,2-Dichlorobenzene

Concen: 47.464 ng

RT: 7.051 min Scan# 843

Delta R.T. -0.000 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

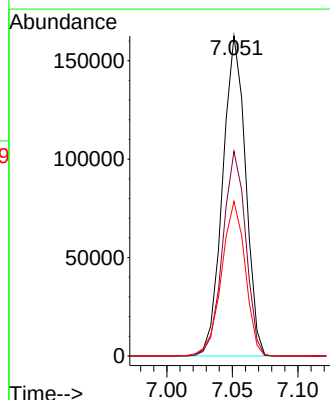
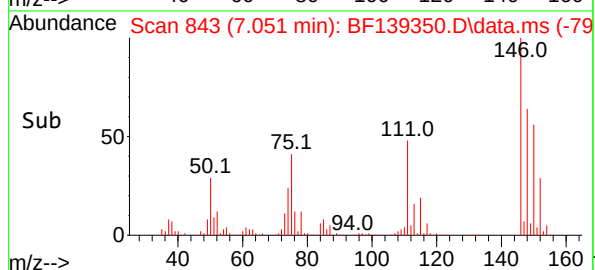
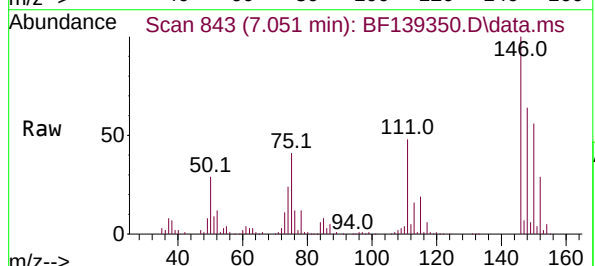
Tgt Ion:146 Resp: 197506

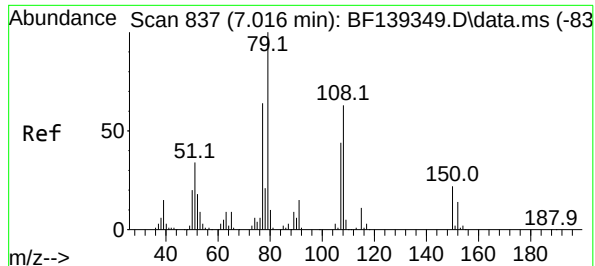
Ion Ratio Lower Upper

146 100

148 63.9 50.9 76.3

111 48.3 38.9 58.3





#15

Benzyl Alcohol

Concen: 47.524 ng

RT: 7.022 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 79 Resp: 18525

Ion Ratio Lower Upper

79 100

108 65.0 50.4 75.6

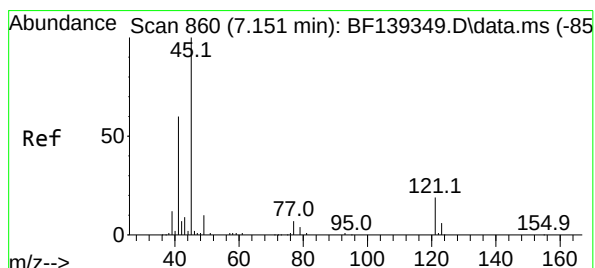
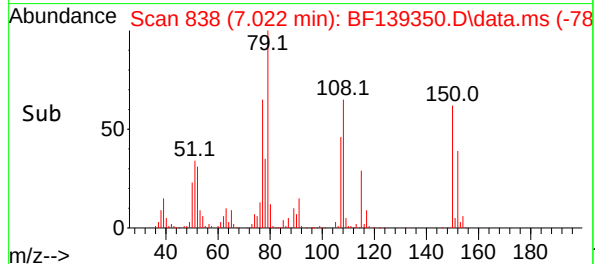
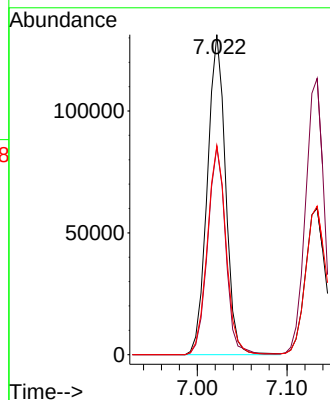
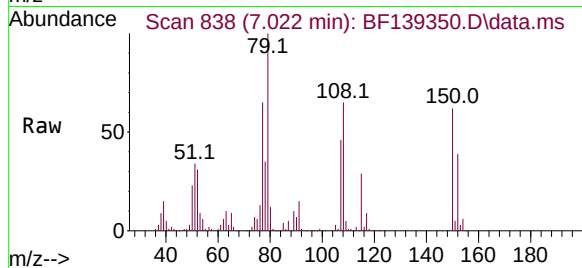
77 65.3 51.4 77.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.635 ng

RT: 7.157 min Scan# 861

Delta R.T. 0.006 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

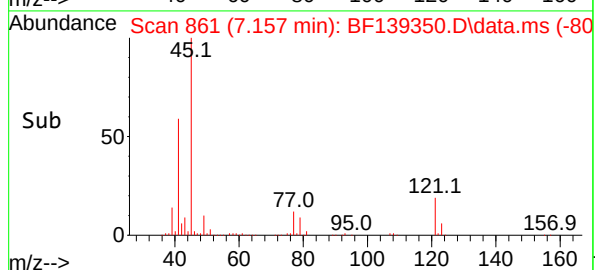
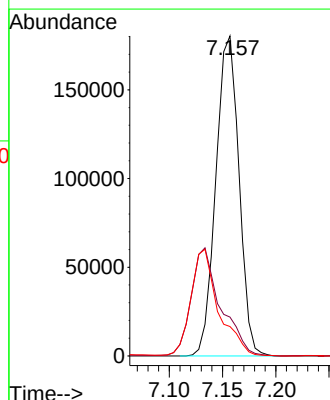
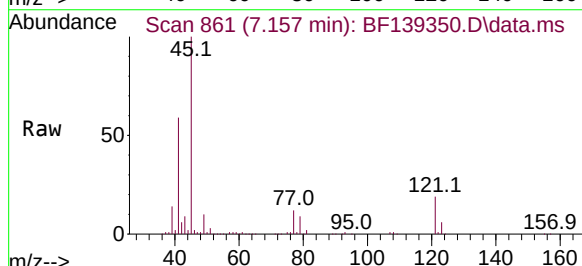
Tgt Ion: 45 Resp: 271832

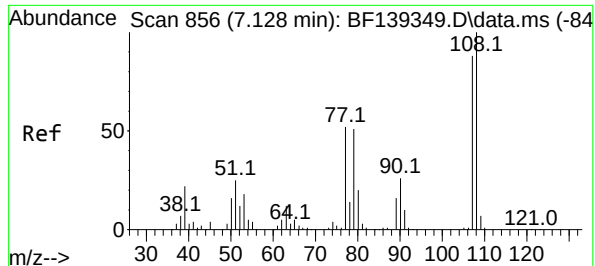
Ion Ratio Lower Upper

45 100

77 12.1 0.0 32.0

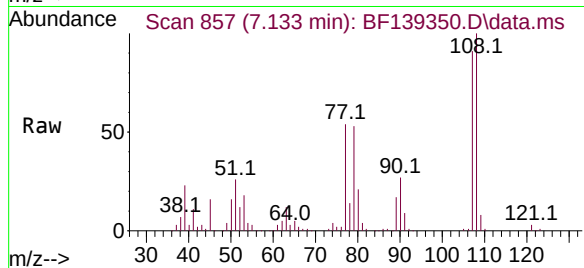
79 9.2 0.0 29.1





#17
2-Methylphenol
Concen: 47.496 ng
RT: 7.133 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

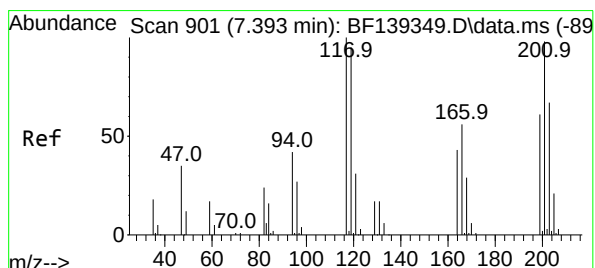
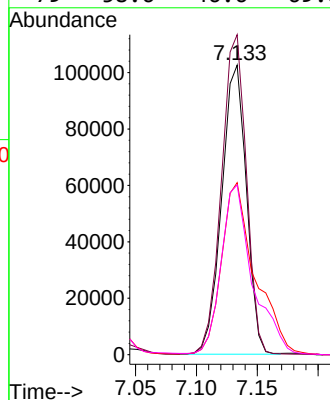
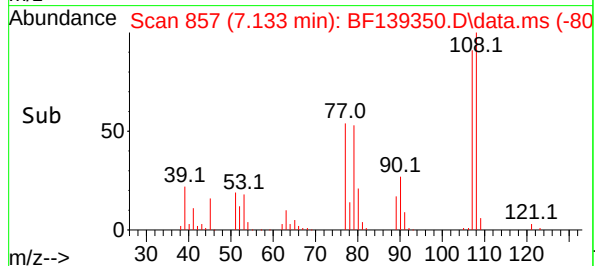
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:107 Resp: 144590
Ion Ratio Lower Upper
107 100
108 110.5 90.5 135.7
77 59.4 47.1 70.7
79 58.6 46.6 69.8

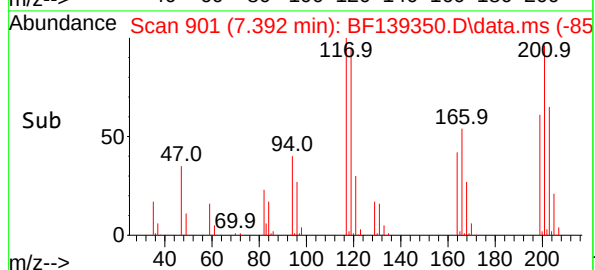
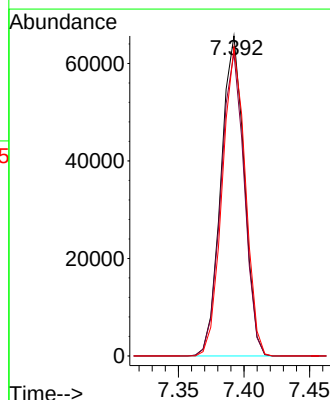
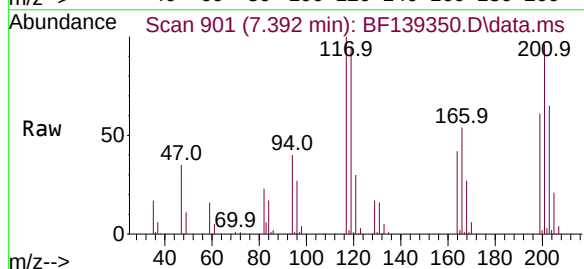
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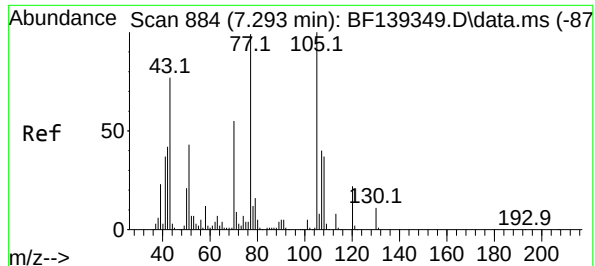
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#18
Hexachloroethane
Concen: 48.099 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:117 Resp: 80677
Ion Ratio Lower Upper
117 100
119 94.6 75.8 113.8
201 96.4 78.6 118.0





#19

n-Nitroso-di-n-propylamine

Concen: 47.836 ng

RT: 7.298 min Scan# 884

Delta R.T. 0.006 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 13850

Ion Ratio Lower Upper

70 100

42 75.8 61.2 91.8

101 9.4 7.5 11.3

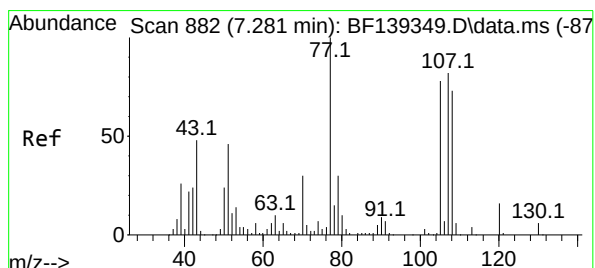
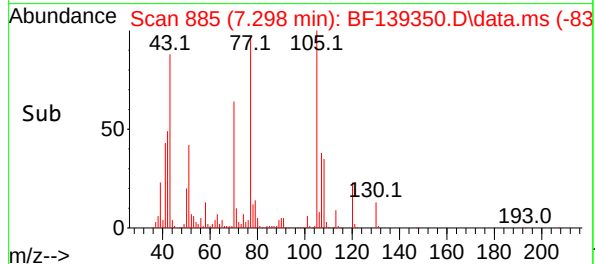
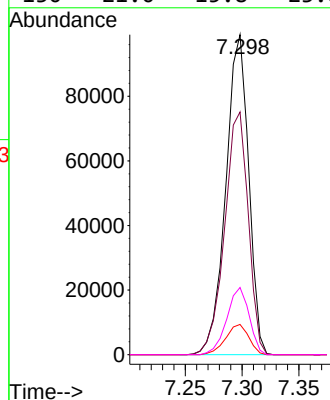
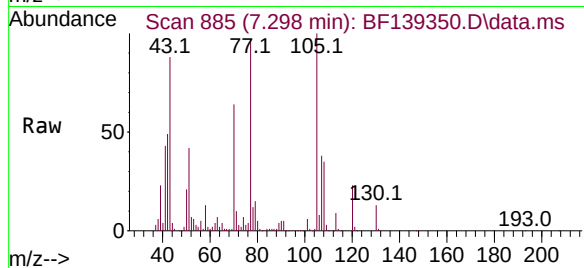
130 21.0 15.8 23.8

Manual Integrations

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Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#20

3+4-Methylphenols

Concen: 47.737 ng

RT: 7.286 min Scan# 883

Delta R.T. 0.006 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

Tgt Ion:107 Resp: 198277

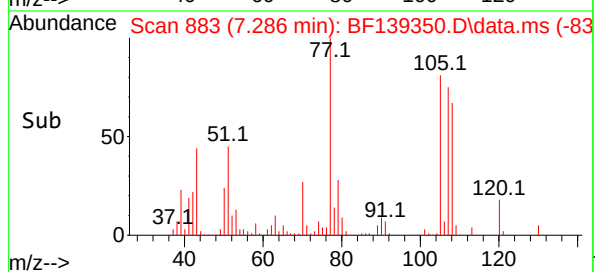
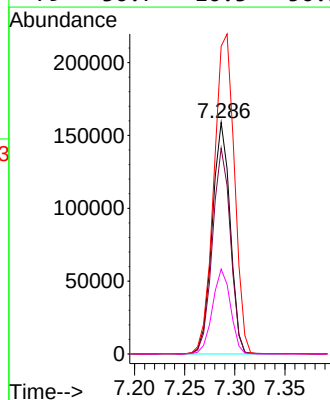
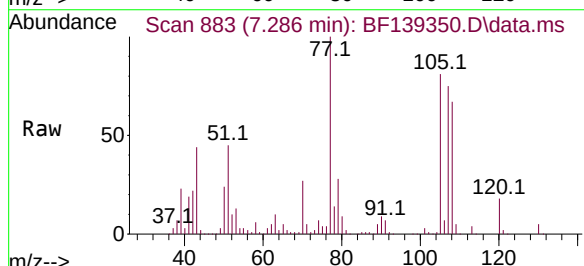
Ion Ratio Lower Upper

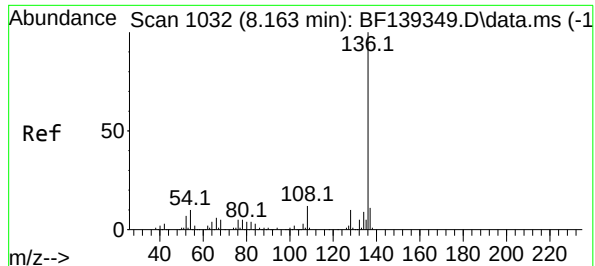
107 100

108 88.9 68.6 108.6

77 132.9 101.6 141.6

79 36.7 16.3 56.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1032

Delta R.T. -0.000 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:136 Resp: 21812

Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 9.4 7.8 11.8

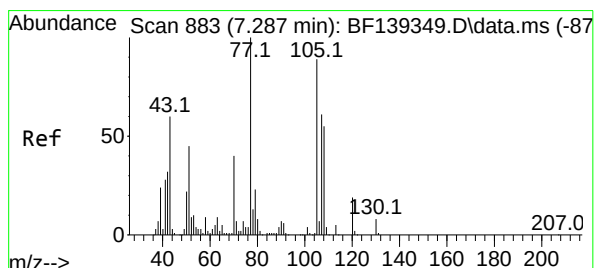
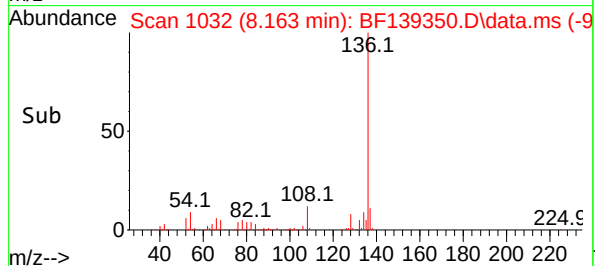
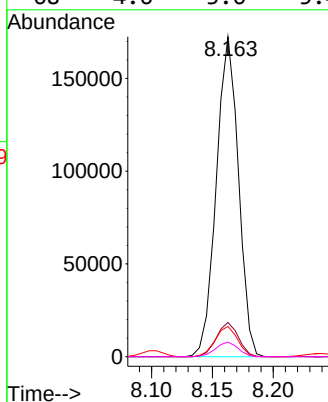
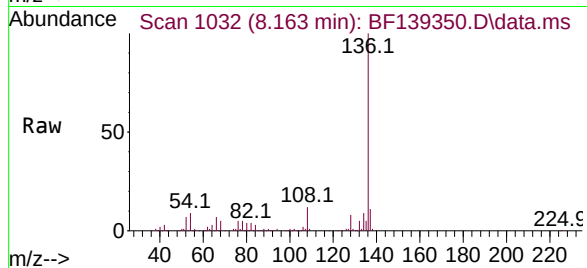
68 4.6 3.6 5.4

Manual Integrations

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Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#22

Acetophenone

Concen: 48.008 ng

RT: 7.292 min Scan# 884

Delta R.T. 0.006 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

Tgt Ion:105 Resp: 273758

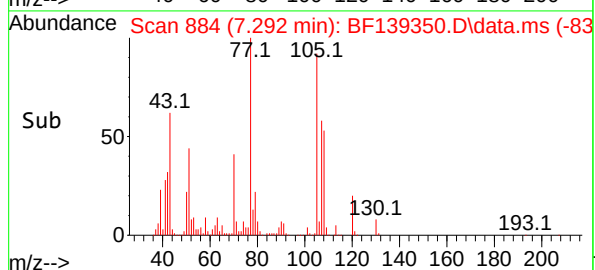
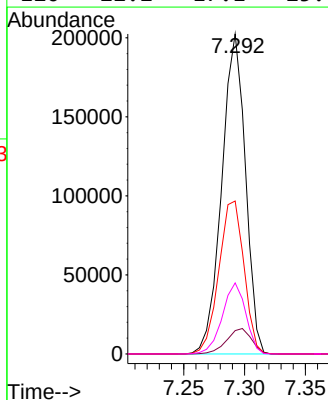
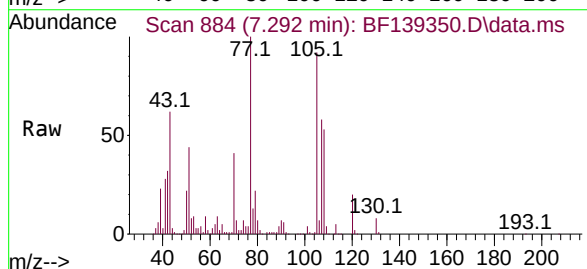
Ion Ratio Lower Upper

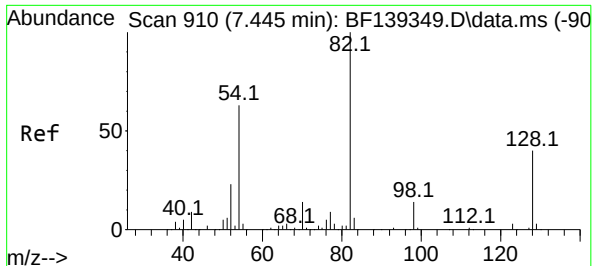
105 100

71 7.3 5.9 8.9

51 47.8 40.0 60.0

120 22.2 17.1 25.7





#23

Nitrobenzene-d5

Concen: 96.004 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 445430

Ion Ratio Lower Upper

82 100

128 39.1 31.8 47.6

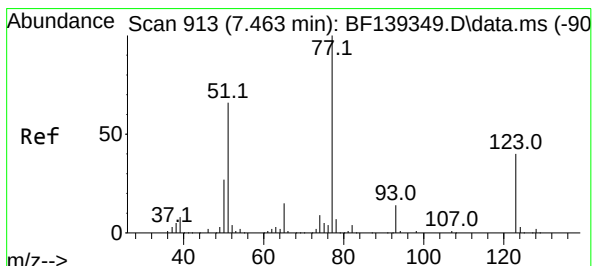
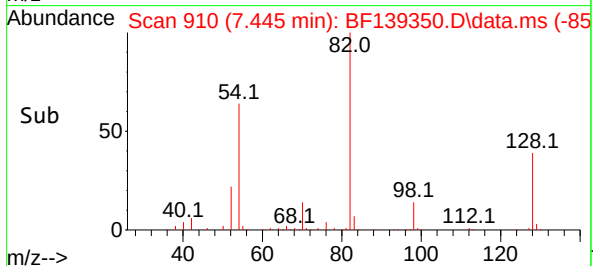
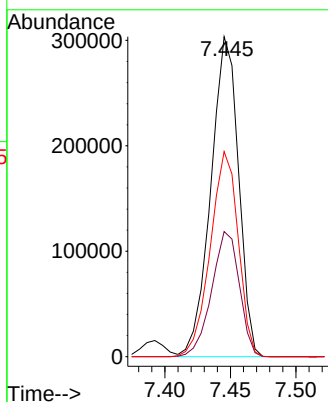
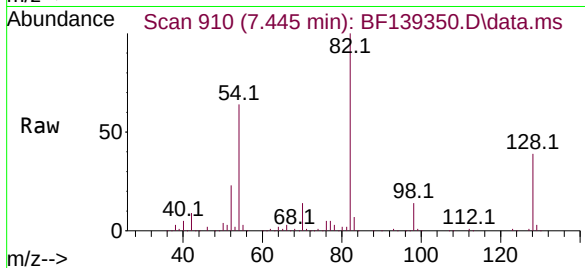
54 64.1 50.6 75.8

Manual Integrations

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Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#24

Nitrobenzene

Concen: 48.198 ng

RT: 7.469 min Scan# 914

Delta R.T. 0.006 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

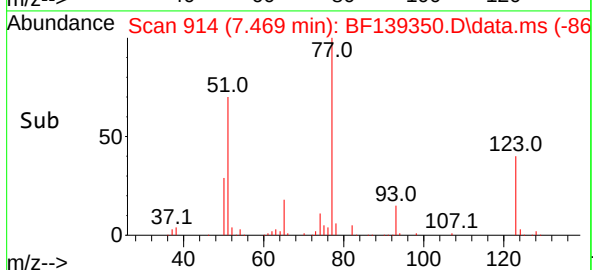
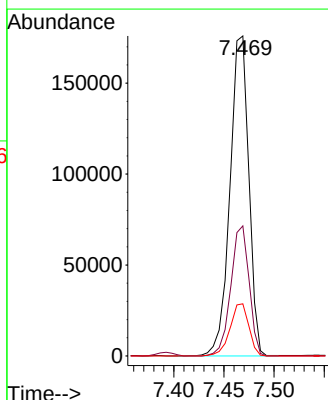
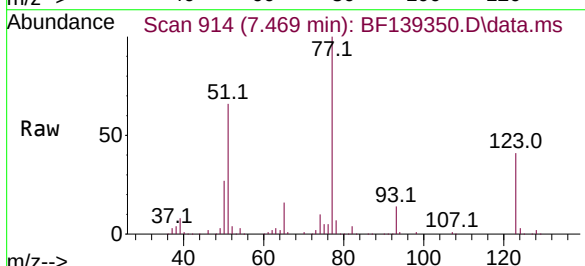
Tgt Ion: 77 Resp: 230160

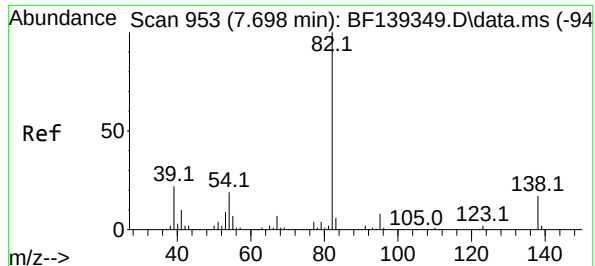
Ion Ratio Lower Upper

77 100

123 40.6 32.2 48.4

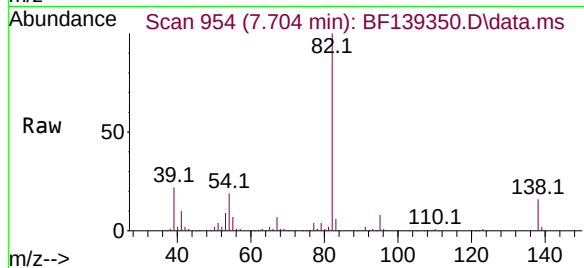
65 16.3 12.2 18.4





#25
Isophorone
Concen: 48.085 ng
RT: 7.704 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

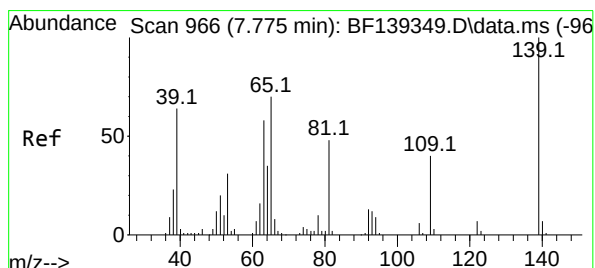
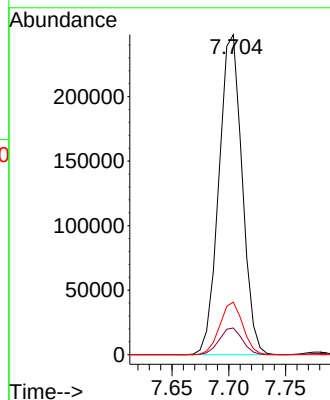
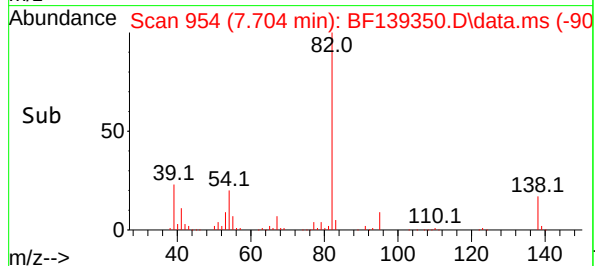
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion: 82 Resp: 352840
Ion Ratio Lower Upper
82 100
95 8.4 6.7 10.1
138 16.4 13.3 19.9

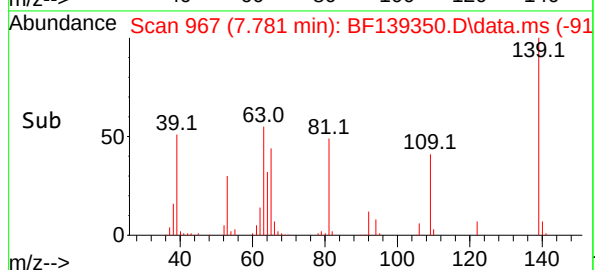
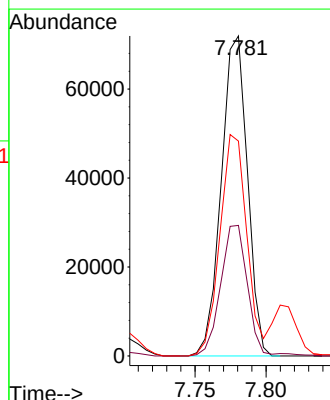
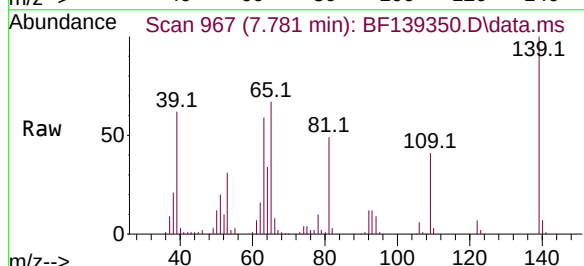
Manual Integrations
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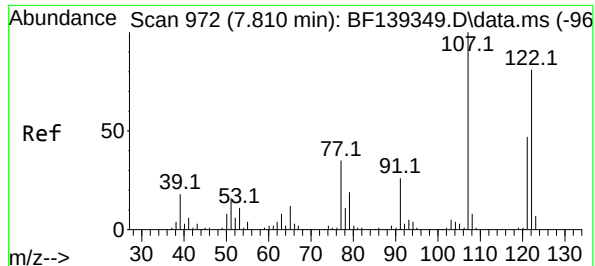
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#26
2-Nitrophenol
Concen: 49.564 ng
RT: 7.781 min Scan# 967
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:139 Resp: 92210
Ion Ratio Lower Upper
139 100
109 40.8 32.2 48.2
65 67.2 55.8 83.8





#27

2,4-Dimethylphenol

Concen: 48.567 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:122 Resp: 11918

Ion Ratio Lower Upper

122 100

107 124.4 99.1 148.7

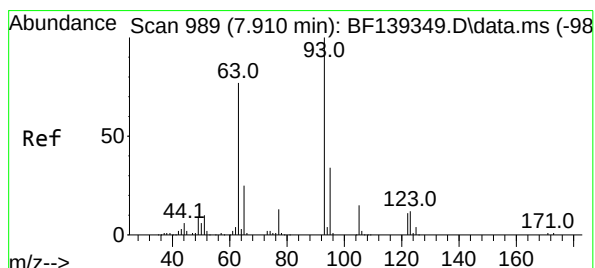
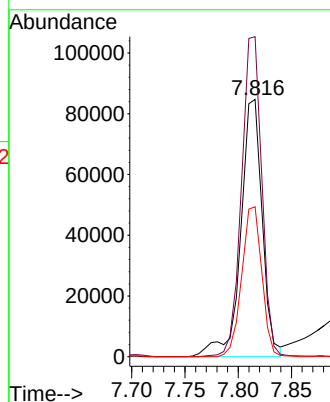
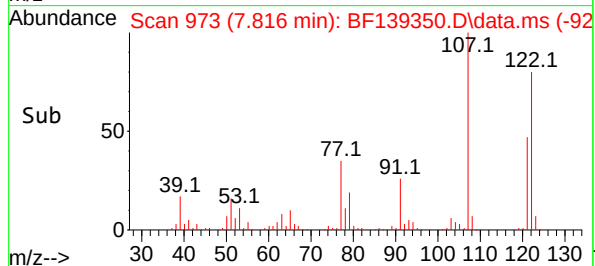
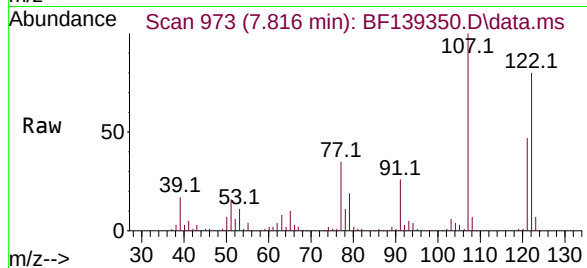
121 58.3 46.6 70.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#28

bis(2-Chloroethoxy)methane

Concen: 47.425 ng

RT: 7.910 min Scan# 989

Delta R.T. -0.000 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

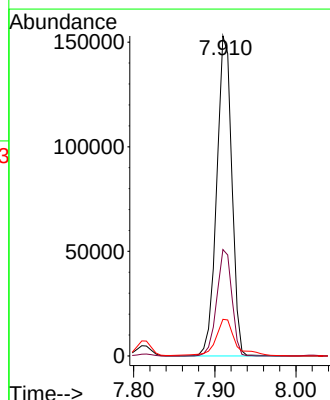
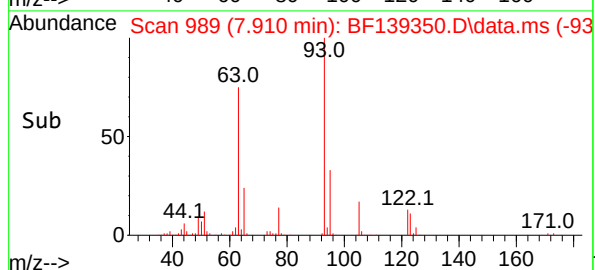
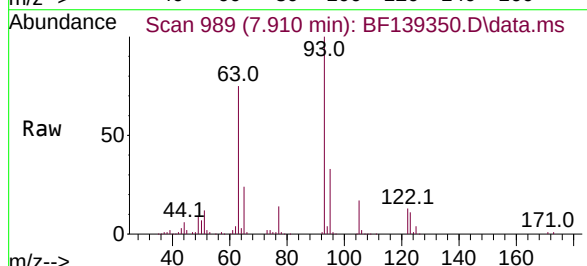
Tgt Ion: 93 Resp: 198334

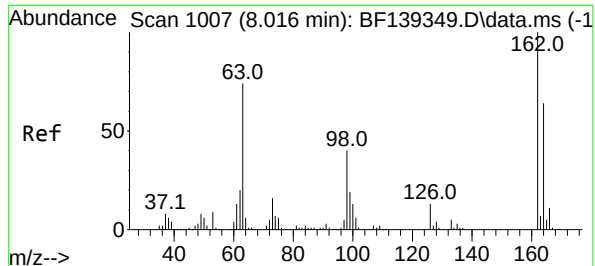
Ion Ratio Lower Upper

93 100

95 33.3 26.9 40.3

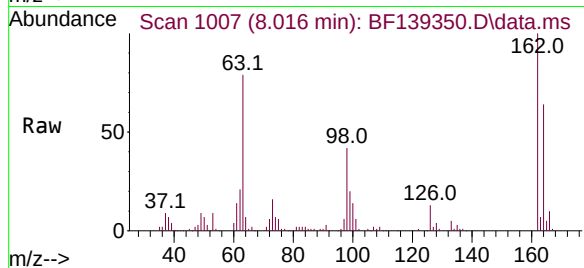
123 11.4 10.0 15.0





#29
2,4-Dichlorophenol
Concen: 47.525 ng
RT: 8.016 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

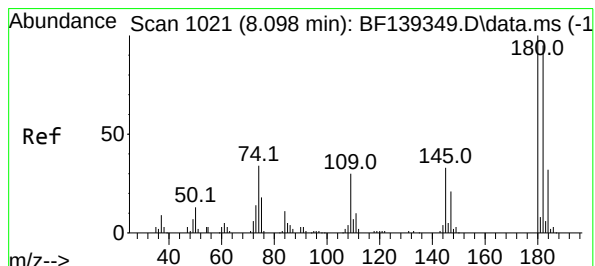
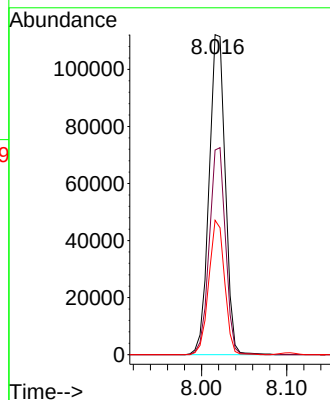
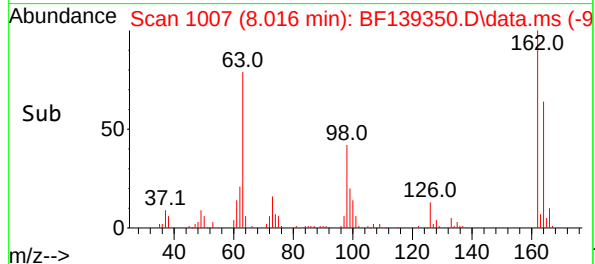
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



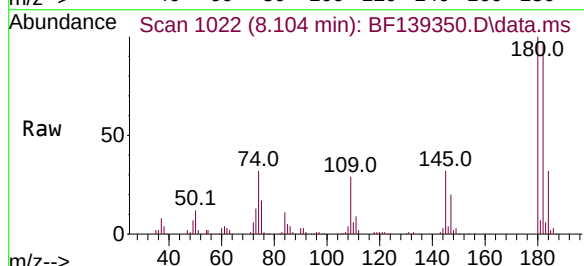
Tgt Ion:162 Resp: 14816
Ion Ratio Lower Upper
162 100
164 64.0 43.6 83.6
98 42.0 19.7 59.7

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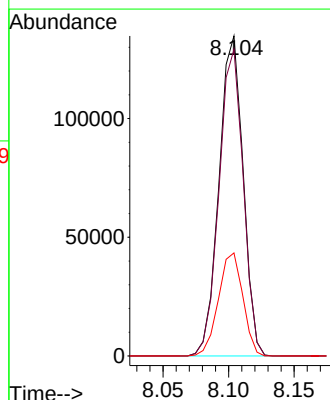
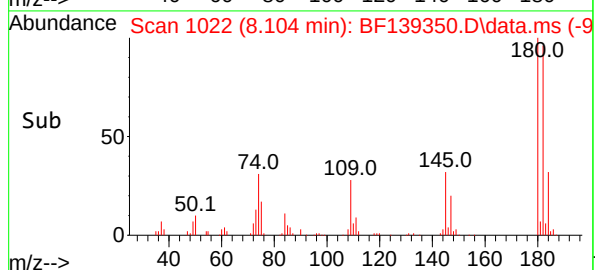
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

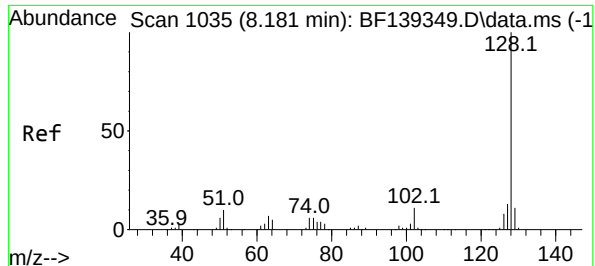


#30
1,2,4-Trichlorobenzene
Concen: 47.393 ng
RT: 8.104 min Scan# 1022
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51



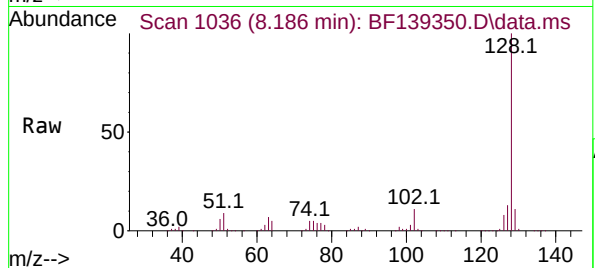
Tgt Ion:180 Resp: 172156
Ion Ratio Lower Upper
180 100
182 95.8 75.7 113.5
145 32.2 26.5 39.7





#31
Naphthalene
Concen: 48.024 ng
RT: 8.186 min Scan# 1036
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

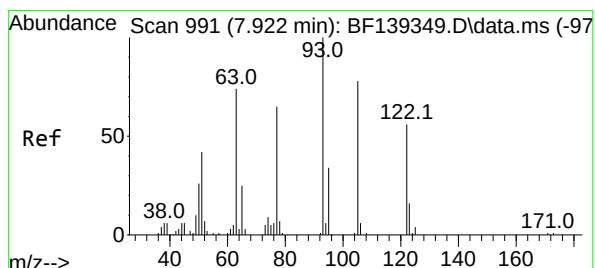
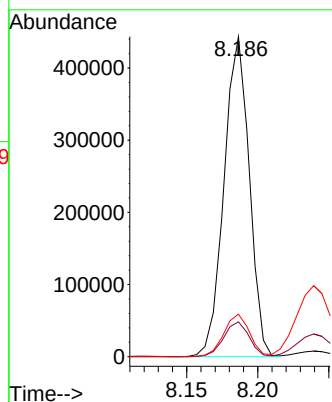
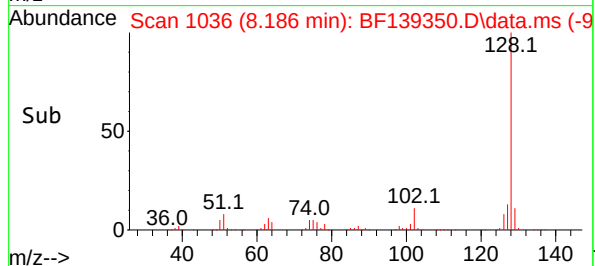
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:128 Resp: 54686
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.3 10.6 16.0

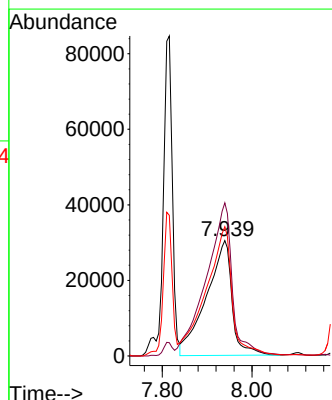
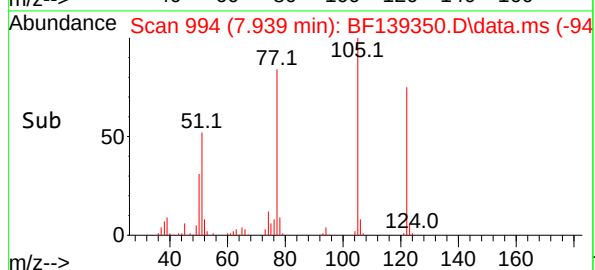
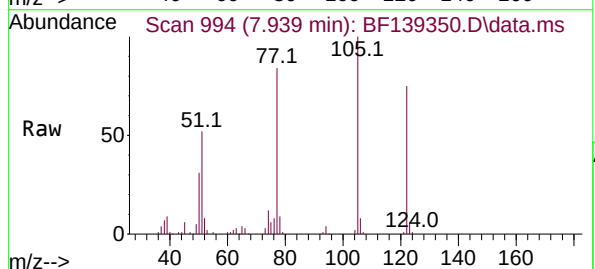
Manual Integrations
APPROVED

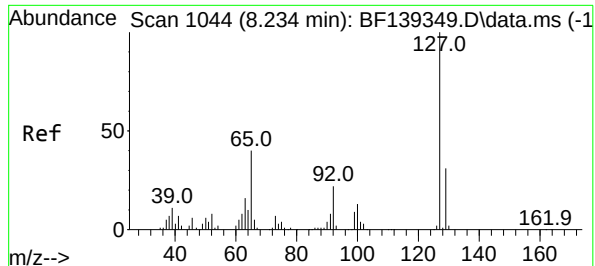
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#32
Benzoic acid
Concen: 52.273 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.017 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:122 Resp: 120521
Ion Ratio Lower Upper
122 100
105 132.7 117.1 157.1
77 112.1 95.4 135.4





#33

4-Chloroaniline

Concen: 47.818 ng

RT: 8.239 min Scan# 1045

Delta R.T. 0.006 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:127 Resp: 16658

Ion Ratio Lower Upper

127 100

129 32.0 25.5 38.3

65 38.9 31.5 47.3

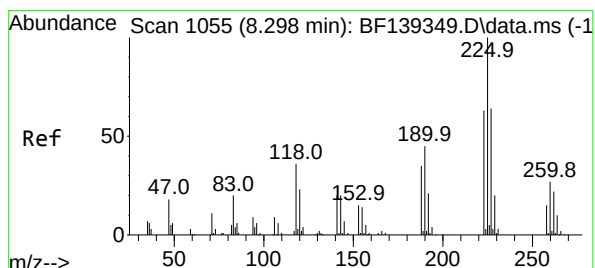
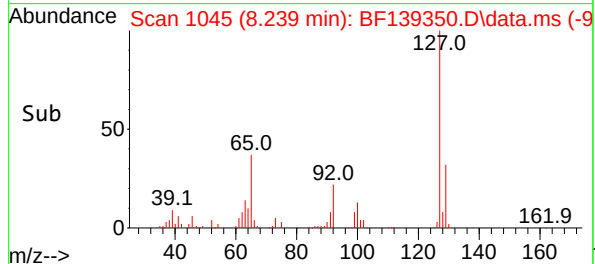
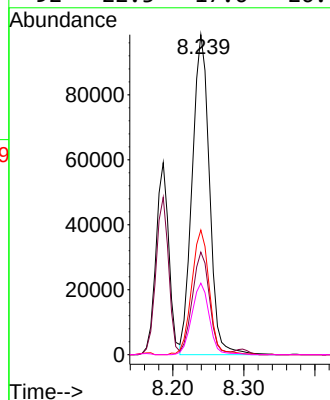
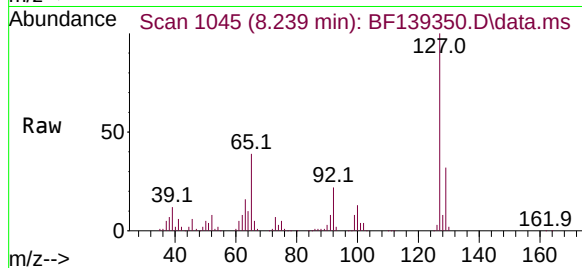
92 22.3 17.6 26.4

Manual Integrations

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Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#34

Hexachlorobutadiene

Concen: 48.681 ng

RT: 8.298 min Scan# 1055

Delta R.T. -0.000 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

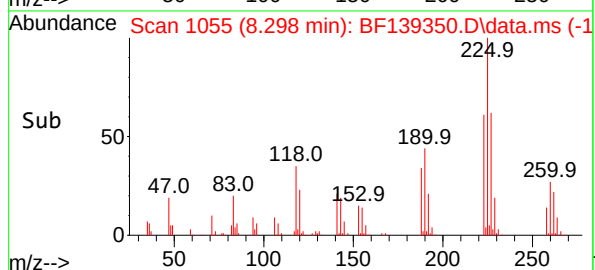
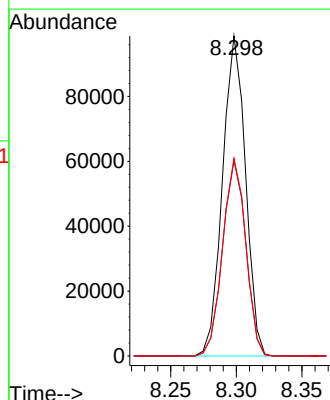
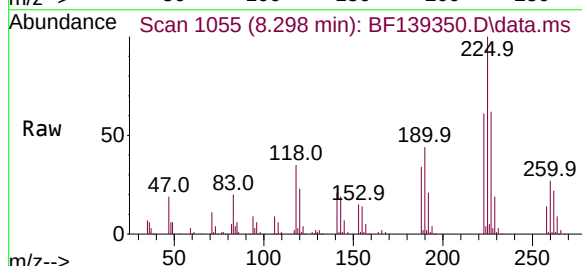
Tgt Ion:225 Resp: 120140

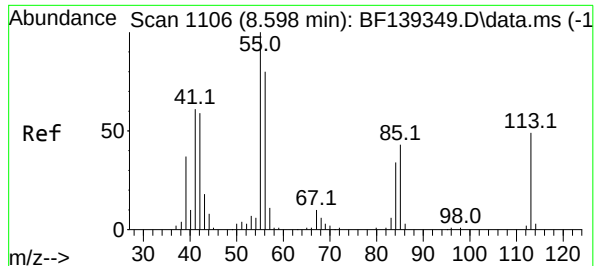
Ion Ratio Lower Upper

225 100

223 61.0 50.1 75.1

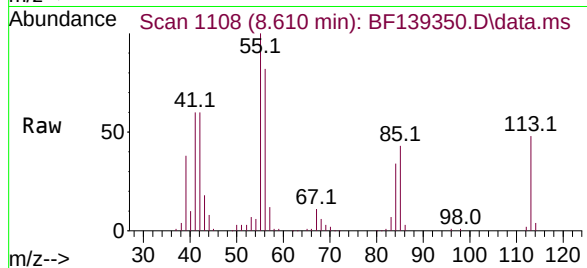
227 61.8 51.0 76.6





#35
Caprolactam
Concen: 47.092 ng
RT: 8.610 min Scan# 1108
Delta R.T. 0.011 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

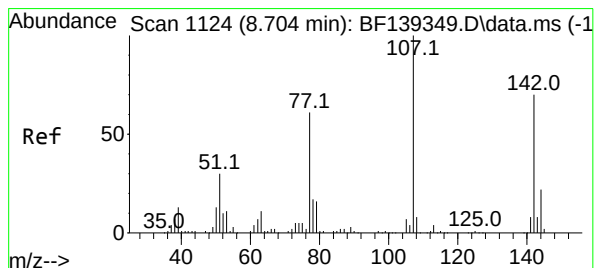
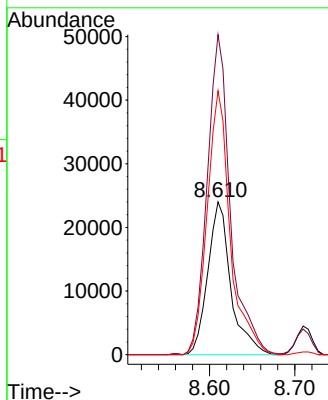
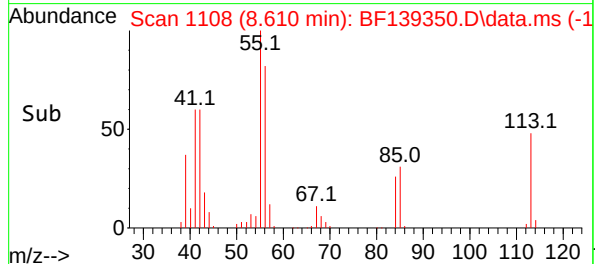
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



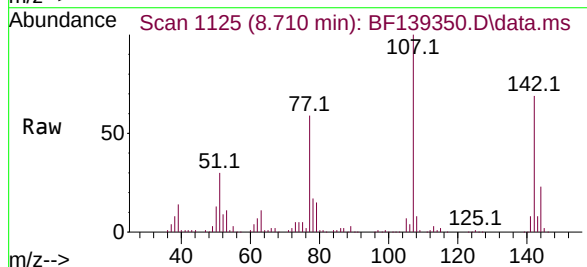
Tgt Ion:113 Resp: 45162
Ion Ratio Lower Upper
113 100
55 209.4 186.1 226.1
56 172.7 144.9 184.9

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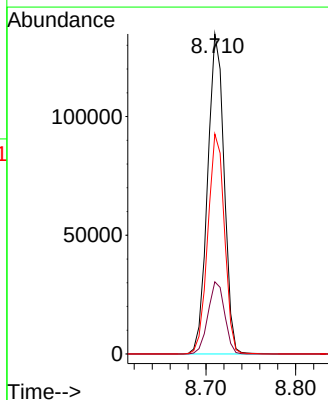
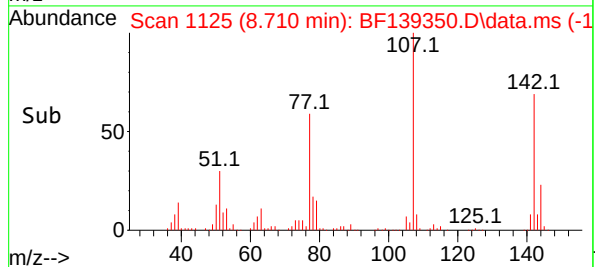
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

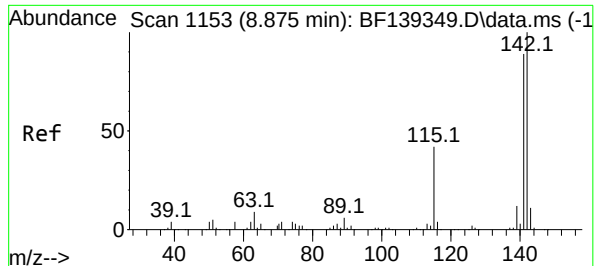


#36
4-Chloro-3-methylphenol
Concen: 48.284 ng
RT: 8.710 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51



Tgt Ion:107 Resp: 172036
Ion Ratio Lower Upper
107 100
144 22.6 17.5 26.3
142 68.8 55.8 83.8





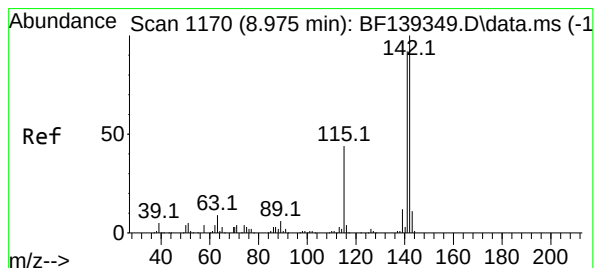
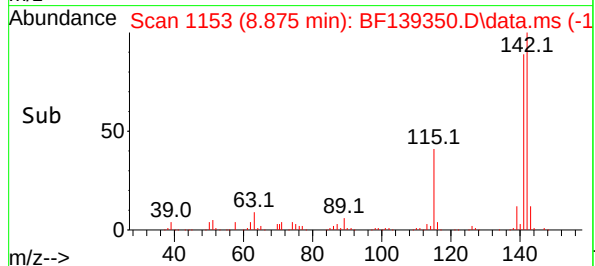
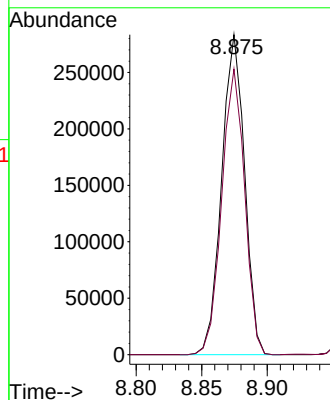
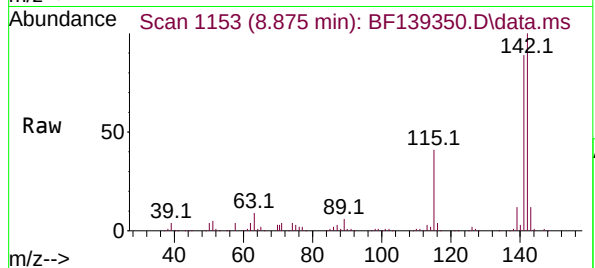
#37
2-Methylnaphthalene
Concen: 47.601 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:142 Resp: 344052
Ion Ratio Lower Upper
142 100
141 89.2 71.6 107.4

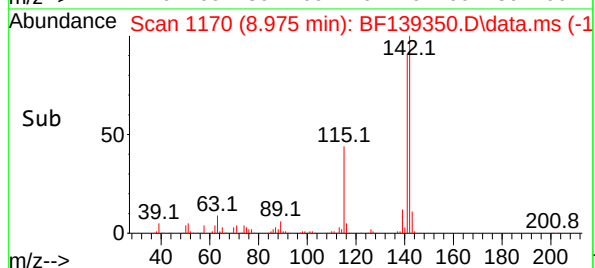
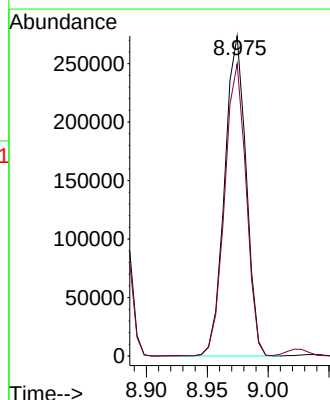
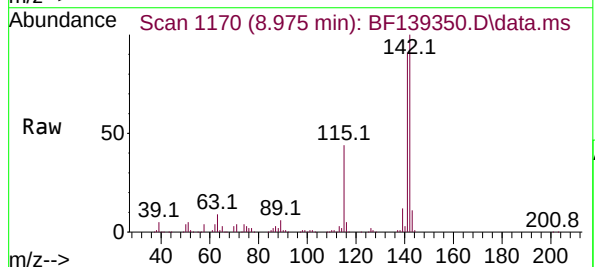
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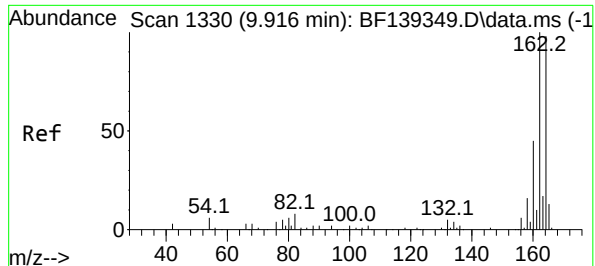
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#38
1-Methylnaphthalene
Concen: 47.357 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:142 Resp: 336046
Ion Ratio Lower Upper
142 100
141 91.4 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF139350.D

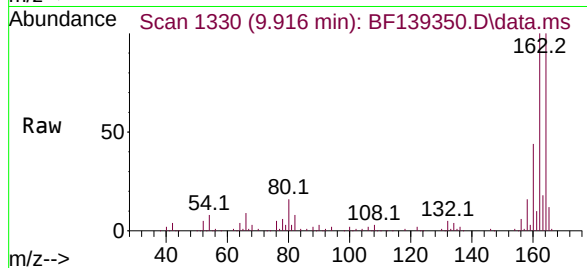
Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



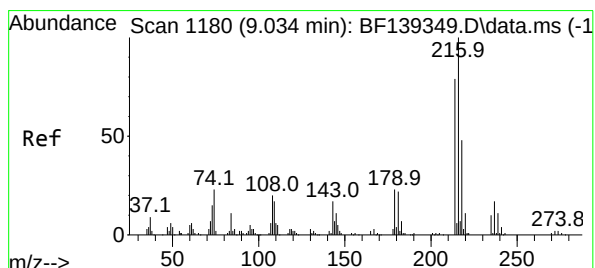
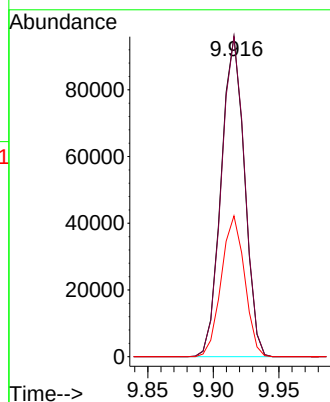
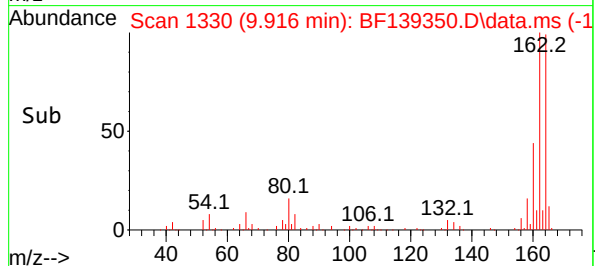
Tgt Ion:164	Resp: 118314
Ion Ratio	Lower Upper
164	100
162	100.0 81.3 121.9
160	44.0 36.4 54.6

Manual Integrations

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Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#40

1,2,4,5-Tetrachlorobenzene

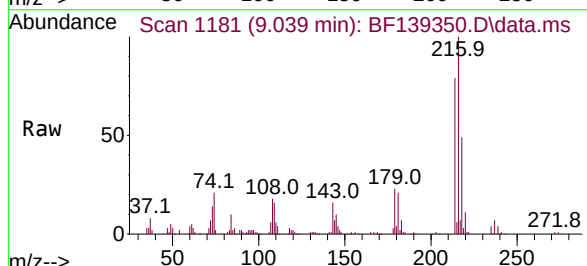
Concen: 47.964 ng

RT: 9.039 min Scan# 1181

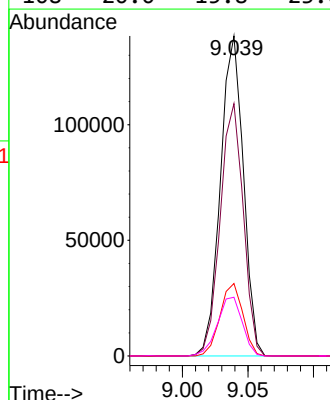
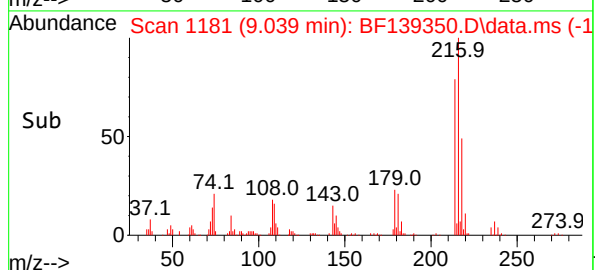
Delta R.T. 0.006 min

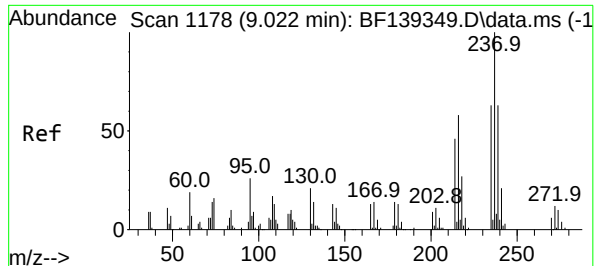
Lab File: BF139350.D

Acq: 13 Sep 2024 17:51



Tgt Ion:216	Resp: 168182
Ion Ratio	Lower Upper
216	100
214	79.1 63.4 95.0
179	22.7 18.2 27.2
108	20.0 15.8 23.6





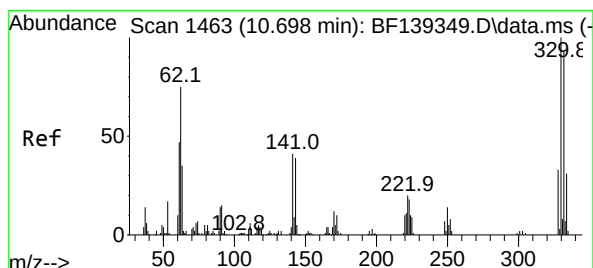
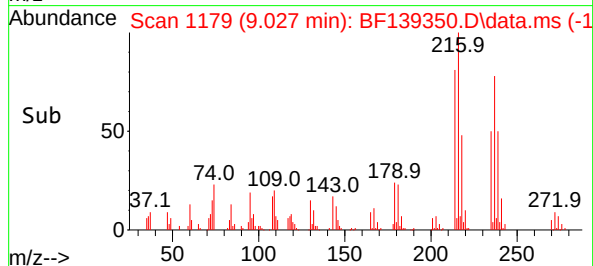
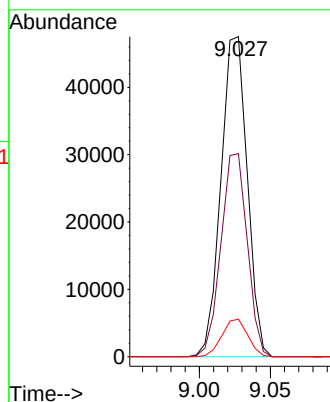
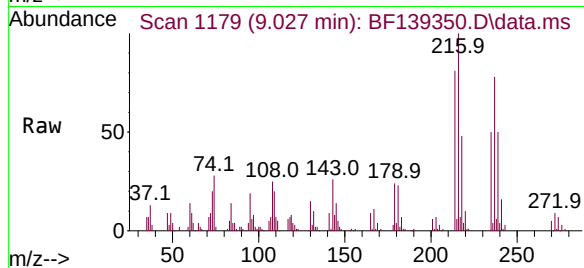
#41
Hexachlorocyclopentadiene
Concen: 50.004 ng
RT: 9.027 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:237 Resp: 61220
Ion Ratio Lower Upper
237 100
235 63.5 42.7 82.7
272 11.7 0.0 32.5

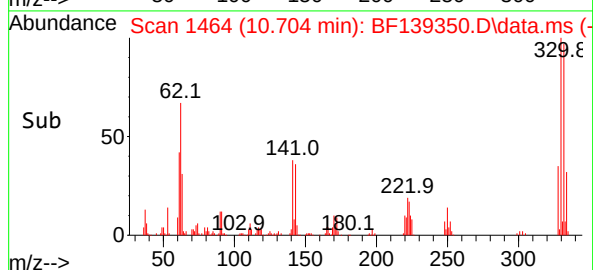
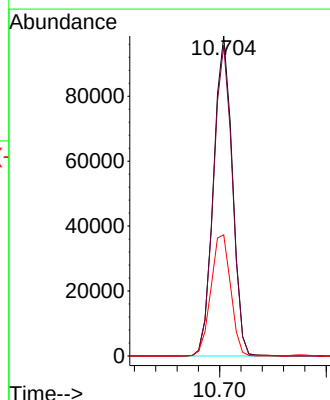
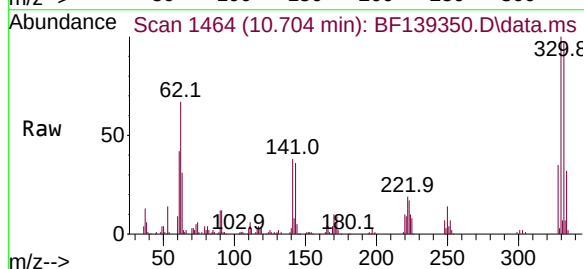
Manual Integrations
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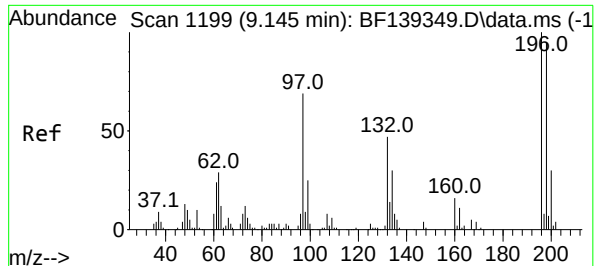
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#42
2,4,6-Tribromophenol
Concen: 95.604 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

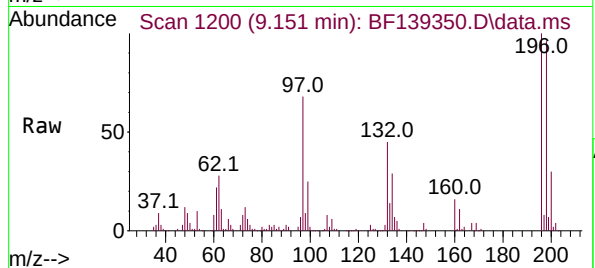
Tgt Ion:330 Resp: 120422
Ion Ratio Lower Upper
330 100
332 97.4 75.2 112.8
141 39.7 31.2 46.8





#43
2,4,6-Trichlorophenol
Concen: 47.923 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

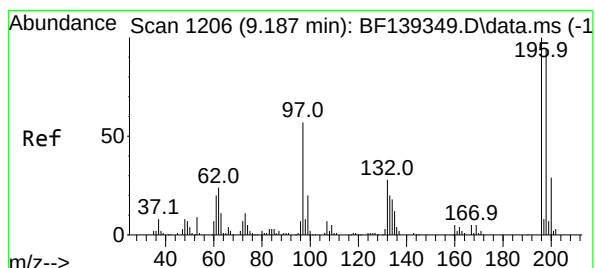
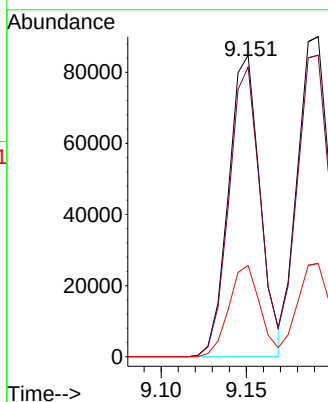
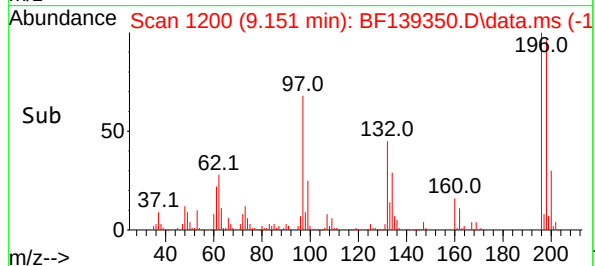
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:196 Resp: 10932
Ion Ratio Lower Upper
196 100
198 96.1 75.8 113.6
200 30.2 24.1 36.1

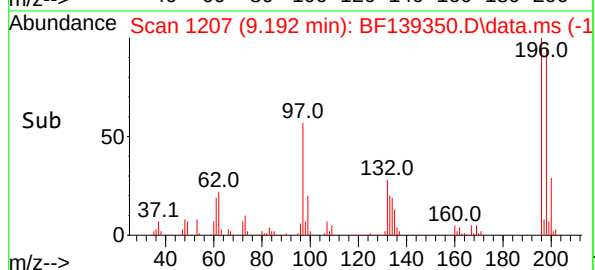
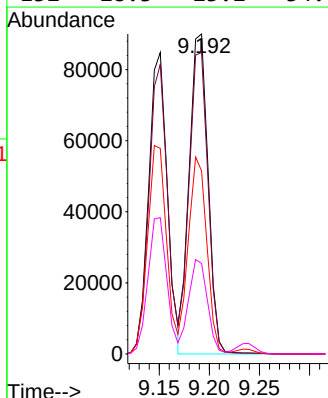
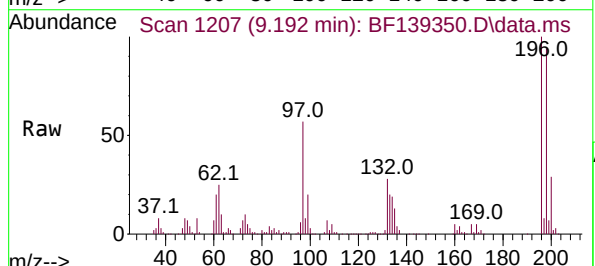
Manual Integrations
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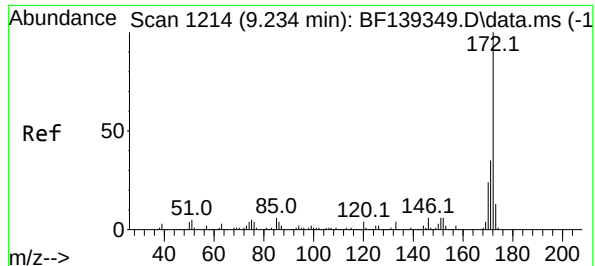
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#44
2,4,5-Trichlorophenol
Concen: 49.117 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

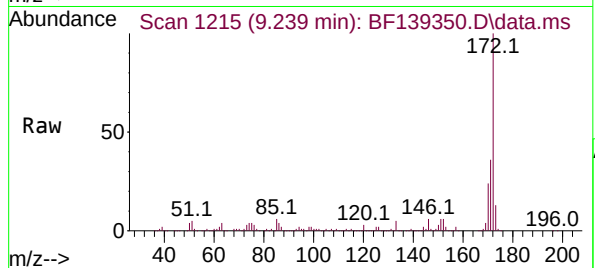
Tgt Ion:196 Resp: 118193
Ion Ratio Lower Upper
196 100
198 94.2 74.8 112.2
97 57.2 47.3 70.9
132 28.3 23.2 34.8





#45
2-Fluorobiphenyl
Concen: 95.192 ng
RT: 9.239 min Scan# 1214
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

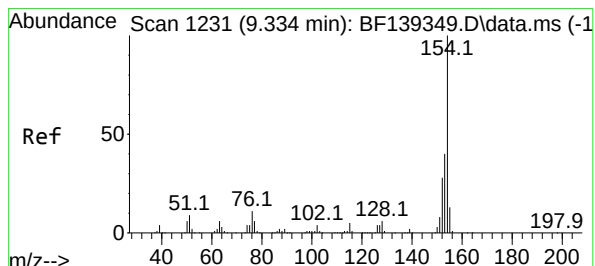
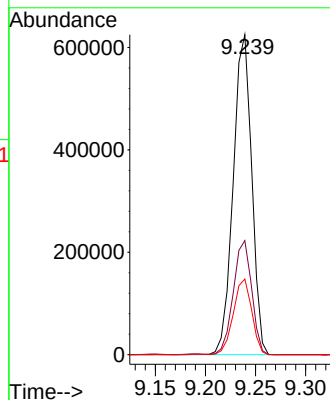
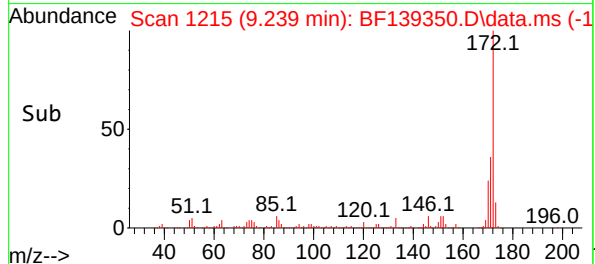
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:172 Resp: 80302
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.7 19.0 28.6

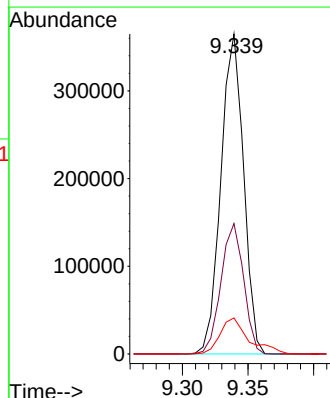
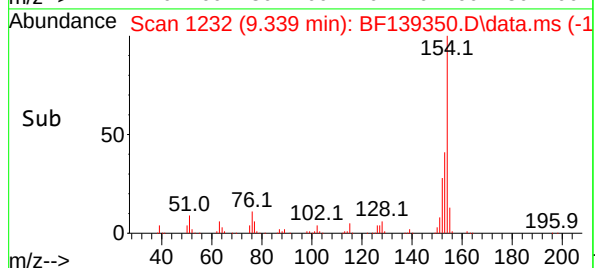
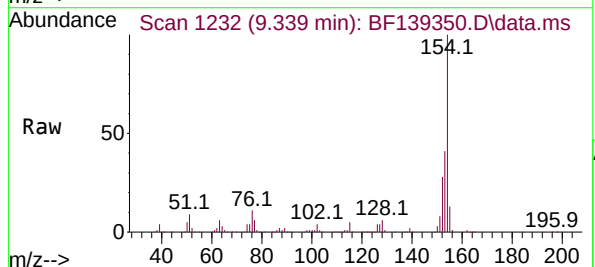
Manual Integrations
APPROVED

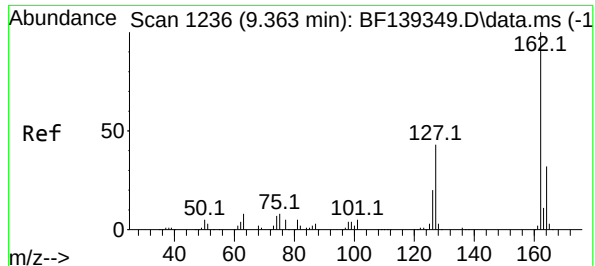
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#46
1,1'-Biphenyl
Concen: 48.070 ng
RT: 9.339 min Scan# 1232
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:154 Resp: 437548
Ion Ratio Lower Upper
154 100
153 40.8 20.1 60.1
76 11.2 0.0 31.1





#47

2-Chloronaphthalene

Concen: 48.505 ng

RT: 9.363 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF139350.D

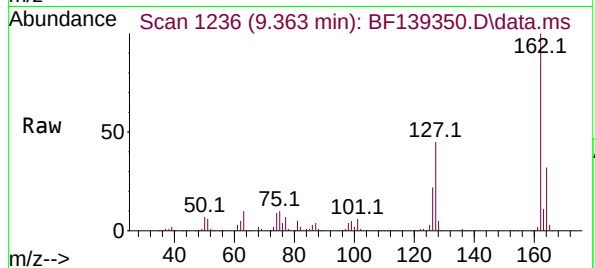
Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:162 Resp: 330109

Ion Ratio Lower Upper

162 100

127 44.7 35.0 52.4

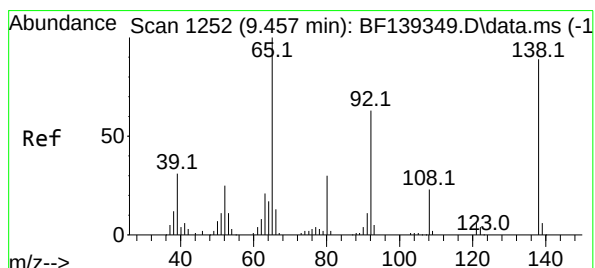
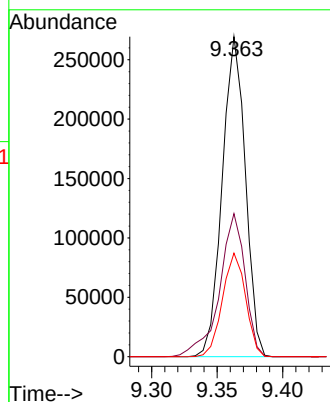
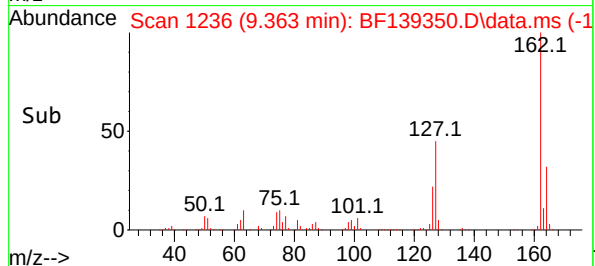
164 32.4 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#48

2-Nitroaniline

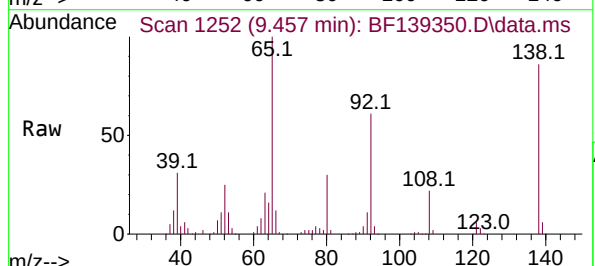
Concen: 49.987 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51



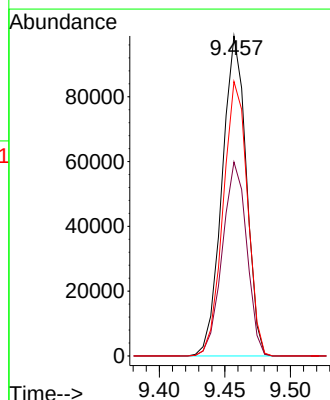
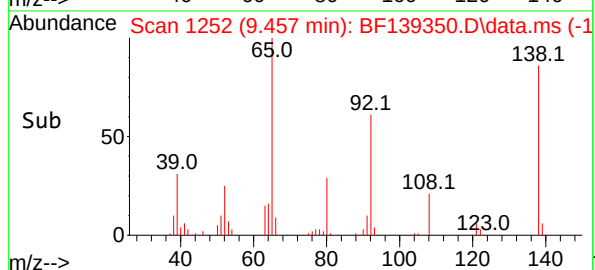
Tgt Ion: 65 Resp: 126535

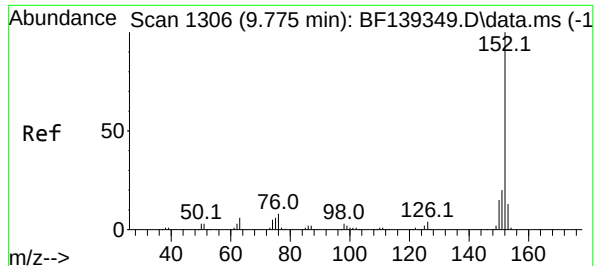
Ion Ratio Lower Upper

65 100

92 60.6 50.3 75.5

138 85.7 71.3 106.9





#49

Acenaphthylene

Concen: 48.531 ng

RT: 9.780 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

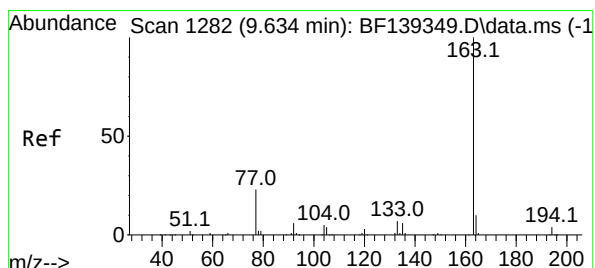
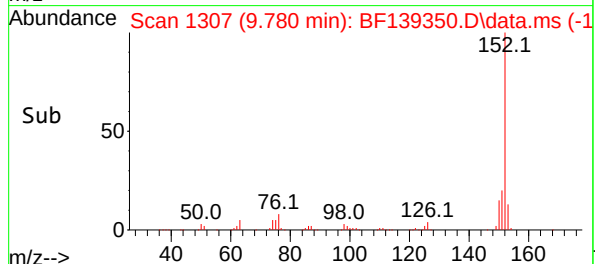
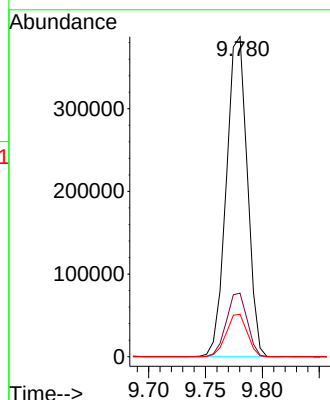
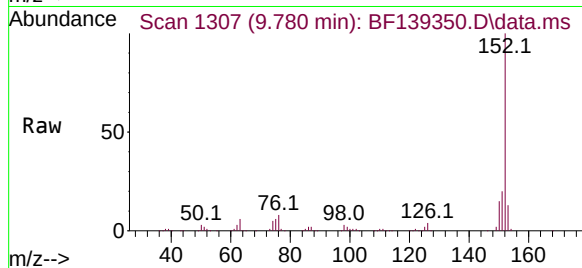
Tgt Ion:	152	Resp:	497184
Ion Ratio	Lower	Upper	
152	100		
151	19.8	16.2	24.2
153	13.2	10.3	15.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#50

Dimethylphthalate

Concen: 47.723 ng

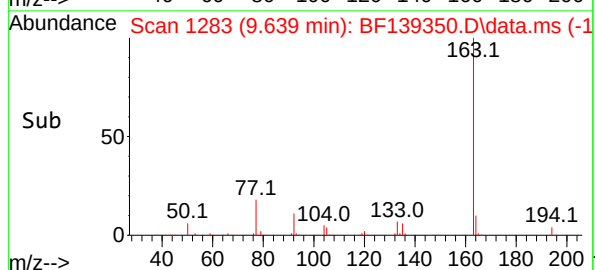
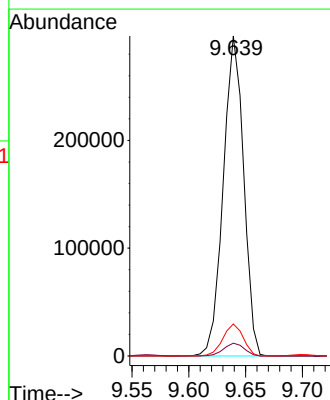
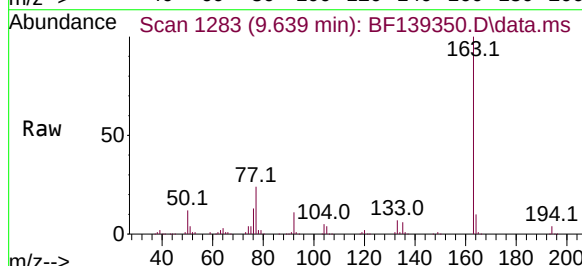
RT: 9.639 min Scan# 1283

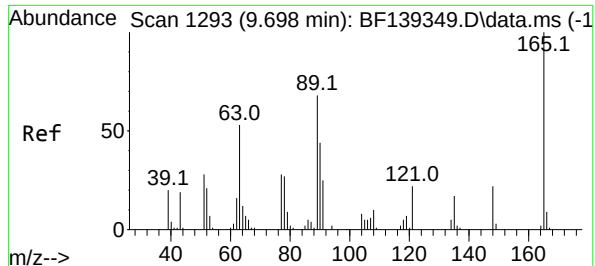
Delta R.T. 0.006 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

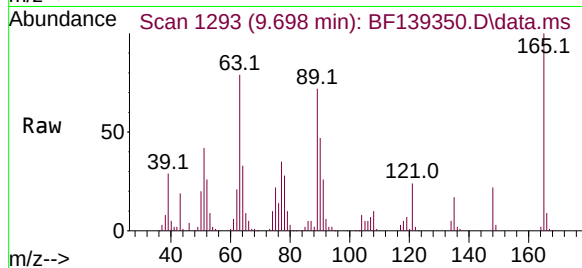
Tgt Ion:	163	Resp:	370588
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.1	4.7
164	10.0	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 49.939 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

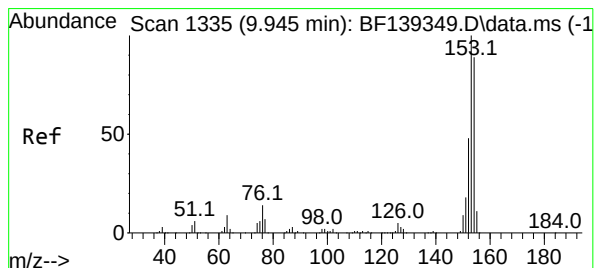
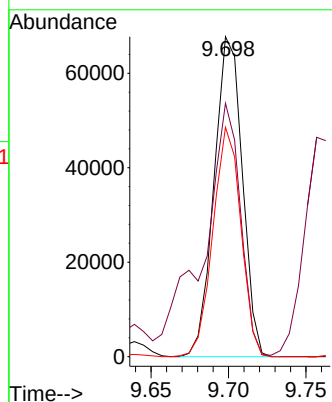
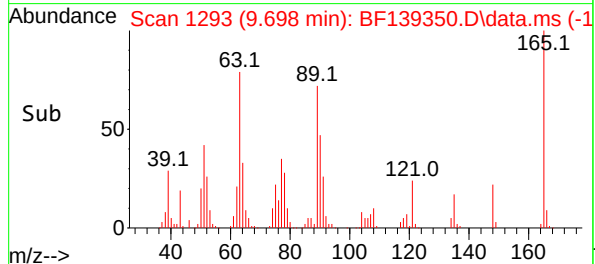
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:165 Resp: 85910
Ion Ratio Lower Upper
165 100
63 79.2 60.9 91.3
89 71.7 54.7 82.1

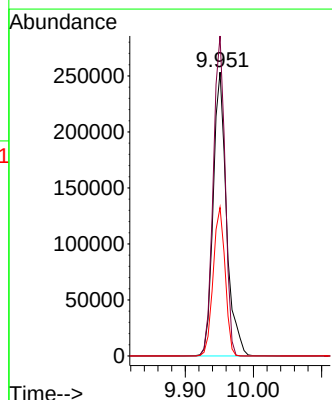
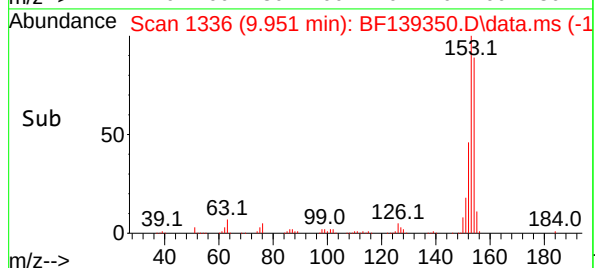
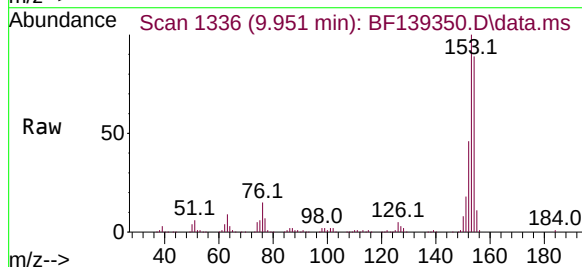
Manual Integrations
APPROVED

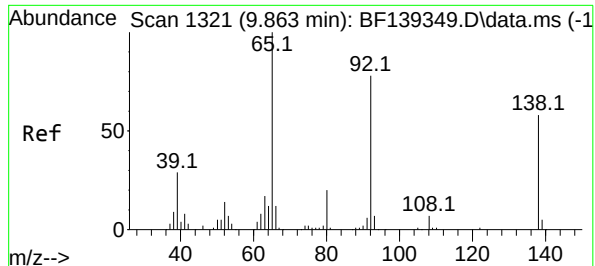
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#52
Acenaphthene
Concen: 48.356 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

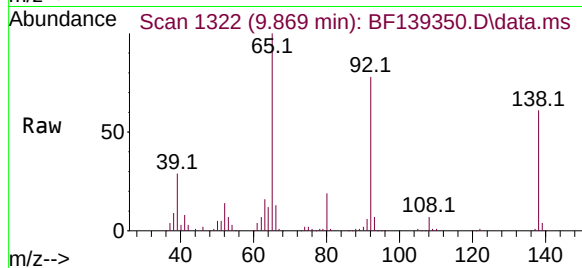
Tgt Ion:154 Resp: 345749
Ion Ratio Lower Upper
154 100
153 112.8 89.5 134.3
152 52.3 42.6 64.0





#53
3-Nitroaniline
Concen: 48.815 ng
RT: 9.869 min Scan# 1321
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

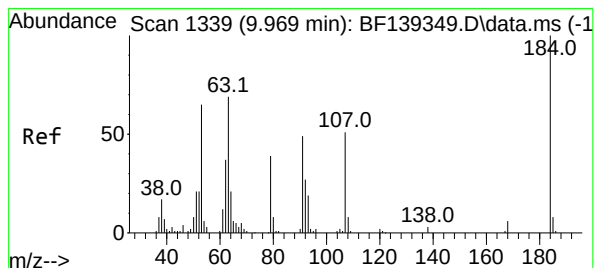
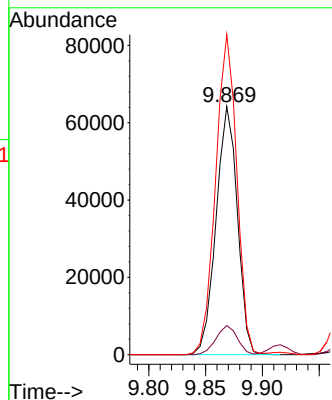
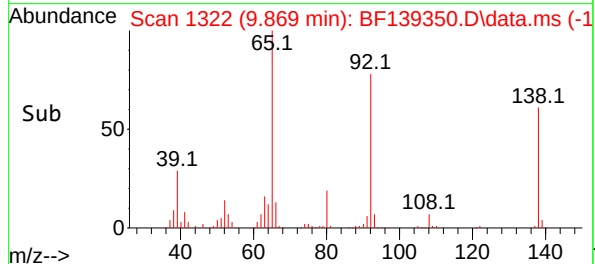
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:138 Resp: 83924
Ion Ratio Lower Upper
138 100
108 11.7 9.8 14.8
92 128.9 107.4 161.2

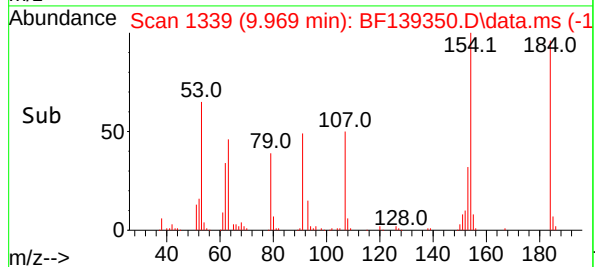
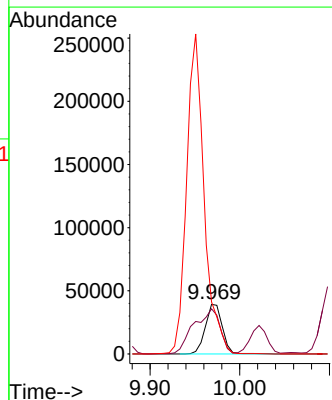
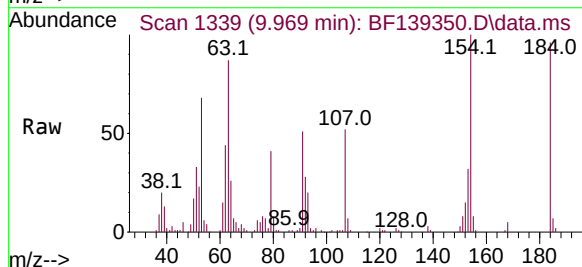
Manual Integrations
APPROVED

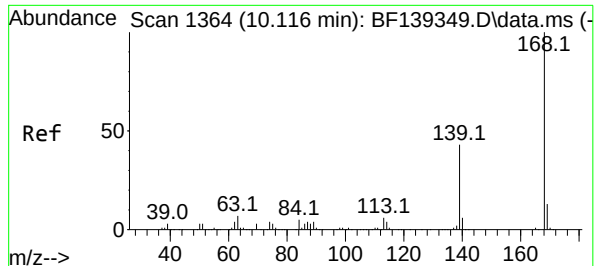
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#54
2,4-Dinitrophenol
Concen: 57.104 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

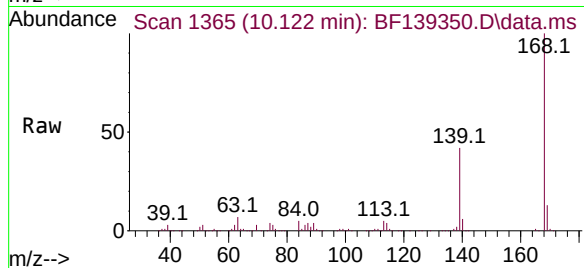
Tgt Ion:184 Resp: 51497
Ion Ratio Lower Upper
184 100
63 90.8 69.3 103.9
154 104.7 67.5 101.3#





#55
Dibenzenofuran
Concen: 47.477 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

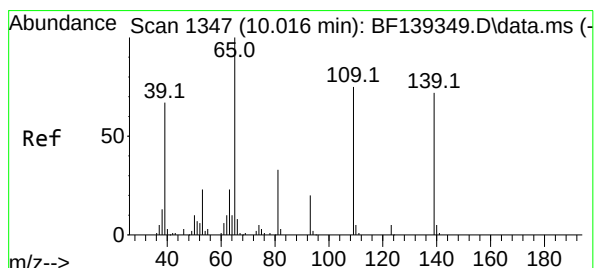
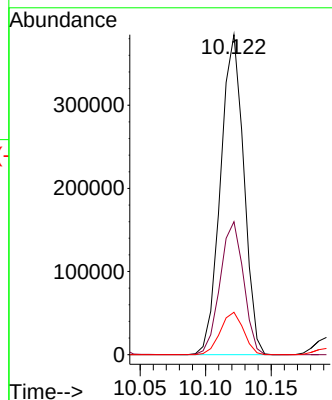
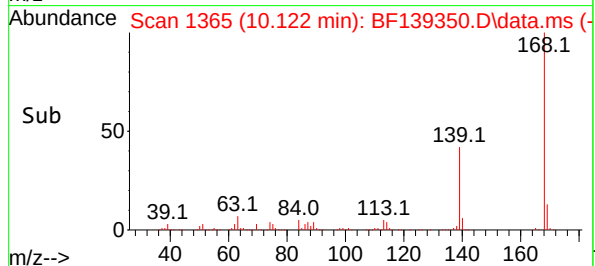
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:168 Resp: 47314
Ion Ratio Lower Upper
168 100
139 41.5 34.1 51.1
169 13.2 10.5 15.7

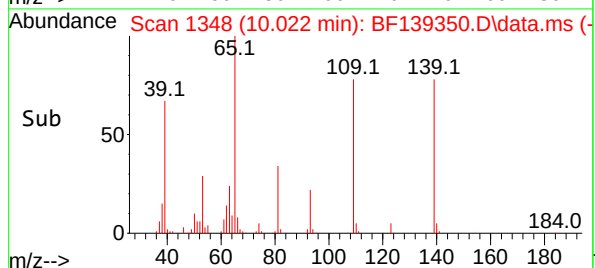
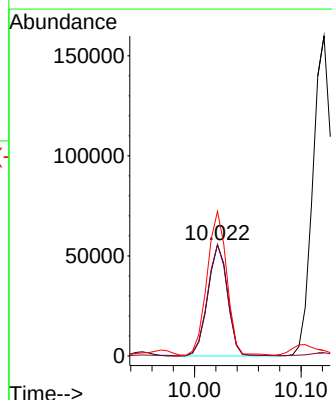
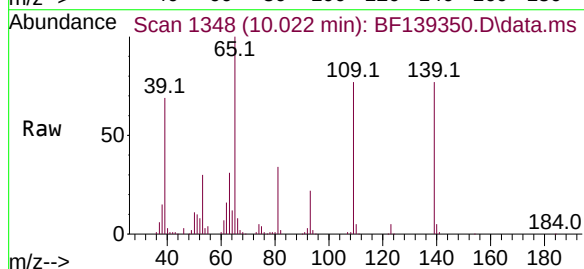
Manual Integrations
APPROVED

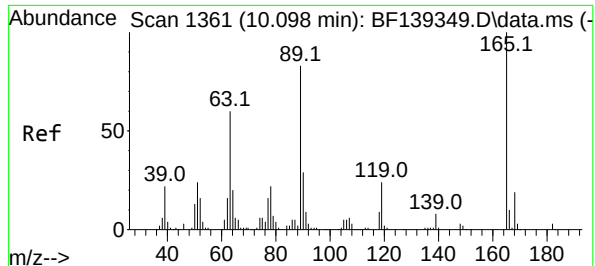
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#56
4-Nitrophenol
Concen: 50.685 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

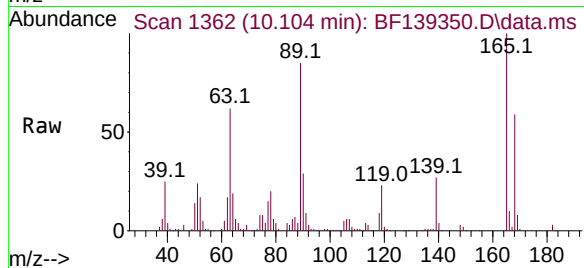
Tgt Ion:139 Resp: 72103
Ion Ratio Lower Upper
139 100
109 100.3 84.1 124.1
65 130.1 120.0 160.0





#57
2,4-Dinitrotoluene
Concen: 49.465 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

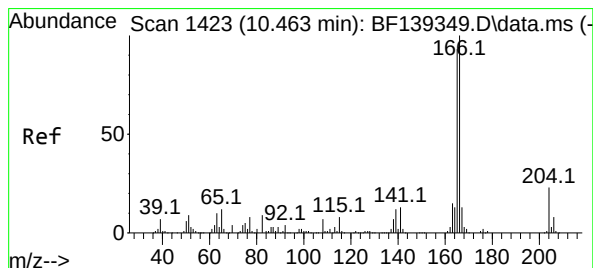
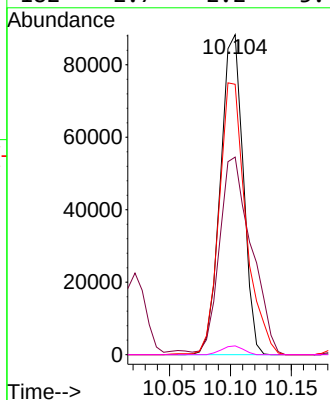
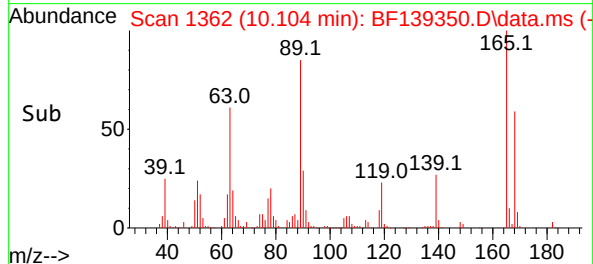
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:165 Resp: 114884
Ion Ratio Lower Upper
165 100
63 61.8 47.8 71.6
89 84.5 66.7 100.1
182 2.7 2.2 3.4

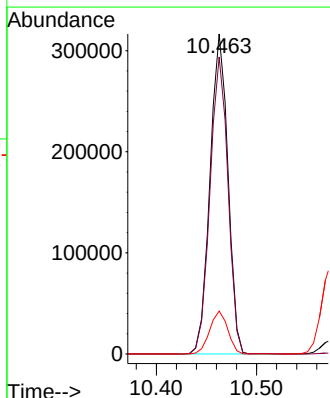
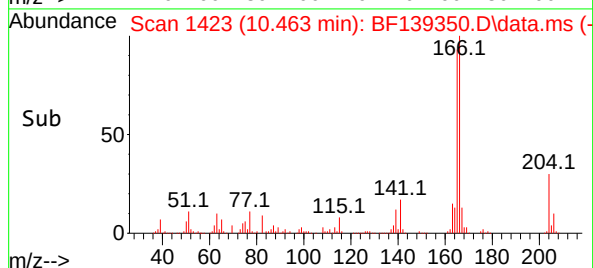
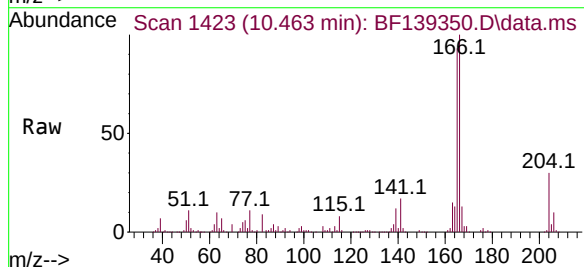
Manual Integrations
APPROVED

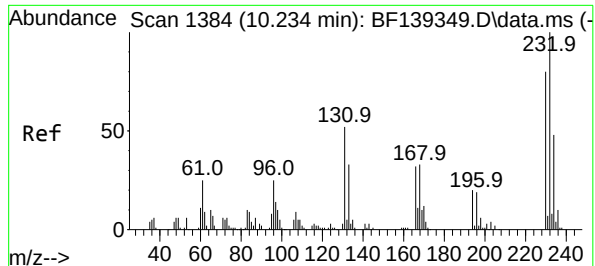
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#58
Fluorene
Concen: 48.191 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

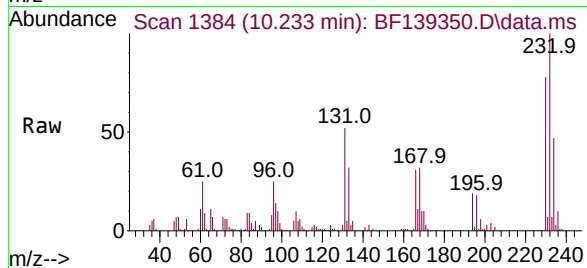
Tgt Ion:166 Resp: 391850
Ion Ratio Lower Upper
166 100
165 92.8 74.5 111.7
167 13.4 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.219 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

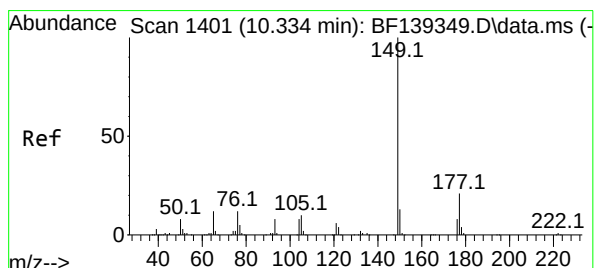
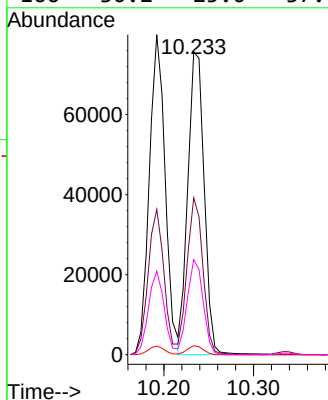
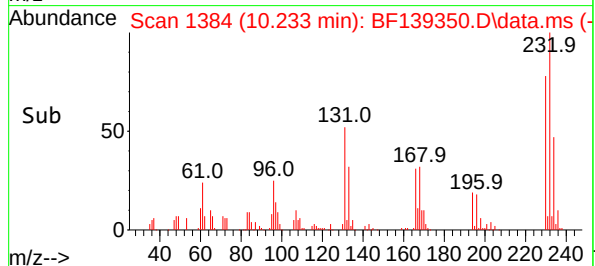
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



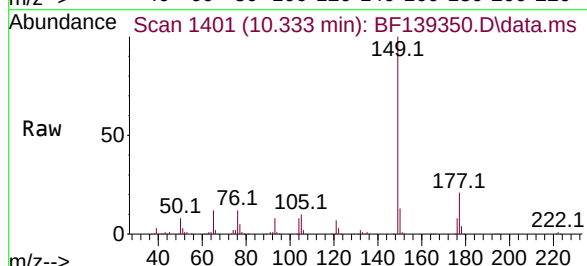
Tgt Ion:232 Resp: 95980
Ion Ratio Lower Upper
232 100
131 49.7 40.7 61.1
130 2.8 2.2 3.2
166 30.2 25.0 37.6

Manual Integrations
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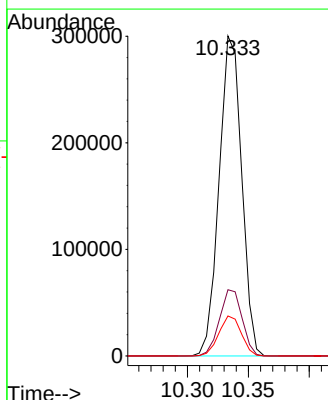
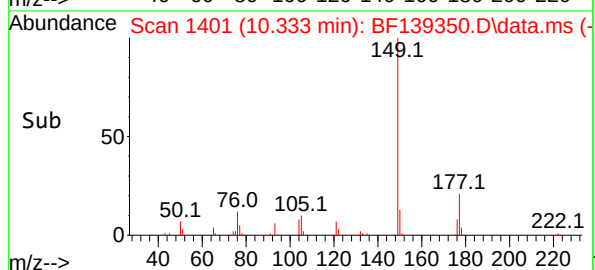
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

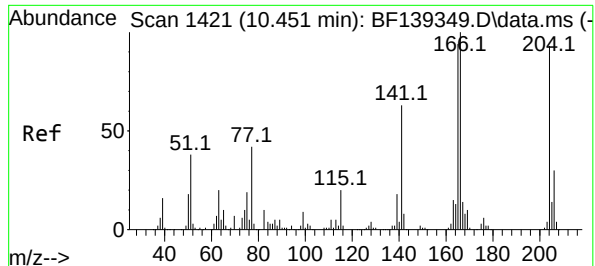


#60
Diethylphthalate
Concen: 48.314 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51



Tgt Ion:149 Resp: 387175
Ion Ratio Lower Upper
149 100
177 20.7 16.6 24.8
150 12.5 10.6 15.8





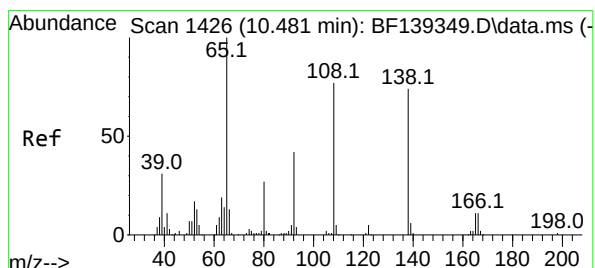
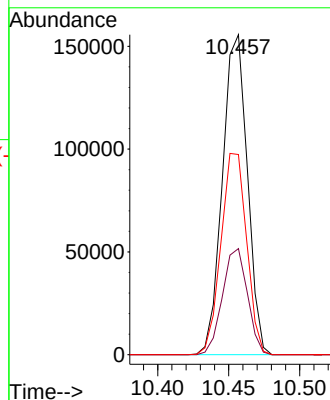
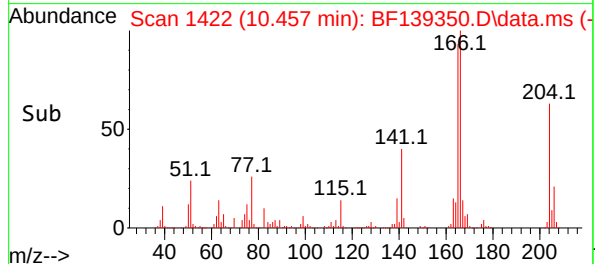
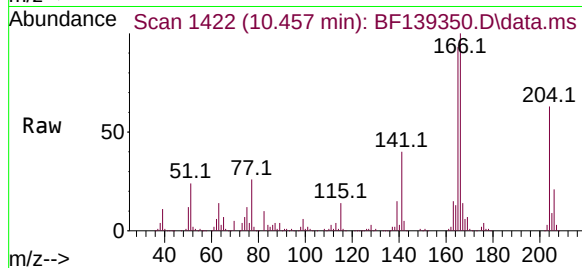
#61
4-Chlorophenyl-phenylether
Concen: 48.061 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:204 Resp: 189920
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 62.5 53.9 80.9

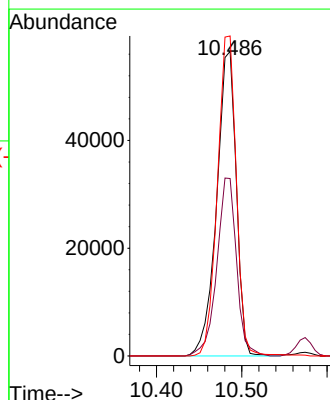
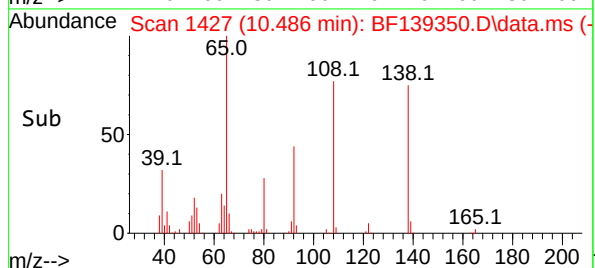
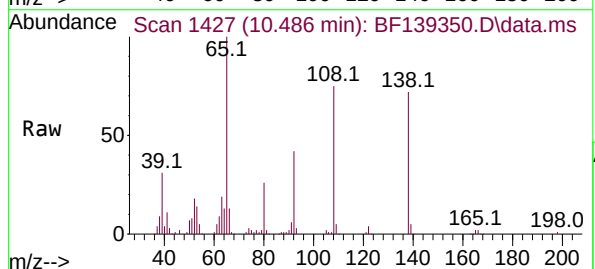
Manual Integrations
APPROVED

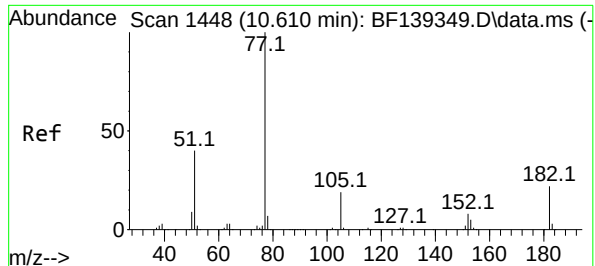
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#62
4-Nitroaniline
Concen: 48.340 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

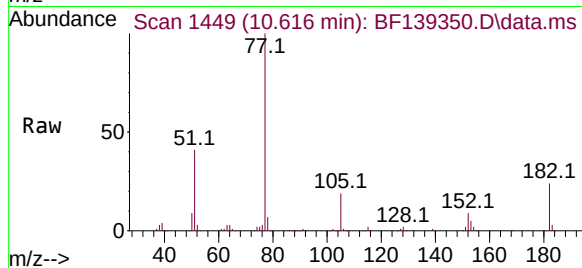
Tgt Ion:138 Resp: 90703
Ion Ratio Lower Upper
138 100
92 58.3 37.0 77.0
108 105.0 84.4 124.4





#63
Azobenzene
Concen: 48.019 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

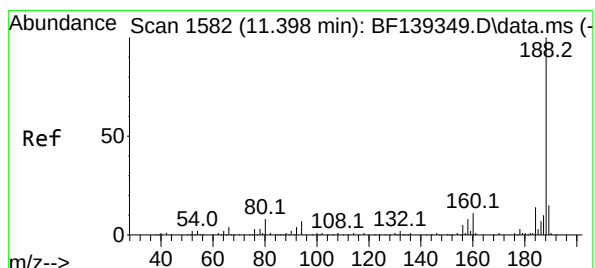
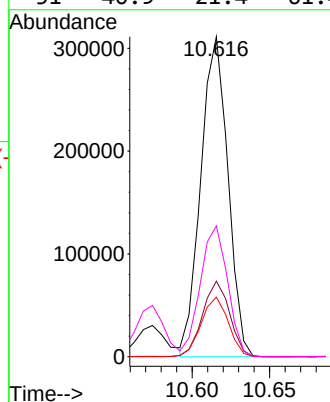
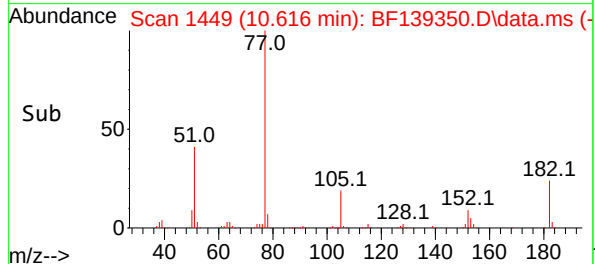
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion: 77 Resp: 37848
Ion Ratio Lower Upper
77 100
182 23.6 1.8 41.8
105 18.6 0.0 38.6
51 40.9 21.4 61.4

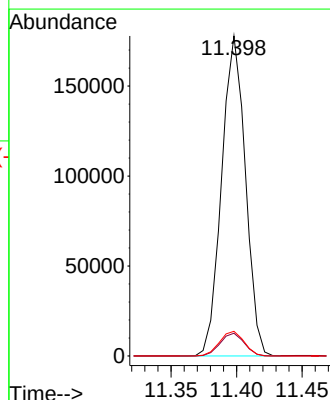
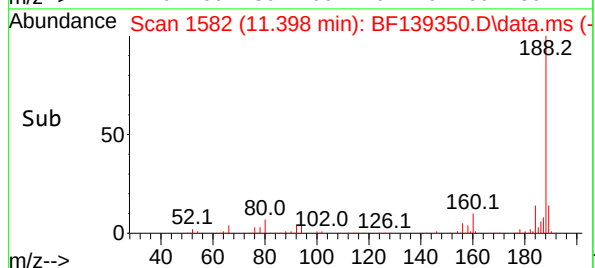
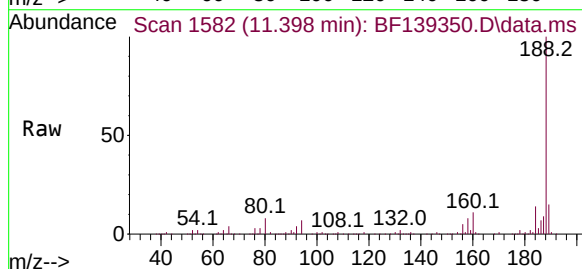
Manual Integrations
APPROVED

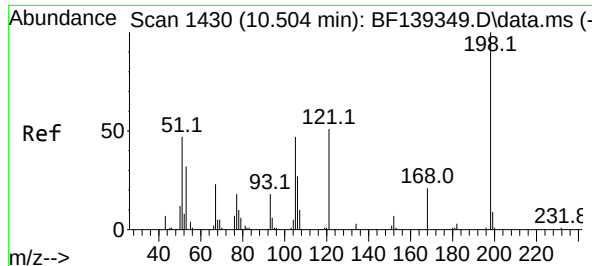
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

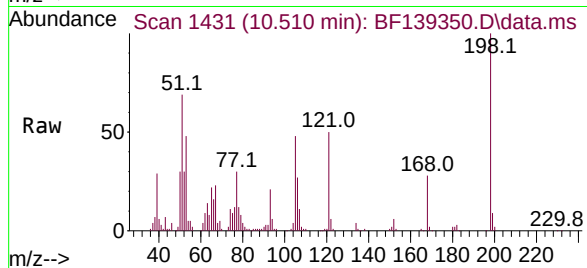
Tgt Ion:188 Resp: 224385
Ion Ratio Lower Upper
188 100
94 7.1 5.5 8.3
80 7.7 6.6 9.8





#65
4,6-Dinitro-2-methylphenol
Concen: 53.312 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

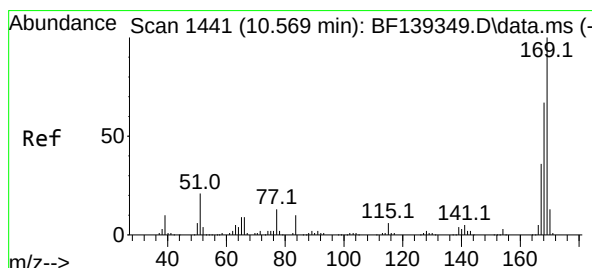
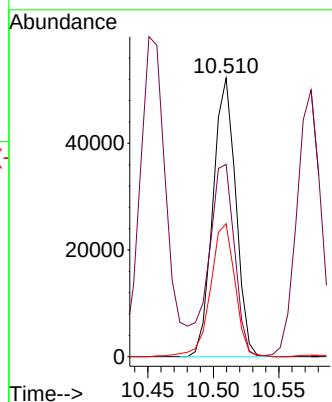
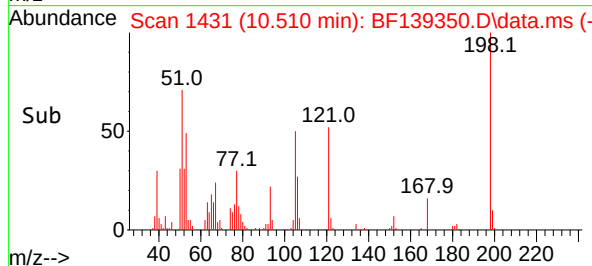
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:198 Resp: 63130
Ion Ratio Lower Upper
198 100
51 69.1 50.4 90.4
105 47.7 28.3 68.3

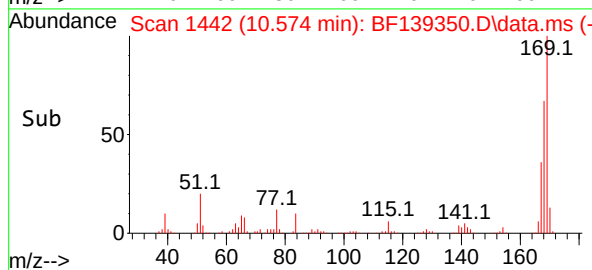
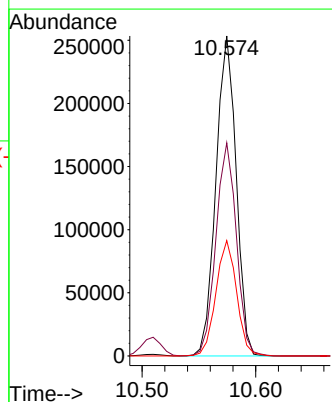
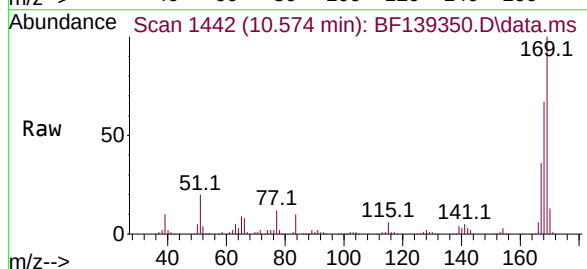
Manual Integrations
APPROVED

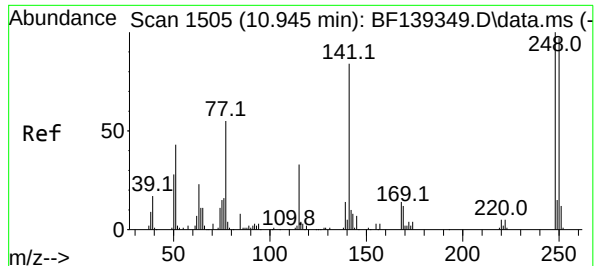
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#66
n-Nitrosodiphenylamine
Concen: 47.849 ng
RT: 10.574 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

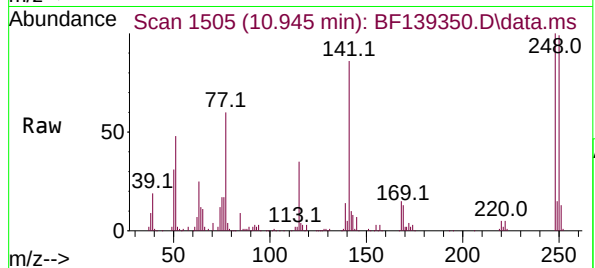
Tgt Ion:169 Resp: 313904
Ion Ratio Lower Upper
169 100
168 66.6 53.6 80.4
167 36.0 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 48.254 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

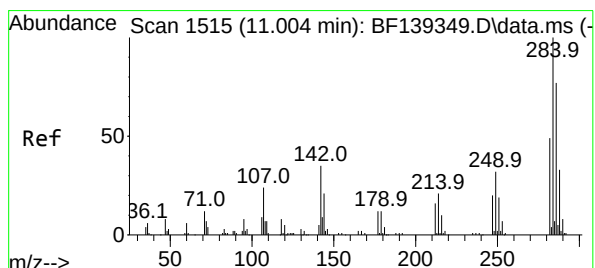
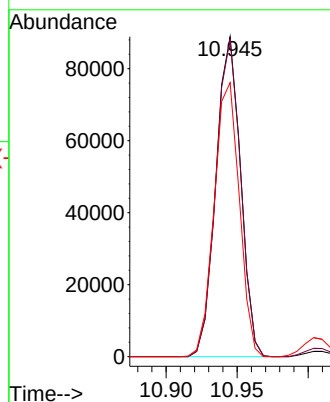
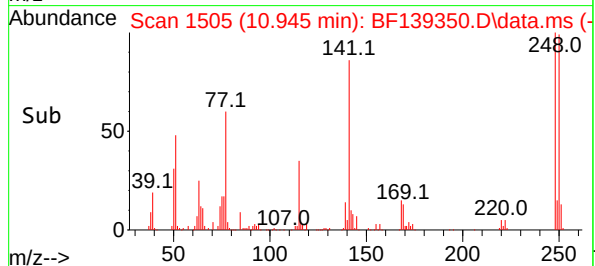
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



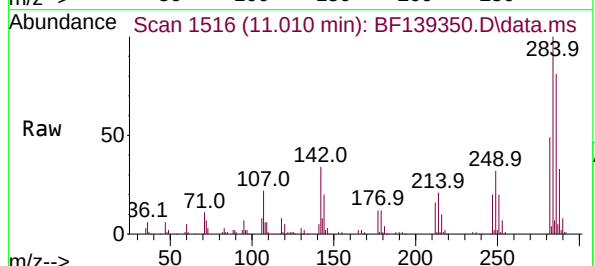
Tgt Ion:248 Resp: 107298
Ion Ratio Lower Upper
248 100
250 99.2 77.6 116.4
141 85.7 66.9 100.3

Manual Integrations
APPROVED

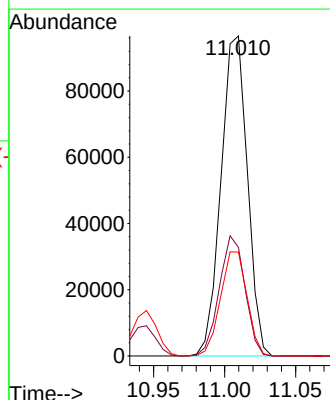
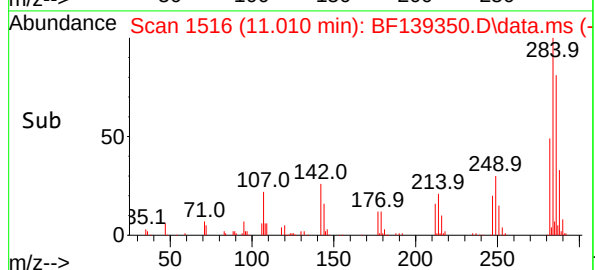
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

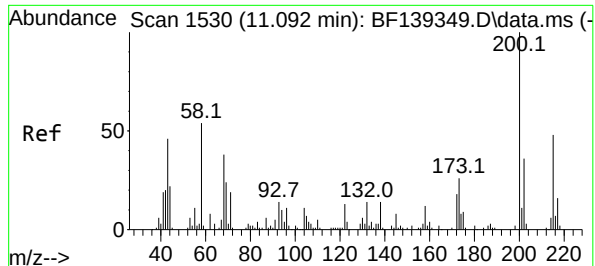


#68
Hexachlorobenzene
Concen: 47.865 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51



Tgt Ion:284 Resp: 124911
Ion Ratio Lower Upper
284 100
142 34.0 28.0 42.0
249 32.5 25.3 37.9





#69

Atrazine

Concen: 50.583 ng

RT: 11.098 min Scan# 1530

Delta R.T. 0.006 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion:200 Resp: 79000

Ion Ratio Lower Upper

200 100

173 26.5 6.1 46.1

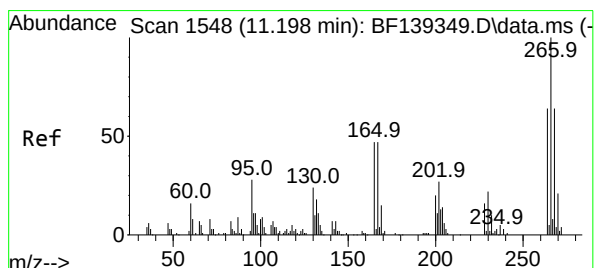
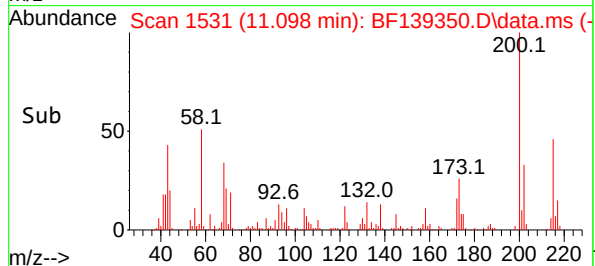
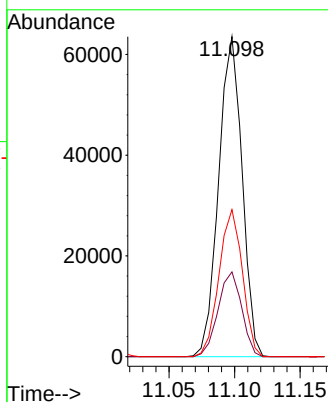
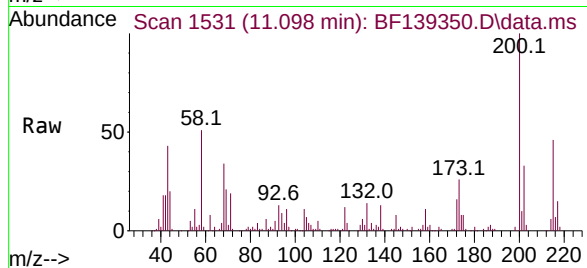
215 45.9 28.2 68.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#70

Pentachlorophenol

Concen: 49.215 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.000 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

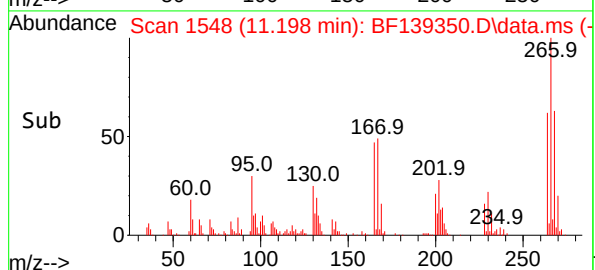
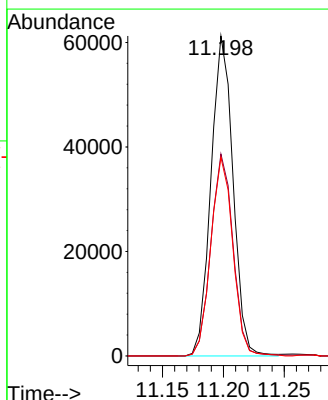
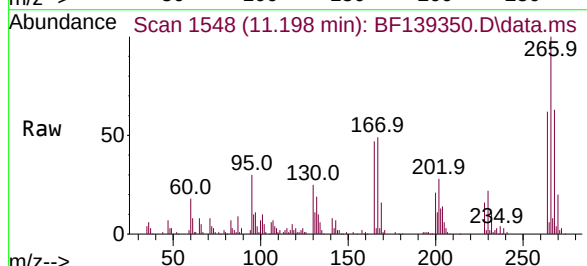
Tgt Ion:266 Resp: 77067

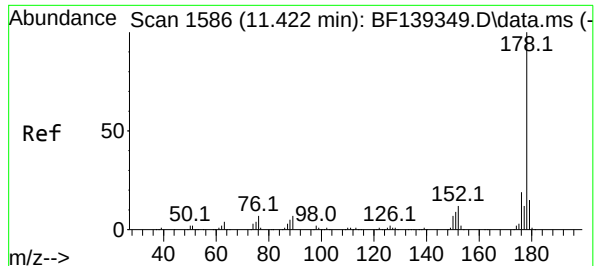
Ion Ratio Lower Upper

266 100

268 63.1 51.1 76.7

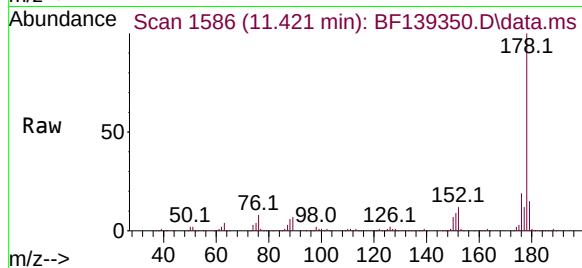
264 62.1 51.4 77.0





#71
Phenanthrene
Concen: 48.623 ng
RT: 11.421 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

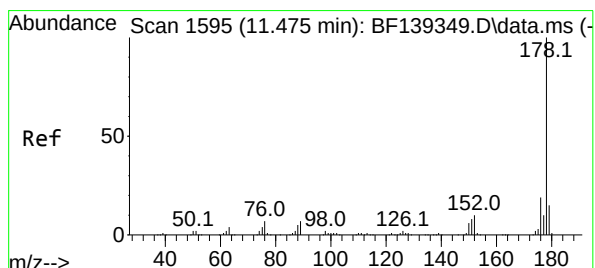
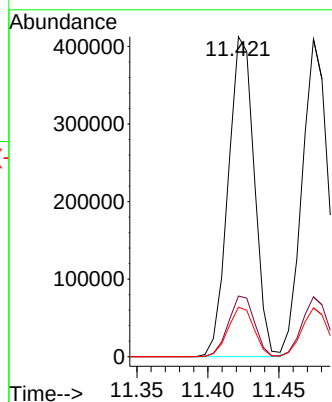
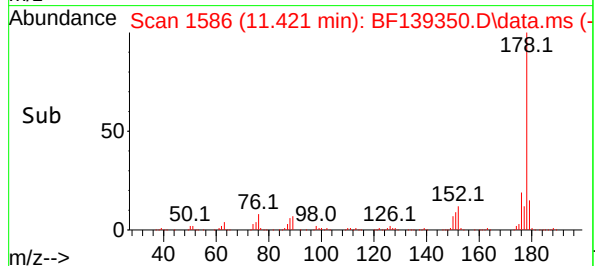
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:178 Resp: 526370
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 15.4 12.2 18.4

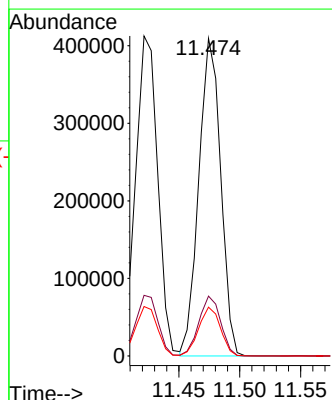
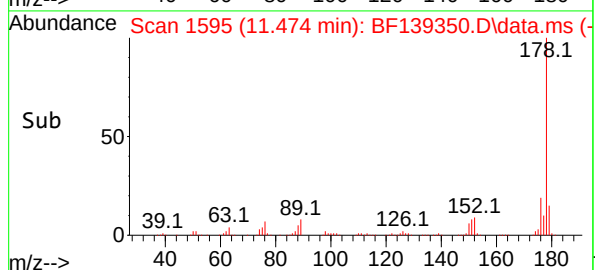
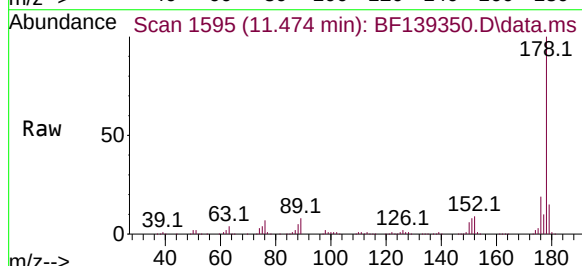
Manual Integrations
APPROVED

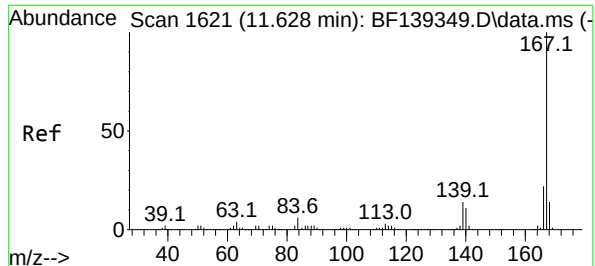
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#72
Anthracene
Concen: 48.370 ng
RT: 11.474 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

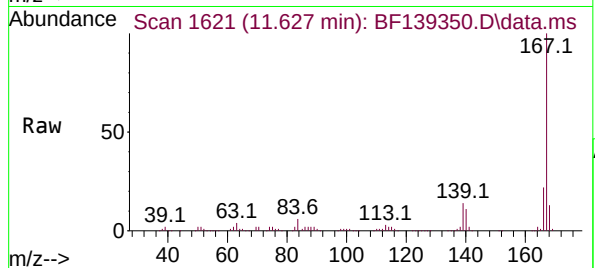
Tgt Ion:178 Resp: 511970
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.4 12.0 18.0





#73
Carbazole
Concen: 48.799 ng
RT: 11.627 min Scan# 1621
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

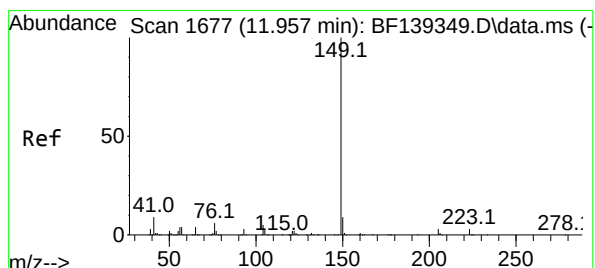
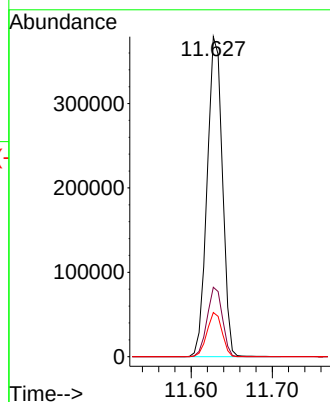
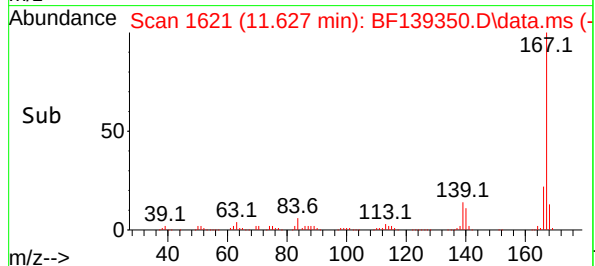
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



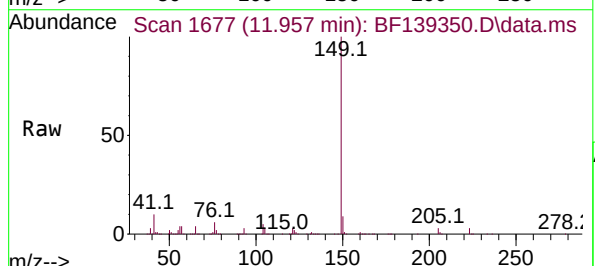
Tgt Ion:167 Resp: 494354
Ion Ratio Lower Upper
167 100
166 21.7 17.5 26.3
139 13.8 10.9 16.3

Manual Integrations
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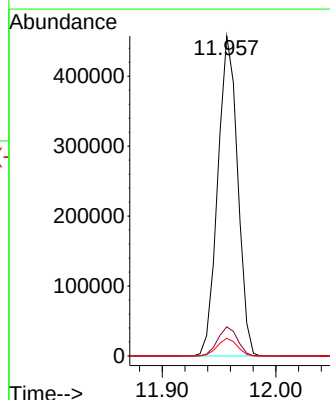
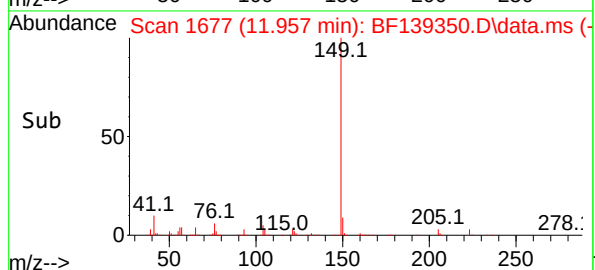
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

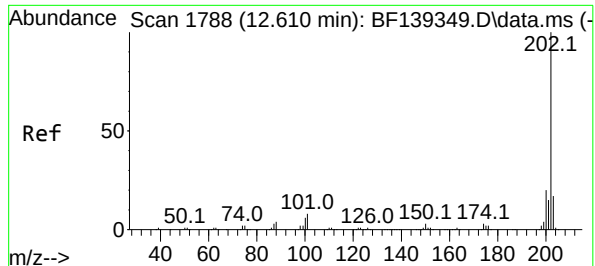


#74
Di-n-butylphthalate
Concen: 49.283 ng
RT: 11.957 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51



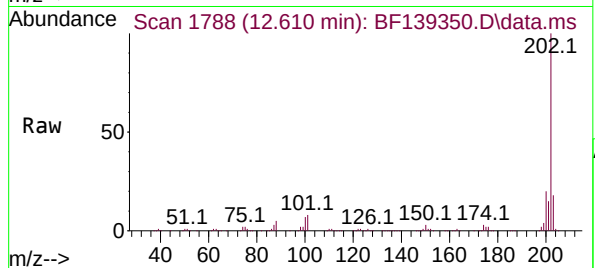
Tgt Ion:149 Resp: 556151
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 5.5 4.3 6.5





#75
Fluoranthene
Concen: 46.457 ng
RT: 12.610 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

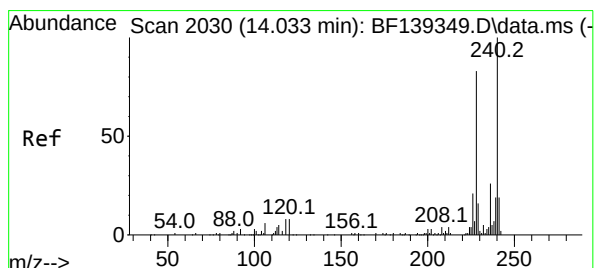
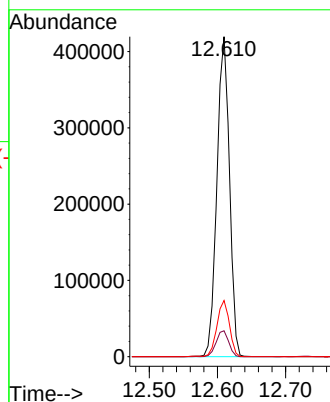
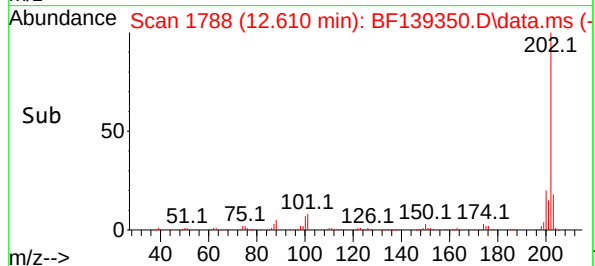
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:202 Resp: 537080
Ion Ratio Lower Upper
202 100
101 8.1 0.0 27.7
203 17.5 0.0 37.4

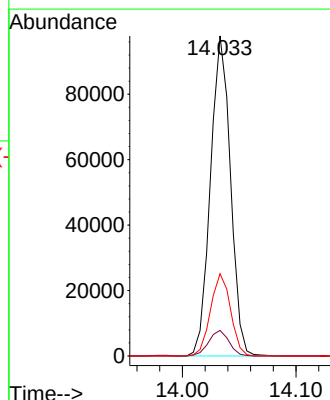
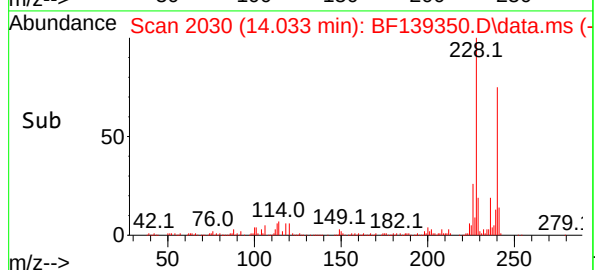
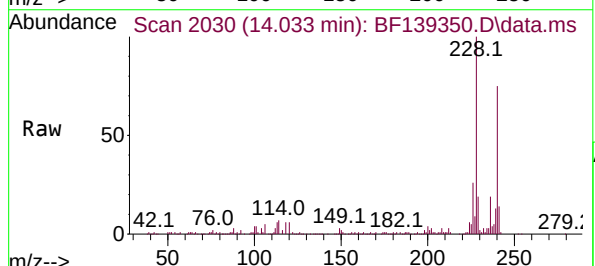
Manual Integrations
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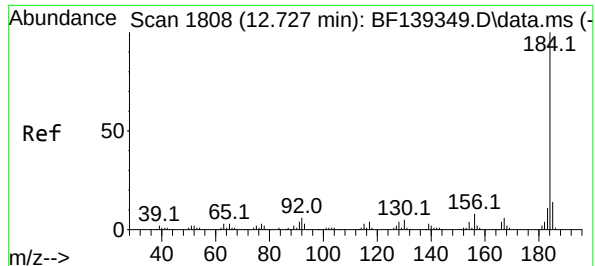
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

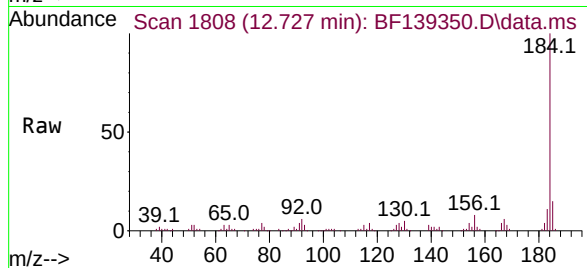
Tgt Ion:240 Resp: 119656
Ion Ratio Lower Upper
240 100
120 8.0 6.2 9.2
236 25.7 20.9 31.3





#77
Benzidine
Concen: 46.936 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

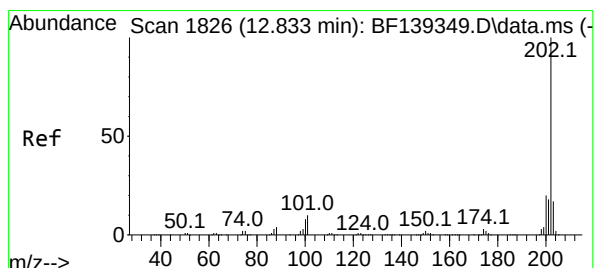
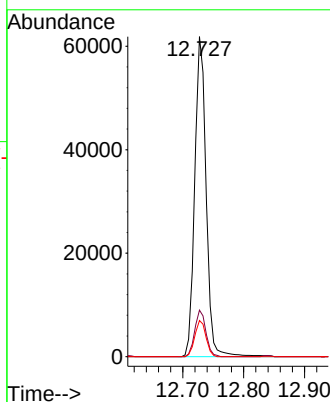
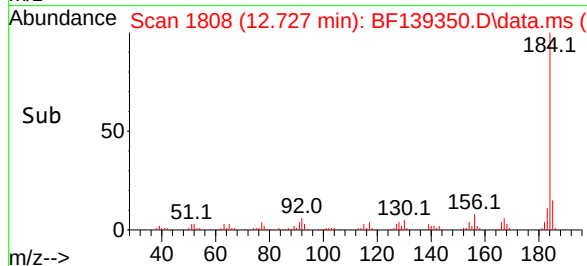
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



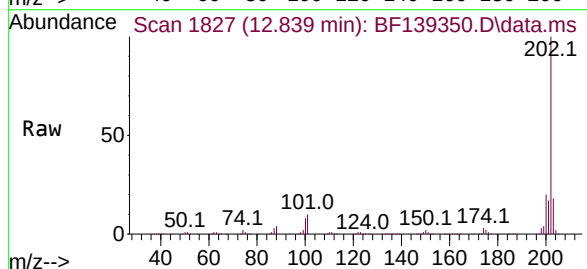
Tgt Ion:184 Resp: 80463
Ion Ratio Lower Upper
184 100
185 14.6 11.5 17.3
183 11.3 8.9 13.3

Manual Integrations
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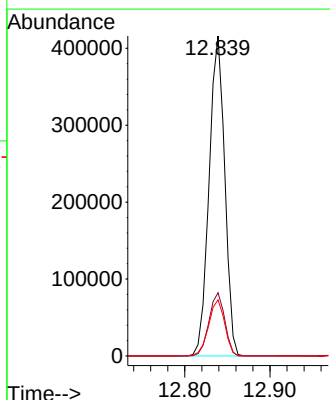
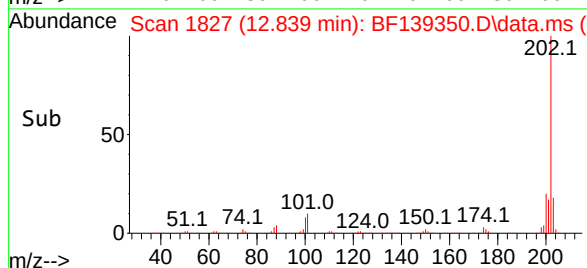
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

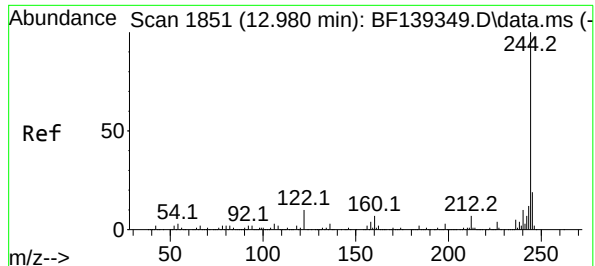


#78
Pyrene
Concen: 51.662 ng
RT: 12.839 min Scan# 1827
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51



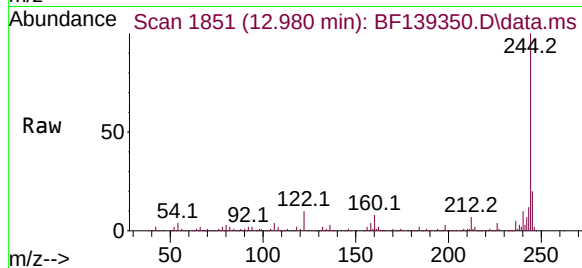
Tgt Ion:202 Resp: 530780
Ion Ratio Lower Upper
202 100
200 19.7 16.2 24.2
203 17.5 13.9 20.9





#79
Terphenyl-d14
Concen: 101.657 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

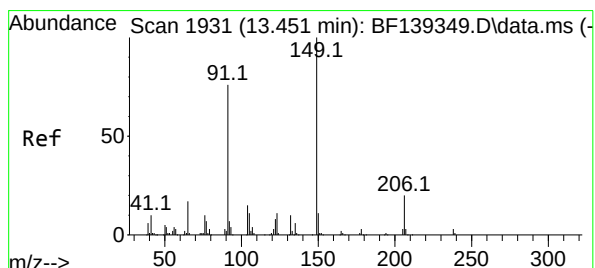
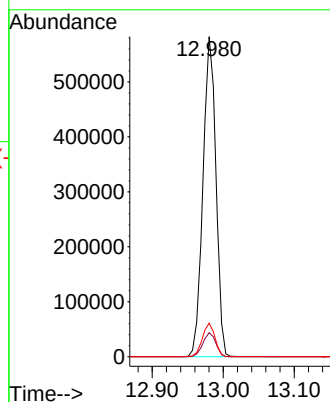
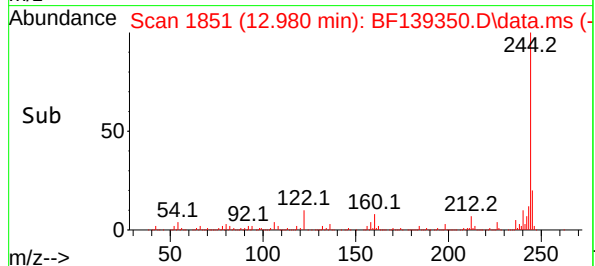
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:244 Resp: 741072
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 10.4 7.6 11.4

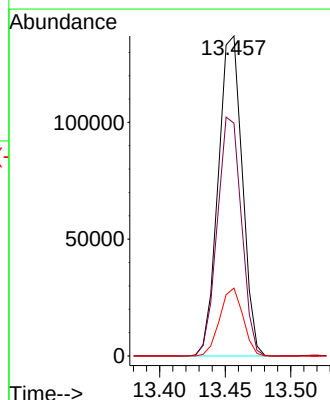
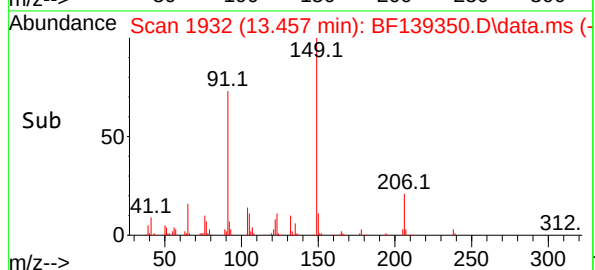
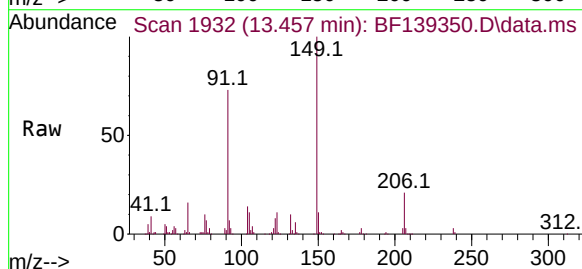
Manual Integrations
APPROVED

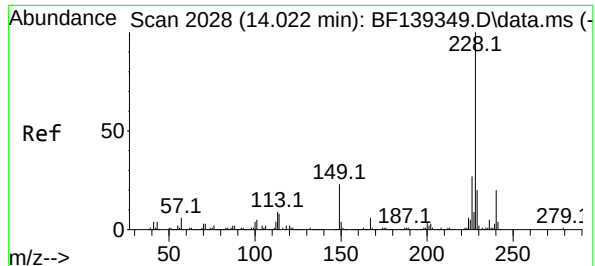
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#80
Butylbenzylphthalate
Concen: 50.037 ng
RT: 13.457 min Scan# 1932
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

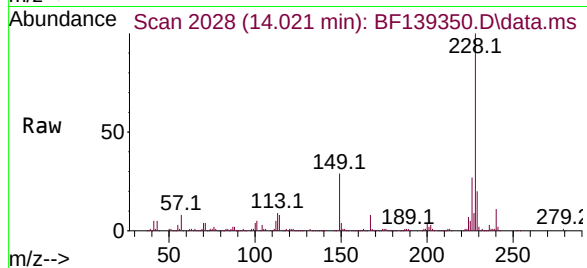
Tgt Ion:149 Resp: 174982
Ion Ratio Lower Upper
149 100
91 72.8 60.9 91.3
206 21.2 15.8 23.8





#81
Benzo(a)anthracene
Concen: 47.639 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

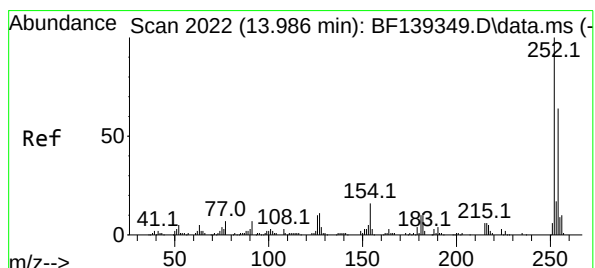
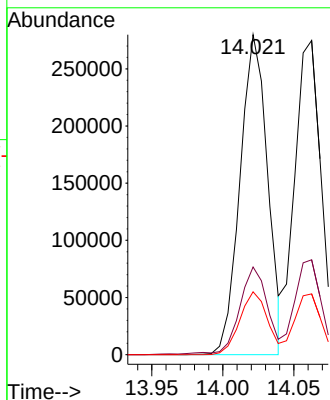
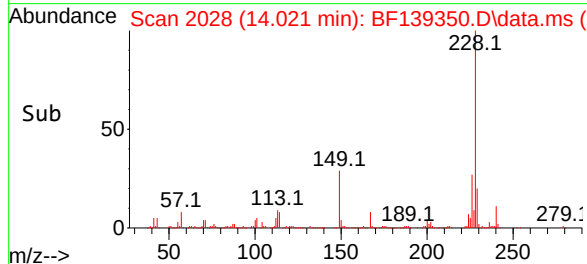
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:228 Resp: 377584
Ion Ratio Lower Upper
228 100
226 27.4 21.6 32.4
229 19.6 15.7 23.5

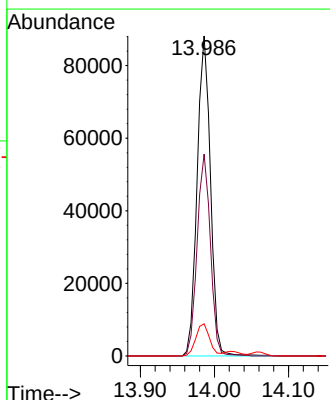
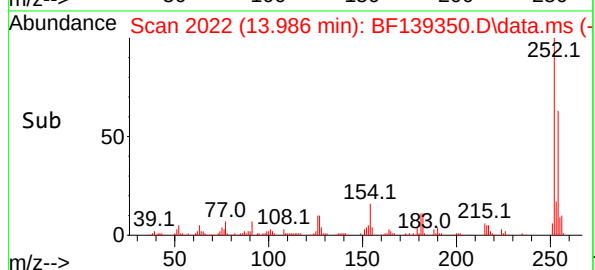
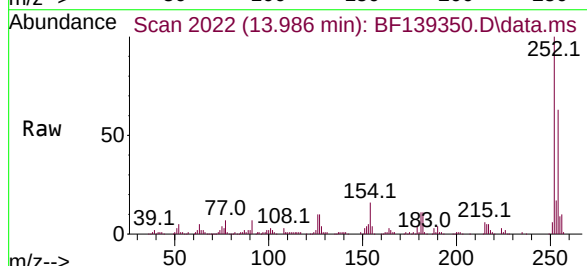
Manual Integrations
APPROVED

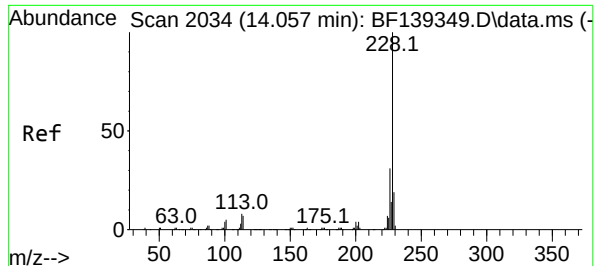
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#82
3,3'-Dichlorobenzidine
Concen: 47.356 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

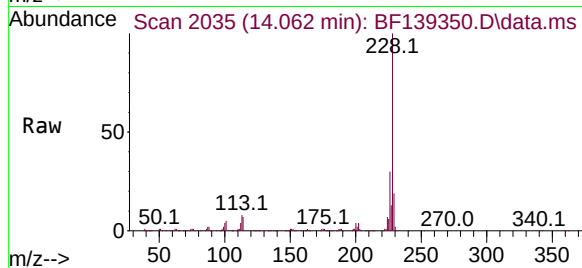
Tgt Ion:252 Resp: 109919
Ion Ratio Lower Upper
252 100
254 63.1 51.4 77.2
126 10.1 7.7 11.5





#83
Chrysene
Concen: 48.617 ng
RT: 14.062 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

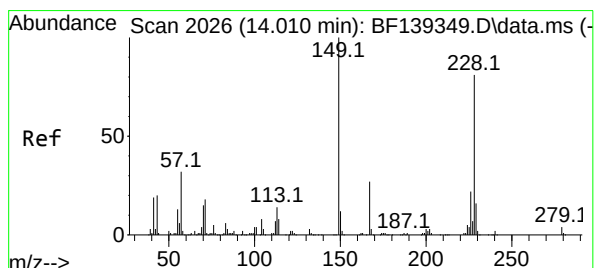
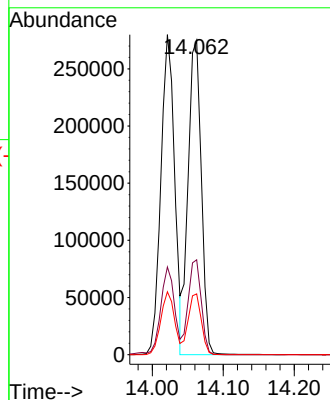
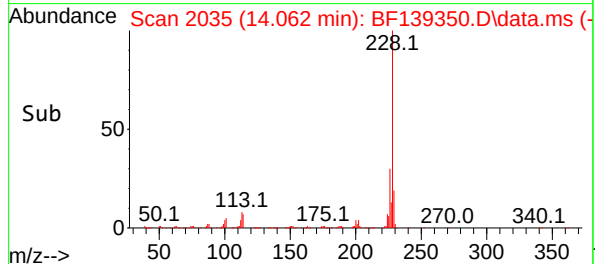
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:228 Resp: 354515
Ion Ratio Lower Upper
228 100
226 30.2 24.1 36.1
229 19.3 15.4 23.0

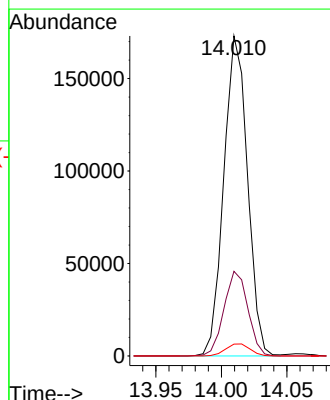
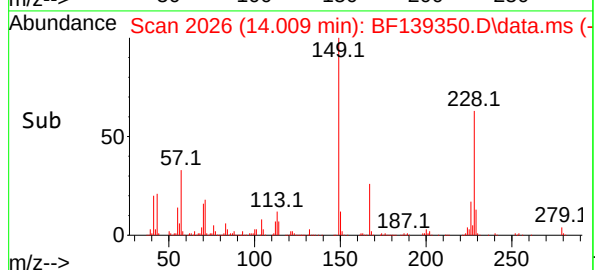
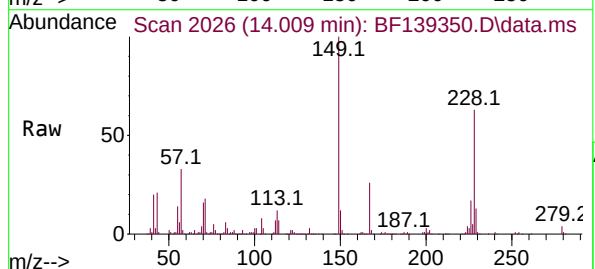
Manual Integrations
APPROVED

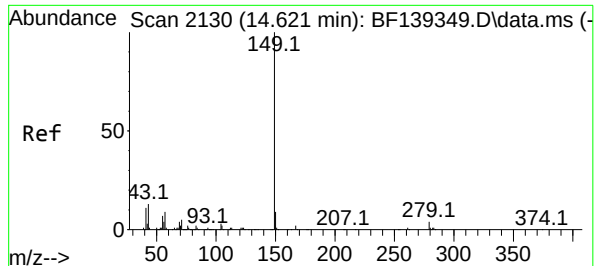
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.889 ng
RT: 14.009 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

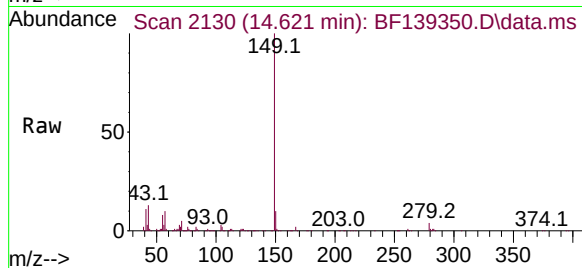
Tgt Ion:149 Resp: 217495
Ion Ratio Lower Upper
149 100
167 26.5 21.6 32.4
279 3.7 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 50.382 ng
RT: 14.621 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

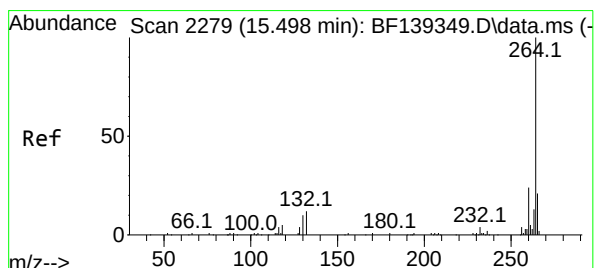
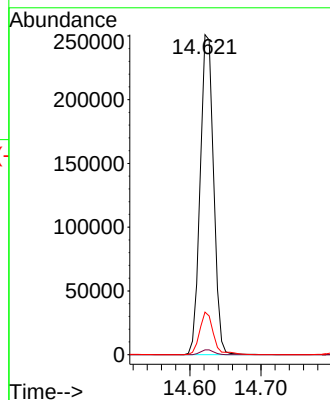
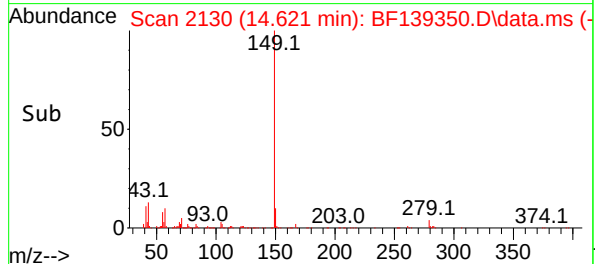
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:149 Resp: 330088
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 13.7 10.6 16.0

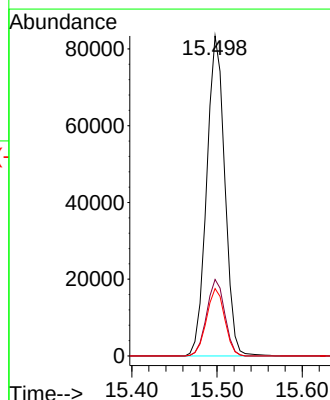
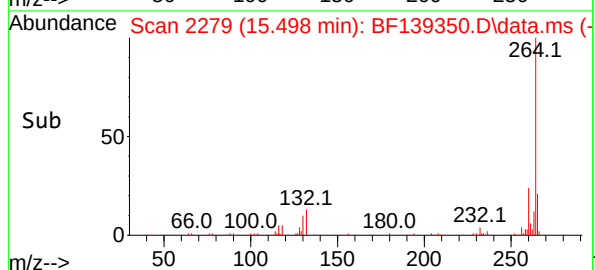
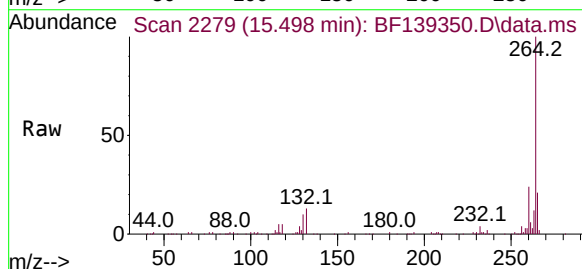
Manual Integrations
APPROVED

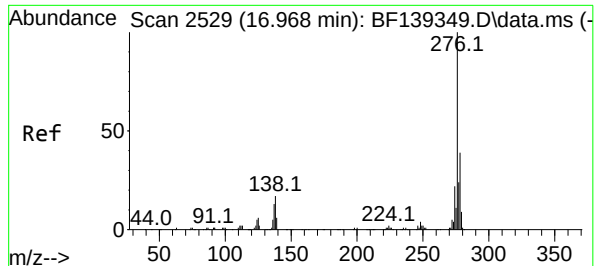
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:264 Resp: 123129
Ion Ratio Lower Upper
264 100
260 23.9 19.5 29.3
265 21.0 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.023 ng

RT: 16.974 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

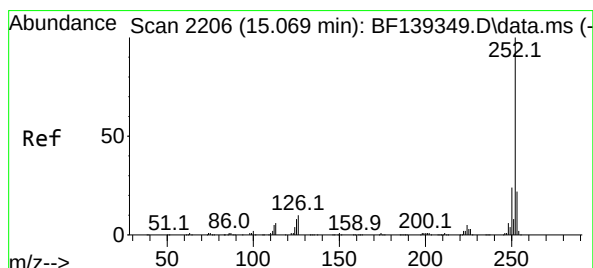
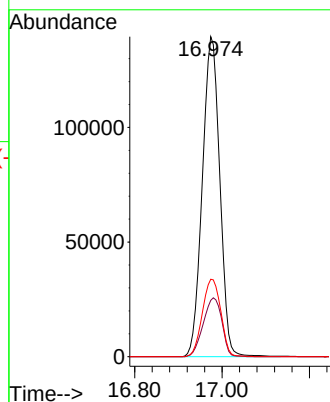
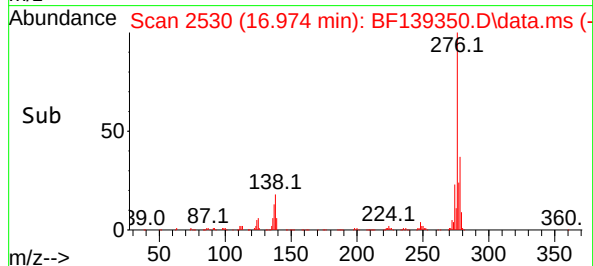
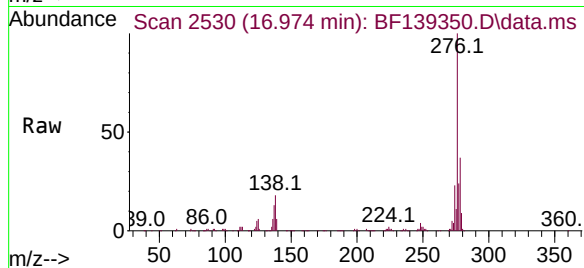
Tgt Ion:	276	Resp:	388214
Ion Ratio	Lower	Upper	
276	100		
138	19.6	15.4	23.2
277	25.5	20.4	30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#88

Benzo(b)fluoranthene

Concen: 48.087 ng

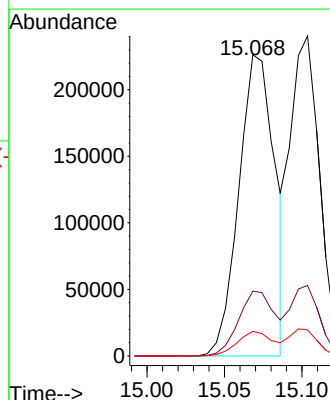
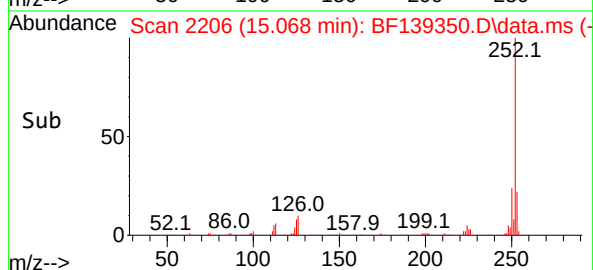
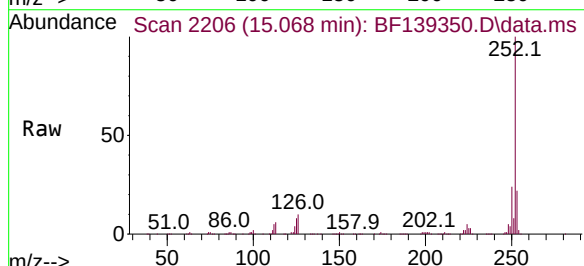
RT: 15.068 min Scan# 2206

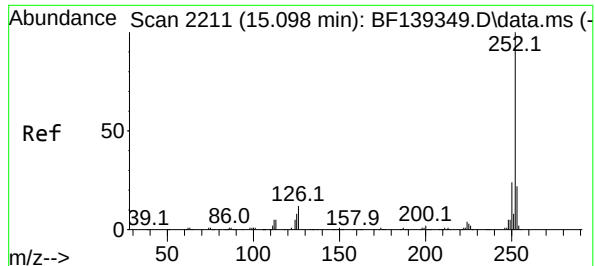
Delta R.T. -0.000 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

Tgt Ion:	252	Resp:	365162
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.6	26.4
125	8.2	6.2	9.2





#89

Benzo(k)fluoranthene

Concen: 45.203 ng

RT: 15.104 min Scan# 2212

Delta R.T. 0.006 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:252 Resp: 316490

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

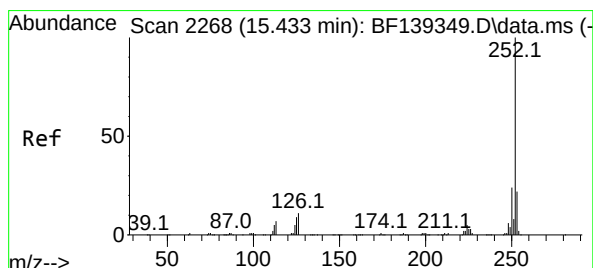
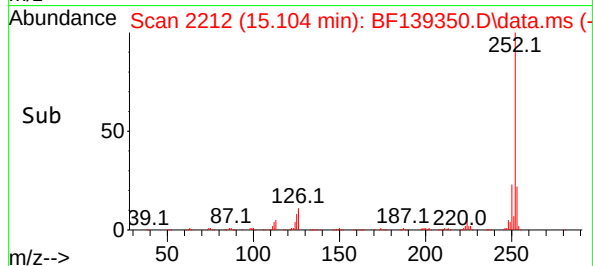
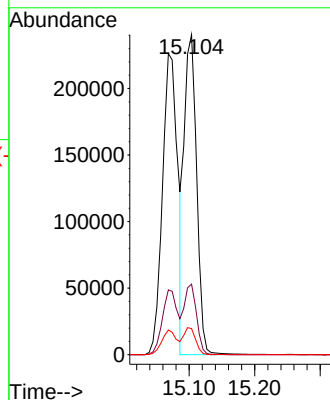
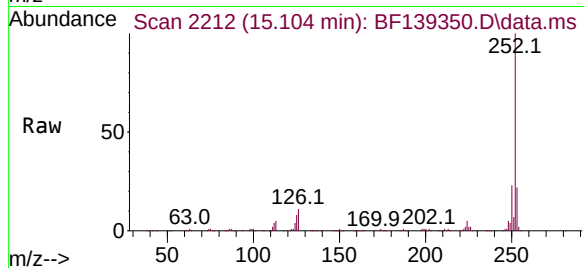
125 8.1 5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#90

Benzo(a)pyrene

Concen: 48.503 ng

RT: 15.439 min Scan# 2269

Delta R.T. 0.006 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

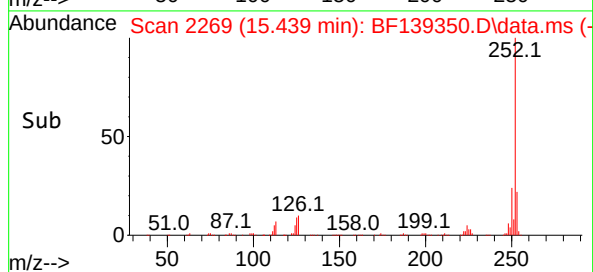
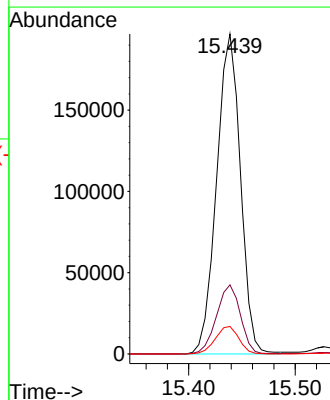
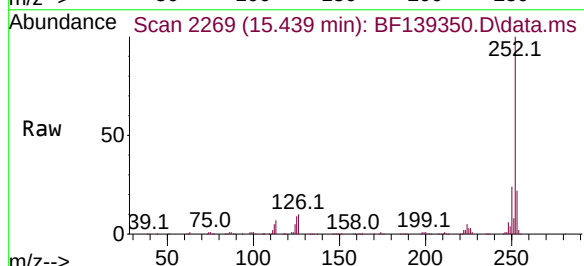
Tgt Ion:252 Resp: 305466

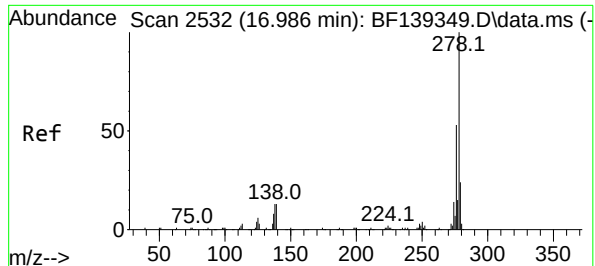
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 8.6 6.8 10.2





#91

Dibenzo(a,h)anthracene

Concen: 53.114 ng

RT: 16.992 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:278 Resp: 32134

Ion Ratio Lower Upper

278 100

139 12.9 10.2 15.2

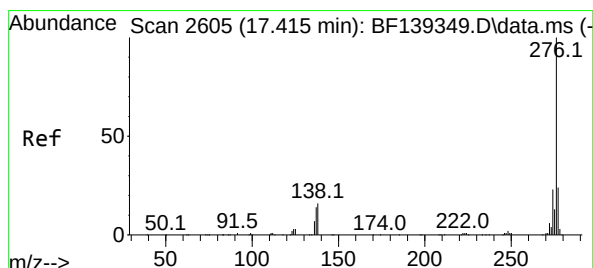
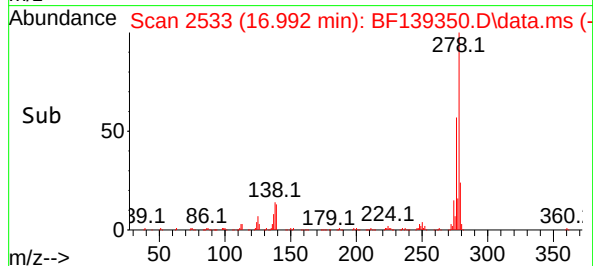
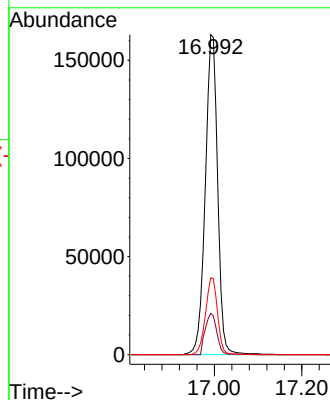
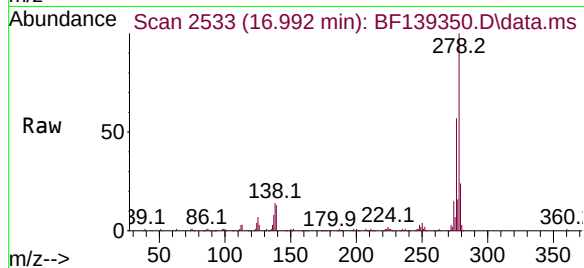
279 24.0 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#92

Benzo(g,h,i)perylene

Concen: 53.000 ng

RT: 17.421 min Scan# 2606

Delta R.T. 0.006 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

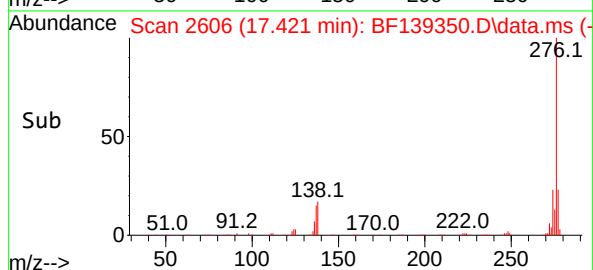
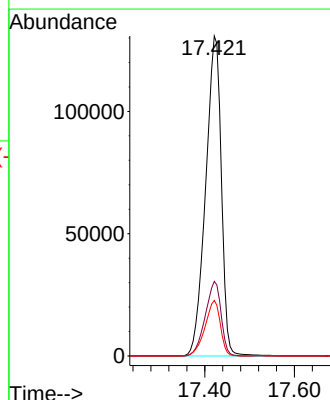
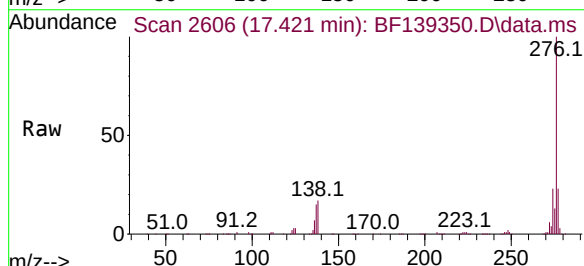
Tgt Ion:276 Resp: 317487

Ion Ratio Lower Upper

276 100

277 23.3 18.9 28.3

138 17.4 13.0 19.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
 Data File : BF139351.D
 Acq On : 13 Sep 2024 18:48
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024

Quant Time: Sep 14 02:51:13 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Sep 14 02:45:19 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	55187	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	200716	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	112863	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	209240	20.000	ng	0.00
76) Chrysene-d12	14.033	240	110333	20.000	ng	0.00
86) Perylene-d12	15.498	264	118195	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	415331	122.773	ng	0.00
7) Phenol-d6	6.516	99	546138	122.996	ng	0.01
23) Nitrobenzene-d5	7.446	82	533058	124.852	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	145361	120.977	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	952524	118.368	ng	0.00
79) Terphenyl-d14	12.980	244	848949	126.296	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.658	88	76849	56.622	ng	99
3) Pyridine	3.410	79	184729	61.733	ng	99
4) n-Nitrosodimethylamine	3.387	42	161188	62.147	ng	98
6) Aniline	6.587	93	202424m	67.626	ng	
8) 2-Chlorophenol	6.669	128	214769	61.675	ng	99
9) Benzaldehyde	6.428	77	132592	54.521	ng	99
10) Phenol	6.528	94	276269	61.089	ng	94
11) bis(2-Chloroethyl)ether	6.622	93	200653	58.376	ng	98
12) 1,3-Dichlorobenzene	6.822	146	239082	60.370	ng	99
13) 1,4-Dichlorobenzene	6.898	146	244302	61.044	ng	100
14) 1,2-Dichlorobenzene	7.051	146	232776	61.555	ng	99
15) Benzyl Alcohol	7.022	79	221254	62.456	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	320455	60.494	ng	100
17) 2-Methylphenol	7.134	107	169242	61.171	ng	99
18) Hexachloroethane	7.393	117	93527	61.356	ng	99
19) n-Nitroso-di-n-propyla...	7.298	70	163864	62.276	ng	100
20) 3+4-Methylphenols	7.287	107	235065	62.275	ng	97
22) Acetophenone	7.293	105	324964	61.930	ng	99
24) Nitrobenzene	7.469	77	269729	61.382	ng	98
25) Isophorone	7.704	82	414323	61.360	ng	99
26) 2-Nitrophenol	7.781	139	110946	64.806	ng	97
27) 2,4-Dimethylphenol	7.816	122	141588	62.698	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	235849	61.287	ng	98
29) 2,4-Dichlorophenol	8.022	162	177157	61.752	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	202649	60.625	ng	98
31) Naphthalene	8.187	128	647769	61.819	ng	100
32) Benzoic acid	7.951	122	141779m	66.826	ng	
33) 4-Chloroaniline	8.240	127	200192	62.450	ng	99
34) Hexachlorobutadiene	8.298	225	136795	60.236	ng	99
35) Caprolactam	8.616	113	53730	60.885	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	202047	61.625	ng	99
37) 2-Methylnaphthalene	8.875	142	406699	61.148	ng	99
38) 1-Methylnaphthalene	8.975	142	397859	60.930	ng	100
40) 1,2,4,5-Tetrachloroben...	9.040	216	202263	60.469	ng	99
41) Hexachlorocyclopentadiene	9.028	237	70369	60.253	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	130460	59.949	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
 Data File : BF139351.D
 Acq On : 13 Sep 2024 18:48
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024

Quant Time: Sep 14 02:51:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:45:19 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	139041	60.571	ng	98
46) 1,1'-Biphenyl	9.339	154	511379	58.895	ng	98
47) 2-Chloronaphthalene	9.363	162	391037	60.232	ng	99
48) 2-Nitroaniline	9.457	65	149834	62.050	ng	96
49) Acenaphthylene	9.781	152	581764	59.530	ng	100
50) Dimethylphthalate	9.639	163	444695	60.032	ng	100
51) 2,6-Dinitrotoluene	9.704	165	100225	61.074	ng	98
52) Acenaphthene	9.951	154	411189	60.286	ng	100
53) 3-Nitroaniline	9.869	138	101406	61.832	ng	97
54) 2,4-Dinitrophenol	9.975	184	61109	71.035	ng	96
55) Dibenzofuran	10.122	168	570033	59.962	ng	98
56) 4-Nitrophenol	10.022	139	81369	59.961	ng	100
57) 2,4-Dinitrotoluene	10.104	165	137354	61.996	ng	98
58) Fluorene	10.463	166	460625	59.385	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	113758	59.907	ng	99
60) Diethylphthalate	10.339	149	455793	59.624	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	225124	59.721	ng	98
62) 4-Nitroaniline	10.486	138	106344	59.413	ng	97
63) Azobenzene	10.616	77	444825	59.162	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	74857	67.785	ng	98
66) n-Nitrosodiphenylamine	10.575	169	372758	60.933	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	129218	62.319	ng	99
68) Hexachlorobenzene	11.010	284	148250	60.920	ng	99
69) Atrazine	11.098	200	71742	49.261	ng	97
70) Pentachlorophenol	11.198	266	93555	64.069	ng	98
71) Phenanthrene	11.428	178	608434	60.271	ng	100
72) Anthracene	11.475	178	600764	60.867	ng	99
73) Carbazole	11.628	167	555046	58.756	ng	100
74) Di-n-butylphthalate	11.957	149	643092	61.112	ng	99
75) Fluoranthene	12.610	202	602672	55.904	ng	99
77) Benzidine	12.727	184	132597	83.882	ng	100
78) Pyrene	12.839	202	589589	62.235	ng	99
80) Butylbenzylphthalate	13.457	149	198939	61.694	ng	97
81) Benzo(a)anthracene	14.022	228	434291	59.423	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	135151	63.146	ng	98
83) Chrysene	14.063	228	411164	61.151	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	251863	61.398	ng	99
85) Di-n-octyl phthalate	14.627	149	398431	65.952	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	465613	66.249	ng	99
88) Benzo(b)fluoranthene	15.074	252	431051	59.133	ng	100
89) Benzo(k)fluoranthene	15.104	252	398460	59.285	ng	99
90) Benzo(a)pyrene	15.439	252	374337	61.920	ng	100
91) Dibenzo(a,h)anthracene	16.998	278	393346	67.730	ng	99
92) Benzo(g,h,i)perylene	17.427	276	377847	65.709	ng	99

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

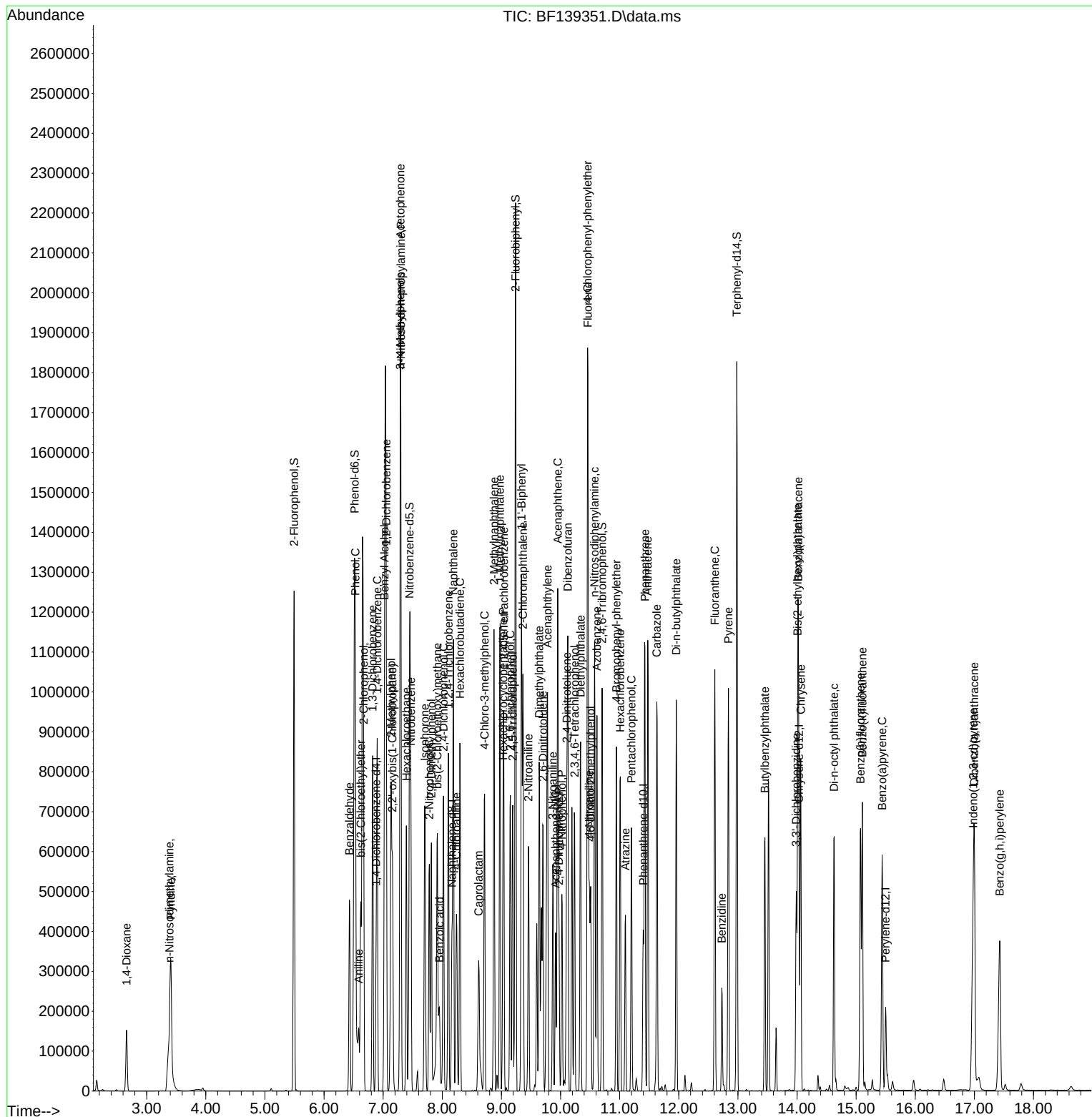
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Data File : BF139351.D
Acq On : 13 Sep 2024 18:48
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 10 Sample Multiplier: 1

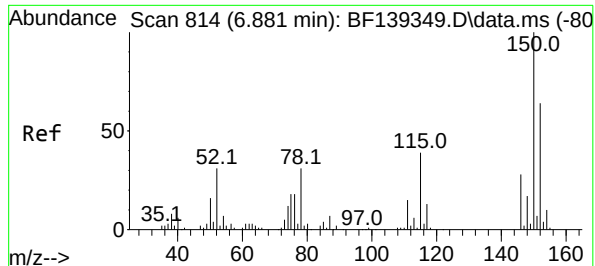
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Sep 14 02:51:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:45:19 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

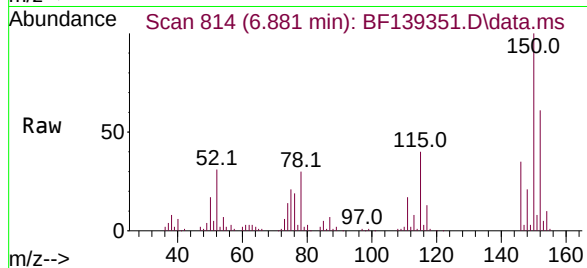
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

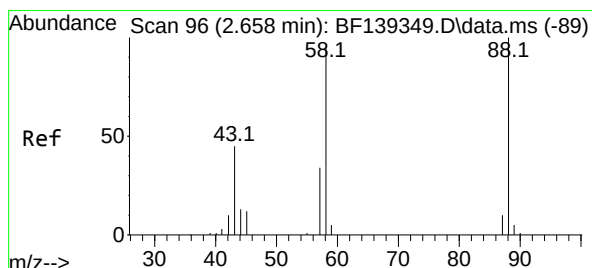
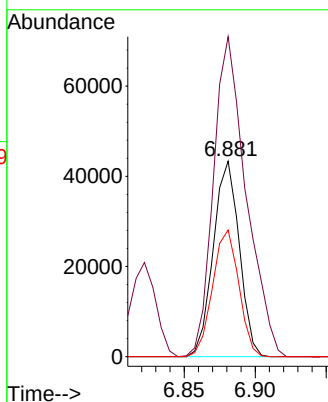
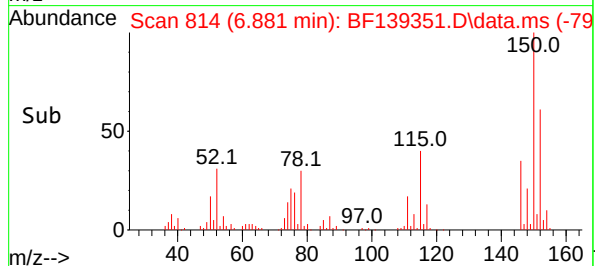
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:152 Resp: 5518
Ion Ratio Lower Upper
152 100
150 163.7 124.1 186.1
115 64.9 48.1 72.1

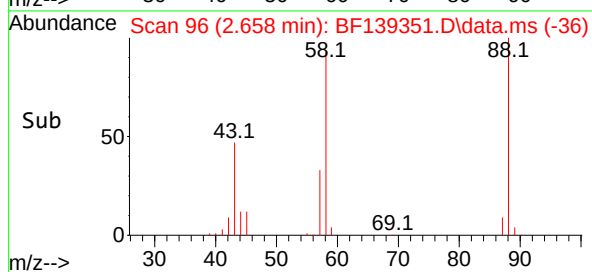
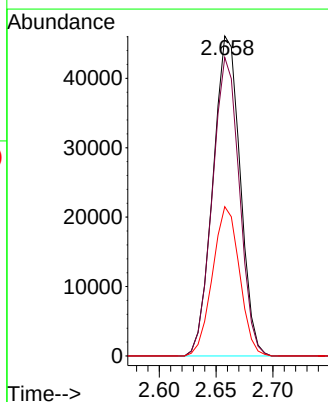
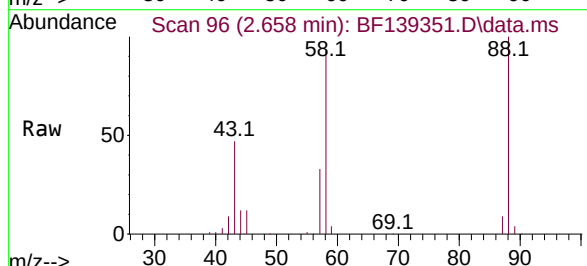
Manual Integrations
APPROVED

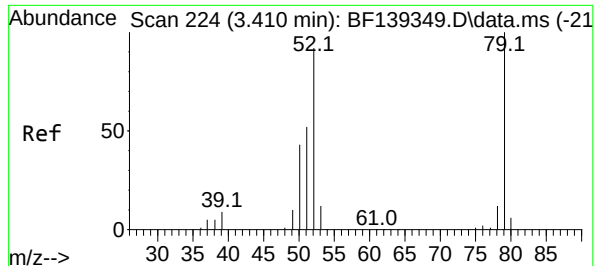
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#2
1,4-Dioxane
Concen: 56.622 ng
RT: 2.658 min Scan# 96
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion: 88 Resp: 76849
Ion Ratio Lower Upper
88 100
58 92.3 74.8 112.2
43 46.2 36.4 54.6





#3

Pyridine

Concen: 61.733 ng

RT: 3.410 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 79 Resp: 184729

Ion Ratio Lower Upper

79 100

52 91.9 73.8 110.8

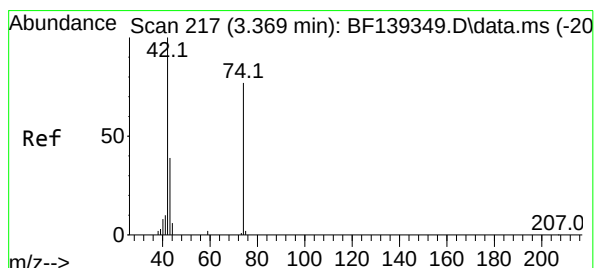
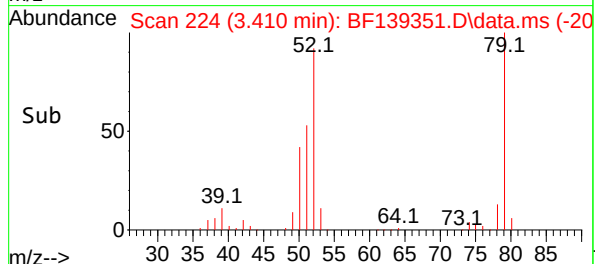
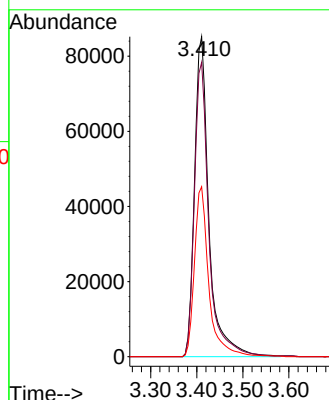
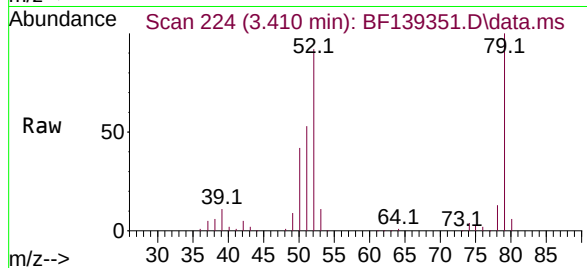
51 53.1 41.8 62.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#4

n-Nitrosodimethylamine

Concen: 62.147 ng

RT: 3.387 min Scan# 220

Delta R.T. 0.018 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

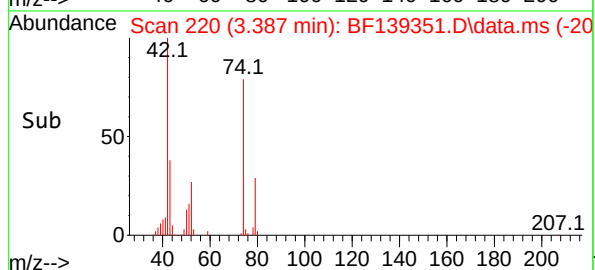
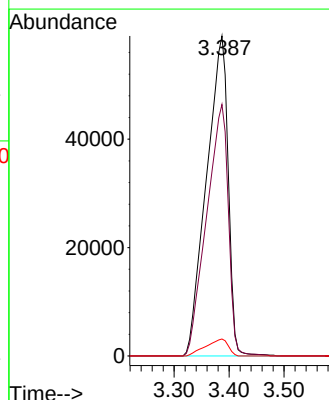
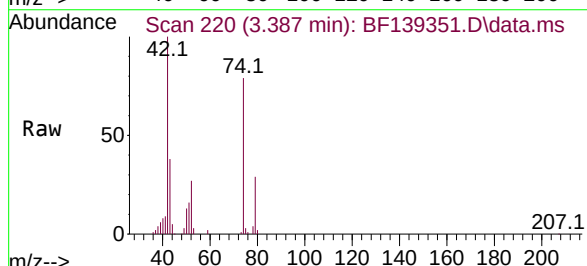
Tgt Ion: 42 Resp: 161188

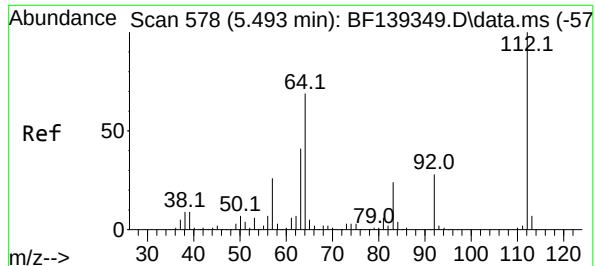
Ion Ratio Lower Upper

42 100

74 78.6 61.8 92.8

44 5.3 4.8 7.2





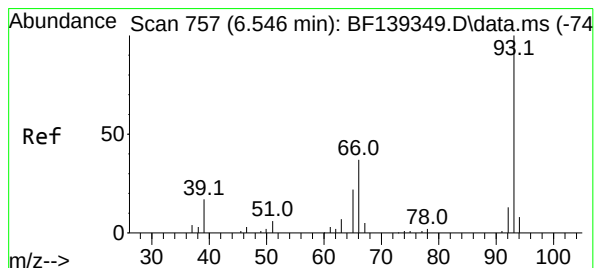
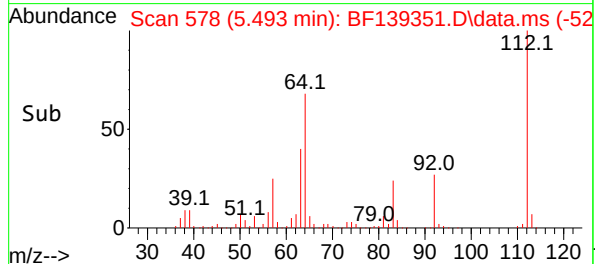
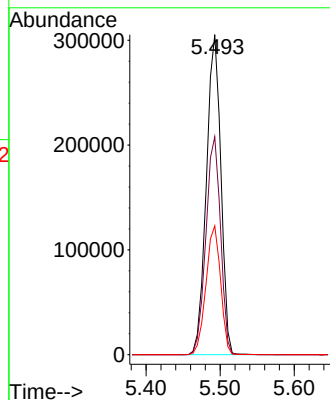
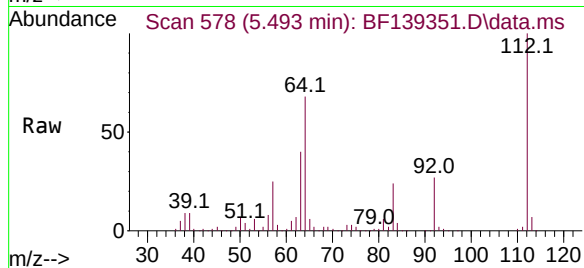
#5
2-Fluorophenol
Concen: 122.773 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:112 Resp: 41533
Ion Ratio Lower Upper
112 100
64 68.1 54.8 82.2
63 40.3 33.0 49.4

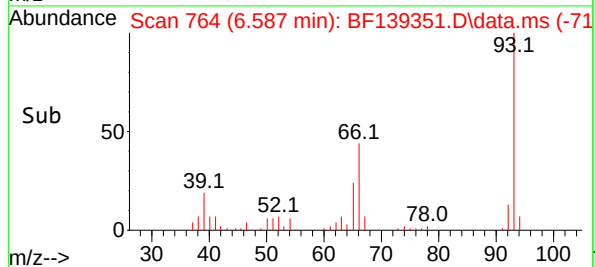
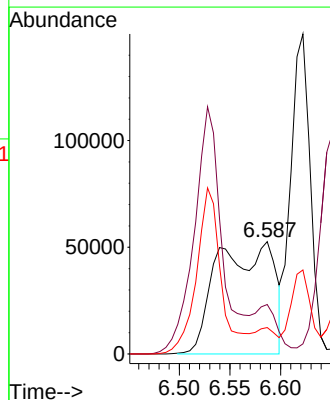
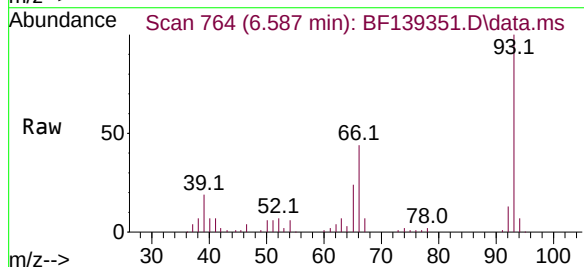
Manual Integrations
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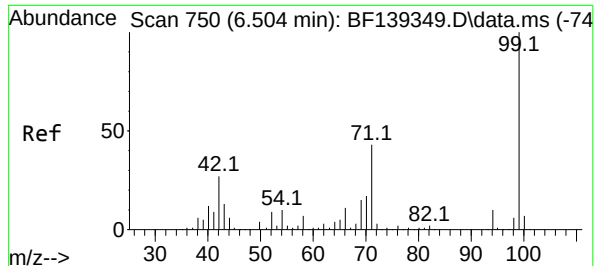
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#6
Aniline
Concen: 67.626 ng m
RT: 6.587 min Scan# 764
Delta R.T. 0.018 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion: 93 Resp: 202424
Ion Ratio Lower Upper
93 100
66 44.0 35.4 53.0
65 23.5 18.2 27.4





#7

Phenol-d6

Concen: 122.996 ng

RT: 6.516 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 99 Resp: 546138

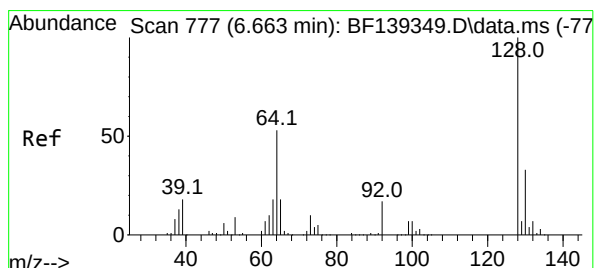
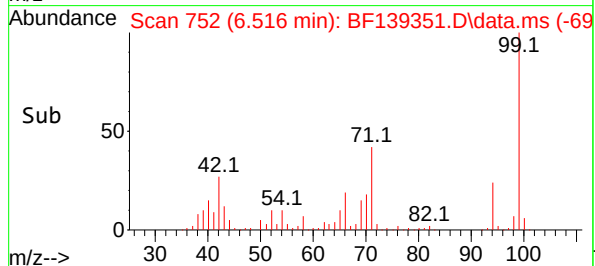
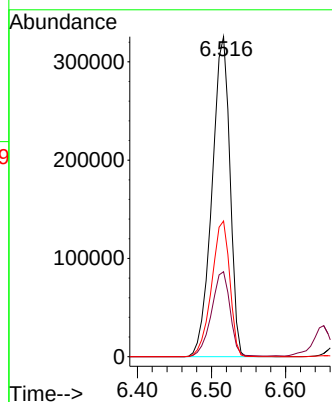
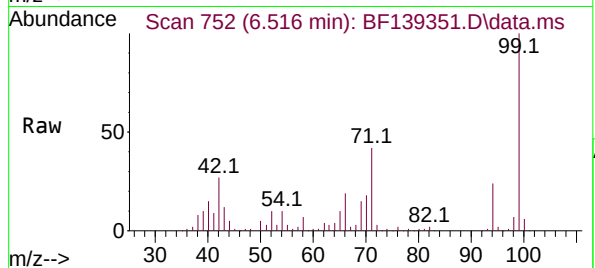
Ion	Ratio	Lower	Upper
99	100		
42	26.5	21.9	32.9
71	42.4	34.6	52.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#8

2-Chlorophenol

Concen: 61.675 ng

RT: 6.669 min Scan# 778

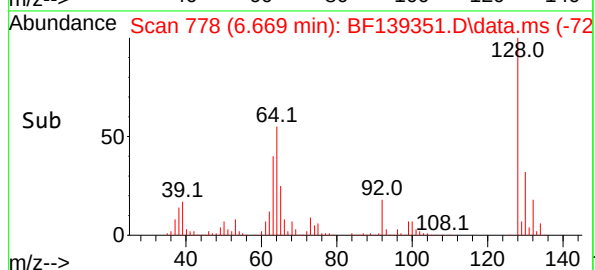
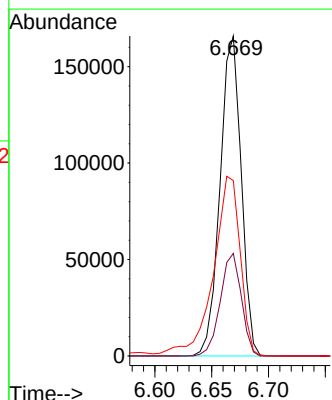
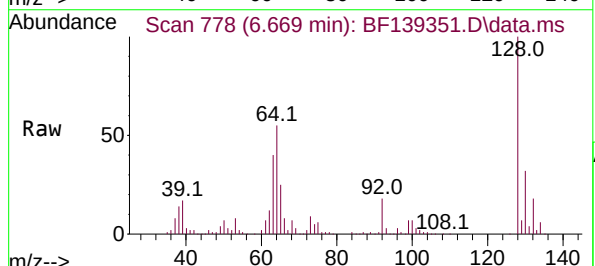
Delta R.T. 0.006 min

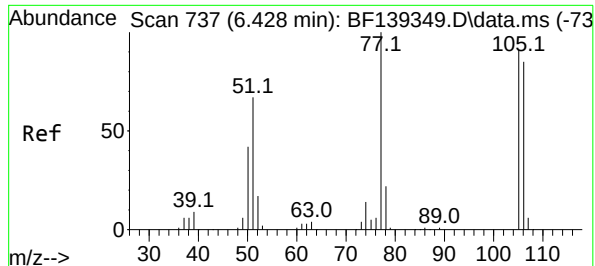
Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

Tgt Ion:128 Resp: 214769

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.8	52.8
64	54.8	35.1	75.1





#9

Benzaldehyde

Concen: 54.521 ng

RT: 6.428 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 77 Resp: 132592

Ion Ratio Lower Upper

77 100

105 89.8 71.0 111.0

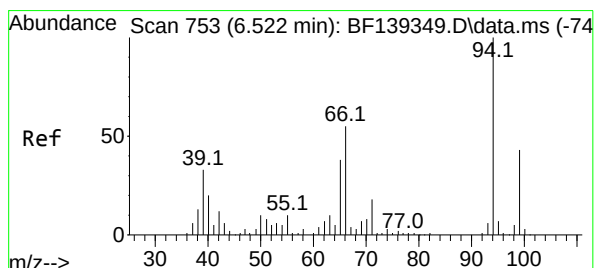
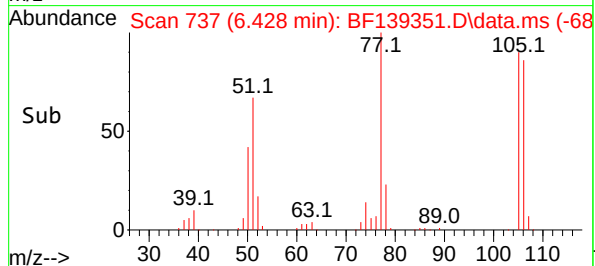
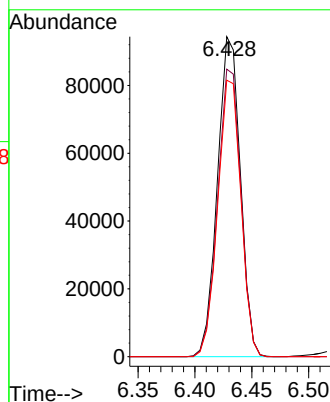
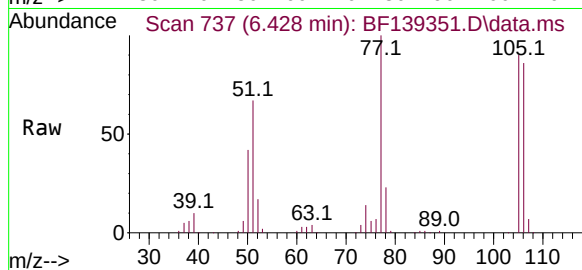
106 86.4 64.9 104.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#10

Phenol

Concen: 61.089 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.006 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

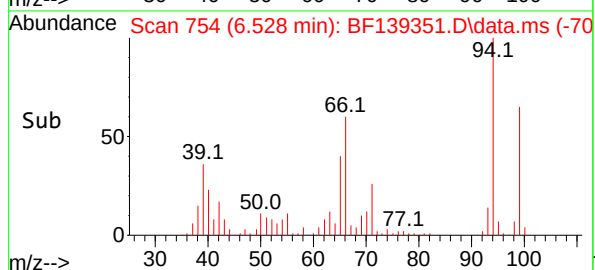
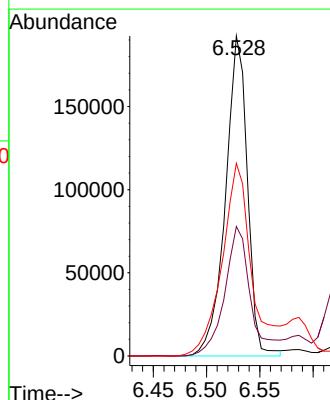
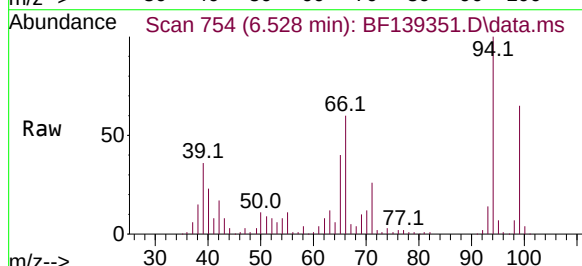
Tgt Ion: 94 Resp: 276269

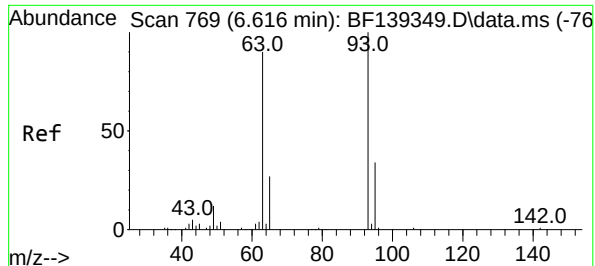
Ion Ratio Lower Upper

94 100

65 40.5 17.6 57.6

66 60.2 35.2 75.2





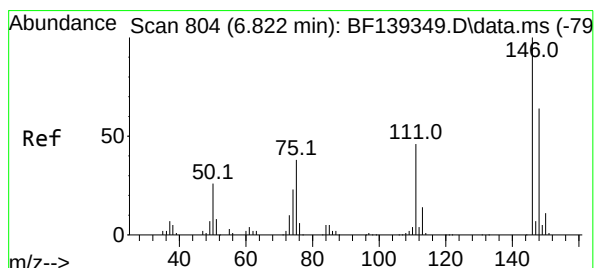
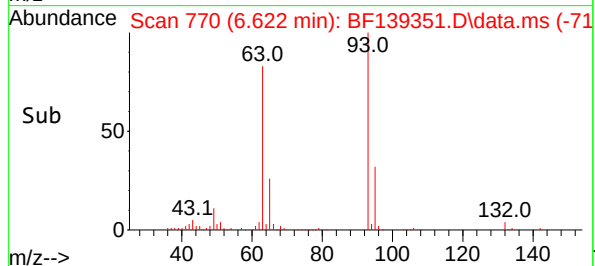
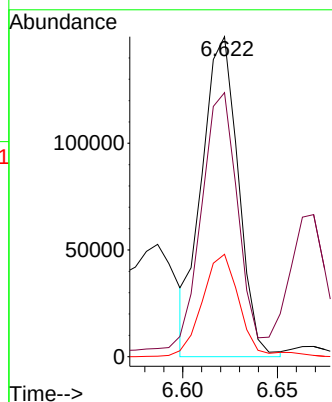
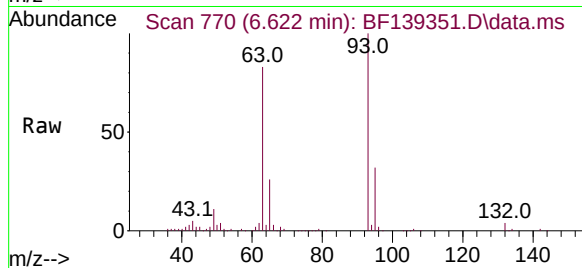
#11
bis(2-Chloroethyl)ether
Concen: 58.376 ng
RT: 6.622 min Scan# 770
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 20065
Ion Ratio Lower Upper
93 100
63 82.5 65.3 105.3
95 32.0 12.4 52.4

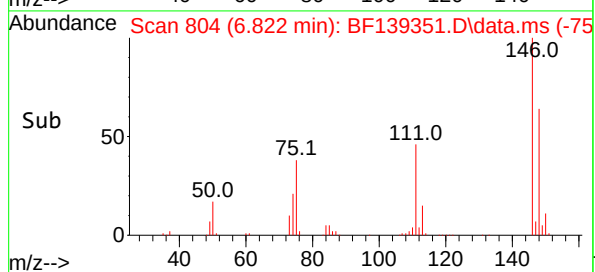
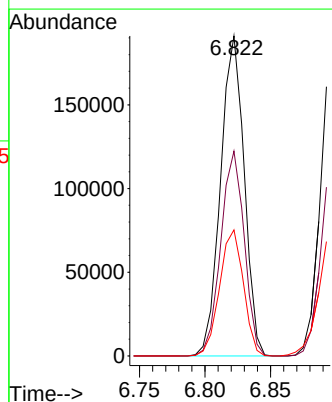
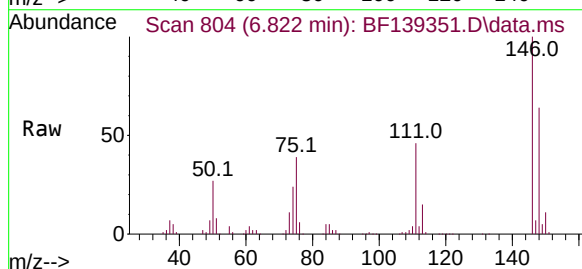
Manual Integrations
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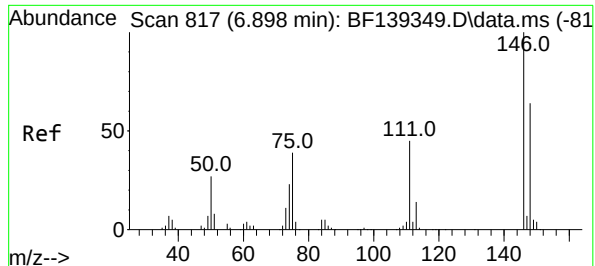
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#12
1,3-Dichlorobenzene
Concen: 60.370 ng
RT: 6.822 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:146 Resp: 239082
Ion Ratio Lower Upper
146 100
148 64.0 51.2 76.8
75 39.4 30.6 46.0





#13

1,4-Dichlorobenzene

Concen: 61.044 ng

RT: 6.898 min Scan# 817

Delta R.T. 0.000 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:146 Resp: 244302

Ion Ratio Lower Upper

146 100

148 63.3 50.9 76.3

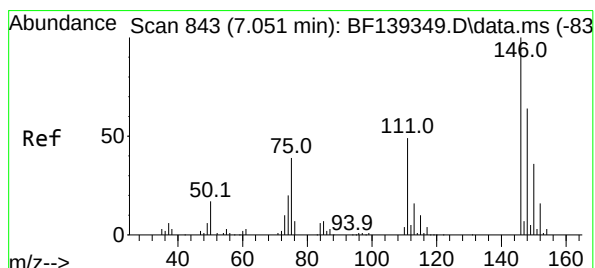
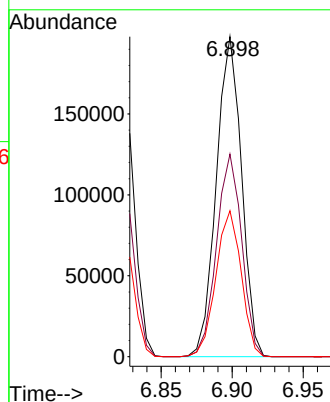
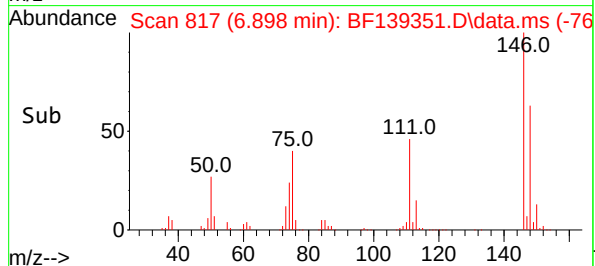
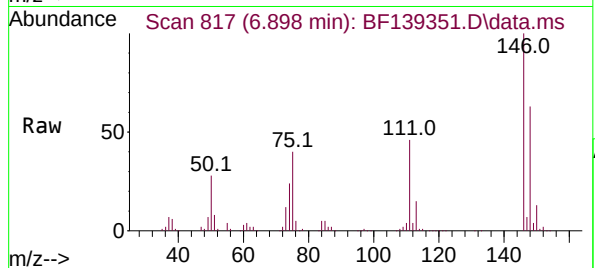
111 45.6 36.3 54.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#14

1,2-Dichlorobenzene

Concen: 61.555 ng

RT: 7.051 min Scan# 843

Delta R.T. 0.000 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

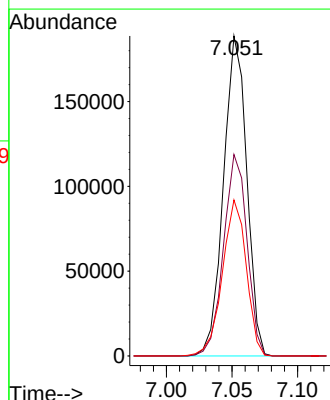
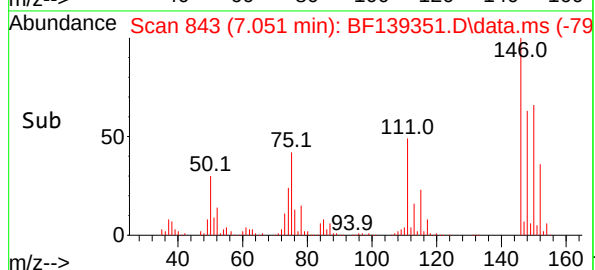
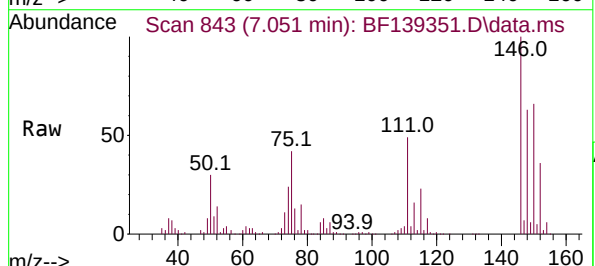
Tgt Ion:146 Resp: 232776

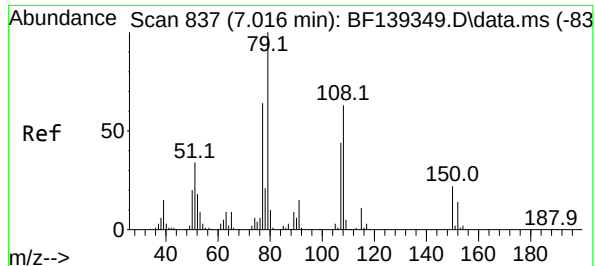
Ion Ratio Lower Upper

146 100

148 62.9 50.9 76.3

111 48.7 38.9 58.3





#15

Benzyl Alcohol

Concen: 62.456 ng

RT: 7.022 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

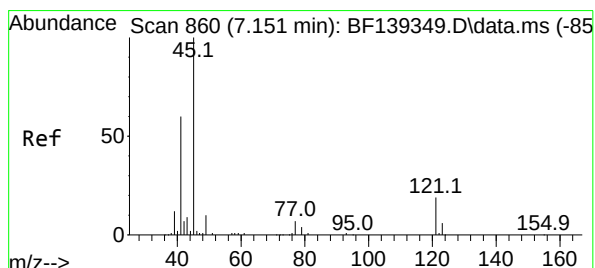
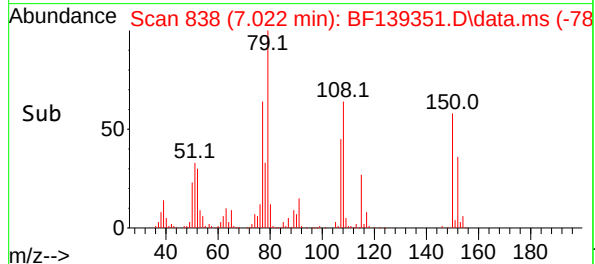
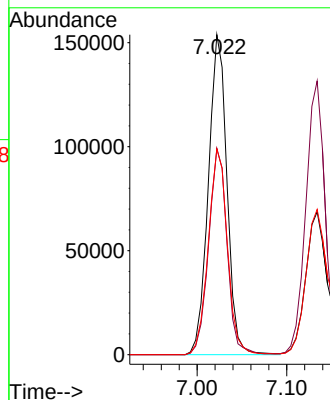
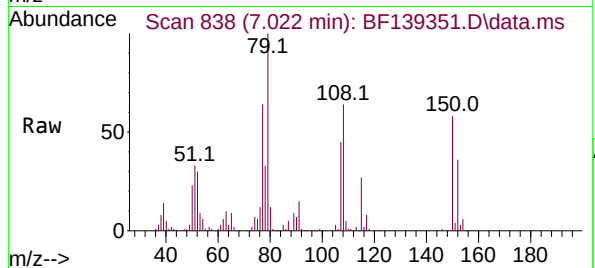
SSTDICC060

Tgt Ion:	79	Resp:	221254
Ion	Ratio	Lower	Upper
79	100		
108	64.5	50.4	75.6
77	64.3	51.4	77.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#16

2,2'-oxybis(1-Chloropropane)

Concen: 60.494 ng

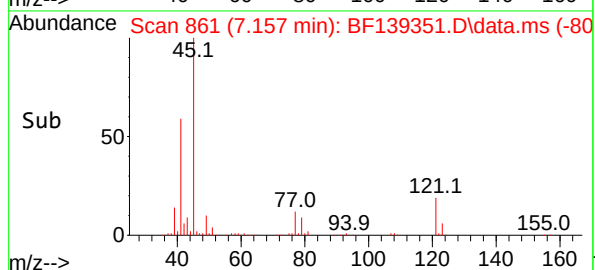
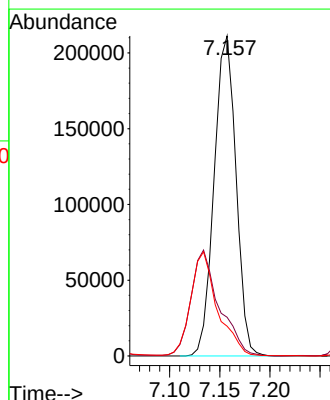
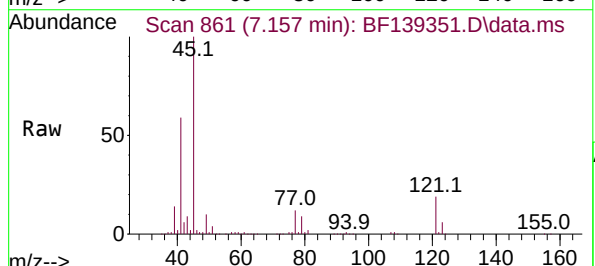
RT: 7.157 min Scan# 861

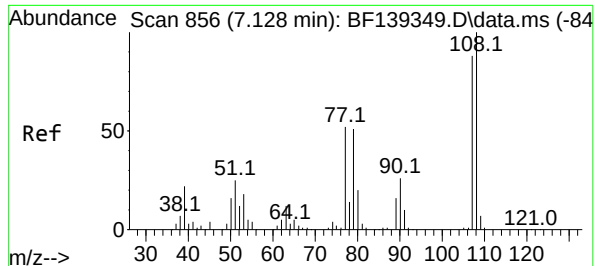
Delta R.T. 0.006 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

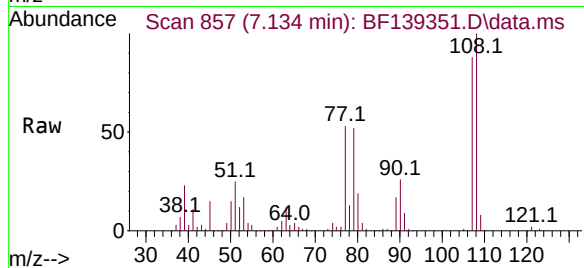
Tgt Ion:	45	Resp:	320455
Ion	Ratio	Lower	Upper
45	100		
77	12.1	0.0	32.0
79	9.3	0.0	29.1





#17
2-Methylphenol
Concen: 61.171 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

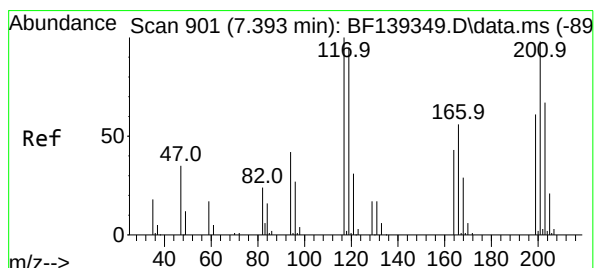
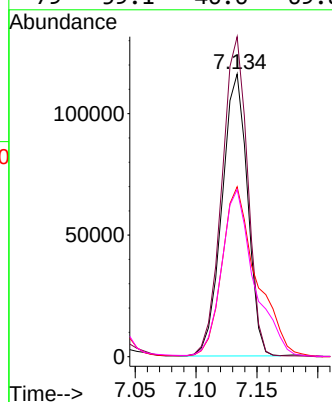
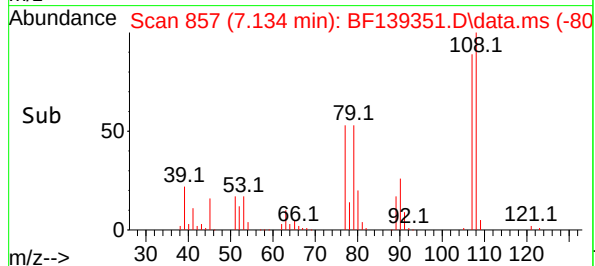
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:107 Resp: 16924
Ion Ratio Lower Upper
107 100
108 113.2 90.5 135.7
77 60.1 47.1 70.7
79 59.1 46.6 69.8

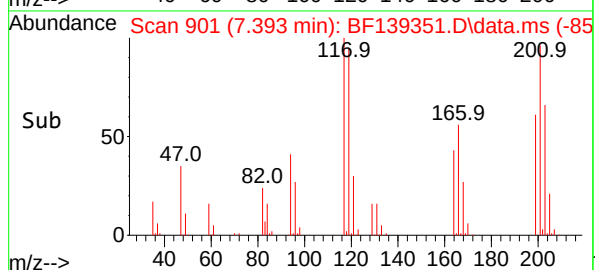
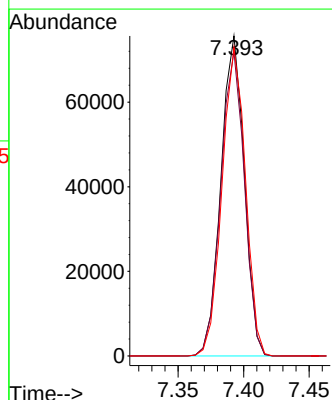
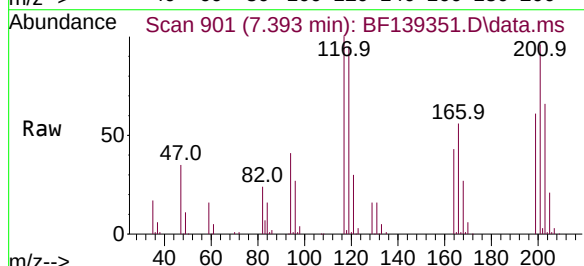
Manual Integrations
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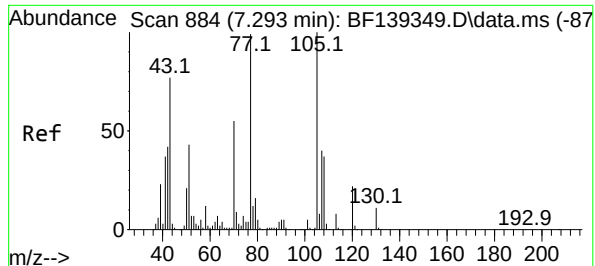
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#18
Hexachloroethane
Concen: 61.356 ng
RT: 7.393 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:117 Resp: 93527
Ion Ratio Lower Upper
117 100
119 95.0 75.8 113.8
201 96.4 78.6 118.0





#19

n-Nitroso-di-n-propylamine

Concen: 62.276 ng

RT: 7.298 min Scan# 884

Delta R.T. 0.006 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 163864

Ion Ratio Lower Upper

70 100

42 76.8 61.2 91.8

101 9.5 7.5 11.3

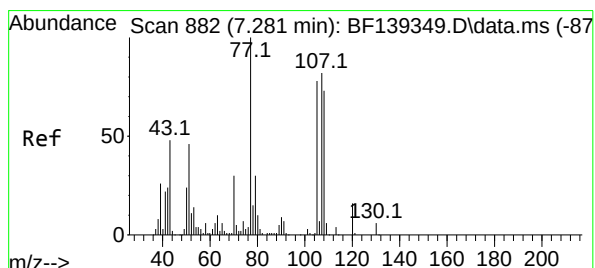
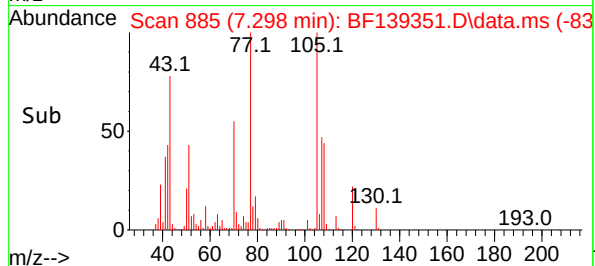
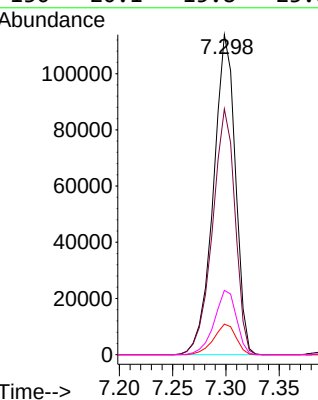
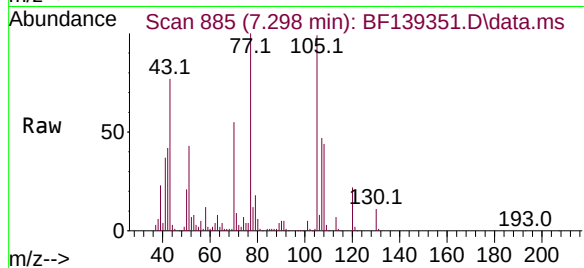
130 20.1 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#20

3+4-Methylphenols

Concen: 62.275 ng

RT: 7.287 min Scan# 883

Delta R.T. 0.006 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

Tgt Ion:107 Resp: 235065

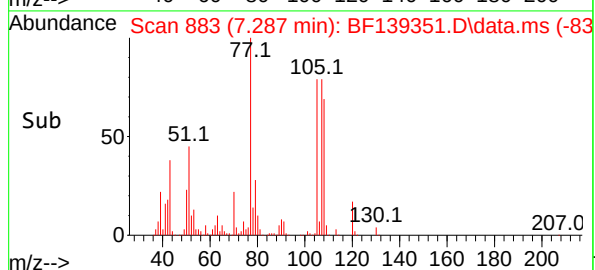
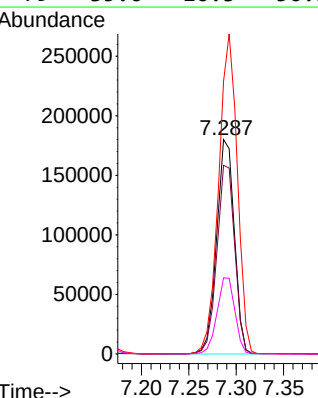
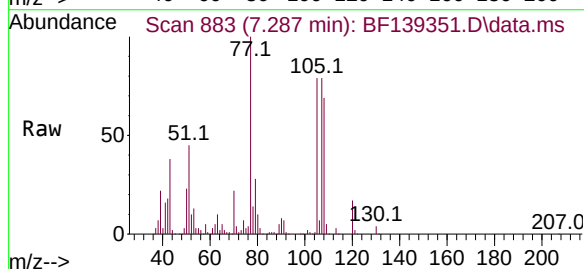
Ion Ratio Lower Upper

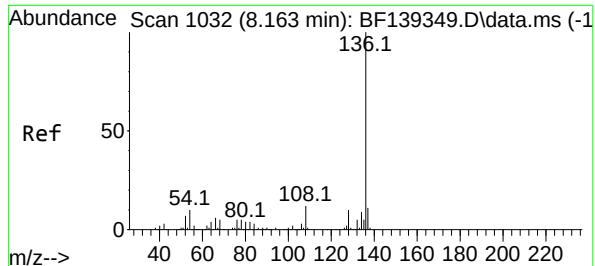
107 100

108 88.0 68.6 108.6

77 127.2 101.6 141.6

79 35.6 16.3 56.3





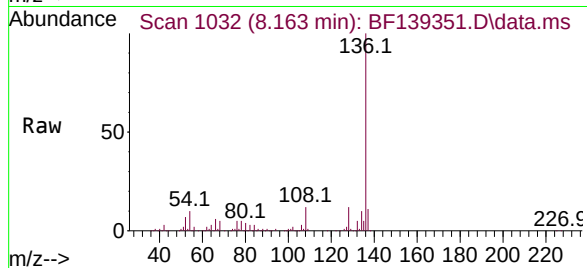
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

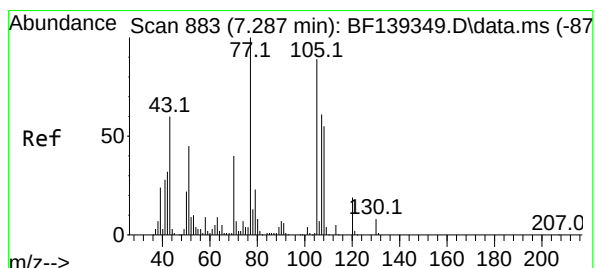
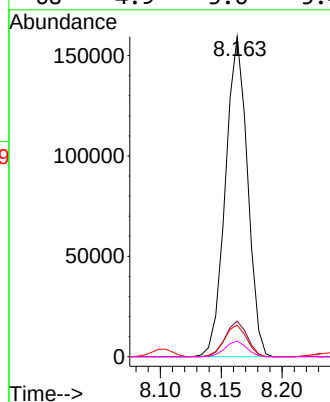
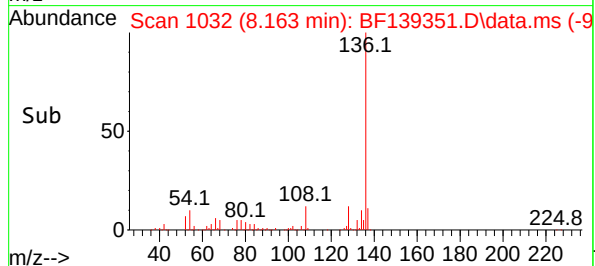


Tgt Ion:136 Resp: 200710
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 9.8 7.8 11.8
68 4.9 3.6 5.4

Manual Integrations

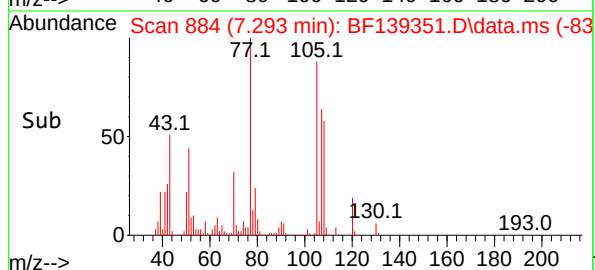
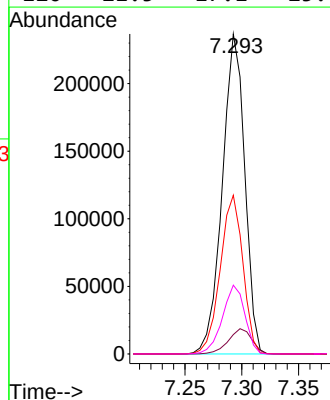
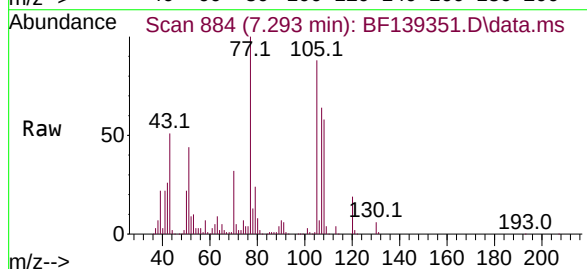
APPROVED

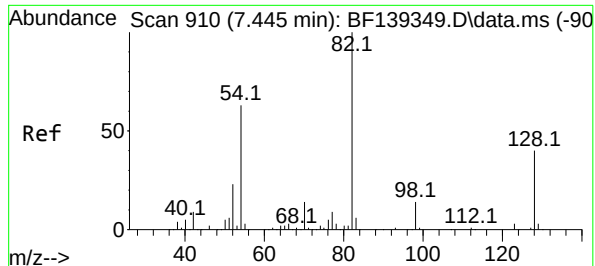
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#22
Acetophenone
Concen: 61.930 ng
RT: 7.293 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:105 Resp: 324964
Ion Ratio Lower Upper
105 100
71 6.1 5.9 8.9
51 49.6 40.0 60.0
120 21.5 17.1 25.7





#23

Nitrobenzene-d5

Concen: 124.852 ng

RT: 7.446 min Scan# 910

Delta R.T. 0.000 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 533058

Ion Ratio Lower Upper

82 100

128 38.0 31.8 47.6

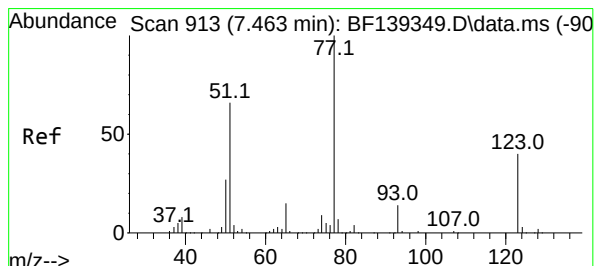
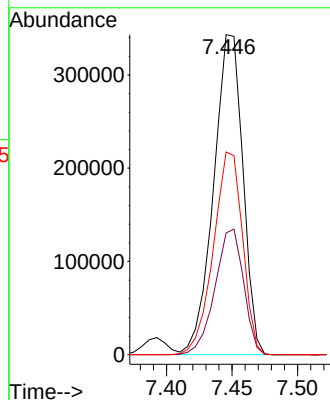
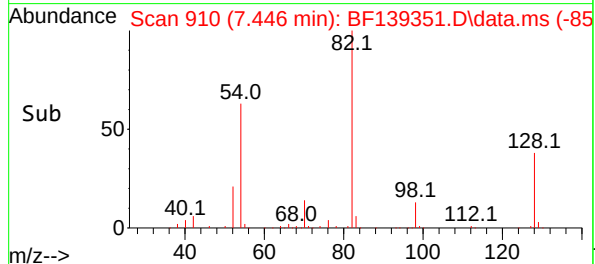
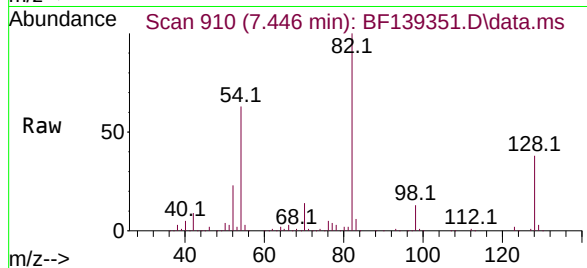
54 63.3 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#24

Nitrobenzene

Concen: 61.382 ng

RT: 7.469 min Scan# 914

Delta R.T. 0.006 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

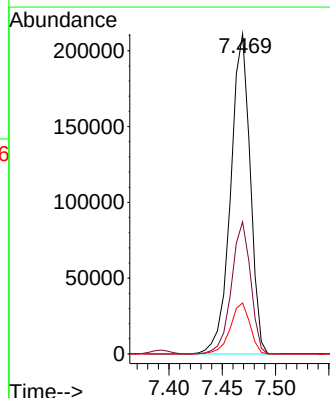
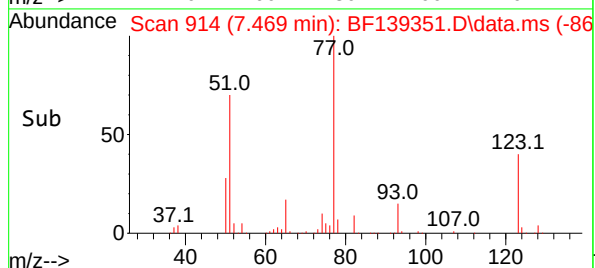
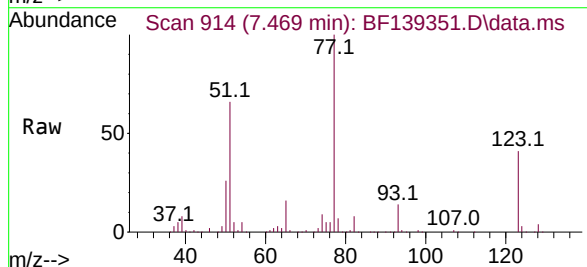
Tgt Ion: 77 Resp: 269729

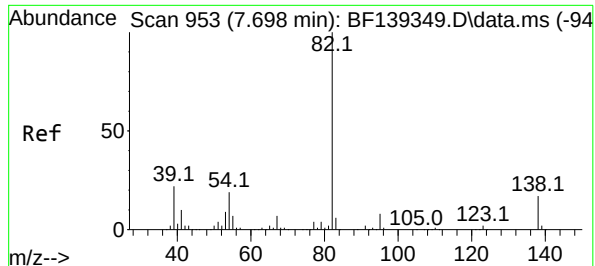
Ion Ratio Lower Upper

77 100

123 41.3 32.2 48.4

65 15.9 12.2 18.4





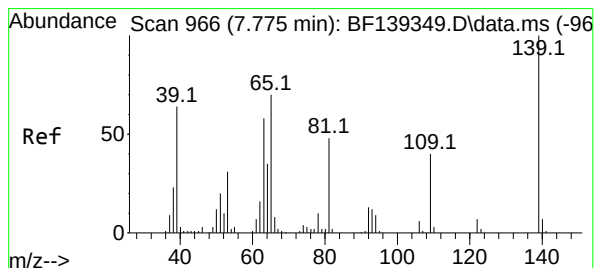
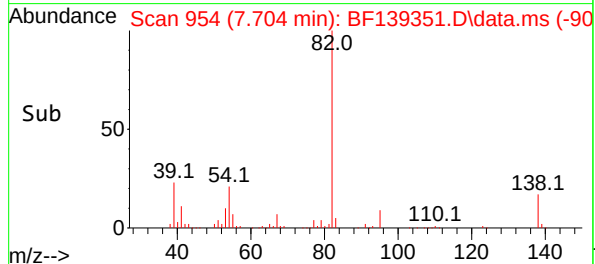
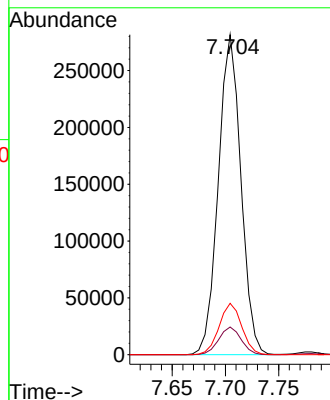
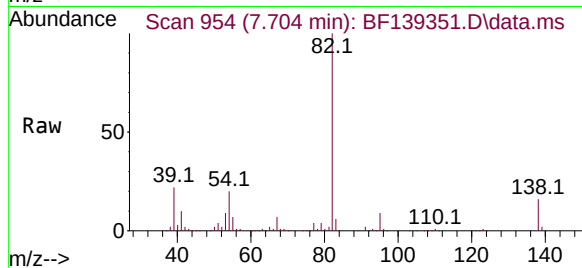
#25
Isophorone
Concen: 61.360 ng
RT: 7.704 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 41432
Ion Ratio Lower Upper
82 100
95 8.6 6.7 10.1
138 16.1 13.3 19.9

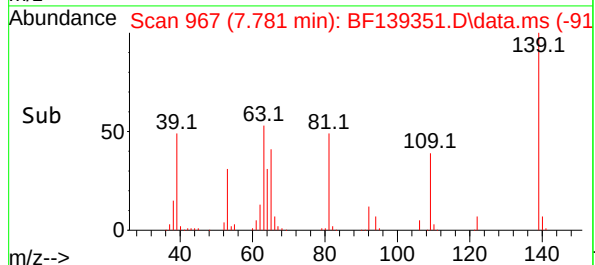
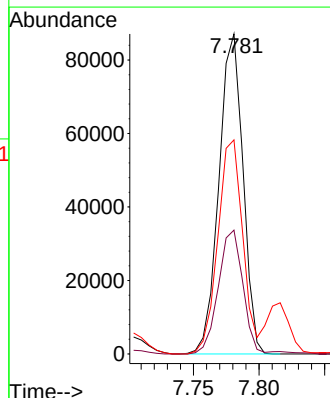
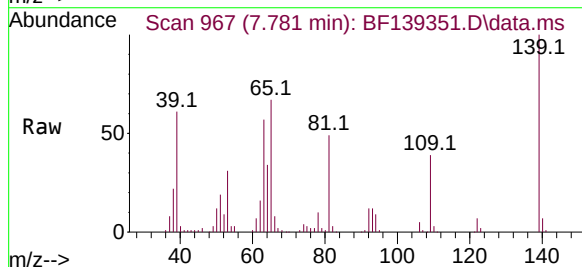
Manual Integrations
APPROVED

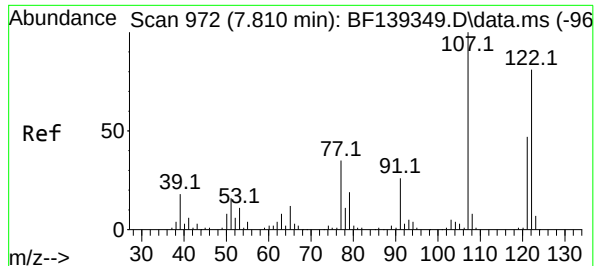
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#26
2-Nitrophenol
Concen: 64.806 ng
RT: 7.781 min Scan# 967
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:139 Resp: 110946
Ion Ratio Lower Upper
139 100
109 38.7 32.2 48.2
65 66.9 55.8 83.8





#27

2,4-Dimethylphenol

Concen: 62.698 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:122 Resp: 14158

Ion Ratio Lower Upper

122 100

107 126.3 99.1 148.7

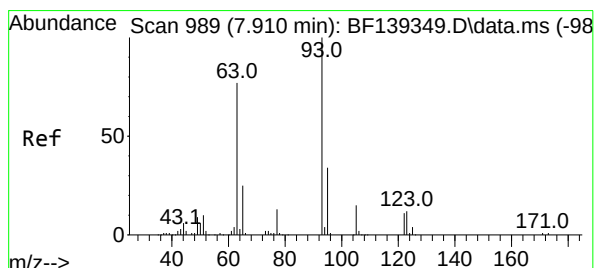
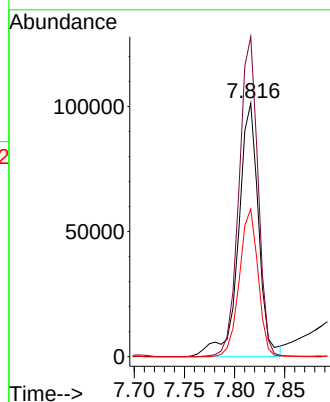
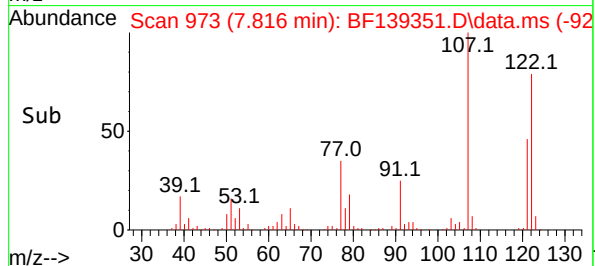
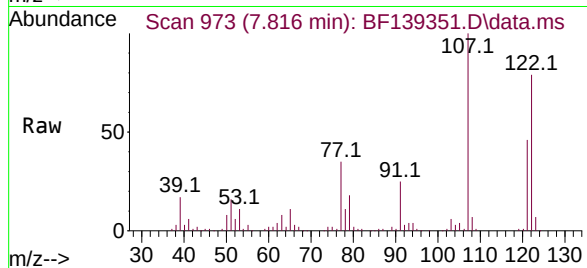
121 58.3 46.6 70.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#28

bis(2-Chloroethoxy)methane

Concen: 61.287 ng

RT: 7.916 min Scan# 990

Delta R.T. 0.006 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

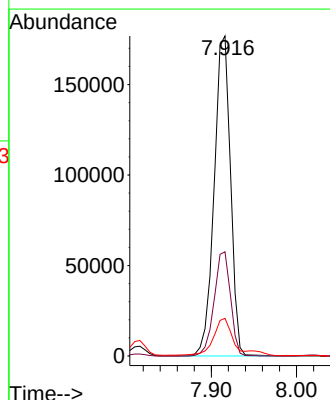
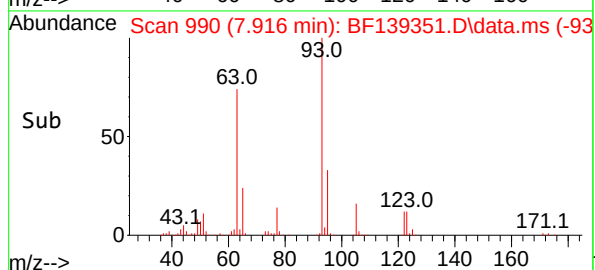
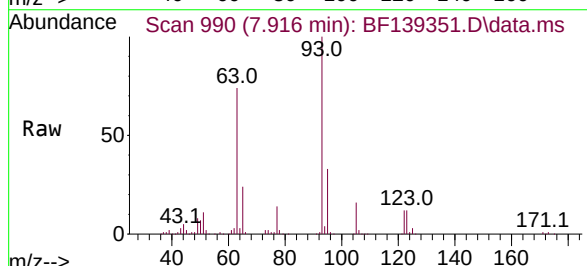
Tgt Ion: 93 Resp: 235849

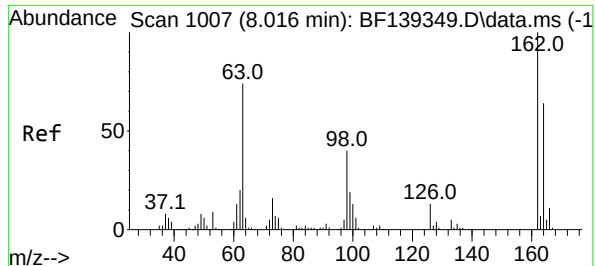
Ion Ratio Lower Upper

93 100

95 32.6 26.9 40.3

123 11.7 10.0 15.0





#29
2,4-Dichlorophenol
Concen: 61.752 ng
RT: 8.022 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

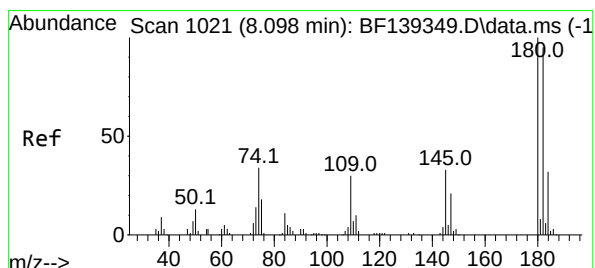
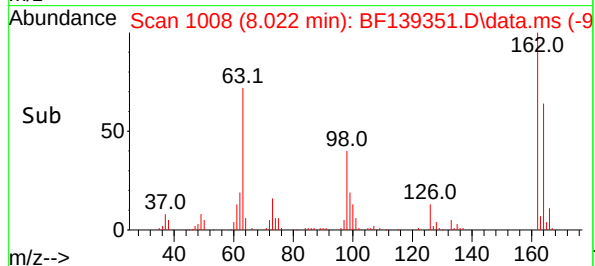
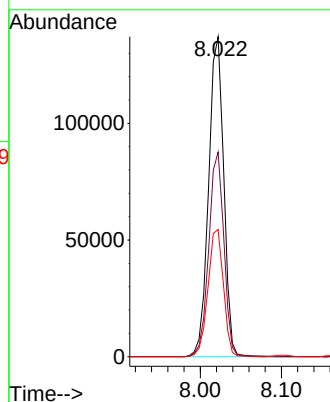
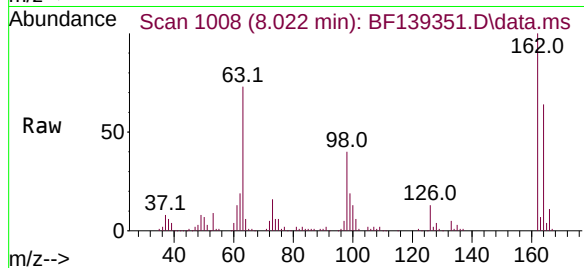
SSTDICC060

Tgt Ion:162 Resp: 17715
Ion Ratio Lower Upper
162 100
164 64.0 43.6 83.6
98 39.7 19.7 59.7

Manual Integrations

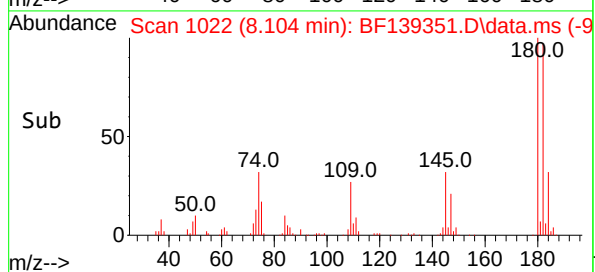
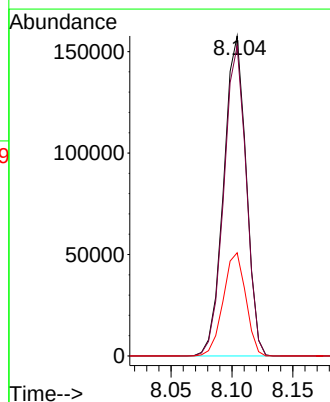
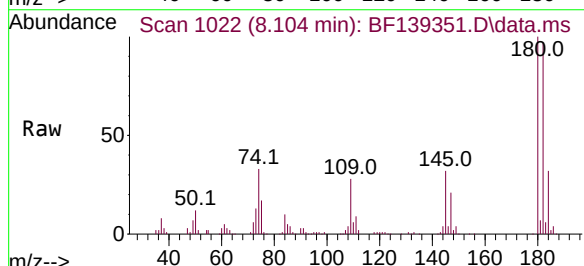
APPROVED

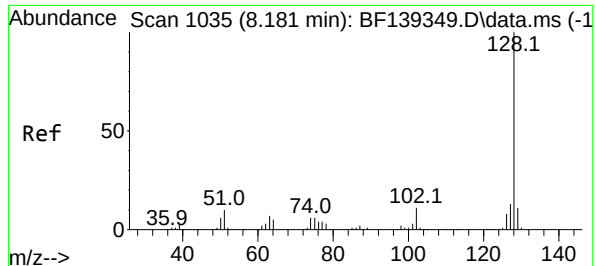
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#30
1,2,4-Trichlorobenzene
Concen: 60.625 ng
RT: 8.104 min Scan# 1022
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

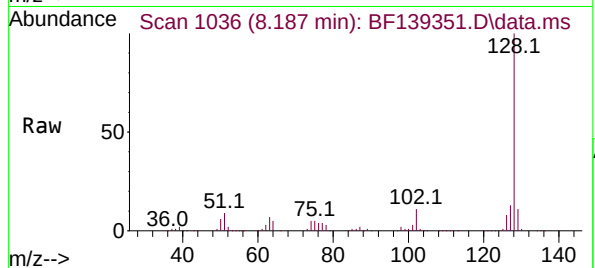
Tgt Ion:180 Resp: 202649
Ion Ratio Lower Upper
180 100
182 96.9 75.7 113.5
145 32.2 26.5 39.7





#31
Naphthalene
Concen: 61.819 ng
RT: 8.187 min Scan# 1035
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

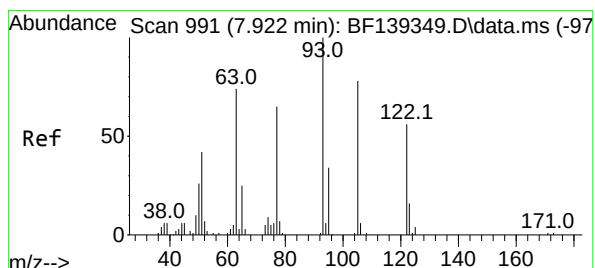
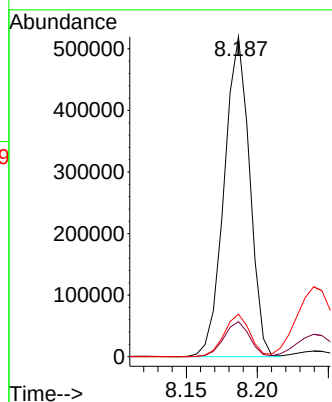
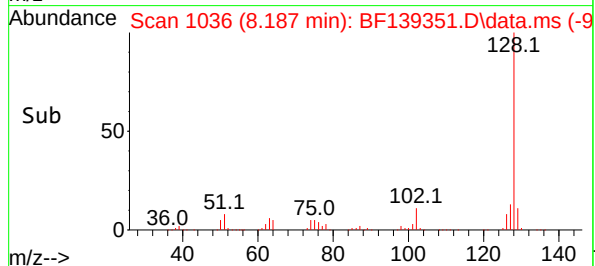
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:128 Resp: 647769
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.3 10.6 16.0

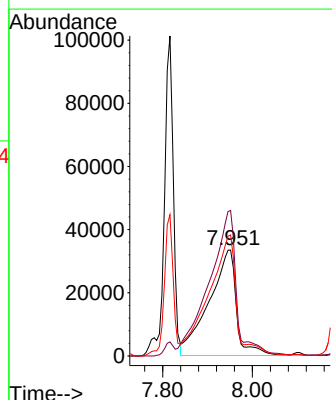
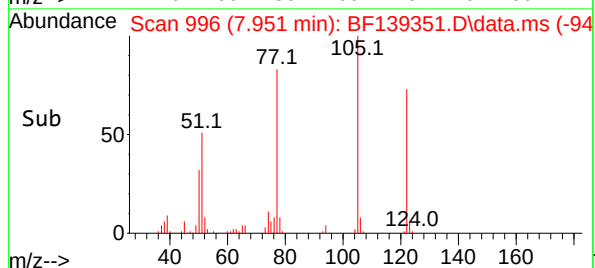
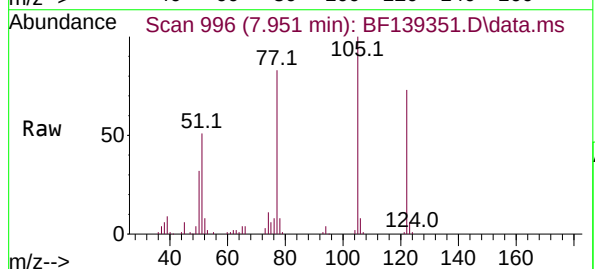
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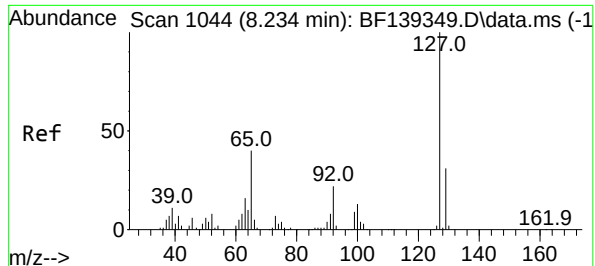
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#32
Benzoic acid
Concen: 66.826 ng m
RT: 7.951 min Scan# 996
Delta R.T. 0.029 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

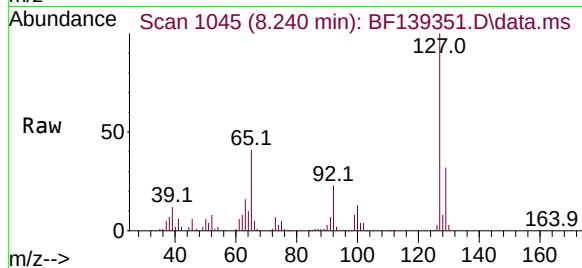
Tgt Ion:122 Resp: 141779
Ion Ratio Lower Upper
122 100
105 137.4 117.1 157.1
77 114.1 95.4 135.4





#33
4-Chloroaniline
Concen: 62.450 ng
RT: 8.240 min Scan# 1044
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

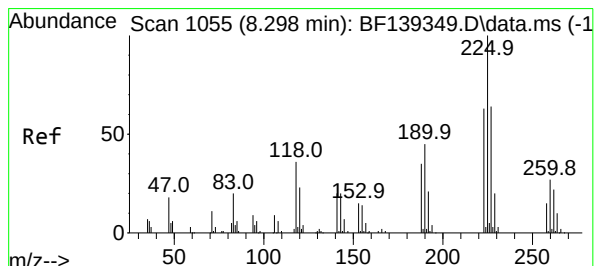
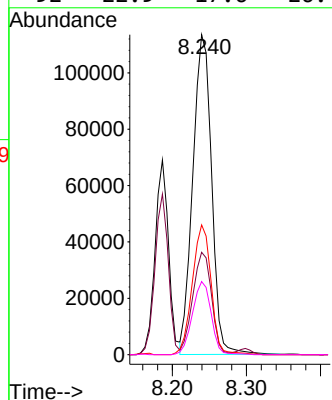
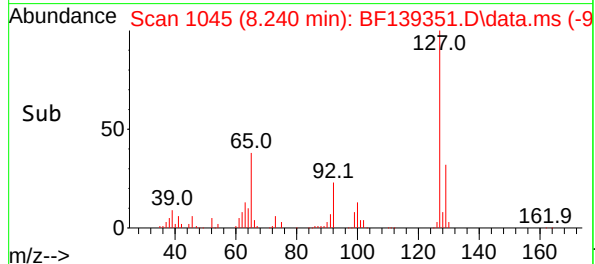
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:127 Resp: 200192
Ion Ratio Lower Upper
127 100
129 32.0 25.5 38.3
65 40.5 31.5 47.3
92 22.9 17.6 26.4

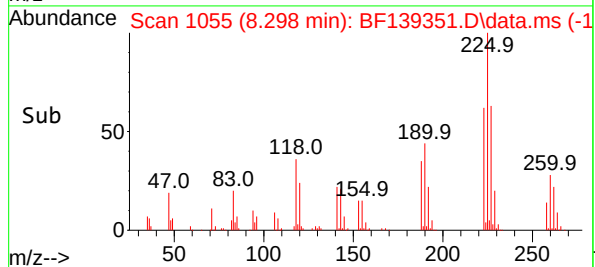
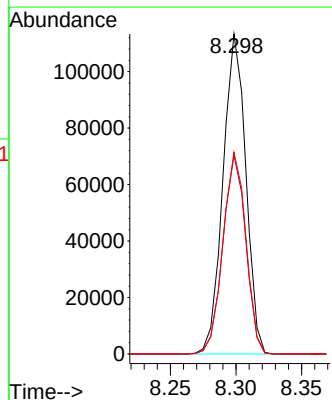
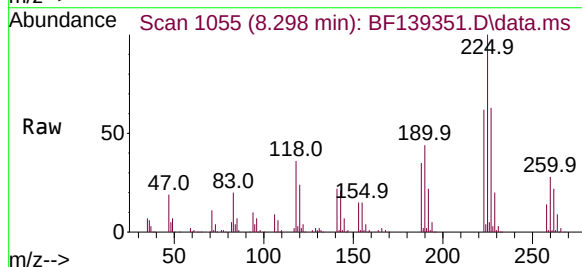
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APPROVED

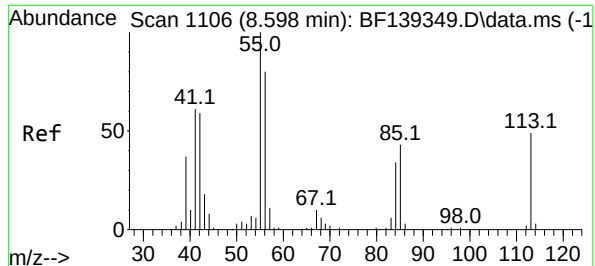
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#34
Hexachlorobutadiene
Concen: 60.236 ng
RT: 8.298 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:225 Resp: 136795
Ion Ratio Lower Upper
225 100
223 62.1 50.1 75.1
227 63.0 51.0 76.6





#35

Caprolactam

Concen: 60.885 ng

RT: 8.616 min Scan# 1109

Delta R.T. 0.018 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:113 Resp: 53730

Ion Ratio Lower Upper

113 100

55 208.2 186.1 226.1

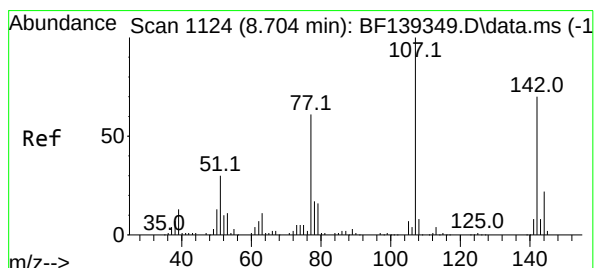
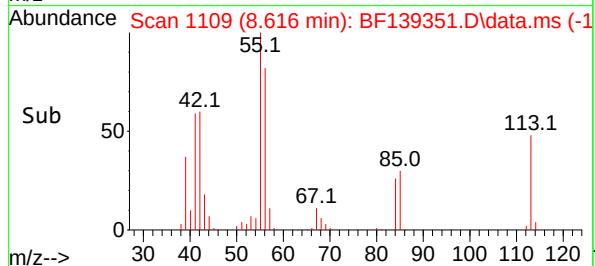
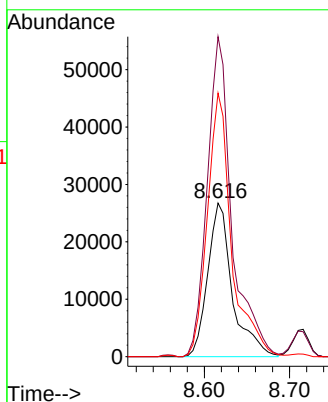
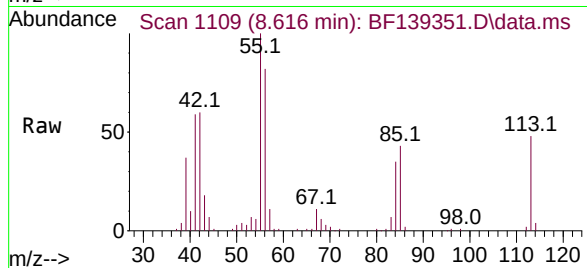
56 171.4 144.9 184.9

Manual Integrations

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Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#36

4-Chloro-3-methylphenol

Concen: 61.625 ng

RT: 8.716 min Scan# 1126

Delta R.T. 0.012 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

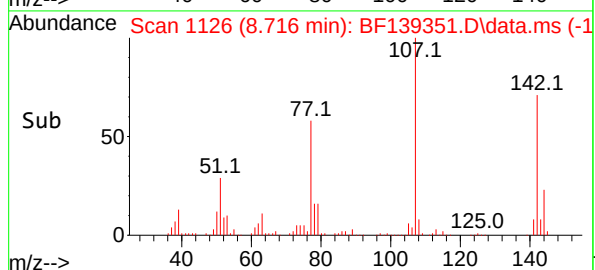
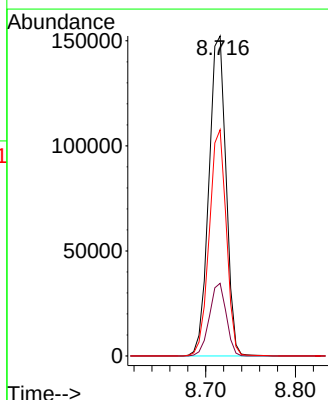
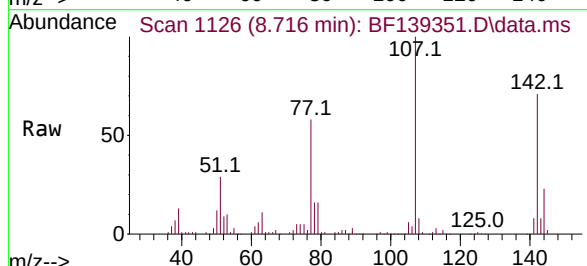
Tgt Ion:107 Resp: 202047

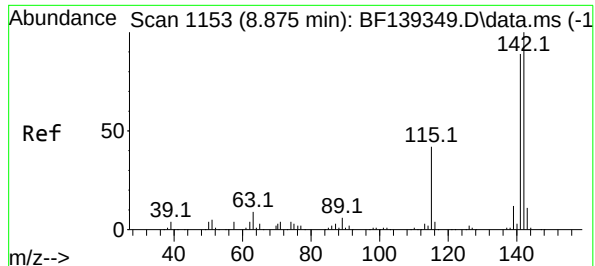
Ion Ratio Lower Upper

107 100

144 22.7 17.5 26.3

142 70.7 55.8 83.8





#37

2-Methylnaphthalene

Concen: 61.148 ng

RT: 8.875 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:142 Resp: 406699

Ion Ratio Lower Upper

142 100

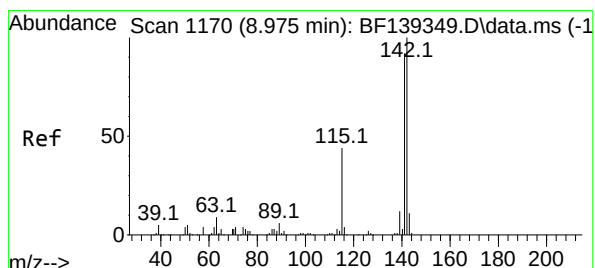
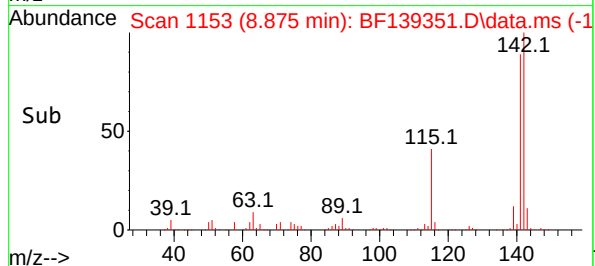
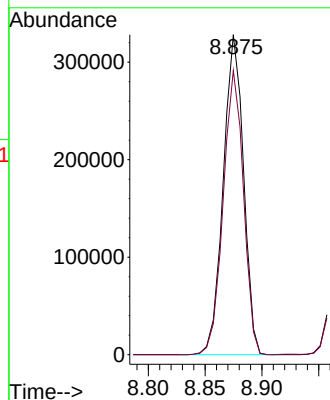
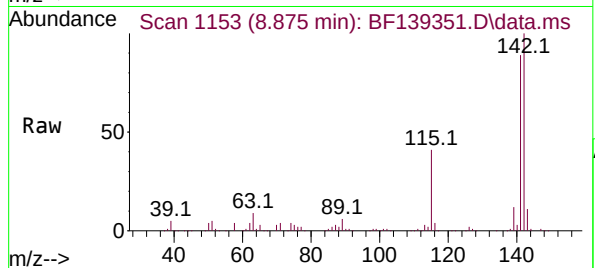
141 88.8 71.6 107.4

Manual Integrations

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Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#38

1-Methylnaphthalene

Concen: 60.930 ng

RT: 8.975 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF139351.D

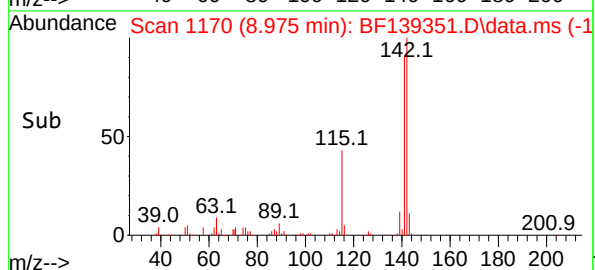
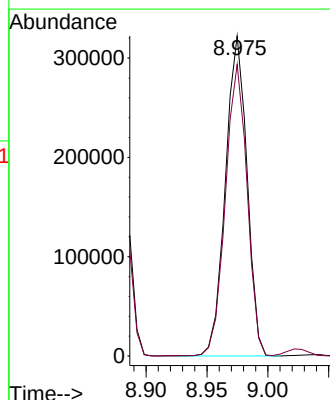
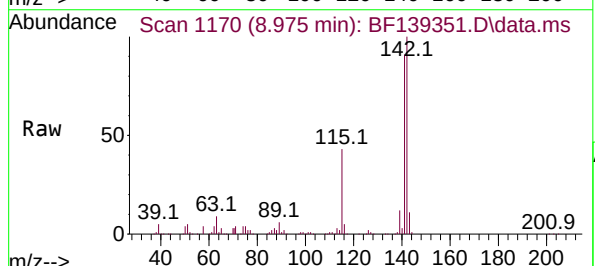
Acq: 13 Sep 2024 18:48

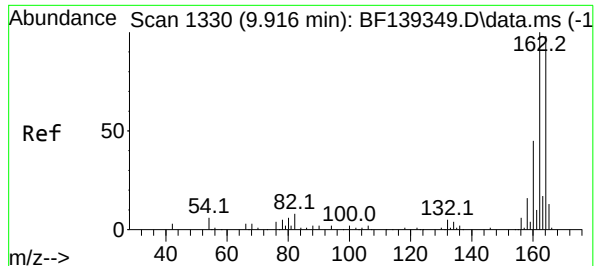
Tgt Ion:142 Resp: 397859

Ion Ratio Lower Upper

142 100

141 91.1 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF139351.D

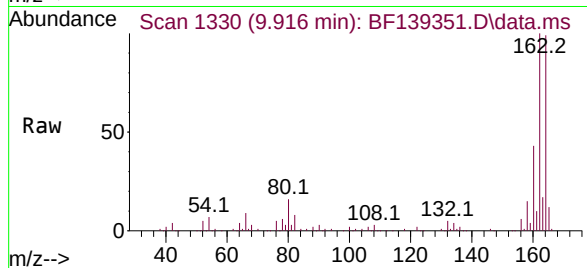
Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:164 Resp: 11286

Ion Ratio Lower Upper

164 100

162 100.7 81.3 121.9

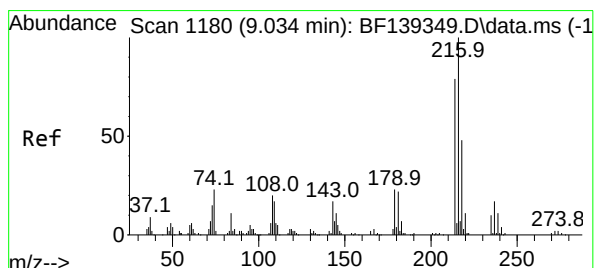
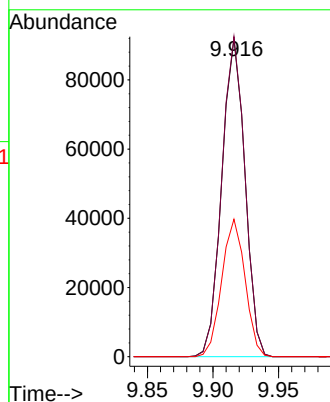
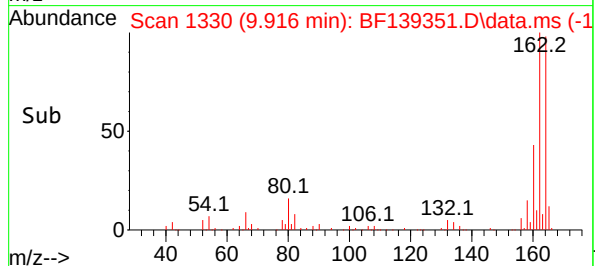
160 43.3 36.4 54.6

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Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 60.469 ng

RT: 9.040 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

Tgt Ion:216 Resp: 202263

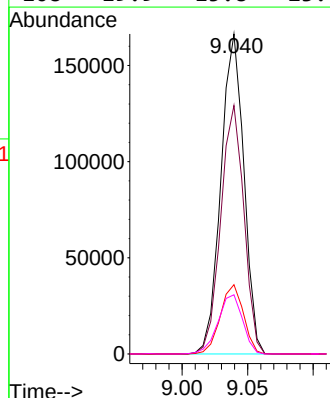
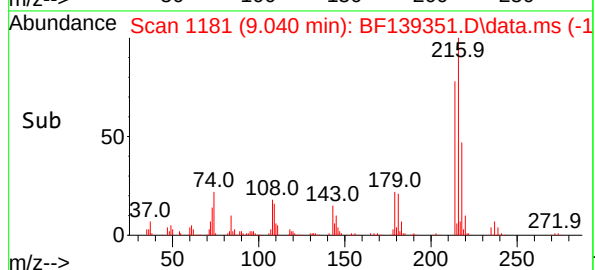
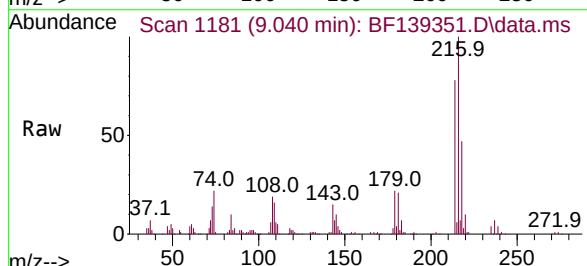
Ion Ratio Lower Upper

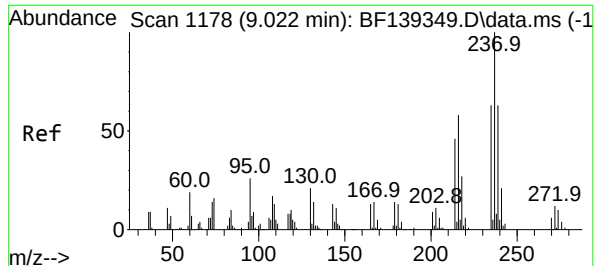
216 100

214 78.1 63.4 95.0

179 21.9 18.2 27.2

108 19.9 15.8 23.6





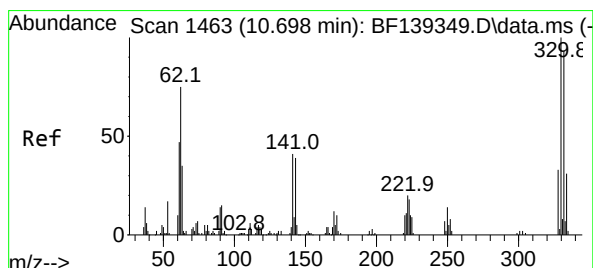
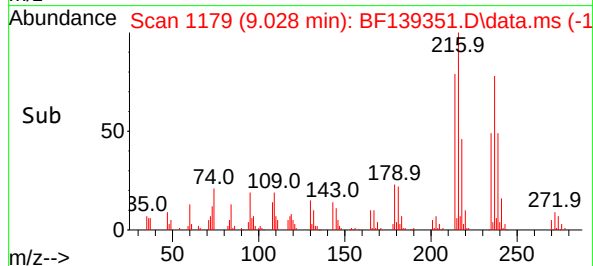
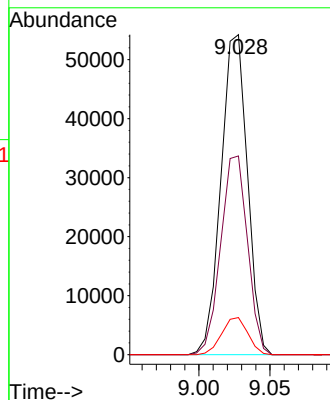
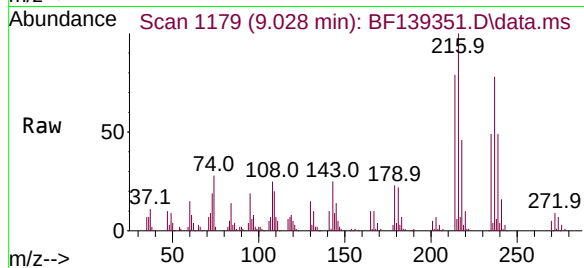
#41
Hexachlorocyclopentadiene
Concen: 60.253 ng
RT: 9.028 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:237 Resp: 70369
Ion Ratio Lower Upper
237 100
235 62.1 42.7 82.7
272 11.6 0.0 32.5

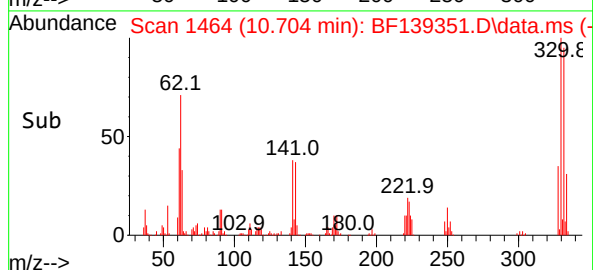
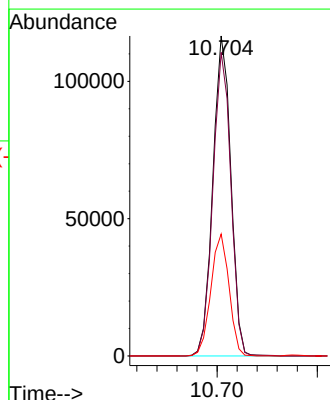
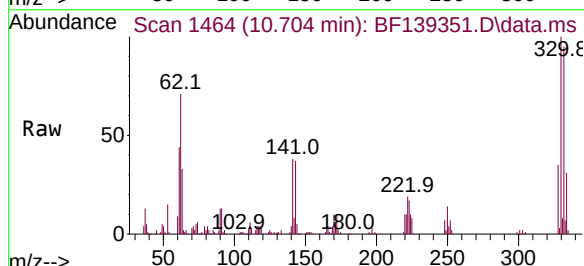
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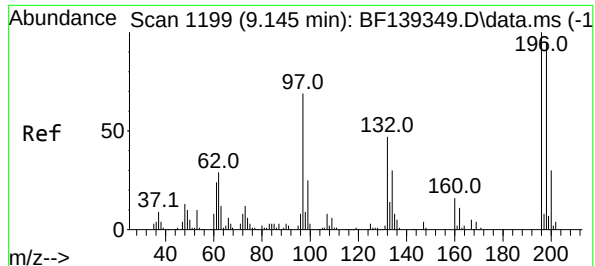
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#42
2,4,6-Tribromophenol
Concen: 120.977 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:330 Resp: 145361
Ion Ratio Lower Upper
330 100
332 94.9 75.2 112.8
141 38.4 31.2 46.8





#43

2,4,6-Trichlorophenol

Concen: 59.949 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF139351.D

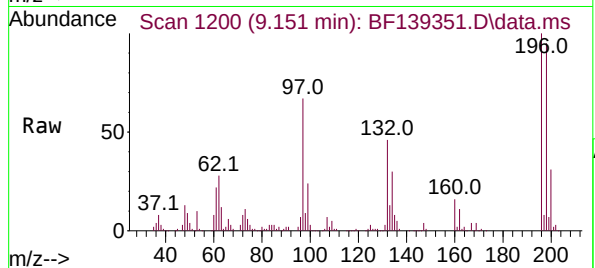
Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:196 Resp: 130460

Ion Ratio Lower Upper

196 100

198 94.7 75.8 113.6

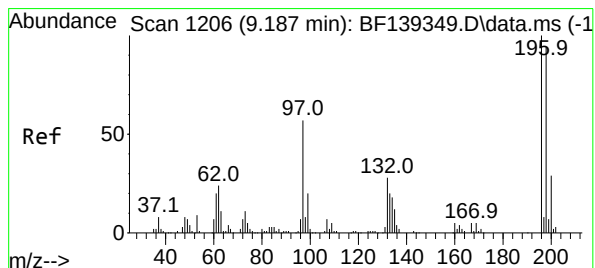
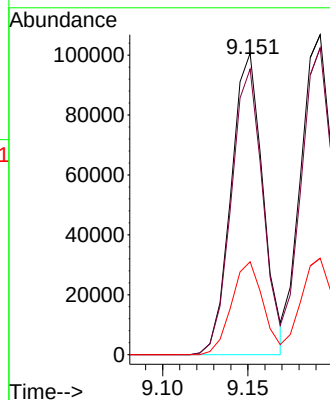
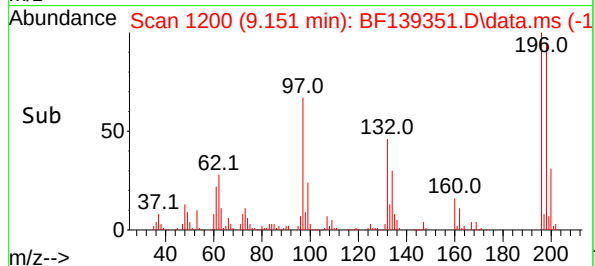
200 30.8 24.1 36.1

Manual Integrations

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Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#44

2,4,5-Trichlorophenol

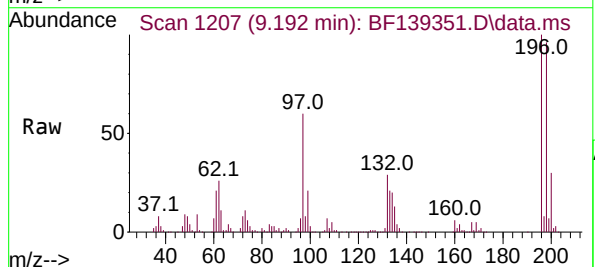
Concen: 60.571 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.006 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48



Tgt Ion:196 Resp: 139041

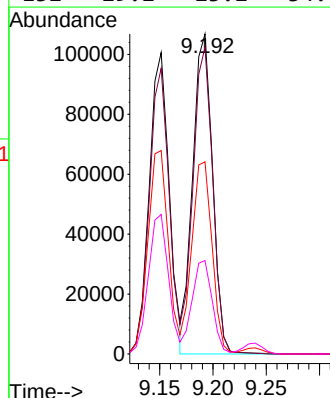
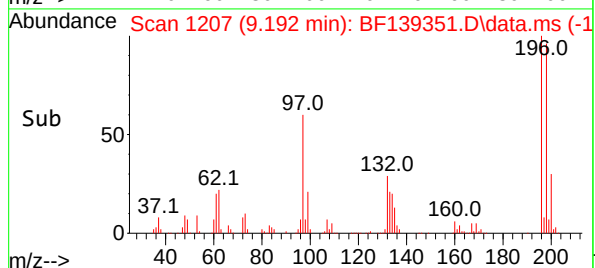
Ion Ratio Lower Upper

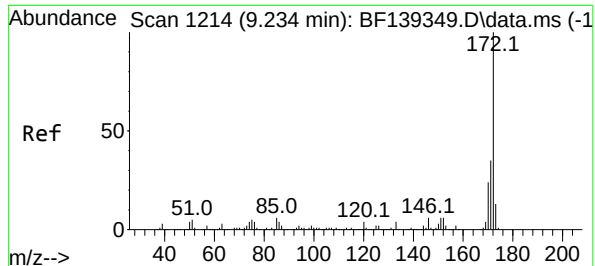
196 100

198 95.9 74.8 112.2

97 60.0 47.3 70.9

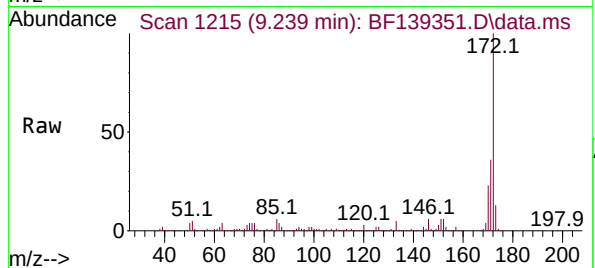
132 29.2 23.2 34.8





#45
2-Fluorobiphenyl
Concen: 118.368 ng
RT: 9.239 min Scan# 1215
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

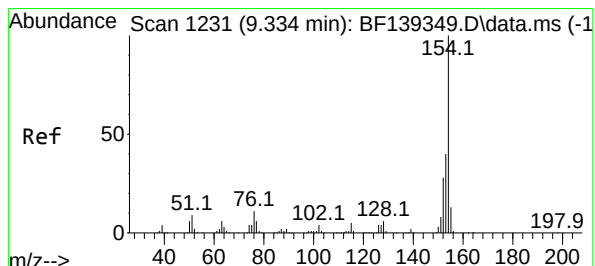
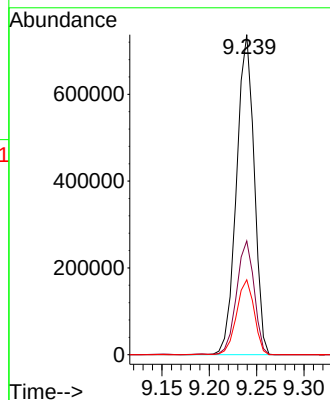
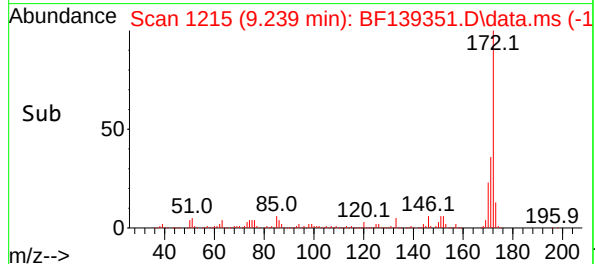
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:172 Resp: 952524
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.4 19.0 28.6

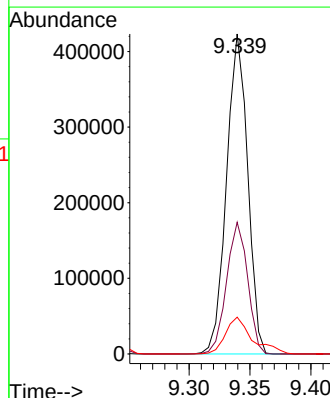
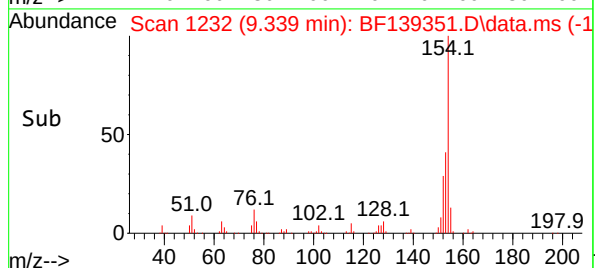
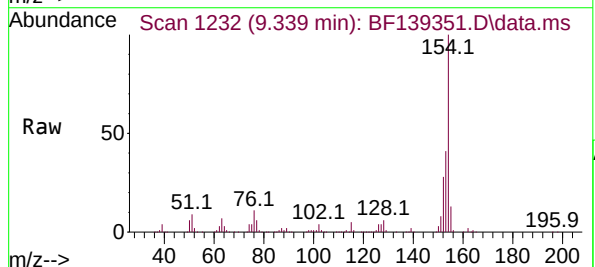
Manual Integrations
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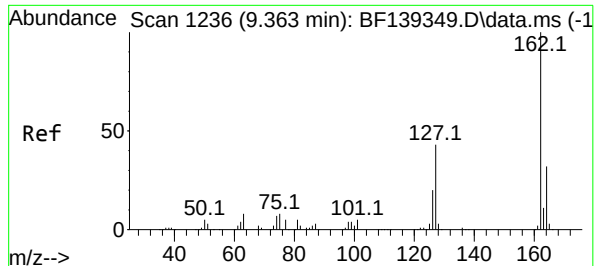
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#46
1,1'-Biphenyl
Concen: 58.895 ng
RT: 9.339 min Scan# 1232
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:154 Resp: 511379
Ion Ratio Lower Upper
154 100
153 41.2 20.1 60.1
76 11.5 0.0 31.1





#47

2-Chloronaphthalene

Concen: 60.232 ng

RT: 9.363 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF139351.D

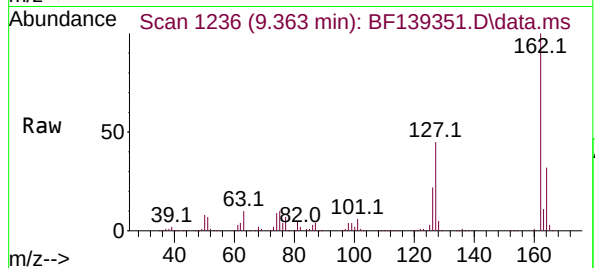
Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

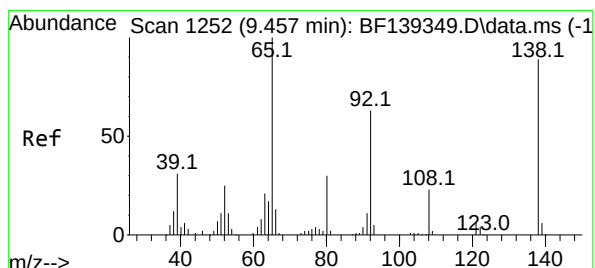
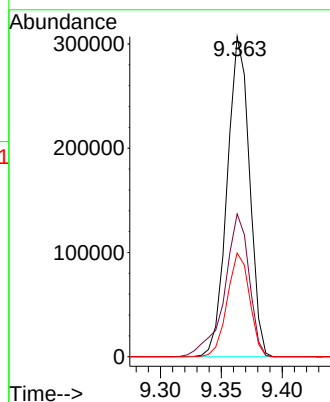
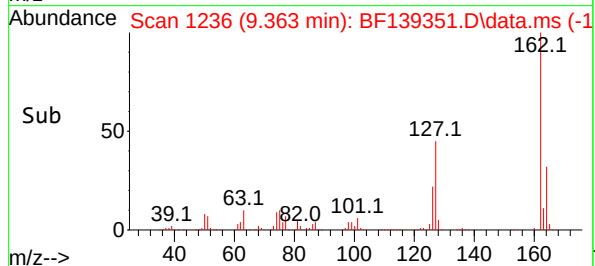


Tgt Ion:	162	Resp:	39103
Ion Ratio	Lower	Upper	
162	100		
127	44.6	35.0	52.4
164	32.4	25.8	38.6

Manual Integrations

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Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#48

2-Nitroaniline

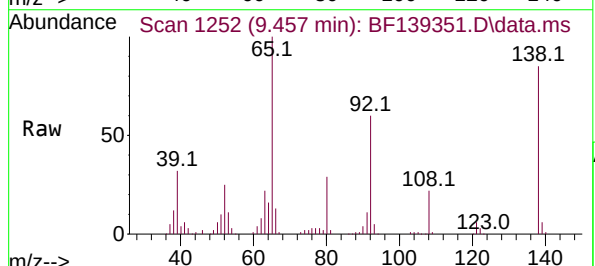
Concen: 62.050 ng

RT: 9.457 min Scan# 1252

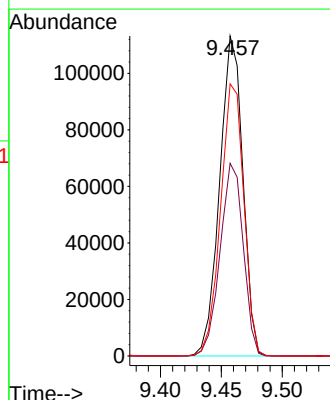
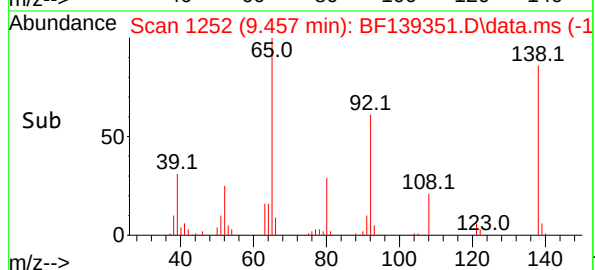
Delta R.T. 0.000 min

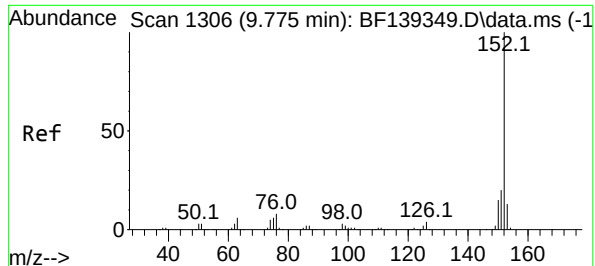
Lab File: BF139351.D

Acq: 13 Sep 2024 18:48



Tgt Ion:	65	Resp:	149834
Ion Ratio	Lower	Upper	
65	100		
92	60.2	50.3	75.5
138	85.1	71.3	106.9





#49

Acenaphthylene

Concen: 59.530 ng

RT: 9.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:152 Resp: 581764

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.2

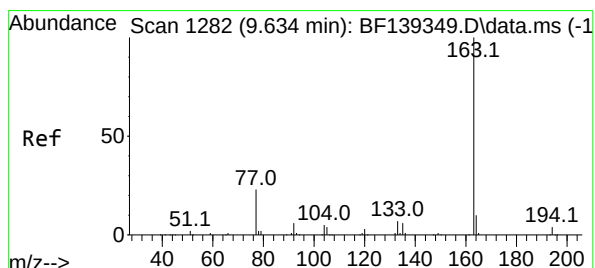
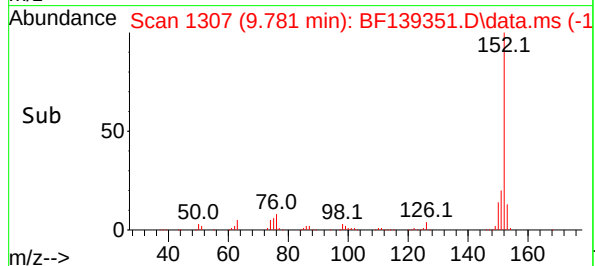
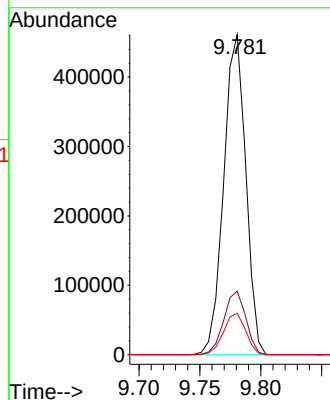
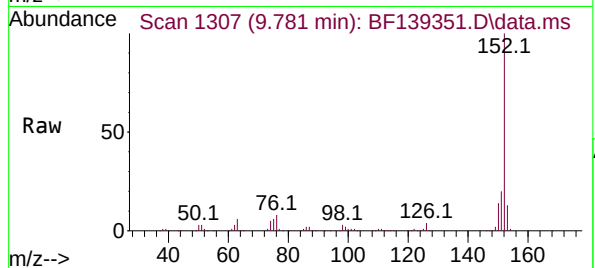
153 12.9 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#50

Dimethylphthalate

Concen: 60.032 ng

RT: 9.639 min Scan# 1283

Delta R.T. 0.006 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

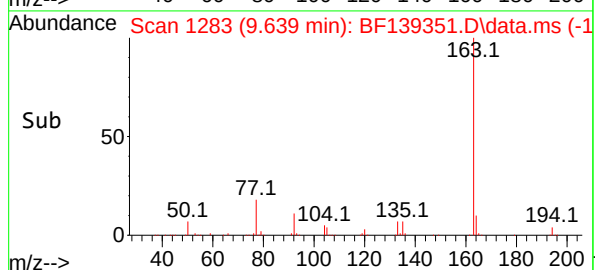
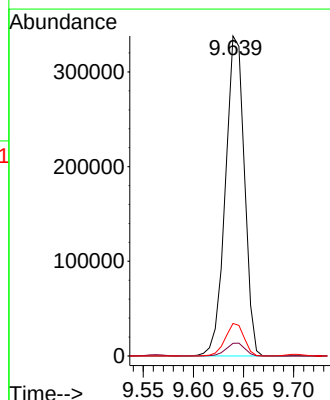
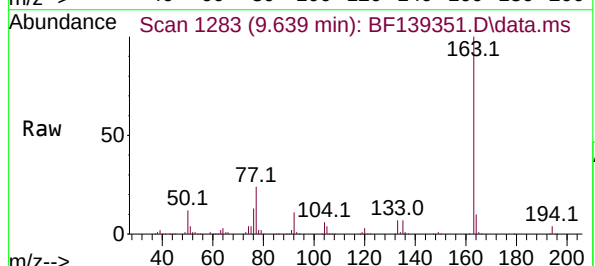
Tgt Ion:163 Resp: 444695

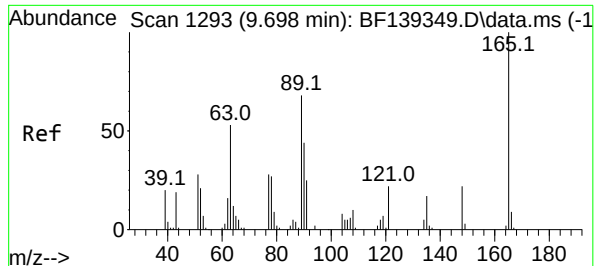
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

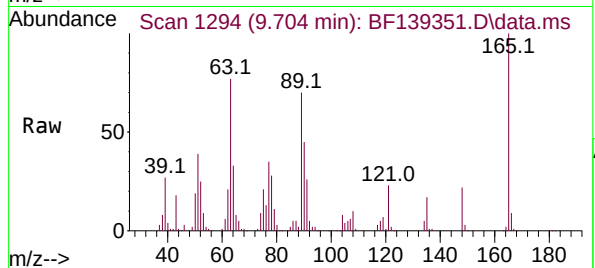
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 61.074 ng
RT: 9.704 min Scan# 1293
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

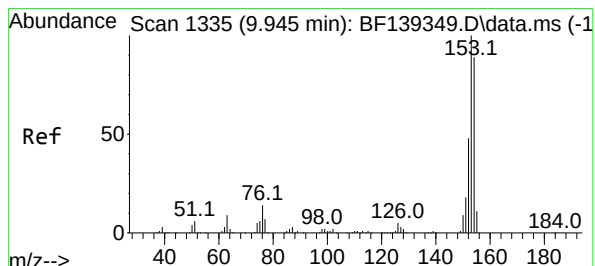
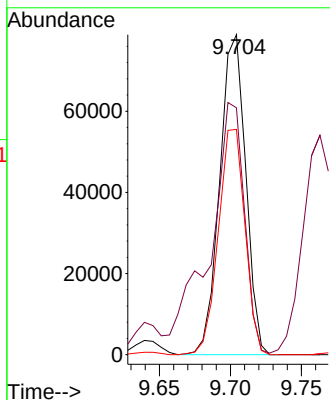
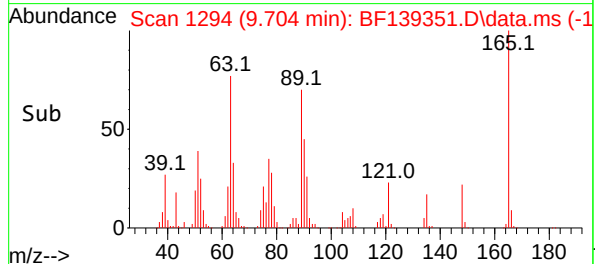
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:165 Resp: 100225
Ion Ratio Lower Upper
165 100
63 77.2 60.9 91.3
89 70.4 54.7 82.1

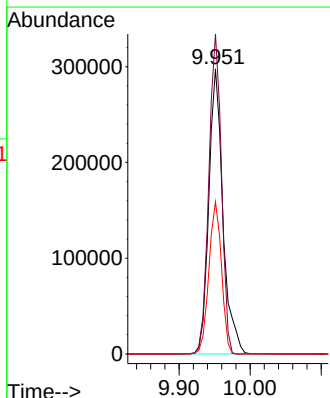
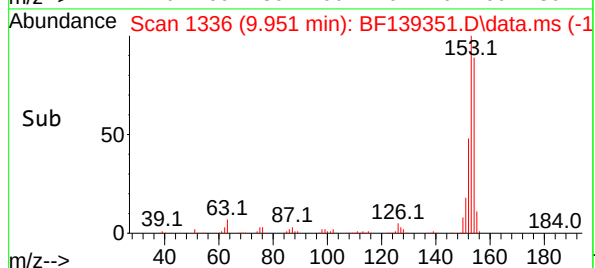
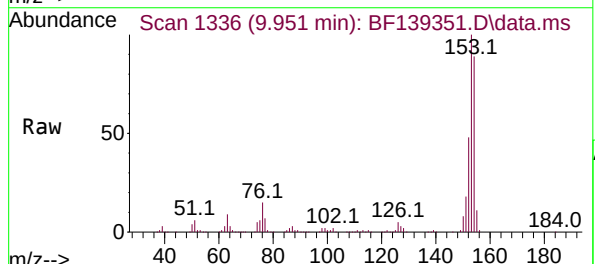
Manual Integrations
APPROVED

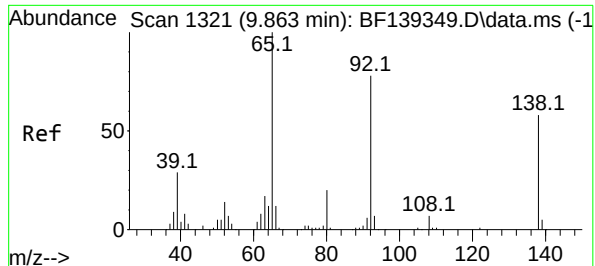
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#52
Acenaphthene
Concen: 60.286 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

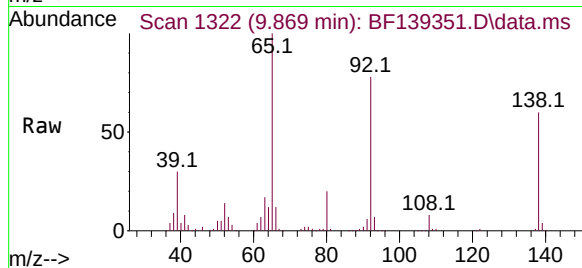
Tgt Ion:154 Resp: 411189
Ion Ratio Lower Upper
154 100
153 112.2 89.5 134.3
152 53.4 42.6 64.0





#53
3-Nitroaniline
Concen: 61.832 ng
RT: 9.869 min Scan# 1321
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

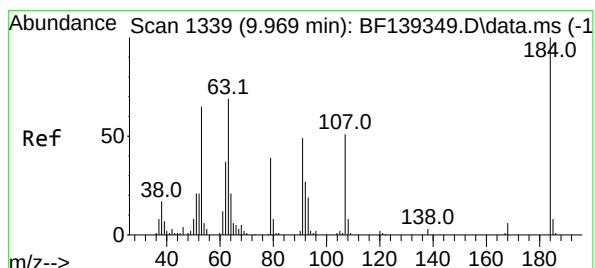
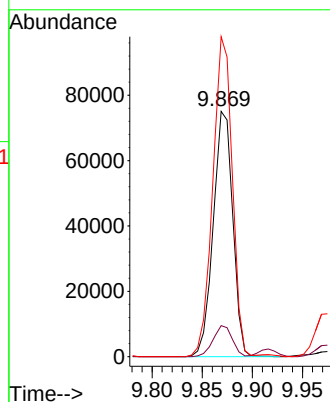
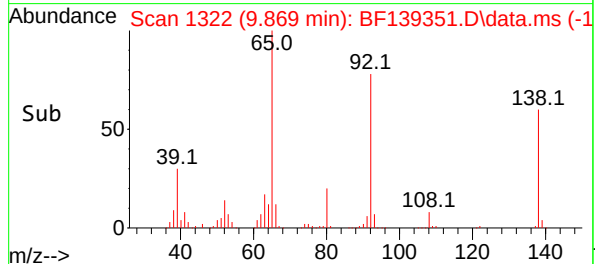
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:138 Resp: 101400
Ion Ratio Lower Upper
138 100
108 12.6 9.8 14.8
92 130.4 107.4 161.2

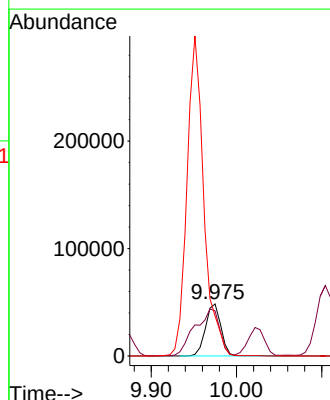
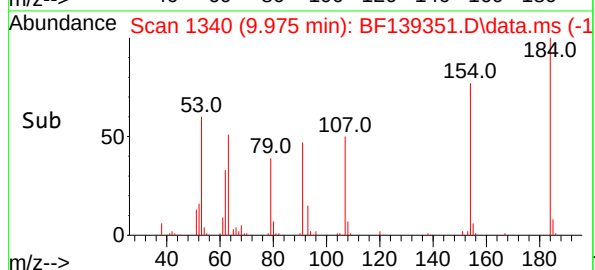
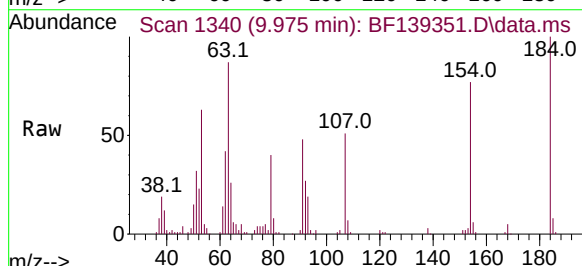
Manual Integrations
APPROVED

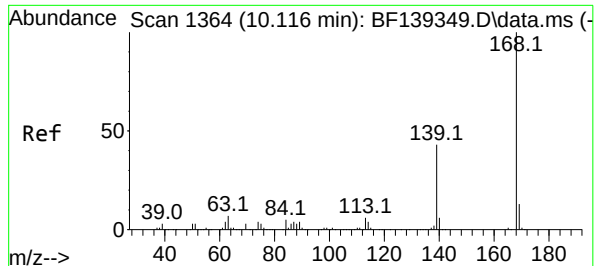
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#54
2,4-Dinitrophenol
Concen: 71.035 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

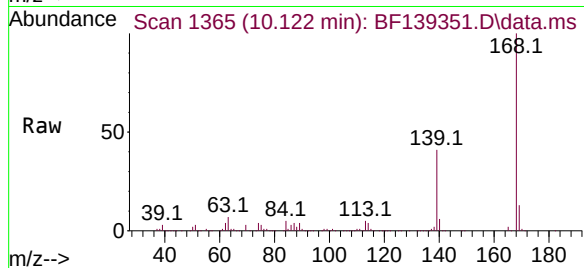
Tgt Ion:184 Resp: 61109
Ion Ratio Lower Upper
184 100
63 86.8 69.3 103.9
154 77.1 67.5 101.3





#55
Dibenzenofuran
Concen: 59.962 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

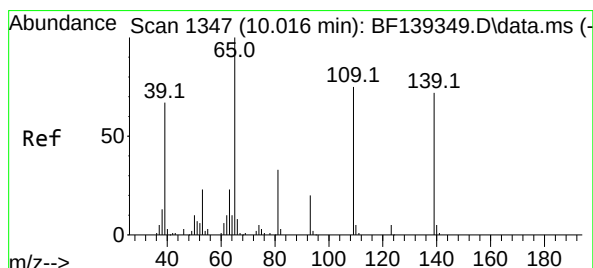
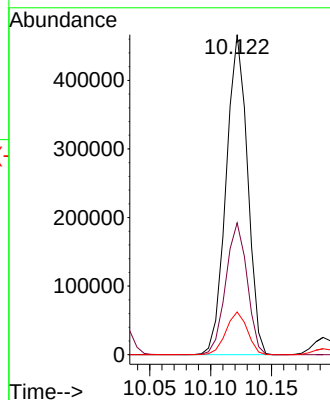
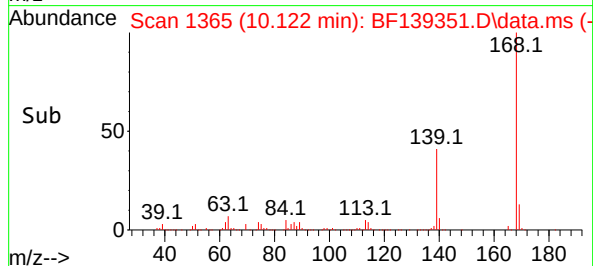
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:168 Resp: 57003
Ion Ratio Lower Upper
168 100
139 41.2 34.1 51.1
169 13.3 10.5 15.7

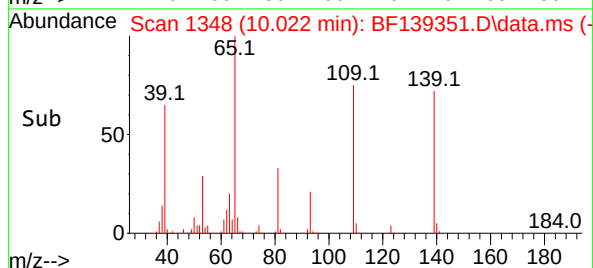
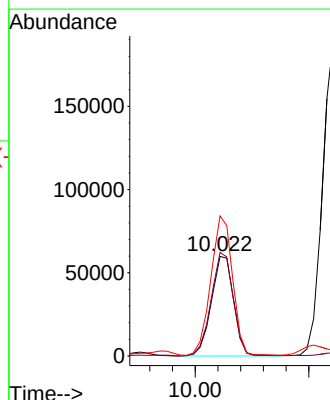
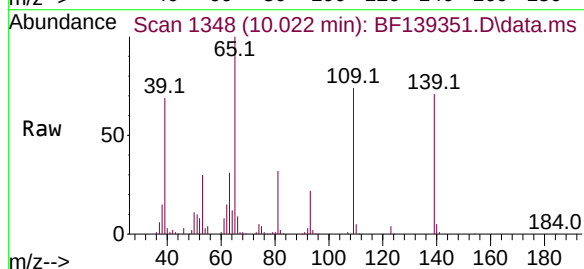
Manual Integrations
APPROVED

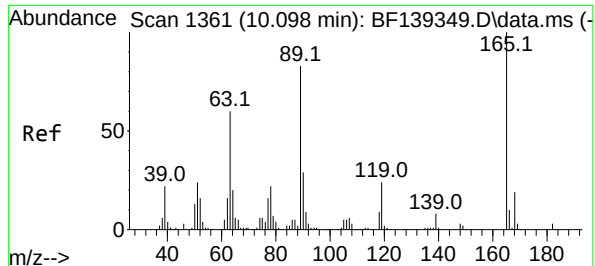
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#56
4-Nitrophenol
Concen: 59.961 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

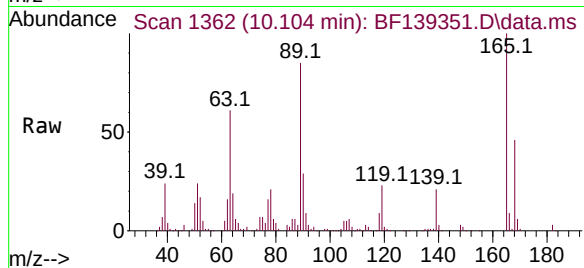
Tgt Ion:139 Resp: 81369
Ion Ratio Lower Upper
139 100
109 103.9 84.1 124.1
65 140.6 120.0 160.0





#57
2,4-Dinitrotoluene
Concen: 61.996 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

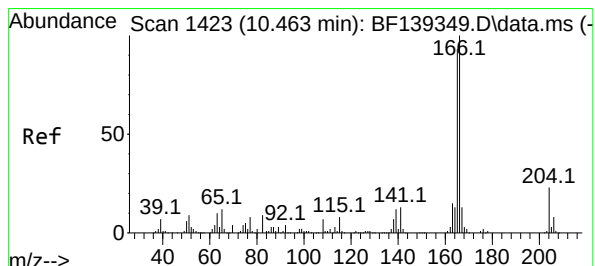
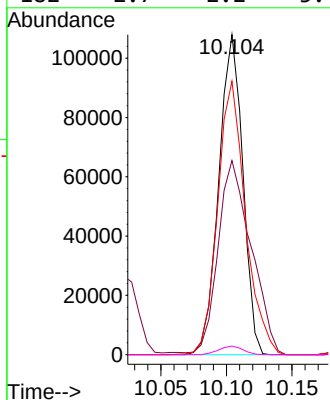
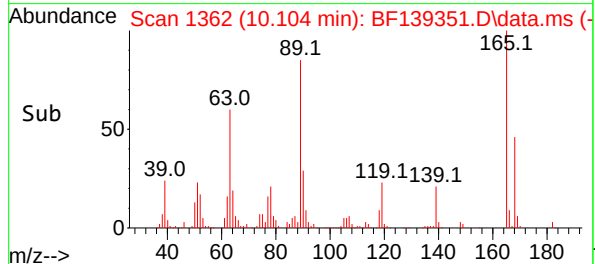
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:165 Resp: 137354
Ion Ratio Lower Upper
165 100
63 60.7 47.8 71.6
89 85.5 66.7 100.1
182 2.7 2.2 3.4

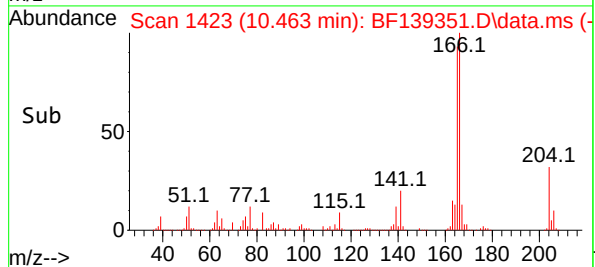
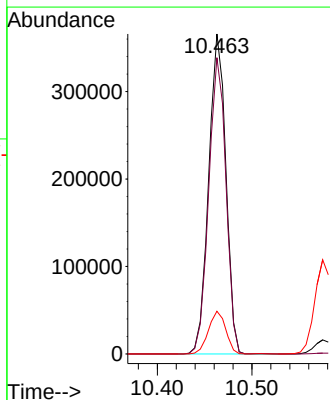
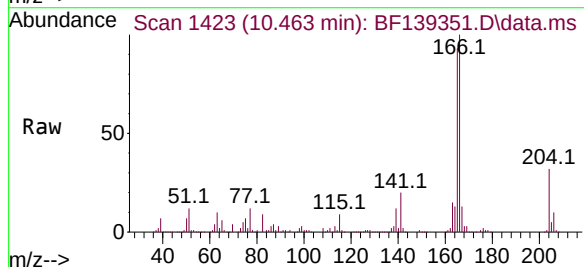
Manual Integrations
APPROVED

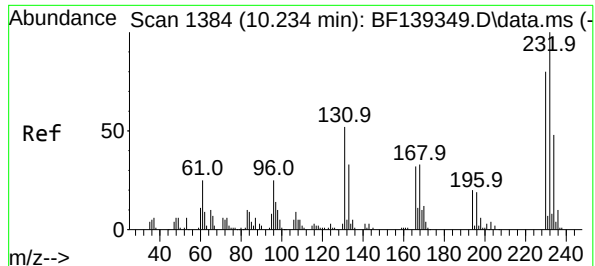
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#58
Fluorene
Concen: 59.385 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

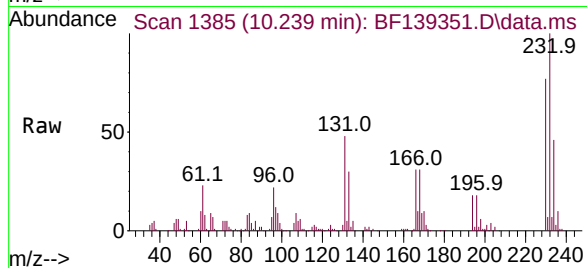
Tgt Ion:166 Resp: 460625
Ion Ratio Lower Upper
166 100
165 92.6 74.5 111.7
167 13.4 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 59.907 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

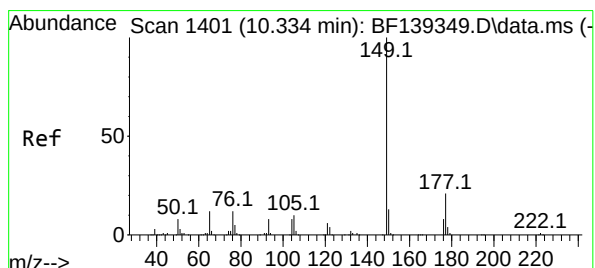
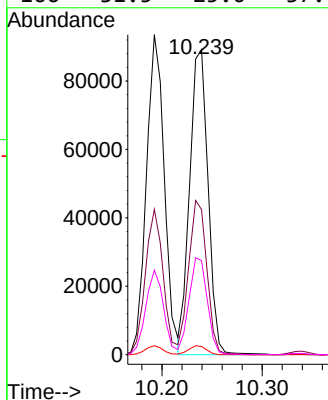
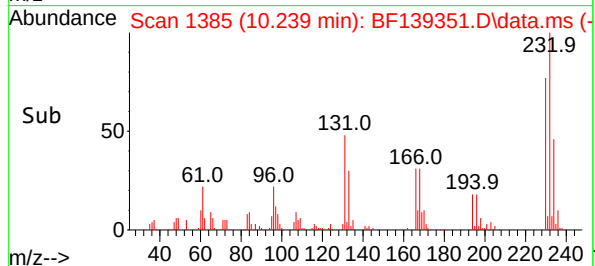
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:232 Resp: 113758
Ion Ratio Lower Upper
232 100
131 49.8 40.7 61.1
130 2.8 2.2 3.2
166 31.5 25.0 37.6

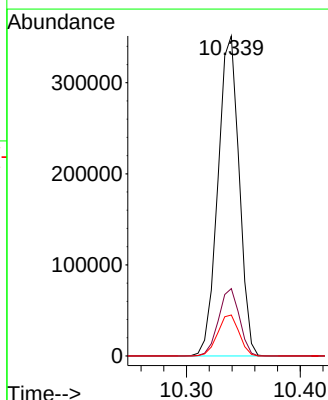
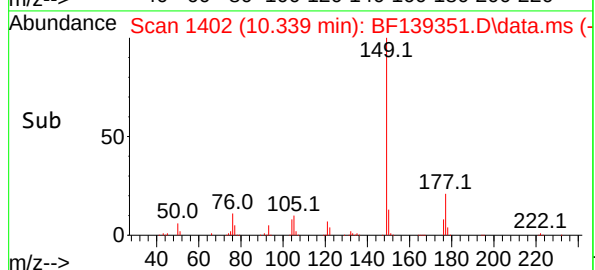
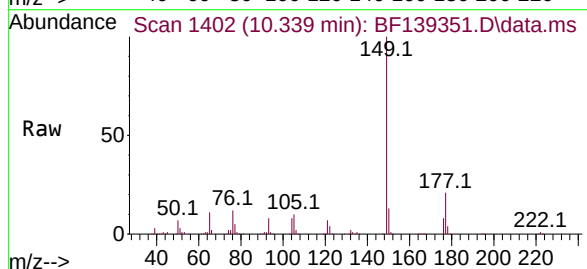
Manual Integrations
APPROVED

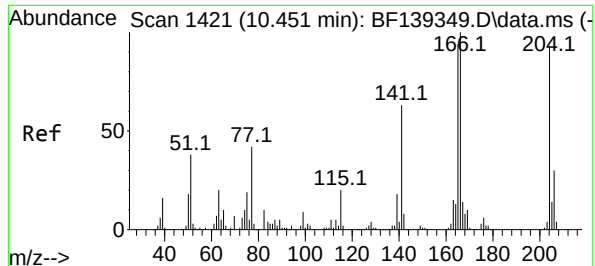
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#60
Diethylphthalate
Concen: 59.624 ng
RT: 10.339 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

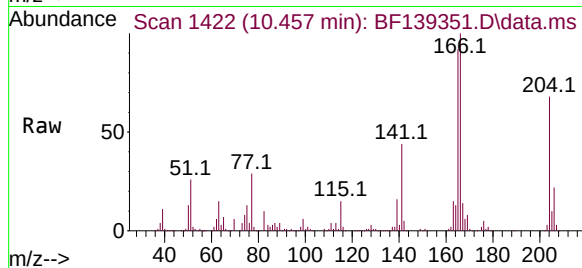
Tgt Ion:149 Resp: 455793
Ion Ratio Lower Upper
149 100
177 21.1 16.6 24.8
150 12.8 10.6 15.8





#61
4-Chlorophenyl-phenylether
Concen: 59.721 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

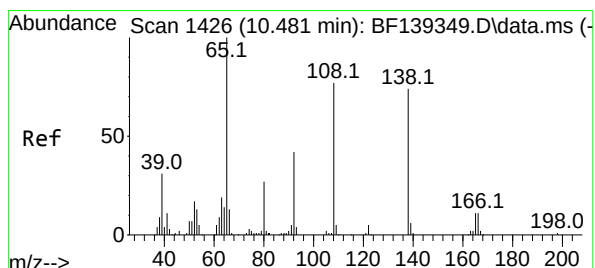
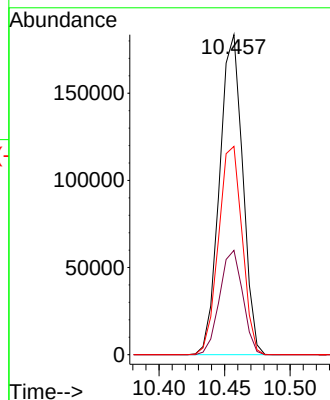
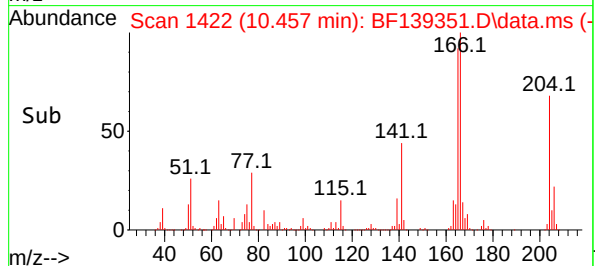
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:204 Resp: 225124
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 65.1 53.9 80.9

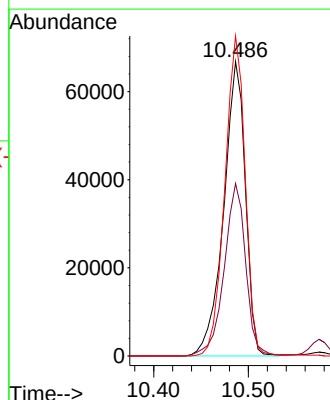
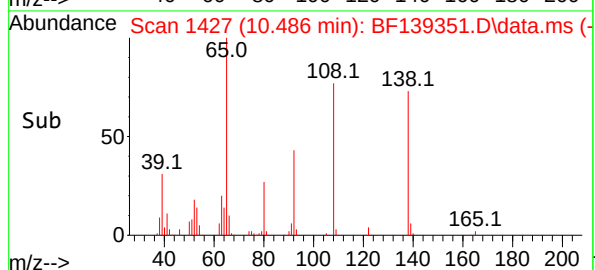
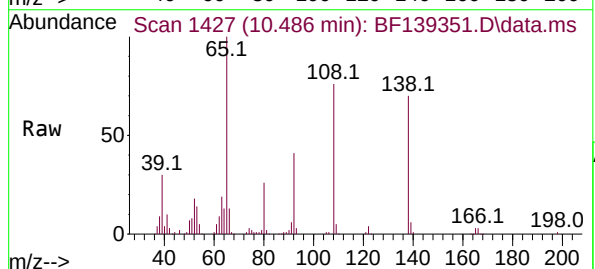
Manual Integrations
APPROVED

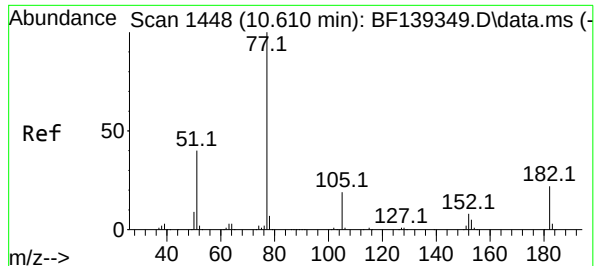
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#62
4-Nitroaniline
Concen: 59.413 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

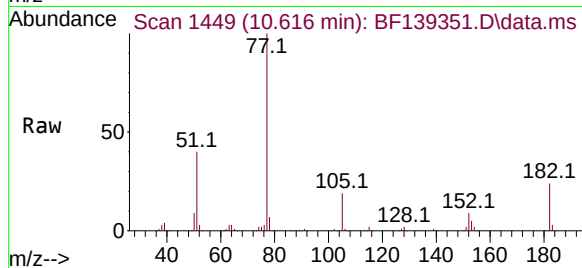
Tgt Ion:138 Resp: 106344
Ion Ratio Lower Upper
138 100
92 58.6 37.0 77.0
108 108.7 84.4 124.4





#63
Azobenzene
Concen: 59.162 ng
RT: 10.616 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

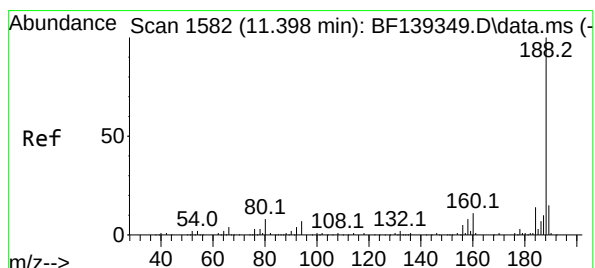
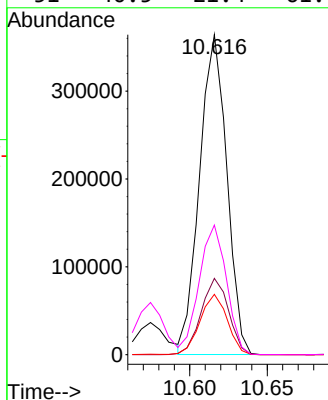
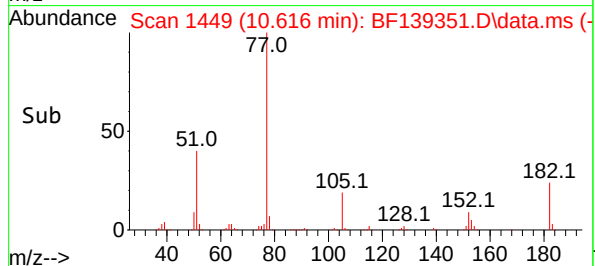
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion: 77 Resp: 444825
Ion Ratio Lower Upper
77 100
182 23.9 1.8 41.8
105 18.8 0.0 38.6
51 40.5 21.4 61.4

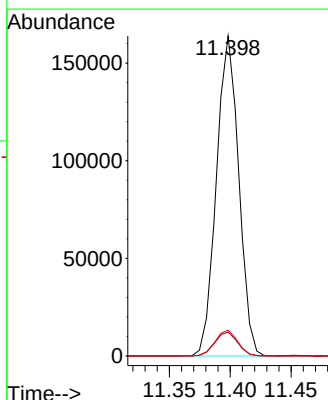
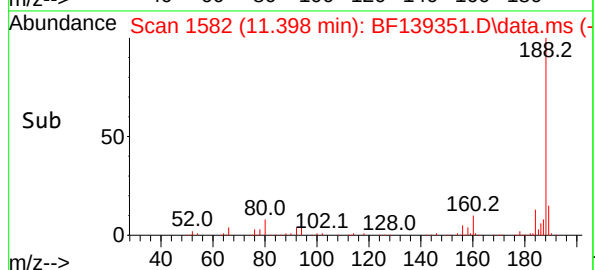
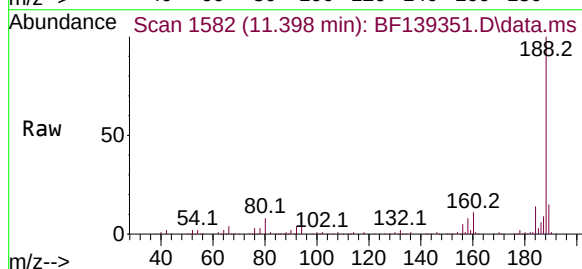
Manual Integrations
APPROVED

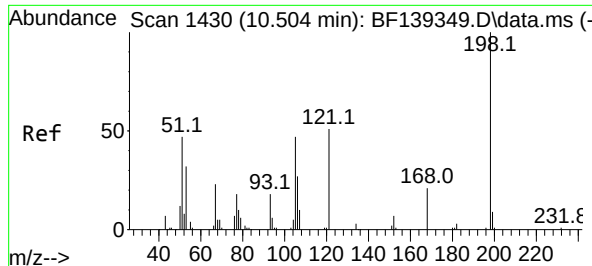
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

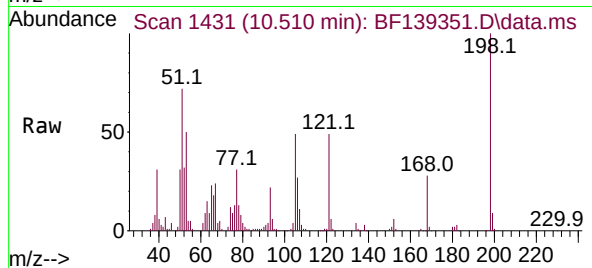
Tgt Ion:188 Resp: 209240
Ion Ratio Lower Upper
188 100
94 7.4 5.5 8.3
80 8.1 6.6 9.8





#65
4,6-Dinitro-2-methylphenol
Concen: 67.785 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

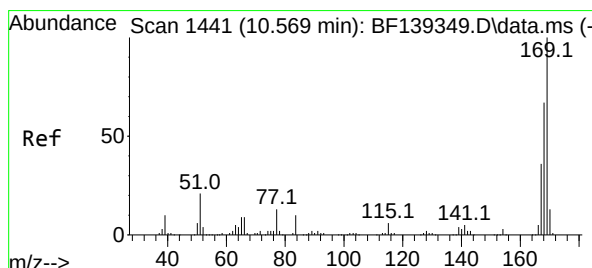
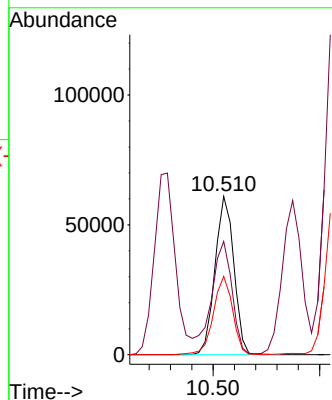
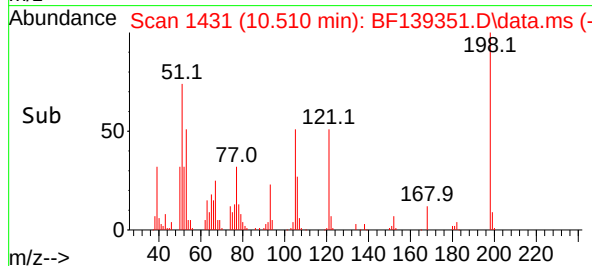
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



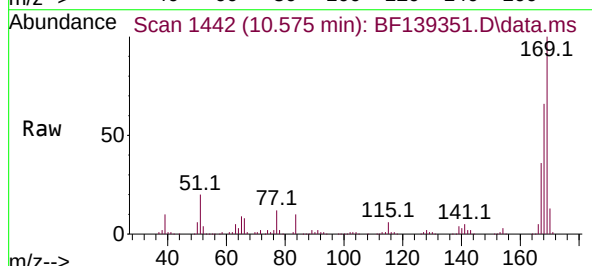
Tgt Ion:198 Resp: 7485
Ion Ratio Lower Upper
198 100
51 71.6 50.4 90.4
105 49.4 28.3 68.3

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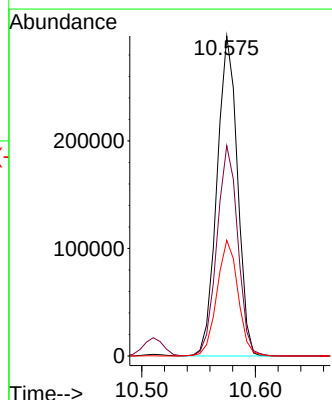
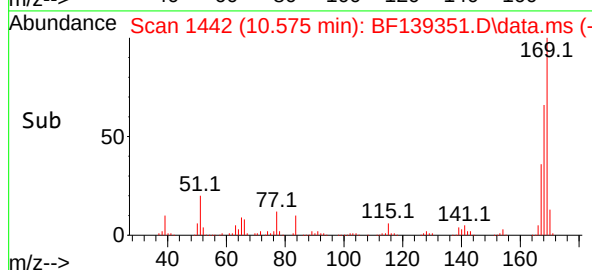
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

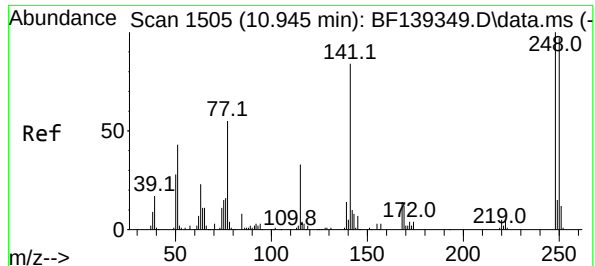


#66
n-Nitrosodiphenylamine
Concen: 60.933 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48



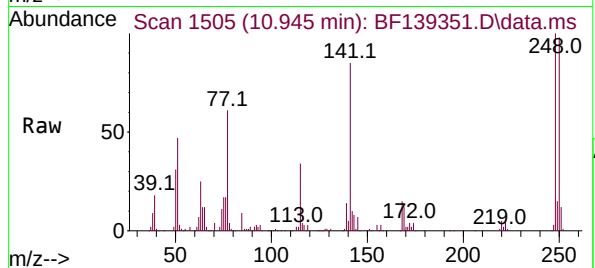
Tgt Ion:169 Resp: 372758
Ion Ratio Lower Upper
169 100
168 65.7 53.6 80.4
167 36.2 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 62.319 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

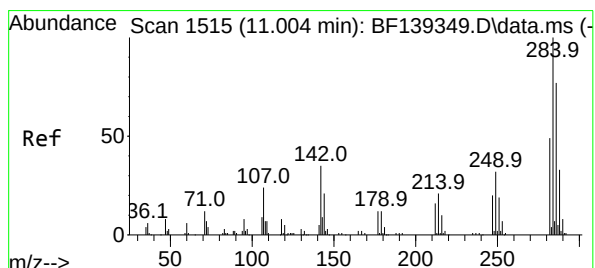
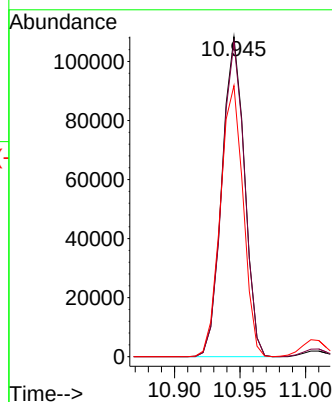
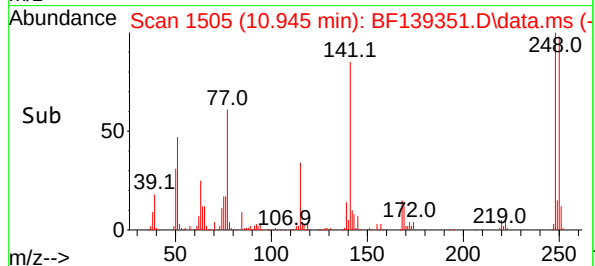
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:248 Resp: 129218
Ion Ratio Lower Upper
248 100
250 98.2 77.6 116.4
141 84.7 66.9 100.3

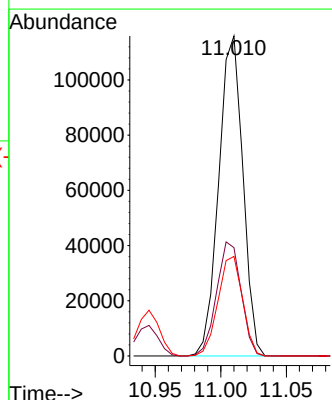
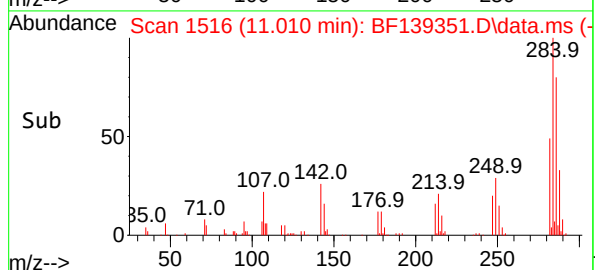
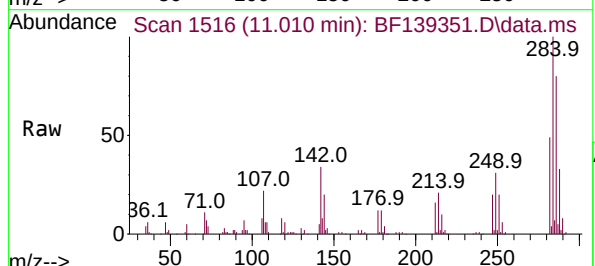
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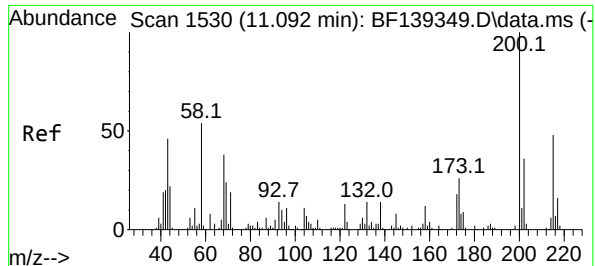
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#68
Hexachlorobenzene
Concen: 60.920 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

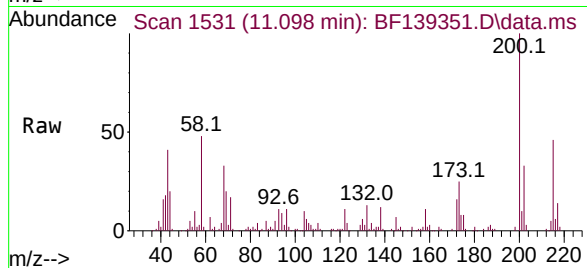
Tgt Ion:284 Resp: 148250
Ion Ratio Lower Upper
284 100
142 33.9 28.0 42.0
249 31.1 25.3 37.9





#69
Atrazine
Concen: 49.261 ng
RT: 11.098 min Scan# 1530
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

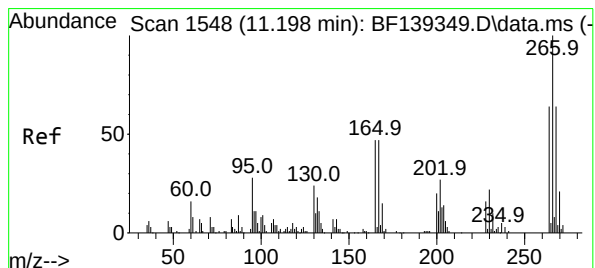
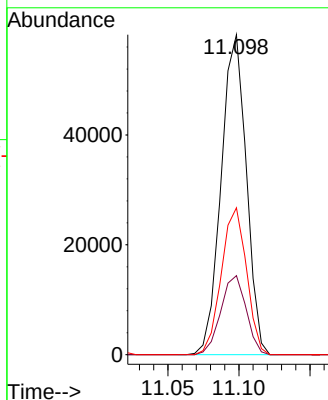
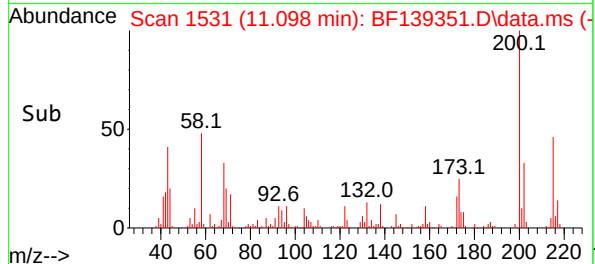
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



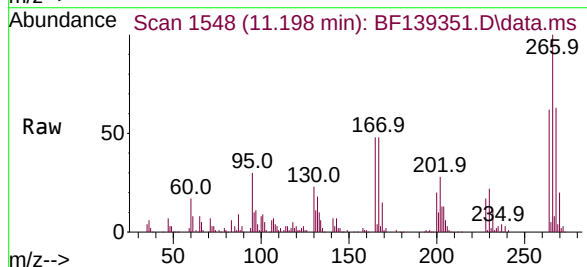
Tgt Ion:200 Resp: 7174
Ion Ratio Lower Upper
200 100
173 24.7 6.1 46.1
215 45.9 28.2 68.2

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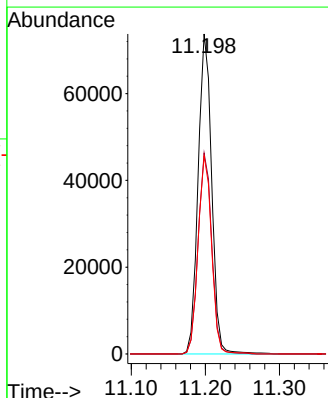
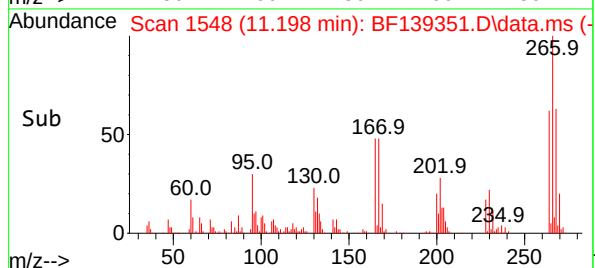
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

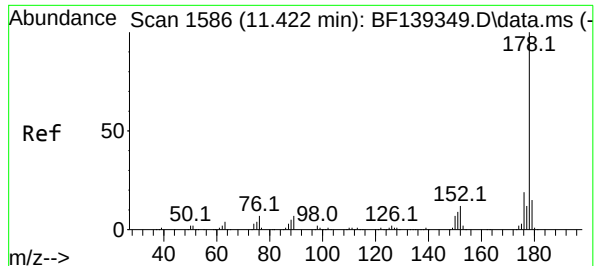


#70
Pentachlorophenol
Concen: 64.069 ng
RT: 11.198 min Scan# 1548
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48



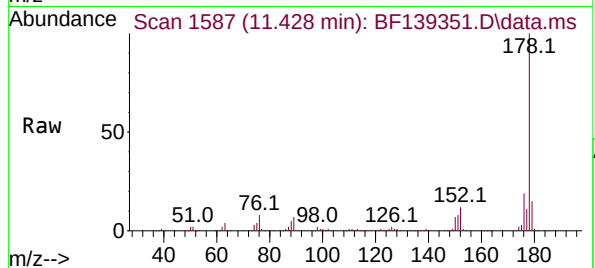
Tgt Ion:266 Resp: 93555
Ion Ratio Lower Upper
266 100
268 62.7 51.1 76.7
264 61.9 51.4 77.0





#71
Phenanthrene
Concen: 60.271 ng
RT: 11.428 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

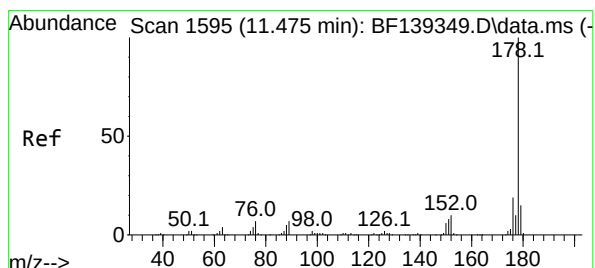
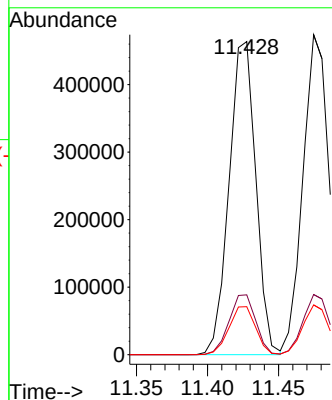
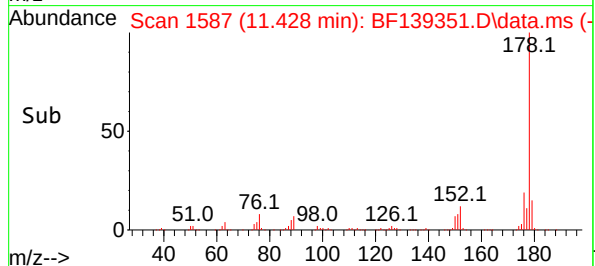
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:178 Resp: 608434
Ion Ratio Lower Upper
178 100
176 19.1 15.2 22.8
179 15.3 12.2 18.4

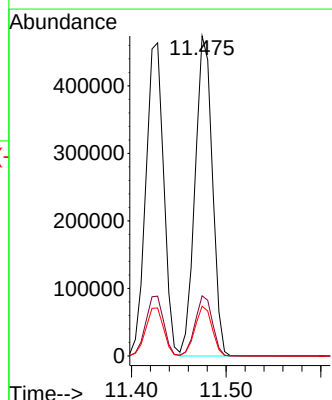
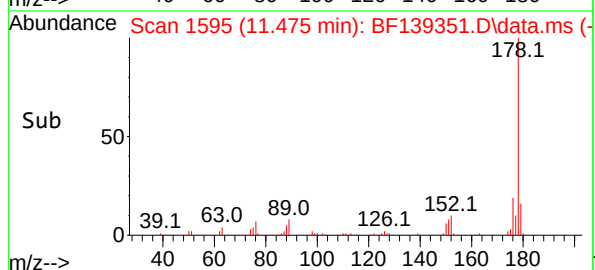
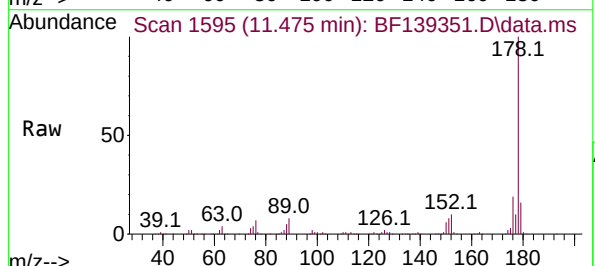
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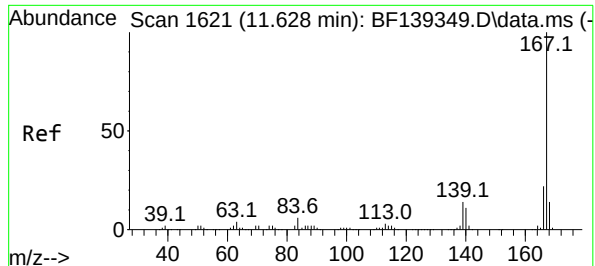
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#72
Anthracene
Concen: 60.867 ng
RT: 11.475 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

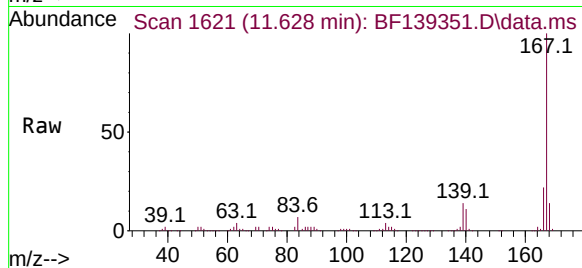
Tgt Ion:178 Resp: 600764
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.6 12.0 18.0





#73
Carbazole
Concen: 58.756 ng
RT: 11.628 min Scan# 1621
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

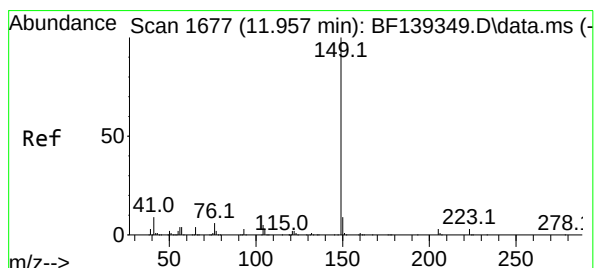
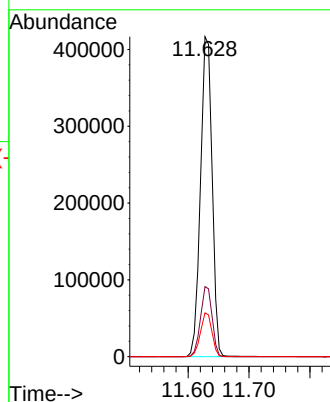
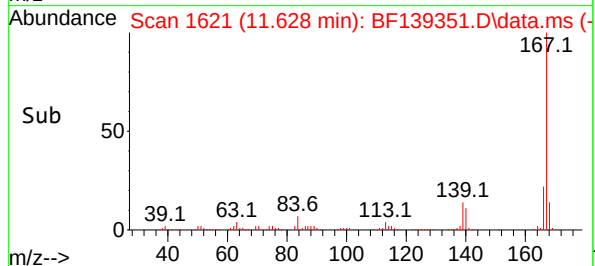
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



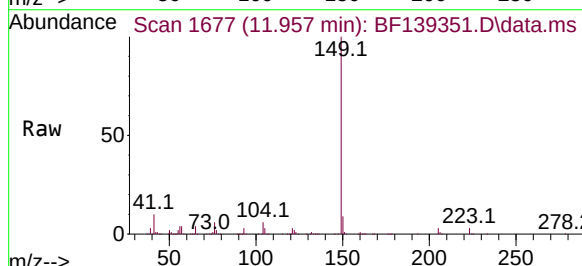
Tgt Ion:167 Resp: 555040
Ion Ratio Lower Upper
167 100
166 21.9 17.5 26.3
139 13.7 10.9 16.3

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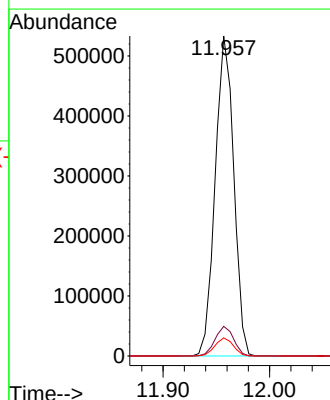
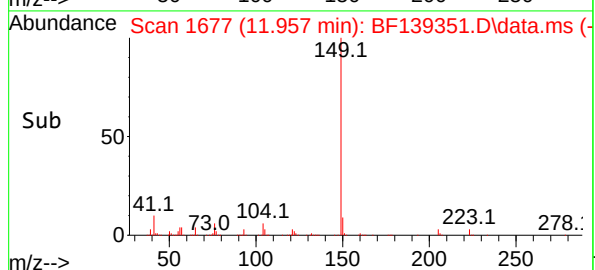
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

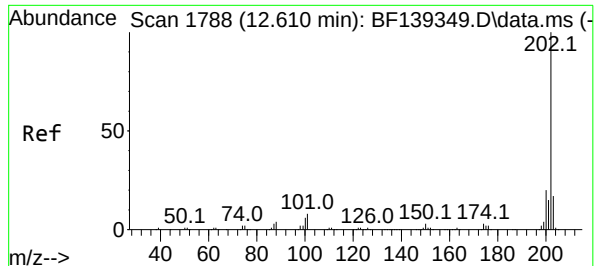


#74
Di-n-butylphthalate
Concen: 61.112 ng
RT: 11.957 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48



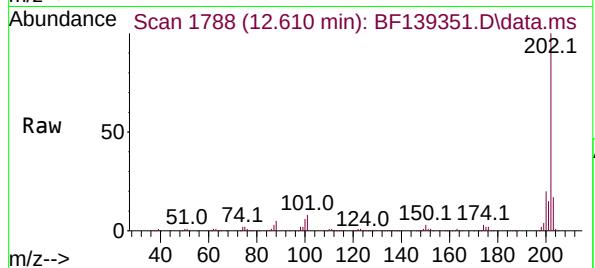
Tgt Ion:149 Resp: 643092
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 5.6 4.3 6.5





#75
Fluoranthene
Concen: 55.904 ng
RT: 12.610 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

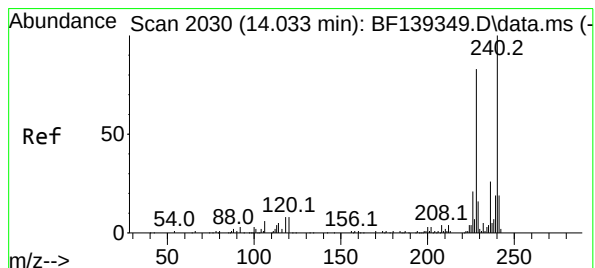
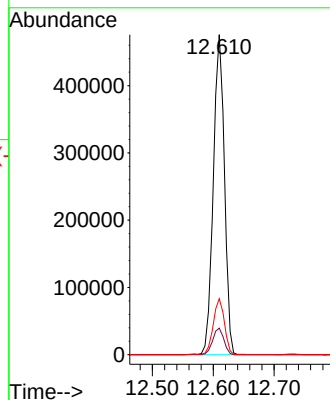
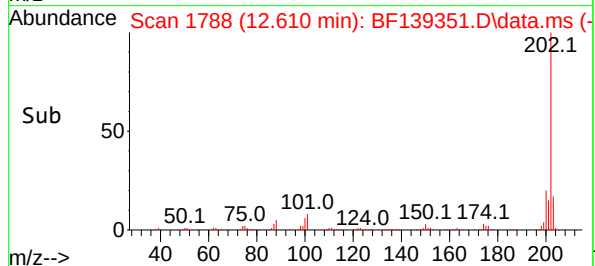
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:202 Resp: 602672
Ion Ratio Lower Upper
202 100
101 8.3 0.0 27.7
203 17.5 0.0 37.4

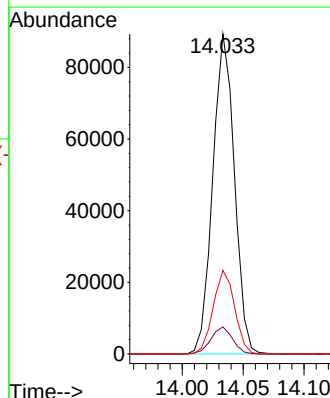
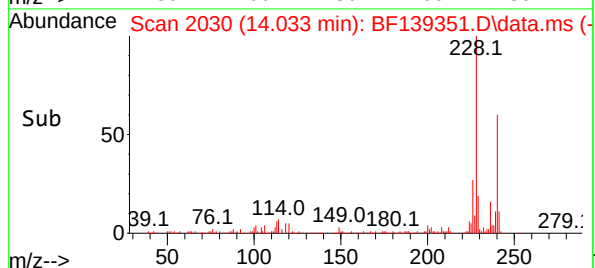
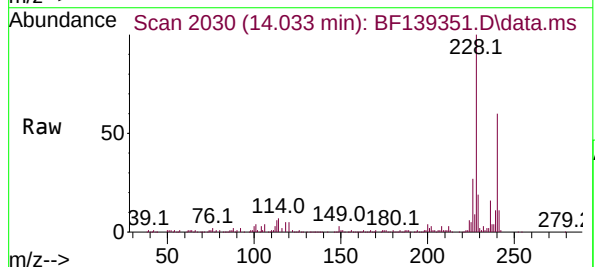
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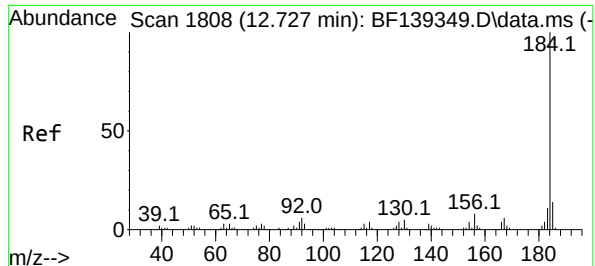
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

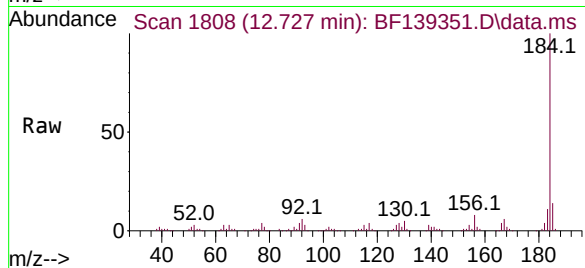
Tgt Ion:240 Resp: 110333
Ion Ratio Lower Upper
240 100
120 8.4 6.2 9.2
236 26.1 20.9 31.3





#77
Benzidine
Concen: 83.882 ng
RT: 12.727 min Scan# 1808
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

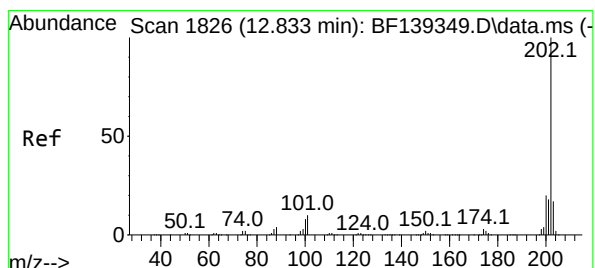
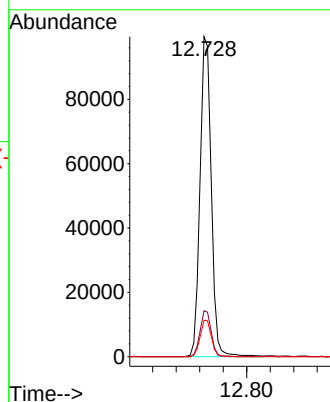
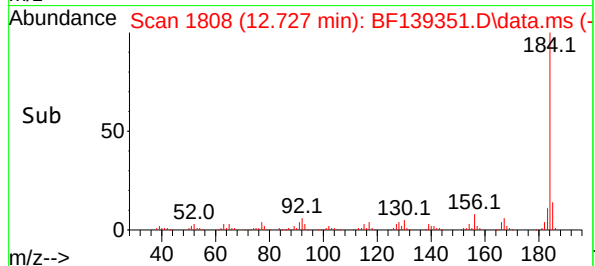
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:184 Resp: 132597
Ion Ratio Lower Upper
184 100
185 14.3 11.5 17.3
183 11.4 8.9 13.3

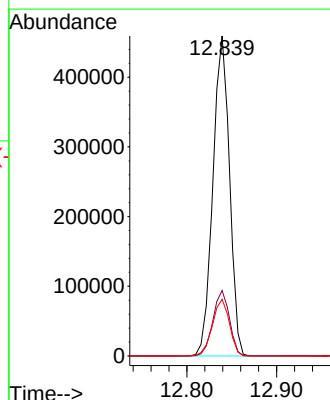
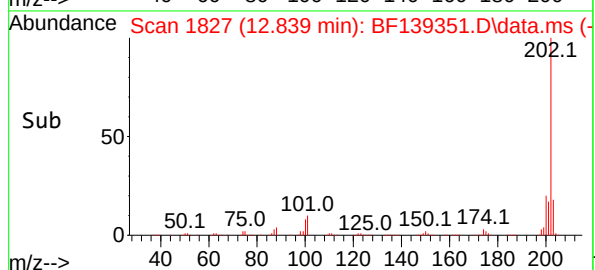
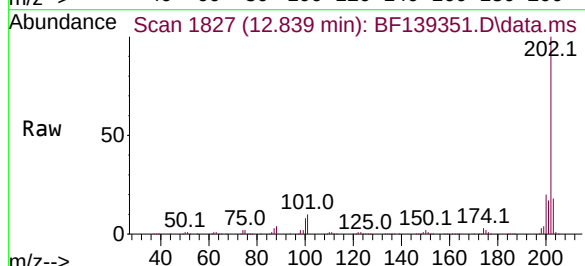
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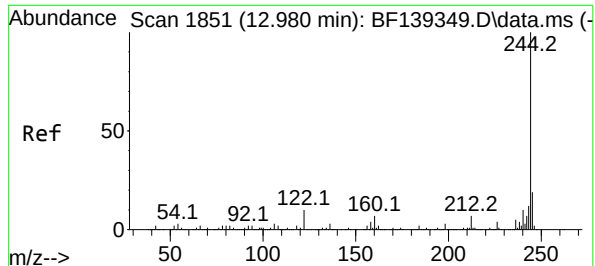
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#78
Pyrene
Concen: 62.235 ng
RT: 12.839 min Scan# 1827
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

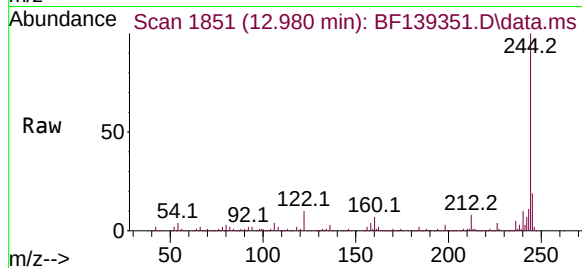
Tgt Ion:202 Resp: 589589
Ion Ratio Lower Upper
202 100
200 20.4 16.2 24.2
203 17.7 13.9 20.9





#79
Terphenyl-d14
Concen: 126.296 ng
RT: 12.980 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

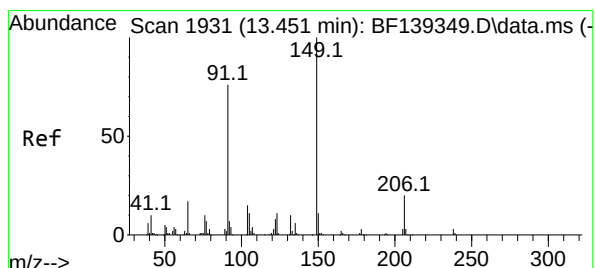
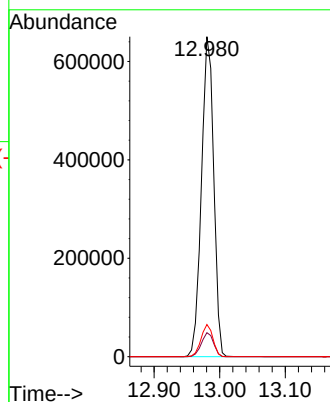
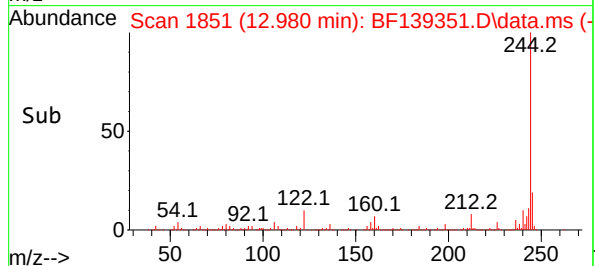
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:244 Resp: 848949
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 10.0 7.6 11.4

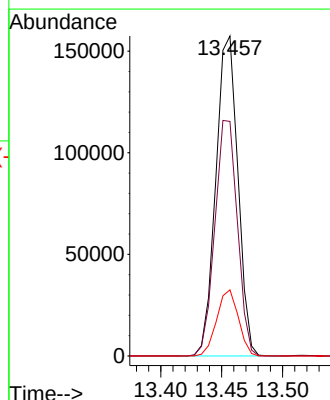
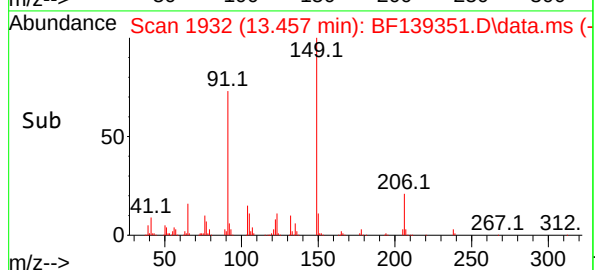
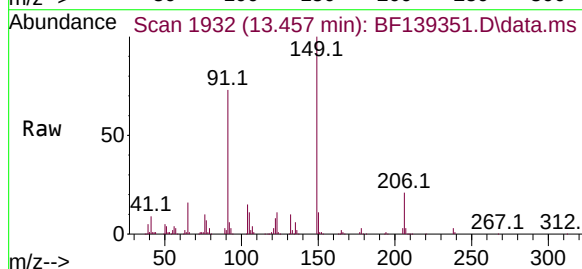
Manual Integrations
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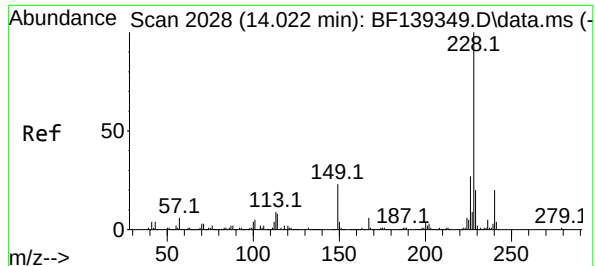
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#80
Butylbenzylphthalate
Concen: 61.694 ng
RT: 13.457 min Scan# 1932
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

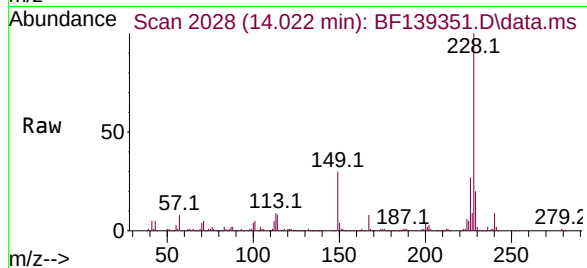
Tgt Ion:149 Resp: 198939
Ion Ratio Lower Upper
149 100
91 73.3 60.9 91.3
206 20.7 15.8 23.8





#81
Benzo(a)anthracene
Concen: 59.423 ng
RT: 14.022 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

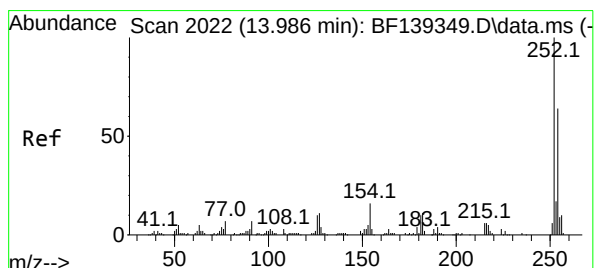
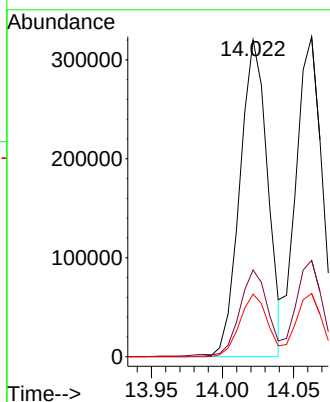
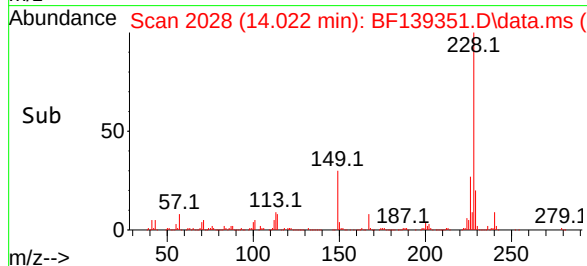
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:228 Resp: 43429
Ion Ratio Lower Upper
228 100
226 27.4 21.6 32.4
229 19.7 15.7 23.5

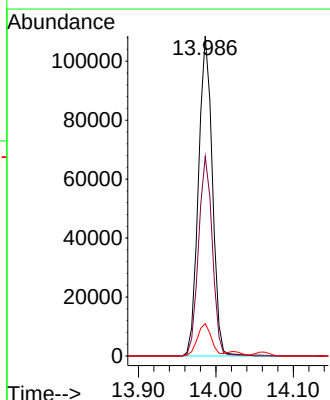
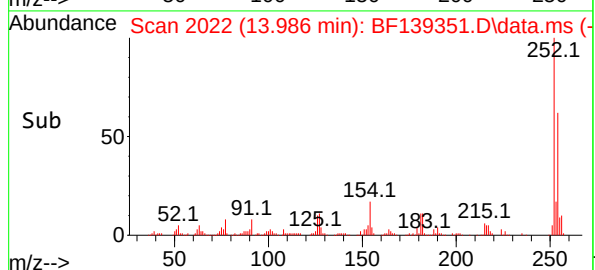
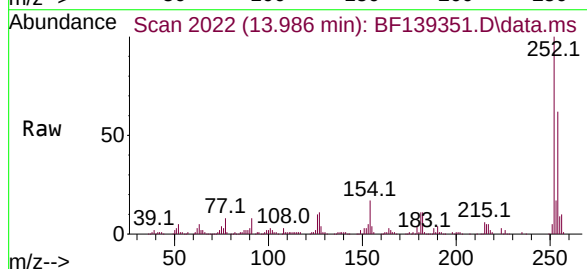
Manual Integrations
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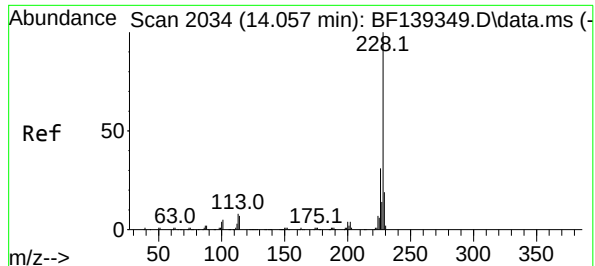
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#82
3,3'-Dichlorobenzidine
Concen: 63.146 ng
RT: 13.986 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

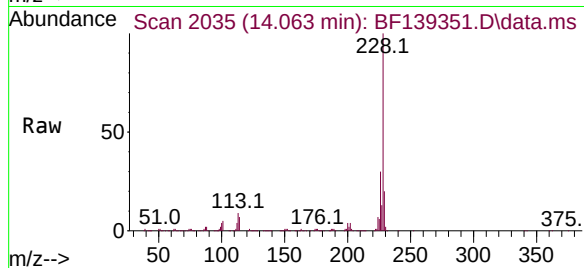
Tgt Ion:252 Resp: 135151
Ion Ratio Lower Upper
252 100
254 62.4 51.4 77.2
126 10.1 7.7 11.5





#83
Chrysene
Concen: 61.151 ng
RT: 14.063 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

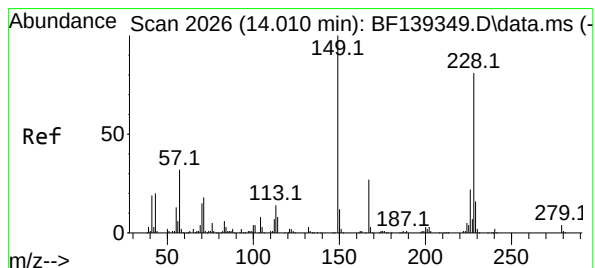
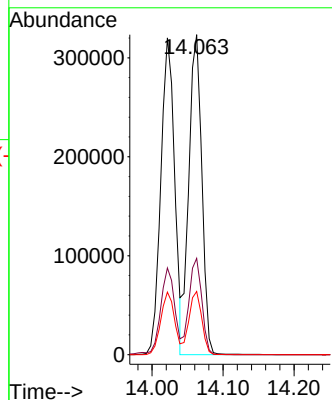
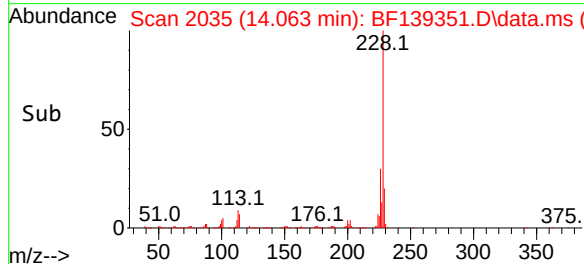
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:228 Resp: 411164
Ion Ratio Lower Upper
228 100
226 30.1 24.1 36.1
229 19.8 15.4 23.0

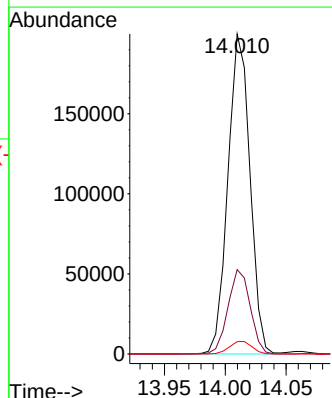
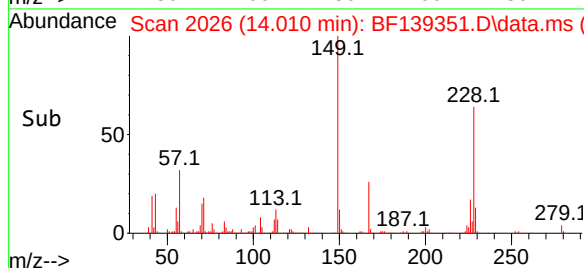
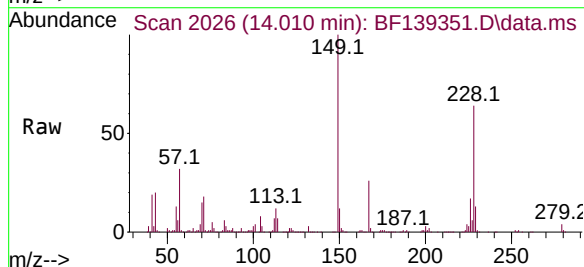
Manual Integrations
APPROVED

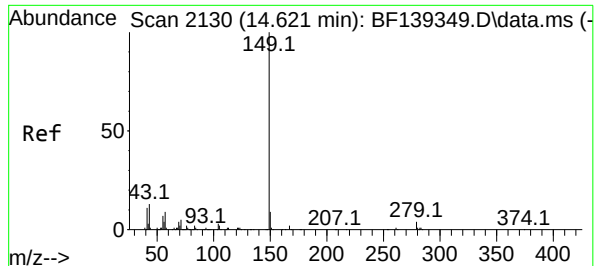
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 61.398 ng
RT: 14.010 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:149 Resp: 251863
Ion Ratio Lower Upper
149 100
167 26.4 21.6 32.4
279 3.9 3.3 4.9





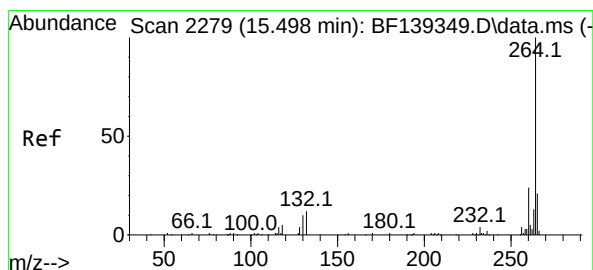
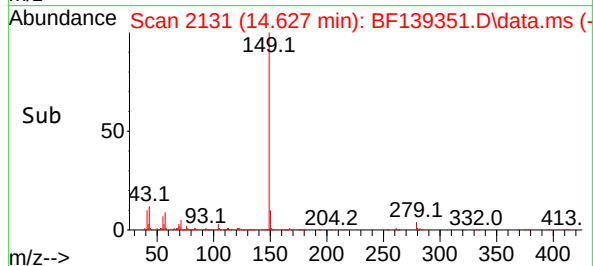
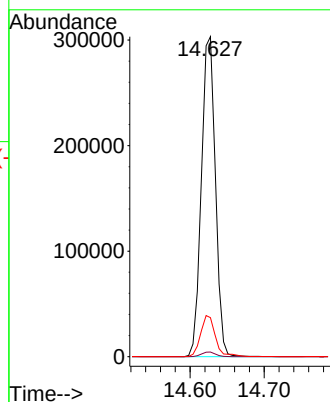
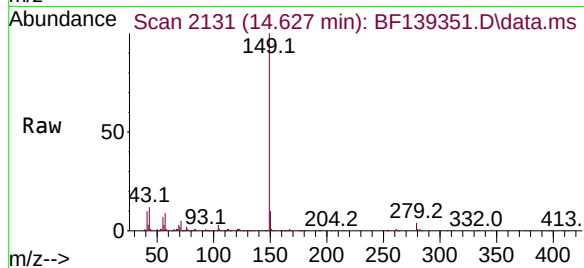
#85
Di-n-octyl phthalate
Concen: 65.952 ng
RT: 14.627 min Scan# 2130
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 39843
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 13.7 10.6 16.0

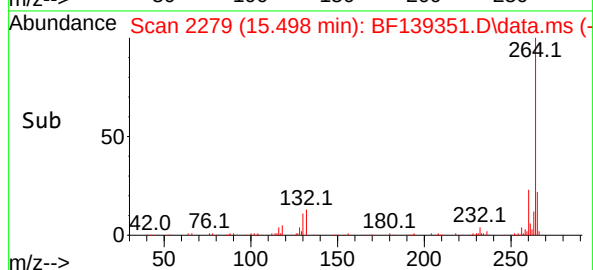
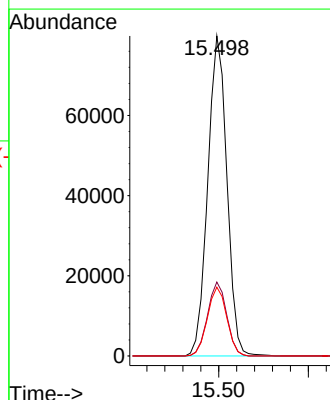
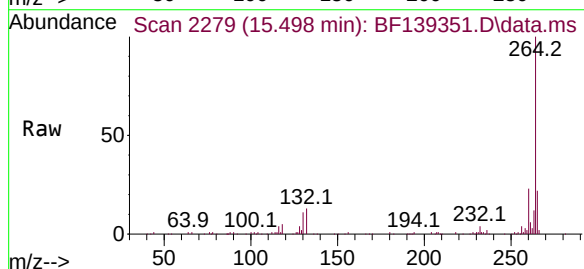
Manual Integrations
APPROVED

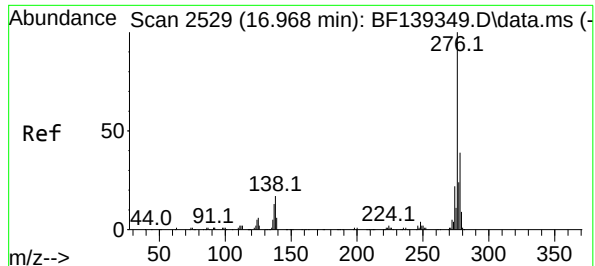
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:264 Resp: 118195
Ion Ratio Lower Upper
264 100
260 23.1 19.5 29.3
265 21.5 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 66.249 ng

RT: 16.980 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:276 Resp: 46561

Ion Ratio Lower Upper

276 100

138 19.9 15.4 23.2

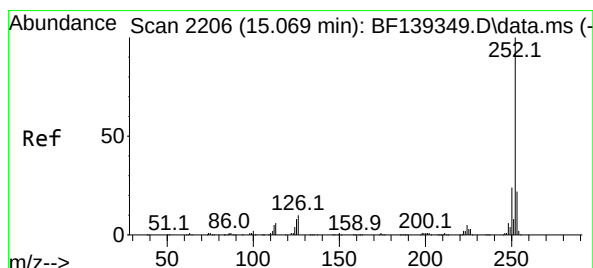
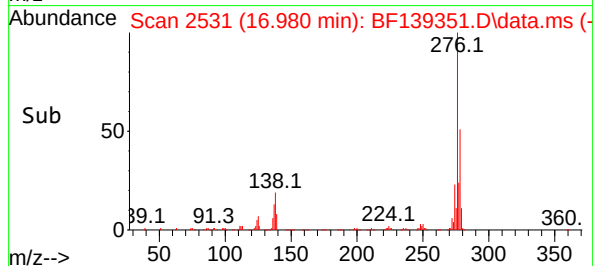
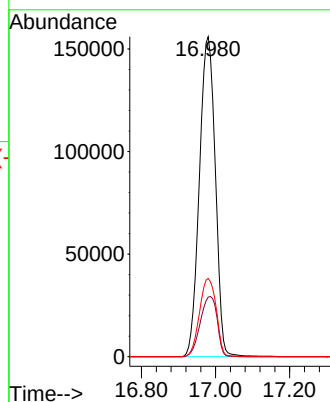
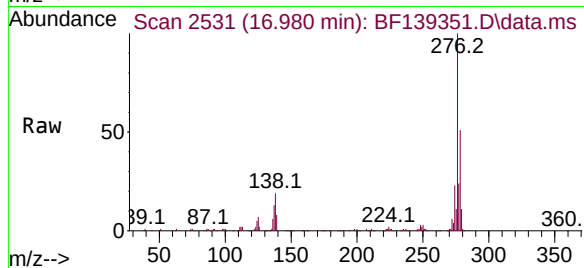
277 25.6 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#88

Benzo(b)fluoranthene

Concen: 59.133 ng

RT: 15.074 min Scan# 2207

Delta R.T. 0.006 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

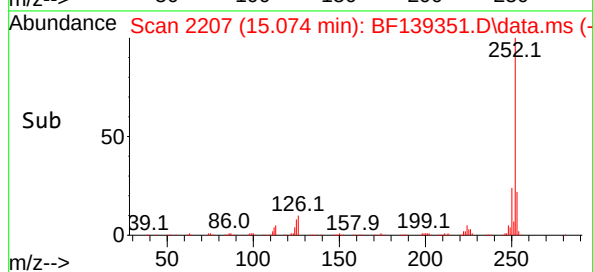
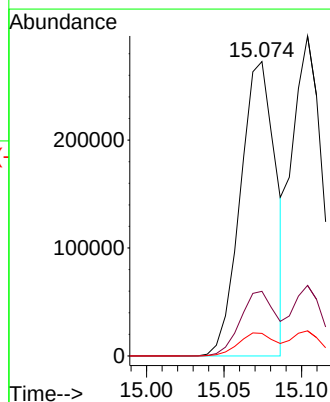
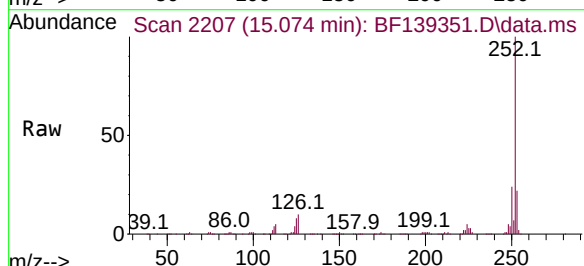
Tgt Ion:252 Resp: 431051

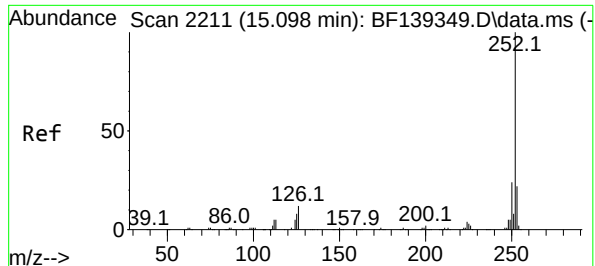
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 7.7 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 59.285 ng

RT: 15.104 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:252 Resp: 398460

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

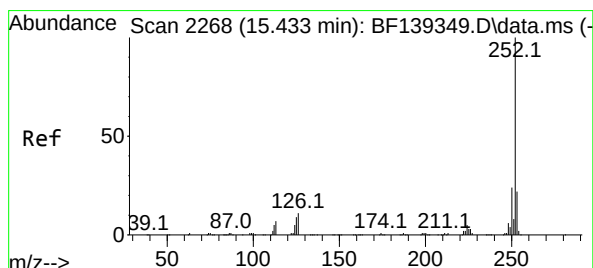
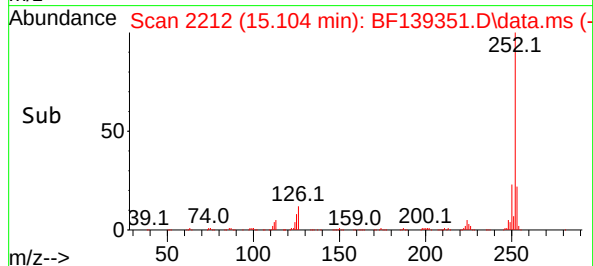
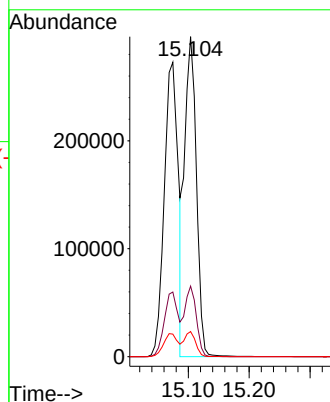
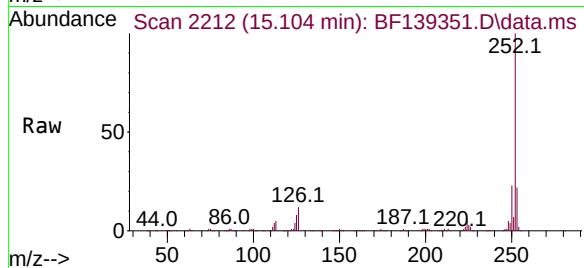
125 7.9 5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#90

Benzo(a)pyrene

Concen: 61.920 ng

RT: 15.439 min Scan# 2269

Delta R.T. 0.006 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

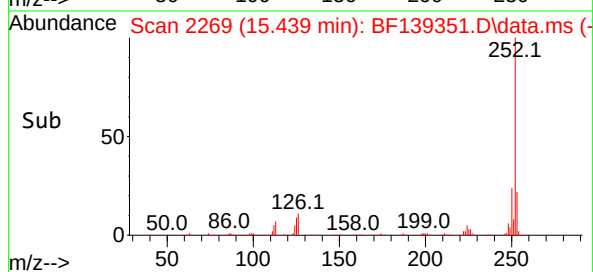
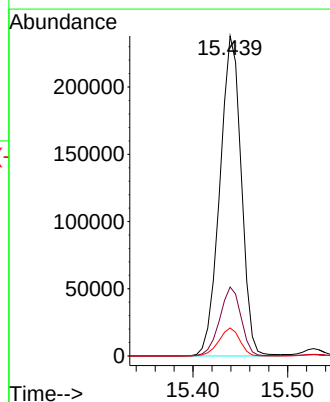
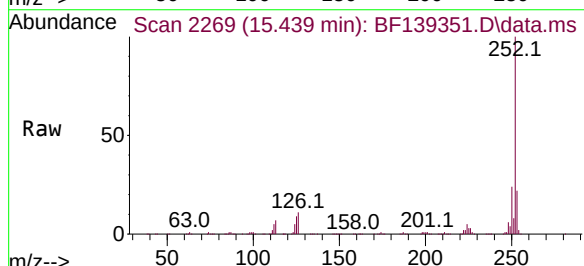
Tgt Ion:252 Resp: 374337

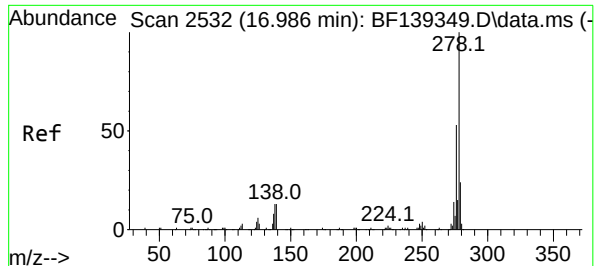
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 8.7 6.8 10.2





#91

Dibenzo(a,h)anthracene

Concen: 67.730 ng

RT: 16.998 min Scan# 2534

Delta R.T. 0.012 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:278 Resp: 393340

Ion Ratio Lower Upper

278 100

139 13.0 10.2 15.2

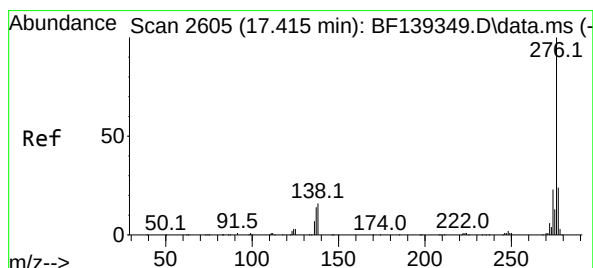
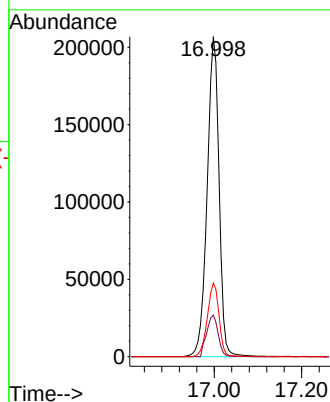
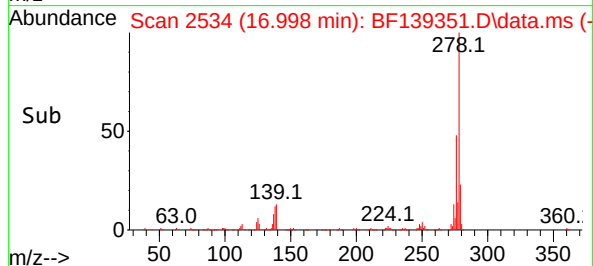
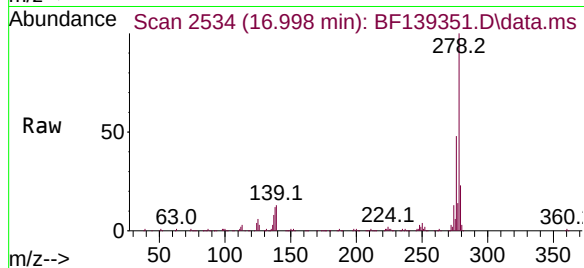
279 23.0 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#92

Benzo(g,h,i)perylene

Concen: 65.709 ng

RT: 17.427 min Scan# 2607

Delta R.T. 0.012 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

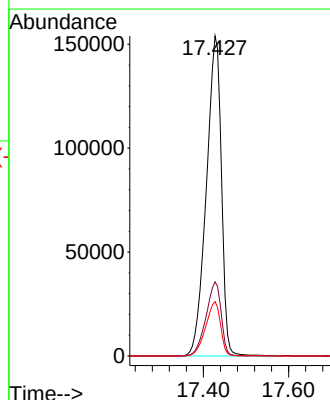
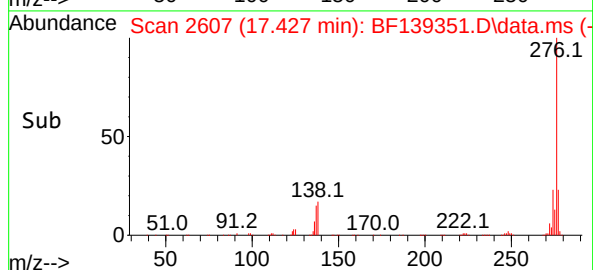
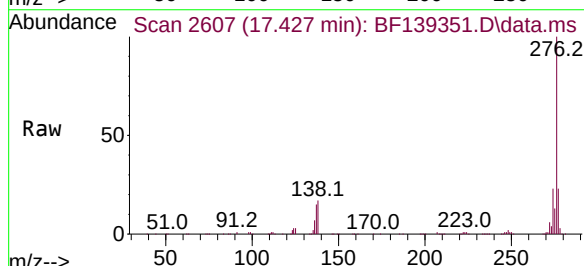
Tgt Ion:276 Resp: 377847

Ion Ratio Lower Upper

276 100

277 23.1 18.9 28.3

138 17.0 13.0 19.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
 Data File : BF139352.D
 Acq On : 13 Sep 2024 19:44
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024

Quant Time: Sep 14 02:51:51 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Sep 14 02:45:19 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	66119	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	232989	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	126997	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	229453	20.000	ng	0.00
76) Chrysene-d12	14.039	240	124546	20.000	ng	0.00
86) Perylene-d12	15.504	264	139312	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	633503	156.303	ng	0.00
7) Phenol-d6	6.522	99	822389	154.588	ng	0.02
23) Nitrobenzene-d5	7.457	82	798383	161.094	ng	0.01
42) 2,4,6-Tribromophenol	10.710	330	213033	157.565	ng	0.01
45) 2-Fluorobiphenyl	9.239	172	1406634	155.345	ng	0.00
79) Terphenyl-d14	12.986	244	1145648	150.985	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	121659	74.817	ng	98
3) Pyridine	3.416	79	267063	74.491	ng	100
4) n-Nitrosodimethylamine	3.404	42	243418	78.334	ng	98
8) 2-Chlorophenol	6.675	128	325178	77.941	ng	99
10) Phenol	6.539	94	411917	76.024	ng	97
11) bis(2-Chloroethyl)ether	6.628	93	451406m	109.614	ng	
12) 1,3-Dichlorobenzene	6.822	146	362380	76.374	ng	99
13) 1,4-Dichlorobenzene	6.898	146	370525	77.276	ng	99
14) 1,2-Dichlorobenzene	7.057	146	348175	76.848	ng	100
15) Benzyl Alcohol	7.028	79	326000	76.809	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	474109	74.703	ng	90
17) 2-Methylphenol	7.139	107	259635	78.327	ng	98
18) Hexachloroethane	7.392	117	141097	77.259	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	248365	78.784	ng	99
20) 3+4-Methylphenols	7.298	107	351953	77.825	ng	93
22) Acetophenone	7.298	105	479979	78.801	ng	# 98
24) Nitrobenzene	7.475	77	401035	78.622	ng	99
25) Isophorone	7.710	82	617892	78.833	ng	100
26) 2-Nitrophenol	7.781	139	168044	84.561	ng	100
27) 2,4-Dimethylphenol	7.822	122	206020	78.593	ng	97
28) bis(2-Chloroethoxy)met...	7.916	93	355128	79.499	ng	98
29) 2,4-Dichlorophenol	8.028	162	264087	79.303	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	303204	78.143	ng	99
31) Naphthalene	8.186	128	963320	79.198	ng	99
32) Benzoic acid	7.981	122	215219m	87.390	ng	
33) 4-Chloroaniline	8.257	127	272843	73.324	ng	100
34) Hexachlorobutadiene	8.298	225	202793	76.928	ng	100
35) Caprolactam	8.639	113	81832	79.884	ng	98
36) 4-Chloro-3-methylphenol	8.722	107	305192	80.190	ng	99
37) 2-Methylnaphthalene	8.880	142	606883	78.607	ng	100
38) 1-Methylnaphthalene	8.975	142	599493	79.092	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	298724	79.368	ng	99
41) Hexachlorocyclopentadiene	9.027	237	95184	72.430	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	195054	79.656	ng	99
44) 2,4,5-Trichlorophenol	9.198	196	208100	80.566	ng	98
46) 1,1'-Biphenyl	9.345	154	766437	78.446	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
 Data File : BF139352.D
 Acq On : 13 Sep 2024 19:44
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/16/2024
 Supervised By :mohammad ahmed 09/16/2024

Quant Time: Sep 14 02:51:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:45:19 2024
 Response via : Initial Calibration

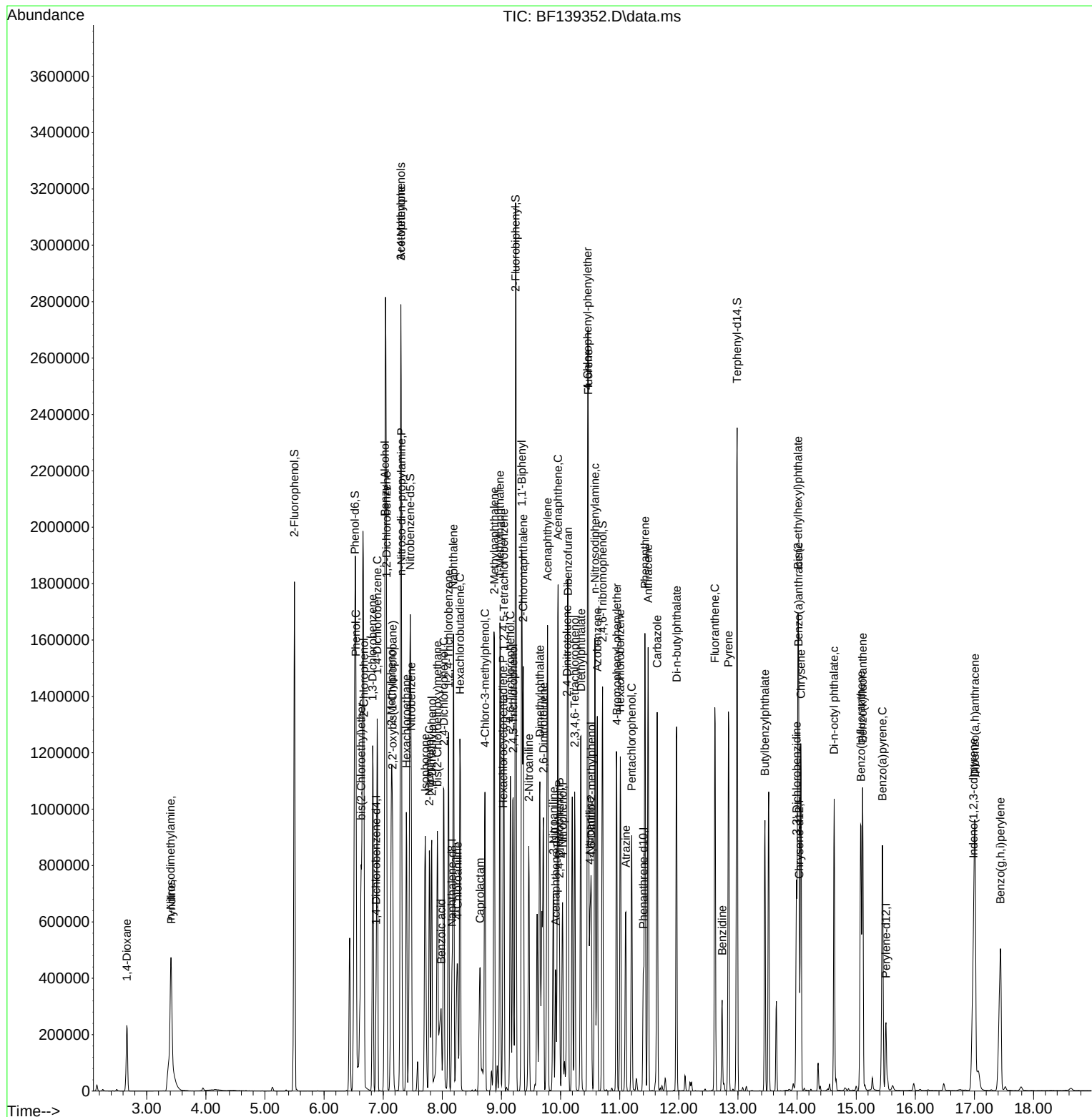
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	9.369	162	582318	79.713	ng	99
48) 2-Nitroaniline	9.463	65	223259	82.167	ng	97
49) Acenaphthylene	9.780	152	868138	78.947	ng	100
50) Dimethylphthalate	9.651	163	652879	78.326	ng	100
51) 2,6-Dinitrotoluene	9.710	165	150724	81.625	ng	99
52) Acenaphthene	9.957	154	617018	80.396	ng	100
53) 3-Nitroaniline	9.880	138	135147	73.235	ng	95
54) 2,4-Dinitrophenol	9.980	184	92861	95.931	ng	94
55) Dibenzofuran	10.127	168	830718	77.658	ng	98
56) 4-Nitrophenol	10.033	139	120683	79.034	ng	92
57) 2,4-Dinitrotoluene	10.110	165	202984	81.422	ng	94
58) Fluorene	10.469	166	683097	78.266	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	167088	78.199	ng	99
60) Diethylphthalate	10.345	149	676646	78.664	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	337209	79.499	ng	98
62) 4-Nitroaniline	10.498	138	146728	72.852	ng	99
63) Azobenzene	10.622	77	664983	78.600	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	109579	90.485	ng	96
66) n-Nitrosodiphenylamine	10.580	169	551600	82.225	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	189144	83.184	ng	99
68) Hexachlorobenzene	11.010	284	217457	81.487	ng	98
69) Atrazine	11.104	200	105161	65.847	ng	97
70) Pentachlorophenol	11.204	266	132585	82.799	ng	99
71) Phenanthrene	11.427	178	865088	78.146	ng	99
72) Anthracene	11.480	178	846379	78.198	ng	100
73) Carbazole	11.633	167	762939	73.649	ng	99
74) Di-n-butylphthalate	11.963	149	890092	77.132	ng	100
75) Fluoranthene	12.610	202	809435	68.469	ng	98
77) Benzidine	12.733	184	166381	93.243	ng	99
78) Pyrene	12.839	202	820624	76.737	ng	99
80) Butylbenzylphthalate	13.457	149	287851	79.080	ng	98
81) Benzo(a)anthracene	14.027	228	656134	79.532	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	197966	81.940	ng	99
83) Chrysene	14.062	228	600714	79.146	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	367918	79.454	ng	100
85) Di-n-octyl phthalate	14.627	149	612797	89.860	ng	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	691200	83.439	ng	99
88) Benzo(b)fluoranthene	15.080	252	670084	77.990	ng	100
89) Benzo(k)fluoranthene	15.109	252	601230	75.894	ng	99
90) Benzo(a)pyrene	15.445	252	567157	79.594	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	578214	84.470	ng	100
92) Benzo(g,h,i)perylene	17.439	276	547299	80.751	ng	99

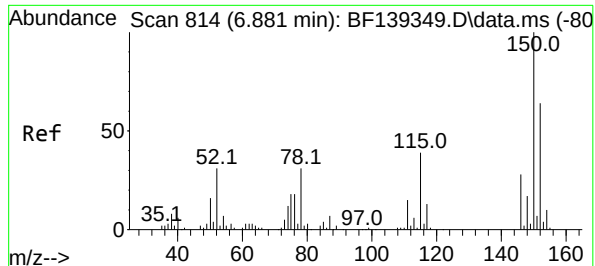
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

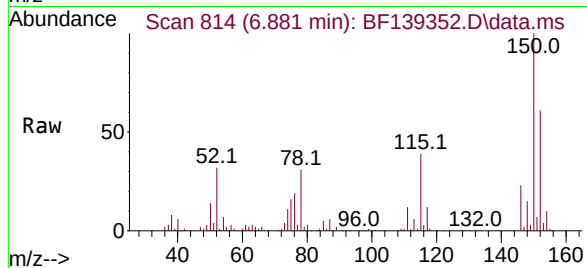
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

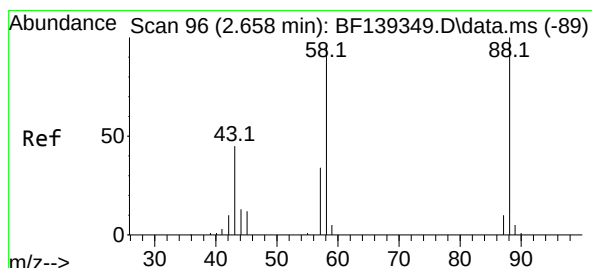
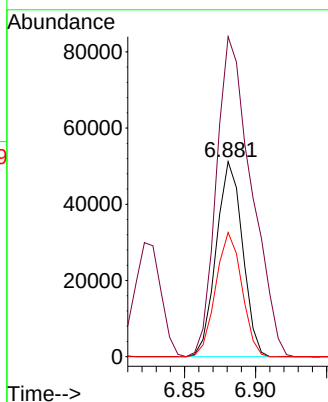
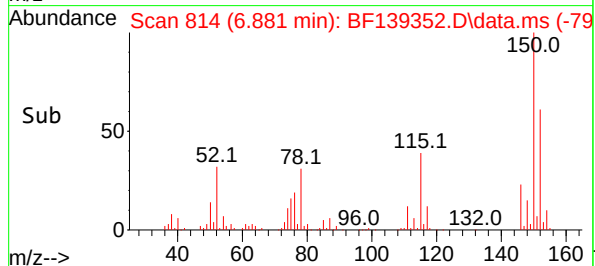
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:152 Resp: 66119
Ion Ratio Lower Upper
152 100
150 164.1 124.1 186.1
115 63.7 48.1 72.1

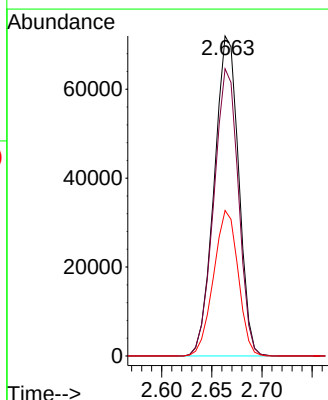
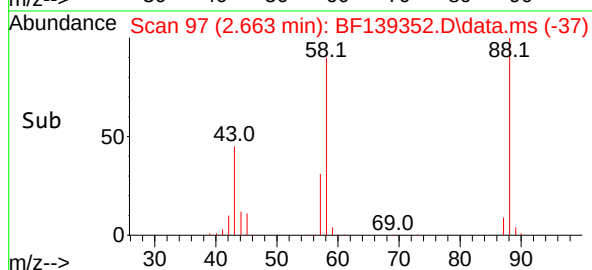
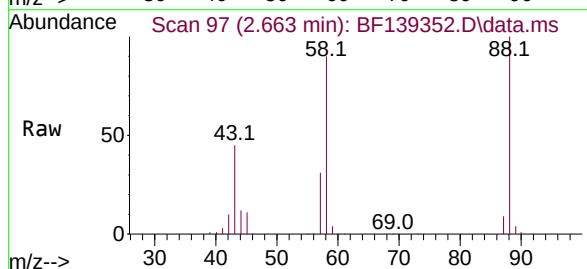
Manual Integrations
APPROVED

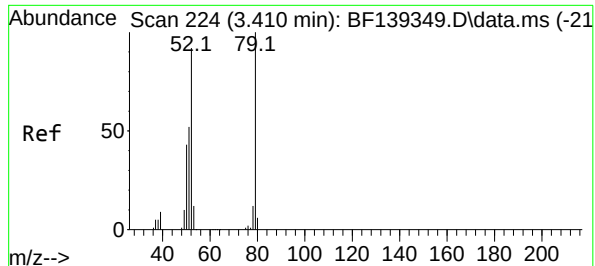
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#2
1,4-Dioxane
Concen: 74.817 ng
RT: 2.663 min Scan# 97
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion: 88 Resp: 121659
Ion Ratio Lower Upper
88 100
58 90.2 74.8 112.2
43 45.8 36.4 54.6





#3

Pyridine

Concen: 74.491 ng

RT: 3.416 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 79 Resp: 26706

Ion Ratio Lower Upper

79 100

52 92.2 73.8 110.8

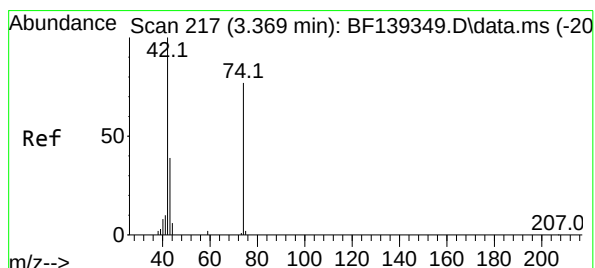
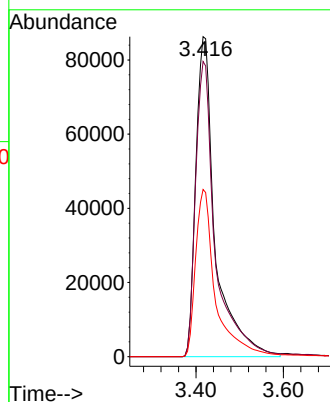
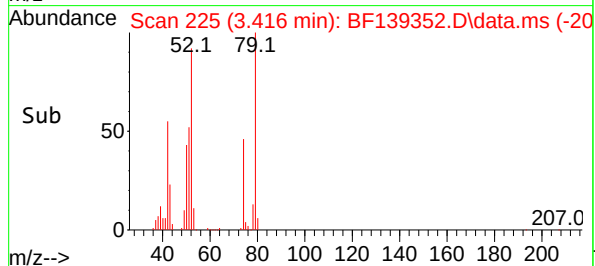
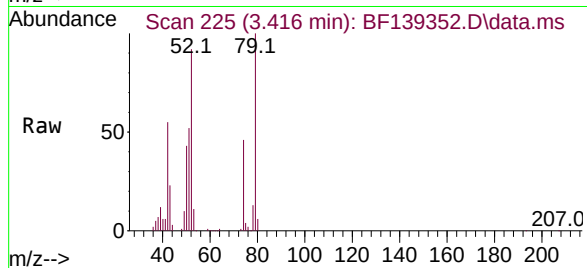
51 52.3 41.8 62.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#4

n-Nitrosodimethylamine

Concen: 78.334 ng

RT: 3.404 min Scan# 223

Delta R.T. 0.035 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

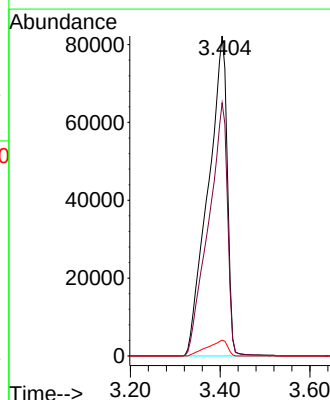
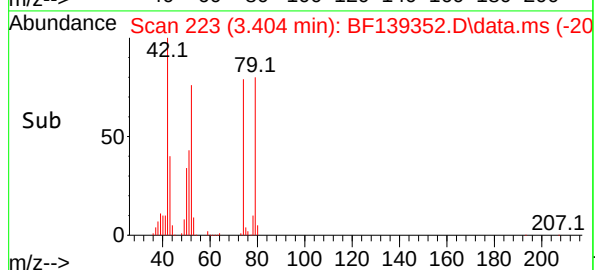
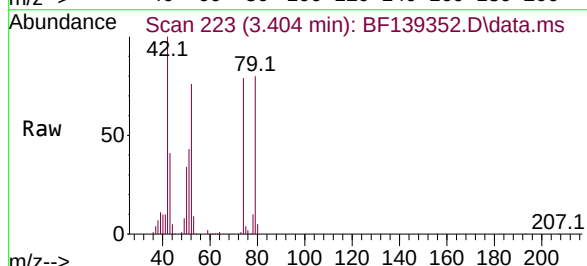
Tgt Ion: 42 Resp: 243418

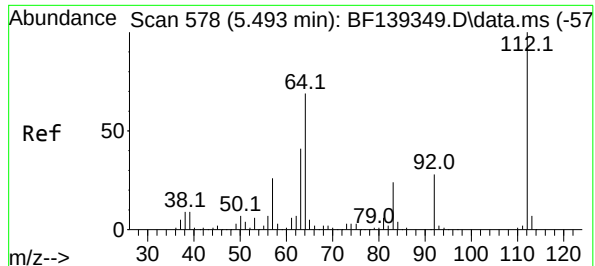
Ion Ratio Lower Upper

42 100

74 79.1 61.8 92.8

44 5.0 4.8 7.2





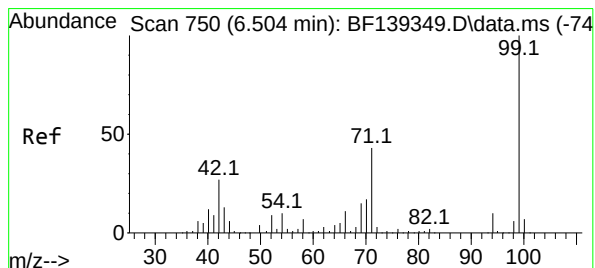
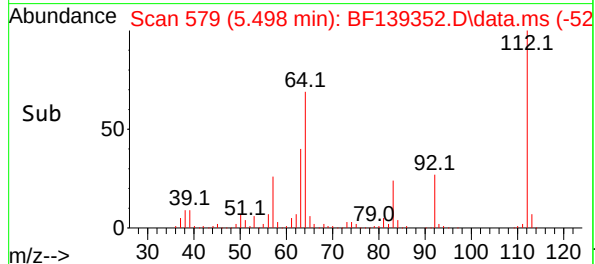
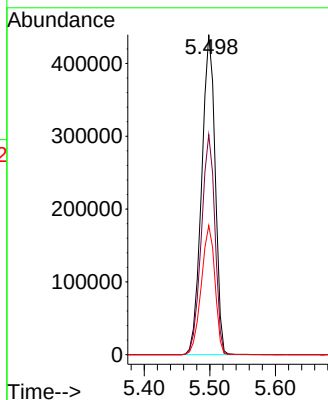
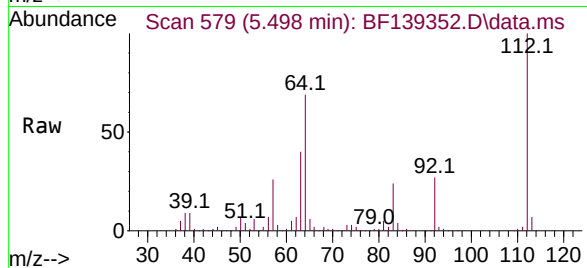
#5
2-Fluorophenol
Concen: 156.303 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:112 Resp: 63350
Ion Ratio Lower Upper
112 100
64 68.7 54.8 82.2
63 40.4 33.0 49.4

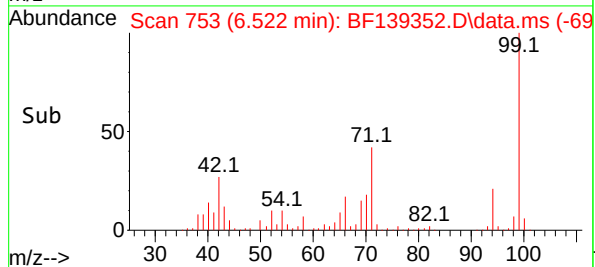
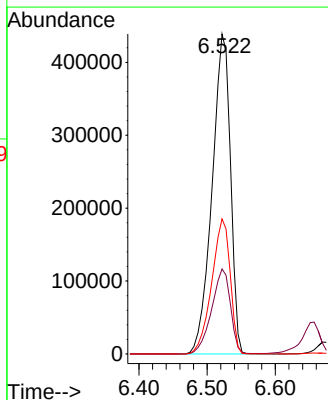
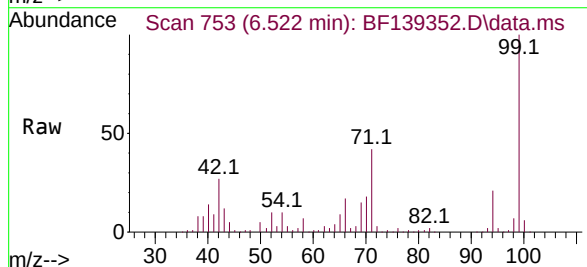
Manual Integrations
APPROVED

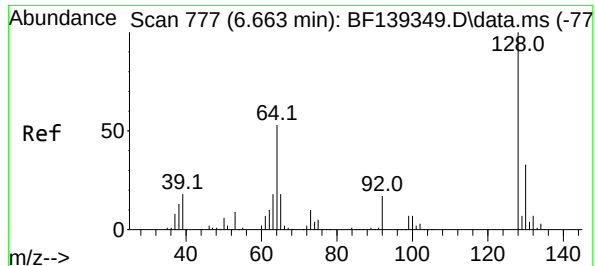
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#7
Phenol-d6
Concen: 154.588 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.017 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

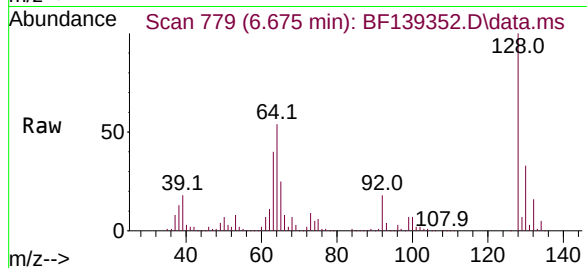
Tgt Ion: 99 Resp: 822389
Ion Ratio Lower Upper
99 100
42 26.6 21.9 32.9
71 42.2 34.6 52.0





#8
2-Chlorophenol
Concen: 77.941 ng
RT: 6.675 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

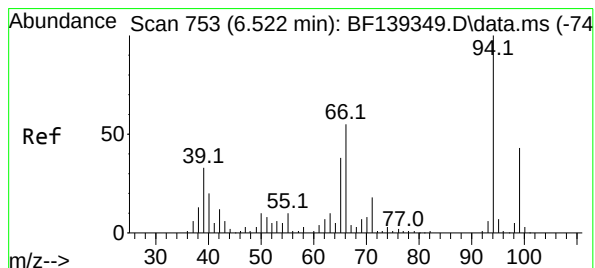
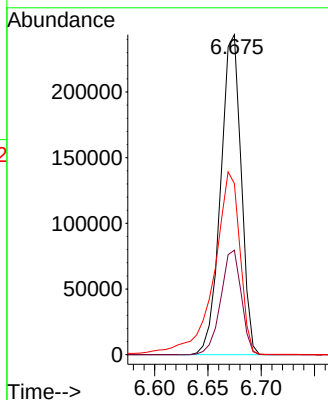
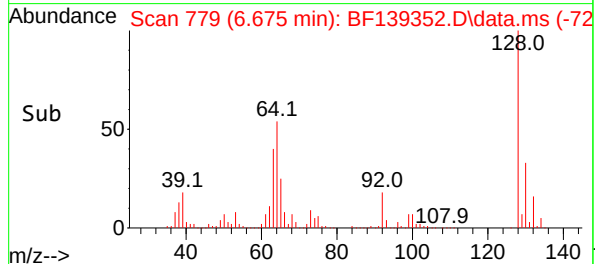
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:128 Resp: 325178
Ion Ratio Lower Upper
128 100
130 32.7 12.8 52.8
64 53.5 35.1 75.1

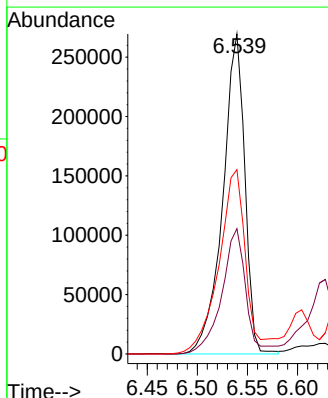
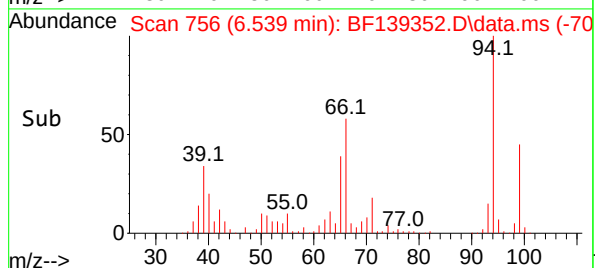
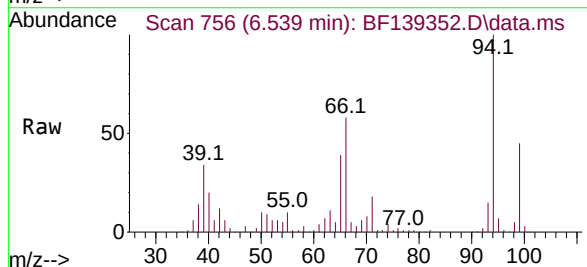
Manual Integrations
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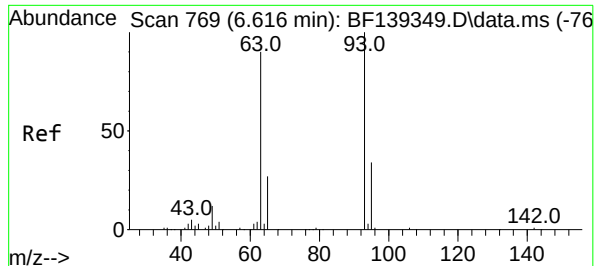
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#10
Phenol
Concen: 76.024 ng
RT: 6.539 min Scan# 756
Delta R.T. 0.017 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

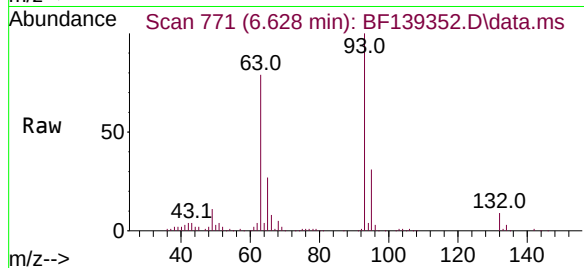
Tgt Ion: 94 Resp: 411917
Ion Ratio Lower Upper
94 100
65 39.1 17.6 57.6
66 57.6 35.2 75.2





#11
bis(2-Chloroethyl)ether
Concen: 109.614 ng m
RT: 6.628 min Scan# 771
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

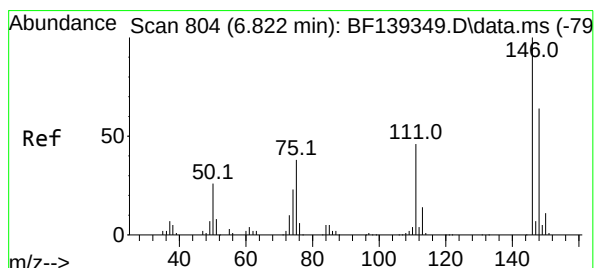
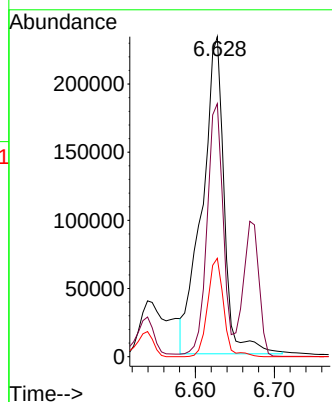
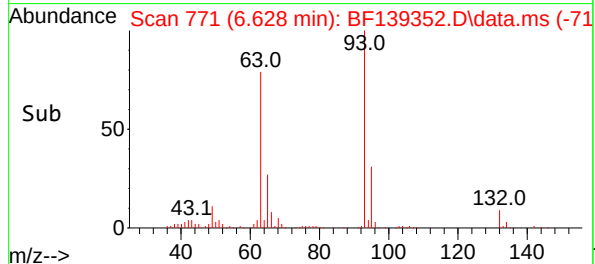
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 93 Resp: 451400
Ion Ratio Lower Upper
93 100
63 79.1 65.3 105.3
95 30.8 12.4 52.4

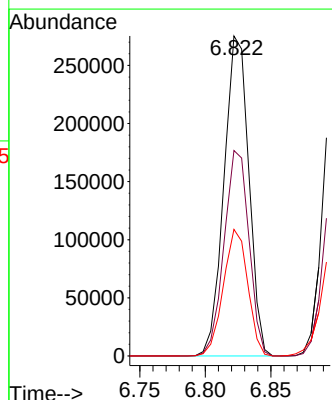
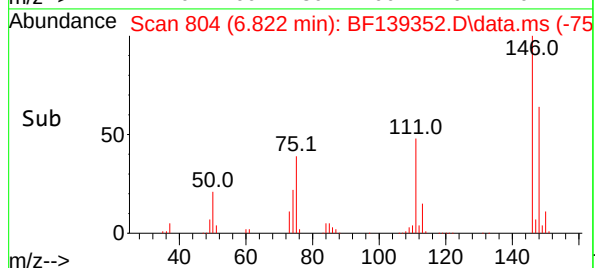
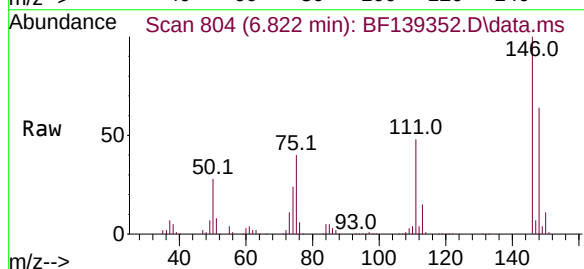
Manual Integrations
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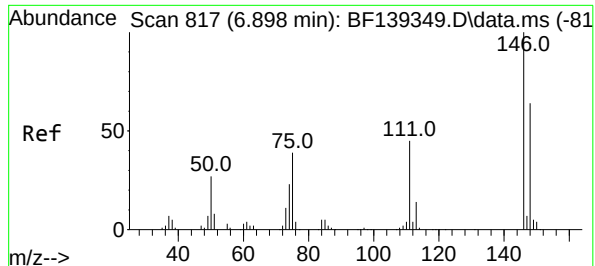
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#12
1,3-Dichlorobenzene
Concen: 76.374 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:146 Resp: 362380
Ion Ratio Lower Upper
146 100
148 64.2 51.2 76.8
75 39.6 30.6 46.0





#13

1,4-Dichlorobenzene

Concen: 77.276 ng

RT: 6.898 min Scan# 817

Delta R.T. -0.000 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 37052

Ion Ratio Lower Upper

146 100

148 63.6 50.9 76.3

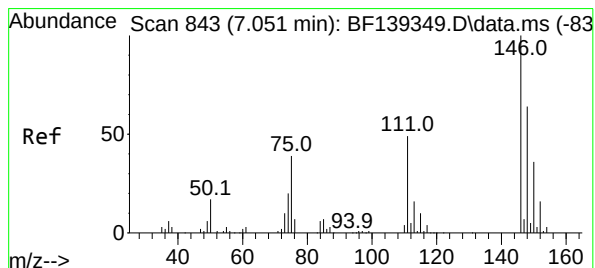
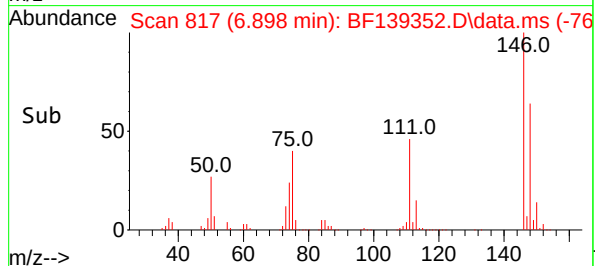
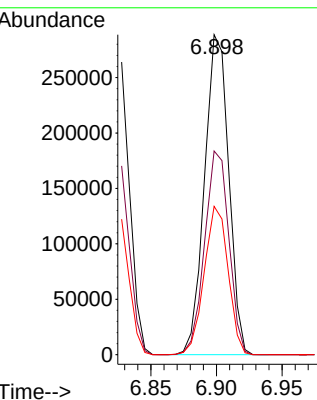
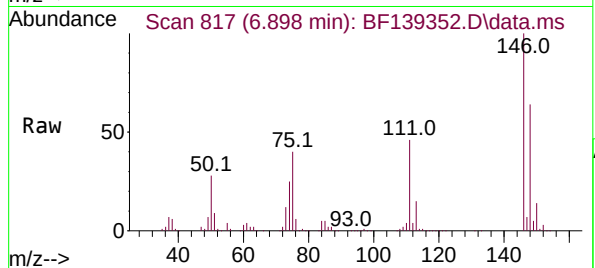
111 46.4 36.3 54.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#14

1,2-Dichlorobenzene

Concen: 76.848 ng

RT: 7.057 min Scan# 844

Delta R.T. 0.006 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

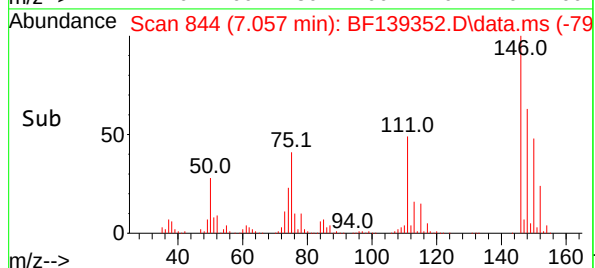
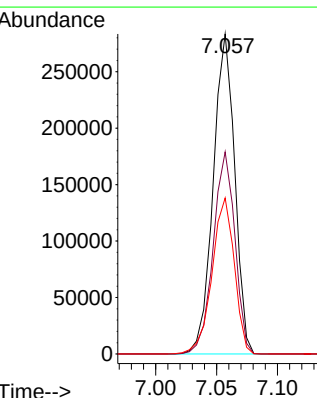
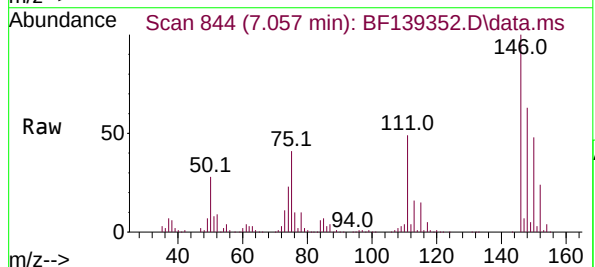
Tgt Ion:146 Resp: 348175

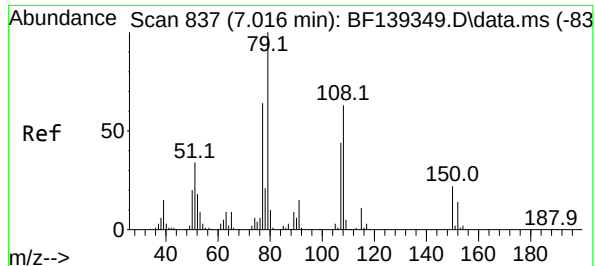
Ion Ratio Lower Upper

146 100

148 63.1 50.9 76.3

111 48.7 38.9 58.3





#15

Benzyl Alcohol

Concen: 76.809 ng

RT: 7.028 min Scan# 81

Delta R.T. 0.012 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 79 Resp: 326000

Ion Ratio Lower Upper

79 100

108 65.8 50.4 75.6

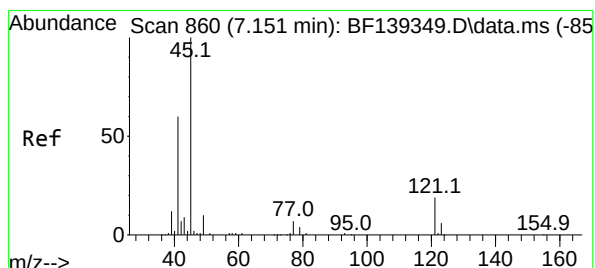
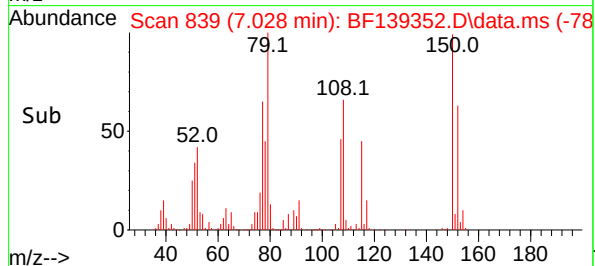
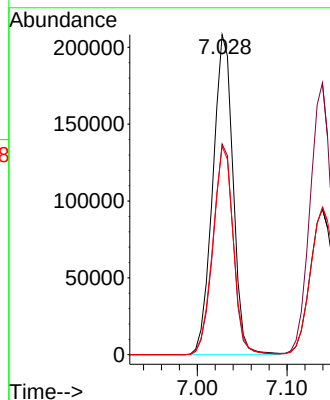
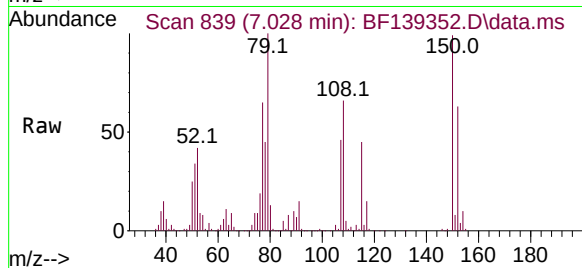
77 65.1 51.4 77.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#16

2,2'-oxybis(1-Chloropropane)

Concen: 74.703 ng

RT: 7.157 min Scan# 861

Delta R.T. 0.006 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

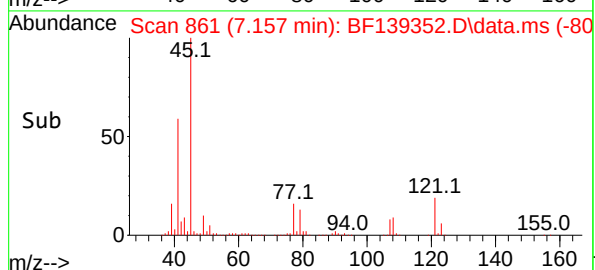
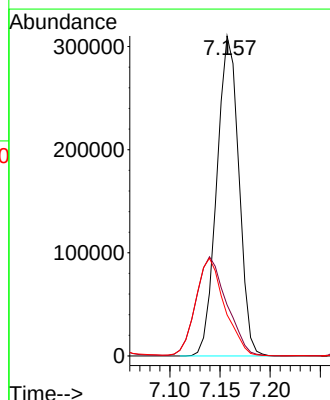
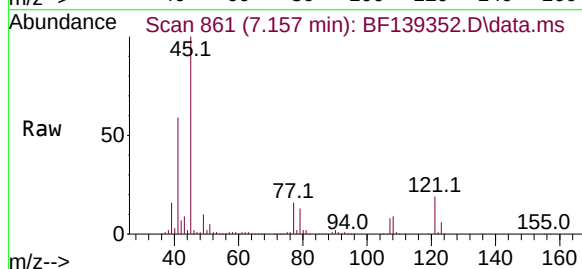
Tgt Ion: 45 Resp: 474109

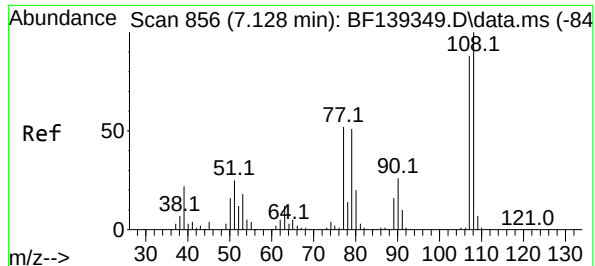
Ion Ratio Lower Upper

45 100

77 16.0 0.0 32.0

79 12.9 0.0 29.1





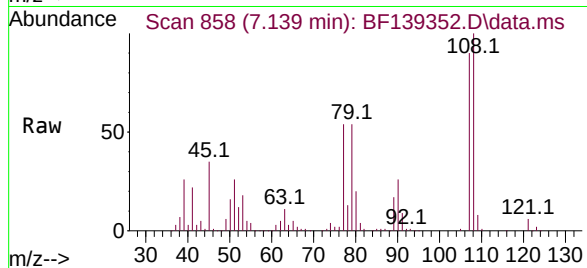
#17
2-Methylphenol
Concen: 78.327 ng
RT: 7.139 min Scan# 856
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

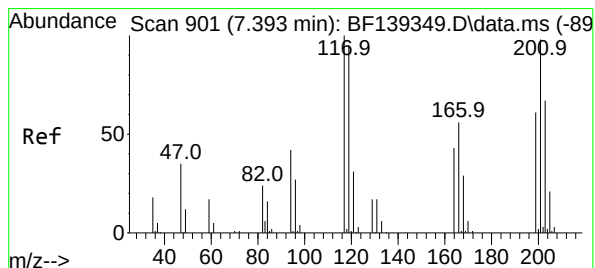
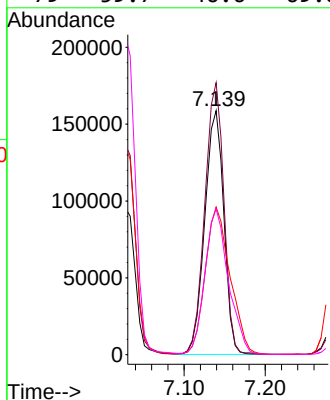
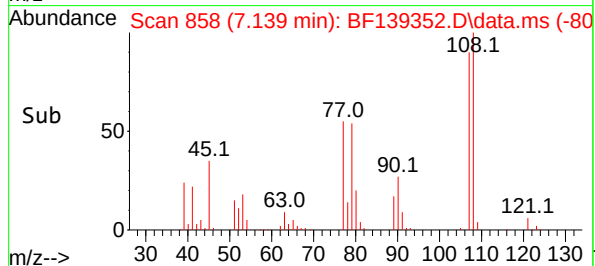


Tgt Ion:107 Resp: 25963
Ion Ratio Lower Upper
107 100
108 111.5 90.5 135.7
77 60.6 47.1 70.7
79 59.7 46.6 69.8

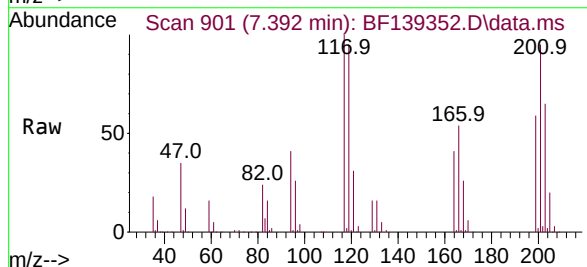
Manual Integrations

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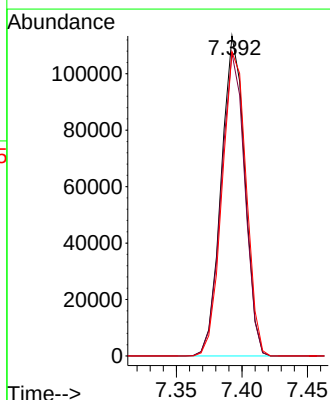
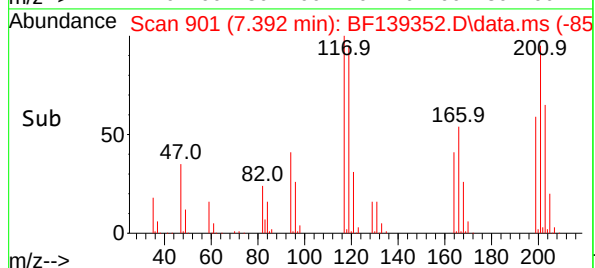
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

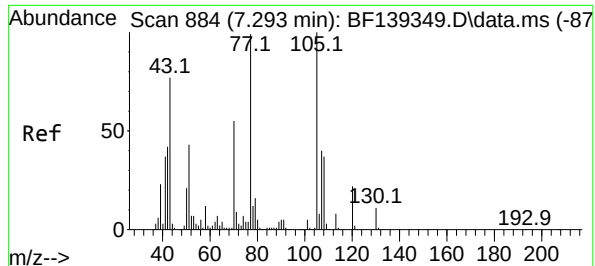


#18
Hexachloroethane
Concen: 77.259 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44



Tgt Ion:117 Resp: 141097
Ion Ratio Lower Upper
117 100
119 94.6 75.8 113.8
201 95.1 78.6 118.0





#19

n-Nitroso-di-n-propylamine

Concen: 78.784 ng

RT: 7.310 min Scan# 884

Delta R.T. 0.017 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 70 Resp: 24836

Ion Ratio Lower Upper

70 100

42 74.9 61.2 91.8

101 9.6 7.5 11.3

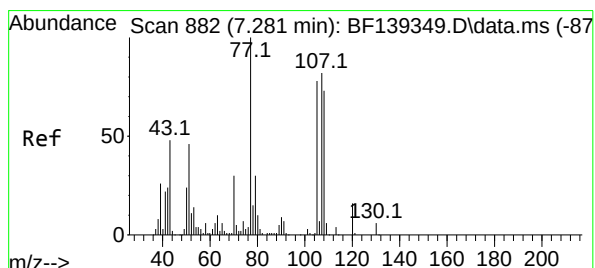
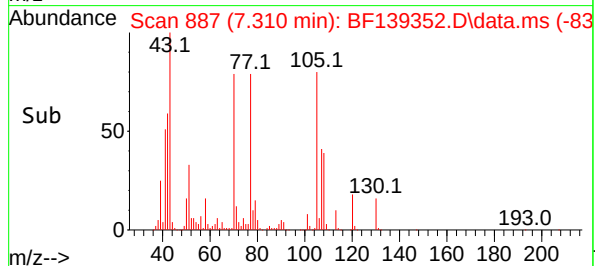
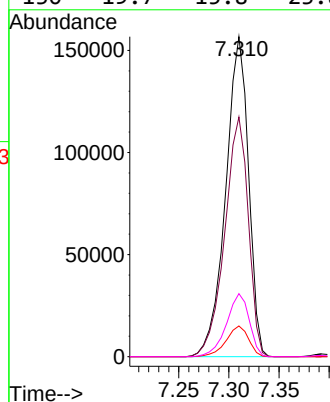
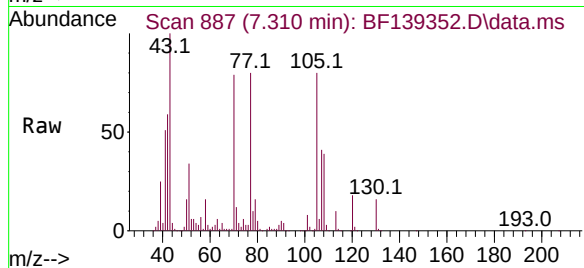
130 19.7 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#20

3+4-Methylphenols

Concen: 77.825 ng

RT: 7.298 min Scan# 885

Delta R.T. 0.017 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

Tgt Ion:107 Resp: 351953

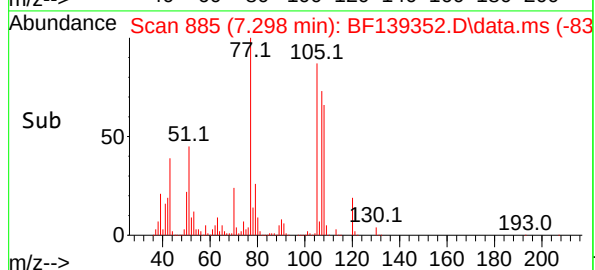
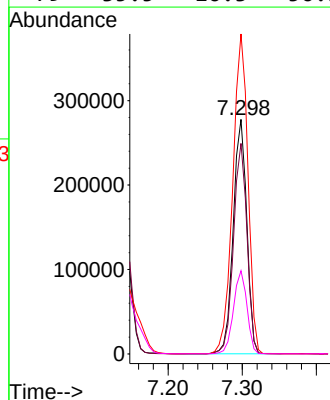
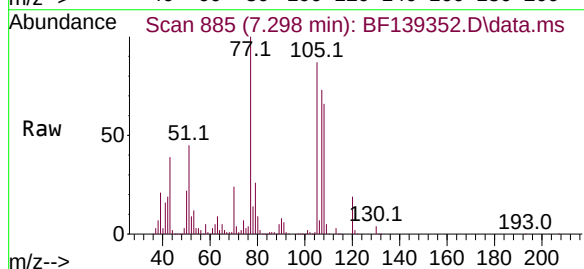
Ion Ratio Lower Upper

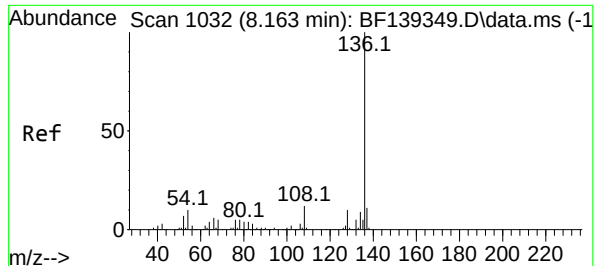
107 100

108 89.8 68.6 108.6

77 136.5 101.6 141.6

79 35.5 16.3 56.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

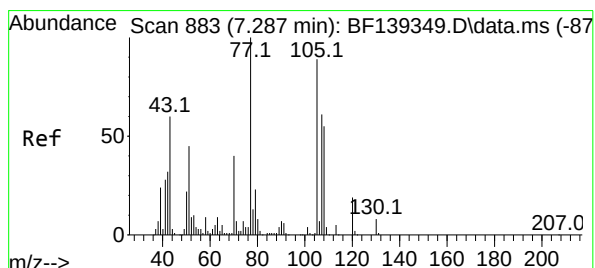
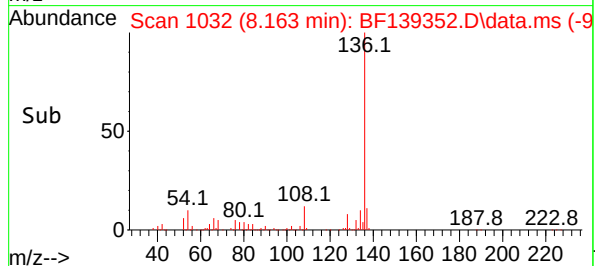
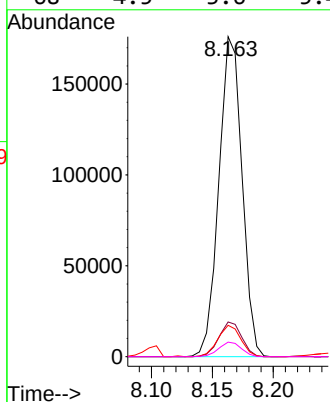
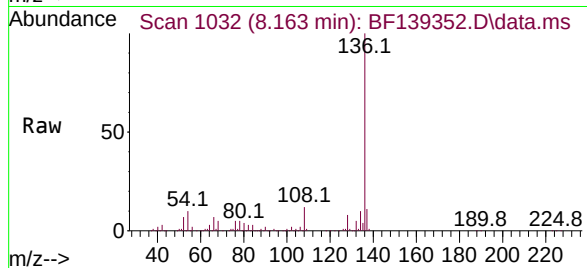
SSTDICC080

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.8	7.8	11.8
68	4.5	3.6	5.4

Manual Integrations

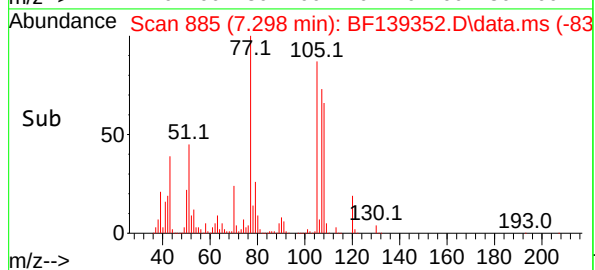
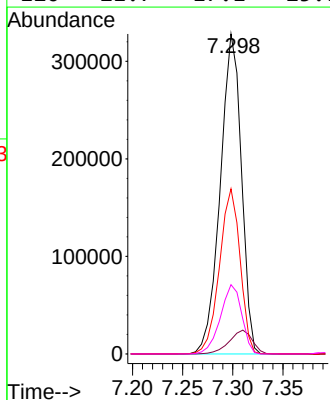
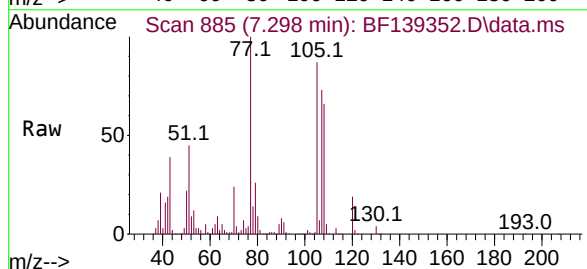
APPROVED

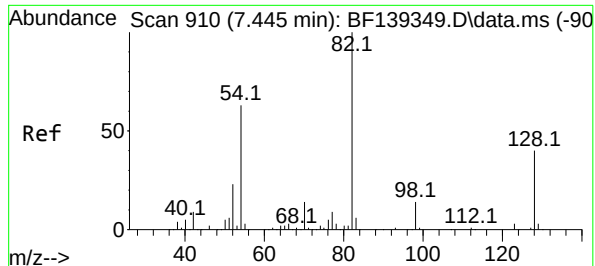
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#22
Acetophenone
Concen: 78.801 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.4	5.9	8.9#
51	51.6	40.0	60.0
120	21.7	17.1	25.7





#23

Nitrobenzene-d5

Concen: 161.094 ng

RT: 7.457 min Scan# 910

Delta R.T. 0.012 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 79838

Ion Ratio Lower Upper

82 100

128 39.9 31.8 47.6

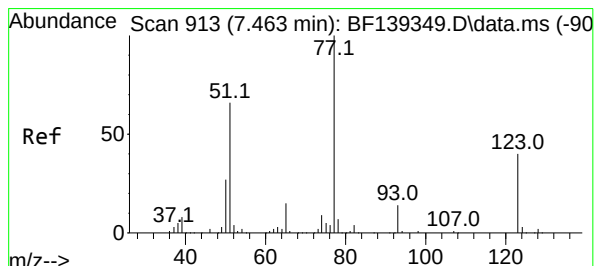
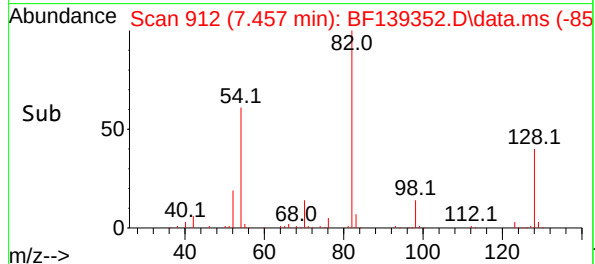
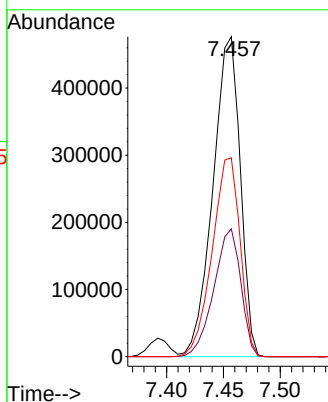
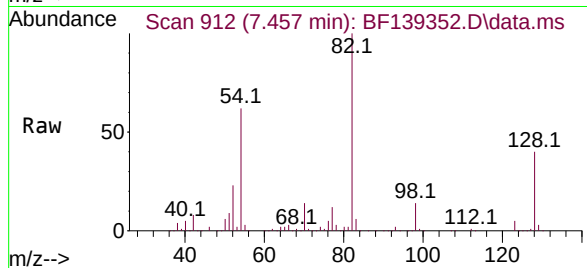
54 62.1 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#24

Nitrobenzene

Concen: 78.622 ng

RT: 7.475 min Scan# 915

Delta R.T. 0.012 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

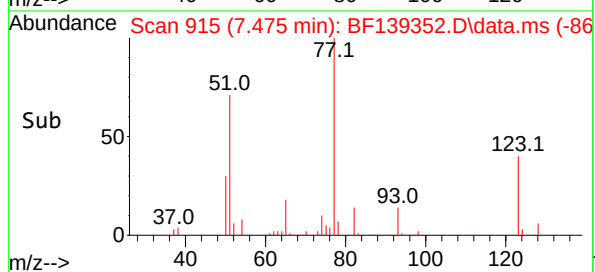
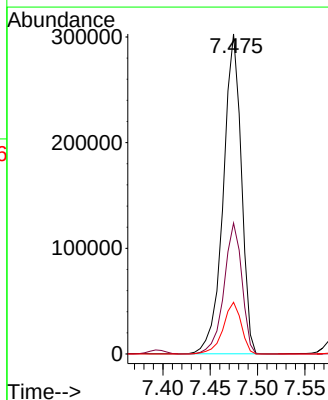
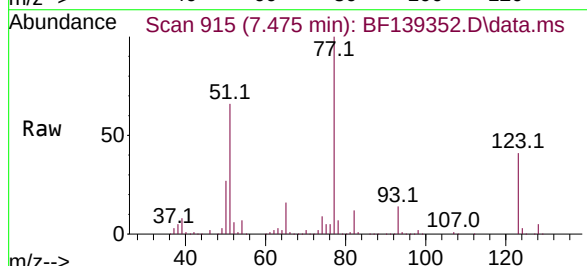
Tgt Ion: 77 Resp: 401035

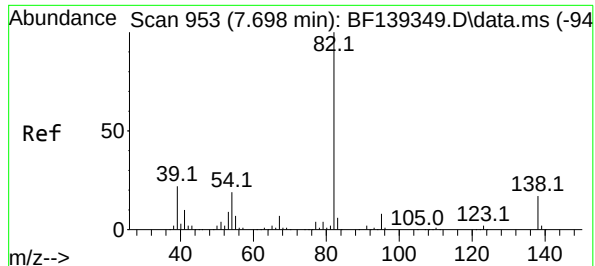
Ion Ratio Lower Upper

77 100

123 40.9 32.2 48.4

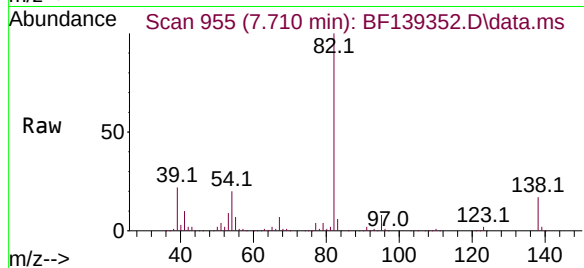
65 16.1 12.2 18.4





#25
Isophorone
Concen: 78.833 ng
RT: 7.710 min Scan# 91
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

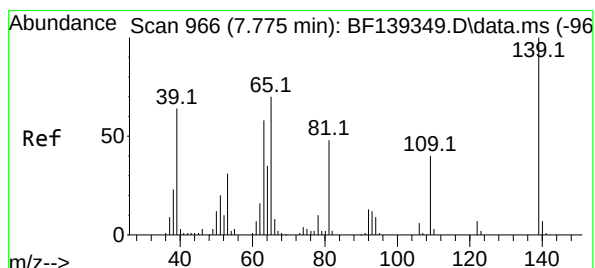
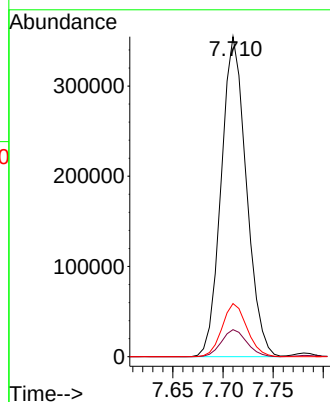
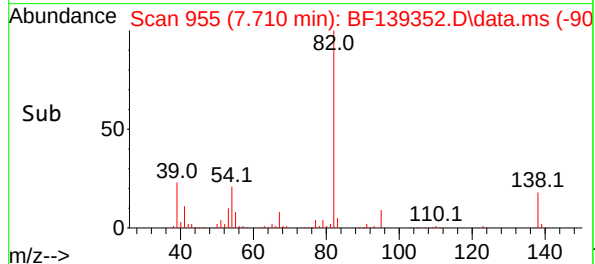
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 82 Resp: 617892
Ion Ratio Lower Upper
82 100
95 8.4 6.7 10.1
138 16.6 13.3 19.9

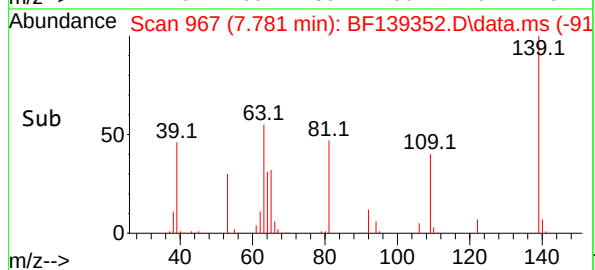
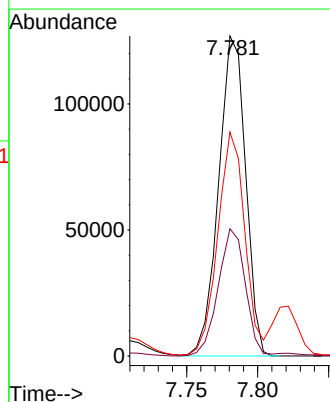
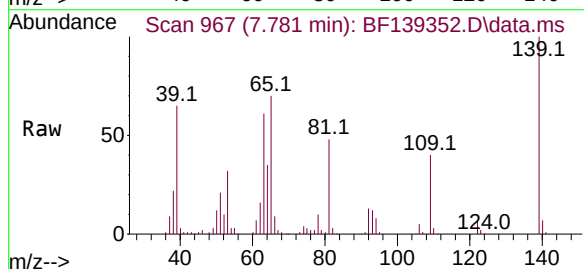
Manual Integrations
APPROVED

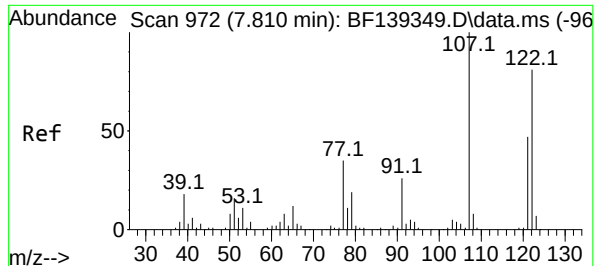
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#26
2-Nitrophenol
Concen: 84.561 ng
RT: 7.781 min Scan# 967
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:139 Resp: 168044
Ion Ratio Lower Upper
139 100
109 39.8 32.2 48.2
65 70.0 55.8 83.8





#27

2,4-Dimethylphenol

Concen: 78.593 ng

RT: 7.822 min Scan# 91

Delta R.T. 0.012 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:122 Resp: 206020

Ion Ratio Lower Upper

122 100

107 127.2 99.1 148.7

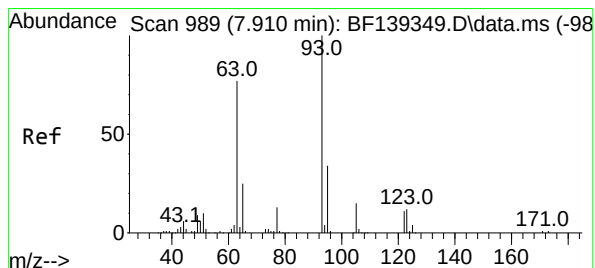
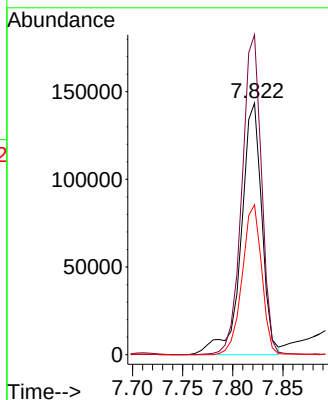
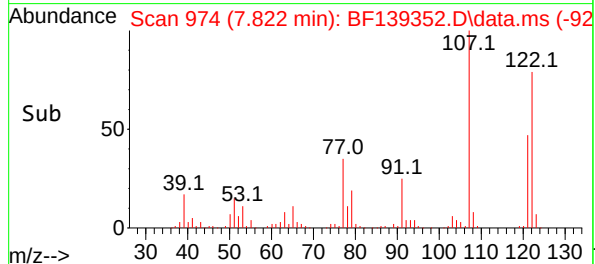
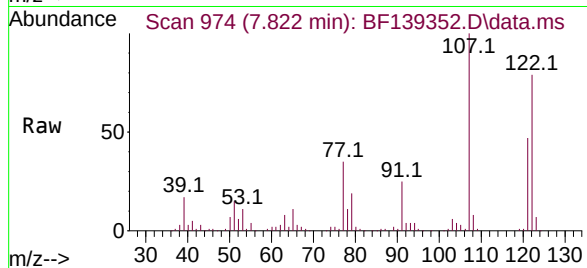
121 59.6 46.6 70.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#28

bis(2-Chloroethoxy)methane

Concen: 79.499 ng

RT: 7.916 min Scan# 990

Delta R.T. 0.006 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

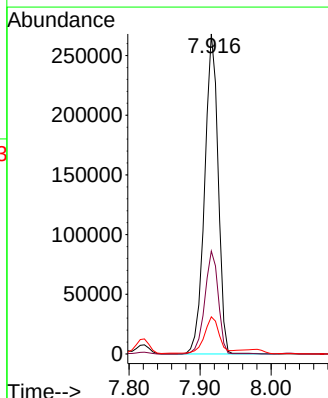
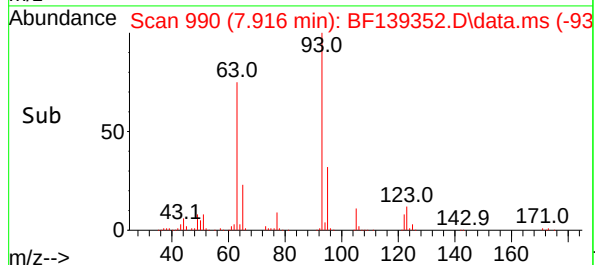
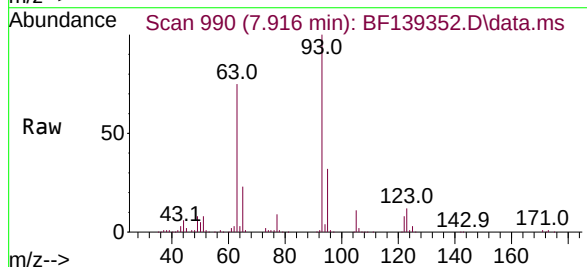
Tgt Ion: 93 Resp: 355128

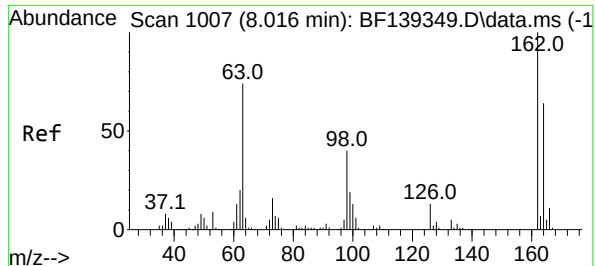
Ion Ratio Lower Upper

93 100

95 32.1 26.9 40.3

123 11.6 10.0 15.0





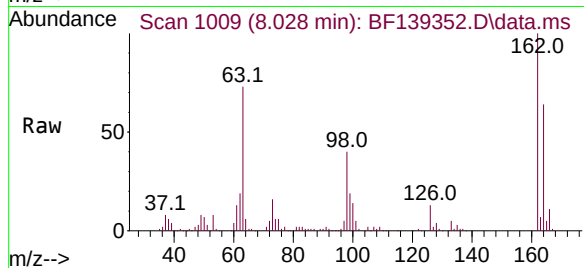
#29
2,4-Dichlorophenol
Concen: 79.303 ng
RT: 8.028 min Scan# 1009
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

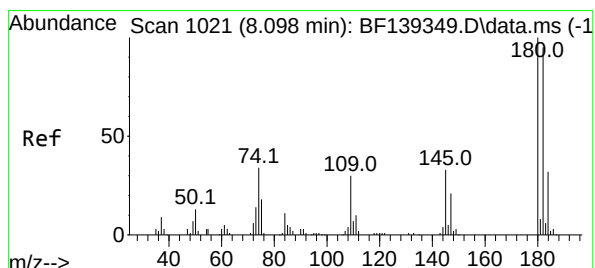
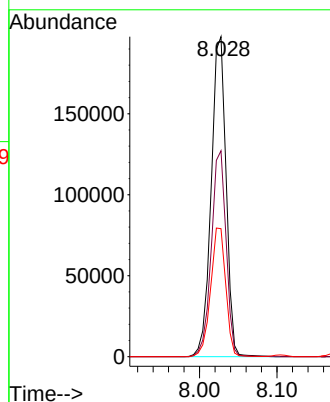
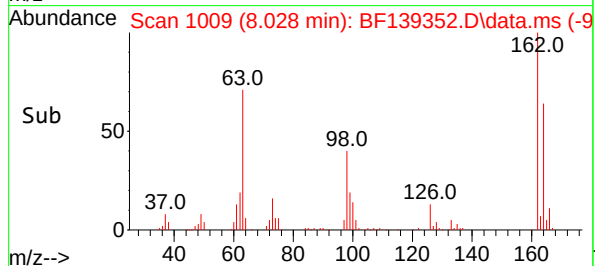


Tgt Ion:162 Resp: 26408
Ion Ratio Lower Upper
162 100
164 64.4 43.6 83.6
98 40.0 19.7 59.7

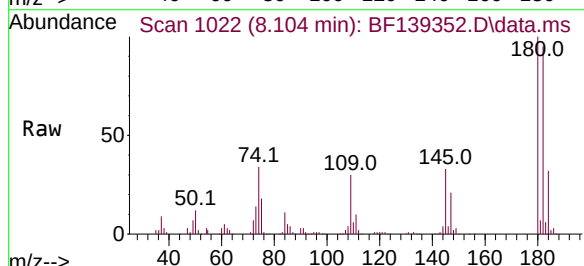
Manual Integrations

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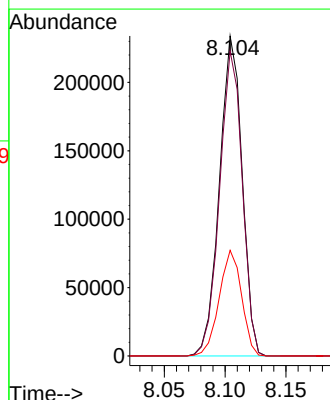
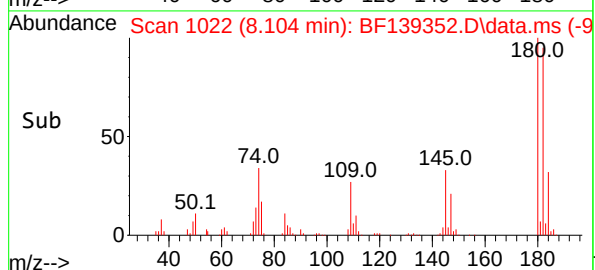
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

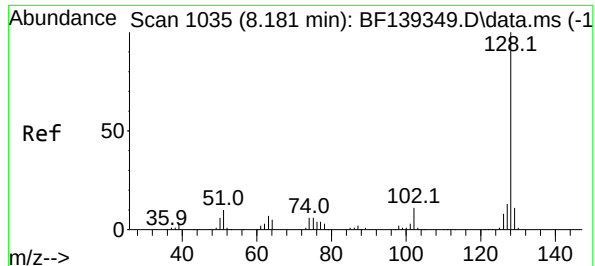


#30
1,2,4-Trichlorobenzene
Concen: 78.143 ng
RT: 8.104 min Scan# 1022
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44



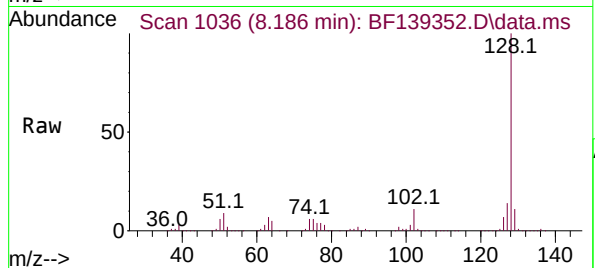
Tgt Ion:180 Resp: 303204
Ion Ratio Lower Upper
180 100
182 95.3 75.7 113.5
145 33.0 26.5 39.7





#31
Naphthalene
Concen: 79.198 ng
RT: 8.186 min Scan# 1036
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

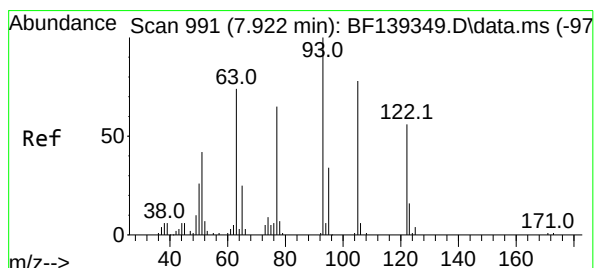
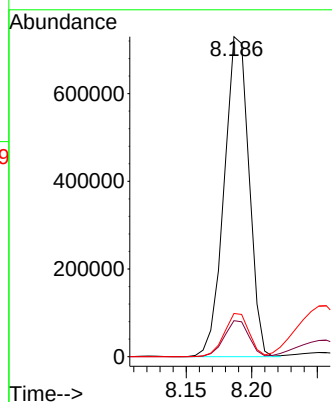
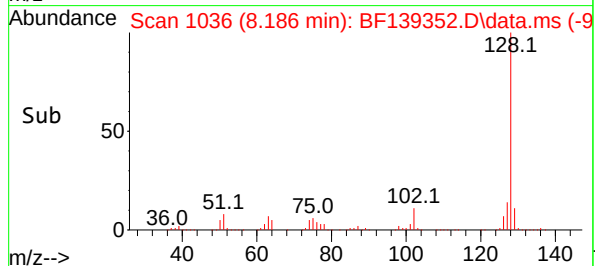
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:128 Resp: 963320
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.5 10.6 16.0

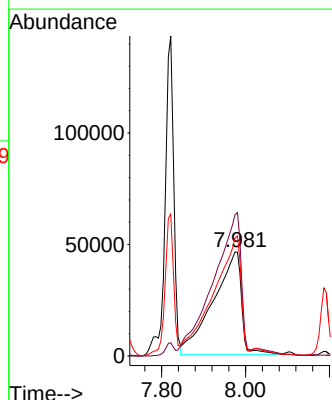
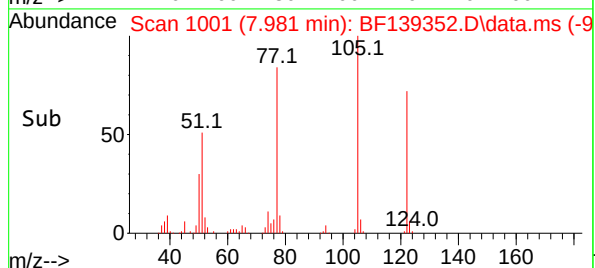
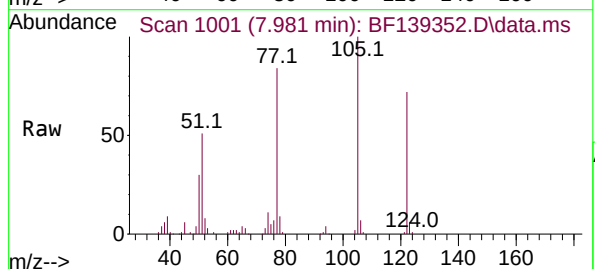
Manual Integrations
APPROVED

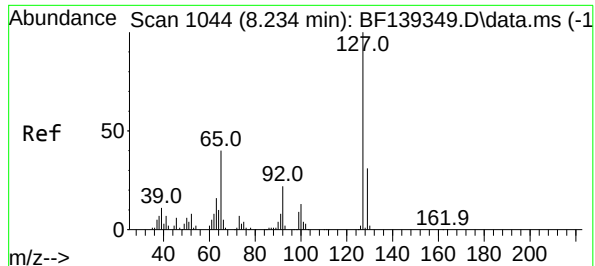
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#32
Benzoic acid
Concen: 87.390 ng m
RT: 7.981 min Scan# 1001
Delta R.T. 0.059 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

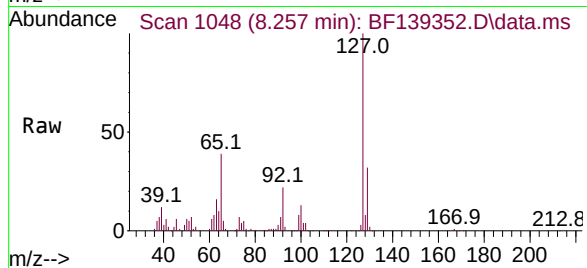
Tgt Ion:122 Resp: 215219
Ion Ratio Lower Upper
122 100
105 138.0 117.1 157.1
77 115.5 95.4 135.4





#33
4-Chloroaniline
Concen: 73.324 ng
RT: 8.257 min Scan# 1048
Delta R.T. 0.023 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

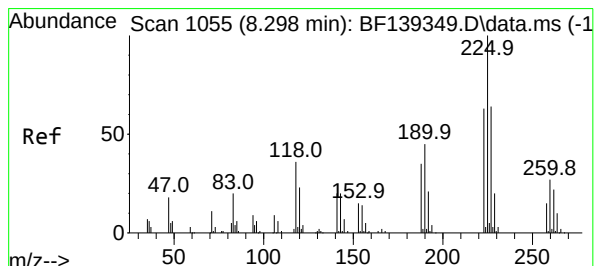
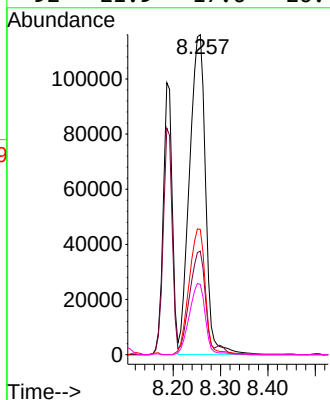
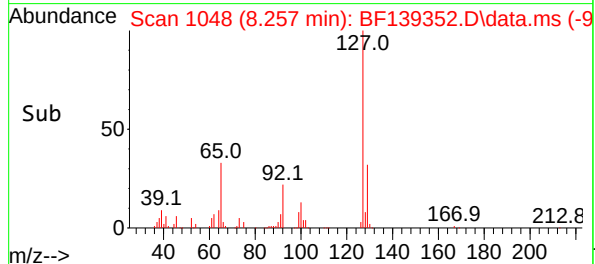
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:127 Resp: 27284
Ion Ratio Lower Upper
127 100
129 32.4 25.5 38.3
65 39.2 31.5 47.3
92 21.9 17.6 26.4

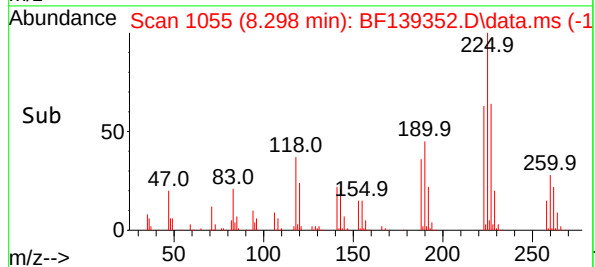
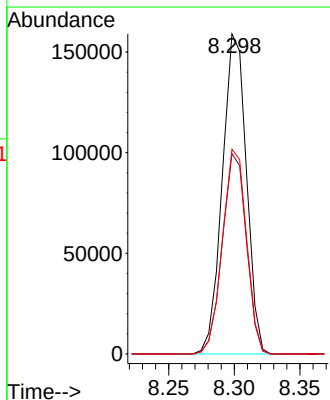
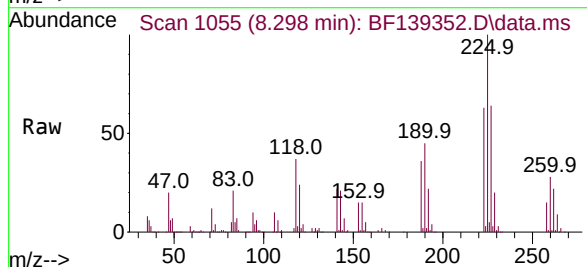
Manual Integrations
APPROVED

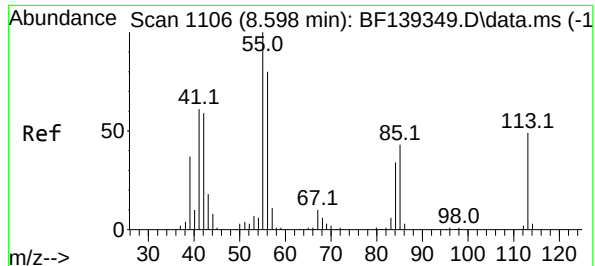
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#34
Hexachlorobutadiene
Concen: 76.928 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:225 Resp: 202793
Ion Ratio Lower Upper
225 100
223 62.6 50.1 75.1
227 63.9 51.0 76.6





#35
Caprolactam
Concen: 79.884 ng
RT: 8.639 min Scan# 1106
Delta R.T. 0.041 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

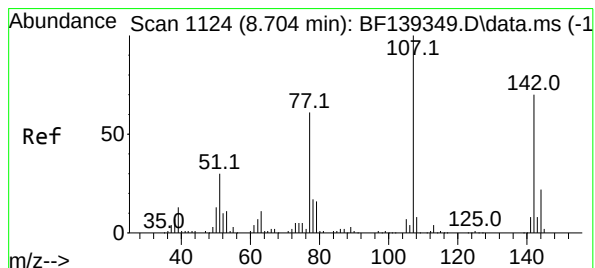
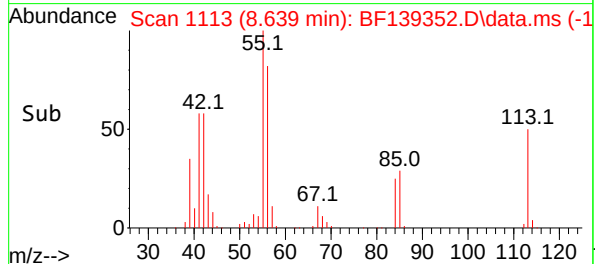
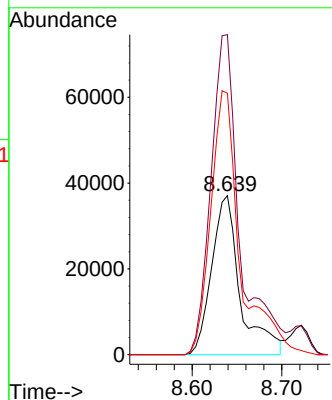
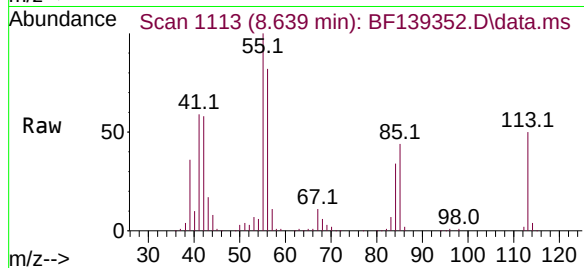
SSTDICC080

Tgt Ion	Ratio	Lower	Upper
113	100		
55	201.1	186.1	226.1
56	164.3	144.9	184.9

Manual Integrations

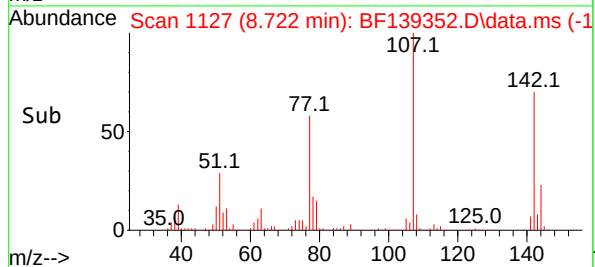
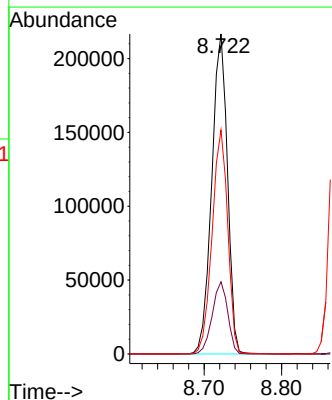
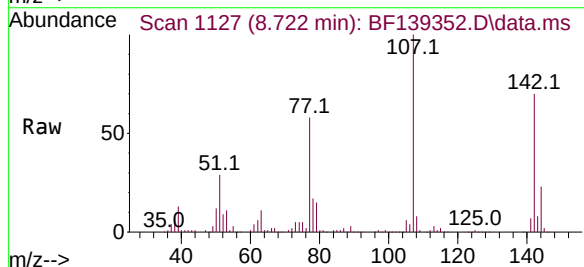
APPROVED

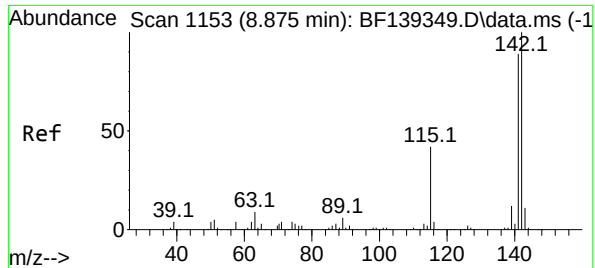
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#36
4-Chloro-3-methylphenol
Concen: 80.190 ng
RT: 8.722 min Scan# 1127
Delta R.T. 0.017 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.6	17.5	26.3
142	70.0	55.8	83.8





#37

2-Methylnaphthalene

Concen: 78.607 ng

RT: 8.880 min Scan# 1154

Delta R.T. 0.006 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:142 Resp: 60688

Ion Ratio Lower Upper

142 100

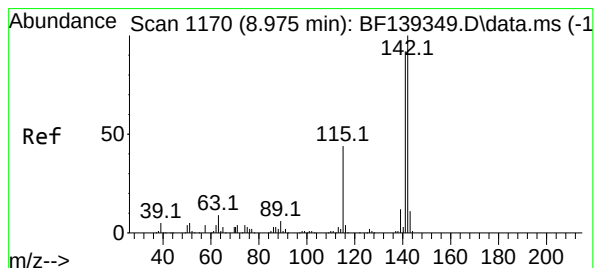
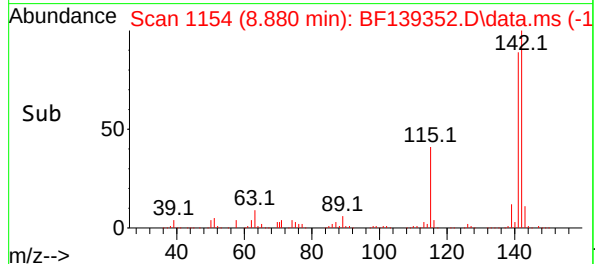
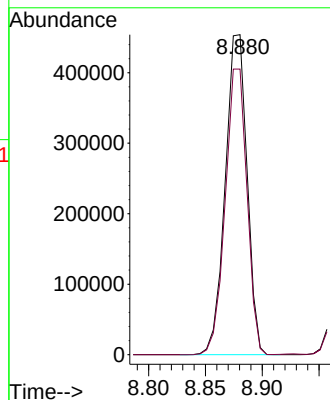
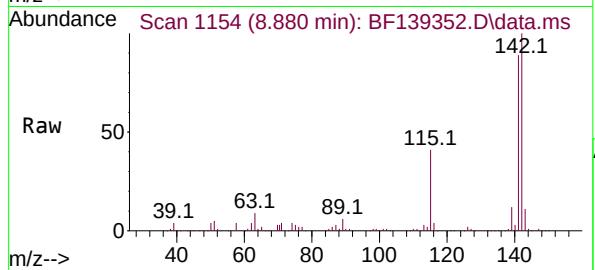
141 89.3 71.6 107.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#38

1-Methylnaphthalene

Concen: 79.092 ng

RT: 8.975 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF139352.D

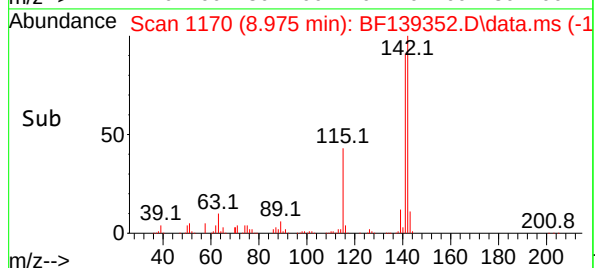
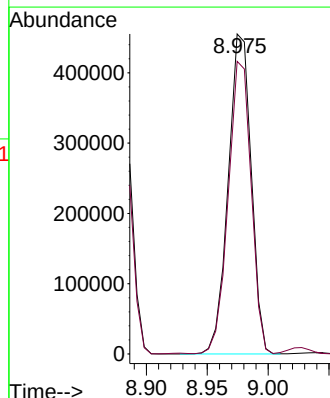
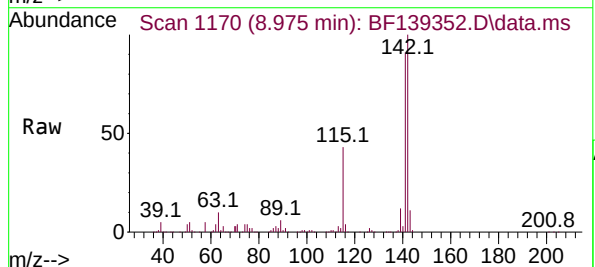
Acq: 13 Sep 2024 19:44

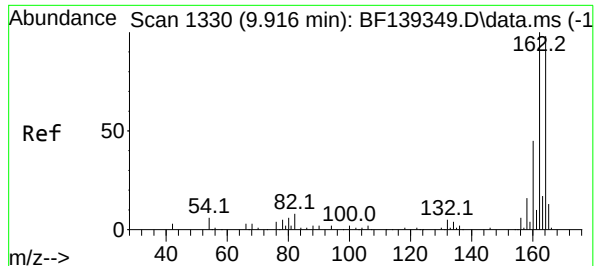
Tgt Ion:142 Resp: 599493

Ion Ratio Lower Upper

142 100

141 91.5 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF139352.D

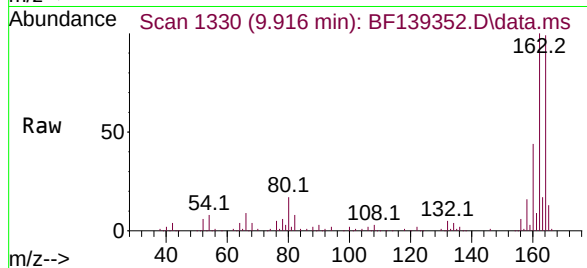
Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:164 Resp: 126997

Ion Ratio Lower Upper

164 100

162 101.0 81.3 121.9

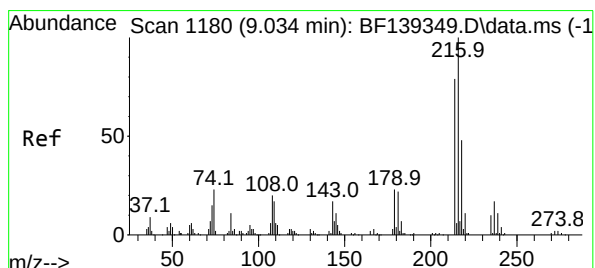
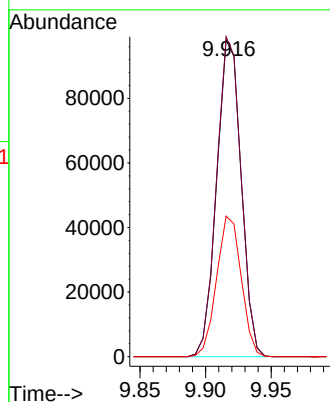
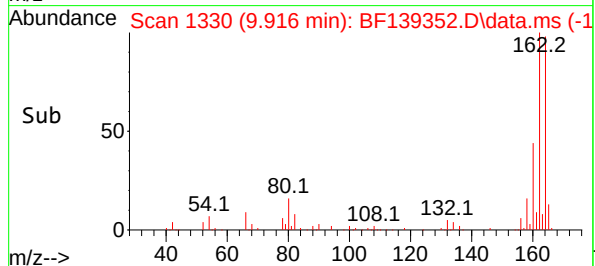
160 44.4 36.4 54.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 79.368 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

Tgt Ion:216 Resp: 298724

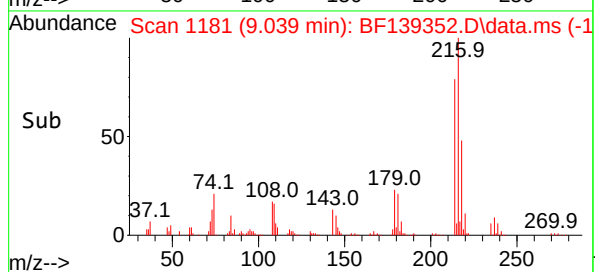
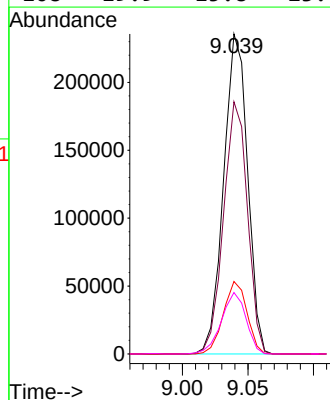
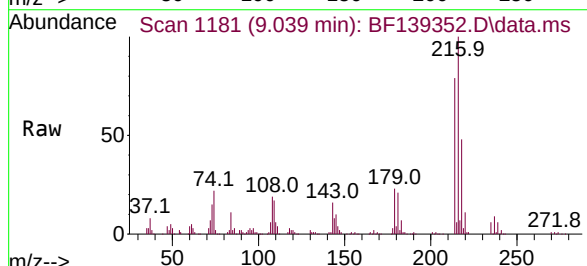
Ion Ratio Lower Upper

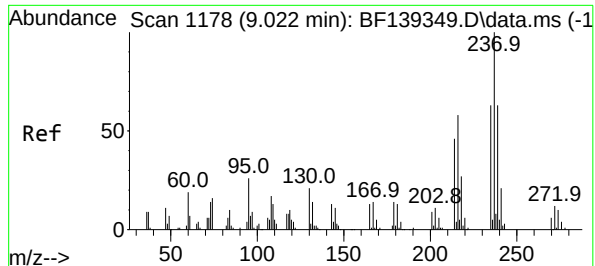
216 100

214 78.7 63.4 95.0

179 22.4 18.2 27.2

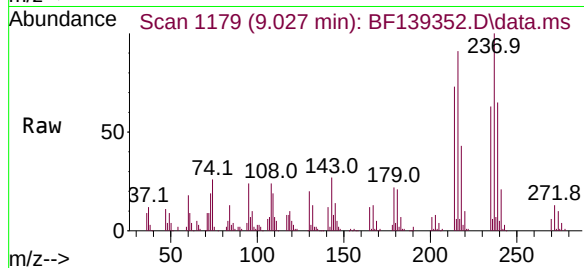
108 19.9 15.8 23.6





#41
Hexachlorocyclopentadiene
Concen: 72.430 ng
RT: 9.027 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

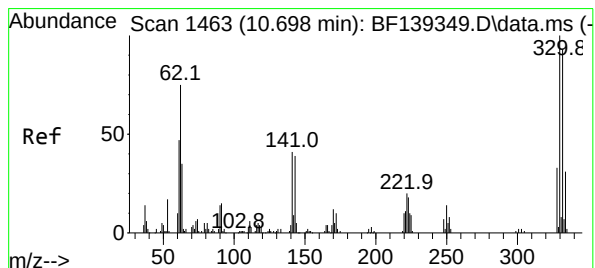
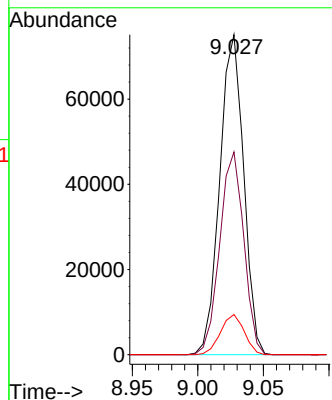
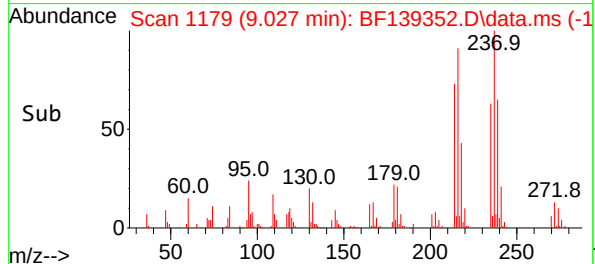
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 237 Resp: 95184
Ion Ratio Lower Upper
237 100
235 63.3 42.7 82.7
272 12.5 0.0 32.5

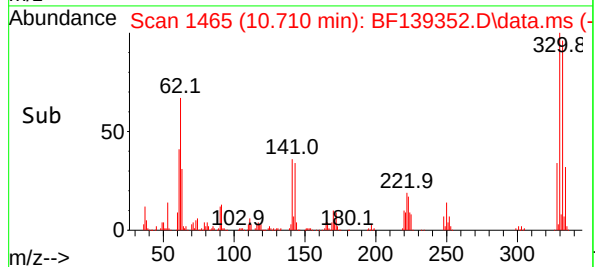
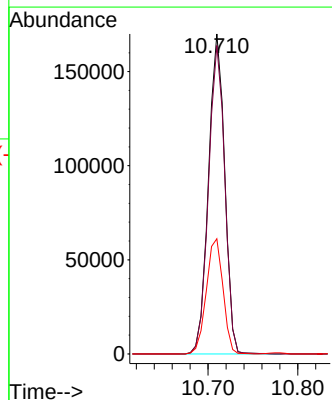
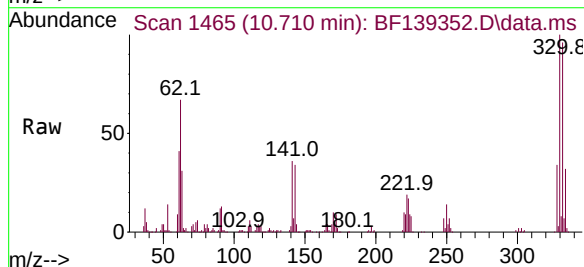
Manual Integrations
APPROVED

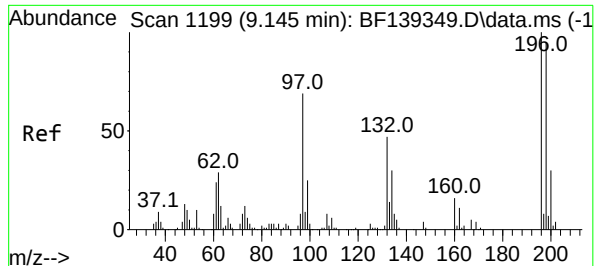
Reviewed By : Yogesh Patel 09/16/2024
Supervised By : mohammad ahmed 09/16/2024



#42
2,4,6-Tribromophenol
Concen: 157.565 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion: 330 Resp: 213033
Ion Ratio Lower Upper
330 100
332 96.7 75.2 112.8
141 37.1 31.2 46.8





#43

2,4,6-Trichlorophenol

Concen: 79.656 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF139352.D

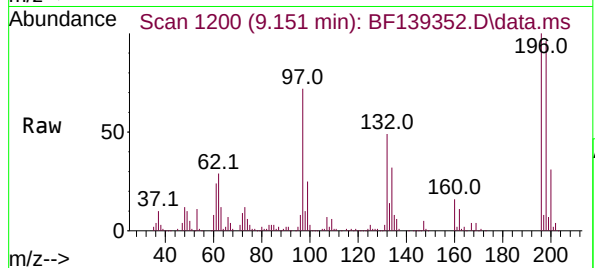
Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:196 Resp: 195054

Ion Ratio Lower Upper

196 100

198 96.0 75.8 113.6

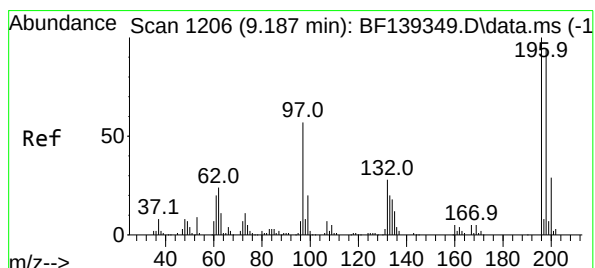
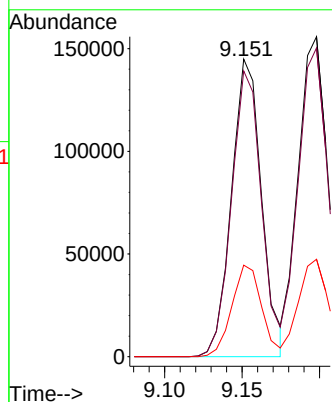
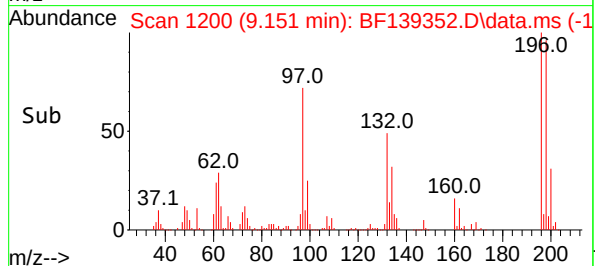
200 30.8 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#44

2,4,5-Trichlorophenol

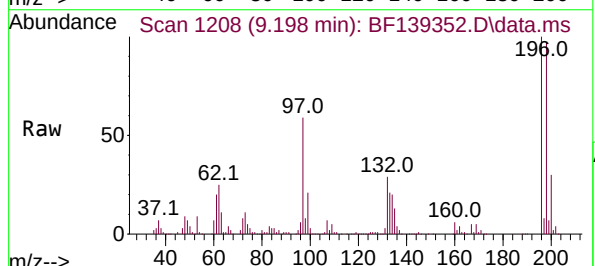
Concen: 80.566 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.012 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44



Tgt Ion:196 Resp: 208100

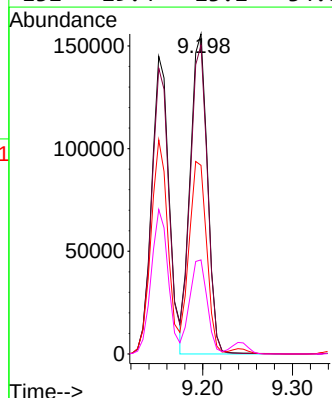
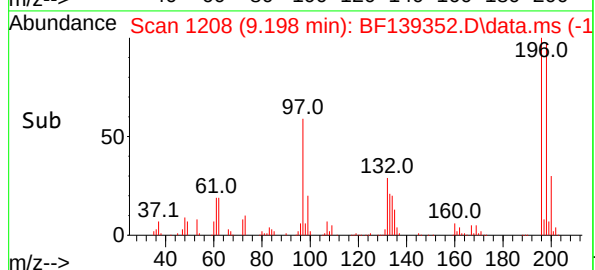
Ion Ratio Lower Upper

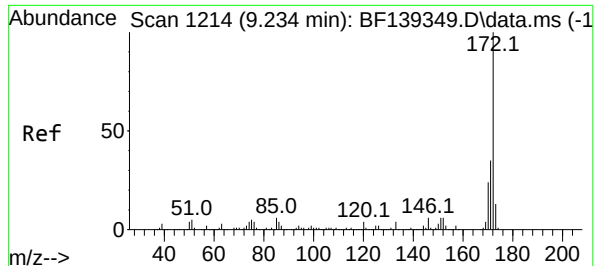
196 100

198 96.5 74.8 112.2

97 59.0 47.3 70.9

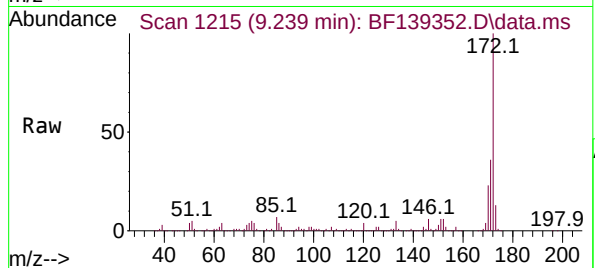
132 29.4 23.2 34.8





#45
2-Fluorobiphenyl
Concen: 155.345 ng
RT: 9.239 min Scan# 1215
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

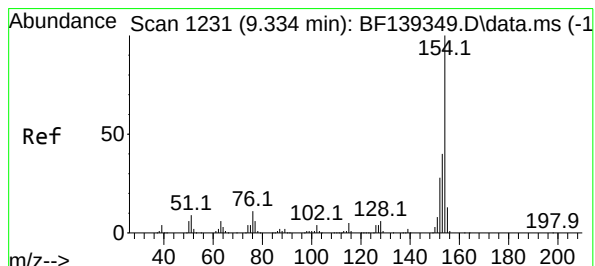
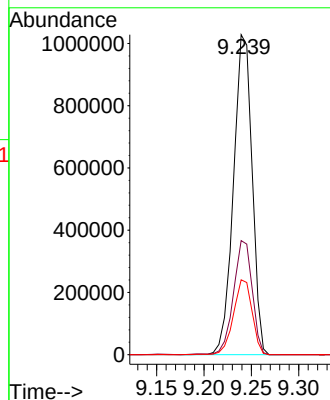
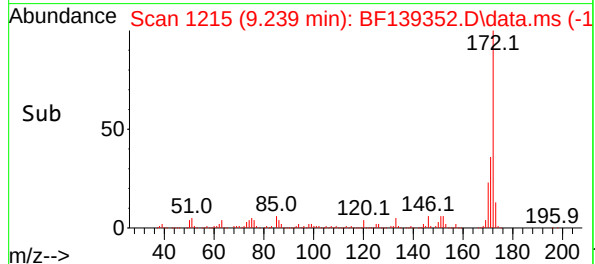
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



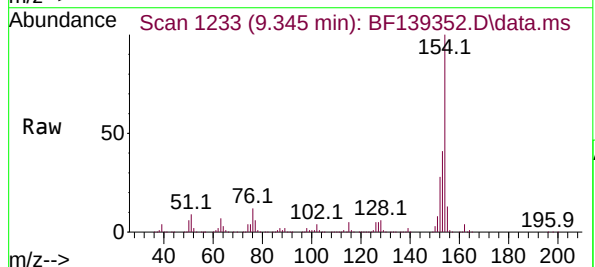
Tgt Ion:172 Resp: 1406634
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.4 19.0 28.6

Manual Integrations
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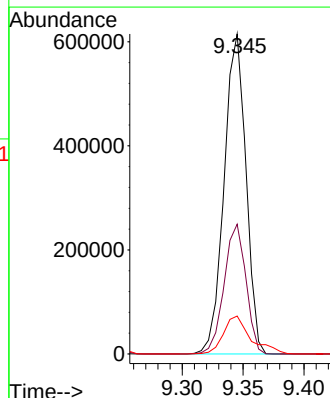
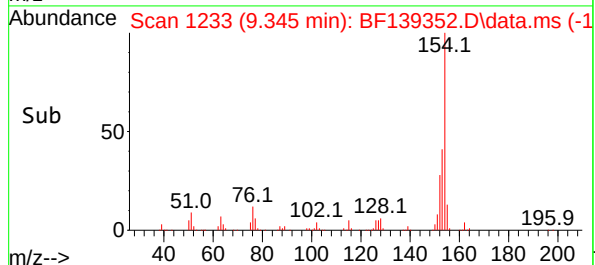
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

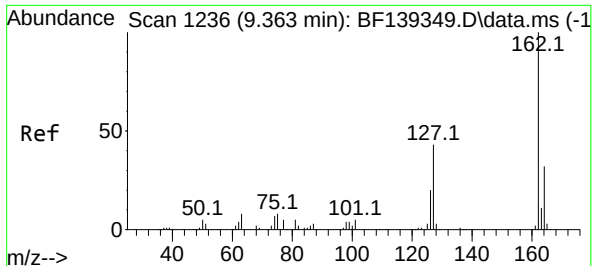


#46
1,1'-Biphenyl
Concen: 78.446 ng
RT: 9.345 min Scan# 1233
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44



Tgt Ion:154 Resp: 766437
Ion Ratio Lower Upper
154 100
153 40.5 20.1 60.1
76 11.9 0.0 31.1





#47

2-Chloronaphthalene

Concen: 79.713 ng

RT: 9.369 min Scan# 1236

Delta R.T. 0.006 min

Lab File: BF139352.D

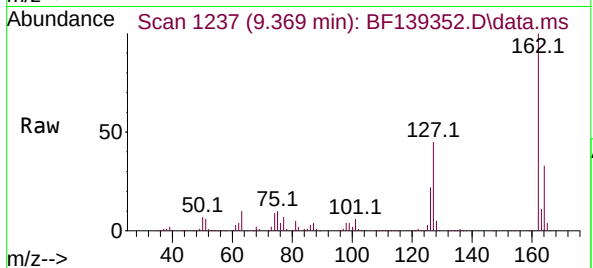
Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:162 Resp: 582318

Ion Ratio Lower Upper

162 100

127 44.6 35.0 52.4

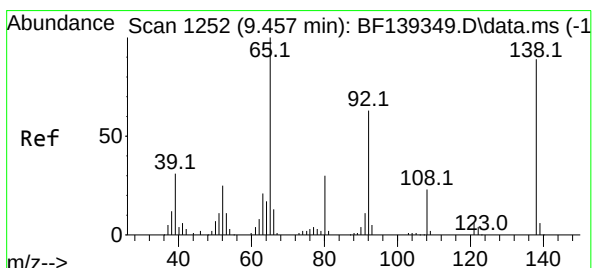
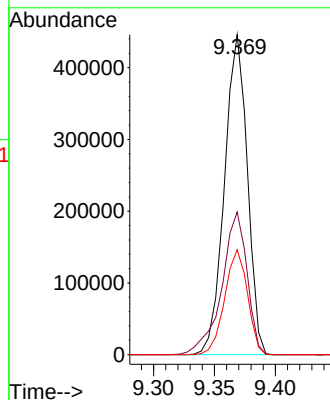
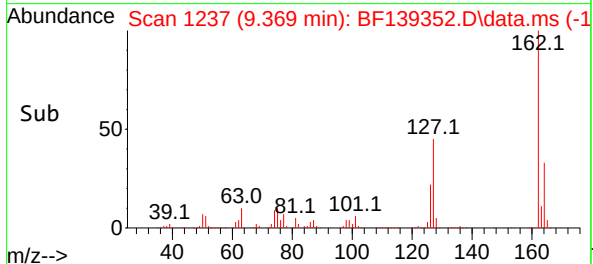
164 32.8 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#48

2-Nitroaniline

Concen: 82.167 ng

RT: 9.463 min Scan# 1253

Delta R.T. 0.006 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

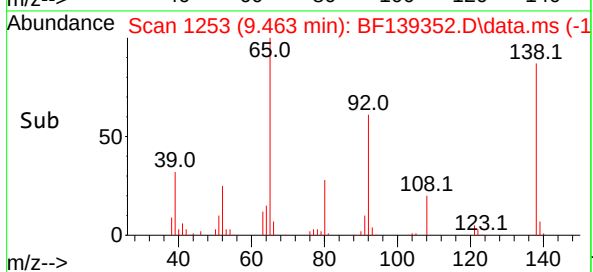
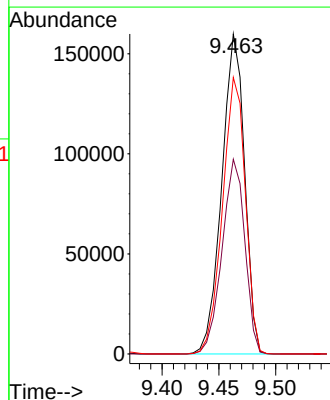
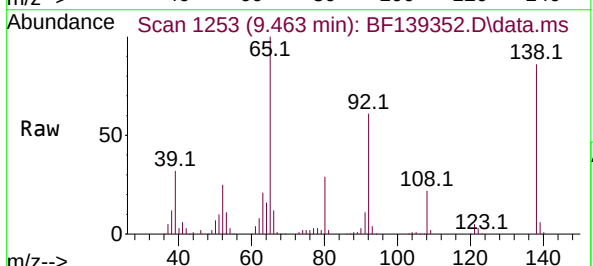
Tgt Ion: 65 Resp: 223259

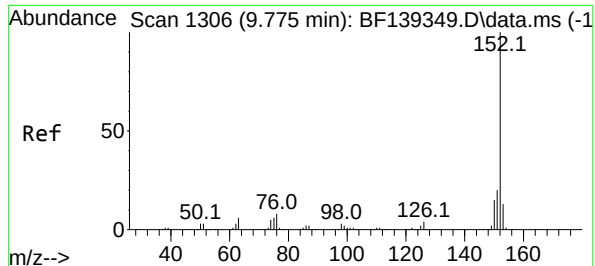
Ion Ratio Lower Upper

65 100

92 60.8 50.3 75.5

138 86.4 71.3 106.9





#49

Acenaphthylene

Concen: 78.947 ng

RT: 9.780 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:152 Resp: 868138

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

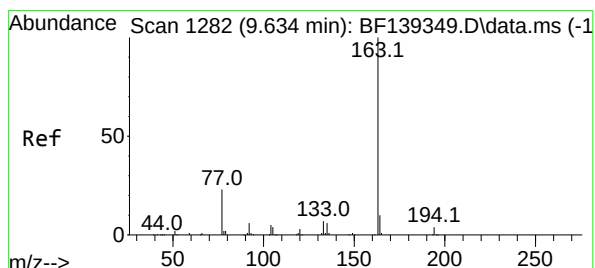
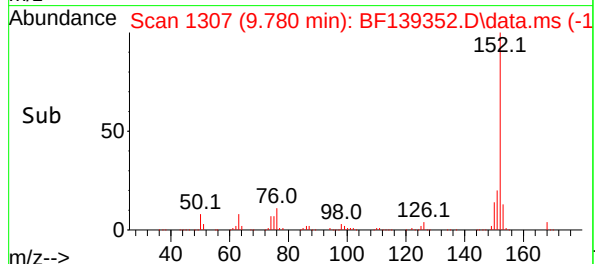
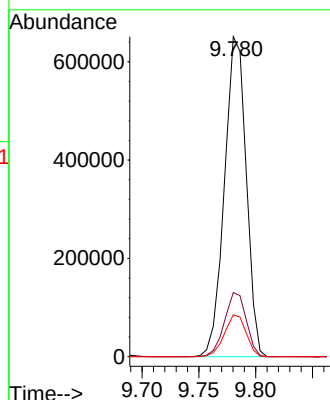
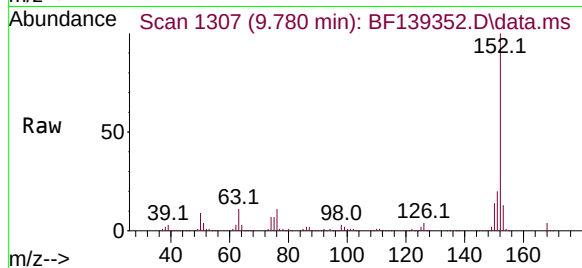
153 13.1 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#50

Dimethylphthalate

Concen: 78.326 ng

RT: 9.651 min Scan# 1285

Delta R.T. 0.017 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

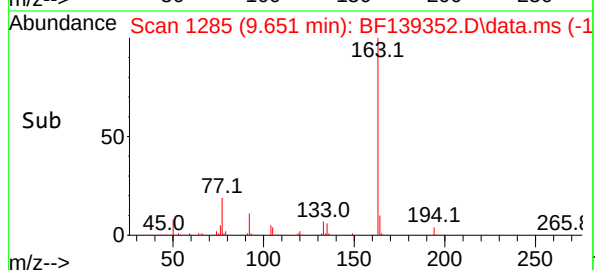
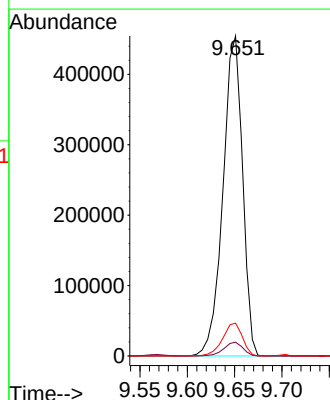
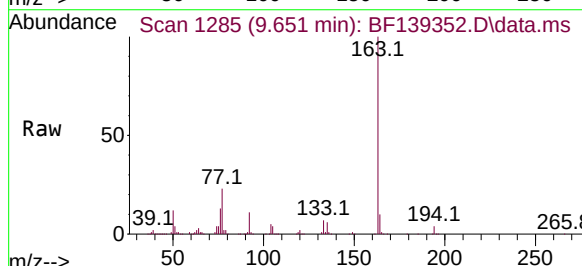
Tgt Ion:163 Resp: 652879

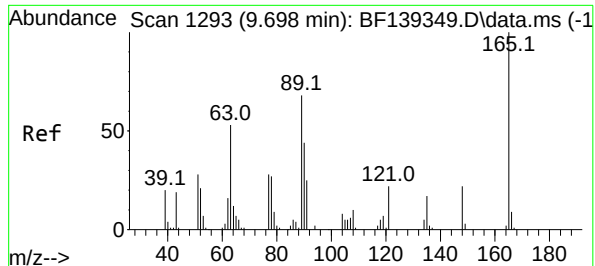
Ion Ratio Lower Upper

163 100

194 4.3 3.1 4.7

164 10.2 8.2 12.2





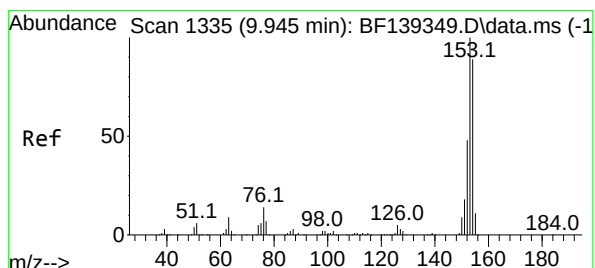
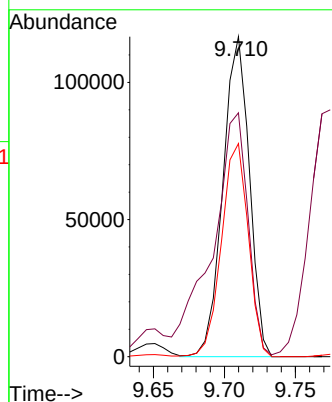
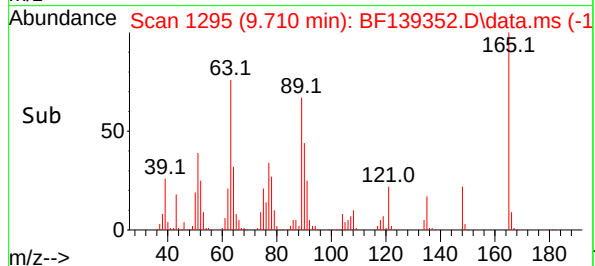
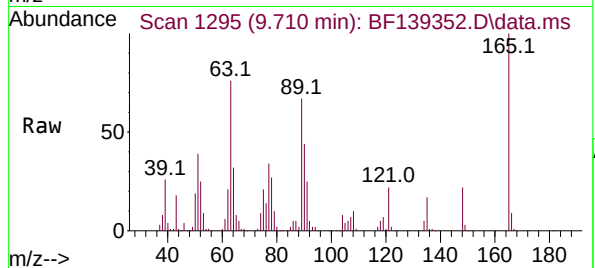
#51
2,6-Dinitrotoluene
Concen: 81.625 ng
RT: 9.710 min Scan# 1293
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 150724
Ion Ratio Lower Upper
165 100
63 76.2 60.9 91.3
89 66.6 54.7 82.1

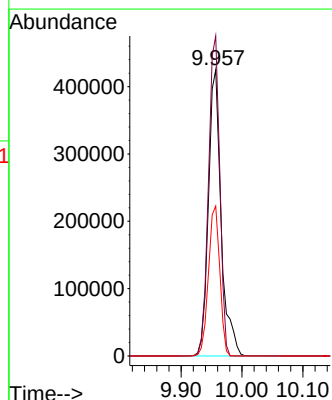
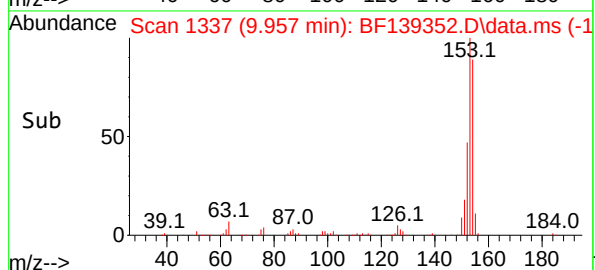
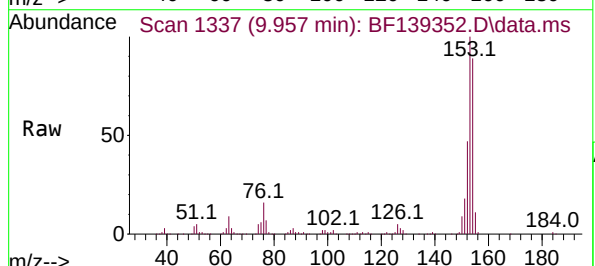
Manual Integrations
APPROVED

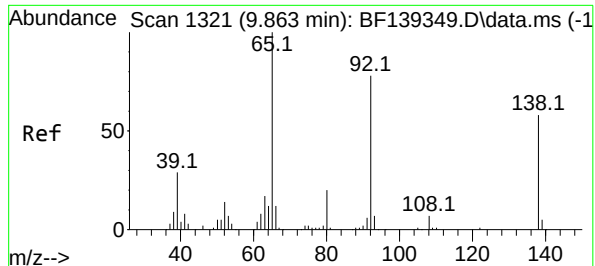
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#52
Acenaphthene
Concen: 80.396 ng
RT: 9.957 min Scan# 1337
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:154 Resp: 617018
Ion Ratio Lower Upper
154 100
153 111.8 89.5 134.3
152 52.4 42.6 64.0





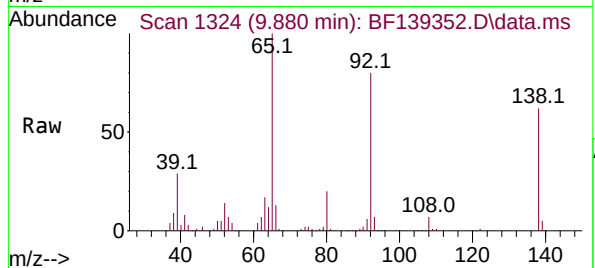
#53
3-Nitroaniline
Concen: 73.235 ng
RT: 9.880 min Scan# 1321
Delta R.T. 0.017 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

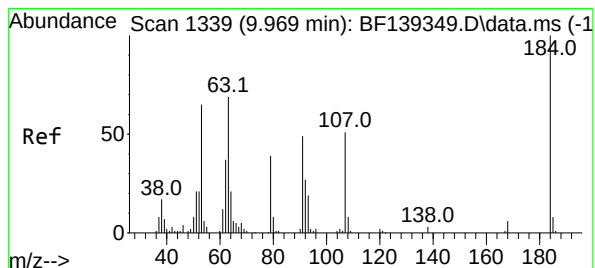
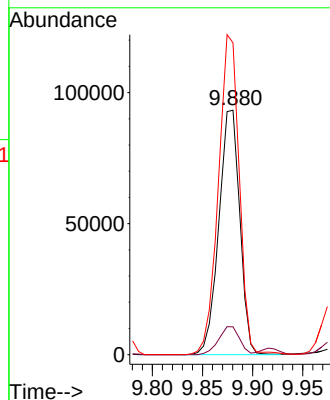
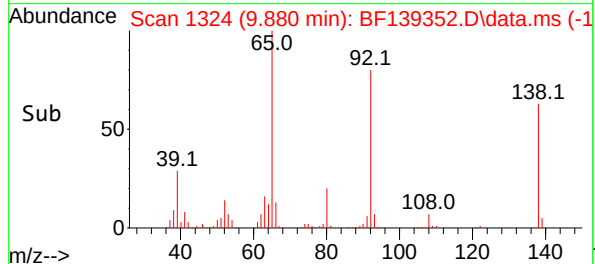


Tgt Ion:138 Resp: 13514
Ion Ratio Lower Upper
138 100
108 11.4 9.8 14.8
92 127.6 107.4 161.2

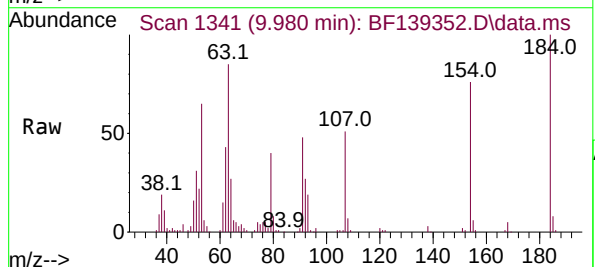
Manual Integrations

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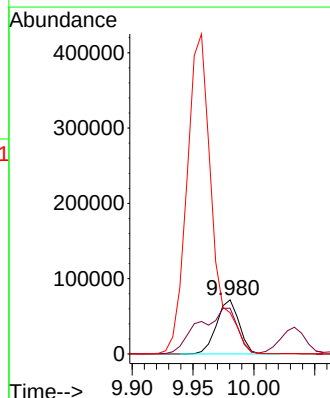
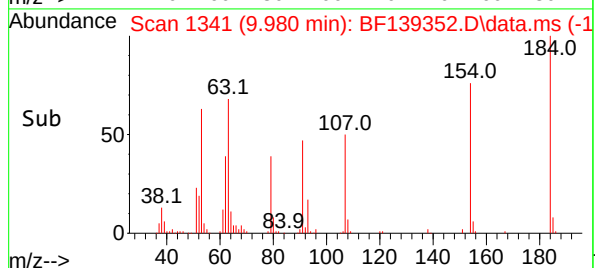
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

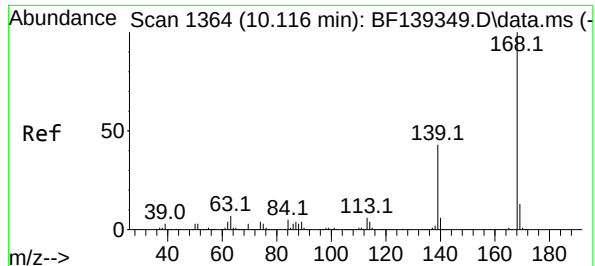


#54
2,4-Dinitrophenol
Concen: 95.931 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44



Tgt Ion:184 Resp: 92861
Ion Ratio Lower Upper
184 100
63 84.7 69.3 103.9
154 76.1 67.5 101.3





#55

Dibenzenofuran

Concen: 77.658 ng

RT: 10.127 min Scan# 1366

Delta R.T. 0.012 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:168 Resp: 830718

Ion Ratio Lower Upper

168 100

139 40.7 34.1 51.1

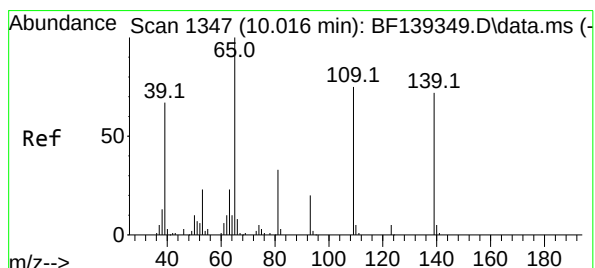
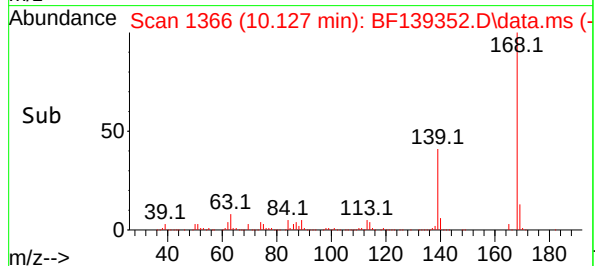
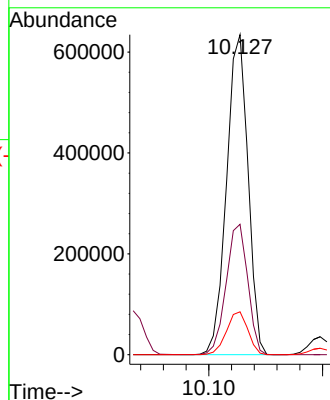
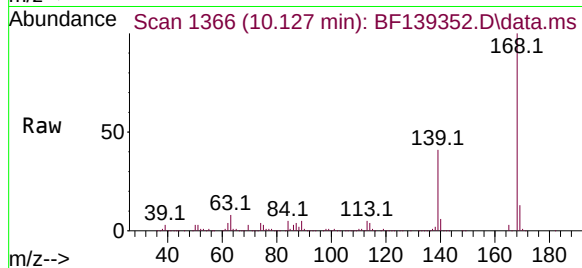
169 13.4 10.5 15.7

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APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#56

4-Nitrophenol

Concen: 79.034 ng

RT: 10.033 min Scan# 1350

Delta R.T. 0.017 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

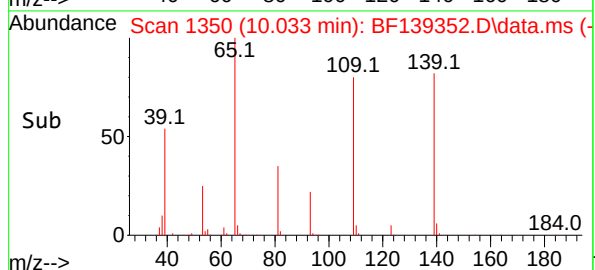
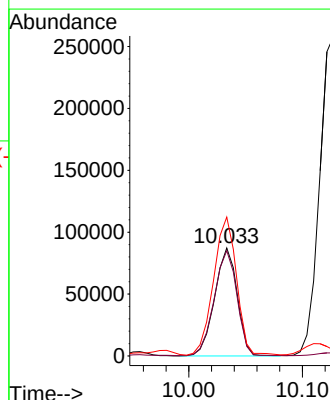
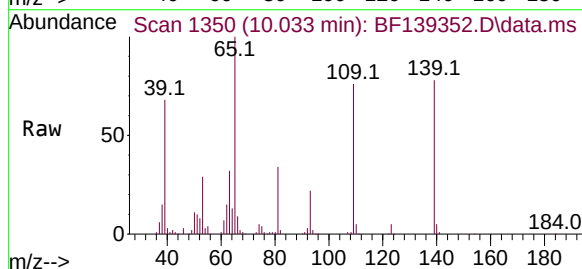
Tgt Ion:139 Resp: 120683

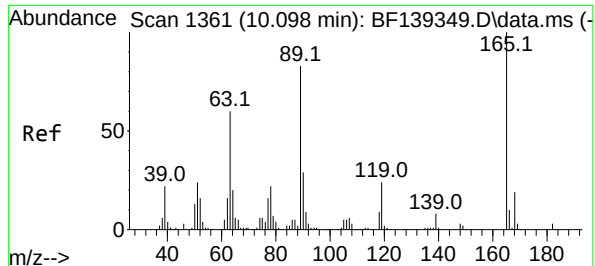
Ion Ratio Lower Upper

139 100

109 97.6 84.1 124.1

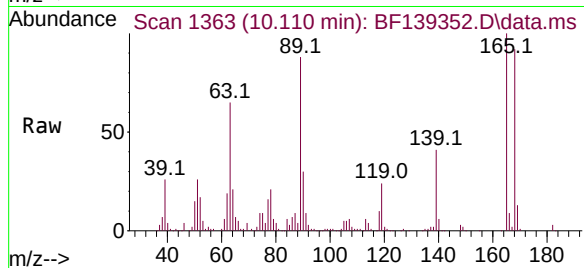
65 128.6 120.0 160.0





#57
2,4-Dinitrotoluene
Concen: 81.422 ng
RT: 10.110 min Scan# 1361
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

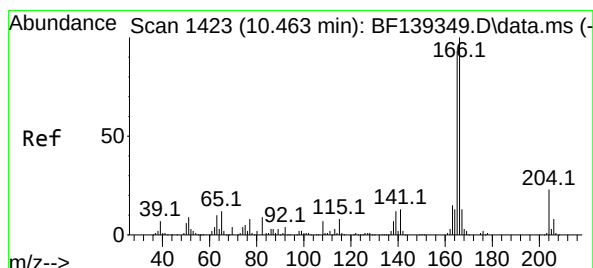
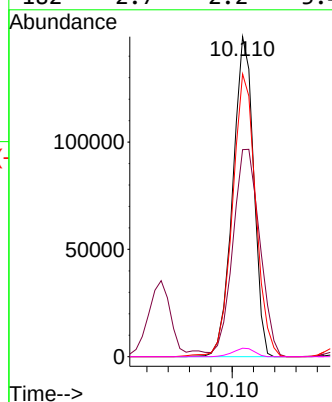
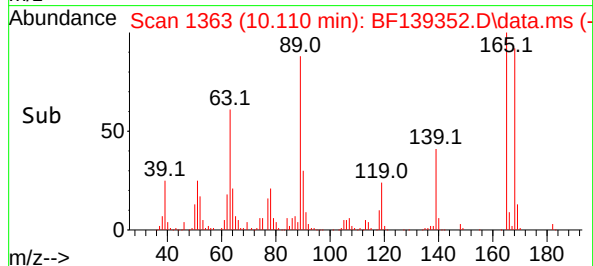
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:165 Resp: 202984
Ion Ratio Lower Upper
165 100
63 64.7 47.8 71.6
89 88.4 66.7 100.1
182 2.7 2.2 3.4

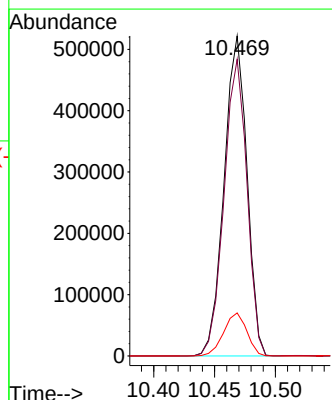
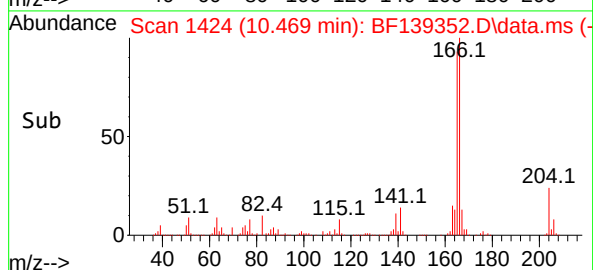
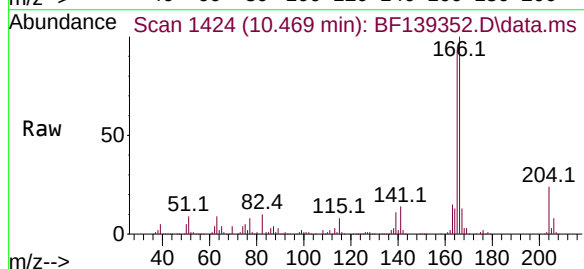
Manual Integrations
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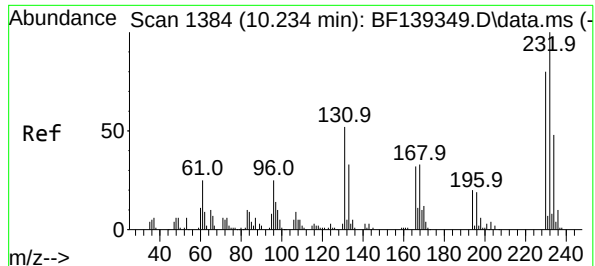
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#58
Fluorene
Concen: 78.266 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

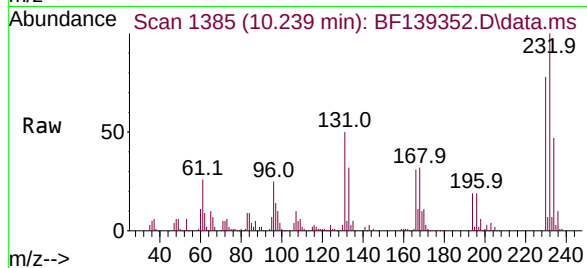
Tgt Ion:166 Resp: 683097
Ion Ratio Lower Upper
166 100
165 92.7 74.5 111.7
167 13.5 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 78.199 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

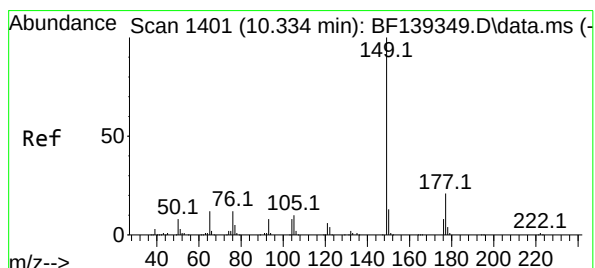
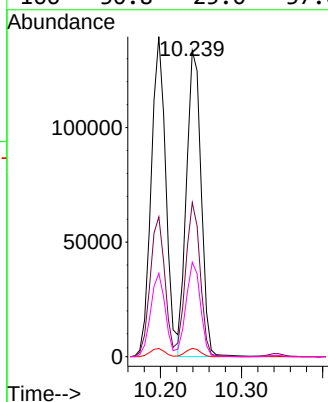
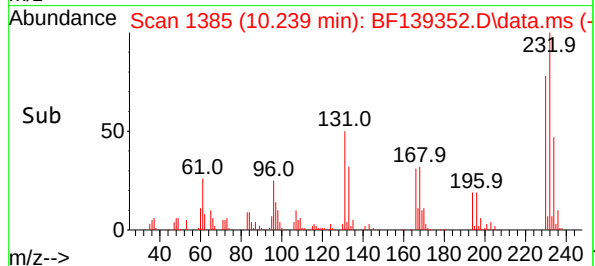
Instrument :
BNA_F
Client SampleId :
SSTDICC080



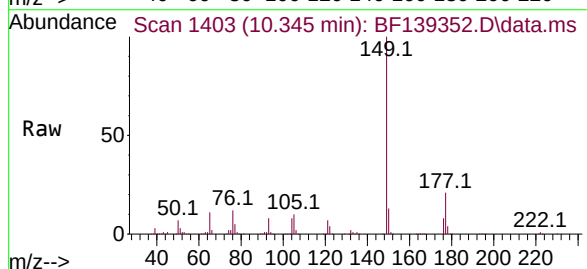
Tgt Ion:232 Resp: 167088
Ion Ratio Lower Upper
232 100
131 50.4 40.7 61.1
130 2.7 2.2 3.2
166 30.8 25.0 37.6

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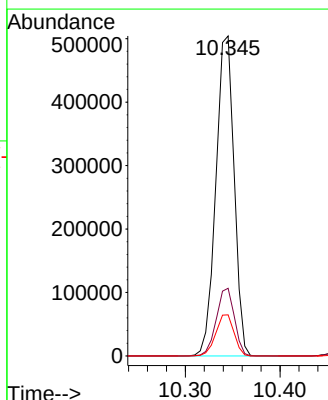
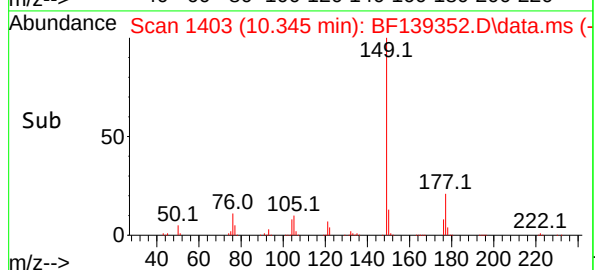
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

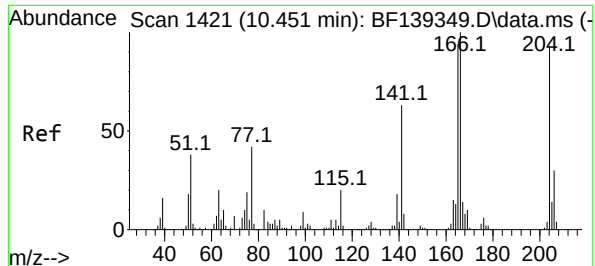


#60
Diethylphthalate
Concen: 78.664 ng
RT: 10.345 min Scan# 1403
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44



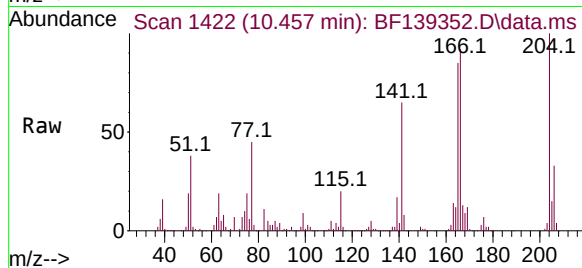
Tgt Ion:149 Resp: 676646
Ion Ratio Lower Upper
149 100
177 21.2 16.6 24.8
150 12.9 10.6 15.8





#61
4-Chlorophenyl-phenylether
Concen: 79.499 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

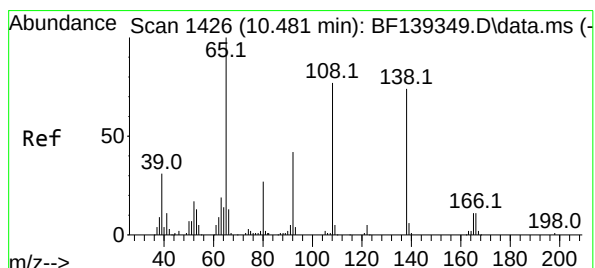
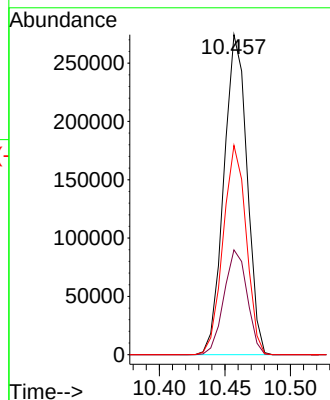
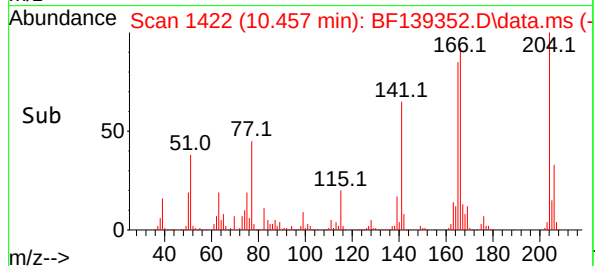
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:204 Resp: 337209
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 65.4 53.9 80.9

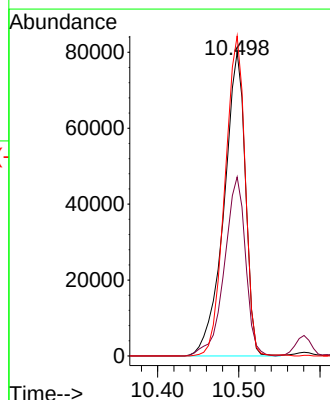
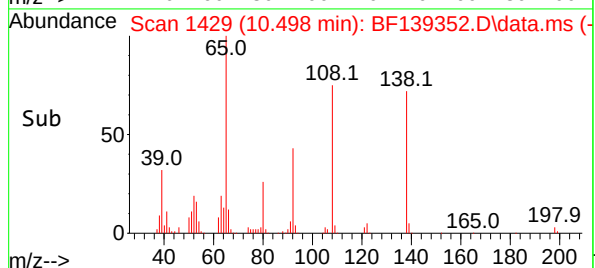
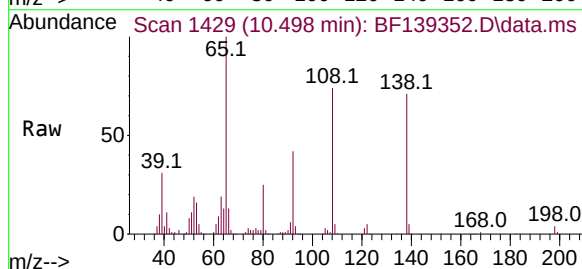
Manual Integrations
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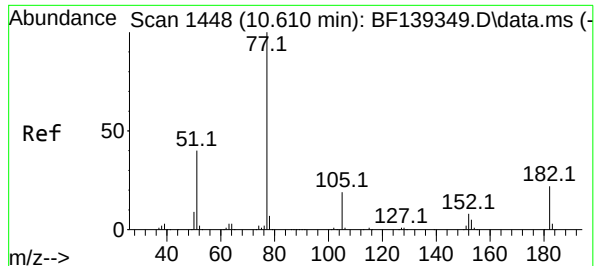
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#62
4-Nitroaniline
Concen: 72.852 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.017 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:138 Resp: 146728
Ion Ratio Lower Upper
138 100
92 58.9 37.0 77.0
108 105.3 84.4 124.4





#63
Azobenzene
Concen: 78.600 ng
RT: 10.622 min Scan# 1448
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

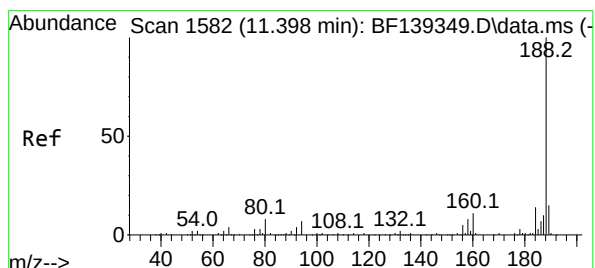
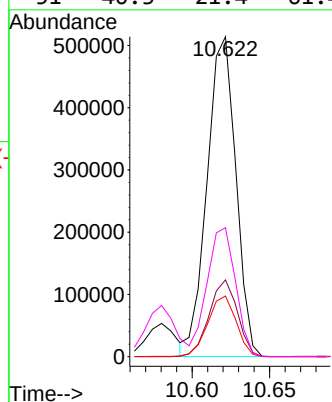
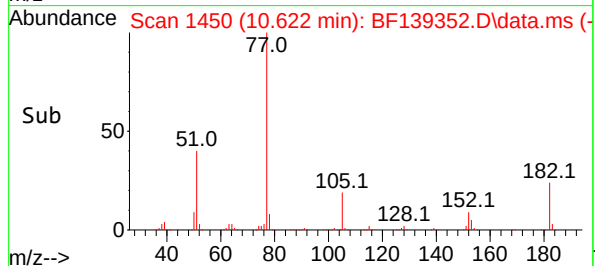
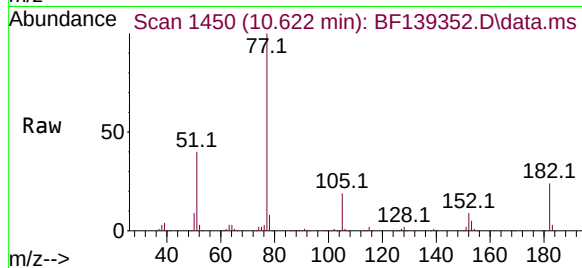
ClientSampleId :

SSTDICC080

Tgt Ion: 77 Resp: 66498
Ion Ratio Lower Upper
77 100
182 24.0 1.8 41.8
105 18.9 0.0 38.6
51 40.3 21.4 61.4

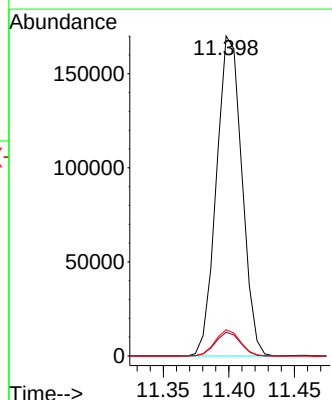
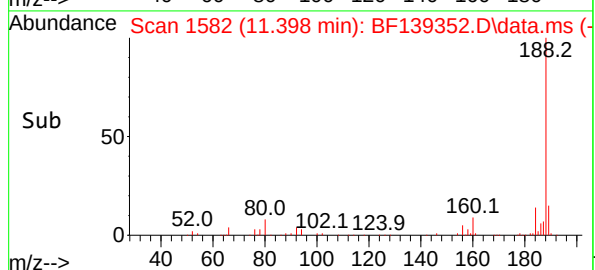
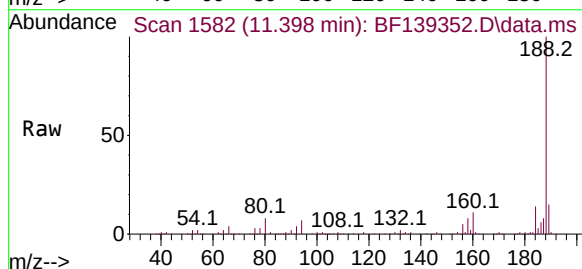
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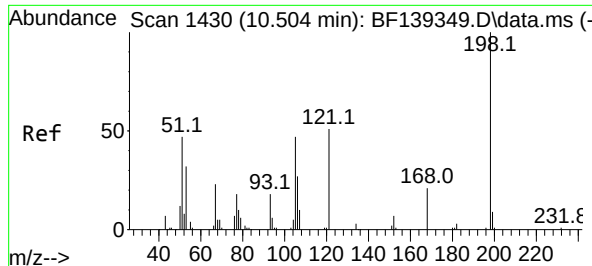
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

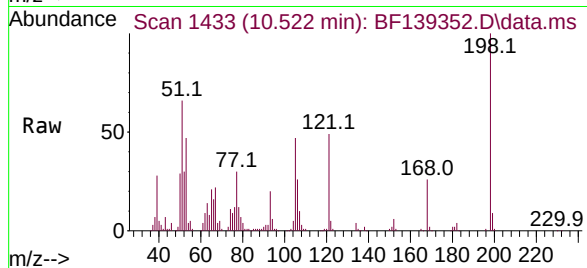
Tgt Ion:188 Resp: 229453
Ion Ratio Lower Upper
188 100
94 7.4 5.5 8.3
80 8.2 6.6 9.8





#65
4,6-Dinitro-2-methylphenol
Concen: 90.485 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.017 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

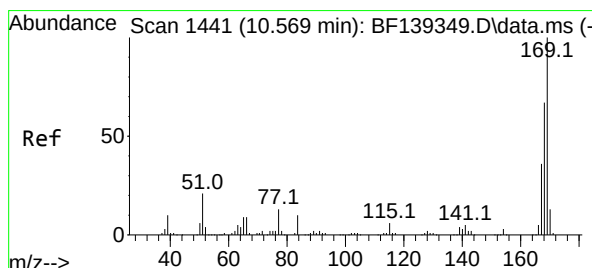
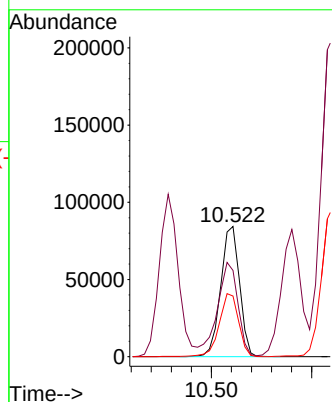
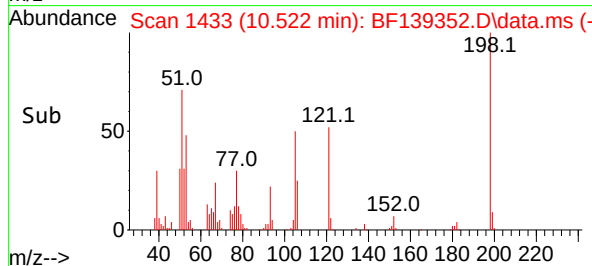
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



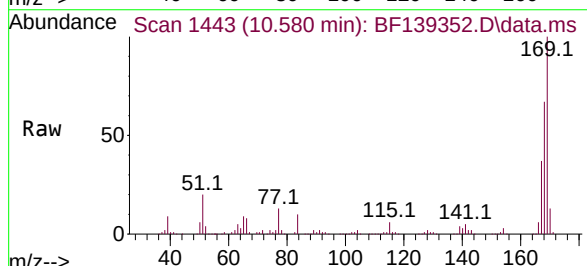
Tgt Ion:198 Resp: 109579
Ion Ratio Lower Upper
198 100
51 66.2 50.4 90.4
105 46.6 28.3 68.3

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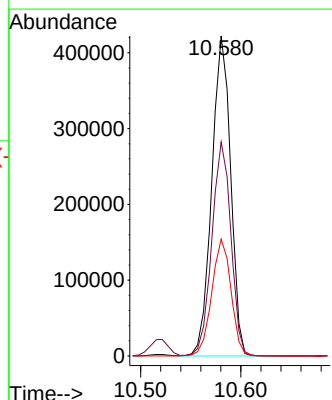
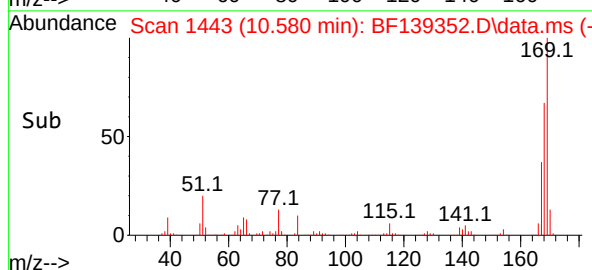
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

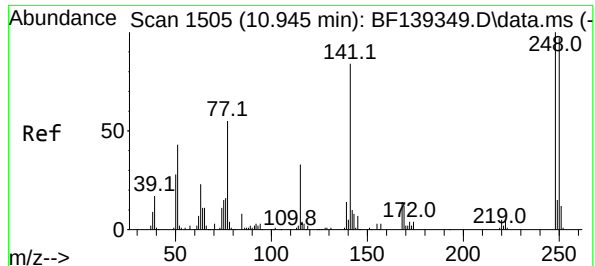


#66
n-Nitrosodiphenylamine
Concen: 82.225 ng
RT: 10.580 min Scan# 1443
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44



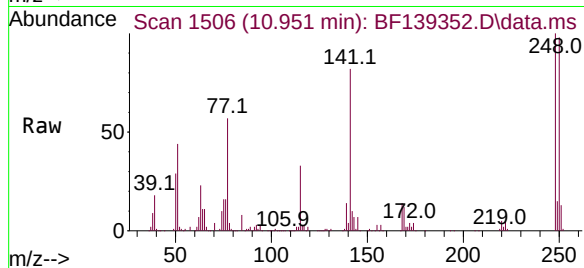
Tgt Ion:169 Resp: 551600
Ion Ratio Lower Upper
169 100
168 66.9 53.6 80.4
167 36.5 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 83.184 ng
RT: 10.951 min Scan# 1506
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

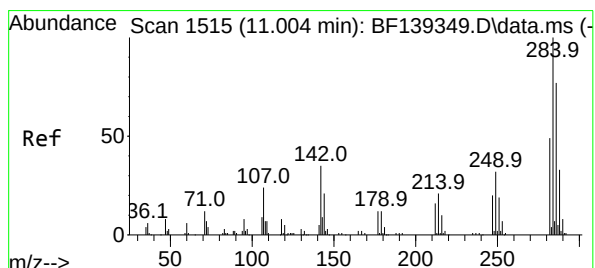
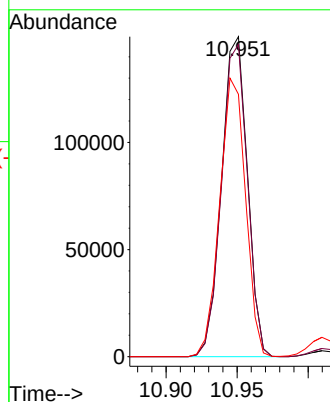
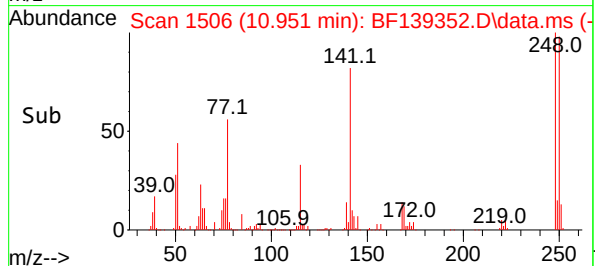
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



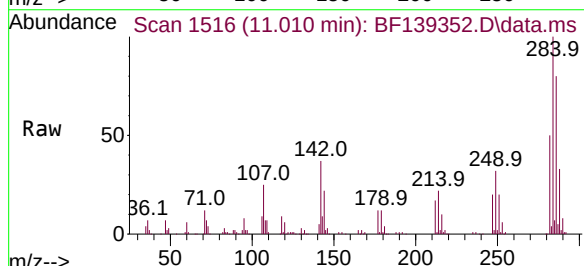
Tgt Ion:248 Resp: 189144
Ion Ratio Lower Upper
248 100
250 97.6 77.6 116.4
141 82.0 66.9 100.3

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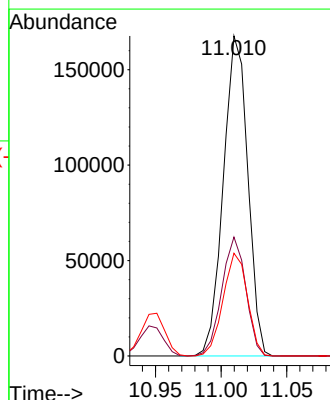
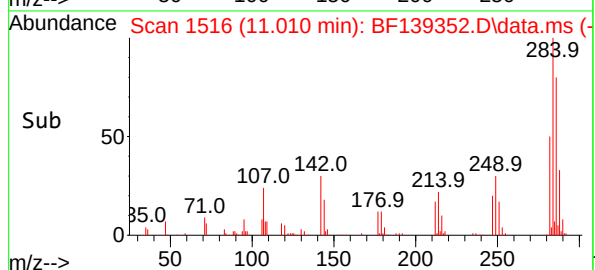
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

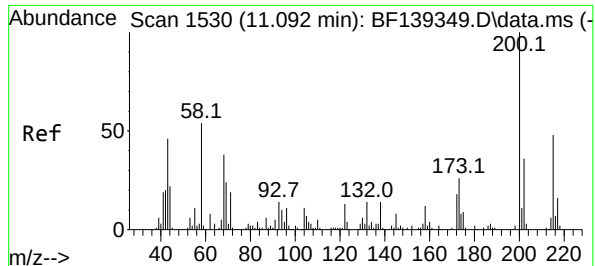


#68
Hexachlorobenzene
Concen: 81.487 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44



Tgt Ion:284 Resp: 217457
Ion Ratio Lower Upper
284 100
142 37.1 28.0 42.0
249 32.1 25.3 37.9





#69

Atrazine

Concen: 65.847 ng

RT: 11.104 min Scan# 1532

Delta R.T. 0.012 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:200 Resp: 10516

Ion Ratio Lower Upper

200 100

173 25.4 6.1 46.1

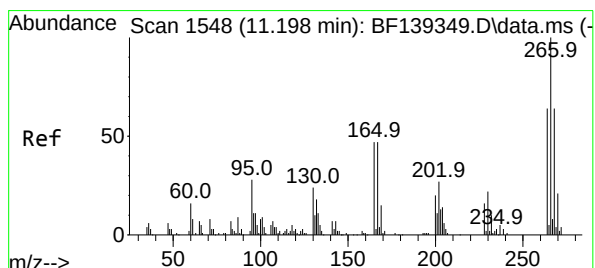
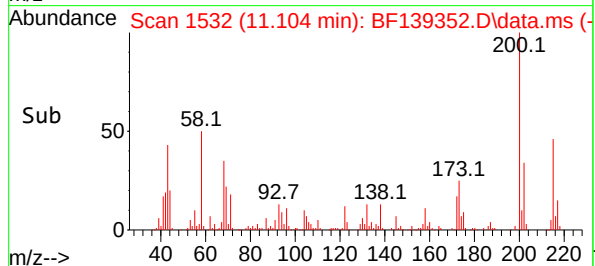
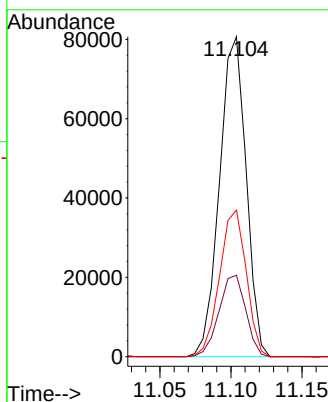
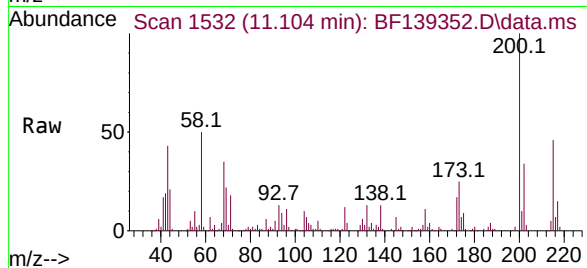
215 45.9 28.2 68.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#70

Pentachlorophenol

Concen: 82.799 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

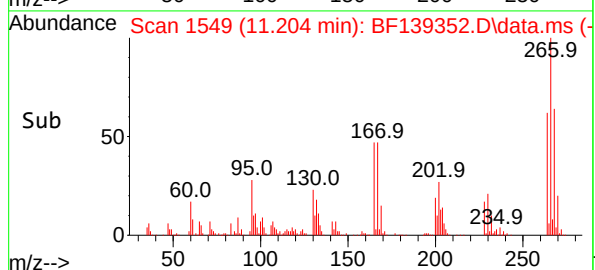
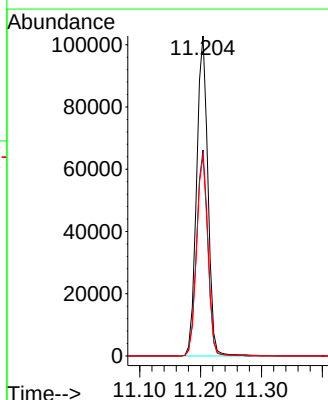
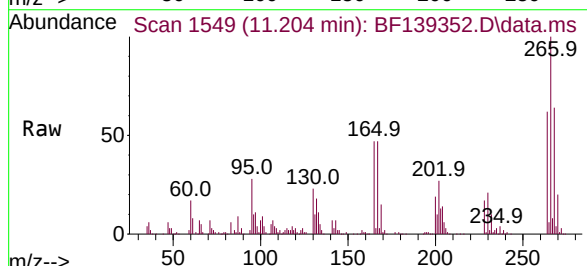
Tgt Ion:266 Resp: 132585

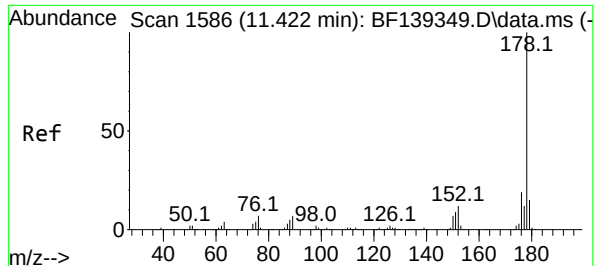
Ion Ratio Lower Upper

266 100

268 64.3 51.1 76.7

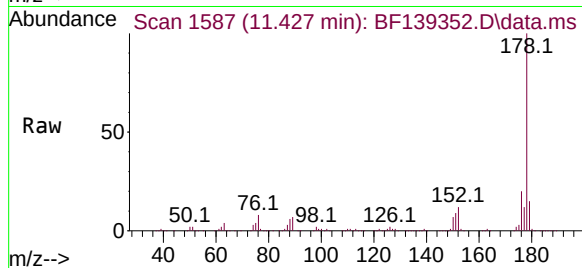
264 62.4 51.4 77.0





#71
Phenanthrene
Concen: 78.146 ng
RT: 11.427 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

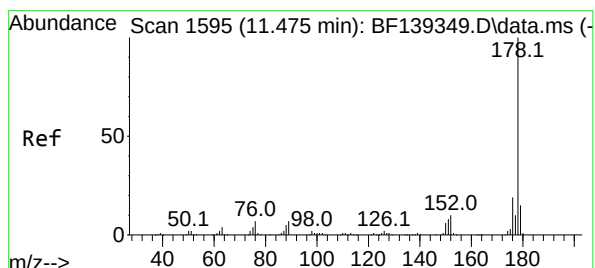
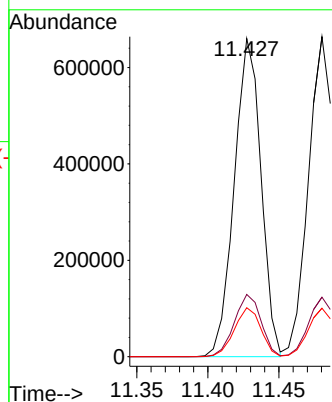
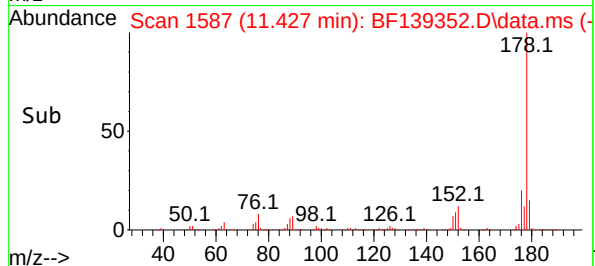
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:178 Resp: 865088
Ion Ratio Lower Upper
178 100
176 19.5 15.2 22.8
179 15.4 12.2 18.4

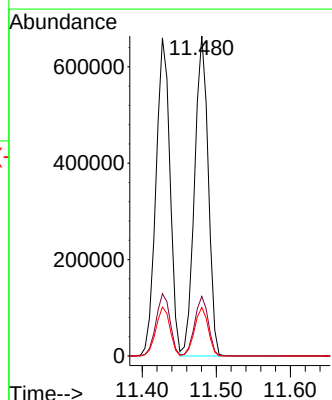
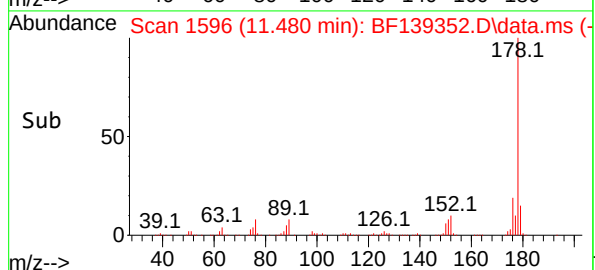
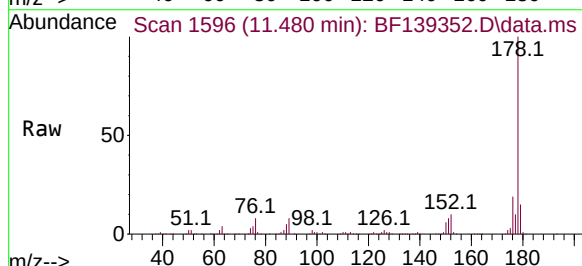
Manual Integrations
APPROVED

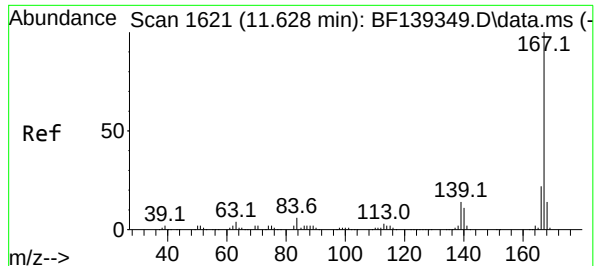
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#72
Anthracene
Concen: 78.198 ng
RT: 11.480 min Scan# 1596
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

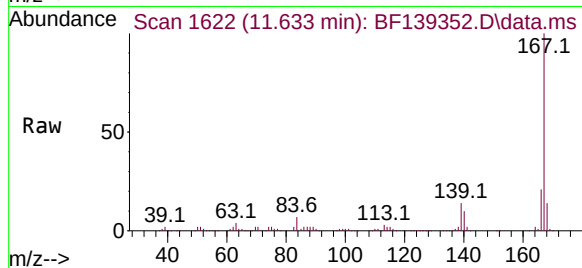
Tgt Ion:178 Resp: 846379
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.2 12.0 18.0





#73
Carbazole
Concen: 73.649 ng
RT: 11.633 min Scan# 1622
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

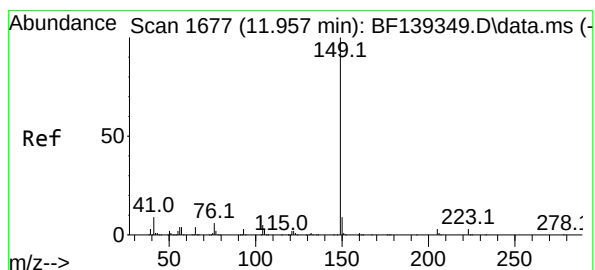
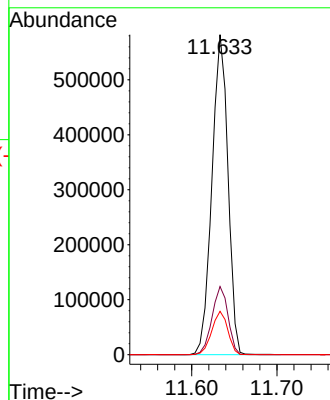
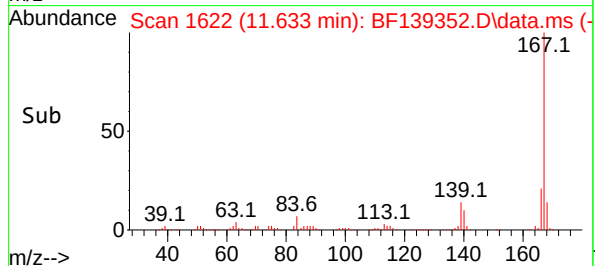
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



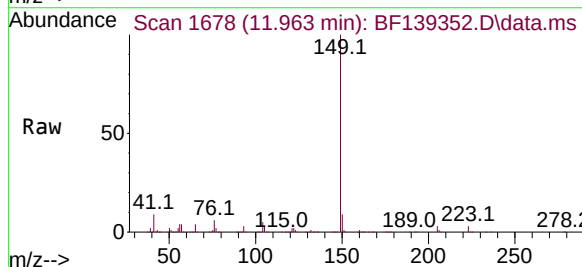
Tgt Ion:167 Resp: 762939
Ion Ratio Lower Upper
167 100
166 21.3 17.5 26.3
139 13.5 10.9 16.3

Manual Integrations
APPROVED

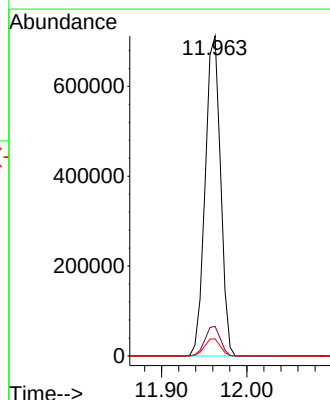
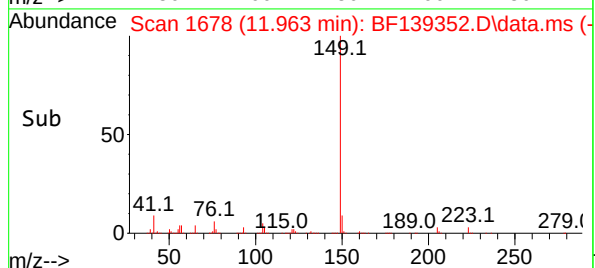
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

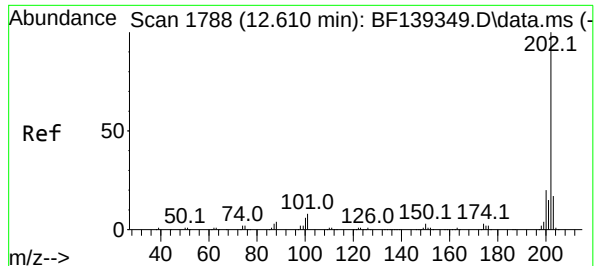


#74
Di-n-butylphthalate
Concen: 77.132 ng
RT: 11.963 min Scan# 1678
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44



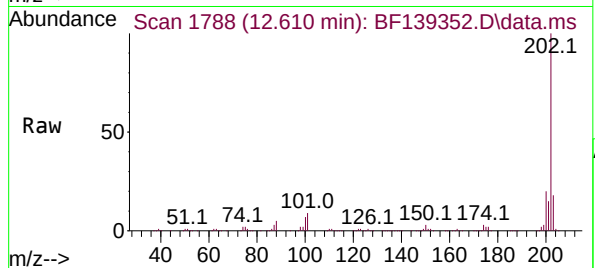
Tgt Ion:149 Resp: 890092
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 5.4 4.3 6.5





#75
Fluoranthene
Concen: 68.469 ng
RT: 12.610 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

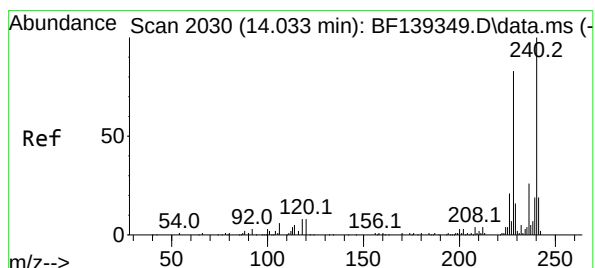
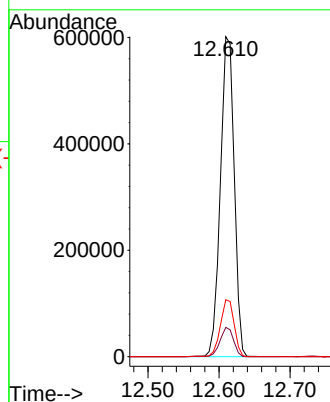
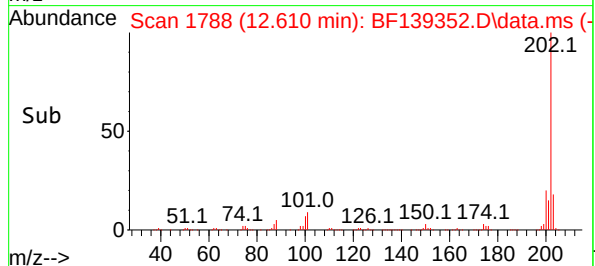
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:202 Resp: 809435
Ion Ratio Lower Upper
202 100
101 9.1 0.0 27.7
203 17.8 0.0 37.4

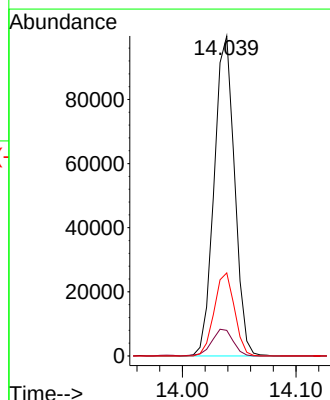
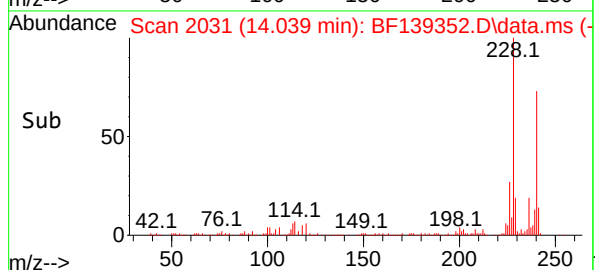
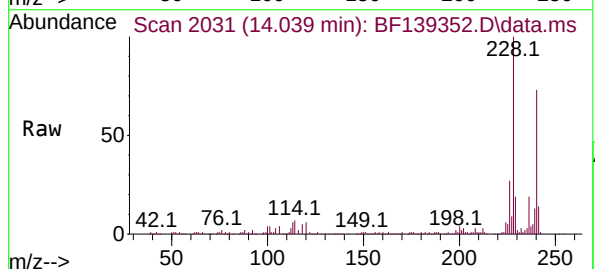
Manual Integrations
APPROVED

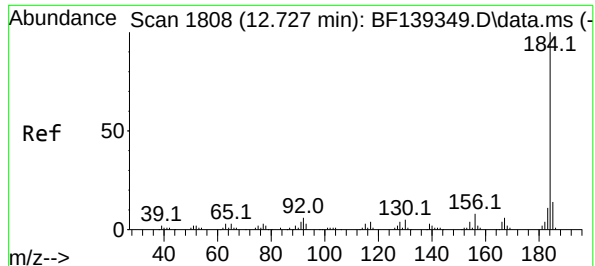
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:240 Resp: 124546
Ion Ratio Lower Upper
240 100
120 8.0 6.2 9.2
236 26.0 20.9 31.3





#77

Benzidine

Concen: 93.243 ng

RT: 12.733 min Scan# 1809

Delta R.T. 0.006 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:184 Resp: 16638

Ion Ratio Lower Upper

184 100

185 13.9 11.5 17.3

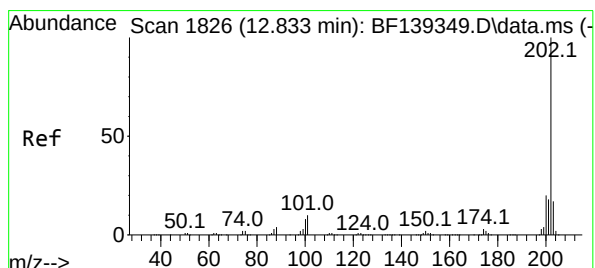
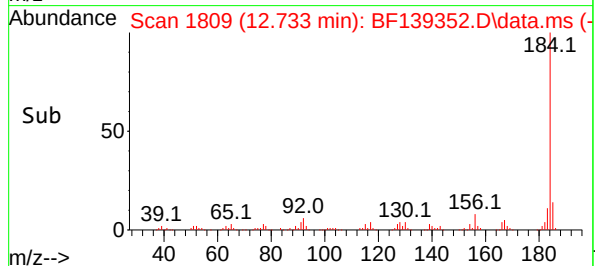
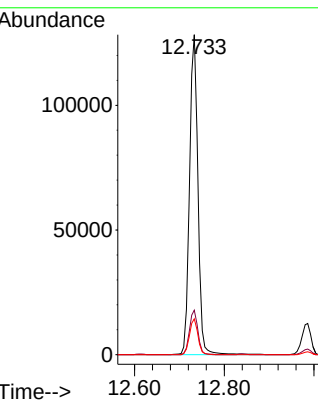
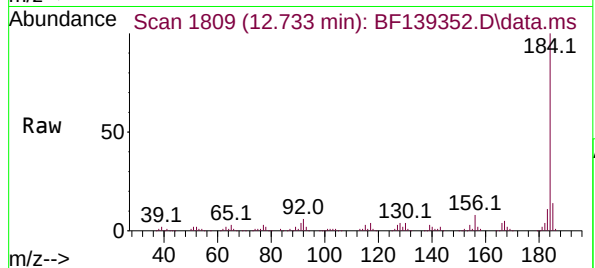
183 11.2 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#78

Pyrene

Concen: 76.737 ng

RT: 12.839 min Scan# 1827

Delta R.T. 0.006 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

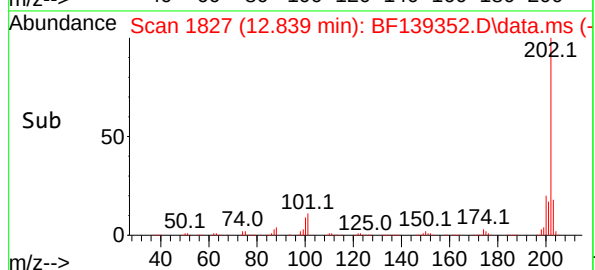
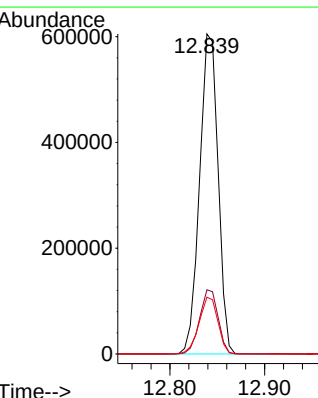
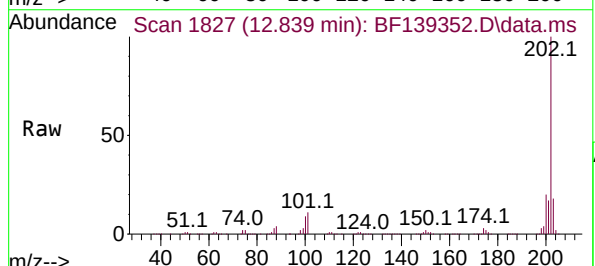
Tgt Ion:202 Resp: 820624

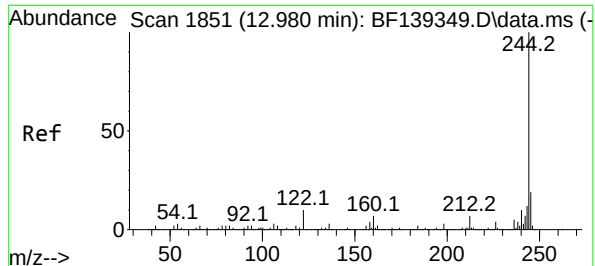
Ion Ratio Lower Upper

202 100

200 20.1 16.2 24.2

203 17.8 13.9 20.9





#79

Terphenyl-d14

Concen: 150.985 ng

RT: 12.986 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:244 Resp: 114564

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

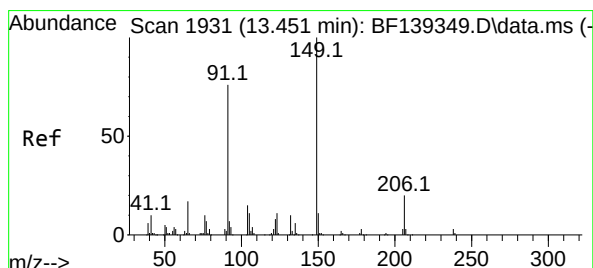
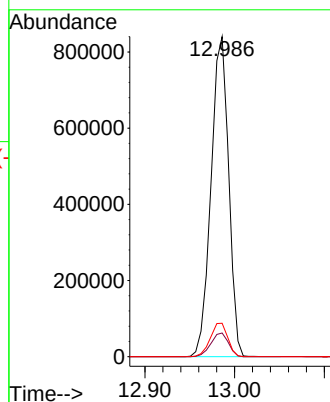
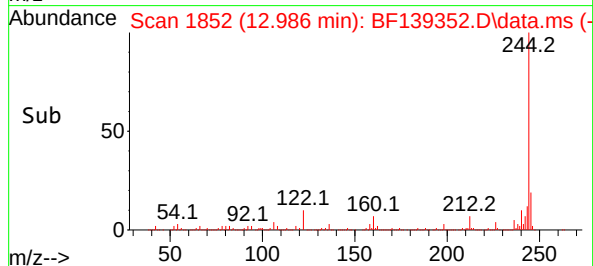
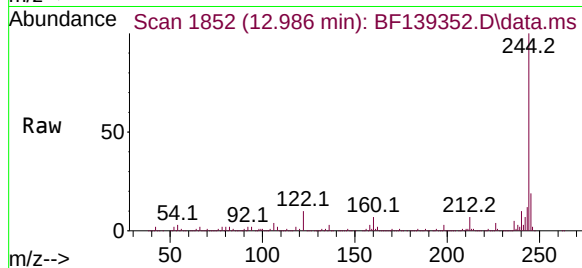
122 10.4 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#80

Butylbenzylphthalate

Concen: 79.080 ng

RT: 13.457 min Scan# 1932

Delta R.T. 0.006 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

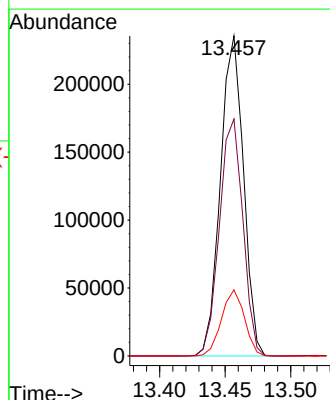
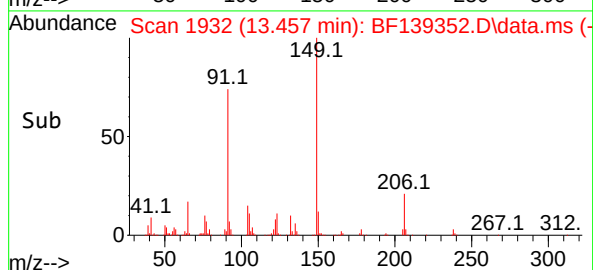
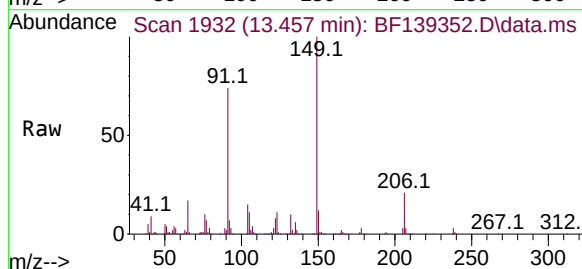
Tgt Ion:149 Resp: 287851

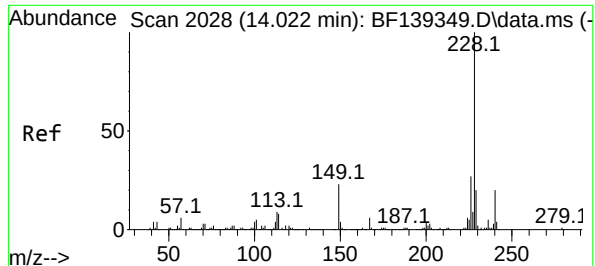
Ion Ratio Lower Upper

149 100

91 74.1 60.9 91.3

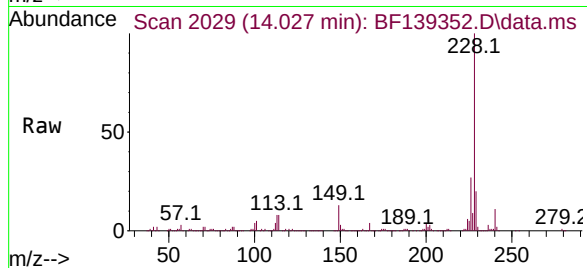
206 20.7 15.8 23.8





#81
Benzo(a)anthracene
Concen: 79.532 ng
RT: 14.027 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

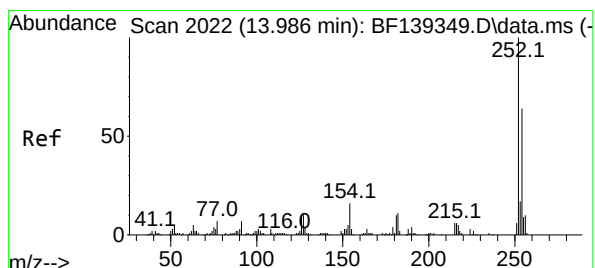
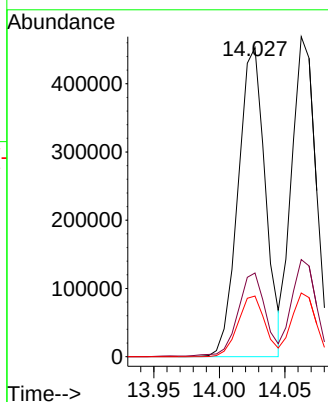
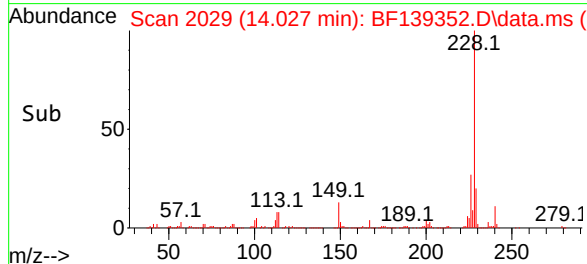
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



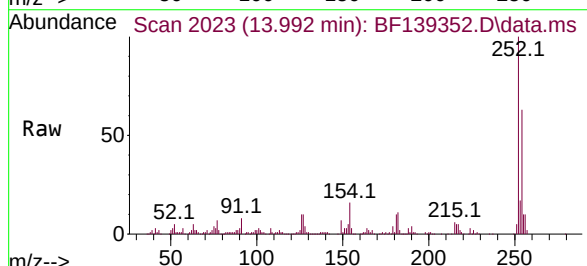
Tgt Ion:228 Resp: 656134
Ion Ratio Lower Upper
228 100
226 27.1 21.6 32.4
229 19.6 15.7 23.5

Manual Integrations
APPROVED

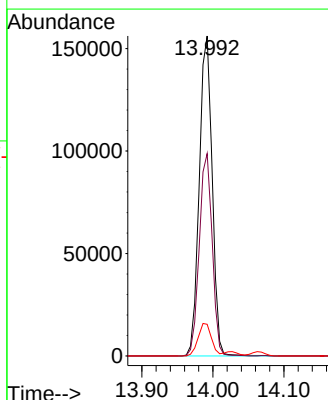
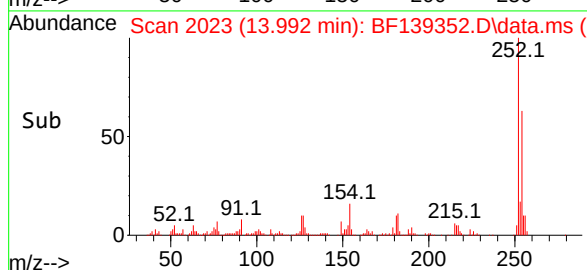
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

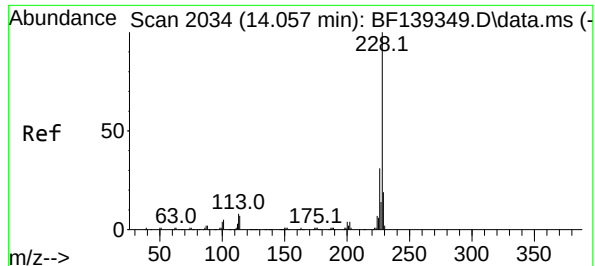


#82
3,3'-Dichlorobenzidine
Concen: 81.940 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44



Tgt Ion:252 Resp: 197966
Ion Ratio Lower Upper
252 100
254 63.2 51.4 77.2
126 9.9 7.7 11.5





#83

Chrysene

Concen: 79.146 ng

RT: 14.062 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:228 Resp: 600714

Ion Ratio Lower Upper

228 100

226 30.4 24.1 36.1

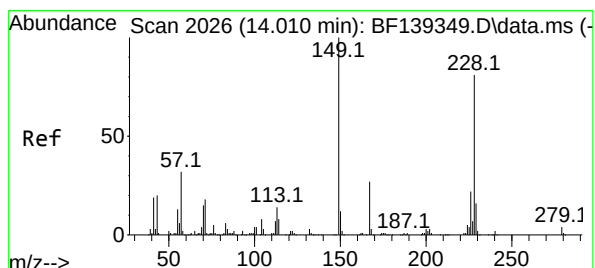
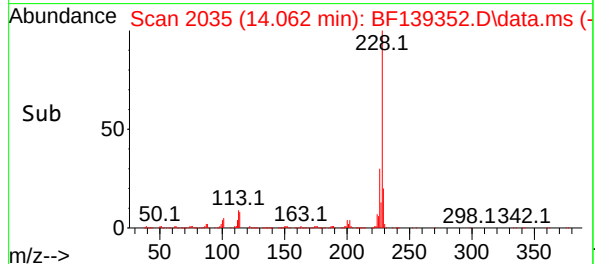
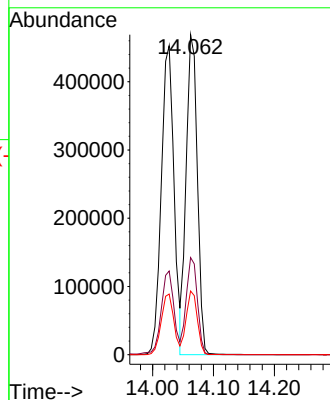
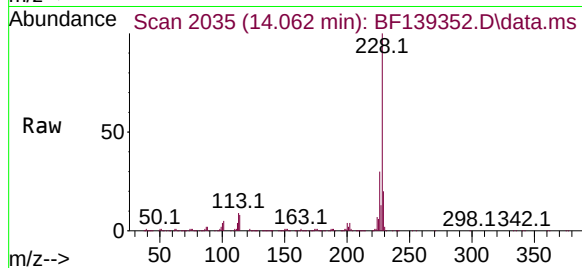
229 19.9 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 79.454 ng

RT: 14.015 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

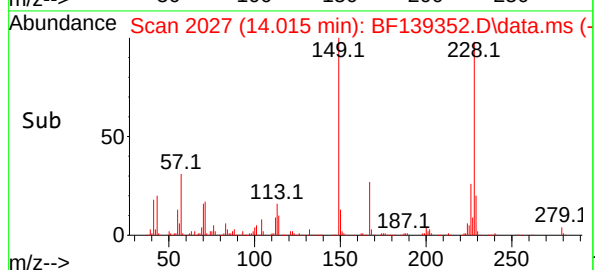
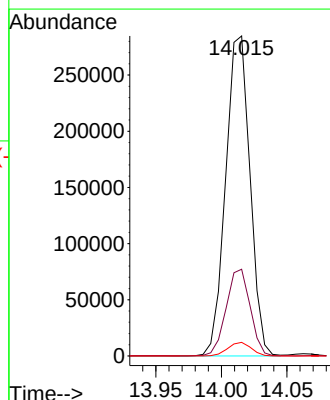
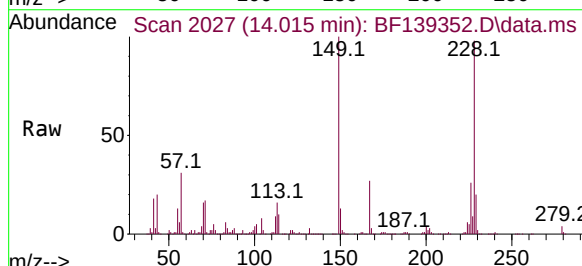
Tgt Ion:149 Resp: 367918

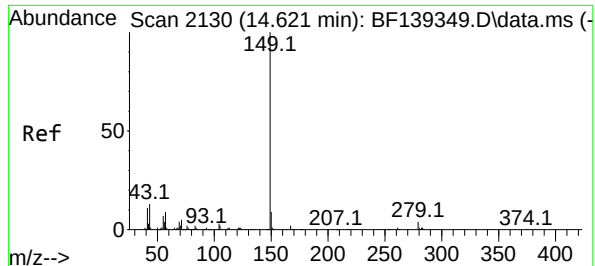
Ion Ratio Lower Upper

149 100

167 27.1 21.6 32.4

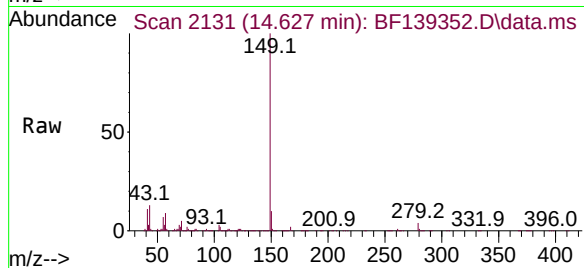
279 4.2 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 89.860 ng
RT: 14.627 min Scan# 2130
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

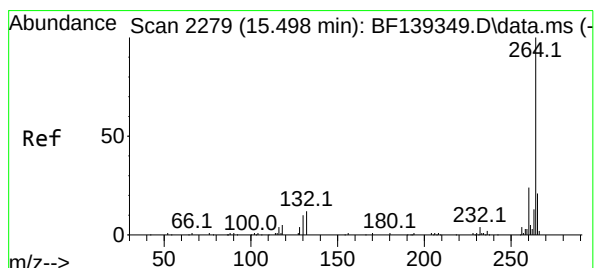
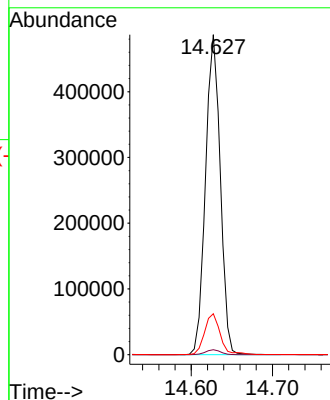
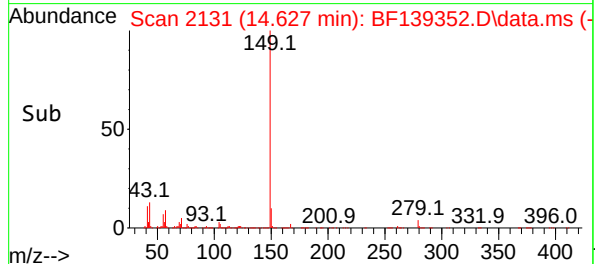
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 61279
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 13.8 10.6 16.0

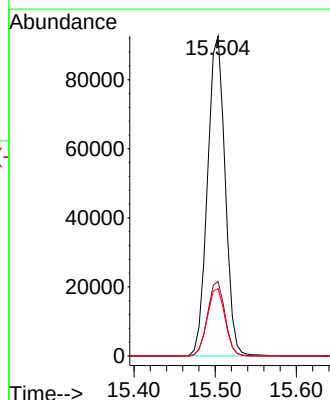
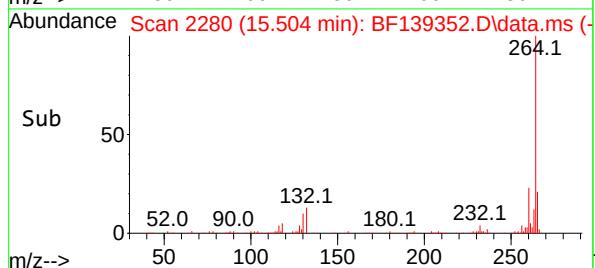
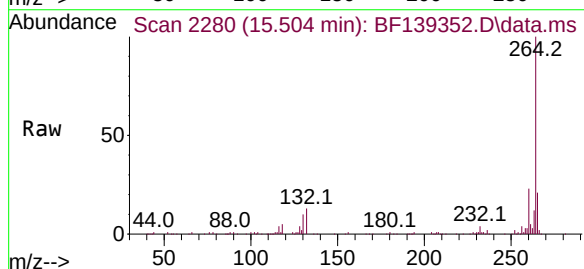
Manual Integrations
APPROVED

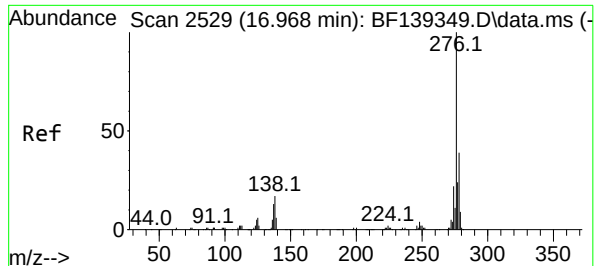
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:264 Resp: 139312
Ion Ratio Lower Upper
264 100
260 23.2 19.5 29.3
265 21.0 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 83.439 ng

RT: 16.986 min Scan# 21

Delta R.T. 0.017 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:276 Resp: 691200

Ion Ratio Lower Upper

276 100

138 20.2 15.4 23.2

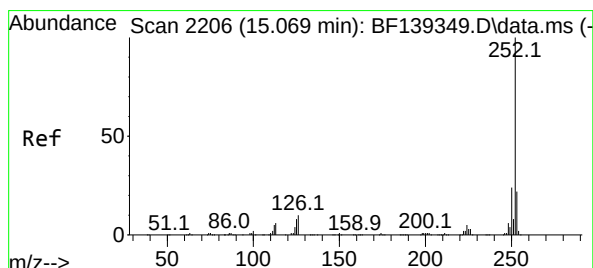
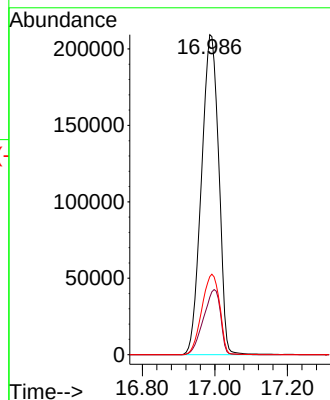
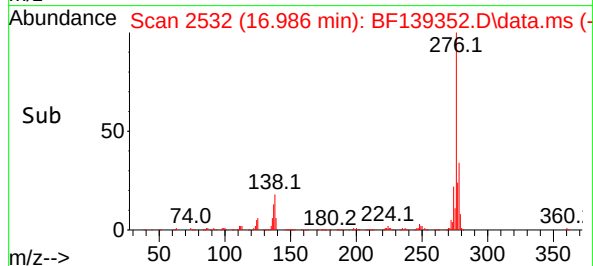
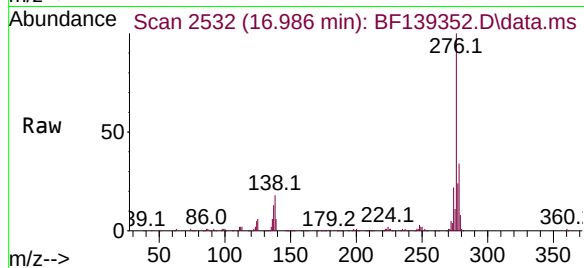
277 26.0 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#88

Benzo(b)fluoranthene

Concen: 77.990 ng

RT: 15.080 min Scan# 2208

Delta R.T. 0.012 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

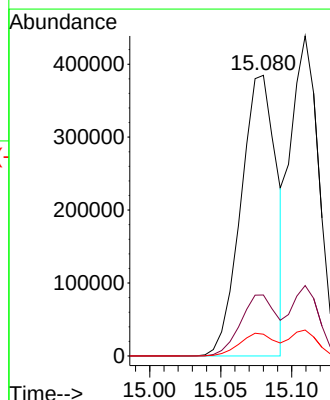
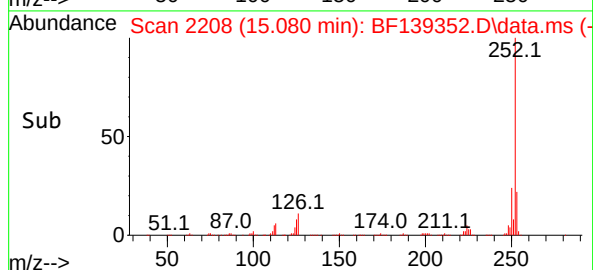
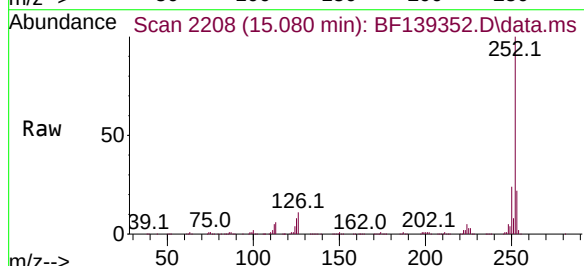
Tgt Ion:252 Resp: 670084

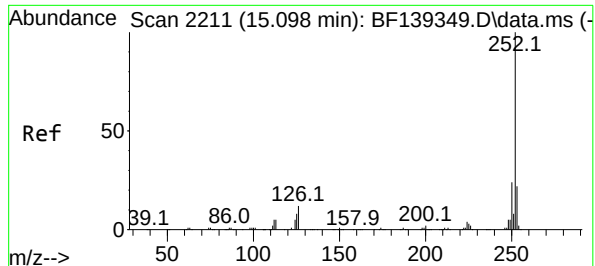
Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 7.7 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 75.894 ng

RT: 15.109 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 601230

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

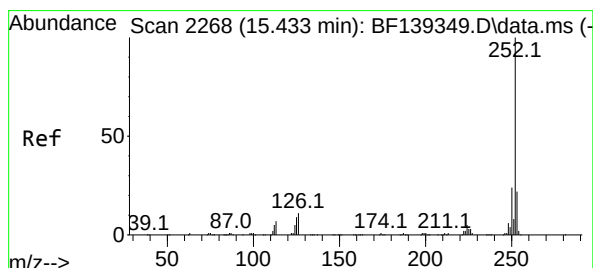
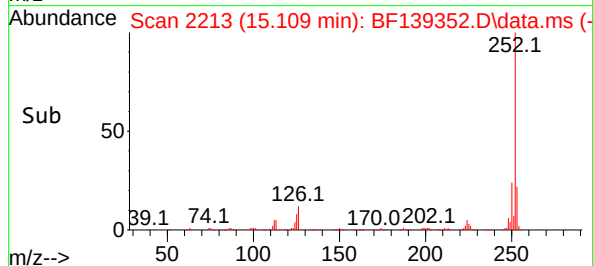
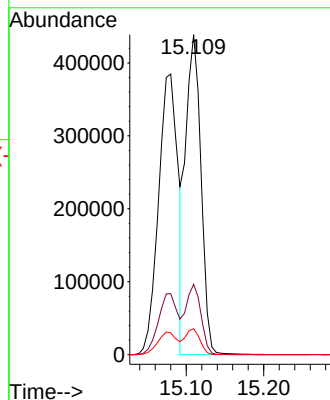
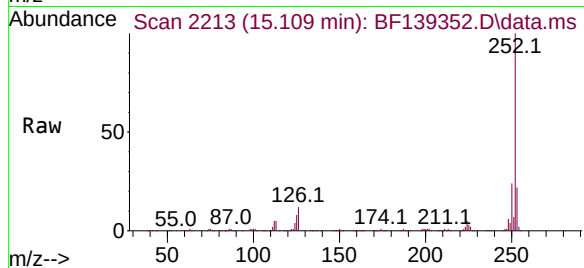
125 8.1 5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#90

Benzo(a)pyrene

Concen: 79.594 ng

RT: 15.445 min Scan# 2270

Delta R.T. 0.012 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

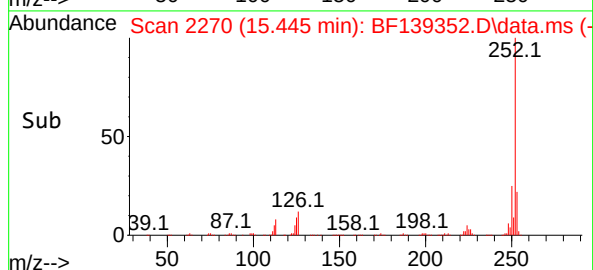
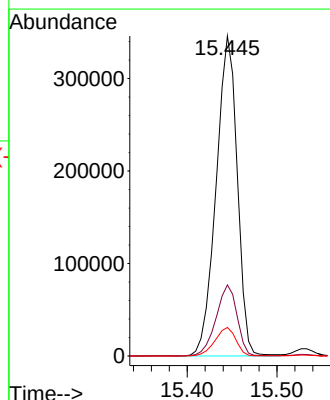
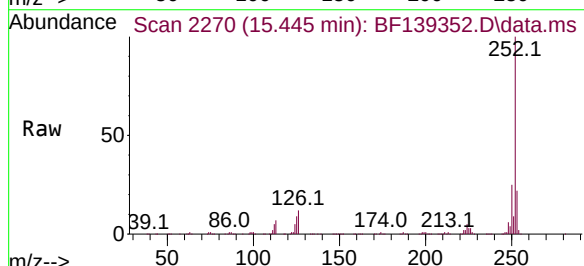
Tgt Ion:252 Resp: 567157

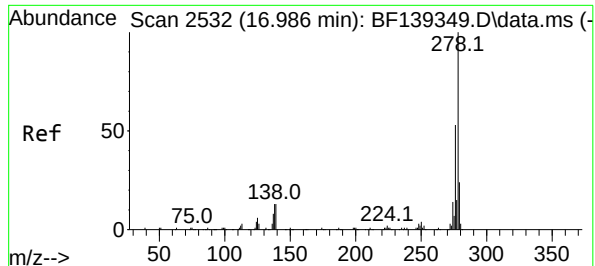
Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 8.9 6.8 10.2





#91

Dibenzo(a,h)anthracene

Concen: 84.470 ng

RT: 17.009 min Scan# 21

Delta R.T. 0.023 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:278 Resp: 578214

Ion Ratio Lower Upper

278 100

139 13.2 10.2 15.2

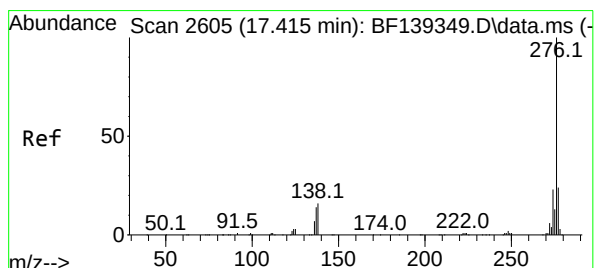
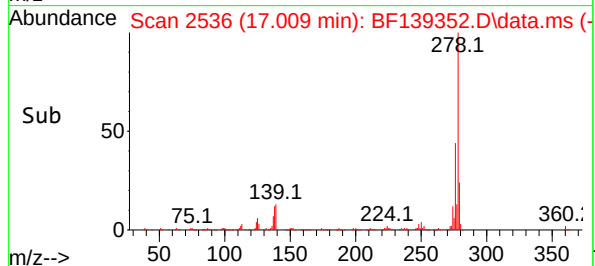
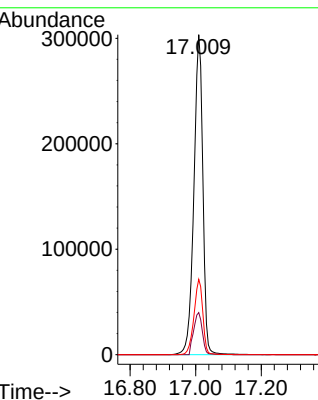
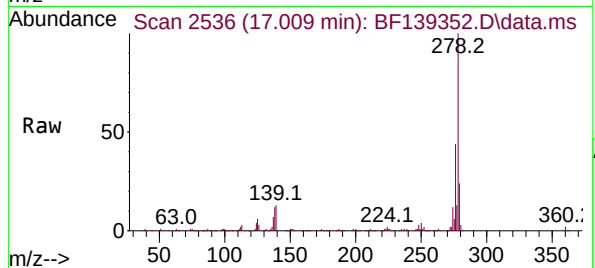
279 23.5 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#92

Benzo(g,h,i)perylene

Concen: 80.751 ng

RT: 17.439 min Scan# 2609

Delta R.T. 0.023 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

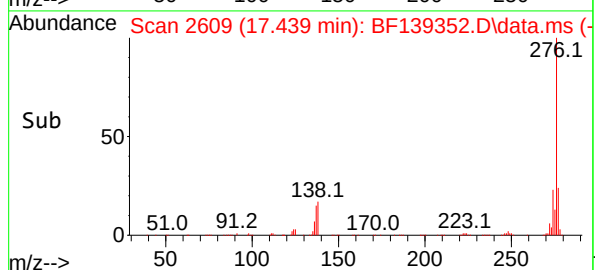
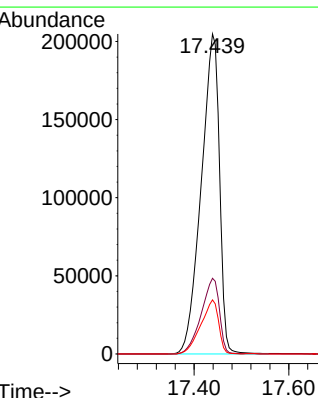
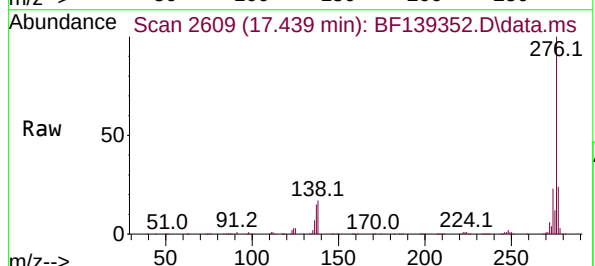
Tgt Ion:276 Resp: 547299

Ion Ratio Lower Upper

276 100

277 23.7 18.9 28.3

138 16.9 13.0 19.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
 Data File : BF139353.D
 Acq On : 13 Sep 2024 20:41
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091324

Quant Time: Sep 14 03:02:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	62446	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	224439	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	123398	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	232644	20.000	ng	0.00
76) Chrysene-d12	14.033	240	126339	20.000	ng	0.00
86) Perylene-d12	15.498	264	129089	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	308029	80.470	ng	0.00
7) Phenol-d6	6.510	99	407735	81.152	ng	0.00
23) Nitrobenzene-d5	7.445	82	402094	84.223	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	109581	83.413	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	722819	82.154	ng	0.00
79) Terphenyl-d14	12.980	244	677284	87.992	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	60123	39.149	ng	99
3) Pyridine	3.404	79	145860	43.077	ng	97
4) n-Nitrosodimethylamine	3.369	42	119146	40.597	ng	99
6) Aniline	6.545	93	169079	44.592	ng	98
8) 2-Chlorophenol	6.663	128	162520	41.245	ng	98
9) Benzaldehyde	6.428	77	123057	42.392	ng	99
10) Phenol	6.522	94	212792	41.583	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	146864	37.760	ng	98
12) 1,3-Dichlorobenzene	6.822	146	180304	40.235	ng	100
13) 1,4-Dichlorobenzene	6.898	146	182375	40.273	ng	100
14) 1,2-Dichlorobenzene	7.051	146	175523	41.020	ng	99
15) Benzyl Alcohol	7.022	79	165457	41.276	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	247051	41.216	ng	99
17) 2-Methylphenol	7.128	107	126426	40.384	ng	100
18) Hexachloroethane	7.392	117	71112	41.228	ng	100
19) n-Nitroso-di-n-propyla...	7.292	70	123157	41.364	ng	98
20) 3+4-Methylphenols	7.286	107	174364	40.824	ng	# 89
22) Acetophenone	7.292	105	241549	41.167	ng	96
24) Nitrobenzene	7.463	77	204895	41.700	ng	98
25) Isophorone	7.698	82	312264	41.358	ng	99
26) 2-Nitrophenol	7.775	139	83362	43.547	ng	99
27) 2,4-Dimethylphenol	7.810	122	105918	41.945	ng	97
28) bis(2-Chloroethoxy)met...	7.910	93	180121	41.858	ng	97
29) 2,4-Dichlorophenol	8.016	162	135162	42.134	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	154576	41.355	ng	99
31) Naphthalene	8.186	128	485689	41.452	ng	100
32) Benzoic acid	7.934	122	104770	44.336	ng	97
33) 4-Chloroaniline	8.233	127	156112	43.552	ng	100
34) Hexachlorobutadiene	8.298	225	105249	41.447	ng	99
35) Caprolactam	8.604	113	40829	41.375	ng	100
36) 4-Chloro-3-methylphenol	8.710	107	152639	41.634	ng	99
37) 2-Methylnaphthalene	8.875	142	302423	40.664	ng	100
38) 1-Methylnaphthalene	8.975	142	300045	41.093	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	152023	41.569	ng	99
41) Hexachlorocyclopentadiene	9.022	237	52287	40.948	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	99943	42.005	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
 Data File : BF139353.D
 Acq On : 13 Sep 2024 20:41
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091324

Quant Time: Sep 14 03:02:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

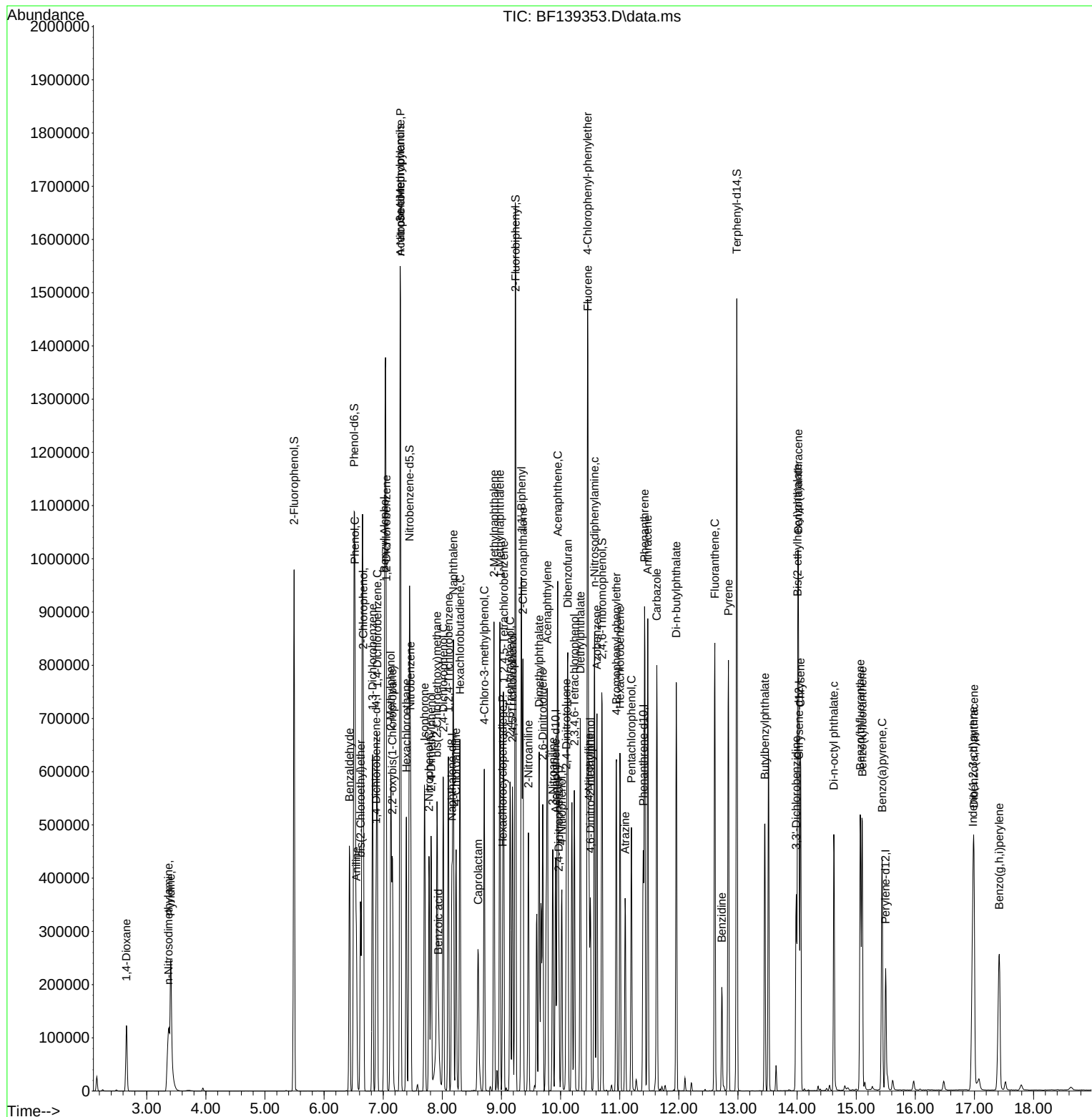
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	106352	42.375	ng	98
46) 1,1'-Biphenyl	9.339	154	389495	41.028	ng	100
47) 2-Chloronaphthalene	9.363	162	293969	41.415	ng	99
48) 2-Nitroaniline	9.457	65	112704	42.689	ng	97
49) Acenaphthylene	9.775	152	438775	41.065	ng	100
50) Dimethylphthalate	9.639	163	331392	40.917	ng	100
51) 2,6-Dinitrotoluene	9.698	165	77298	43.082	ng	99
52) Acenaphthene	9.951	154	310457	41.632	ng	99
53) 3-Nitroaniline	9.869	138	78213	43.619	ng	95
54) 2,4-Dinitrophenol	9.969	184	41262	41.271	ng	90
55) Dibenzofuran	10.122	168	428132	41.190	ng	98
56) 4-Nitrophenol	10.022	139	61840	41.679	ng	93
57) 2,4-Dinitrotoluene	10.098	165	105229	43.441	ng	99
58) Fluorene	10.463	166	352269	41.538	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	85035	40.958	ng	98
60) Diethylphthalate	10.333	149	346481	41.455	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	169915	41.227	ng	96
62) 4-Nitroaniline	10.480	138	80817	41.297	ng	98
63) Azobenzene	10.616	77	341882	41.589	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	53225	43.348	ng	98
66) n-Nitrosodiphenylamine	10.575	169	285103	41.916	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	96974	42.063	ng	100
68) Hexachlorobenzene	11.004	284	112658	41.637	ng	96
69) Atrazine	11.092	200	56838	35.101	ng	98
70) Pentachlorophenol	11.198	266	69995	43.112	ng	97
71) Phenanthrene	11.422	178	466219	41.537	ng	100
72) Anthracene	11.474	178	454834	41.446	ng	99
73) Carbazole	11.627	167	432323	41.161	ng	100
74) Di-n-butylphthalate	11.957	149	506151	43.260	ng	100
75) Fluoranthene	12.610	202	478394	39.911	ng	99
77) Benzidine	12.727	184	99376	54.902	ng	99
78) Pyrene	12.839	202	471161	43.433	ng	100
80) Butylbenzylphthalate	13.457	149	159953	43.319	ng	97
81) Benzo(a)anthracene	14.021	228	342764	40.958	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	100295	40.924	ng	98
83) Chrysene	14.057	228	320335	41.606	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	201075	42.807	ng	98
85) Di-n-octyl phthalate	14.621	149	295691	42.744	ng	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	327960	42.725	ng	99
88) Benzo(b)fluoranthene	15.068	252	331607	41.652	ng	100
89) Benzo(k)fluoranthene	15.104	252	281522	38.351	ng	99
90) Benzo(a)pyrene	15.439	252	275944	41.792	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	271229	42.761	ng	99
92) Benzo(g,h,i)perylene	17.421	276	259119	41.259	ng	99

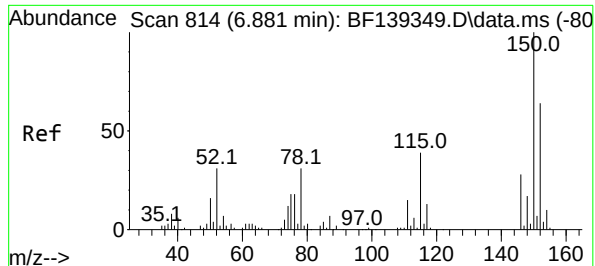
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\  
Data File : BF139353.D  
Acq On    : 13 Sep 2024   20:41  
Operator  : RC/JU  
Sample    : SSTDICV040  
Misc      :  
ALS Vial  : 14    Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
ICVBF091324

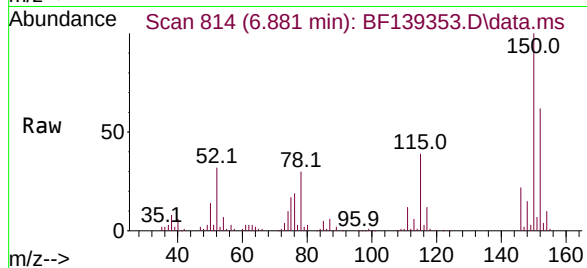
Quant Time: Sep 14 03:02:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration



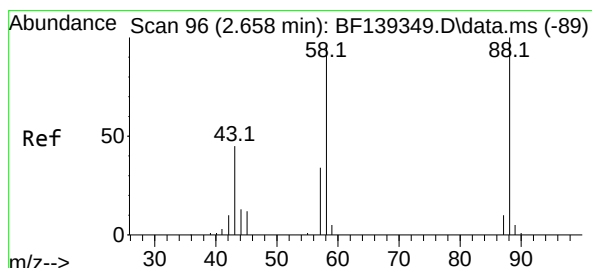
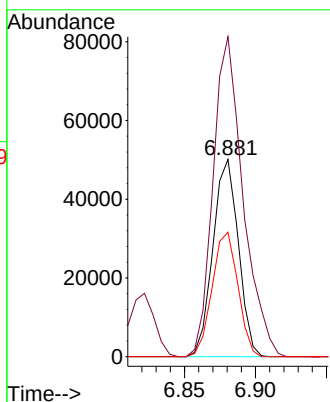
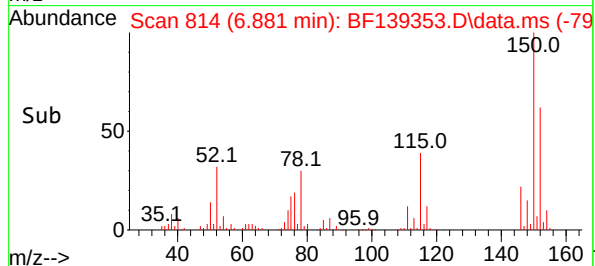


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

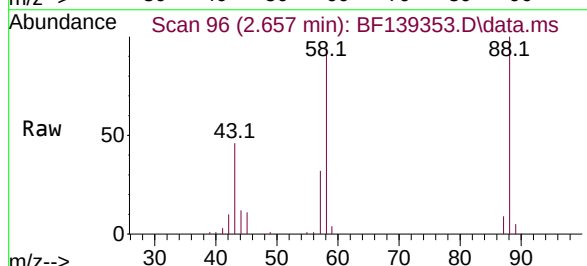
Instrument :
BNA_F
ClientSampleId :
ICVBF091324



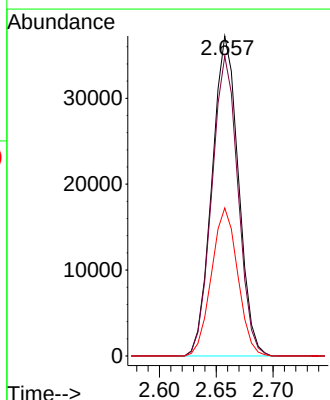
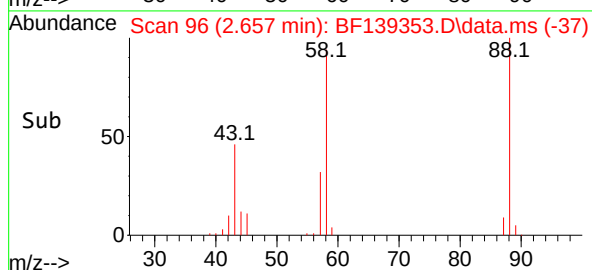
Tgt Ion:152 Resp: 62446
Ion Ratio Lower Upper
152 100
150 162.2 124.1 186.1
115 63.1 48.1 72.1

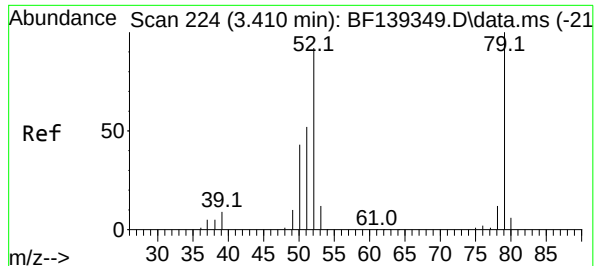


#2
1,4-Dioxane
Concen: 39.149 ng
RT: 2.657 min Scan# 96
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41



Tgt Ion: 88 Resp: 60123
Ion Ratio Lower Upper
88 100
58 92.7 74.8 112.2
43 45.9 36.4 54.6





#3

Pyridine

Concen: 43.077 ng

RT: 3.404 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

Instrument :

BNA_F

ClientSampleId :

ICVBF091324

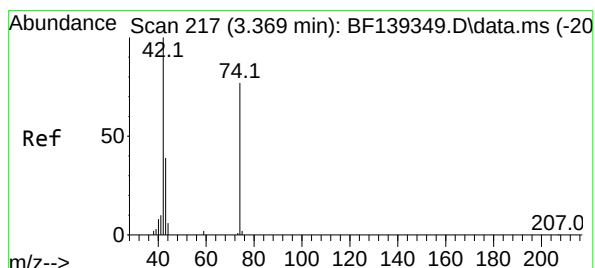
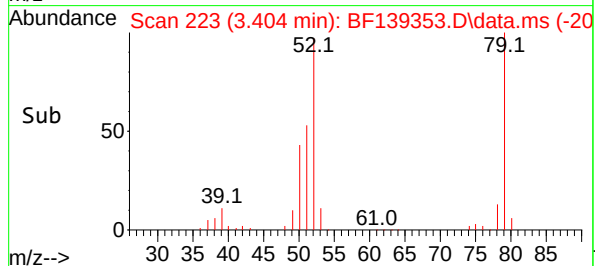
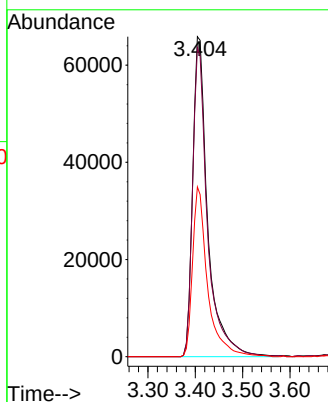
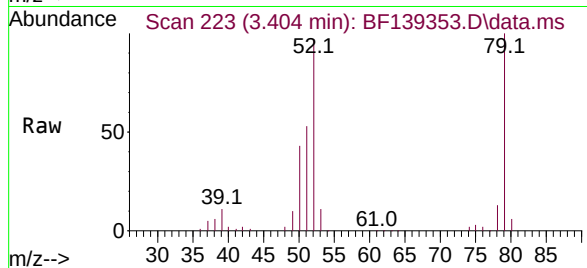
Tgt Ion: 79 Resp: 145860

Ion Ratio Lower Upper

79 100

52 96.6 73.8 110.8

51 53.1 41.8 62.6



#4

n-Nitrosodimethylamine

Concen: 40.597 ng

RT: 3.369 min Scan# 217

Delta R.T. -0.000 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

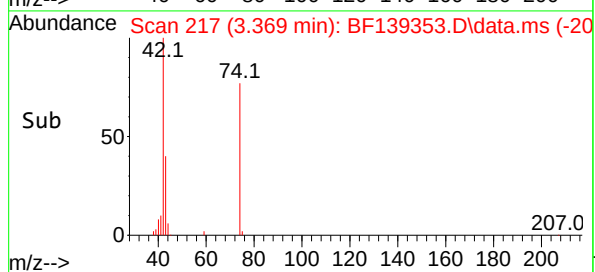
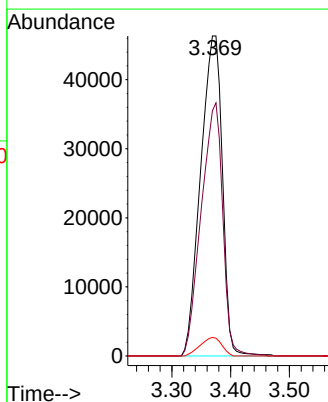
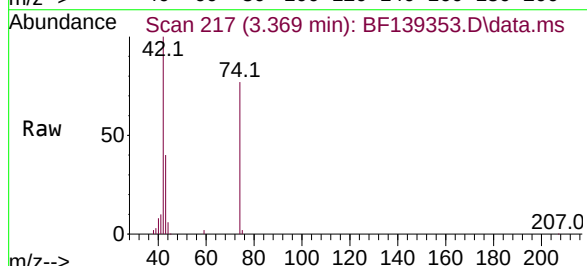
Tgt Ion: 42 Resp: 119146

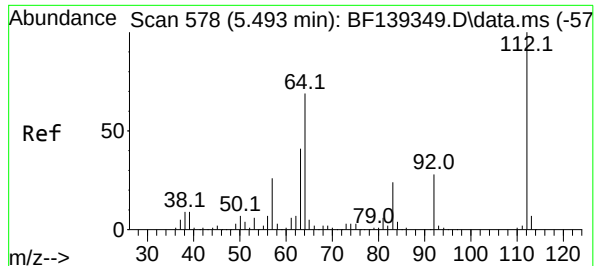
Ion Ratio Lower Upper

42 100

74 76.7 61.8 92.8

44 5.8 4.8 7.2

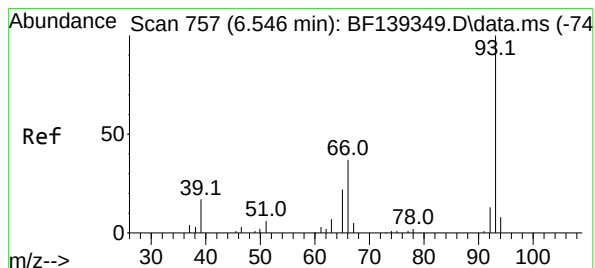
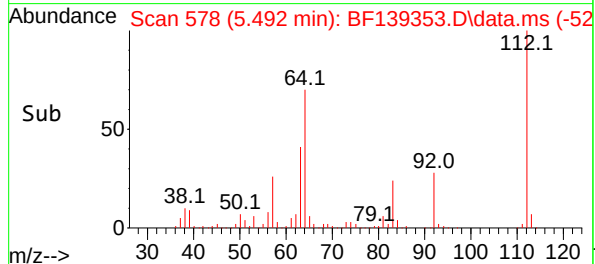
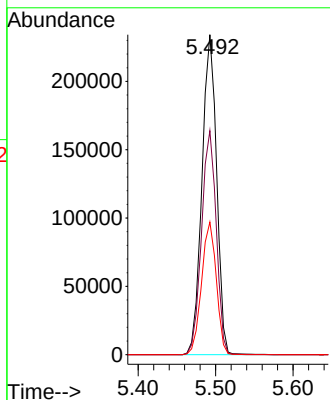
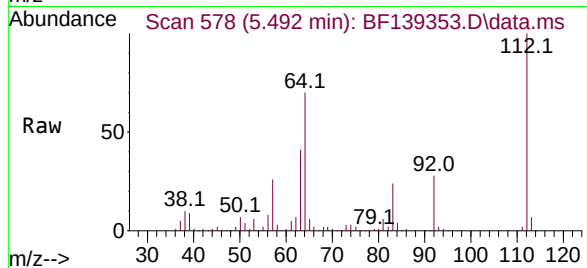




#5
2-Fluorophenol
Concen: 80.470 ng
RT: 5.492 min Scan# 51
Delta R.T. -0.001 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

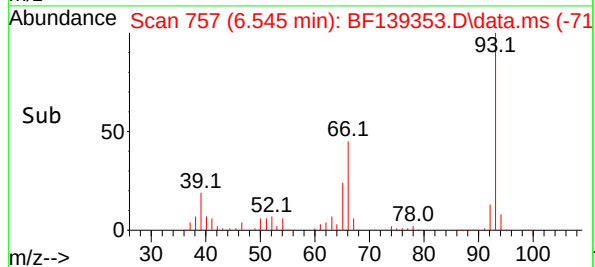
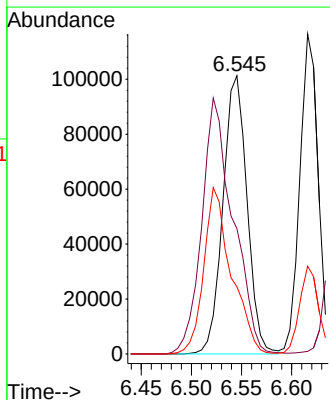
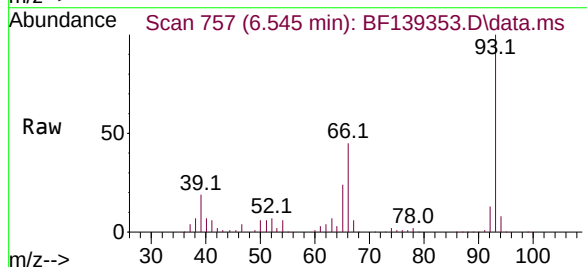
Instrument :
BNA_F
ClientSampleId :
ICVBF091324

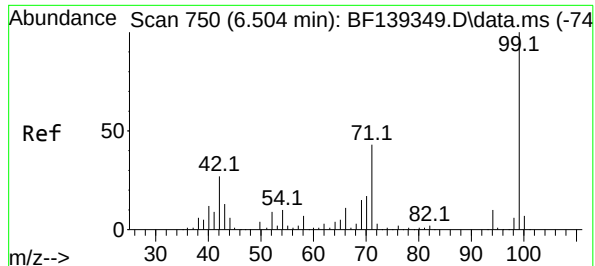
Tgt Ion:112 Resp: 308029
Ion Ratio Lower Upper
112 100
64 70.0 54.8 82.2
63 41.5 33.0 49.4



#6
Aniline
Concen: 44.592 ng
RT: 6.545 min Scan# 757
Delta R.T. -0.024 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion: 93 Resp: 169079
Ion Ratio Lower Upper
93 100
66 45.0 35.4 53.0
65 24.2 18.2 27.4





#7

Phenol-d6

Concen: 81.152 ng

RT: 6.510 min Scan# 751

Delta R.T. 0.006 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

Instrument :

BNA_F

ClientSampleId :

ICVBF091324

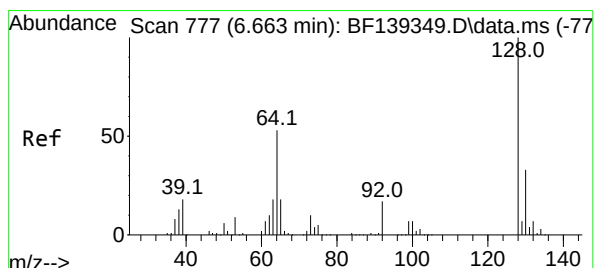
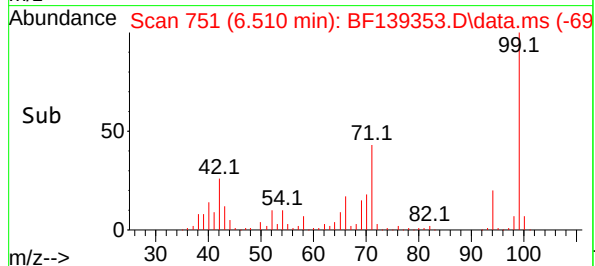
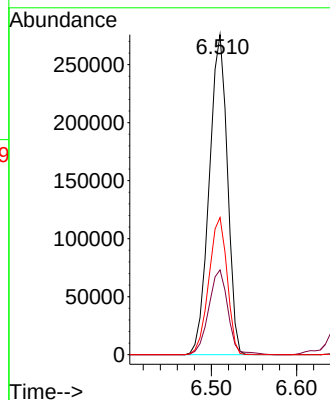
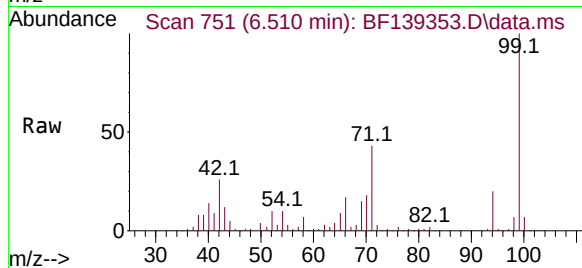
Tgt Ion: 99 Resp: 407735

Ion Ratio Lower Upper

99 100

42 26.5 21.9 32.9

71 42.9 34.6 52.0



#8

2-Chlorophenol

Concen: 41.245 ng

RT: 6.663 min Scan# 777

Delta R.T. -0.000 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

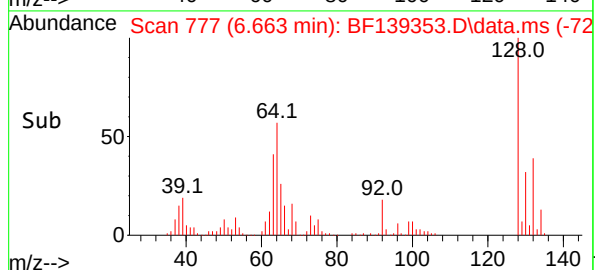
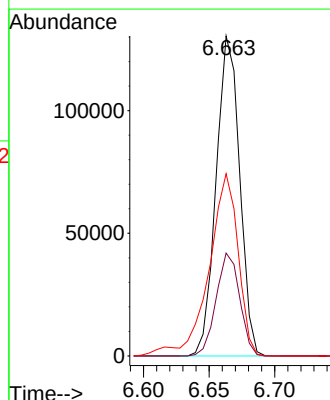
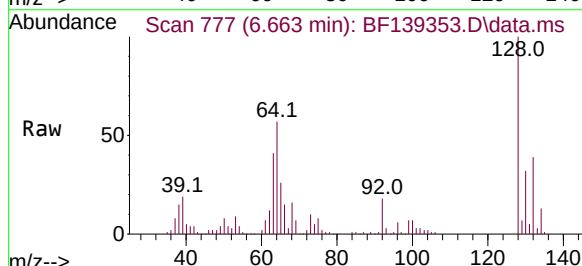
Tgt Ion: 128 Resp: 162520

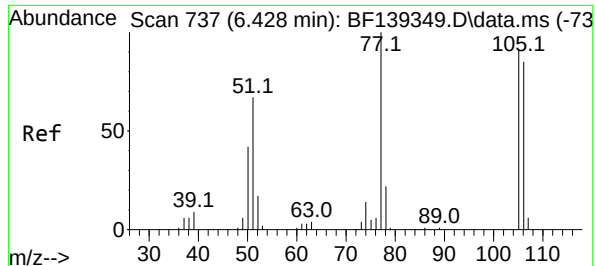
Ion Ratio Lower Upper

128 100

130 32.2 12.8 52.8

64 56.9 35.1 75.1





#9

Benzaldehyde

Concen: 42.392 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

Instrument :

BNA_F

ClientSampleId :

ICVBF091324

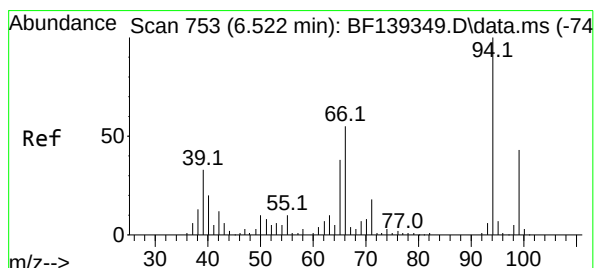
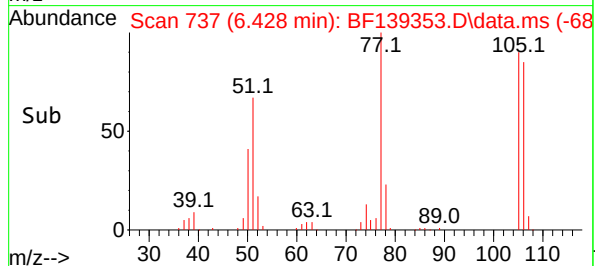
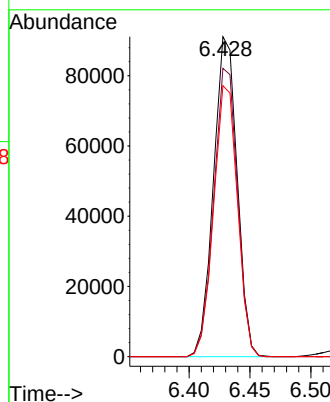
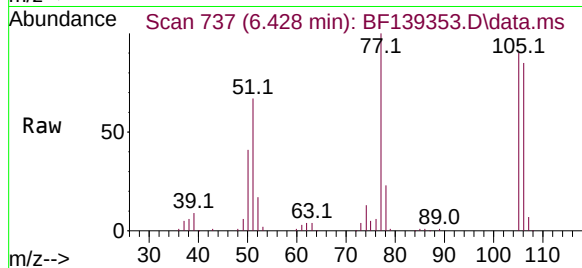
Tgt Ion: 77 Resp: 123057

Ion Ratio Lower Upper

77 100

105 90.1 71.0 111.0

106 84.7 64.9 104.9



#10

Phenol

Concen: 41.583 ng

RT: 6.522 min Scan# 753

Delta R.T. -0.000 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

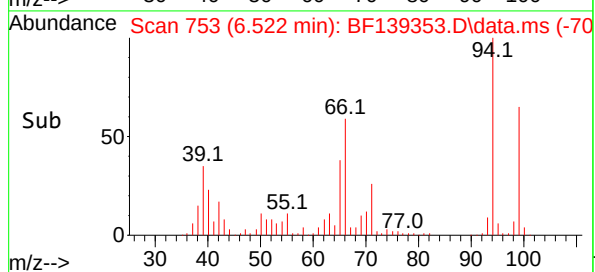
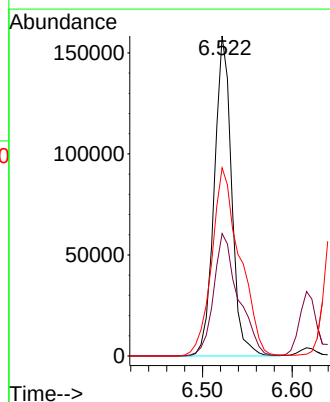
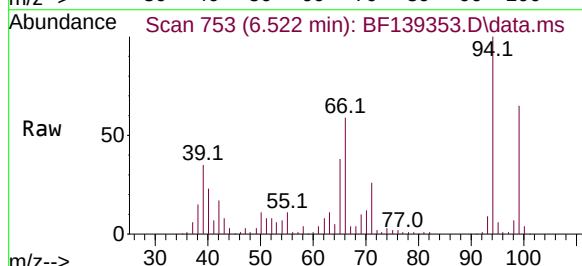
Tgt Ion: 94 Resp: 212792

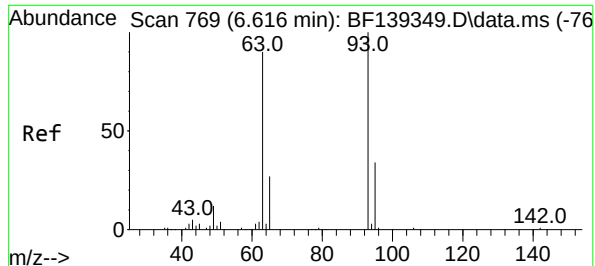
Ion Ratio Lower Upper

94 100

65 38.3 17.6 57.6

66 58.8 35.2 75.2





#11

bis(2-Chloroethyl)ether

Concen: 37.760 ng

RT: 6.616 min Scan# 769

Delta R.T. -0.000 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

Instrument :

BNA_F

ClientSampleId :

ICVBF091324

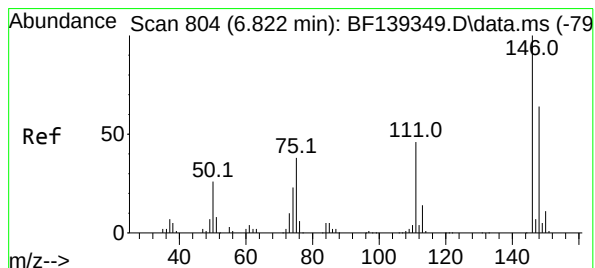
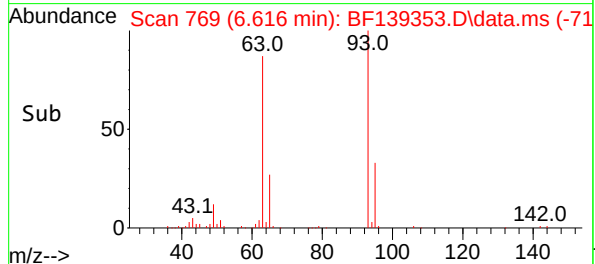
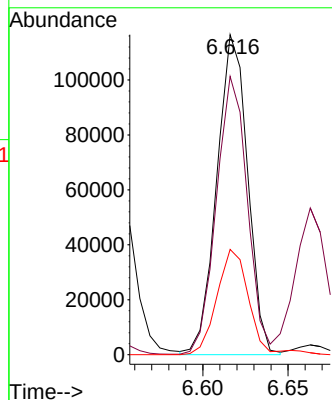
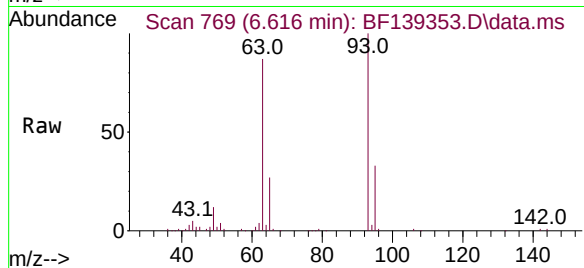
Tgt Ion: 93 Resp: 146864

Ion Ratio Lower Upper

93 100

63 86.9 65.3 105.3

95 32.9 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 40.235 ng

RT: 6.822 min Scan# 804

Delta R.T. -0.000 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

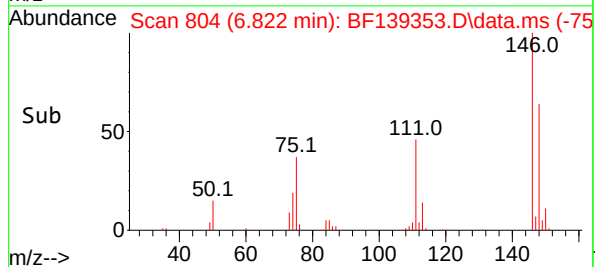
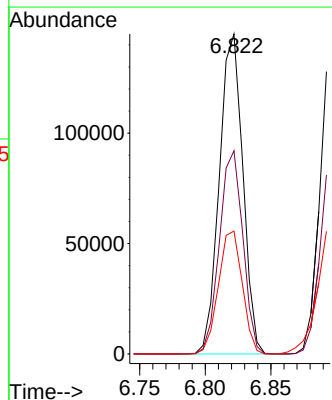
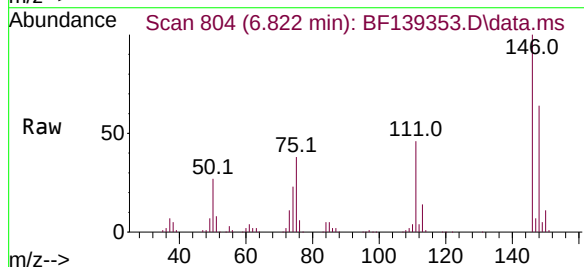
Tgt Ion:146 Resp: 180304

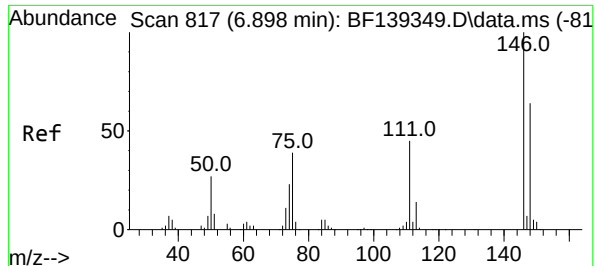
Ion Ratio Lower Upper

146 100

148 63.5 51.2 76.8

75 38.4 30.6 46.0





#13

1,4-Dichlorobenzene

Concen: 40.273 ng

RT: 6.898 min Scan# 817

Delta R.T. -0.000 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

Instrument :

BNA_F

ClientSampleId :

ICVBF091324

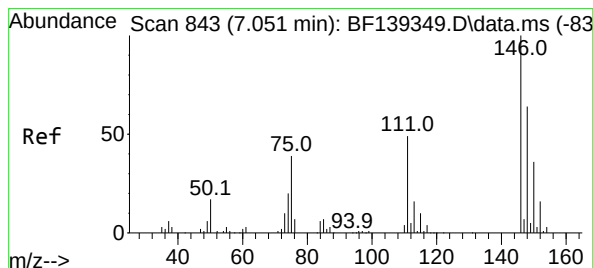
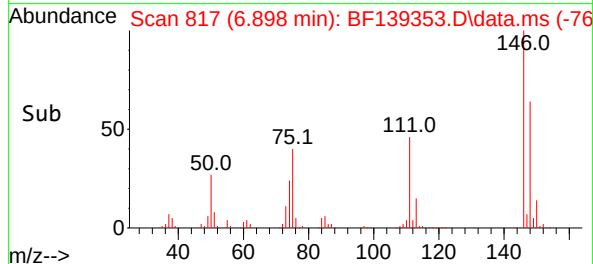
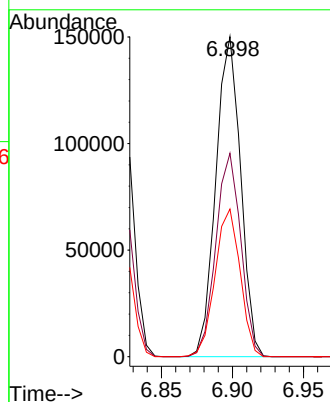
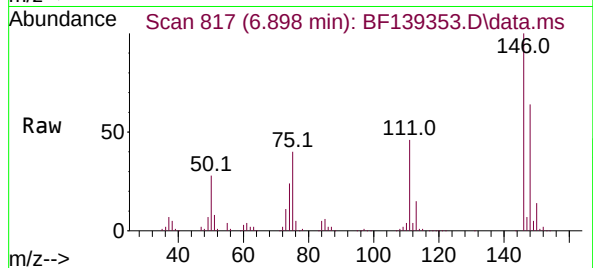
Tgt Ion:146 Resp: 182375

Ion Ratio Lower Upper

146 100

148 63.6 50.9 76.3

111 46.1 36.3 54.5



#14

1,2-Dichlorobenzene

Concen: 41.020 ng

RT: 7.051 min Scan# 843

Delta R.T. -0.000 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

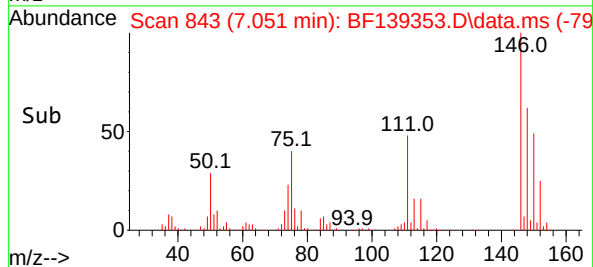
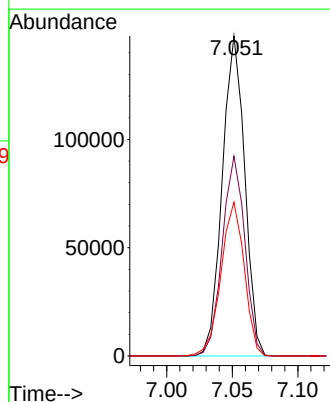
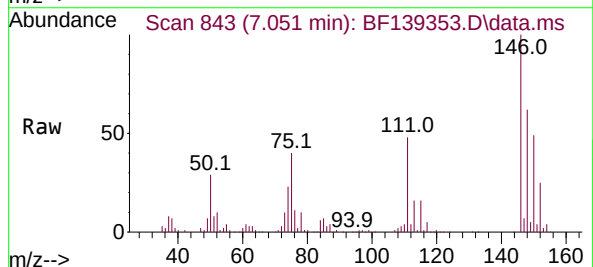
Tgt Ion:146 Resp: 175523

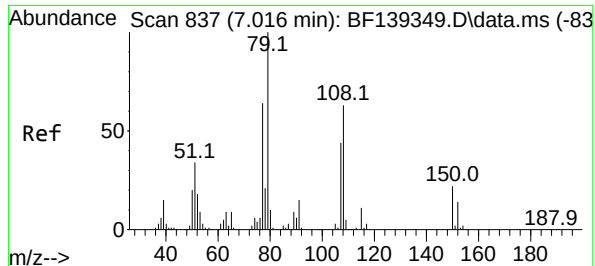
Ion Ratio Lower Upper

146 100

148 62.4 50.9 76.3

111 48.1 38.9 58.3





#15

Benzyl Alcohol

Concen: 41.276 ng

RT: 7.022 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

Instrument :

BNA_F

ClientSampleId :

ICVBF091324

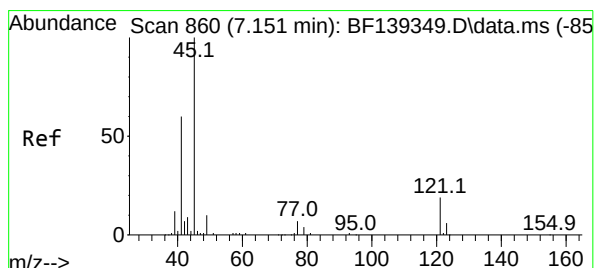
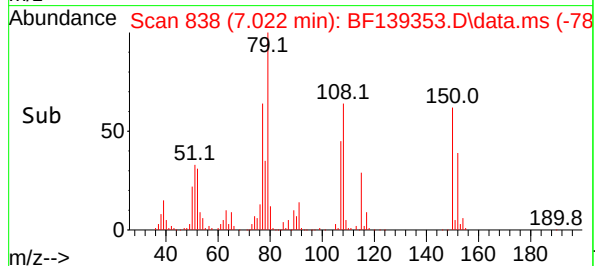
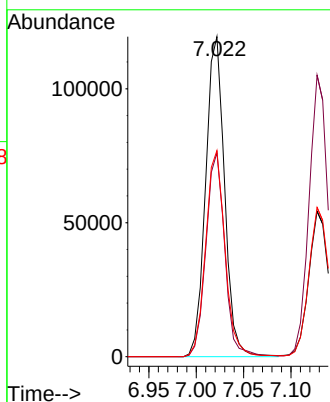
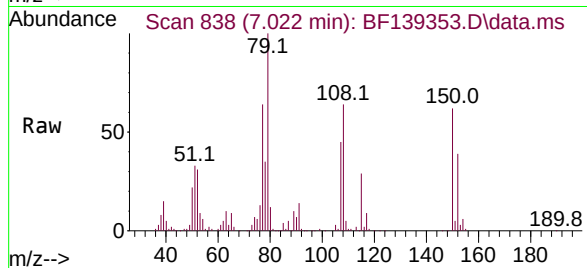
Tgt Ion: 79 Resp: 165457

Ion Ratio Lower Upper

79 100

108 63.8 50.4 75.6

77 64.4 51.4 77.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.216 ng

RT: 7.157 min Scan# 861

Delta R.T. 0.006 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

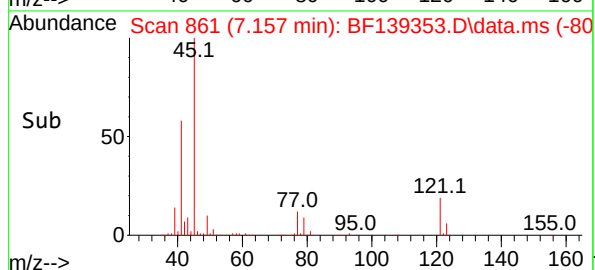
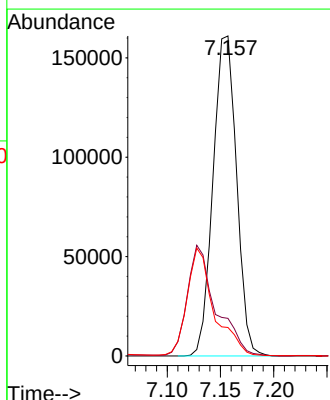
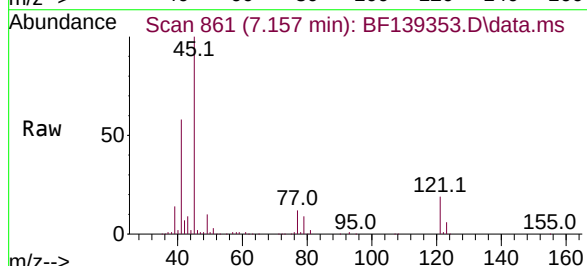
Tgt Ion: 45 Resp: 247051

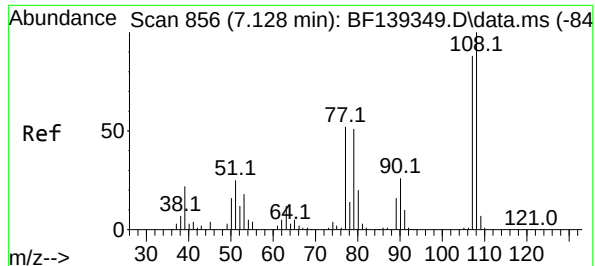
Ion Ratio Lower Upper

45 100

77 11.7 0.0 32.0

79 8.9 0.0 29.1

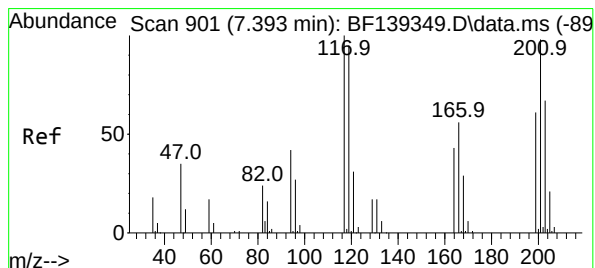
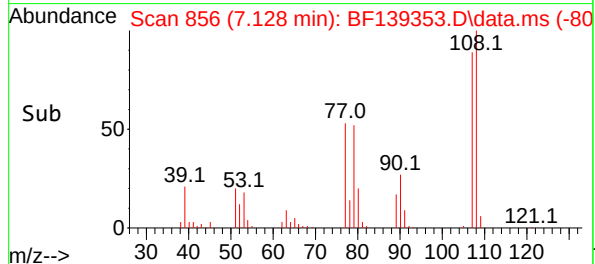
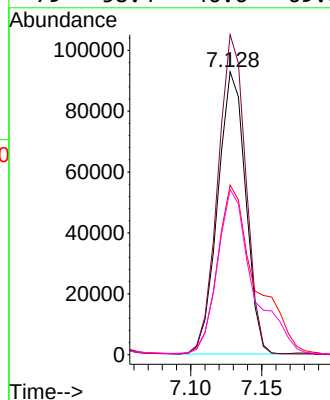
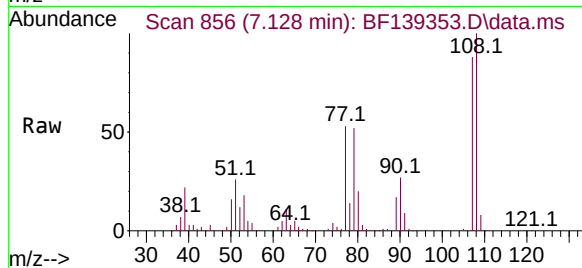




#17
2-Methylphenol
Concen: 40.384 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

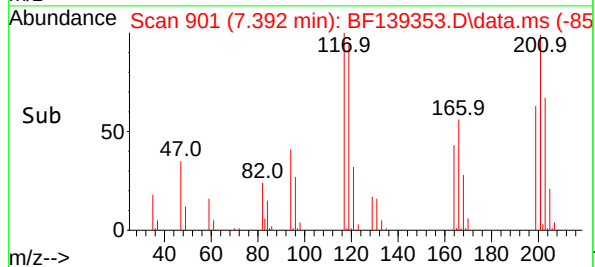
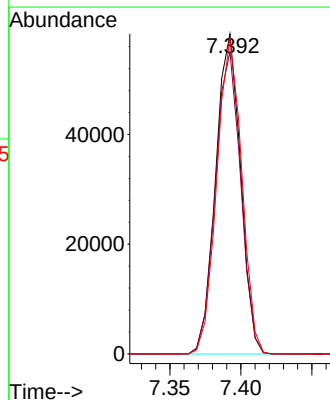
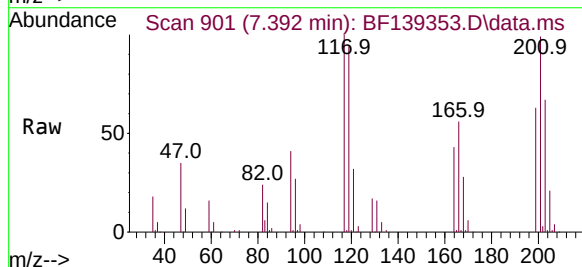
Instrument :
BNA_F
ClientSampleId :
ICVBF091324

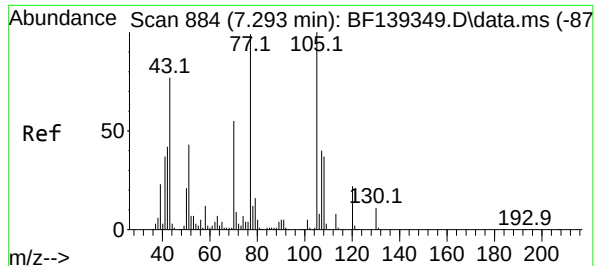
Tgt Ion:107 Resp: 126426
Ion Ratio Lower Upper
107 100
108 113.1 90.5 135.7
77 59.9 47.1 70.7
79 58.4 46.6 69.8



#18
Hexachloroethane
Concen: 41.228 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:117 Resp: 71112
Ion Ratio Lower Upper
117 100
119 94.4 75.8 113.8
201 98.6 78.6 118.0





#19

n-Nitroso-di-n-propylamine

Concen: 41.364 ng

RT: 7.292 min Scan# 884

Delta R.T. -0.000 min

Lab File: BF139353.D

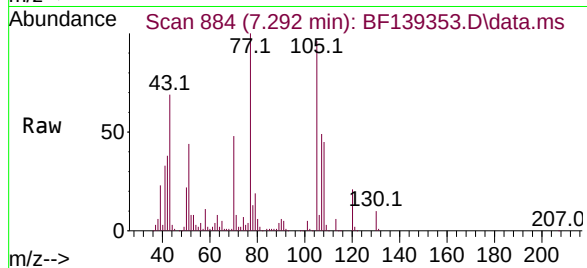
Acq: 13 Sep 2024 20:41

Instrument :

BNA_F

ClientSampleId :

ICVBF091324



Tgt Ion: 70 Resp: 123157

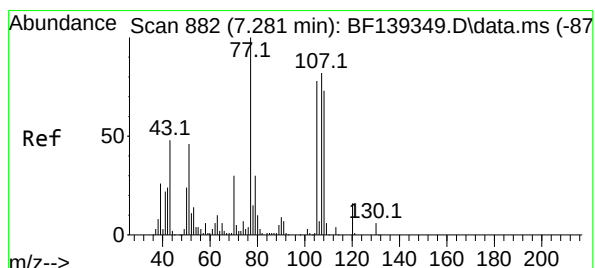
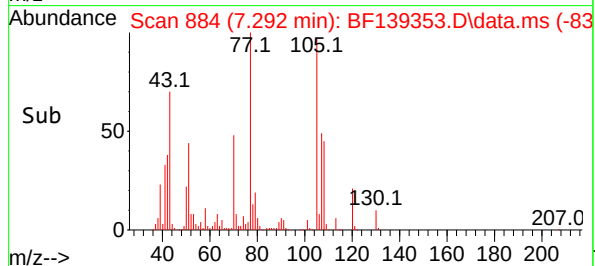
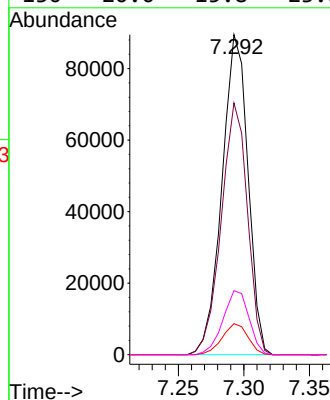
Ion Ratio Lower Upper

70 100

42 78.7 61.2 91.8

101 9.7 7.5 11.3

130 20.0 15.8 23.8



#20

3+4-Methylphenols

Concen: 40.824 ng

RT: 7.286 min Scan# 883

Delta R.T. 0.006 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

Tgt Ion: 107 Resp: 174364

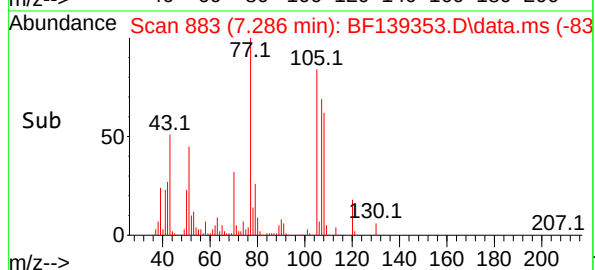
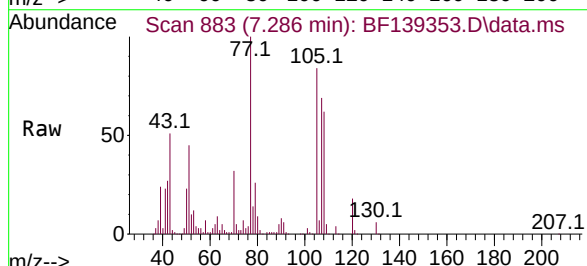
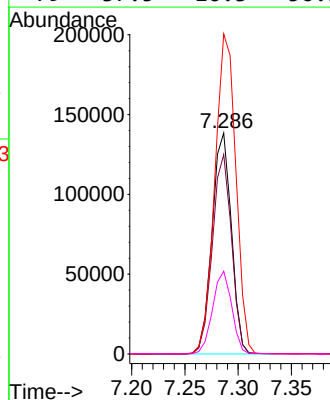
Ion Ratio Lower Upper

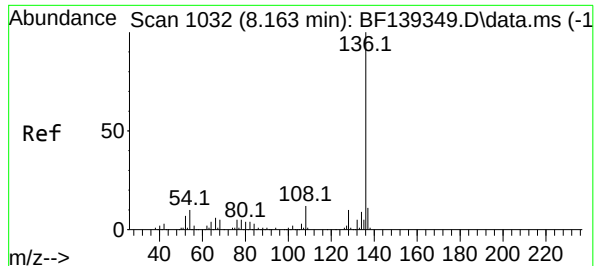
107 100

108 90.2 68.6 108.6

77 144.8 101.6 141.6#

79 37.5 16.3 56.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1032

Delta R.T. -0.000 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

Instrument :

BNA_F

ClientSampleId :

ICVBF091324

Tgt Ion:136 Resp: 224439

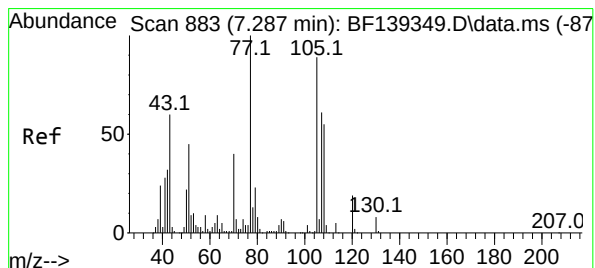
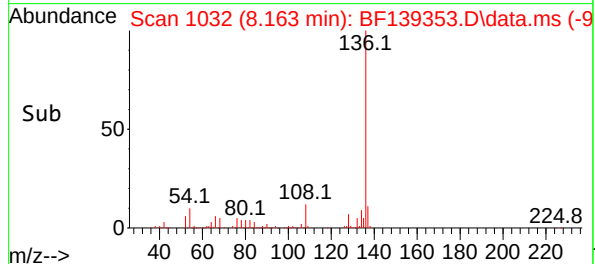
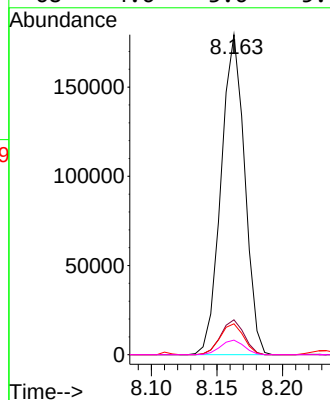
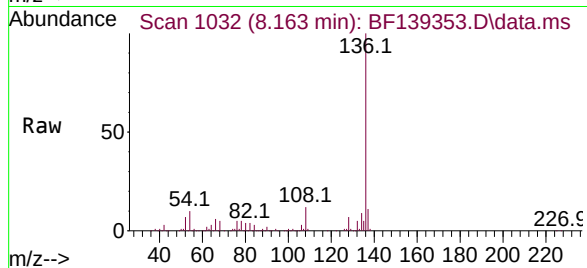
Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 9.7 7.8 11.8

68 4.6 3.6 5.4



#22

Acetophenone

Concen: 41.167 ng

RT: 7.292 min Scan# 884

Delta R.T. 0.006 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

Tgt Ion:105 Resp: 241549

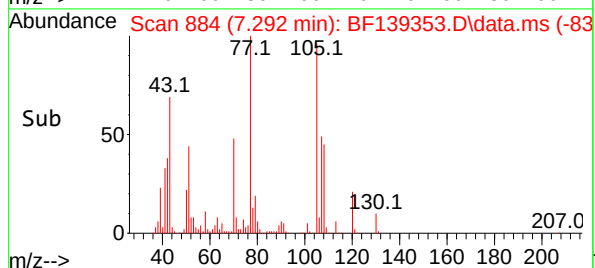
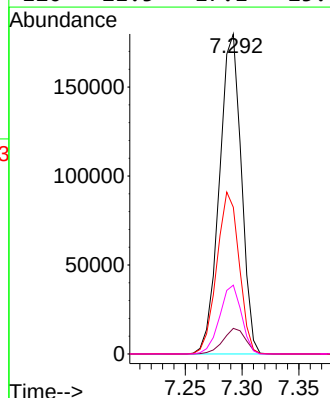
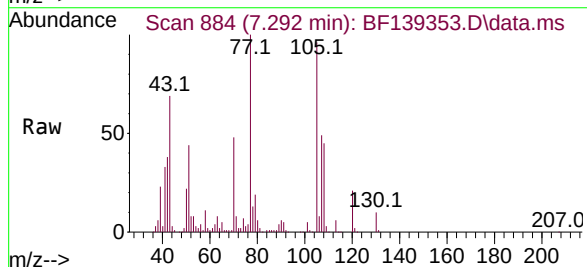
Ion Ratio Lower Upper

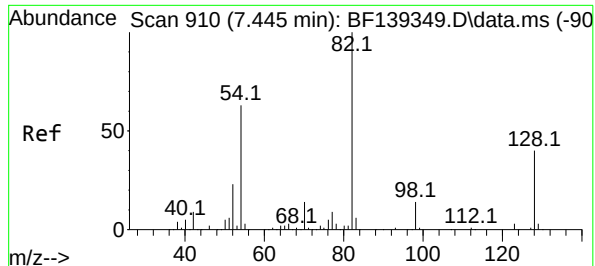
105 100

71 8.0 5.9 8.9

51 45.8 40.0 60.0

120 21.5 17.1 25.7





#23

Nitrobenzene-d5

Concen: 84.223 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

Instrument :

BNA_F

ClientSampleId :

ICVBF091324

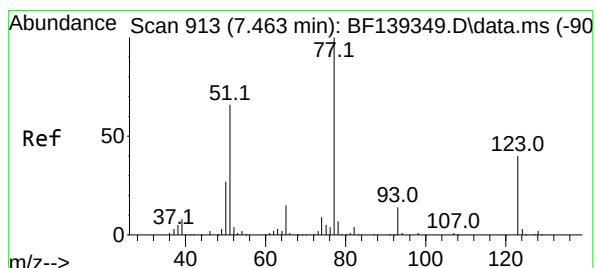
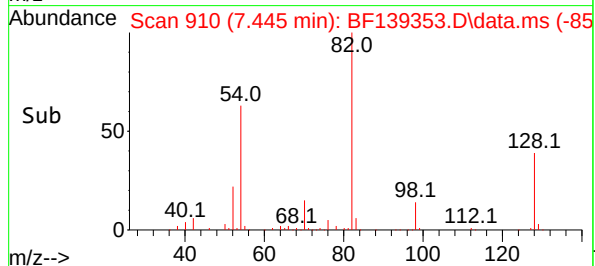
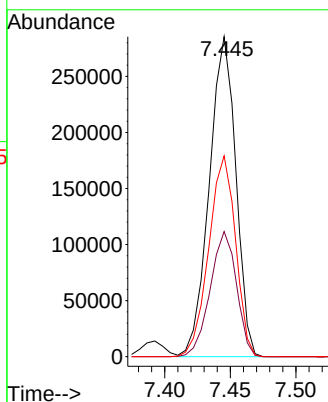
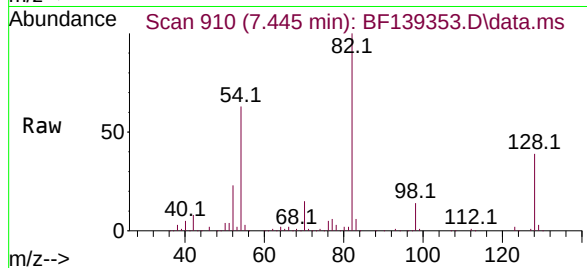
Tgt Ion: 82 Resp: 402094

Ion Ratio Lower Upper

82 100

128 39.1 31.8 47.6

54 62.8 50.6 75.8



#24

Nitrobenzene

Concen: 41.700 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

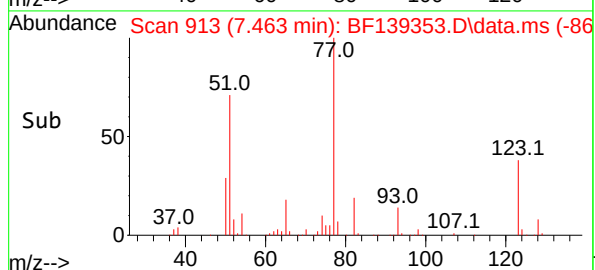
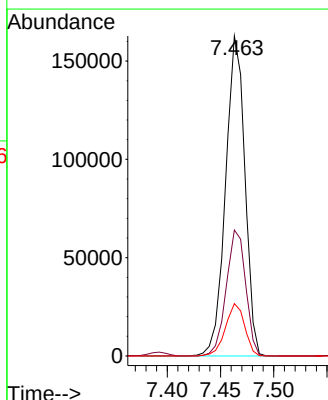
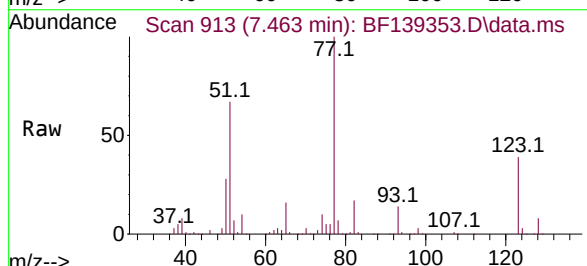
Tgt Ion: 77 Resp: 204895

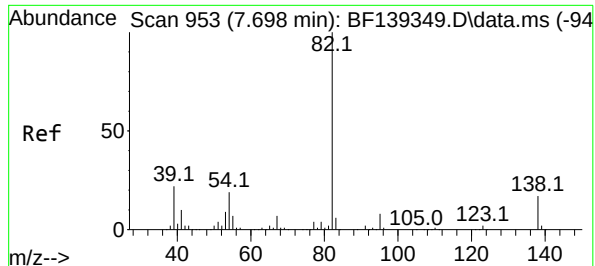
Ion Ratio Lower Upper

77 100

123 39.4 32.2 48.4

65 16.4 12.2 18.4





#25

Isophorone

Concen: 41.358 ng

RT: 7.698 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

Instrument :

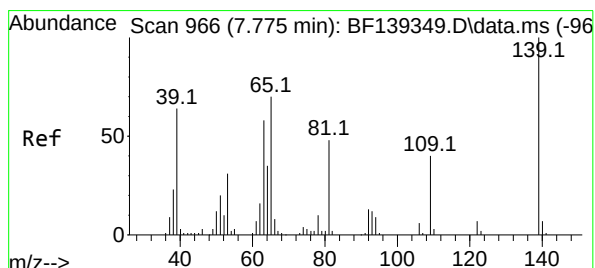
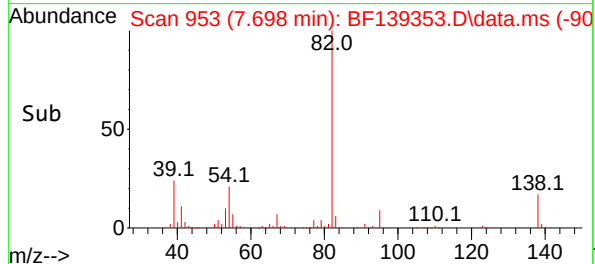
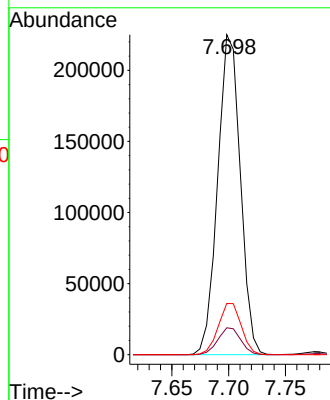
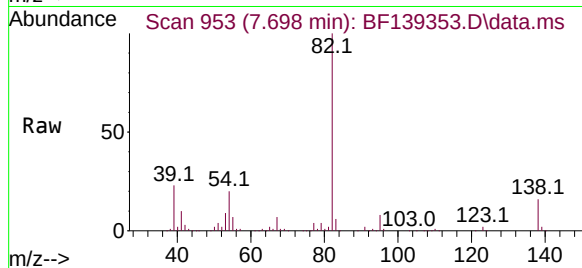
BNA_F

ClientSampleId :

ICVBF091324

Tgt Ion: 82 Resp: 312264

Ion	Ratio	Lower	Upper
82	100		
95	8.4	6.7	10.1
138	16.0	13.3	19.9



#26

2-Nitrophenol

Concen: 43.547 ng

RT: 7.775 min Scan# 966

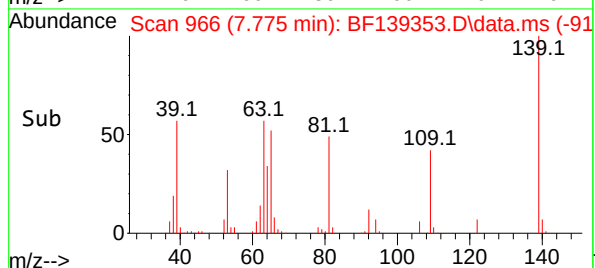
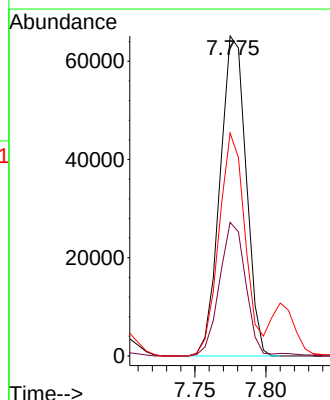
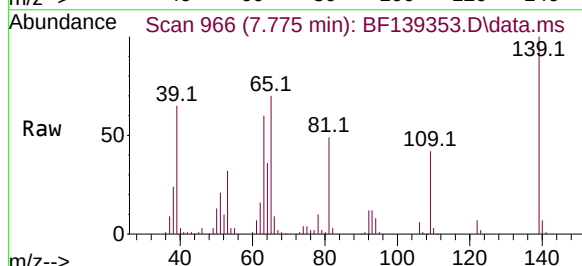
Delta R.T. -0.000 min

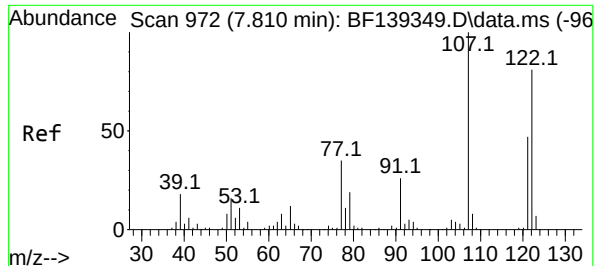
Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

Tgt Ion:139 Resp: 83362

Ion	Ratio	Lower	Upper
139	100		
109	41.8	32.2	48.2
65	69.7	55.8	83.8





#27

2,4-Dimethylphenol

Concen: 41.945 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

Instrument :

BNA_F

ClientSampleId :

ICVBF091324

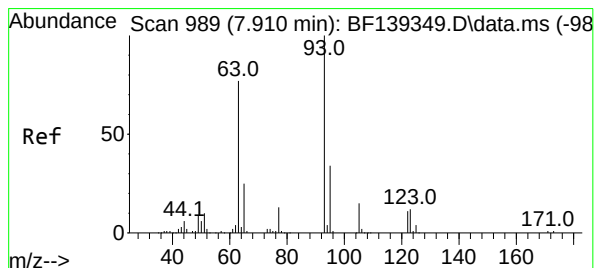
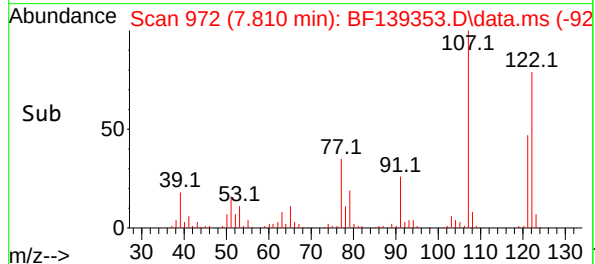
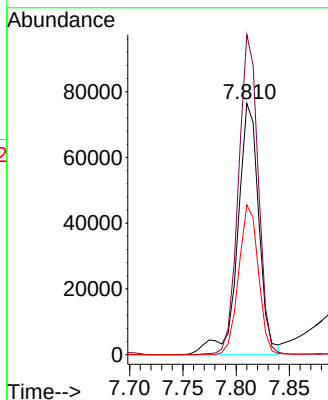
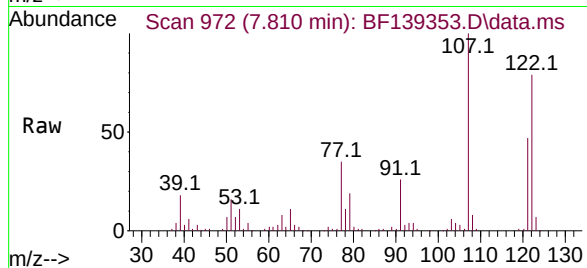
Tgt Ion:122 Resp: 105918

Ion Ratio Lower Upper

122 100

107 127.4 99.1 148.7

121 59.6 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 41.858 ng

RT: 7.910 min Scan# 989

Delta R.T. -0.000 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

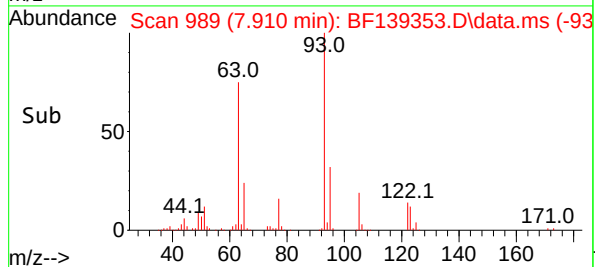
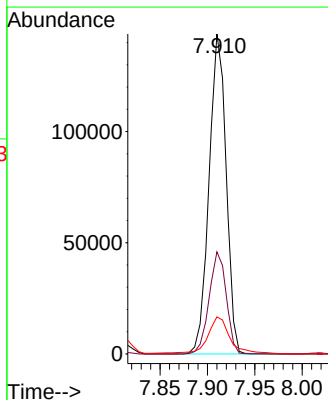
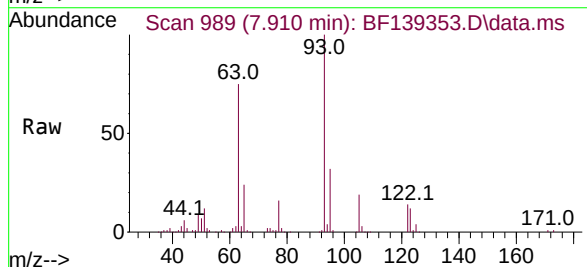
Tgt Ion: 93 Resp: 180121

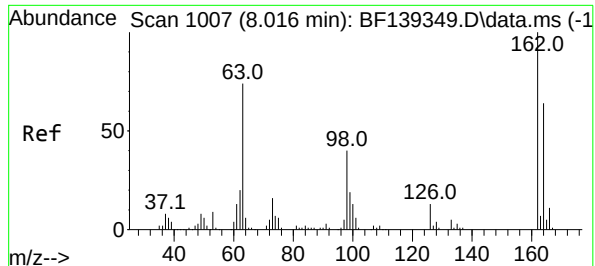
Ion Ratio Lower Upper

93 100

95 31.9 26.9 40.3

123 11.6 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 42.134 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

Instrument :

BNA_F

ClientSampleId :

ICVBF091324

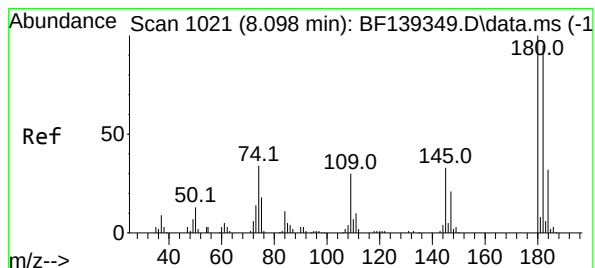
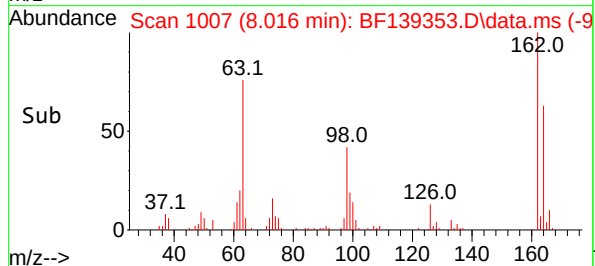
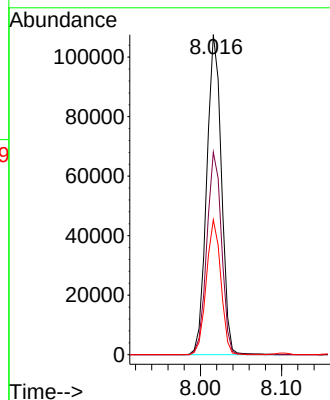
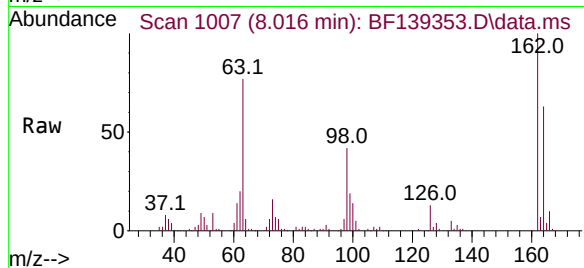
Tgt Ion:162 Resp: 135162

Ion Ratio Lower Upper

162 100

164 63.3 43.6 83.6

98 42.2 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 41.355 ng

RT: 8.104 min Scan# 1022

Delta R.T. 0.006 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

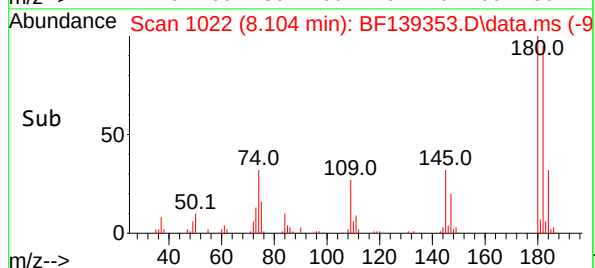
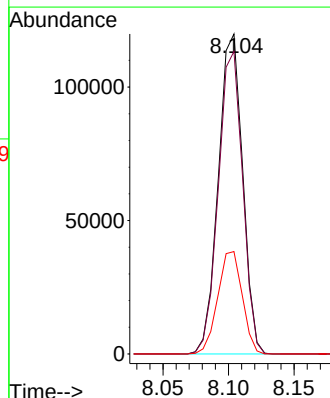
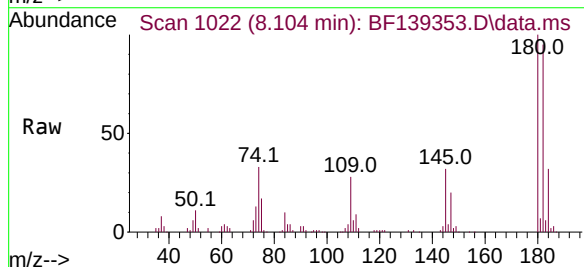
Tgt Ion:180 Resp: 154576

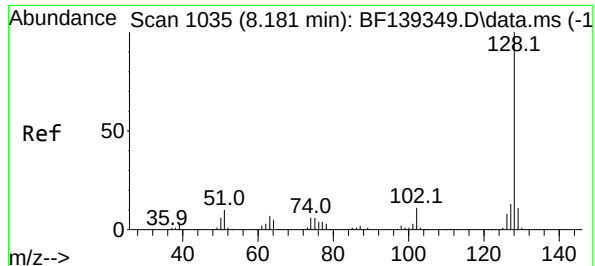
Ion Ratio Lower Upper

180 100

182 94.5 75.7 113.5

145 32.0 26.5 39.7





#31

Naphthalene

Concen: 41.452 ng

RT: 8.186 min Scan# 1035

Delta R.T. 0.006 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

Instrument :

BNA_F

ClientSampleId :

ICVBF091324

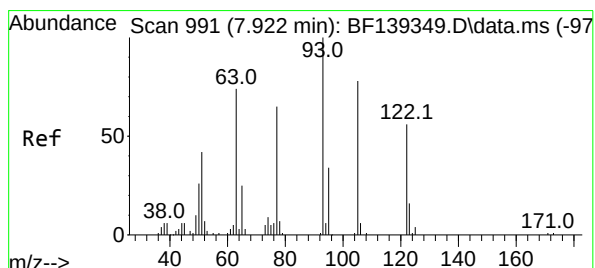
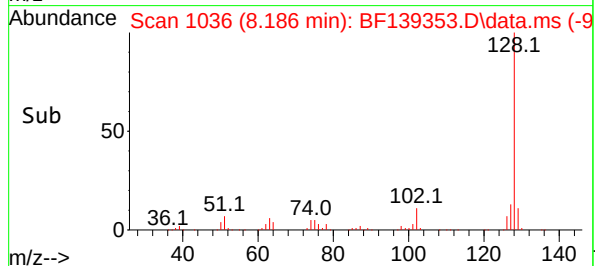
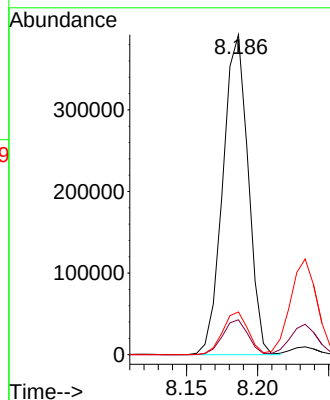
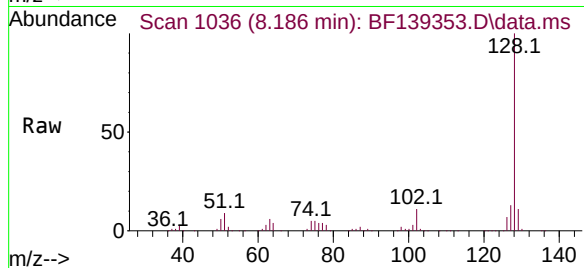
Tgt Ion:128 Resp: 485689

Ion Ratio Lower Upper

128 100

129 10.9 8.6 13.0

127 13.4 10.6 16.0



#32

Benzoic acid

Concen: 44.336 ng

RT: 7.934 min Scan# 993

Delta R.T. 0.012 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

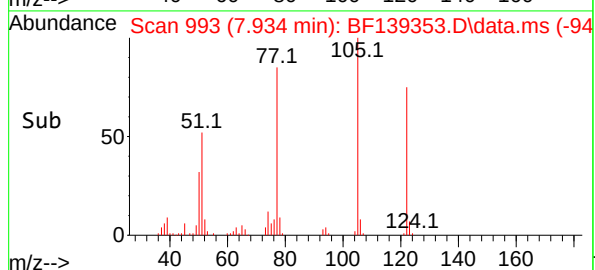
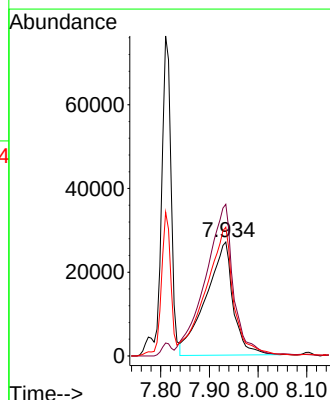
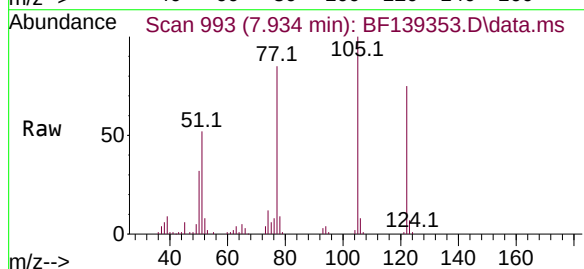
Tgt Ion:122 Resp: 104770

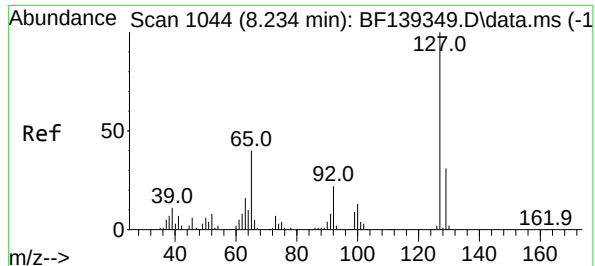
Ion Ratio Lower Upper

122 100

105 133.1 117.1 157.1

77 113.1 95.4 135.4





#33

4-Chloroaniline

Concen: 43.552 ng

RT: 8.233 min Scan# 1044

Delta R.T. -0.000 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

Instrument :

BNA_F

ClientSampleId :

ICVBF091324

Tgt Ion:127 Resp: 156112

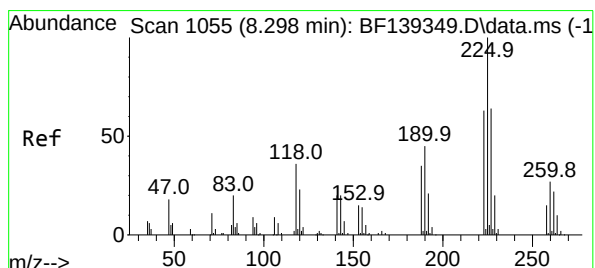
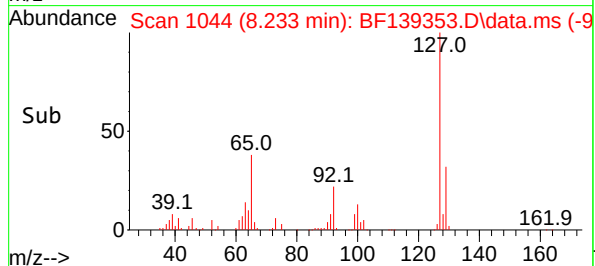
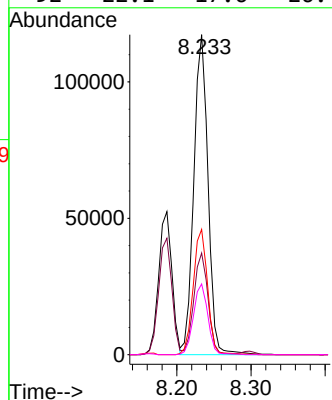
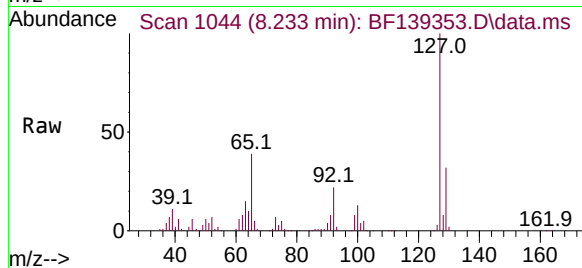
Ion Ratio Lower Upper

127 100

129 31.8 25.5 38.3

65 39.1 31.5 47.3

92 22.1 17.6 26.4



#34

Hexachlorobutadiene

Concen: 41.447 ng

RT: 8.298 min Scan# 1055

Delta R.T. -0.000 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

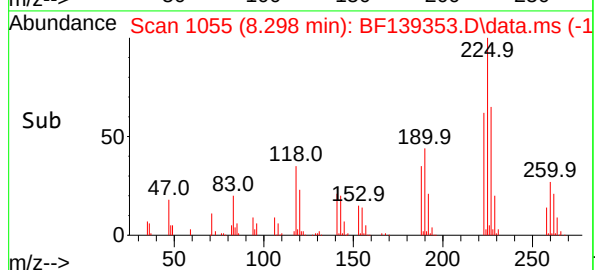
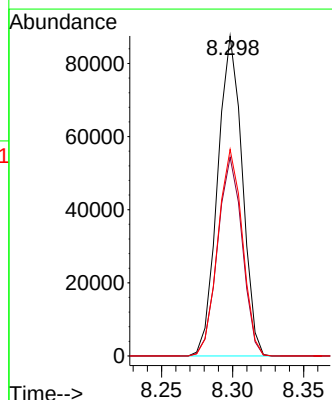
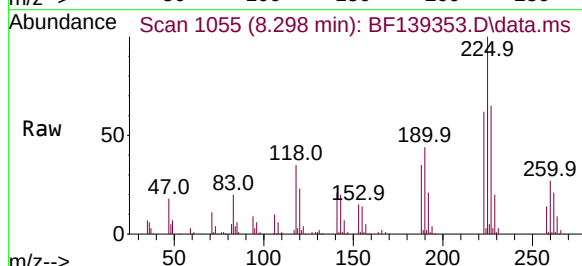
Tgt Ion:225 Resp: 105249

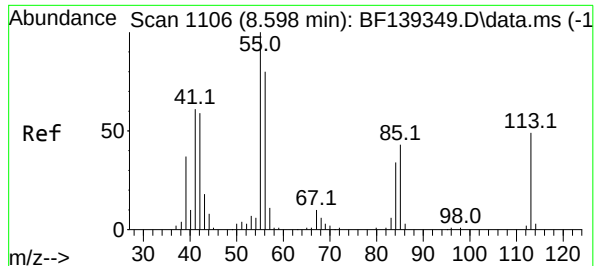
Ion Ratio Lower Upper

225 100

223 62.1 50.1 75.1

227 64.5 51.0 76.6

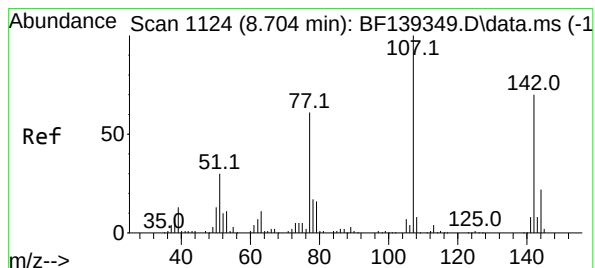
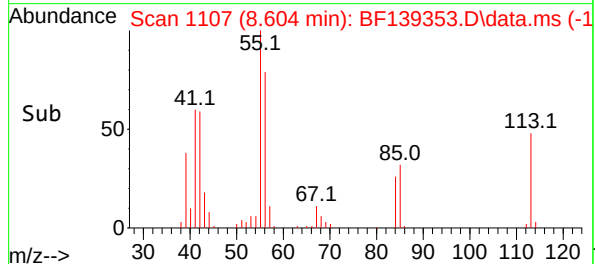
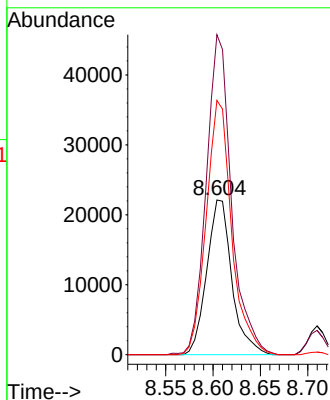
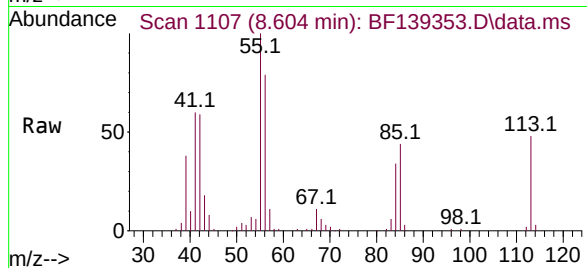




#35
Caprolactam
Concen: 41.375 ng
RT: 8.604 min Scan# 1107
Delta R.T. 0.006 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

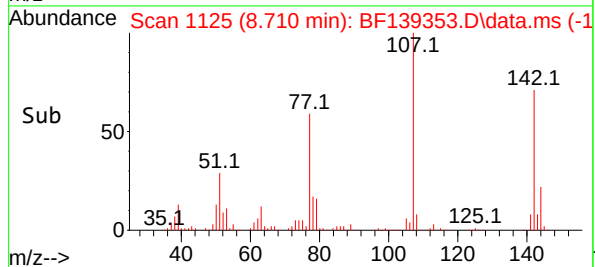
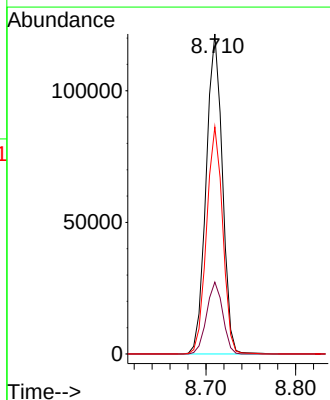
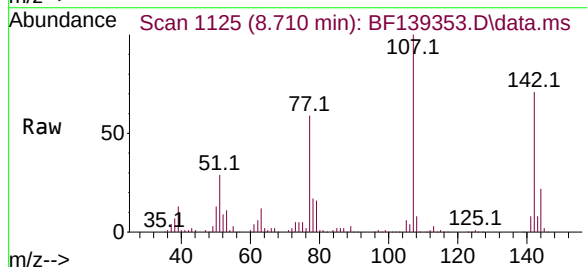
Instrument :
BNA_F
ClientSampleId :
ICVBF091324

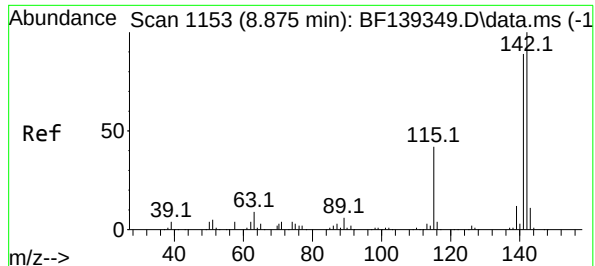
Tgt Ion:113 Resp: 40829
Ion Ratio Lower Upper
113 100
55 206.9 186.1 226.1
56 164.4 144.9 184.9



#36
4-Chloro-3-methylphenol
Concen: 41.634 ng
RT: 8.710 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:107 Resp: 152639
Ion Ratio Lower Upper
107 100
144 22.5 17.5 26.3
142 70.9 55.8 83.8





#37

2-Methylnaphthalene

Concen: 40.664 ng

RT: 8.875 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

Instrument :

BNA_F

ClientSampleId :

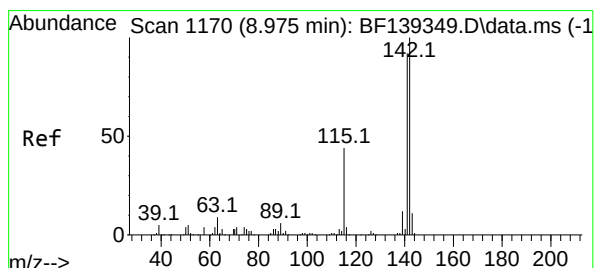
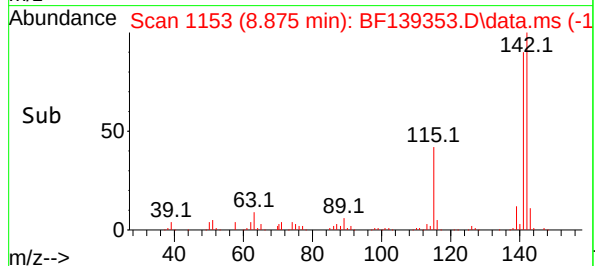
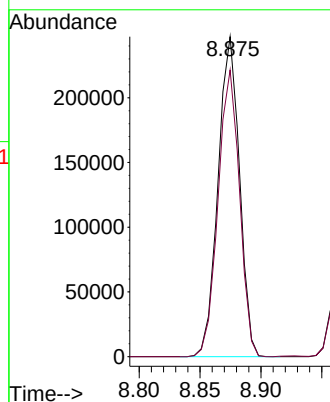
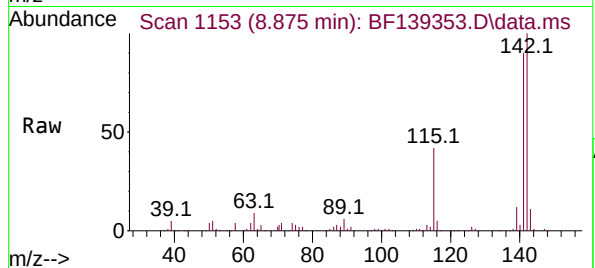
ICVBF091324

Tgt Ion:142 Resp: 302423

Ion Ratio Lower Upper

142 100

141 89.6 71.6 107.4



#38

1-Methylnaphthalene

Concen: 41.093 ng

RT: 8.975 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF139353.D

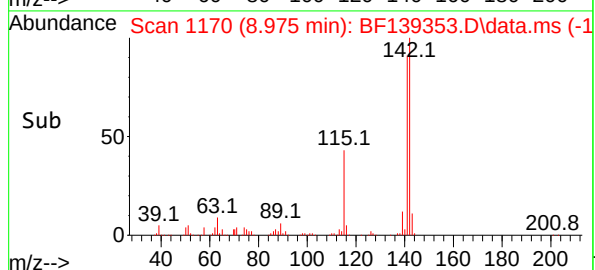
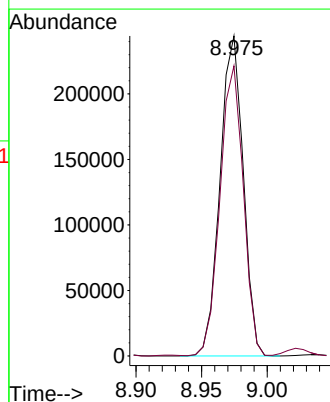
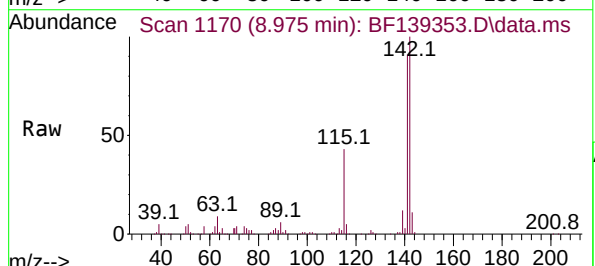
Acq: 13 Sep 2024 20:41

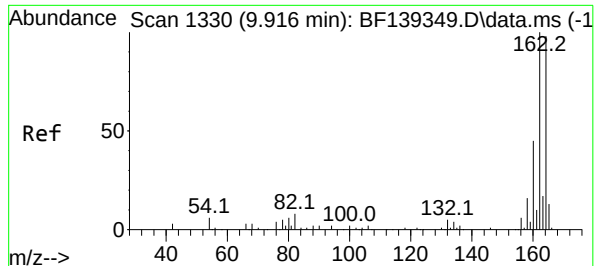
Tgt Ion:142 Resp: 300045

Ion Ratio Lower Upper

142 100

141 90.7 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

Instrument :

BNA_F

ClientSampleId :

ICVBF091324

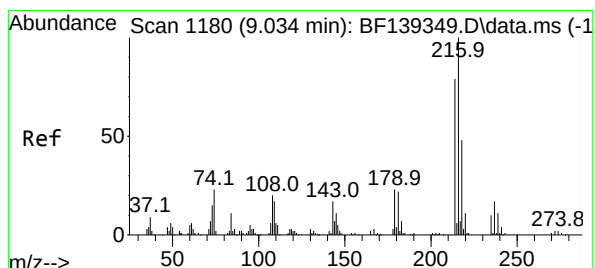
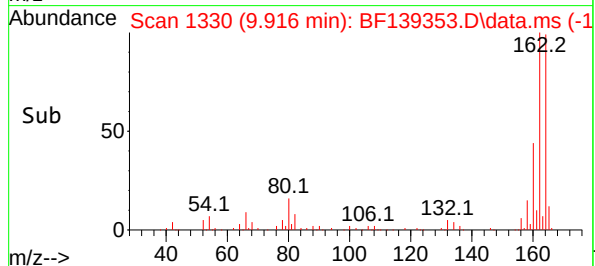
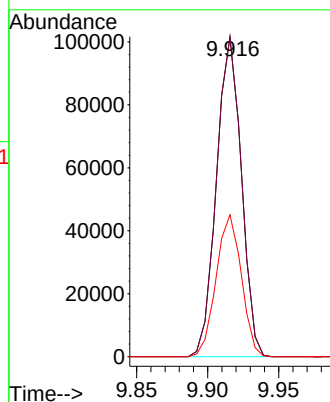
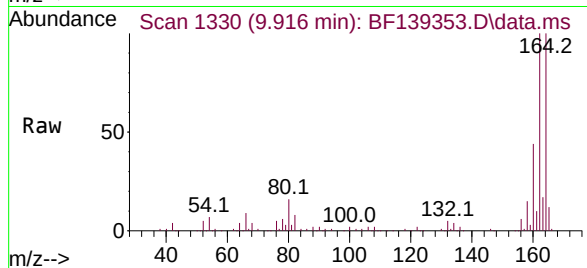
Tgt Ion:164 Resp: 123398

Ion Ratio Lower Upper

164 100

162 100.3 81.3 121.9

160 44.5 36.4 54.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.569 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

Tgt Ion:216 Resp: 152023

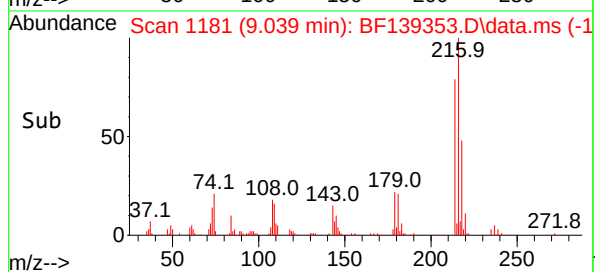
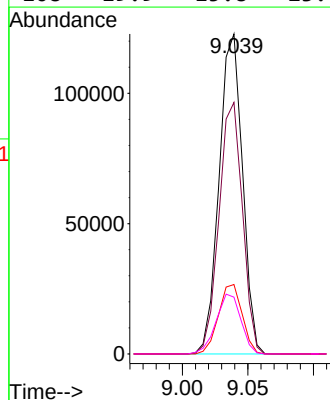
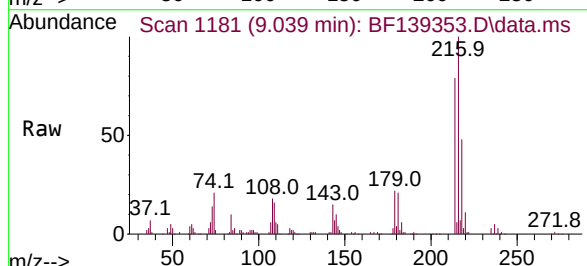
Ion Ratio Lower Upper

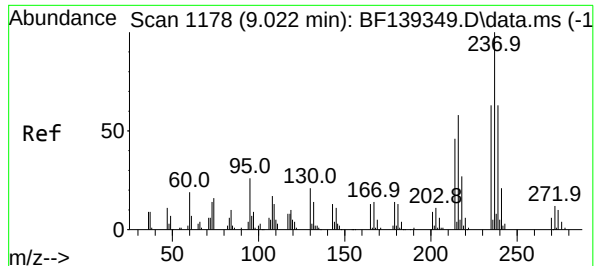
216 100

214 78.8 63.4 95.0

179 22.1 18.2 27.2

108 19.9 15.8 23.6

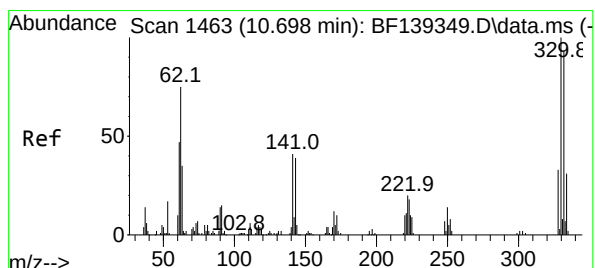
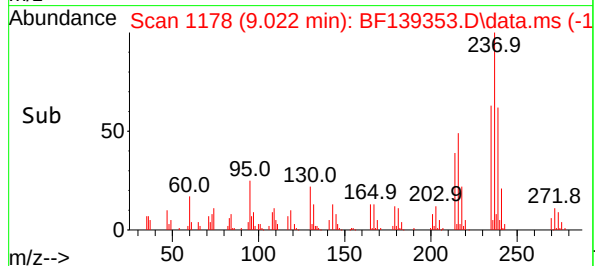
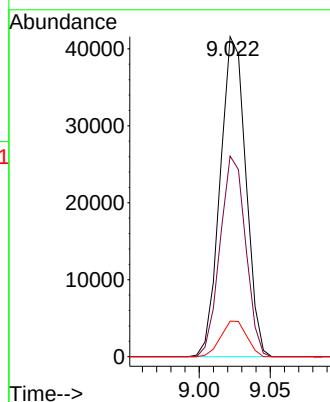
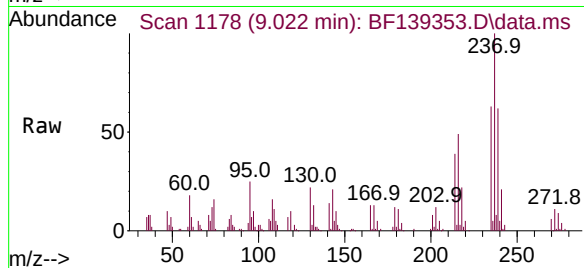




#41
Hexachlorocyclopentadiene
Concen: 40.948 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

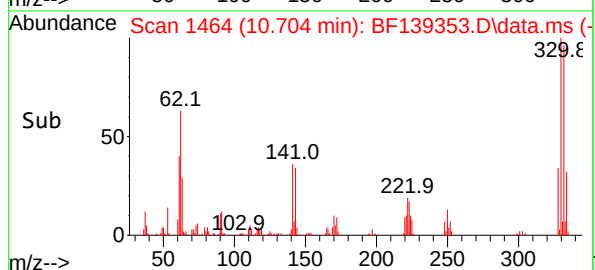
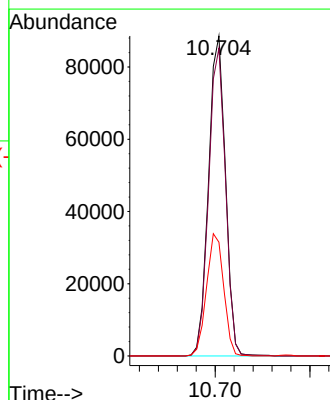
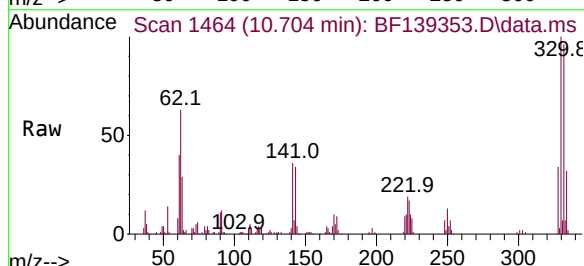
Instrument :
BNA_F
ClientSampleId :
ICVBF091324

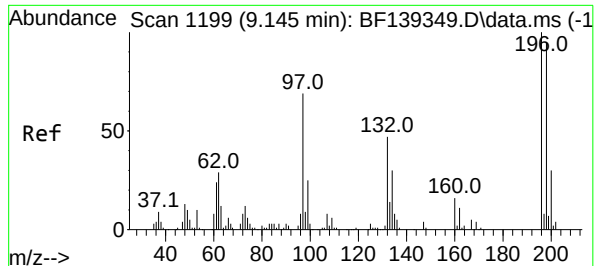
Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.7	42.7	82.7
272	11.1	0.0	32.5



#42
2,4,6-Tribromophenol
Concen: 83.413 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.2	112.8
141	38.9	31.2	46.8





#43

2,4,6-Trichlorophenol

Concen: 42.005 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.000 min

Lab File: BF139353.D

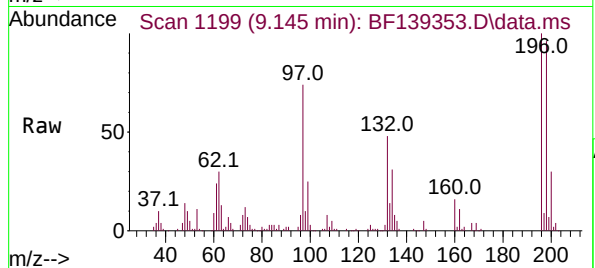
Acq: 13 Sep 2024 20:41

Instrument :

BNA_F

ClientSampleId :

ICVBF091324



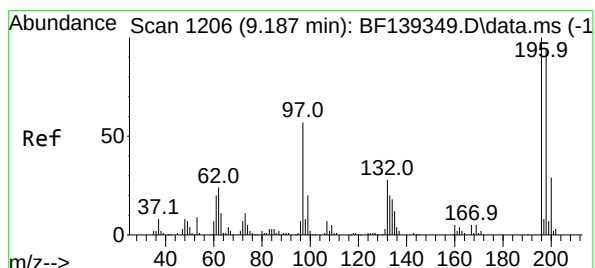
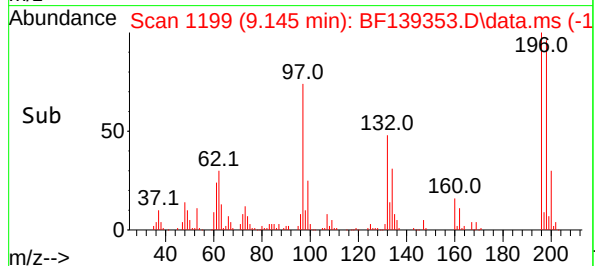
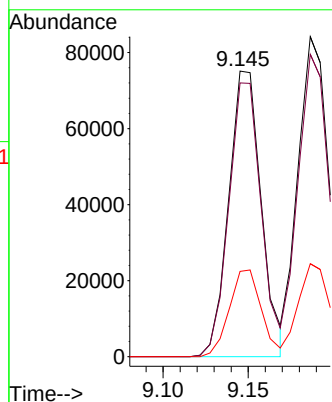
Tgt Ion:196 Resp: 99943

Ion Ratio Lower Upper

196 100

198 95.9 75.8 113.6

200 29.9 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 42.375 ng

RT: 9.186 min Scan# 1206

Delta R.T. -0.000 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

Tgt Ion:196 Resp: 106352

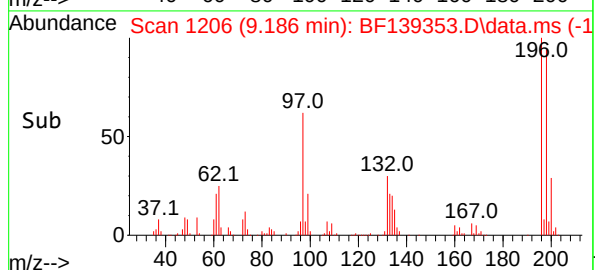
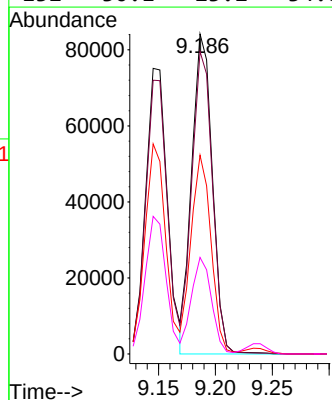
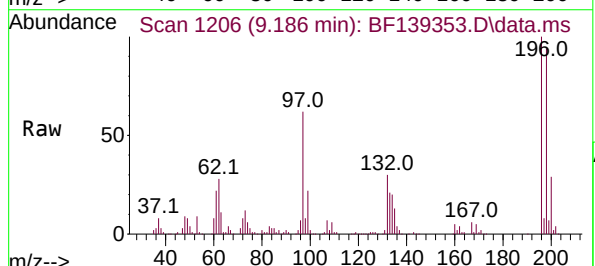
Ion Ratio Lower Upper

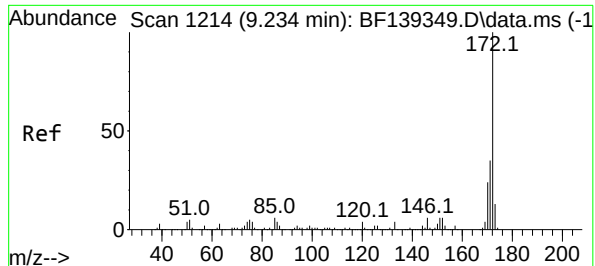
196 100

198 94.5 74.8 112.2

97 62.1 47.3 70.9

132 30.1 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 82.154 ng

RT: 9.239 min Scan# 1215

Delta R.T. 0.006 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

Instrument :

BNA_F

ClientSampleId :

ICVBF091324

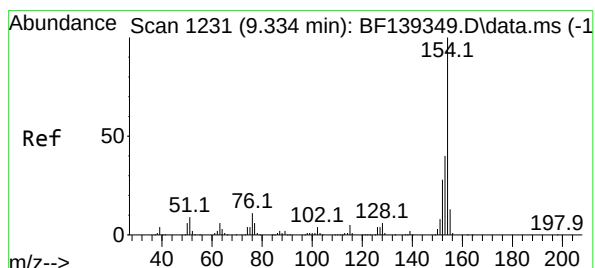
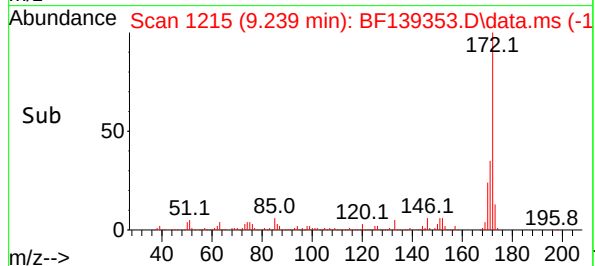
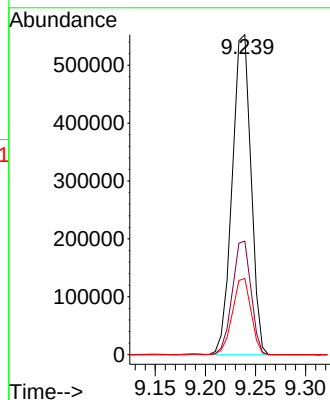
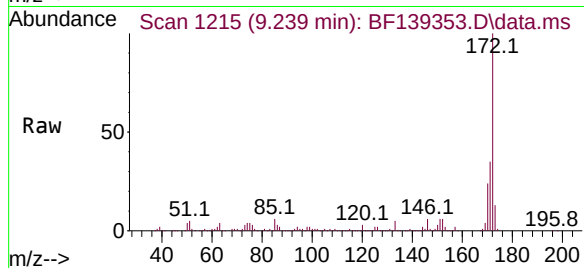
Tgt Ion:172 Resp: 722819

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.8 19.0 28.6



#46

1,1'-Biphenyl

Concen: 41.028 ng

RT: 9.339 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

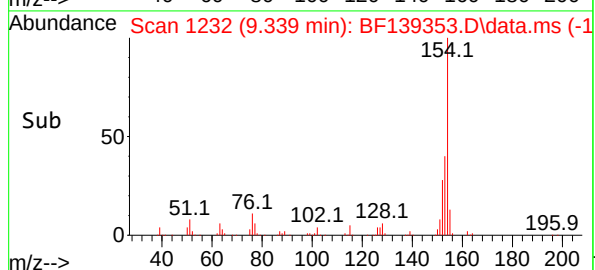
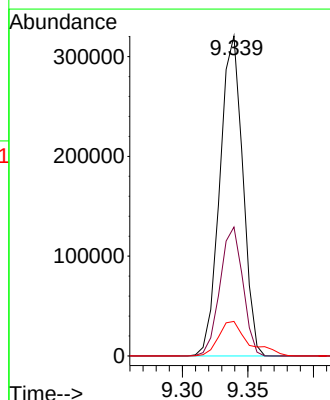
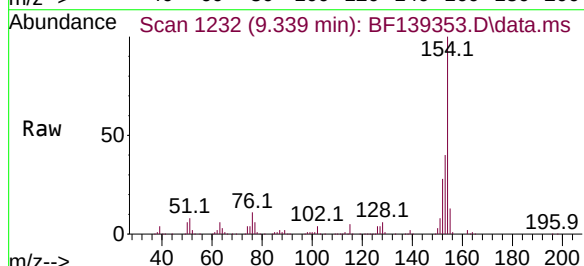
Tgt Ion:154 Resp: 389495

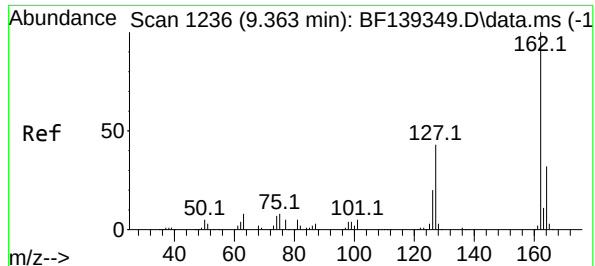
Ion Ratio Lower Upper

154 100

153 40.3 20.1 60.1

76 10.8 0.0 31.1





#47

2-Chloronaphthalene

Concen: 41.415 ng

RT: 9.363 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF139353.D

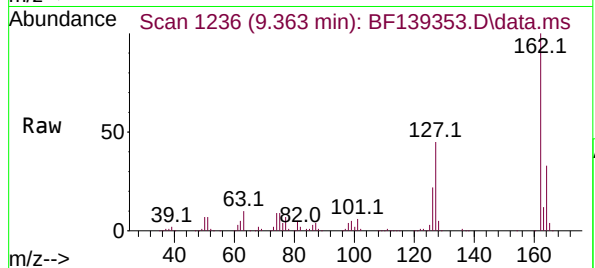
Acq: 13 Sep 2024 20:41

Instrument :

BNA_F

ClientSampleId :

ICVBF091324



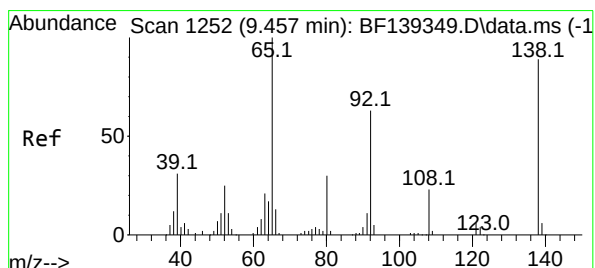
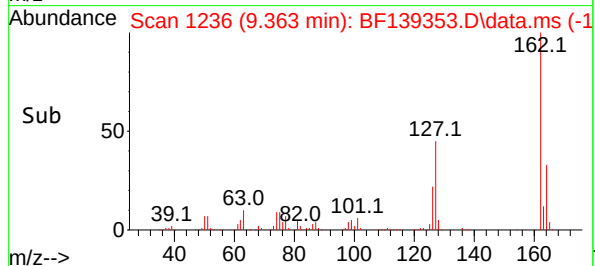
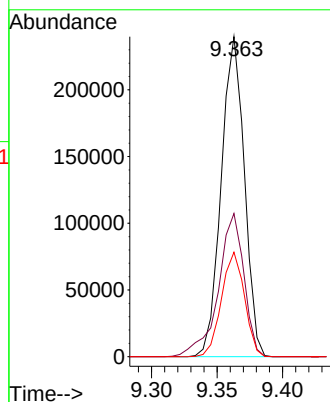
Tgt Ion:162 Resp: 293969

Ion Ratio Lower Upper

162 100

127 44.8 35.0 52.4

164 32.6 25.8 38.6



#48

2-Nitroaniline

Concen: 42.689 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

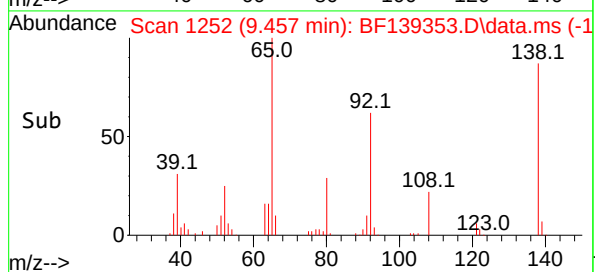
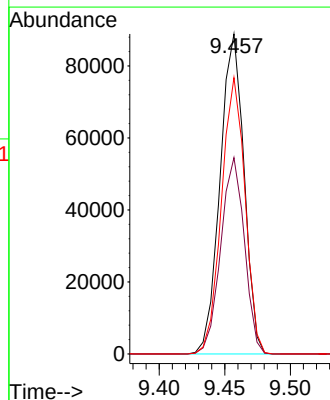
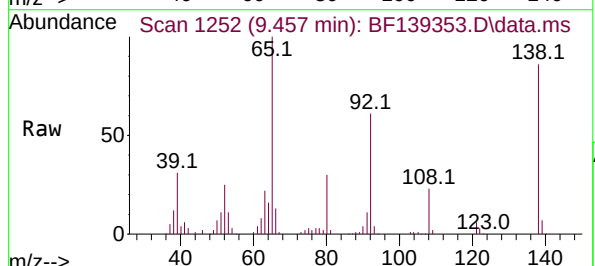
Tgt Ion: 65 Resp: 112704

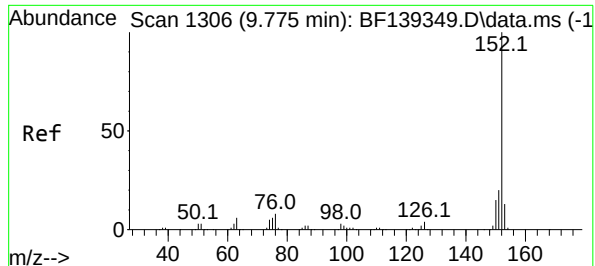
Ion Ratio Lower Upper

65 100

92 61.4 50.3 75.5

138 86.4 71.3 106.9





#49

Acenaphthylene

Concen: 41.065 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

Instrument :

BNA_F

ClientSampleId :

ICVBF091324

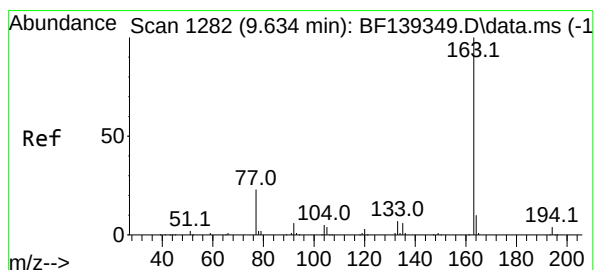
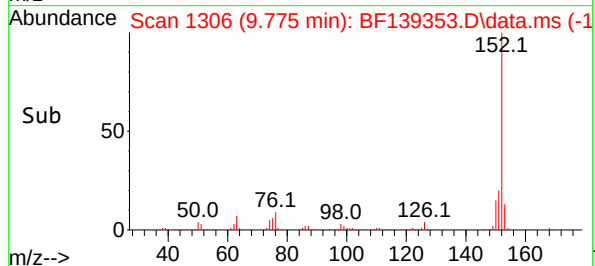
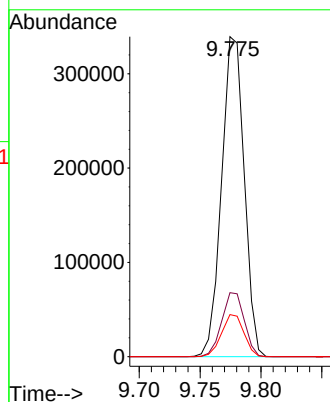
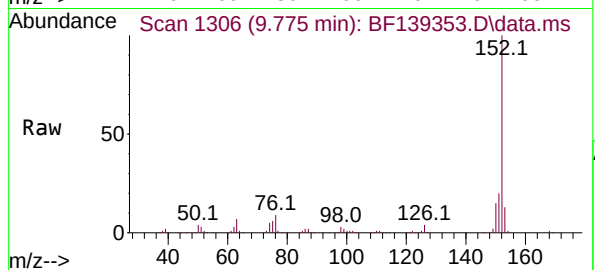
Tgt Ion:152 Resp: 438775

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.2

153 13.2 10.3 15.5



#50

Dimethylphthalate

Concen: 40.917 ng

RT: 9.639 min Scan# 1283

Delta R.T. 0.006 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

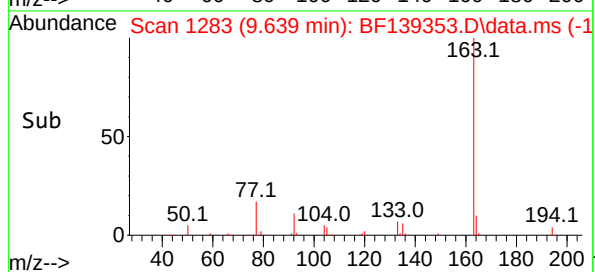
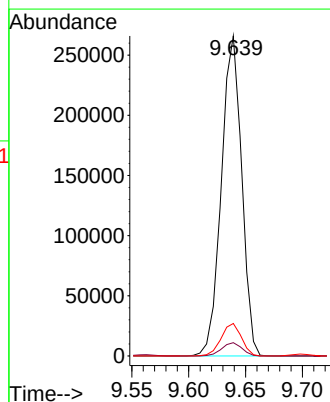
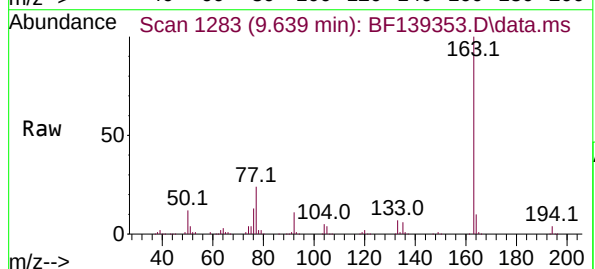
Tgt Ion:163 Resp: 331392

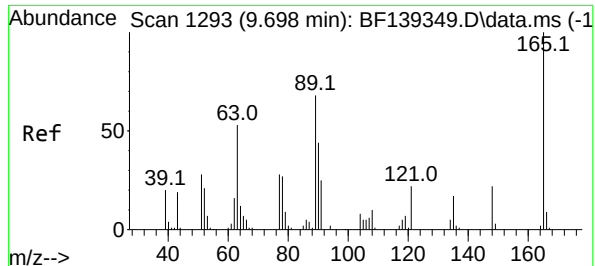
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.1 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 43.082 ng

RT: 9.698 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

Instrument :

BNA_F

ClientSampleId :

ICVBF091324

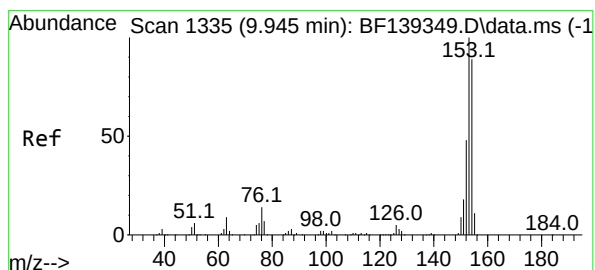
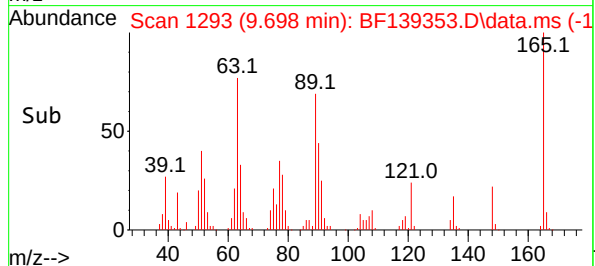
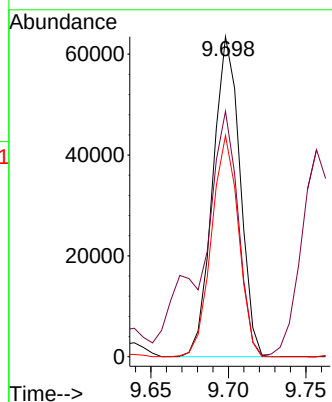
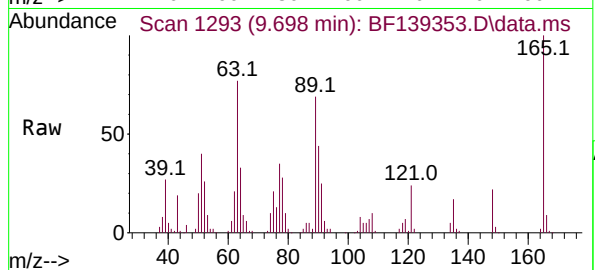
Tgt Ion:165 Resp: 77298

Ion Ratio Lower Upper

165 100

63 76.7 60.9 91.3

89 69.1 54.7 82.1



#52

Acenaphthene

Concen: 41.632 ng

RT: 9.951 min Scan# 1336

Delta R.T. 0.006 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

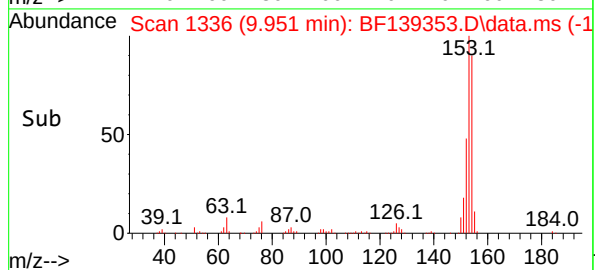
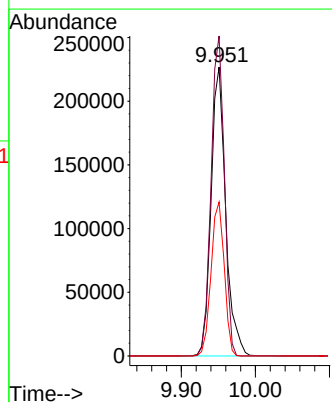
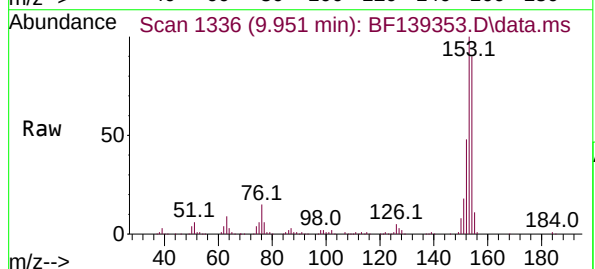
Tgt Ion:154 Resp: 310457

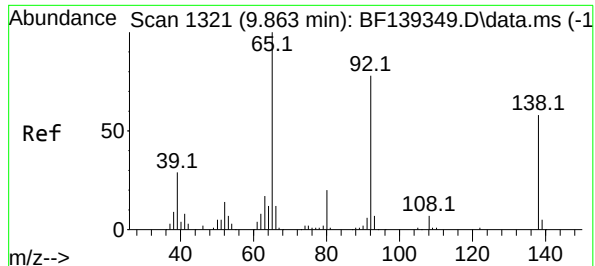
Ion Ratio Lower Upper

154 100

153 110.8 89.5 134.3

152 53.3 42.6 64.0

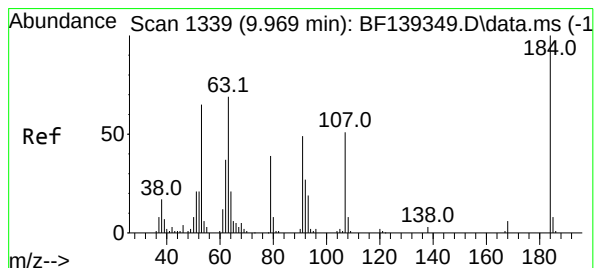
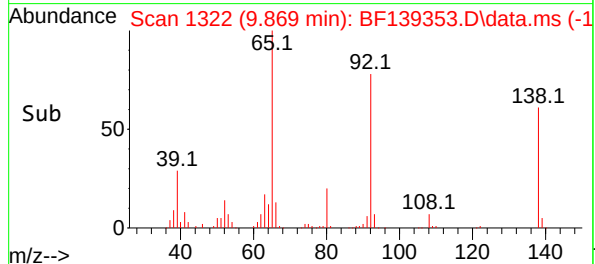
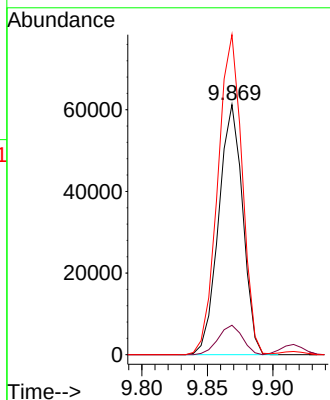
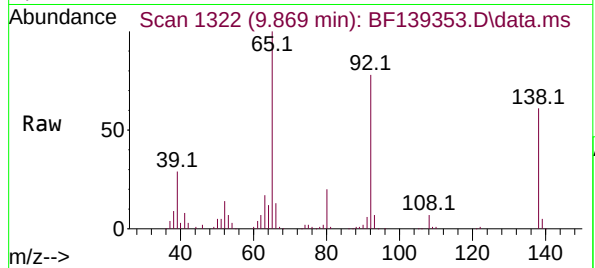




#53
3-Nitroaniline
Concen: 43.619 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

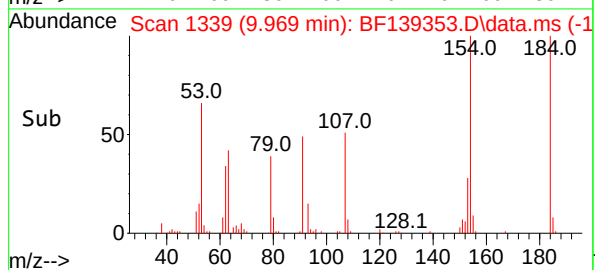
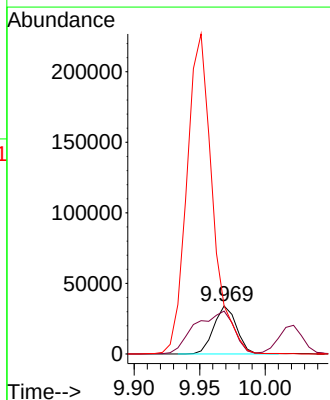
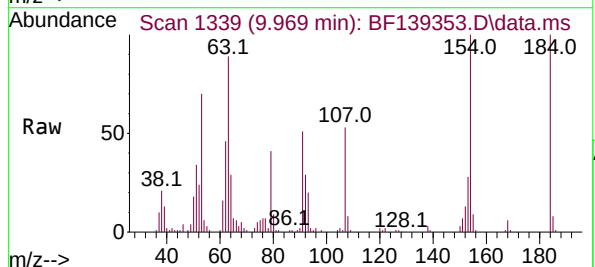
Instrument :
BNA_F
ClientSampleId :
ICVBF091324

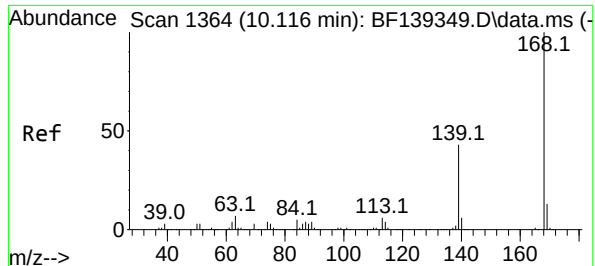
Tgt Ion:138 Resp: 78213
Ion Ratio Lower Upper
138 100
108 11.8 9.8 14.8
92 128.0 107.4 161.2



#54
2,4-Dinitrophenol
Concen: 41.271 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:184 Resp: 41262
Ion Ratio Lower Upper
184 100
63 89.1 69.3 103.9
154 99.8 67.5 101.3

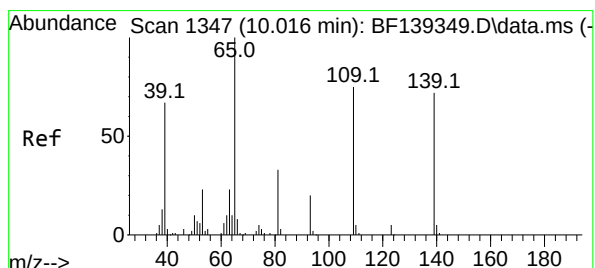
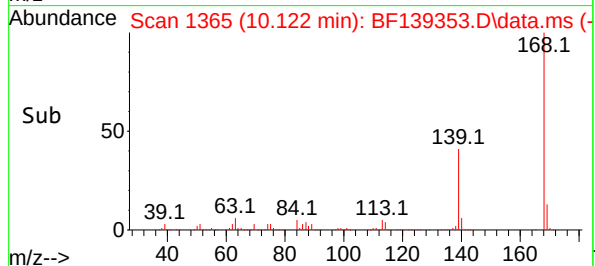
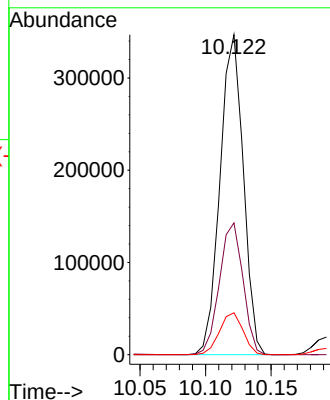
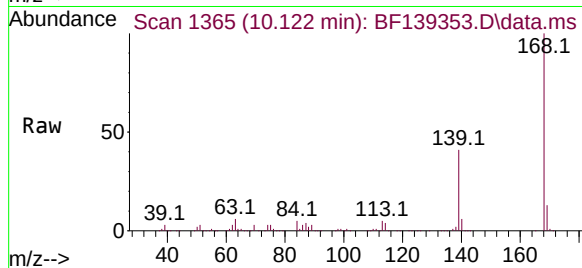




#55
Dibenzenofuran
Concen: 41.190 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

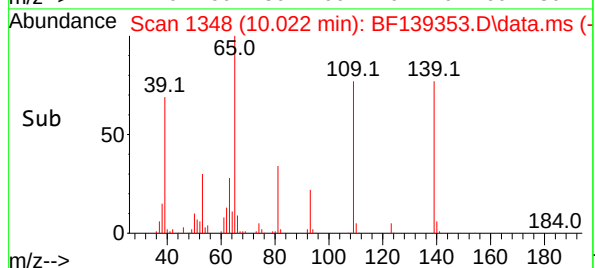
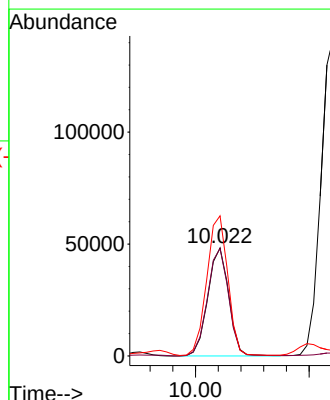
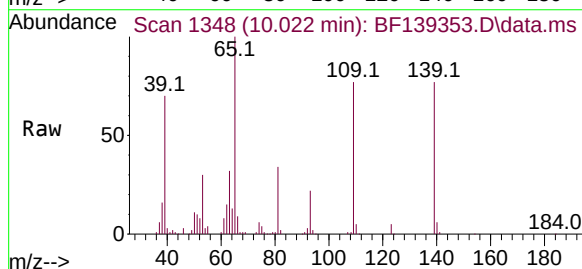
Instrument :
BNA_F
ClientSampleId :
ICVBF091324

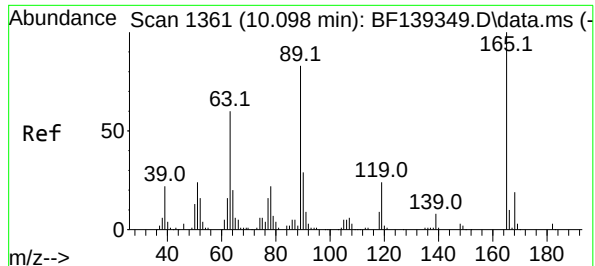
Tgt Ion:168 Resp: 428132
Ion Ratio Lower Upper
168 100
139 41.2 34.1 51.1
169 13.1 10.5 15.7



#56
4-Nitrophenol
Concen: 41.679 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

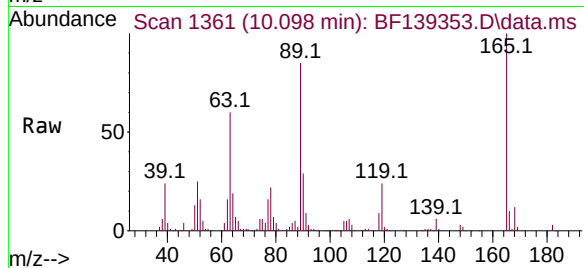
Tgt Ion:139 Resp: 61840
Ion Ratio Lower Upper
139 100
109 99.6 84.1 124.1
65 129.8 120.0 160.0



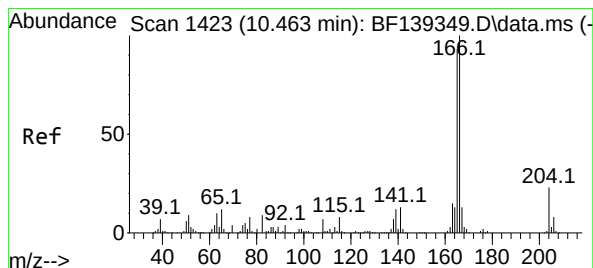
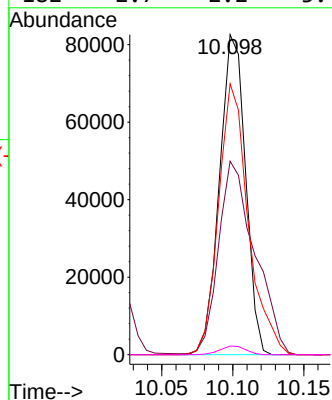
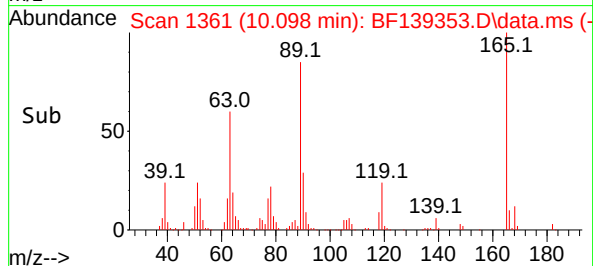


#57
2,4-Dinitrotoluene
Concen: 43.441 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

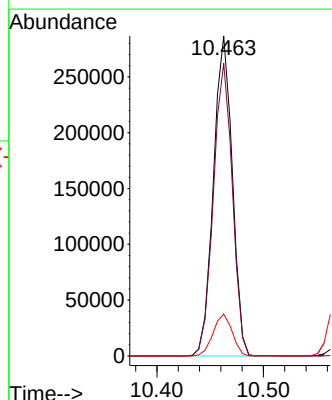
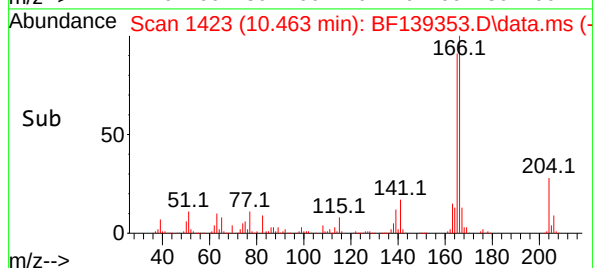
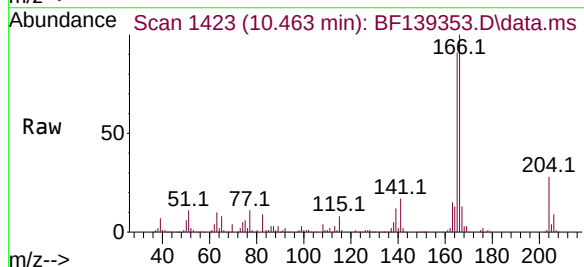


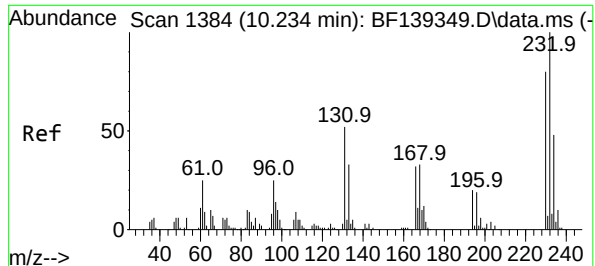
Tgt Ion:165 Resp: 105229
Ion Ratio Lower Upper
165 100
63 60.5 47.8 71.6
89 84.7 66.7 100.1
182 2.7 2.2 3.4



#58
Fluorene
Concen: 41.538 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:166 Resp: 352269
Ion Ratio Lower Upper
166 100
165 91.4 74.5 111.7
167 13.1 10.6 16.0

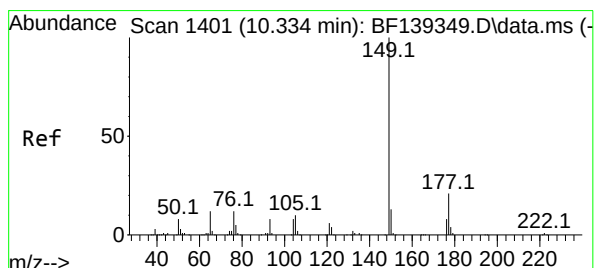
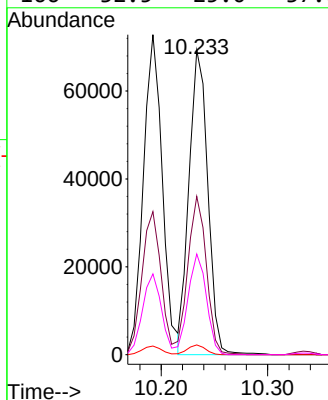
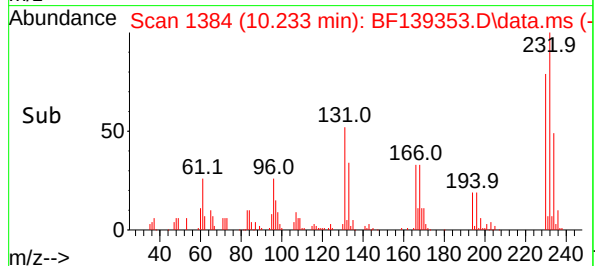
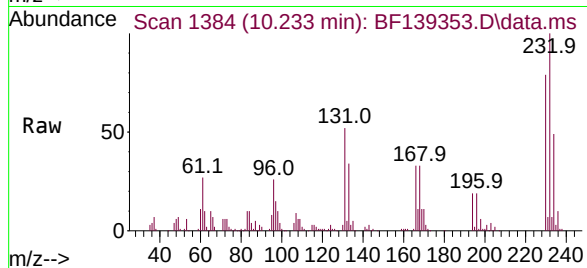




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.958 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

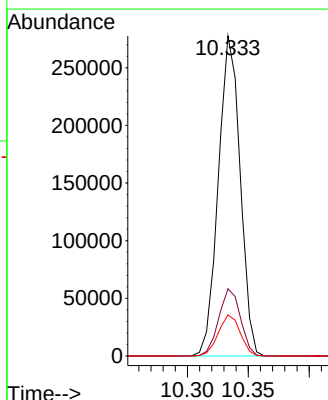
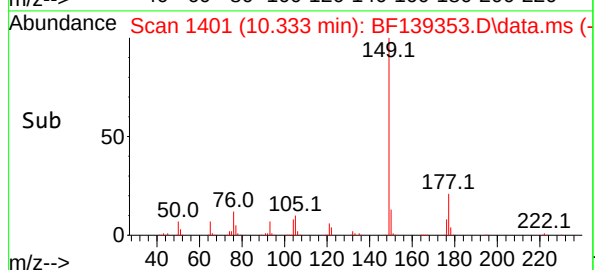
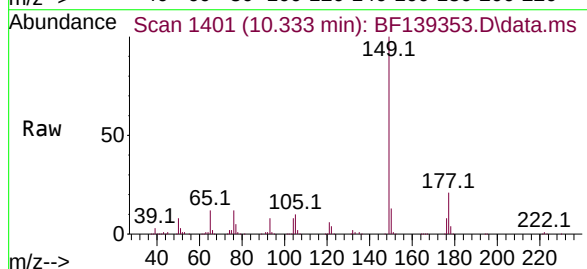
Instrument :
BNA_F
ClientSampleId :
ICVBF091324

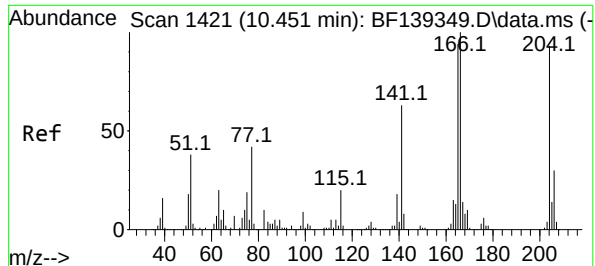
Tgt Ion:232 Resp: 85035
Ion Ratio Lower Upper
232 100
131 51.6 40.7 61.1
130 3.1 2.2 3.2
166 32.5 25.0 37.6



#60
Diethylphthalate
Concen: 41.455 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:149 Resp: 346481
Ion Ratio Lower Upper
149 100
177 21.0 16.6 24.8
150 12.9 10.6 15.8

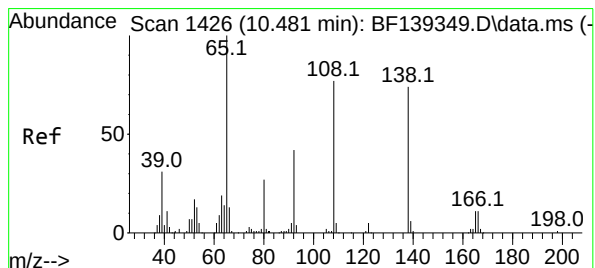
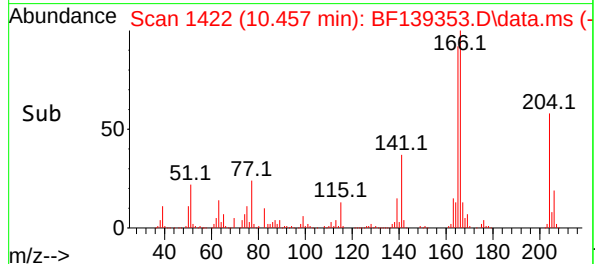
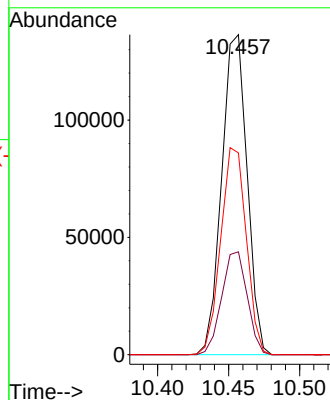
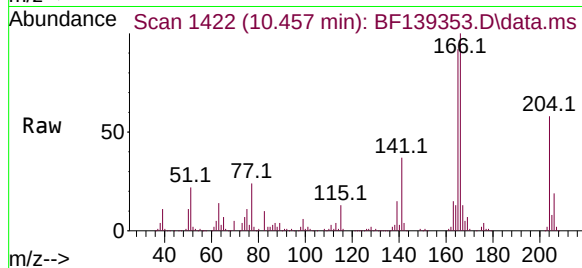




#61
4-Chlorophenyl-phenylether
Concen: 41.227 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

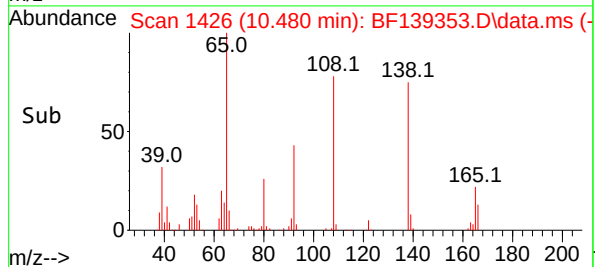
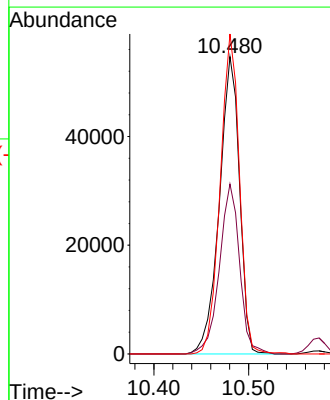
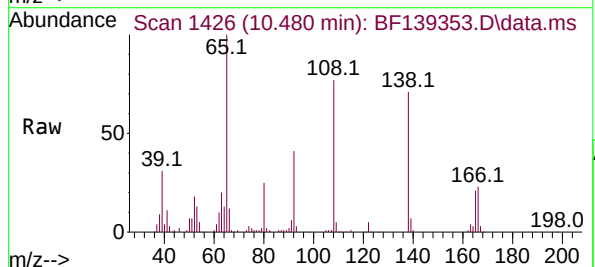
Instrument :
BNA_F
ClientSampleId :
ICVBF091324

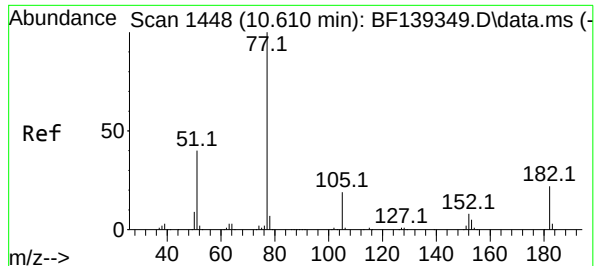
Tgt Ion:204 Resp: 169915
Ion Ratio Lower Upper
204 100
206 32.1 26.2 39.2
141 63.1 53.9 80.9



#62
4-Nitroaniline
Concen: 41.297 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:138 Resp: 80817
Ion Ratio Lower Upper
138 100
92 57.1 37.0 77.0
108 107.6 84.4 124.4

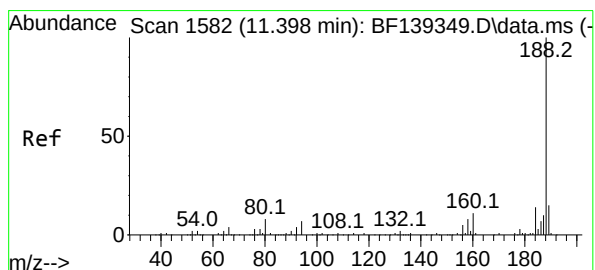
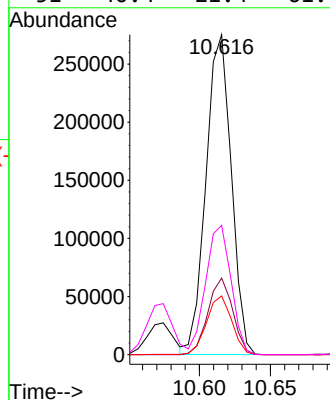
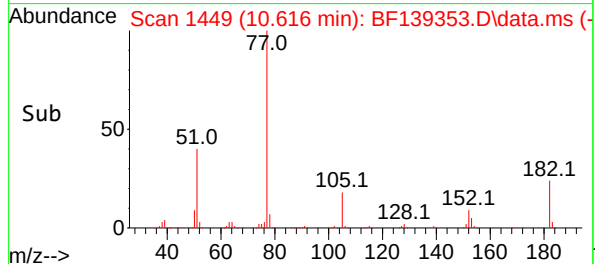
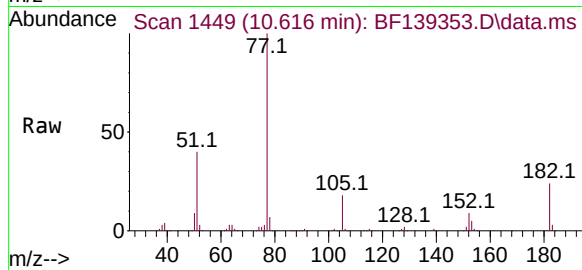




#63
Azobenzene
Concen: 41.589 ng
RT: 10.616 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

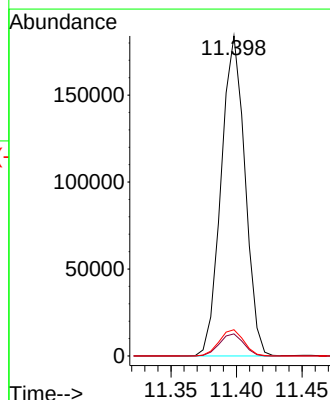
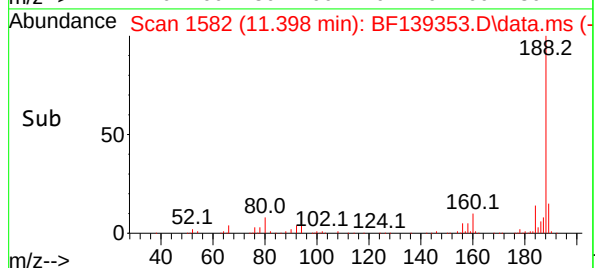
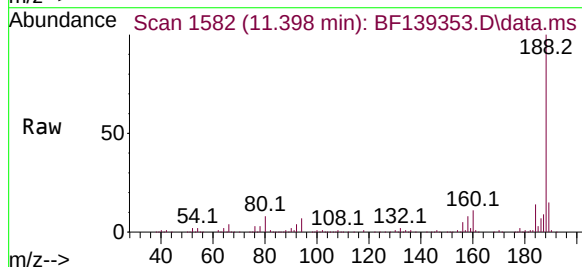
Instrument :
BNA_F
ClientSampleId :
ICVBF091324

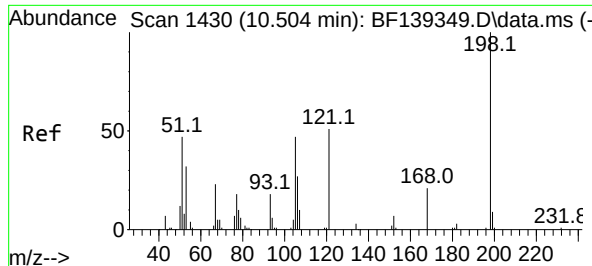
Tgt Ion:	77	Resp:	341882
Ion	Ratio	Lower	Upper
77	100		
182	24.0	1.8	41.8
105	18.4	0.0	38.6
51	40.4	21.4	61.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:	188	Resp:	232644
Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.5	8.3
80	8.2	6.6	9.8

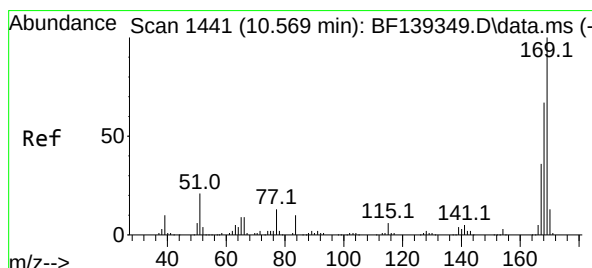
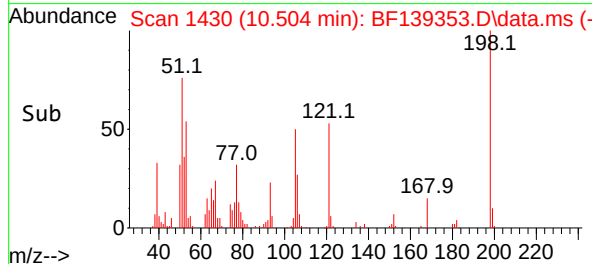
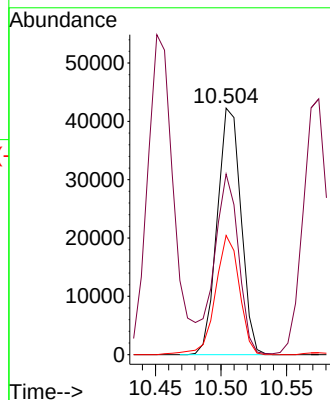
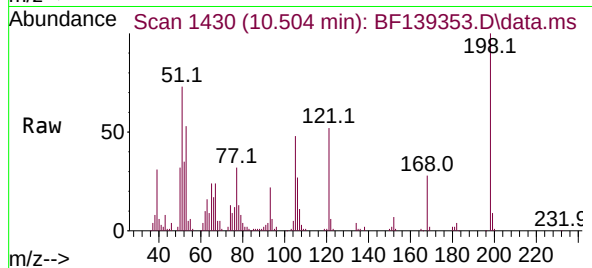




#65
4,6-Dinitro-2-methylphenol
Concen: 43.348 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

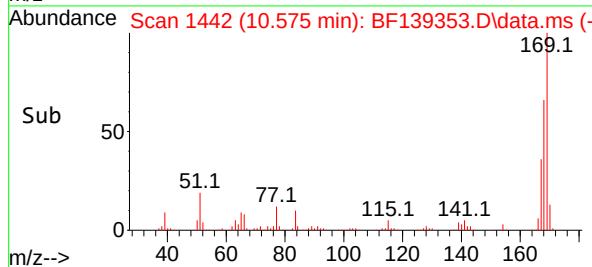
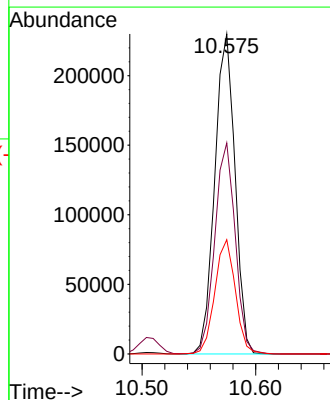
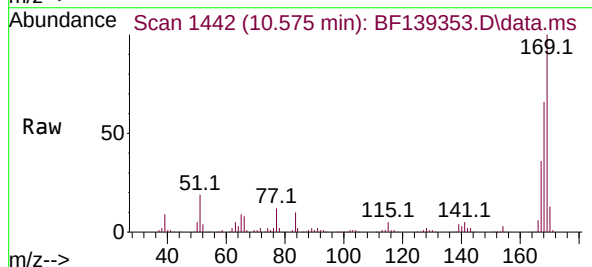
Instrument :
BNA_F
ClientSampleId :
ICVBF091324

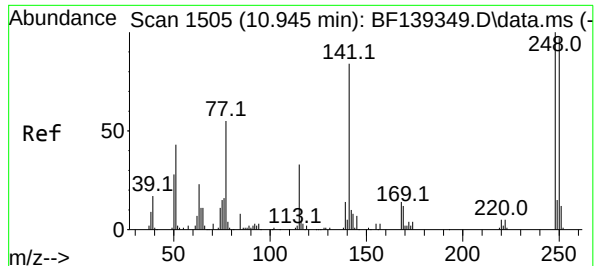
Tgt Ion:198 Resp: 53225
Ion Ratio Lower Upper
198 100
51 73.3 50.4 90.4
105 48.3 28.3 68.3



#66
n-Nitrosodiphenylamine
Concen: 41.916 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:169 Resp: 285103
Ion Ratio Lower Upper
169 100
168 66.0 53.6 80.4
167 35.7 28.7 43.1

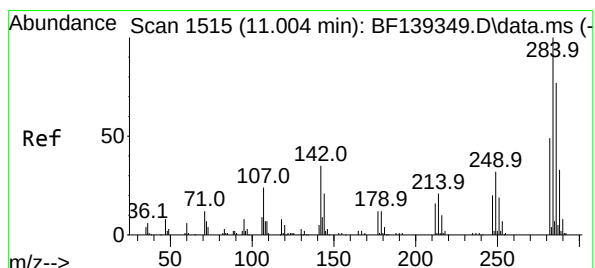
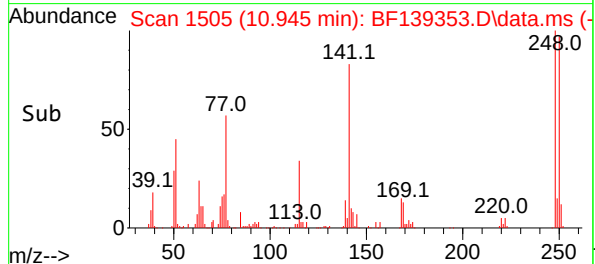
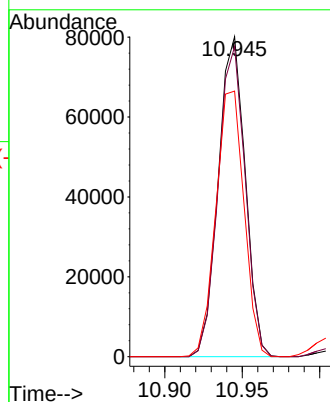
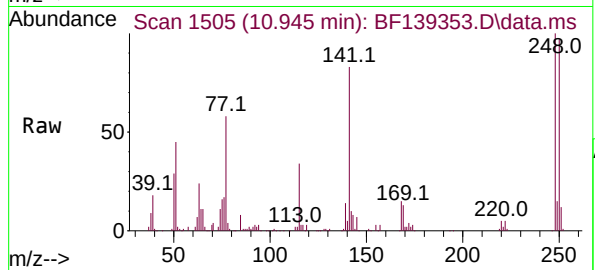




#67
4-Bromophenyl-phenylether
Concen: 42.063 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

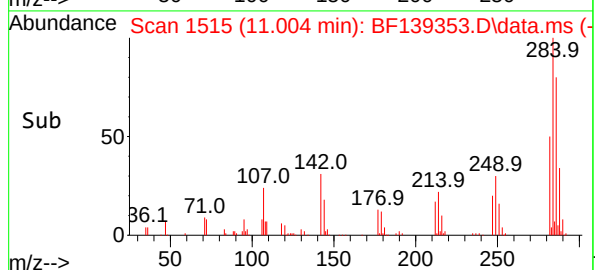
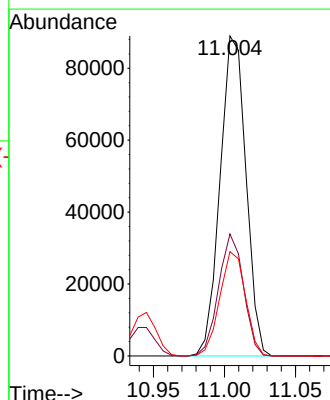
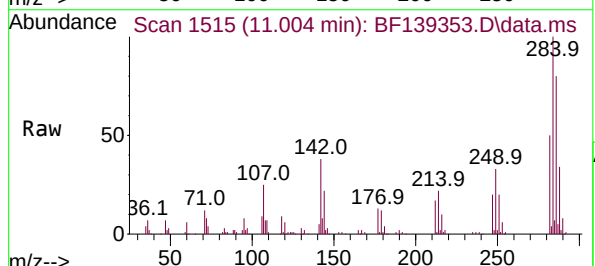
Instrument :
BNA_F
ClientSampleId :
ICVBF091324

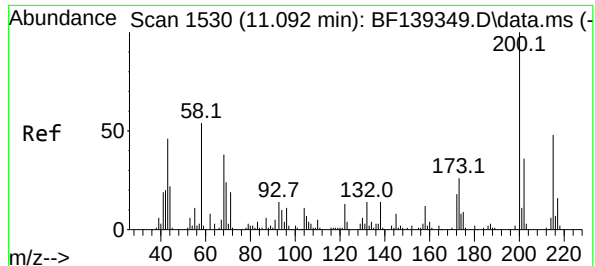
Tgt Ion:248 Resp: 96974
Ion Ratio Lower Upper
248 100
250 96.9 77.6 116.4
141 83.0 66.9 100.3



#68
Hexachlorobenzene
Concen: 41.637 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:284 Resp: 112658
Ion Ratio Lower Upper
284 100
142 38.1 28.0 42.0
249 32.6 25.3 37.9





#69

Atrazine

Concen: 35.101 ng

RT: 11.092 min Scan# 1530

Delta R.T. -0.000 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

Instrument :

BNA_F

ClientSampleId :

ICVBF091324

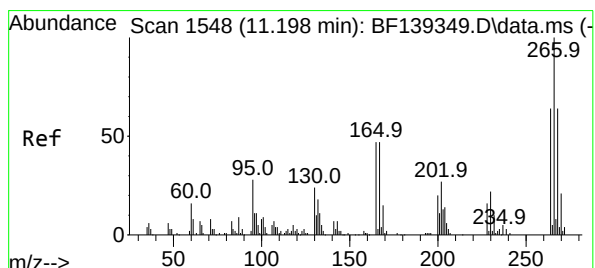
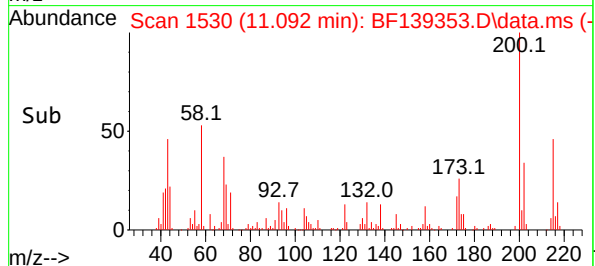
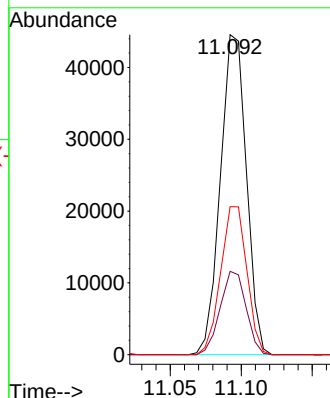
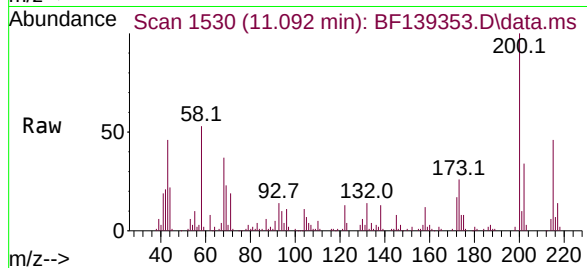
Tgt Ion:200 Resp: 56838

Ion Ratio Lower Upper

200 100

173 26.0 6.1 46.1

215 46.3 28.2 68.2



#70

Pentachlorophenol

Concen: 43.112 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.000 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

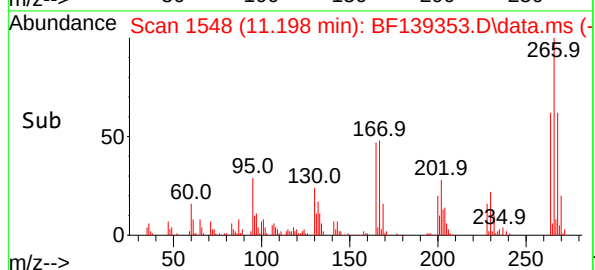
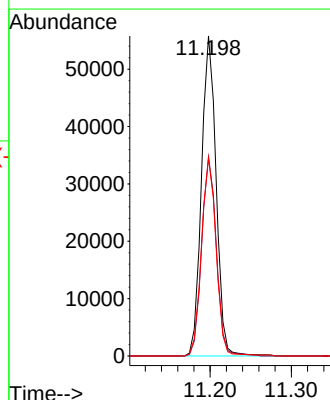
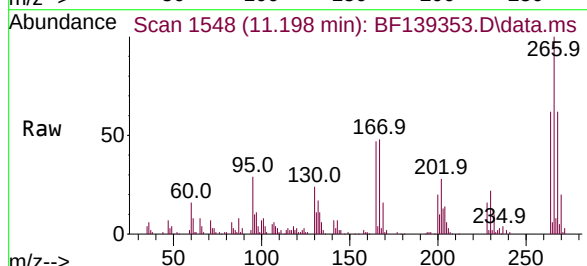
Tgt Ion:266 Resp: 69995

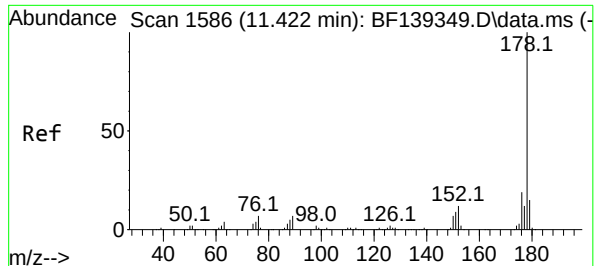
Ion Ratio Lower Upper

266 100

268 62.2 51.1 76.7

264 61.8 51.4 77.0





#71

Phenanthrene

Concen: 41.537 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.000 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

Instrument :

BNA_F

ClientSampleId :

ICVBF091324

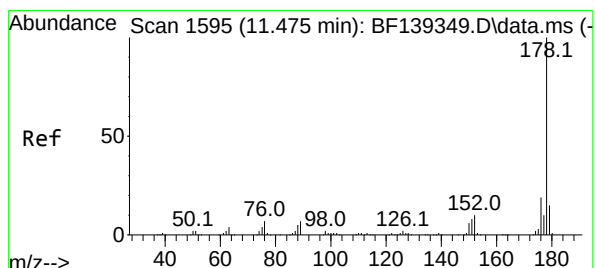
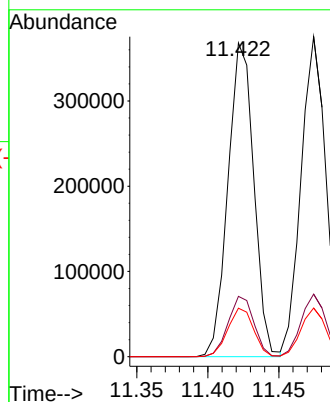
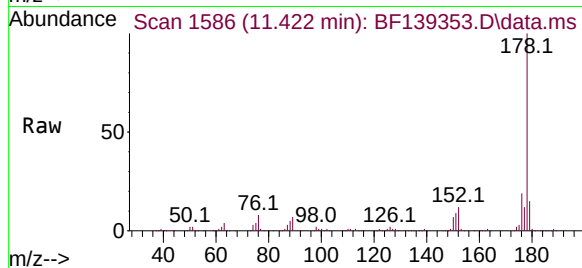
Tgt Ion:178 Resp: 466219

Ion Ratio Lower Upper

178 100

176 19.2 15.2 22.8

179 15.5 12.2 18.4



#72

Anthracene

Concen: 41.446 ng

RT: 11.474 min Scan# 1595

Delta R.T. -0.000 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

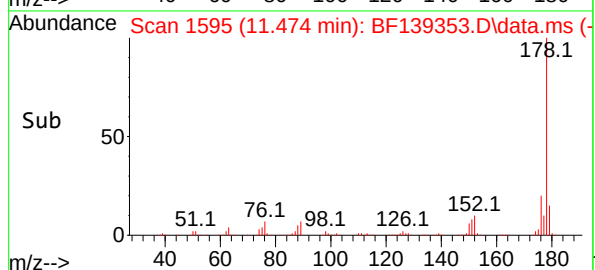
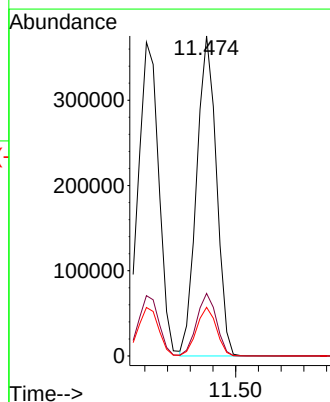
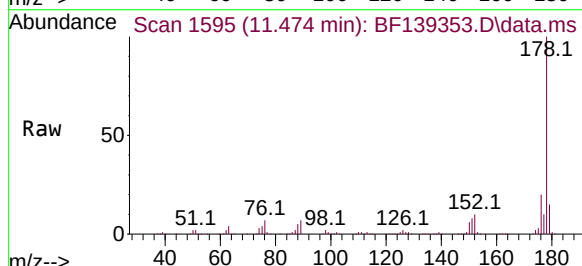
Tgt Ion:178 Resp: 454834

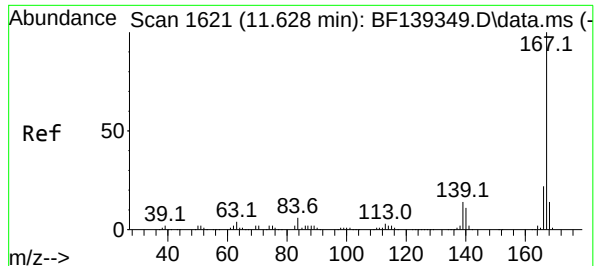
Ion Ratio Lower Upper

178 100

176 19.5 15.0 22.6

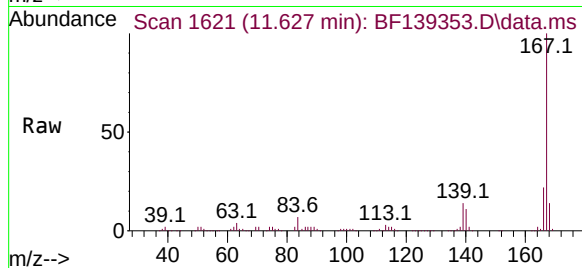
179 15.2 12.0 18.0



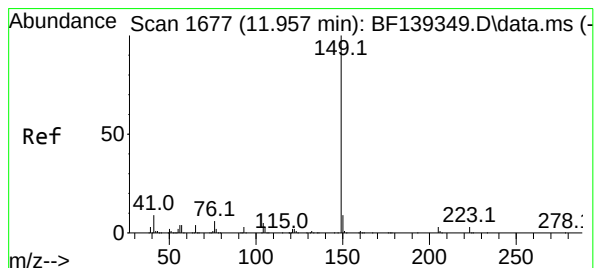
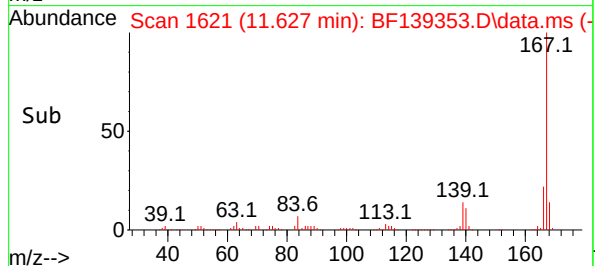
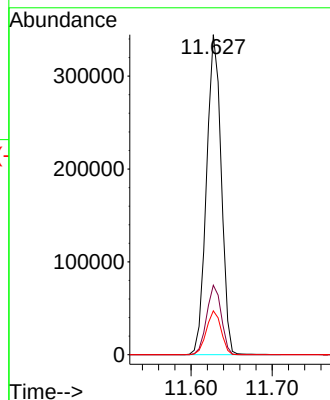


#73
Carbazole
Concen: 41.161 ng
RT: 11.627 min Scan# 1621
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

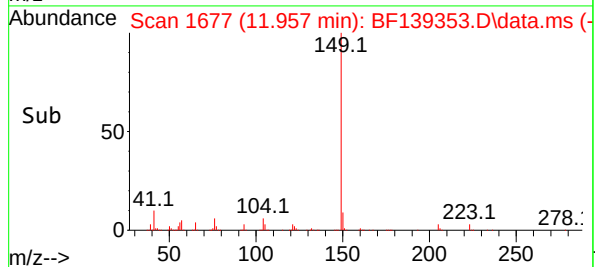
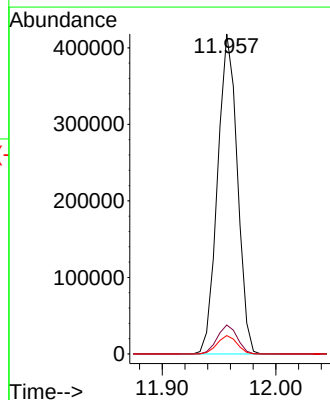
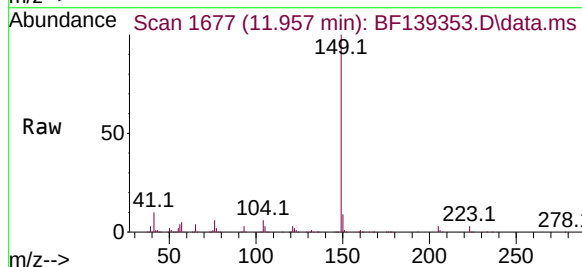


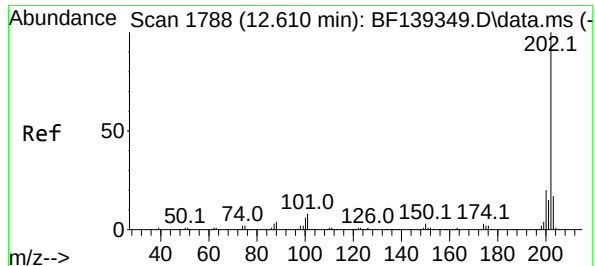
Tgt Ion:167 Resp: 432323
Ion Ratio Lower Upper
167 100
166 21.7 17.5 26.3
139 13.7 10.9 16.3



#74
Di-n-butylphthalate
Concen: 43.260 ng
RT: 11.957 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:149 Resp: 506151
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 5.8 4.3 6.5

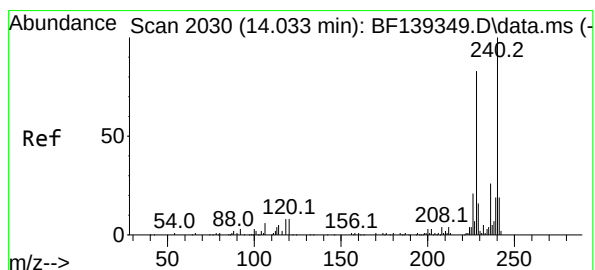
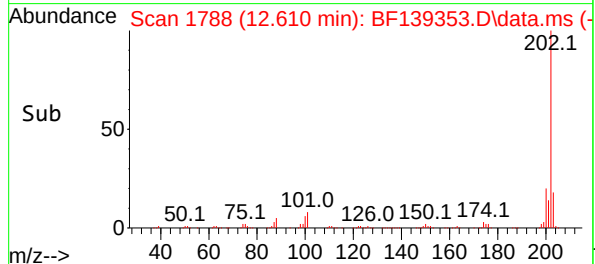
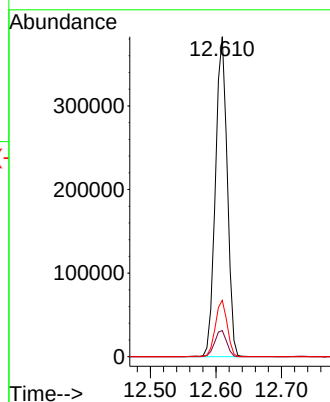
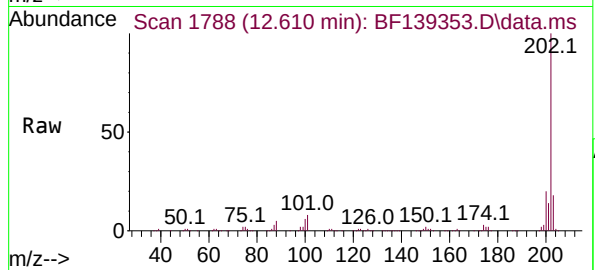




#75
Fluoranthene
Concen: 39.911 ng
RT: 12.610 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

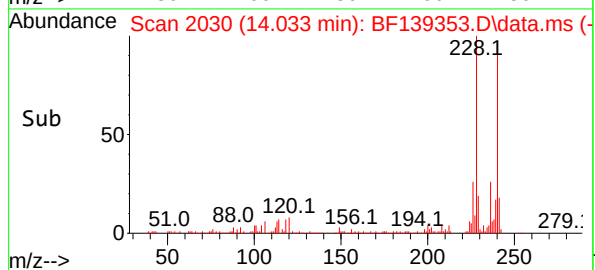
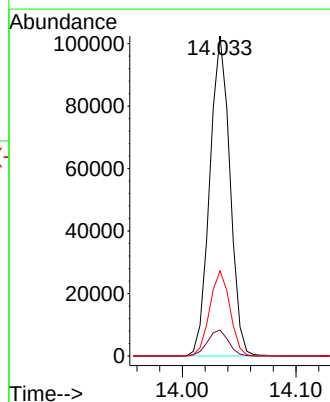
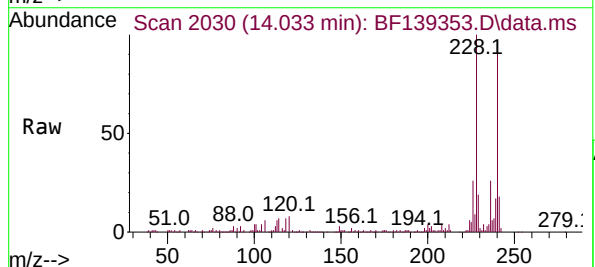
Instrument :
BNA_F
ClientSampleId :
ICVBF091324

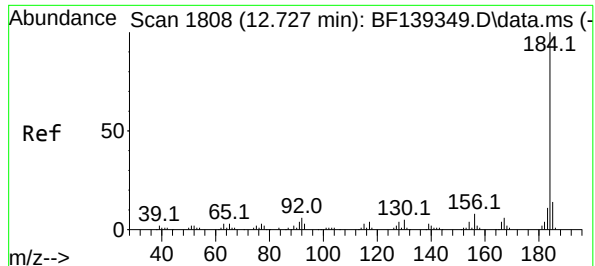
Tgt Ion:202 Resp: 478394
Ion Ratio Lower Upper
202 100
101 8.2 0.0 27.7
203 17.6 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:240 Resp: 126339
Ion Ratio Lower Upper
240 100
120 8.1 6.2 9.2
236 26.6 20.9 31.3





#77

Benzidine

Concen: 54.902 ng

RT: 12.727 min Scan# 1808

Delta R.T. -0.000 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

Instrument :

BNA_F

ClientSampleId :

ICVBF091324

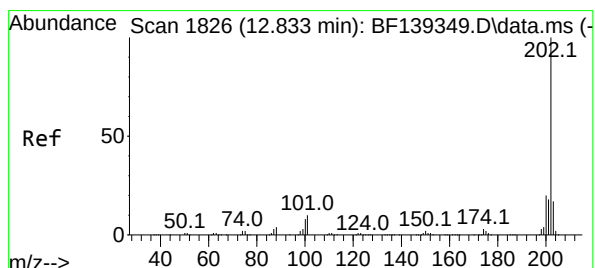
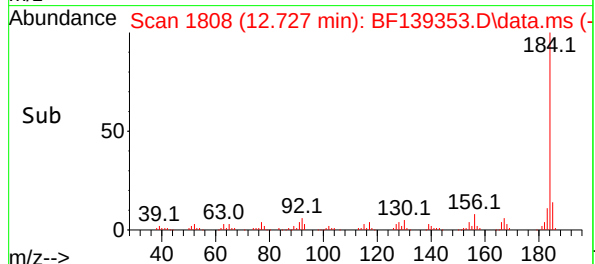
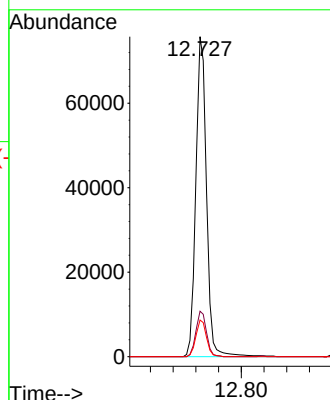
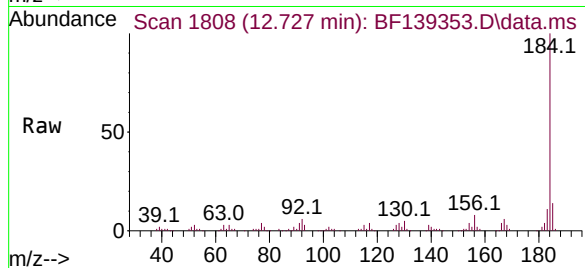
Tgt Ion:184 Resp: 99376

Ion Ratio Lower Upper

184 100

185 14.2 11.5 17.3

183 11.5 8.9 13.3



#78

Pyrene

Concen: 43.433 ng

RT: 12.839 min Scan# 1827

Delta R.T. 0.006 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

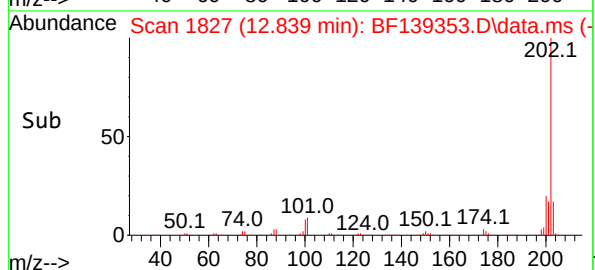
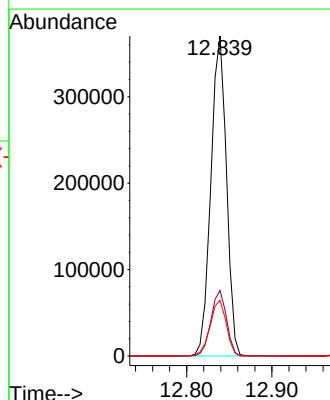
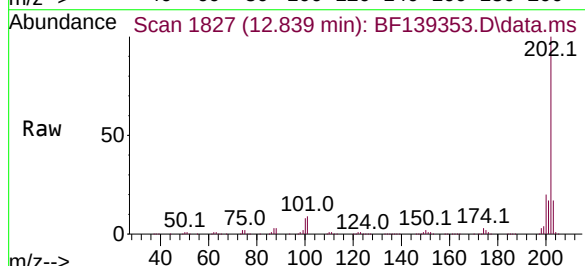
Tgt Ion:202 Resp: 471161

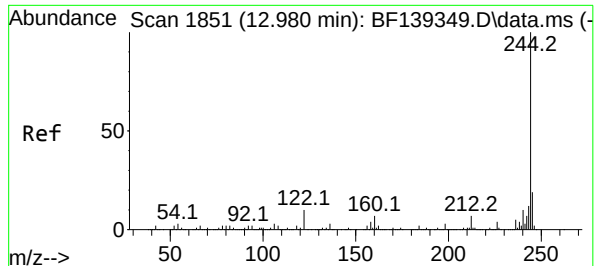
Ion Ratio Lower Upper

202 100

200 20.5 16.2 24.2

203 17.4 13.9 20.9





#79

Terphenyl-d14

Concen: 87.992 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF139353.D

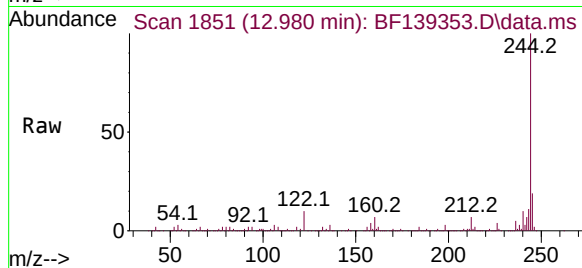
Acq: 13 Sep 2024 20:41

Instrument :

BNA_F

ClientSampleId :

ICVBF091324



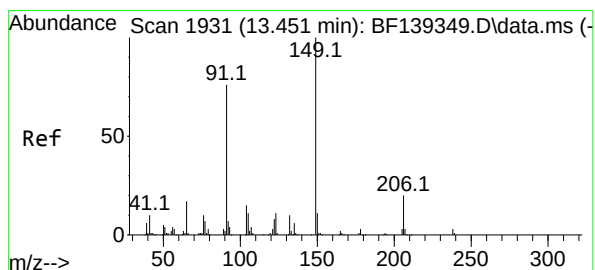
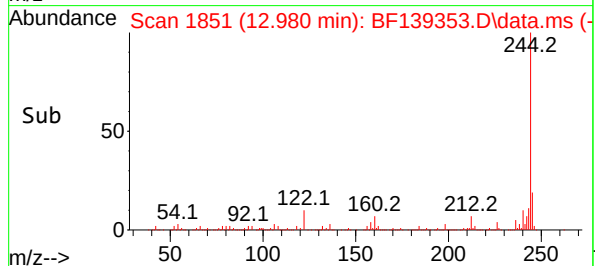
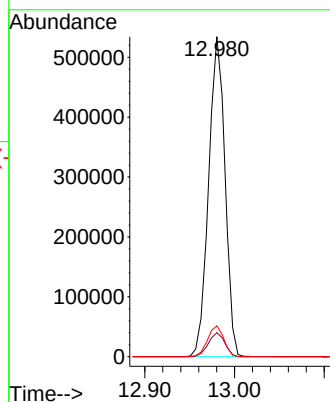
Tgt Ion:244 Resp: 677284

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 9.6 7.6 11.4



#80

Butylbenzylphthalate

Concen: 43.319 ng

RT: 13.457 min Scan# 1932

Delta R.T. 0.006 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

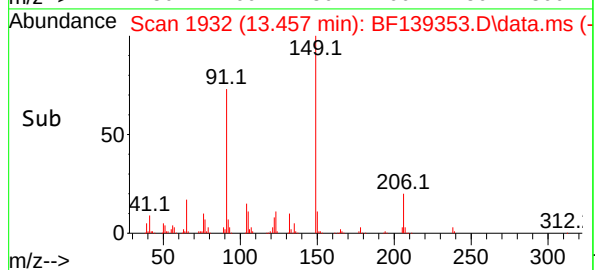
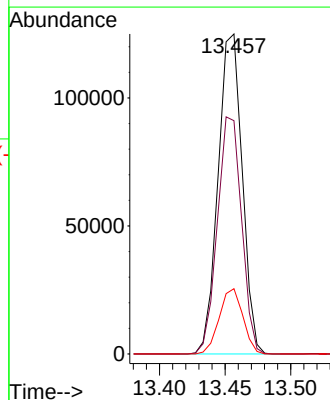
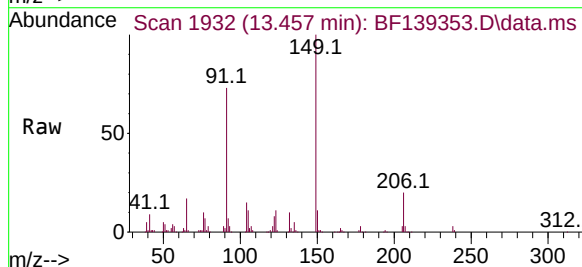
Tgt Ion:149 Resp: 159953

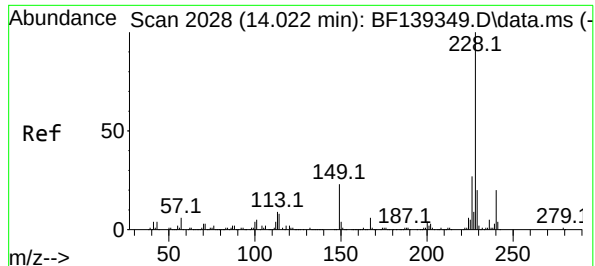
Ion Ratio Lower Upper

149 100

91 72.9 60.9 91.3

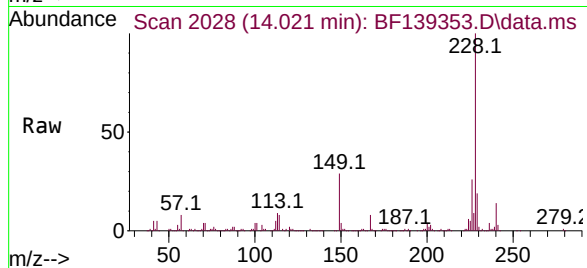
206 20.4 15.8 23.8



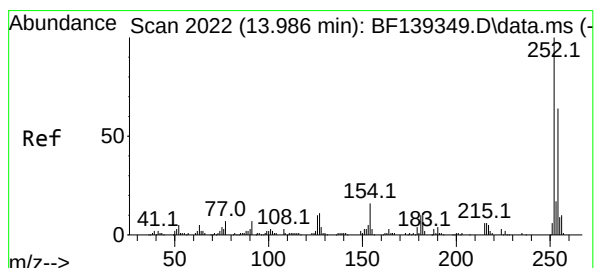
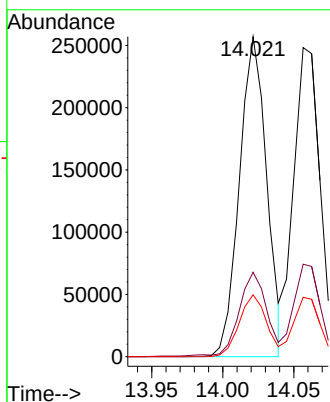
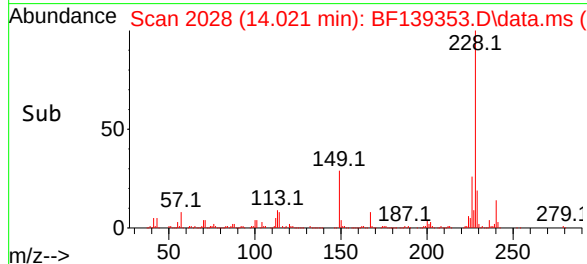


#81
Benzo(a)anthracene
Concen: 40.958 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

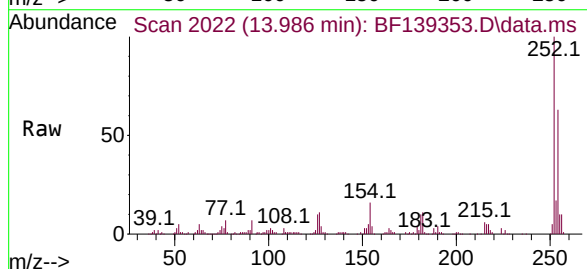
Instrument :
BNA_F
ClientSampleId :
ICVBF091324



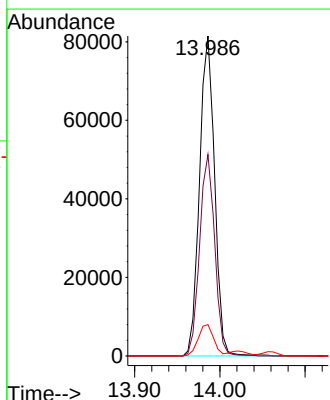
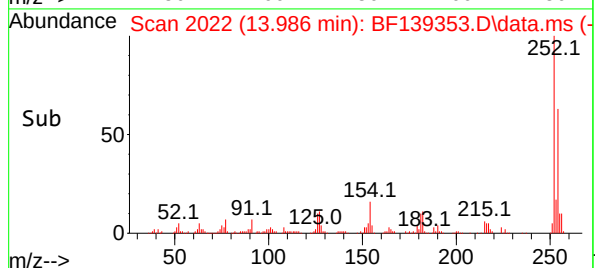
Tgt Ion:228 Resp: 342764
Ion Ratio Lower Upper
228 100
226 26.4 21.6 32.4
229 19.4 15.7 23.5

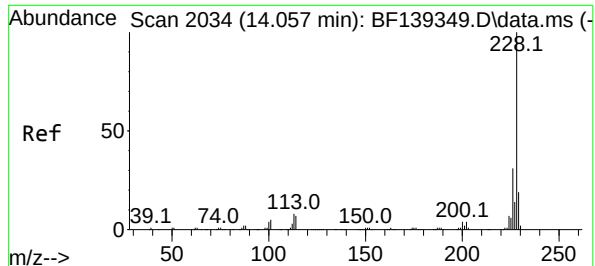


#82
3,3'-Dichlorobenzidine
Concen: 40.924 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41



Tgt Ion:252 Resp: 100295
Ion Ratio Lower Upper
252 100
254 63.0 51.4 77.2
126 9.8 7.7 11.5





#83

Chrysene

Concen: 41.606 ng

RT: 14.057 min Scan# 2034

Delta R.T. -0.000 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

Instrument :

BNA_F

ClientSampleId :

ICVBF091324

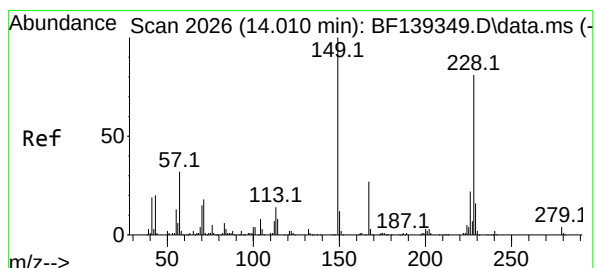
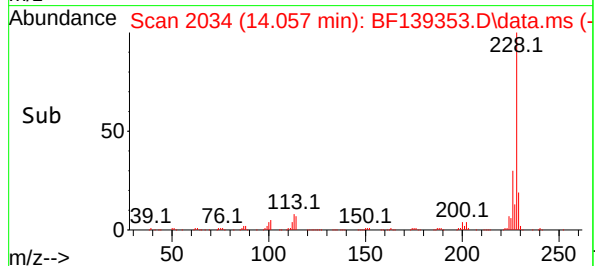
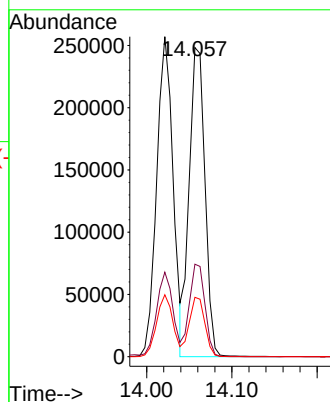
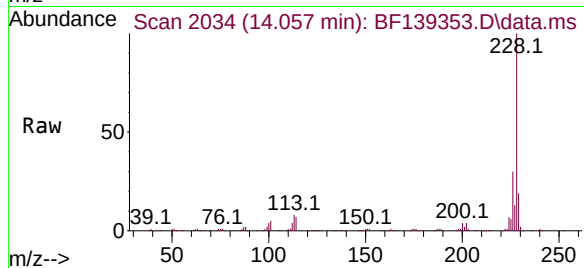
Tgt Ion:228 Resp: 320335

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

229 19.2 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.807 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

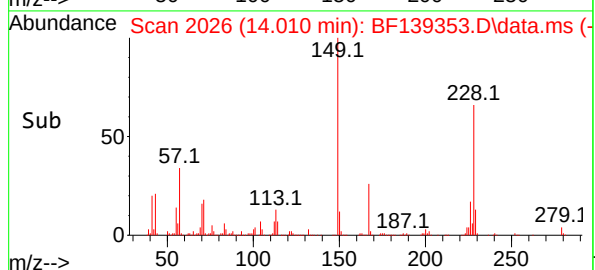
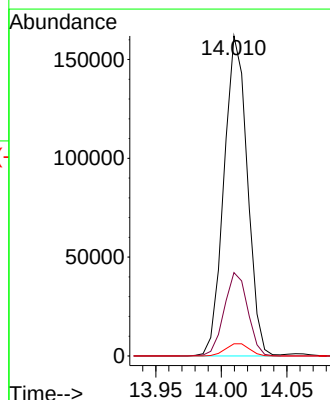
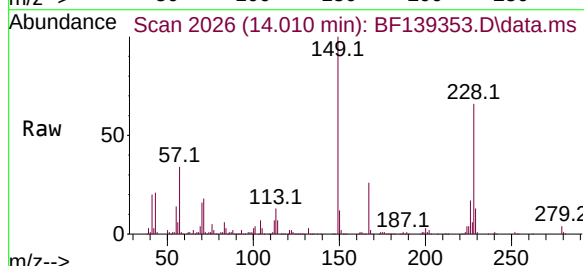
Tgt Ion:149 Resp: 201075

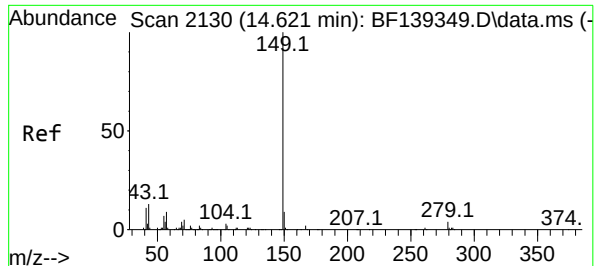
Ion Ratio Lower Upper

149 100

167 26.1 21.6 32.4

279 3.8 3.3 4.9

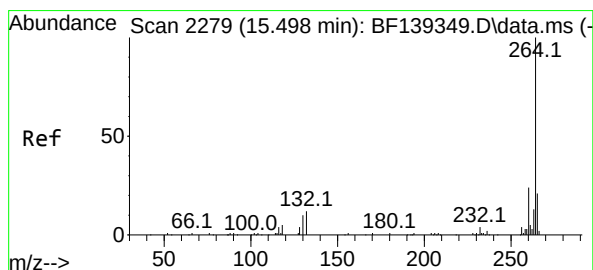
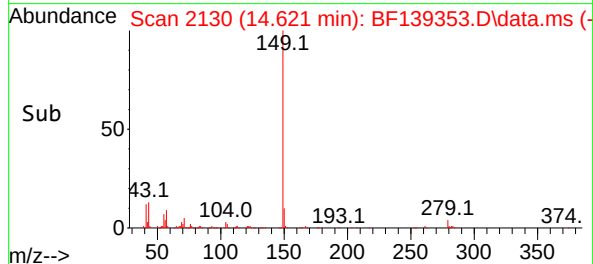
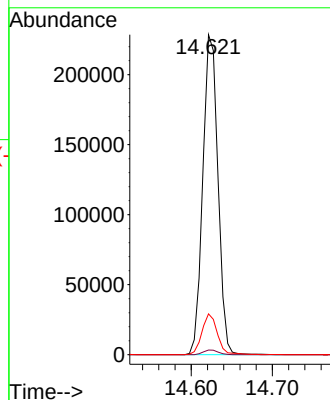
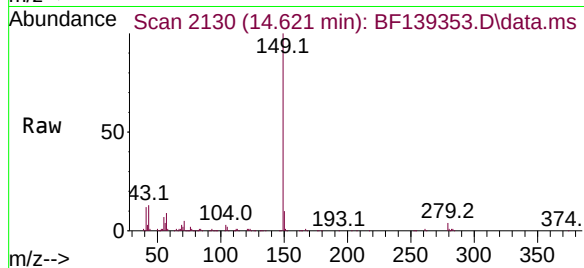




#85
Di-n-octyl phthalate
Concen: 42.744 ng
RT: 14.621 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

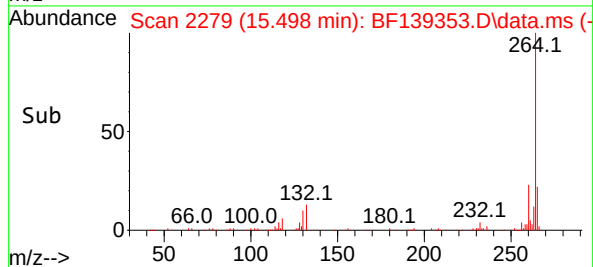
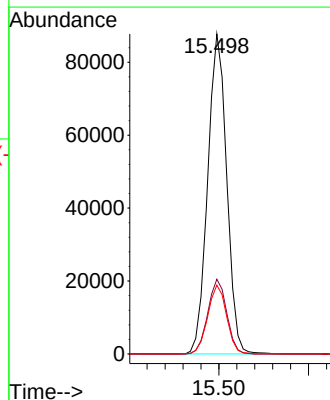
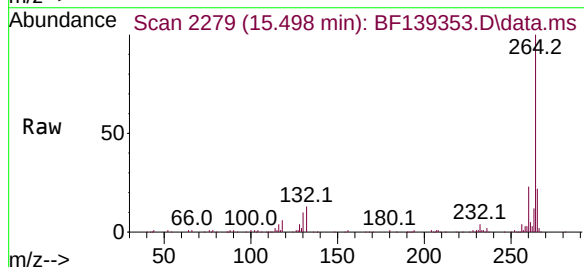
Instrument :
BNA_F
ClientSampleId :
ICVBF091324

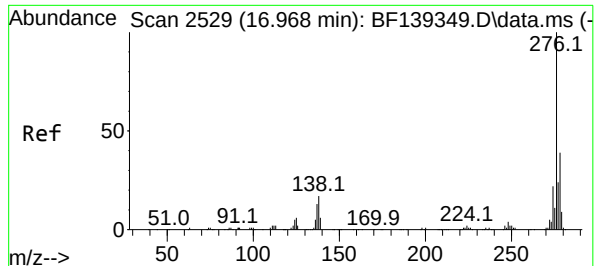
Tgt Ion:149 Resp: 295691
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 13.1 10.6 16.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:264 Resp: 129089
Ion Ratio Lower Upper
264 100
260 23.3 19.5 29.3
265 21.5 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.725 ng

RT: 16.974 min Scan# 2530

Delta R.T. 0.006 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

Instrument :

BNA_F

ClientSampleId :

ICVBF091324

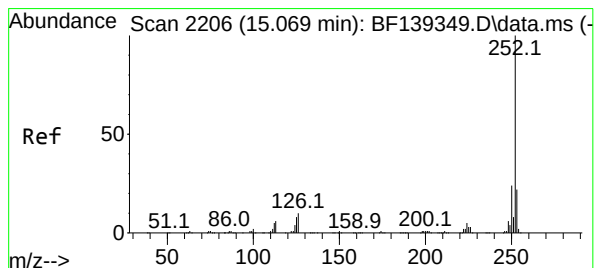
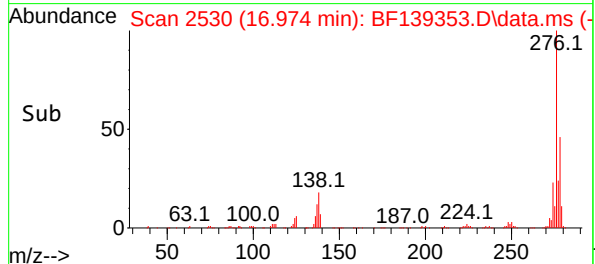
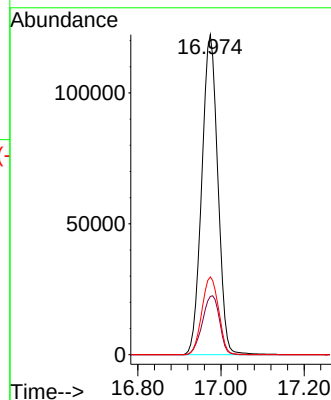
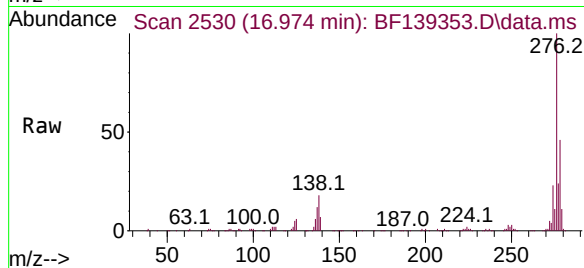
Tgt Ion:276 Resp: 327960

Ion Ratio Lower Upper

276 100

138 19.6 15.4 23.2

277 25.3 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 41.652 ng

RT: 15.068 min Scan# 2206

Delta R.T. -0.000 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

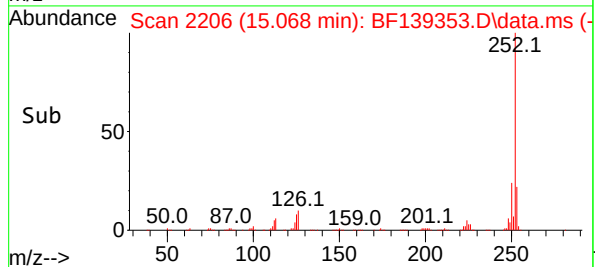
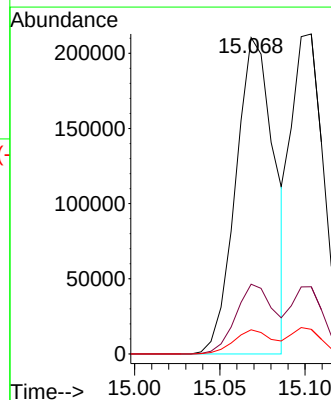
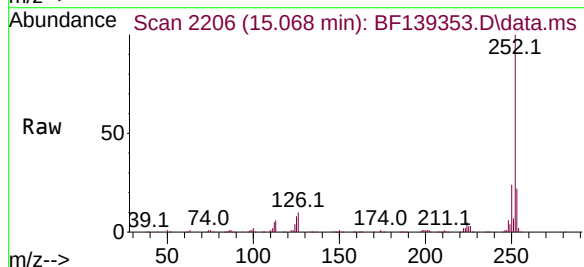
Tgt Ion:252 Resp: 331607

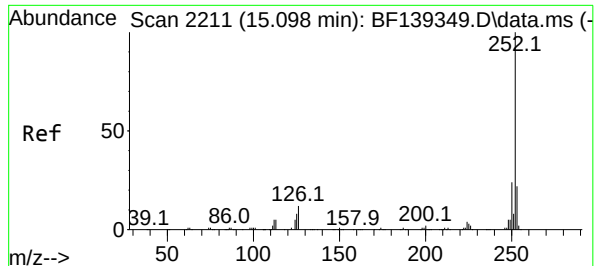
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 7.7 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 38.351 ng

RT: 15.104 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

Instrument :

BNA_F

ClientSampleId :

ICVBF091324

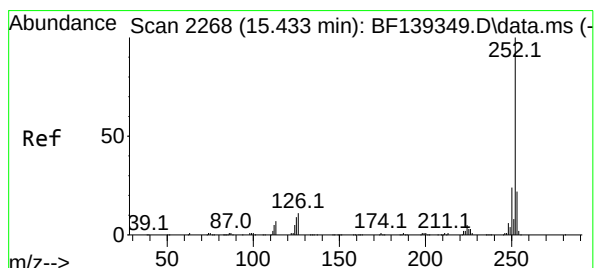
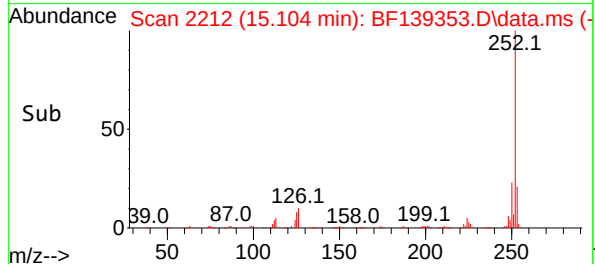
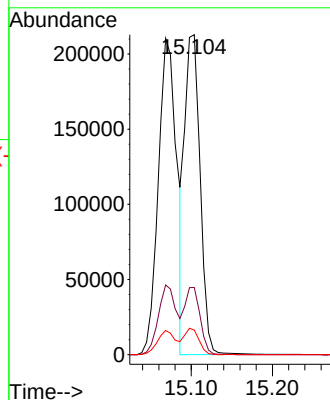
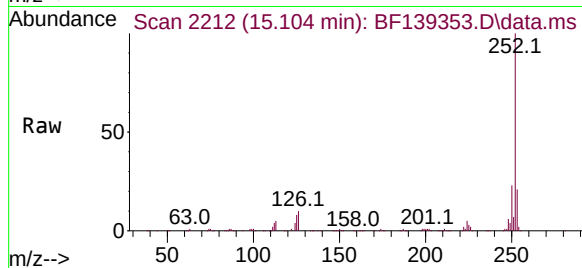
Tgt Ion:252 Resp: 281522

Ion Ratio Lower Upper

252 100

253 21.0 17.3 25.9

125 7.7 5.9 8.9



#90

Benzo(a)pyrene

Concen: 41.792 ng

RT: 15.439 min Scan# 2269

Delta R.T. 0.006 min

Lab File: BF139353.D

Acq: 13 Sep 2024 20:41

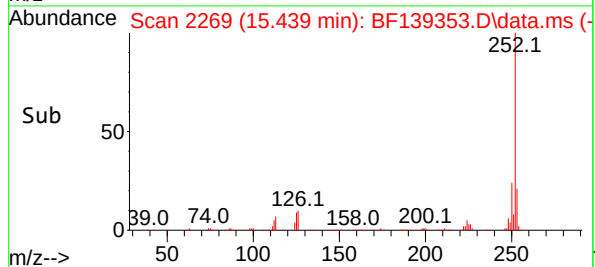
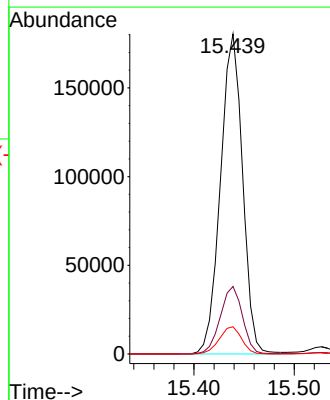
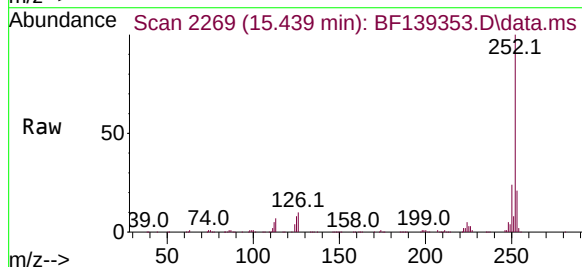
Tgt Ion:252 Resp: 275944

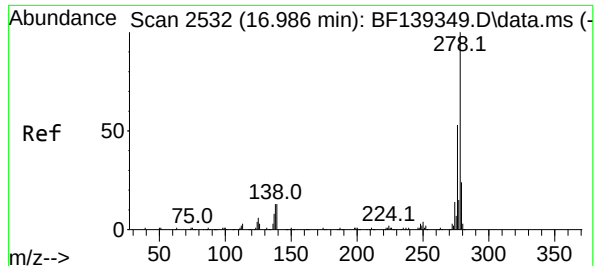
Ion Ratio Lower Upper

252 100

253 21.1 17.3 25.9

125 8.5 6.8 10.2

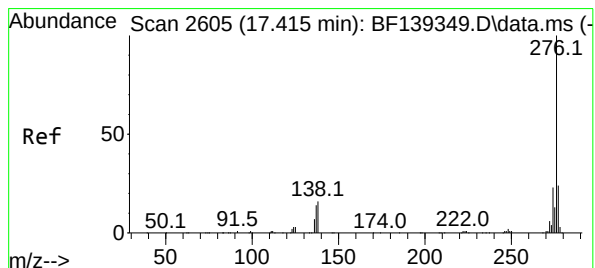
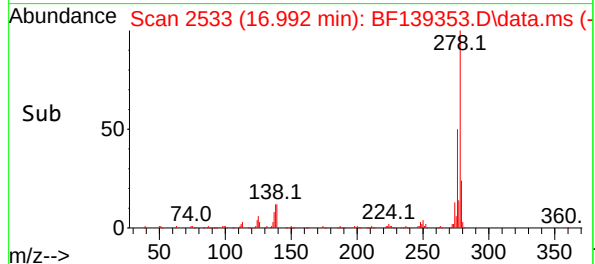
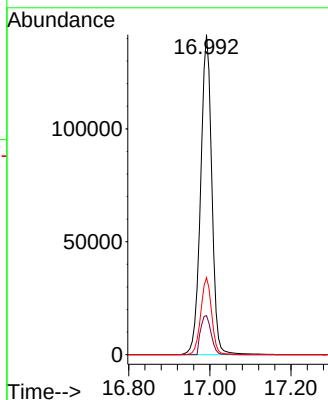
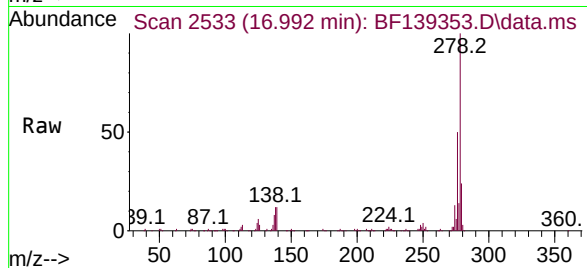




#91
Dibenzo(a,h)anthracene
Concen: 42.761 ng
RT: 16.992 min Scan# 2533
Delta R.T. 0.006 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

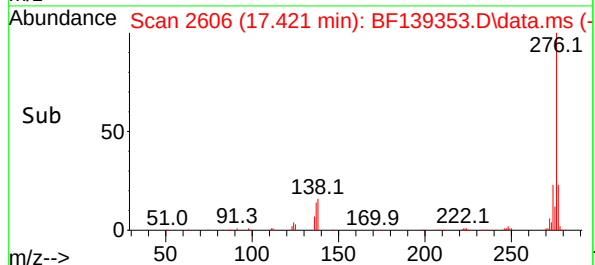
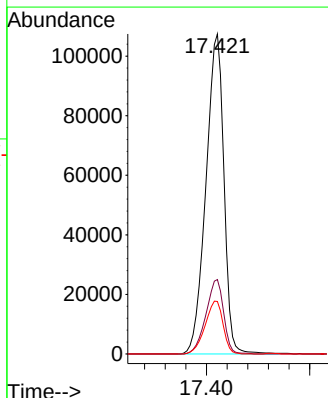
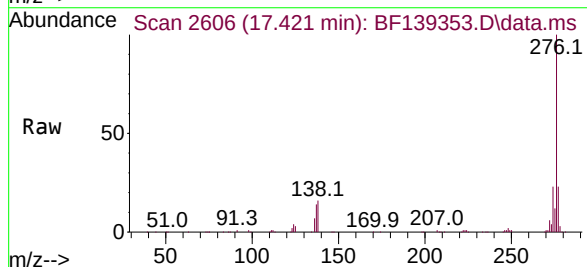
Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Tgt Ion:278 Resp: 271229
Ion Ratio Lower Upper
278 100
139 12.2 10.2 15.2
279 24.0 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 41.259 ng
RT: 17.421 min Scan# 2606
Delta R.T. 0.006 min
Lab File: BF139353.D
Acq: 13 Sep 2024 20:41

Tgt Ion:276 Resp: 259119
Ion Ratio Lower Upper
276 100
277 23.2 18.9 28.3
138 16.4 13.0 19.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
 Data File : BF139353.D
 Acq On : 13 Sep 2024 20:41
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091324

Quant Time: Sep 14 03:02:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 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	118	0.00
2	1,4-Dioxane	0.492	0.481	2.2	115	0.00
3	Pyridine	1.084	1.168	-7.7	126	0.00
4	n-Nitrosodimethylamine	0.940	0.954	-1.5	120	0.00
5 S	2-Fluorophenol	1.226	1.233	-0.6	120	0.00
6	Aniline	1.214	1.354	-11.5	134	-0.02
7 S	Phenol-d6	1.609	1.632	-1.4	121	0.00
8	2-Chlorophenol	1.262	1.301	-3.1	124	0.00
9	Benzaldehyde	0.930	0.985	-5.9	140	0.00
10 C	Phenol	1.639	1.704	-4.0	125	0.00
11	bis(2-Chloroethyl)ether	1.246	1.176	5.6	123	0.00
12	1,3-Dichlorobenzene	1.435	1.444	-0.6	121	0.00
13 C	1,4-Dichlorobenzene	1.450	1.460	-0.7	121	0.00
14	1,2-Dichlorobenzene	1.370	1.405	-2.6	124	0.00
15	Benzyl Alcohol	1.284	1.325	-3.2	122	0.00
16	2,2'-oxybis(1-Chloropropane	1.920	1.978	-3.0	125	0.00
17	2-Methylphenol	1.003	1.012	-0.9	122	0.00
18	Hexachloroethane	0.552	0.569	-3.1	124	0.00
19 P	n-Nitroso-di-n-propylamine	0.954	0.986	-3.4	124	0.00
20	3+4-Methylphenols	1.368	1.396	-2.0	122	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	123	0.00
22	Acetophenone	0.523	0.538	-2.9	123	0.00
23 S	Nitrobenzene-d5	0.425	0.448	-5.4	125	0.00
24	Nitrobenzene	0.438	0.456	-4.1	124	0.00
25	Isophorone	0.673	0.696	-3.4	125	0.00
26 C	2-Nitrophenol	0.171	0.186	-8.8	126	0.00
27	2,4-Dimethylphenol	0.225	0.236	-4.9	123	0.00
28	bis(2-Chloroethoxy)methane	0.383	0.401	-4.7	128	0.00
29 C	2,4-Dichlorophenol	0.286	0.301	-5.2	126	0.00
30	1,2,4-Trichlorobenzene	0.333	0.344	-3.3	124	0.00
31	Naphthalene	1.044	1.082	-3.6	124	0.00
32	Benzoic acid	0.211	0.233	-10.4	130	0.01
33	4-Chloroaniline	0.319	0.348	-9.1	127	0.00
34 C	Hexachlorobutadiene	0.226	0.234	-3.5	124	0.00
35	Caprolactam	0.088	0.091	-3.4	120	0.00
36 C	4-Chloro-3-methylphenol	0.327	0.340	-4.0	123	0.00
37	2-Methylnaphthalene	0.663	0.674	-1.7	122	0.00
38	1-Methylnaphthalene	0.651	0.668	-2.6	124	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	125	0.00
40	1,2,4,5-Tetrachlorobenzene	0.593	0.616	-3.9	125	0.00
41 P	Hexachlorocyclopentadiene	0.207	0.212	-2.4	116	0.00
42 S	2,4,6-Tribromophenol	0.213	0.222	-4.2	121	0.00
43 C	2,4,6-Trichlorophenol	0.386	0.405	-4.9	120	0.00
44	2,4,5-Trichlorophenol	0.407	0.431	-5.9	124	0.00
45 S	2-Fluorobiphenyl	1.426	1.464	-2.7	123	0.00
46	1,1'-Biphenyl	1.539	1.578	-2.5	122	0.00
47	2-Chloronaphthalene	1.150	1.191	-3.6	123	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
 Data File : BF139353.D
 Acq On : 13 Sep 2024 20:41
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091324

Quant Time: Sep 14 03:02:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 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	0.428	0.457	-6.8	125	0.00
49	Acenaphthylene	1.732	1.778	-2.7	123	0.00
50	Dimethylphthalate	1.313	1.343	-2.3	121	0.00
51	2,6-Dinitrotoluene	0.291	0.313	-7.6	125	0.00
52 C	Acenaphthene	1.209	1.258	-4.1	122	0.00
53	3-Nitroaniline	0.291	0.317	-8.9	124	0.00
54 P	2,4-Dinitrophenol	0.162	0.167	-3.1	117	0.00
55	Dibenzofuran	1.685	1.735	-3.0	122	0.00
56 P	4-Nitrophenol	0.240	0.251	-4.6	118	0.00
57	2,4-Dinitrotoluene	0.393	0.426	-8.4	123	0.00
58	Fluorene	1.375	1.427	-3.8	121	0.00
59	2,3,4,6-Tetrachlorophenol	0.336	0.345	-2.7	120	0.00
60	Diethylphthalate	1.355	1.404	-3.6	122	0.00
61	4-Chlorophenyl-phenylether	0.668	0.688	-3.0	122	0.00
62	4-Nitroaniline	0.317	0.327	-3.2	118	0.00
63	Azobenzene	1.332	1.385	-4.0	122	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	120	0.00
65	4,6-Dinitro-2-methylphenol	0.106	0.114	-7.5	118	0.00
66 c	n-Nitrosodiphenylamine	0.585	0.613	-4.8	122	0.00
67	4-Bromophenyl-phenylether	0.198	0.208	-5.1	121	0.00
68	Hexachlorobenzene	0.233	0.242	-3.9	119	0.00
69	Atrazine	0.139	0.122	12.2	121	0.00
70 C	Pentachlorophenol	0.140	0.150	-7.1	120	0.00
71	Phenanthrene	0.965	1.002	-3.8	120	0.00
72	Anthracene	0.943	0.978	-3.7	119	0.00
73	Carbazole	0.903	0.929	-2.9	118	0.00
74	Di-n-butylphthalate	1.006	1.088	-8.2	121	0.00
75 C	Fluoranthene	1.030	1.028	0.2	114	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	115	0.00
77	Benzidine	0.287	0.393	-36.9#	118	0.00
78	Pyrene	1.717	1.865	-8.6	112	0.00
79 S	Terphenyl-d14	1.218	1.340	-10.0	115	0.00
80	Butylbenzylphthalate	0.585	0.633	-8.2	116	0.00
81	Benzo(a)anthracene	1.325	1.357	-2.4	115	0.00
82	3,3'-Dichlorobenzidine	0.388	0.397	-2.3	122	0.00
83	Chrysene	1.219	1.268	-4.0	119	0.00
84	Bis(2-ethylhexyl)phthalate	0.744	0.796	-7.0	120	0.00
85 c	Di-n-octyl phthalate	1.095	1.170	-6.8	120	0.00
86 I	Perylene-d12	1.000	1.000	0.0	121	0.00
87	Indeno(1,2,3-cd)pyrene	1.189	1.270	-6.8	113	0.00
88	Benzo(b)fluoranthene	1.233	1.284	-4.1	127	0.00
89	Benzo(k)fluoranthene	1.137	1.090	4.1	111	0.00
90 C	Benzo(a)pyrene	1.023	1.069	-4.5	120	0.00
91	Dibenzo(a,h)anthracene	0.983	1.051	-6.9	116	0.00
92	Benzo(g,h,i)perylene	0.973	1.004	-3.2	110	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139353.D
Acq On : 13 Sep 2024 20:41
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Quant Time: Sep 14 03:02:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
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 = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
 Data File : BF139353.D
 Acq On : 13 Sep 2024 20:41
 Operator : RC/JU
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Quant Time: Sep 14 03:02:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 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	118	0.00
2	1,4-Dioxane	40.000	39.149	2.1	115	0.00
3	Pyridine	40.000	43.077	-7.7	126	0.00
4	n-Nitrosodimethylamine	40.000	40.597	-1.5	120	0.00
5 S	2-Fluorophenol	80.000	80.470	-0.6	120	0.00
6	Aniline	40.000	44.592	-11.5	134	-0.02
7 S	Phenol-d6	80.000	81.152	-1.4	121	0.00
8	2-Chlorophenol	40.000	41.245	-3.1	124	0.00
9	Benzaldehyde	40.000	42.392	-6.0	140	0.00
10 C	Phenol	40.000	41.583	-4.0	125	0.00
11	bis(2-Chloroethyl)ether	40.000	37.760	5.6	123	0.00
12	1,3-Dichlorobenzene	40.000	40.235	-0.6	121	0.00
13 C	1,4-Dichlorobenzene	40.000	40.273	-0.7	121	0.00
14	1,2-Dichlorobenzene	40.000	41.020	-2.6	124	0.00
15	Benzyl Alcohol	40.000	41.276	-3.2	122	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	41.216	-3.0	125	0.00
17	2-Methylphenol	40.000	40.384	-1.0	122	0.00
18	Hexachloroethane	40.000	41.228	-3.1	124	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	41.364	-3.4	124	0.00
20	3+4-Methylphenols	40.000	40.824	-2.1	122	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	123	0.00
22	Acetophenone	40.000	41.167	-2.9	123	0.00
23 S	Nitrobenzene-d5	80.000	84.223	-5.3	125	0.00
24	Nitrobenzene	40.000	41.700	-4.3	124	0.00
25	Isophorone	40.000	41.358	-3.4	125	0.00
26 C	2-Nitrophenol	40.000	43.547	-8.9	126	0.00
27	2,4-Dimethylphenol	40.000	41.945	-4.9	123	0.00
28	bis(2-Chloroethoxy)methane	40.000	41.858	-4.6	128	0.00
29 C	2,4-Dichlorophenol	40.000	42.134	-5.3	126	0.00
30	1,2,4-Trichlorobenzene	40.000	41.355	-3.4	124	0.00
31	Naphthalene	40.000	41.452	-3.6	124	0.00
32	Benzoic acid	40.000	44.336	-10.8	130	0.01
33	4-Chloroaniline	40.000	43.552	-8.9	127	0.00
34 C	Hexachlorobutadiene	40.000	41.447	-3.6	124	0.00
35	Caprolactam	40.000	41.375	-3.4	120	0.00
36 C	4-Chloro-3-methylphenol	40.000	41.634	-4.1	123	0.00
37	2-Methylnaphthalene	40.000	40.664	-1.7	122	0.00
38	1-Methylnaphthalene	40.000	41.093	-2.7	124	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	125	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	41.569	-3.9	125	0.00
41 P	Hexachlorocyclopentadiene	40.000	40.948	-2.4	116	0.00
42 S	2,4,6-Tribromophenol	80.000	83.413	-4.3	121	0.00
43 C	2,4,6-Trichlorophenol	40.000	42.005	-5.0	120	0.00
44	2,4,5-Trichlorophenol	40.000	42.375	-5.9	124	0.00
45 S	2-Fluorobiphenyl	80.000	82.154	-2.7	123	0.00
46	1,1'-Biphenyl	40.000	41.028	-2.6	122	0.00
47	2-Chloronaphthalene	40.000	41.415	-3.5	123	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
 Data File : BF139353.D
 Acq On : 13 Sep 2024 20:41
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091324

Quant Time: Sep 14 03:02:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 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	42.689	-6.7	125	0.00
49	Acenaphthylene	40.000	41.065	-2.7	123	0.00
50	Dimethylphthalate	40.000	40.917	-2.3	121	0.00
51	2,6-Dinitrotoluene	40.000	43.082	-7.7	125	0.00
52 C	Acenaphthene	40.000	41.632	-4.1	122	0.00
53	3-Nitroaniline	40.000	43.619	-9.0	124	0.00
54 P	2,4-Dinitrophenol	40.000	41.271	-3.2	117	0.00
55	Dibenzofuran	40.000	41.190	-3.0	122	0.00
56 P	4-Nitrophenol	40.000	41.679	-4.2	118	0.00
57	2,4-Dinitrotoluene	40.000	43.441	-8.6	123	0.00
58	Fluorene	40.000	41.538	-3.8	121	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	40.958	-2.4	120	0.00
60	Diethylphthalate	40.000	41.455	-3.6	122	0.00
61	4-Chlorophenyl-phenylether	40.000	41.227	-3.1	122	0.00
62	4-Nitroaniline	40.000	41.297	-3.2	118	0.00
63	Azobenzene	40.000	41.589	-4.0	122	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	120	0.00
65	4,6-Dinitro-2-methylphenol	40.000	43.348	-8.4	118	0.00
66 c	n-Nitrosodiphenylamine	40.000	41.916	-4.8	122	0.00
67	4-Bromophenyl-phenylether	40.000	42.063	-5.2	121	0.00
68	Hexachlorobenzene	40.000	41.637	-4.1	119	0.00
69	Atrazine	40.000	35.101	12.2	121	0.00
70 C	Pentachlorophenol	40.000	43.112	-7.8	120	0.00
71	Phenanthrene	40.000	41.537	-3.8	120	0.00
72	Anthracene	40.000	41.446	-3.6	119	0.00
73	Carbazole	40.000	41.161	-2.9	118	0.00
74	Di-n-butylphthalate	40.000	43.260	-8.1	121	0.00
75 C	Fluoranthene	40.000	39.911	0.2	114	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	115	0.00
77	Benzydine	40.000	54.902	-37.3#	118	0.00
78	Pyrene	40.000	43.433	-8.6	112	0.00
79 S	Terphenyl-d14	80.000	87.992	-10.0	115	0.00
80	Butylbenzylphthalate	40.000	43.319	-8.3	116	0.00
81	Benzo(a)anthracene	40.000	40.958	-2.4	115	0.00
82	3,3'-Dichlorobenzidine	40.000	40.924	-2.3	122	0.00
83	Chrysene	40.000	41.606	-4.0	119	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	42.807	-7.0	120	0.00
85 c	Di-n-octyl phthalate	40.000	42.744	-6.9	120	0.00
86 I	Perylene-d12	20.000	20.000	0.0	121	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	42.725	-6.8	113	0.00
88	Benzo(b)fluoranthene	40.000	41.652	-4.1	127	0.00
89	Benzo(k)fluoranthene	40.000	38.351	4.1	111	0.00
90 C	Benzo(a)pyrene	40.000	41.792	-4.5	120	0.00
91	Dibenzo(a,h)anthracene	40.000	42.761	-6.9	116	0.00
92	Benzo(g,h,i)perylene	40.000	41.259	-3.1	110	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139353.D
Acq On : 13 Sep 2024 20:41
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF091324

Quant Time: Sep 14 03:02:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
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)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: ENTA05
 Lab Code: CHEM Case No.: P4103 SAS No.: P4103 SDG No.: P4103
 Instrument ID: BNA_P Calibration Date(s): 09/19/2024 09/19/2024
 Calibration Time(s): 12:55 17:44

LAB FILE ID:		RRF2.5 = BP021948.D		RRF005 = BP021949.D		RRF010 = BP021950.D		
		RRF020 = BP021951.D		RRF040 = BP021952.D		RRF050 = BP021953.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Pyridine		1.259	1.202	1.162	1.165	1.131	1.179	3.5
2-Fluorophenol		1.087	1.063	1.107	1.059	1.021	1.064	2.6
Phenol-d6		1.346	1.337	1.392	1.363	1.346	1.382	3.6
1,4-Dichlorobenzene		1.547	1.472	1.487	1.446	1.396	1.457	3.5
2-Methylphenol		0.840	0.918	0.940	0.949	0.932	0.927	4.4
3+4-Methylphenols		1.247	1.279	1.291	1.321	1.326	1.309	3.1
Nitrobenzene-d5		0.385	0.370	0.385	0.370	0.379	0.378	2.1
Hexachloroethane		0.564	0.529	0.542	0.537	0.515	0.536	3.0
Nitrobenzene		0.397	0.378	0.397	0.378	0.380	0.384	2.6
Hexachlorobutadiene		0.355	0.329	0.316	0.310	0.311	0.321	5.0
2,4,6-Trichlorophenol		0.420	0.418	0.419	0.432	0.439	0.429	2.6
2-Fluorobiphenyl		1.479	1.395	1.368	1.328	1.329	1.370	4.0
2,4,5-Trichlorophenol		0.465	0.468	0.479	0.479	0.496	0.482	2.9
2,4-Dinitrotoluene		0.421	0.441	0.444	0.468	0.473	0.457	4.9
2,4,6-Tribromophenol		0.357	0.367	0.350	0.361	0.378	0.371	4.7
Hexachlorobenzene		0.297	0.286	0.293	0.285	0.283	0.291	2.2
Pentachlorophenol		0.176	0.185	0.192	0.198	0.201	0.196	6.4
Terphenyl-d14		1.048	1.039	1.024	1.063	1.057	1.065	3.2

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-BP091924.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Fri Sep 20 01:22:00 2024
 Response Via : Initial Calibration

Calibration Files

2.5 =BP021948.D 5 =BP021949.D 10 =BP021950.D 20 =BP021951.D 40 =BP021952.D 50 =BP021953.D 60 =BP021954.D 80 =BP021955.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.504	0.451	0.441	0.432	0.427	0.435	0.403	0.442	7.05	
3)	Pyridine	1.259	1.202	1.162	1.165	1.131	1.177	1.154	1.179	3.50	
4)	n-Nitrosodimet...	0.695	0.631	0.625	0.605	0.591	0.617	0.589	0.622	5.78	
5) S	2-Fluorophenol	1.087	1.063	1.107	1.059	1.021	1.063	1.048	1.064	2.56	
6)	Aniline	1.243	1.213	1.205	1.207	1.185	1.209	1.236	1.214	1.64	
7) S	Phenol-d6	1.346	1.337	1.392	1.363	1.346	1.411	1.476	1.382	3.61	
8)	2-Chlorophenol	1.152	1.118	1.177	1.139	1.104	1.149	1.126	1.138	2.13	
9)	Benzaldehyde	0.826	0.837	0.819	0.736	0.667	0.625	0.546	0.722	15.68	
10) C	Phenol	1.415	1.316	1.354	1.350	1.345	1.377	1.448	1.372	3.30	
11)	bis(2-Chloroet...	1.031	1.022	1.051	1.012	1.006	1.041	1.072	1.034	2.23	
12)	1,3-Dichlorobe...	1.527	1.463	1.474	1.420	1.379	1.410	1.384	1.437	3.76	
13) C	1,4-Dichlorobe...	1.547	1.472	1.487	1.446	1.396	1.440	1.411	1.457	3.48	
14)	1,2-Dichlorobe...	1.514	1.401	1.421	1.394	1.326	1.383	1.351	1.398	4.31	
15)	Benzyl Alcohol	0.991	1.029	1.041	1.061	1.089	1.119	1.087	1.060	4.07	
16)	2,2'-oxybis(1-...	1.175	1.097	1.127	1.092	1.075	1.090	1.060	1.102	3.48	
17)	2-Methylphenol	0.840	0.918	0.940	0.949	0.932	0.966	0.945	0.927	4.41	
18)	Hexachloroethane	0.564	0.529	0.542	0.537	0.515	0.542	0.522	0.536	3.02	
19) P	n-Nitroso-di-n...	0.727	0.861	0.867	0.863	0.878	0.878	0.914	0.882	0.859	6.50
20)	3+4-Methylphenols	1.247	1.279	1.291	1.321	1.326	1.375	1.321	1.309	3.12	
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.523	0.484	0.498	0.468	0.482	0.490	0.470	0.488	3.80	
23) S	Nitrobenzene-d5	0.385	0.370	0.385	0.370	0.379	0.387	0.370	0.378	2.10	
24)	Nitrobenzene	0.397	0.378	0.397	0.378	0.380	0.387	0.372	0.384	2.60	
25)	Isophorone	0.606	0.610	0.616	0.618	0.634	0.654	0.624	0.623	2.60	
26) C	2-Nitrophenol	0.154	0.154	0.169	0.168	0.175	0.180	0.176	0.168	6.21	
27)	2,4-Dimethylph...	0.194	0.186	0.195	0.193	0.196	0.202	0.195	0.194	2.49	
28)	bis(2-Chloroet...	0.393	0.369	0.377	0.368	0.372	0.377	0.360	0.374	2.82	
29) C	2,4-Dichloroph...	0.312	0.318	0.331	0.335	0.332	0.348	0.334	0.330	3.54	
30)	1,2,4-Trichlor...	0.431	0.417	0.416	0.402	0.402	0.415	0.394	0.411	3.01	
31)	Naphthalene	1.060	1.004	1.007	0.974	0.977	0.994	0.969	0.998	3.12	
32)	Benzoic acid	0.184	0.202	0.218	0.235	0.250	0.259	0.244	0.227	11.95	
33)	4-Chloroaniline	0.355	0.353	0.363	0.363	0.364	0.368	0.353	0.360	1.71	
34) C	Hexachlorobuta...	0.355	0.329	0.316	0.310	0.311	0.319	0.310	0.321	5.04	
35)	Caprolactam	0.094	0.096	0.093	0.099	0.102	0.103	0.099	0.098	4.07	
36) C	4-Chloro-3-met...	0.333	0.337	0.345	0.354	0.372	0.377	0.360	0.354	4.79	
37)	2-Methylnaphth...	0.739	0.739	0.716	0.712	0.742	0.745	0.717	0.730	1.96	
38)	1-Methylnaphth...	0.733	0.728	0.709	0.704	0.729	0.738	0.705	0.721	2.02	

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP091924.M

39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.735	0.695	0.709	0.689	0.683	0.707	0.682	0.700	2.67	
41) P	Hexachlorocycl...	0.259	0.252	0.263	0.254	0.257	0.275	0.260	0.260	2.85	
42) S	2,4,6-Tribromo...	0.357	0.367	0.350	0.361	0.378	0.398	0.386	0.371	4.66	
43) C	2,4,6-Trichlor...	0.420	0.418	0.419	0.432	0.439	0.448	0.430	0.429	2.63	
44)	2,4,5-Trichlor...	0.465	0.468	0.479	0.479	0.496	0.504	0.482	0.482	2.91	
45) S	2-Fluorobiphenyl	1.479	1.395	1.368	1.328	1.329	1.365	1.326	1.370	3.98	
46)	1,1'-Biphenyl	1.434	1.392	1.390	1.321	1.328	1.366	1.315	1.364	3.27	
47)	2-Chloronaphth...	1.144	1.123	1.109	1.077	1.077	1.114	1.073	1.103	2.48	
48)	2-Nitroaniline	0.263	0.281	0.300	0.316	0.315	0.325	0.308	0.301	7.28	
49)	Acenaphthylene	1.518	1.548	1.567	1.558	1.569	1.589	1.543	1.556	1.45	
50)	Dimethylphthalate	1.500	1.483	1.430	1.433	1.434	1.466	1.409	1.451	2.26	
51)	2,6-Dinitrotol...	0.309	0.320	0.326	0.326	0.327	0.337	0.318	0.323	2.70	
52) C	Acenaphthene	1.054	1.003	1.019	0.994	1.008	1.017	0.994	1.013	2.05	
53)	3-Nitroaniline	0.262	0.280	0.282	0.300	0.301	0.301	0.291	0.288	5.03	
54) P	2,4-Dinitrophenol	0.161	0.168	0.173	0.194	0.203	0.214	0.214	0.189	11.69	
55)	Dibenzofuran	1.779	1.750	1.712	1.666	1.660	1.705	1.643	1.702	2.93	
56) P	4-Nitrophenol	0.213	0.232	0.254	0.267	0.268	0.269	0.253	0.251	8.51	
57)	2,4-Dinitrotol...	0.421	0.441	0.444	0.468	0.473	0.487	0.465	0.457	4.94	
58)	Fluorene	1.461	1.447	1.413	1.394	1.388	1.437	1.410	1.421	1.94	
59)	2,3,4,6-Tetrac...	0.452	0.470	0.458	0.458	0.469	0.489	0.460	0.465	2.69	
60)	Diethylphthalate	1.488	1.502	1.445	1.434	1.461	1.536	1.453	1.474	2.47	
61)	4-Chlorophenyl...	0.847	0.844	0.818	0.795	0.804	0.851	0.833	0.828	2.69	
62)	4-Nitroaniline	0.285	0.306	0.316	0.329	0.328	0.334	0.319	0.317	5.38	
63)	Azobenzene	1.205	1.250	1.243	1.205	1.213	1.231	1.192	1.220	1.79	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.095	0.106	0.114	0.119	0.121	0.128	0.129	0.116	10.66	
66) c	n-Nitrosodiphe...	0.500	0.498	0.507	0.500	0.488	0.503	0.490	0.498	1.35	
67)	4-Bromophenyl-...	0.237	0.229	0.234	0.228	0.229	0.239	0.236	0.233	2.01	
68)	Hexachlorobenzene	0.297	0.286	0.293	0.285	0.283	0.299	0.293	0.291	2.23	
69)	Atrazine	0.207	0.205	0.202	0.160	0.166	0.163	0.145	0.178	14.26	
70) C	Pentachlorophenol	0.176	0.185	0.192	0.198	0.201	0.212	0.206	0.196	6.40	
71)	Phenanthrene	0.993	0.962	0.975	0.946	0.942	0.968	0.935	0.960	2.16	
72)	Anthracene	0.939	0.919	0.944	0.926	0.916	0.954	0.907	0.929	1.83	
73)	Carbazole	0.905	0.903	0.912	0.914	0.878	0.903	0.868	0.898	1.95	
74)	Di-n-butylphth...	1.039	1.038	1.021	1.029	1.044	1.118	1.091	1.054	3.41	
75) C	Fluoranthene	1.356	1.367	1.325	1.339	1.304	1.364	1.327	1.340	1.74	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.294	0.295	0.188	0.404	0.201	0.208	0.121	0.244	38.07	
78)	Pyrene	1.166	1.166	1.192	1.215	1.237	1.262	1.231	1.210	3.05	
79) S	Terphenyl-d14	1.048	1.039	1.024	1.063	1.057	1.118	1.103	1.065	3.19	
80)	Butylbenzylpht...	0.406	0.403	0.405	0.433	0.438	0.465	0.470	0.432	6.61	
81)	Benzo(a)anthra...	1.324	1.260	1.282	1.265	1.265	1.312	1.287	1.285	1.94	
82)	3,3'-Dichlorob...	0.464	0.469	0.476	0.498	0.454	0.459	0.444	0.466	3.69	
83)	Chrysene	1.252	1.183	1.212	1.186	1.186	1.218	1.232	1.210	2.18	
84)	Bis(2-ethylhex...	0.615	0.611	0.588	0.610	0.630	0.670	0.709	0.633	6.64	
85) c	Di-n-octyl pht...	1.085	1.005	0.994	1.046	1.055	1.152	1.194	1.076	6.89	

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP091924.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.386	1.302	1.324	1.325	1.307	1.335	1.333	1.330	2.07
88)	Benzo(b)fluora...	1.156	1.150	1.170	1.200	1.190	1.202	1.211	1.183	2.04
89)	Benzo(k)fluora...	1.117	1.099	1.095	1.096	1.129	1.164	1.136	1.119	2.27
90) C	Benzo(a)pyrene	1.004	0.975	1.006	1.025	1.034	1.049	1.039	1.019	2.49
91)	Dibenzo(a,h)an...	1.153	1.103	1.085	1.081	1.058	1.101	1.104	1.098	2.65
92)	Benzo(g,h,i)pe...	1.154	1.090	1.108	1.133	1.115	1.147	1.125	1.125	1.98

(#) = Out of Range

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091924\
Data File : BP021948.D
Acq On : 19 Sep 2024 12:55
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Sep 20 01:00:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 00:59:29 2024
Response via : Initial Calibration

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

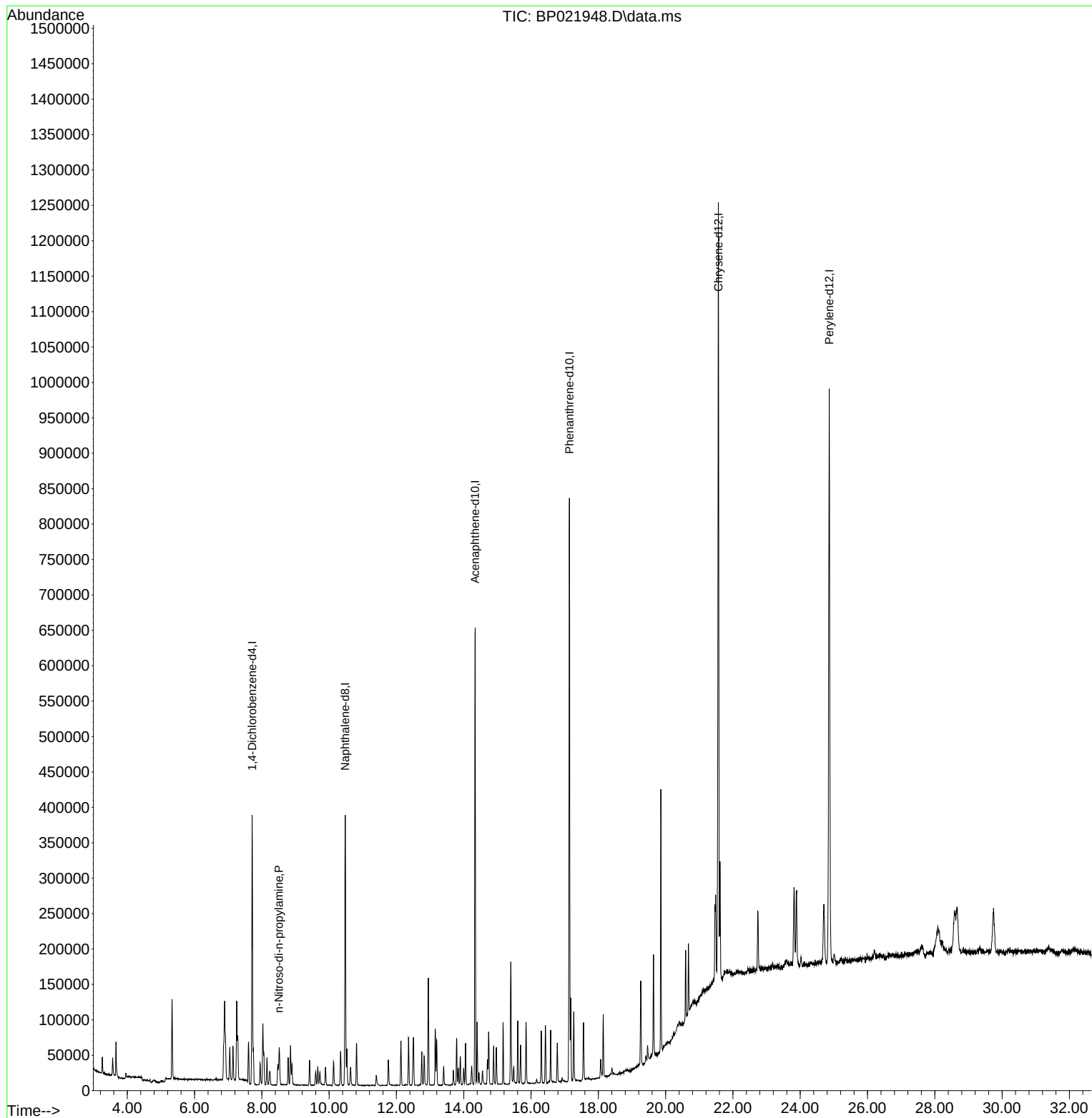
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	99480	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	304876	20.000	ng	0.00
39) Acenaphthene-d10	14.340	164	222490	20.000	ng	0.01
64) Phenanthrene-d10	17.139	188	537190	20.000	ng	0.00
76) Chrysene-d12	21.569	240	639559	20.000	ng	0.00
86) Perylene-d12	24.863	264	784895	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...	8.505	70	9040	2.116	ng	# 91

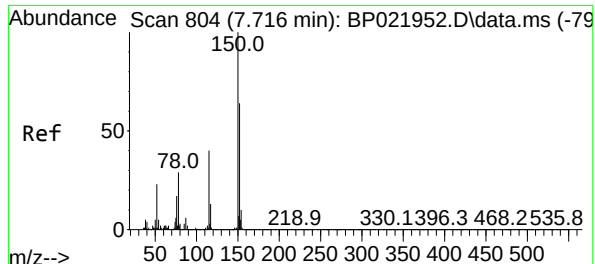
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091924\
Data File : BP021948.D
Acq On : 19 Sep 2024 12:55
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Sep 20 01:00:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 00:59:29 2024
Response via : Initial Calibration

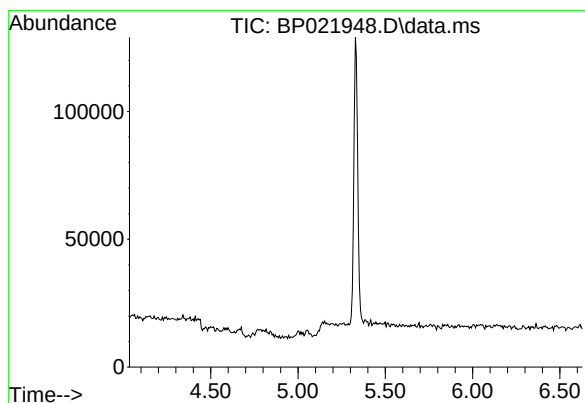
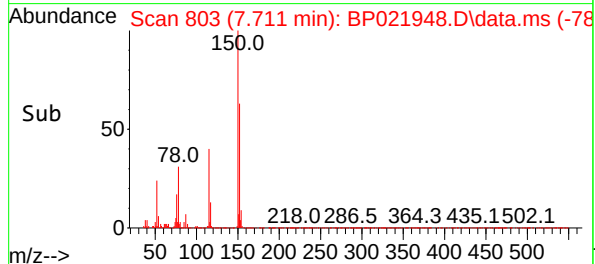
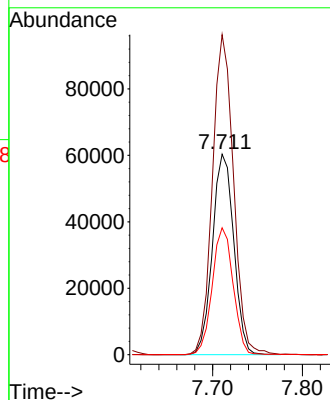
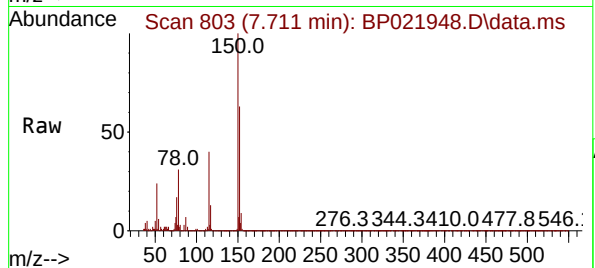




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.711 min Scan# 80
Delta R.T. -0.005 min
Lab File: BP021948.D
Acq: 19 Sep 2024 12:55

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

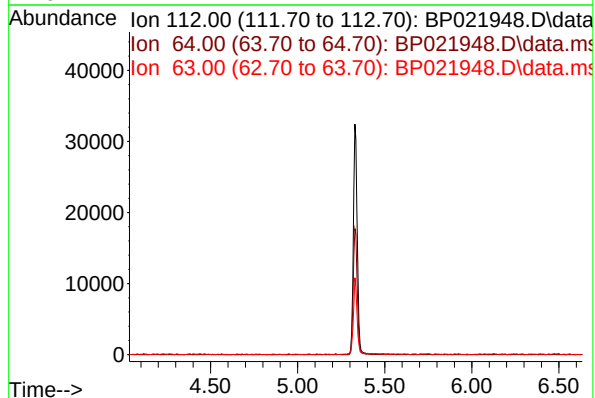
Tgt Ion:152 Resp: 99480
Ion Ratio Lower Upper
152 100
150 159.6 124.2 186.2
115 63.3 49.2 73.8

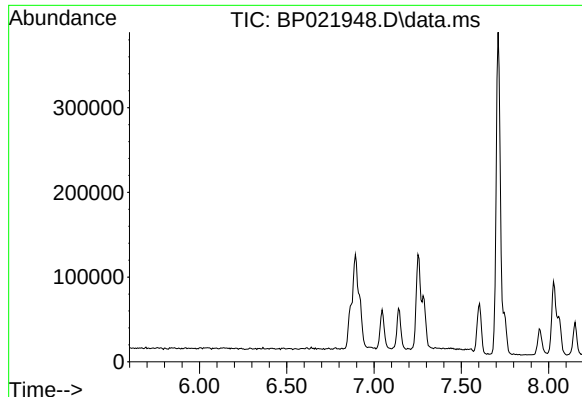


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.33 min

Lab File: BP021948.D
Acq: 19 Sep 2024 12:55

Tgt Ion: 112
Sig Exp Ratio
112 100
64 56.7
63 33.2





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.90 min

Lab File: BP021948.D

Acq: 19 Sep 2024 12:55

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5

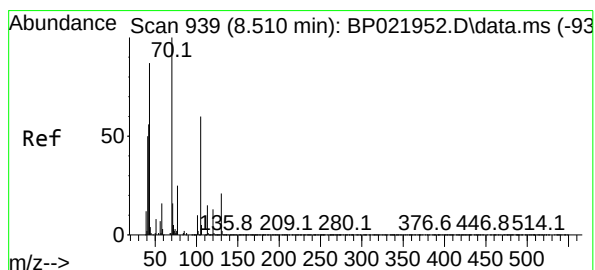
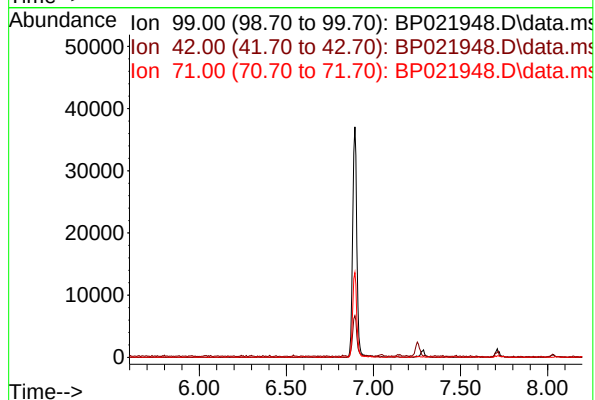
Tgt Ion: 99

Sig Exp Ratio

99 100

42 21.0

71 44.7



#19

n-Nitroso-di-n-propylamine

Concen: 2.116 ng

RT: 8.505 min Scan# 938

Delta R.T. -0.006 min

Lab File: BP021948.D

Acq: 19 Sep 2024 12:55

Tgt Ion: 70 Resp: 9040

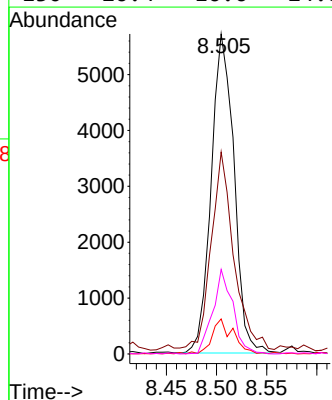
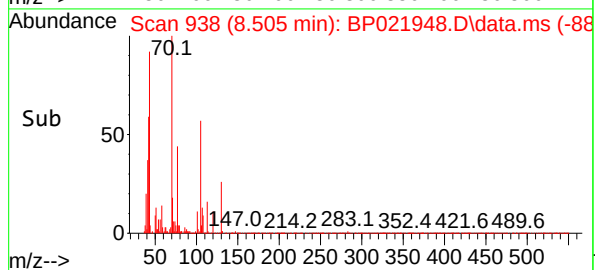
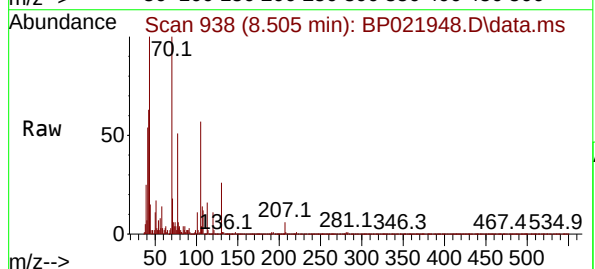
Ion Ratio Lower Upper

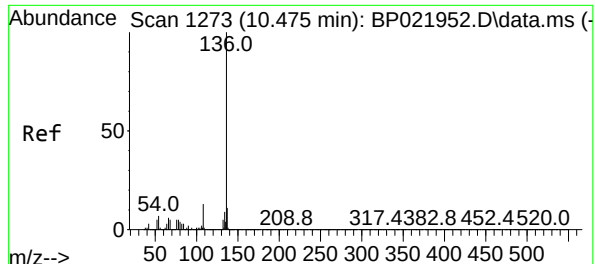
70 100

42 63.1 45.2 67.8

101 10.9 7.8 11.6

130 26.4 16.6 24.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.475 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP021948.D

Acq: 19 Sep 2024 12:55

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5

Tgt Ion:136 Resp: 304876

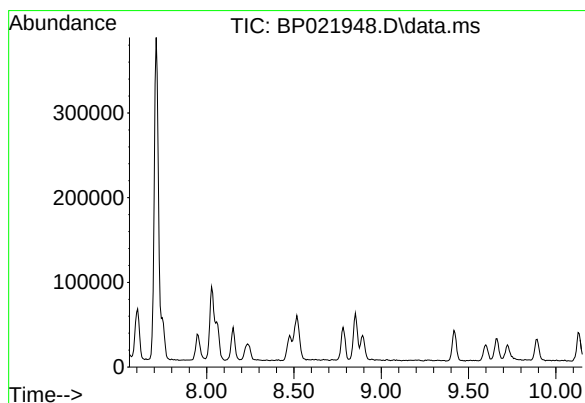
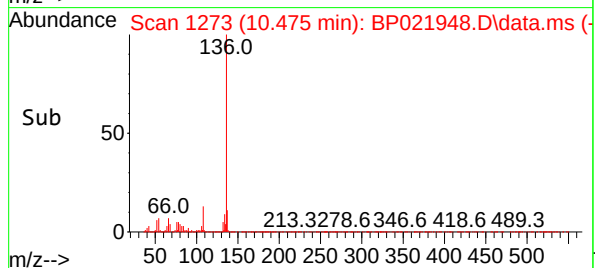
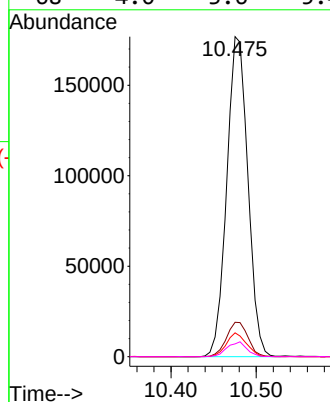
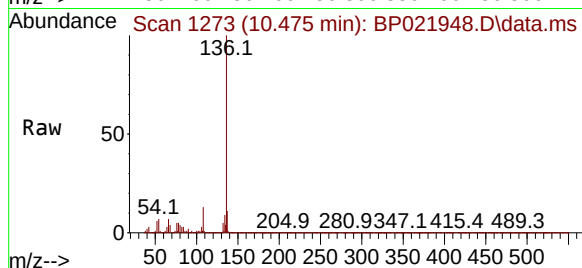
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.4 5.5 8.3

68 4.0 3.6 5.4



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 8.86 min

Lab File: BP021948.D

Acq: 19 Sep 2024 12:55

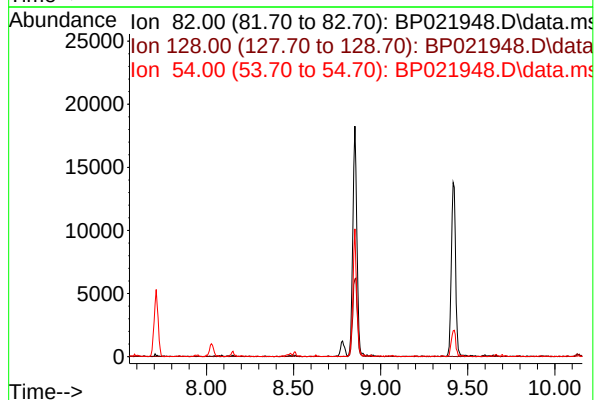
Tgt Ion: 82

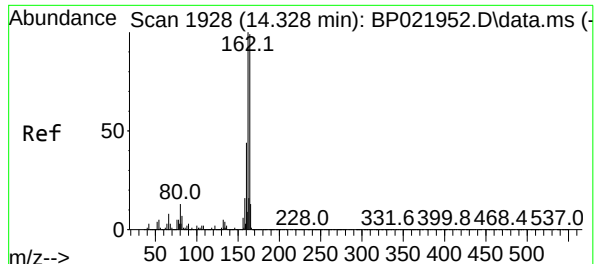
Sig Exp Ratio

82 100

128 41.4

54 50.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.340 min Scan# 19

Delta R.T. 0.012 min

Lab File: BP021948.D

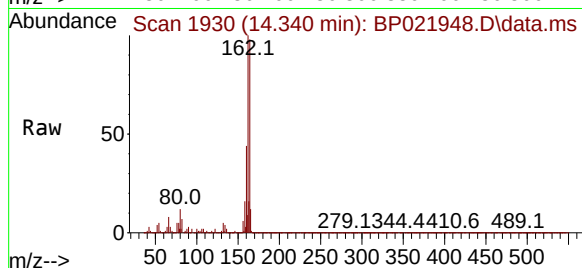
Acq: 19 Sep 2024 12:55

Instrument :

BNA_P

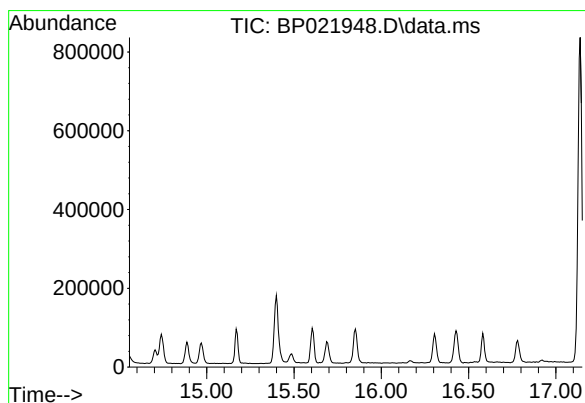
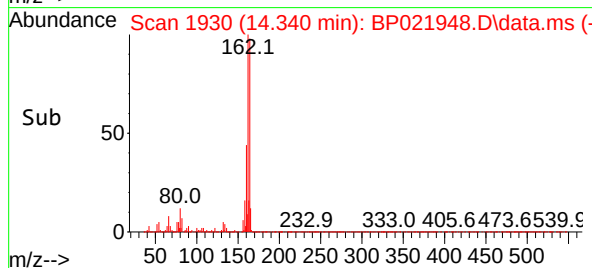
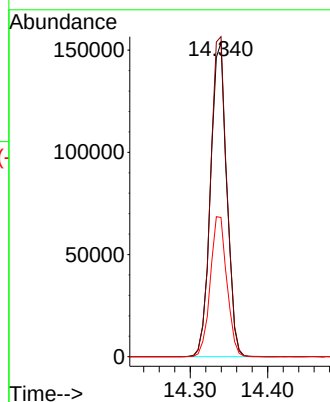
ClientSampleId :

SSTDICC2.5



Tgt Ion:164 Resp: 222490

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.2	121.8
160	44.3	35.9	53.9



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

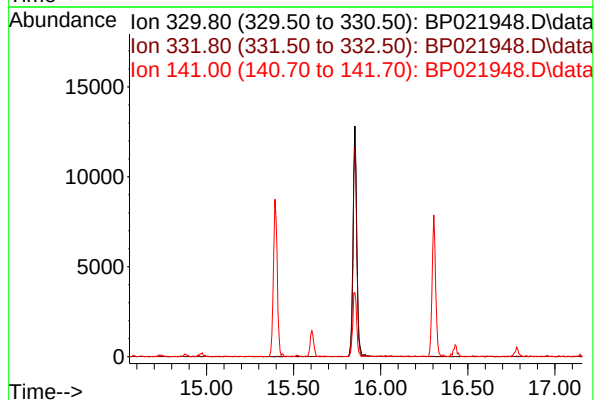
Expected RT: 15.86 min

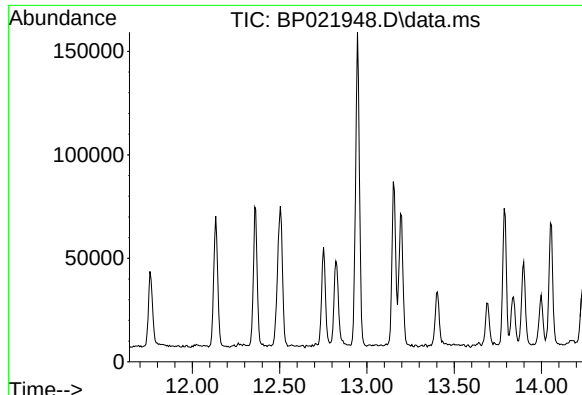
Lab File: BP021948.D

Acq: 19 Sep 2024 12:55

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.9
141	29.2

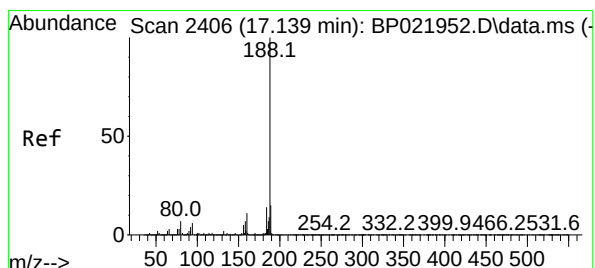
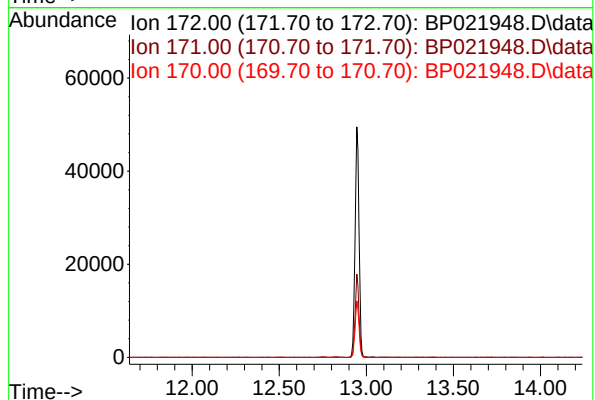




#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 12.94 min
Lab File: BP021948.D
Acq: 19 Sep 2024 12:55

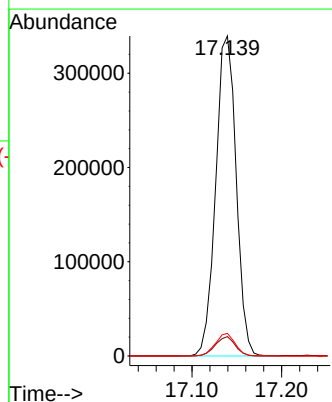
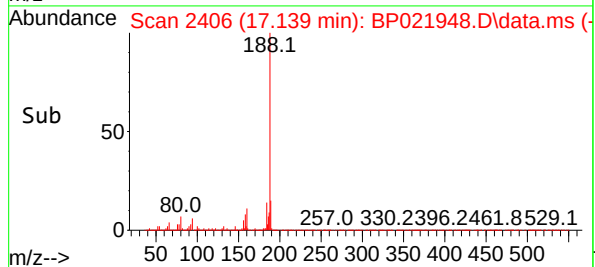
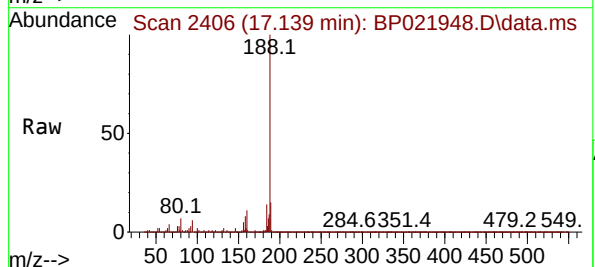
Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

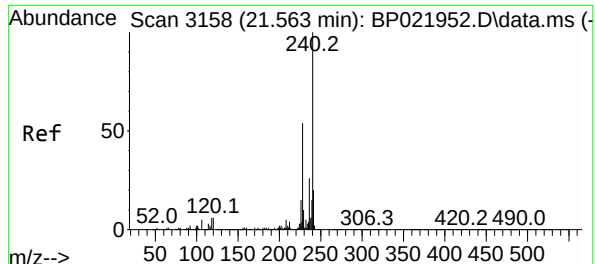
Tgt Ion: 172
Sig Exp Ratio
172 100
171 35.8
170 23.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2406
Delta R.T. 0.000 min
Lab File: BP021948.D
Acq: 19 Sep 2024 12:55

Tgt Ion: 188 Resp: 537190
Ion Ratio Lower Upper
188 100
94 6.0 4.6 6.8
80 7.1 5.4 8.2

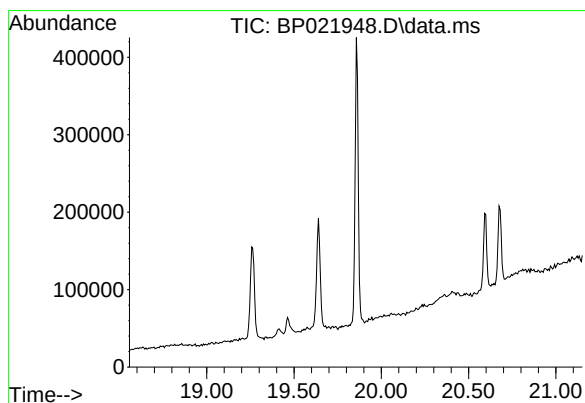
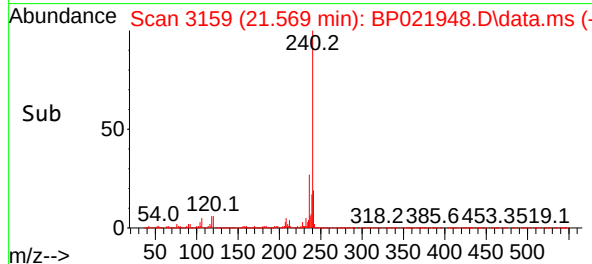
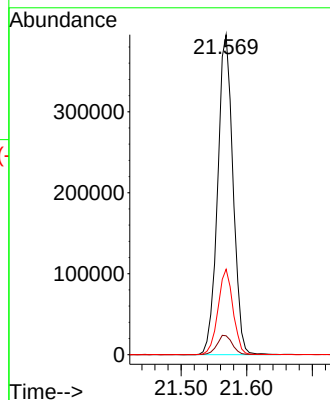
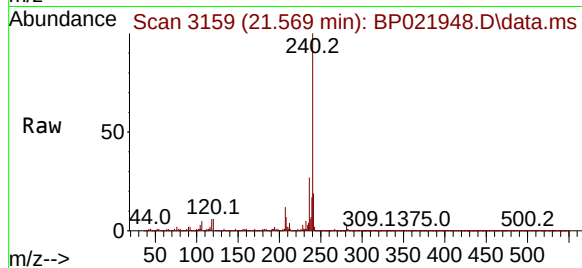




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.569 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP021948.D
Acq: 19 Sep 2024 12:55

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

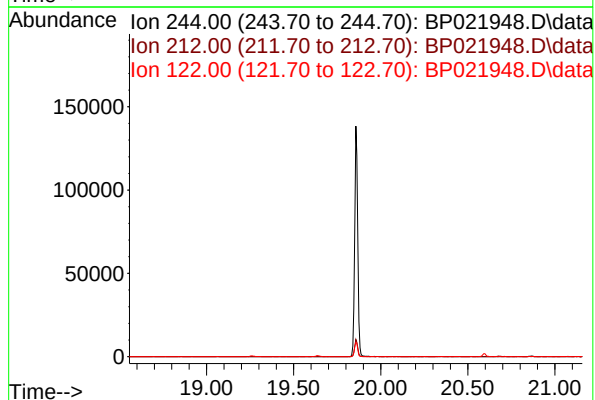
Tgt Ion: 240 Resp: 639559
Ion Ratio Lower Upper
240 100
120 5.9 5.1 7.7
236 26.7 20.7 31.1

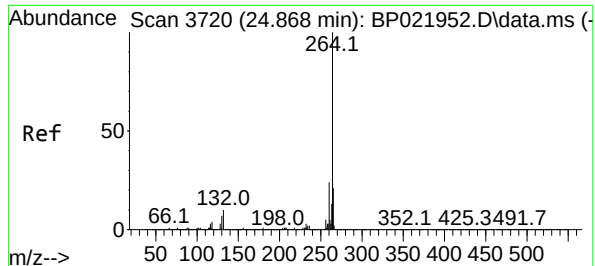


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.86 min

Lab File: BP021948.D
Acq: 19 Sep 2024 12:55

Tgt Ion: 244
Sig Exp Ratio
244 100
212 7.5
122 6.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.863 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP021948.D

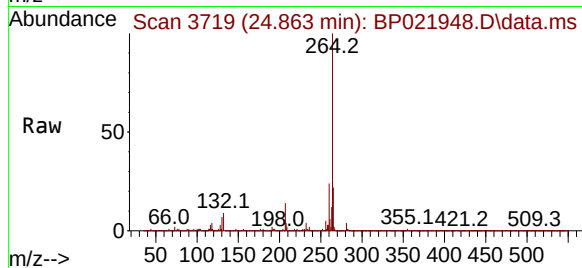
Acq: 19 Sep 2024 12:55

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5



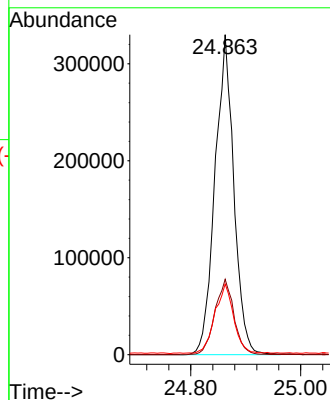
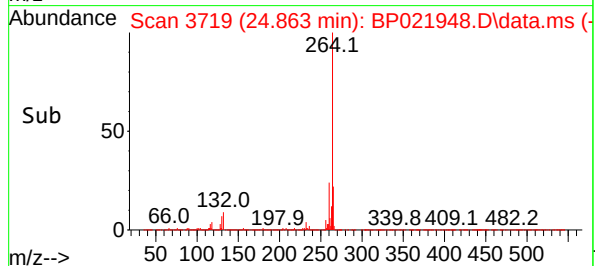
Tgt Ion:264 Resp: 784895

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 22.1 17.5 26.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091924\
 Data File : BP021949.D
 Acq On : 19 Sep 2024 13:36
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

09/20/2024
 Supervised By :mohammad
 ahmed

Quant Time: Sep 20 01:01:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 00:59:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	78373	20.000	ng	0.00
21) Naphthalene-d8	10.481	136	285466	20.000	ng	0.00
39) Acenaphthene-d10	14.340	164	204302	20.000	ng	0.01
64) Phenanthrene-d10	17.128	188	496880	20.000	ng	-0.01
76) Chrysene-d12	21.563	240	626397	20.000	ng	0.00
86) Perylene-d12	24.857	264	796301	20.000	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	42612	10.218	ng	0.00
7) Phenol-d6	6.893	99	52735	9.741	ng	0.00
23) Nitrobenzene-d5	8.852	82	54997	10.194	ng	0.00
42) 2,4,6-Tribromophenol	15.840	330	36434	9.619	ng	-0.02
45) 2-Fluorobiphenyl	12.946	172	151039	10.792	ng	0.00
79) Terphenyl-d14	19.857	244	328091	9.839	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.258	88	9876	5.703	ng 98
3) Pyridine	3.664	79	24664	5.341	ng 97
4) n-Nitrosodimethylamine	3.564	42	13611	5.587	ng # 87
6) Aniline	7.046	93	24363	5.121	ng 96
8) 2-Chlorophenol	7.287	128	22573	5.062	ng 91
9) Benzaldehyde	6.869	77	16185m	5.694	ng
10) Phenol	6.922	94	27730	5.157	ng 96
11) bis(2-Chloroethyl)ether	7.146	93	20202	4.988	ng 100
12) 1,3-Dichlorobenzene	7.605	146	29928	5.316	ng 96
13) 1,4-Dichlorobenzene	7.752	146	30309	5.308	ng 97
14) 1,2-Dichlorobenzene	8.063	146	29670	5.414	ng 98
15) Benzyl Alcohol	7.946	79	19417	4.677	ng 98
16) 2,2'-oxybis(1-Chloropr...	8.228	45	23031m	5.366	ng
17) 2-Methylphenol	8.152	107	16465	4.533	ng 89
18) Hexachloroethane	8.781	117	11053	5.265	ng 96
19) n-Nitroso-di-n-propyla...	8.505	70	16874	5.014	ng 98
20) 3+4-Methylphenols	8.475	107	24436	4.765	ng 96
22) Acetophenone	8.522	105	37303	5.357	ng 98
24) Nitrobenzene	8.893	77	28349	5.174	ng 99
25) Isophorone	9.422	82	43269	4.865	ng # 96
26) 2-Nitrophenol	9.599	139	10980	4.584	ng 97
27) 2,4-Dimethylphenol	9.663	122	13811	4.979	ng 90
28) bis(2-Chloroethoxy)met...	9.887	93	28077	5.265	ng 99
29) 2,4-Dichlorophenol	10.134	162	22288	4.734	ng 89
30) 1,2,4-Trichlorobenzene	10.340	180	30731	5.240	ng 99
31) Naphthalene	10.528	128	75643	5.310	ng 98
32) Benzoic acid	9.728	122	13108m	3.966	ng
33) 4-Chloroaniline	10.634	127	25310	4.926	ng 95
34) Hexachlorobutadiene	10.822	225	25326	5.520	ng 94
35) Caprolactam	11.399	113	6708	4.796	ng # 81
36) 4-Chloro-3-methylphenol	11.769	107	23737	4.699	ng 96
37) 2-Methylnaphthalene	12.146	142	52713	5.058	ng 95
38) 1-Methylnaphthalene	12.357	142	52332	5.086	ng 97
40) 1,2,4,5-Tetrachloroben...	12.510	216	37515	5.248	ng 99
41) Hexachlorocyclopentadiene	12.493	237	13209	4.974	ng 89
43) 2,4,6-Trichlorophenol	12.751	196	21461	4.892	ng 96

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091924\
 Data File : BP021949.D
 Acq On : 19 Sep 2024 13:36
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Manual Integrations

APPROVED

Reviewed By :Jagrut
Upadhyay

09/20/2024

Supervised By :mohammad
ahmed

09/22/2024

Quant Time: Sep 20 01:01:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 00:59:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.828	196	23752	4.826	ng	98
46) 1,1'-Biphenyl	13.151	154	73235	5.257	ng	99
47) 2-Chloronaphthalene	13.199	162	58448	5.189	ng	100
48) 2-Nitroaniline	13.393	65	13441	4.370	ng	93
49) Acenaphthylene	14.051	152	77526	4.878	ng	99
50) Dimethylphthalate	13.781	163	76603	5.170	ng	100
51) 2,6-Dinitrotoluene	13.898	165	15769	4.776	ng	91
52) Acenaphthene	14.393	154	53836	5.205	ng	97
53) 3-Nitroaniline	14.234	138	13376	4.546	ng	# 94
54) 2,4-Dinitrophenol	14.445	184	8203	4.240	ng	96
55) Dibenzofuran	14.734	168	90881	5.227	ng	97
56) 4-Nitrophenol	14.563	139	10862	4.241	ng	90
57) 2,4-Dinitrotoluene	14.704	165	21507	4.608	ng	98
58) Fluorene	15.398	166	74633	5.140	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.969	232	23077	4.859	ng	99
60) Diethylphthalate	15.175	149	75992	5.047	ng	98
61) 4-Chlorophenyl-phenyle...	15.398	204	43265	5.118	ng	98
62) 4-Nitroaniline	15.410	138	14531m	4.522	ng	
63) Azobenzene	15.698	77	61532	4.938	ng	96
65) 4,6-Dinitro-2-methylph...	15.469	198	11755	4.082	ng	91
66) n-Nitrosodiphenylamine	15.616	169	62121	5.021	ng	99
67) 4-Bromophenyl-phenylether	16.310	248	29491	5.092	ng	94
68) Hexachlorobenzene	16.428	284	36879	5.107	ng	98
69) Atrazine	16.587	200	25679	5.793	ng	95
70) Pentachlorophenol	16.781	266	21855	4.498	ng	96
71) Phenanthrene	17.175	178	123369	5.172	ng	100
72) Anthracene	17.263	178	116649	5.052	ng	99
73) Carbazole	17.539	167	112436	5.042	ng	98
74) Di-n-butylphthalate	18.139	149	129032	4.926	ng	99
75) Fluoranthene	19.263	202	168391	5.058	ng	100
77) Benzidine	19.451	184	46074	6.019	ng	98
78) Pyrene	19.639	202	182547	4.817	ng	99
80) Butylbenzylphthalate	20.586	149	63598	4.706	ng	94
81) Benzo(a)anthracene	21.545	228	207369	5.152	ng	97
82) 3,3'-Dichlorobenzidine	21.463	252	72642	4.974	ng	98
83) Chrysene	21.604	228	196009	5.172	ng	99
84) Bis(2-ethylhexyl)phtha...	21.486	149	96383	4.859	ng	97
85) Di-n-octyl phthalate	22.739	149	169894	5.043	ng	# 98
87) Indeno(1,2,3-cd)pyrene	28.586	276	275902	5.209	ng	98
88) Benzo(b)fluoranthene	23.810	252	230201	4.888	ng	99
89) Benzo(k)fluoranthene	23.880	252	222388	4.990	ng	98
90) Benzo(a)pyrene	24.698	252	199937	4.928	ng	98
91) Dibenzo(a,h)anthracene	28.657	278	229440	5.249	ng	98
92) Benzo(g,h,i)perylene	29.733	276	229674	5.130	ng	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091924\
Data File : BP021949.D
Acq On : 19 Sep 2024 13:36
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

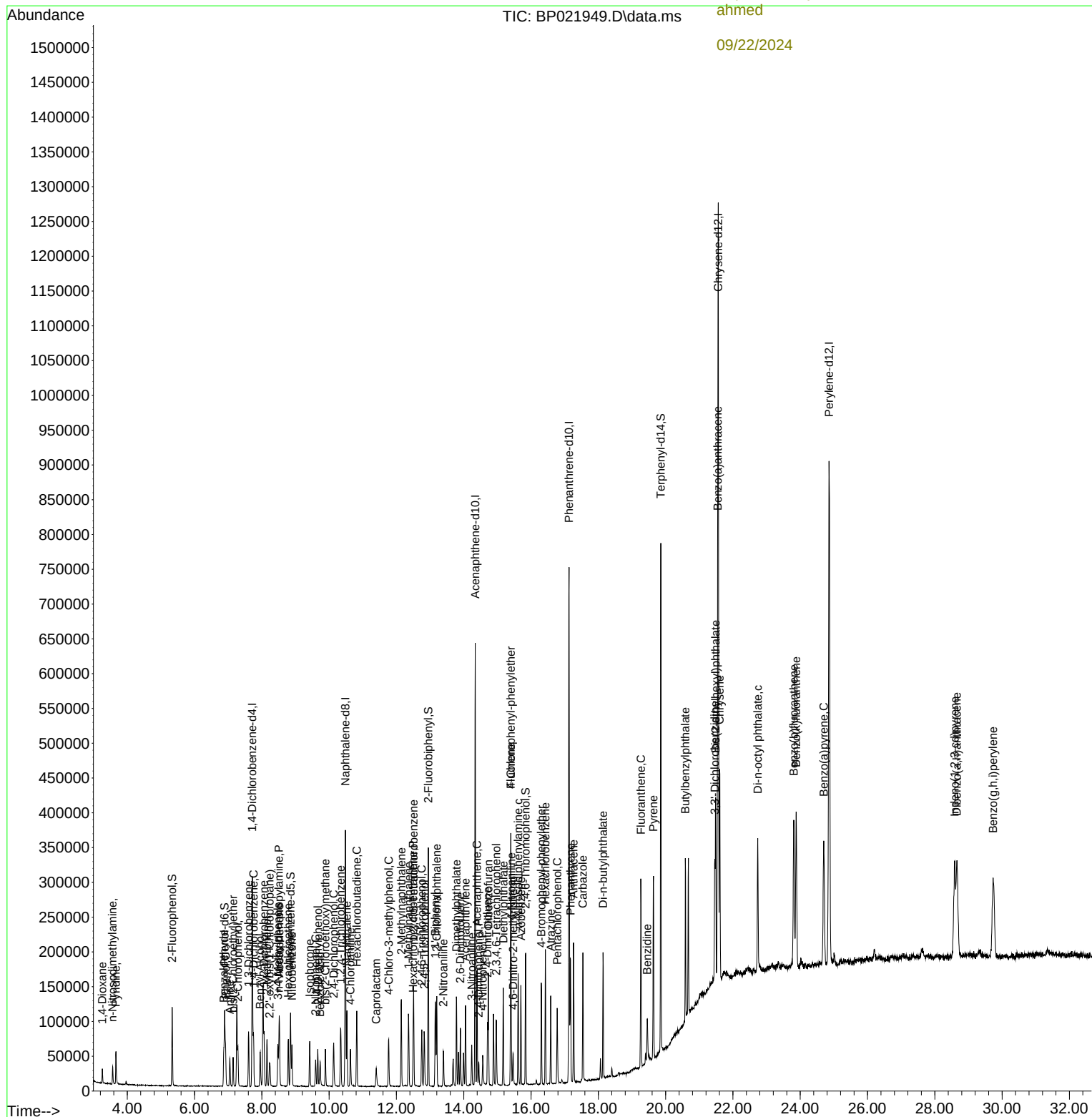
Manual Integrations APPROVED

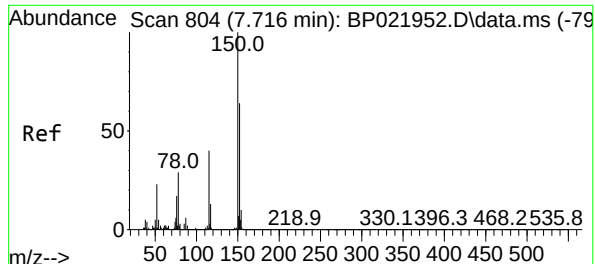
Reviewed By :Jagrut Upadhyay

09/20/2024
Supervised By :mohammad
ahmed

09/22/2024

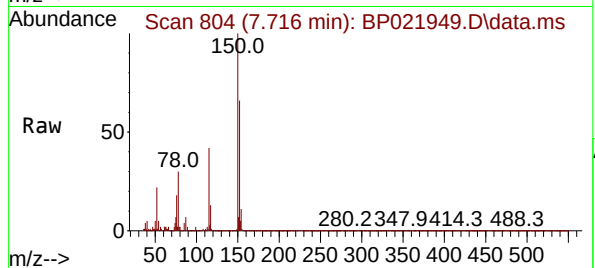
Quant Time: Sep 20 01:01:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 00:59:29 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 804
Delta R.T. 0.000 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

Instrument :
BNA_P
ClientSampleId :
SSTDICC005



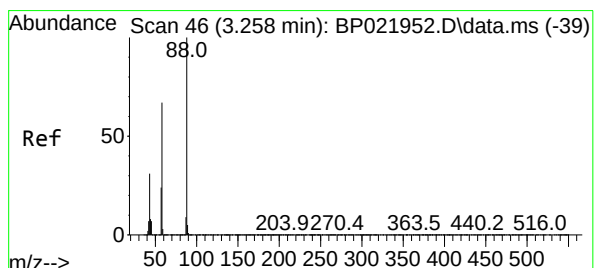
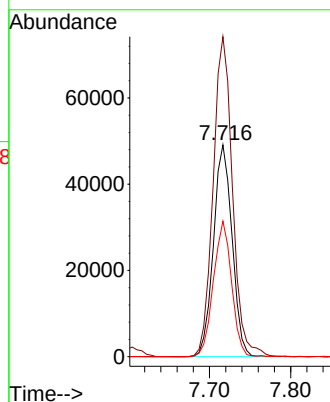
Tgt Ion: 152 Resp: 7837
Ion Ratio Lower Upper
152 100
150 151.1 124.2 186.2
115 64.0 49.2 73.8

Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

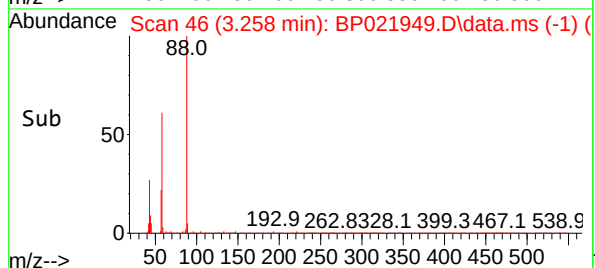
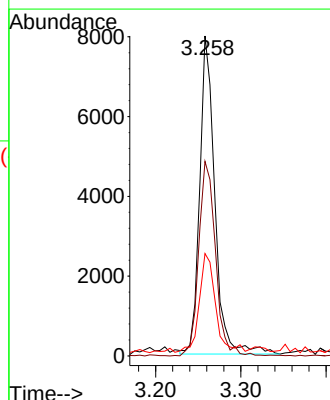
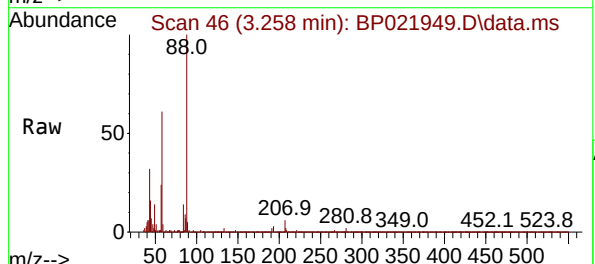
09/20/2024
Supervised By :mohammad
ahmed

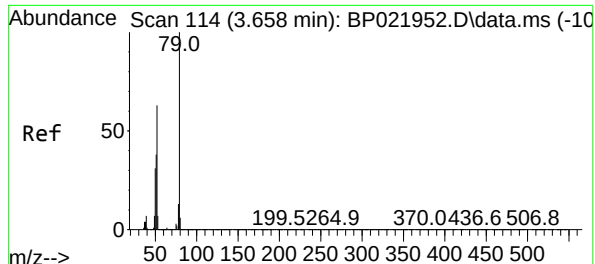
09/22/2024



#2
1,4-Dioxane
Concen: 5.703 ng
RT: 3.258 min Scan# 46
Delta R.T. 0.000 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

Tgt Ion: 88 Resp: 9876
Ion Ratio Lower Upper
88 100
58 67.7 53.8 80.6
43 35.1 25.2 37.8





#3

Pyridine

Concen: 5.341 ng

RT: 3.664 min Scan# 114

Delta R.T. 0.006 min

Lab File: BP021949.D

Acq: 19 Sep 2024 13:36

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion: 79	Resp: 2466
Ion Ratio	Lower Upper
79 100	
52 62.3	50.3 75.5
51 34.1	30.9 46.3

Manual Integrations

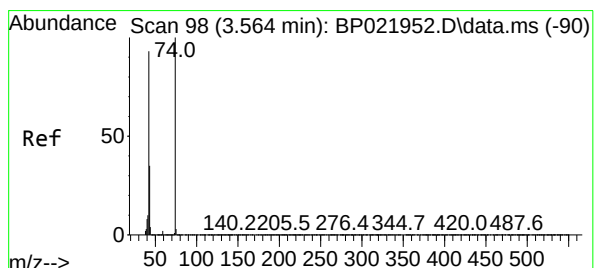
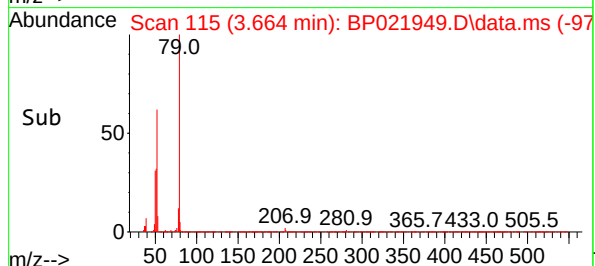
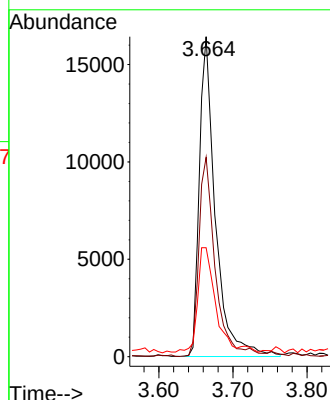
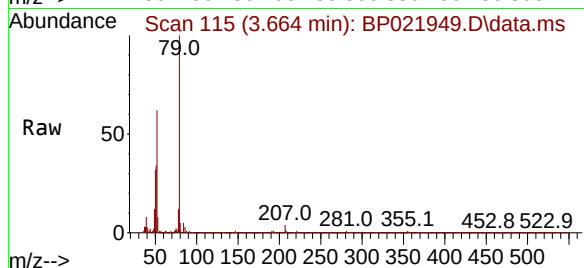
APPROVED

Reviewed By :Jagrut
Upadhyay

09/20/2024

Supervised By :mohammad
ahmed

09/22/2024



#4

n-Nitrosodimethylamine

Concen: 5.587 ng

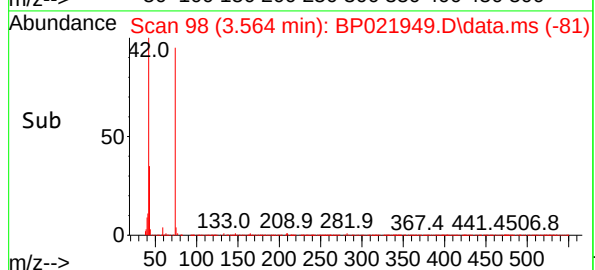
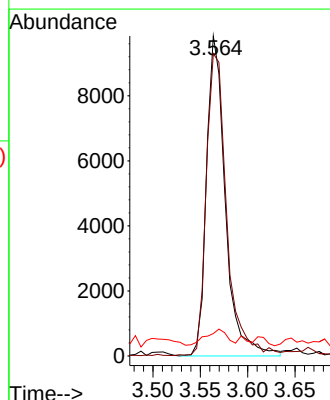
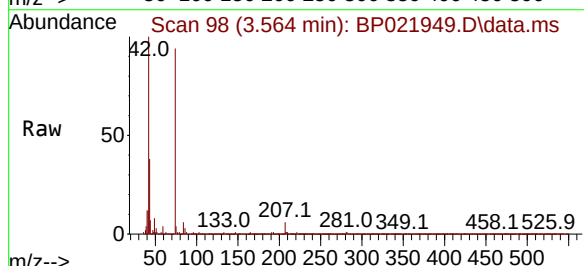
RT: 3.564 min Scan# 98

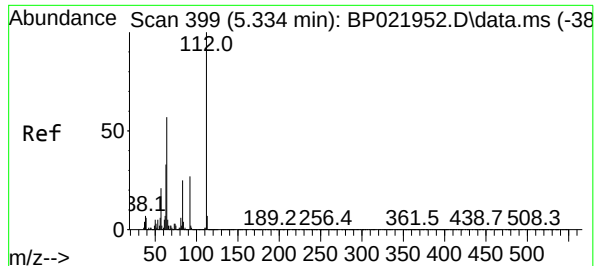
Delta R.T. 0.000 min

Lab File: BP021949.D

Acq: 19 Sep 2024 13:36

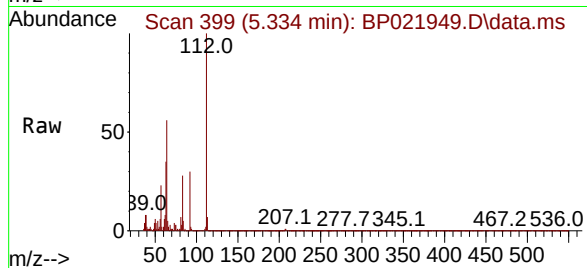
Tgt Ion: 42	Resp: 13611
Ion Ratio	Lower Upper
42 100	
74 94.5	86.3 129.5
44 7.0	4.0 6.0





#5
2-Fluorophenol
Concen: 10.218 ng
RT: 5.334 min Scan# 399
Delta R.T. 0.000 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

Instrument :
BNA_P
ClientSampleId :
SSTDICC005



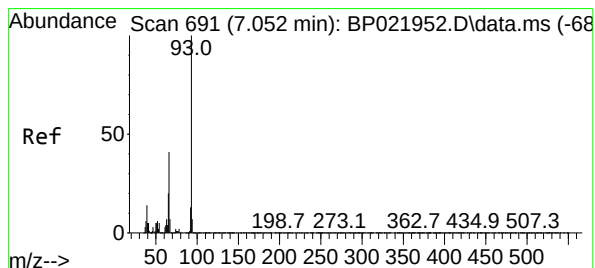
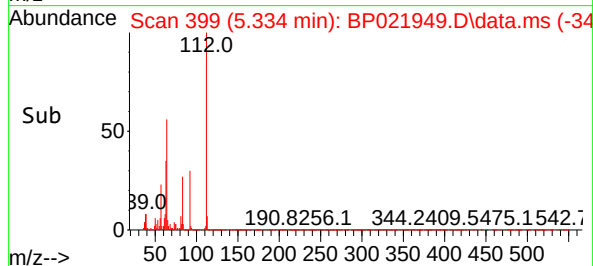
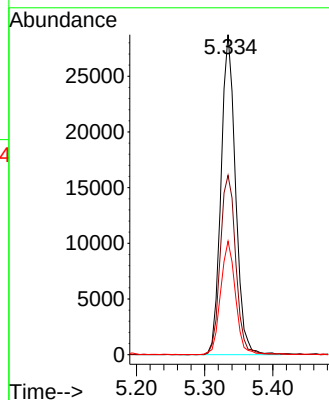
Tgt Ion: 112 Resp: 42612
Ion Ratio Lower Upper
112 100
64 56.0 45.4 68.0
63 35.5 26.6 39.8

Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

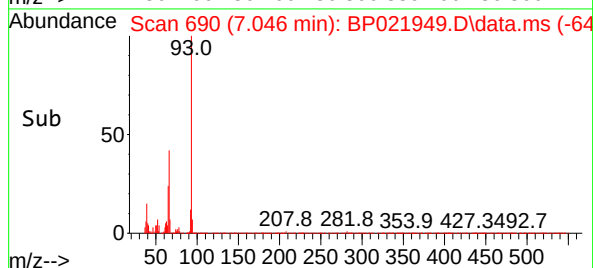
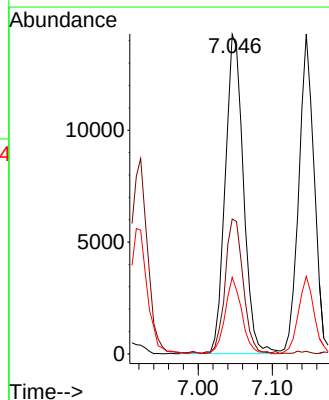
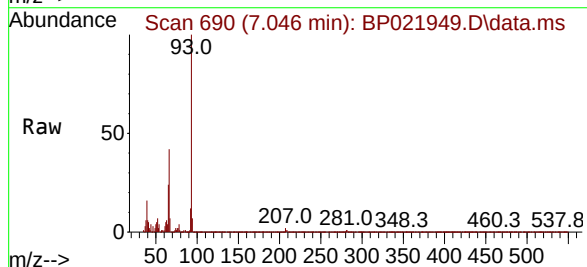
09/20/2024
Supervised By :mohammad
ahmed

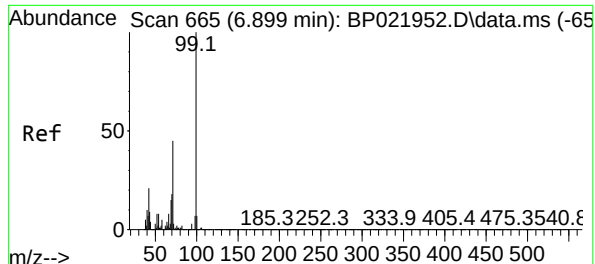
09/22/2024



#6
Aniline
Concen: 5.121 ng
RT: 7.046 min Scan# 690
Delta R.T. -0.006 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

Tgt Ion: 93 Resp: 24363
Ion Ratio Lower Upper
93 100
66 42.2 33.0 49.4
65 24.0 16.1 24.1





#7

Phenol-d6

Concen: 9.741 ng

RT: 6.893 min Scan# 60

Delta R.T. -0.006 min

Lab File: BP021949.D

Acq: 19 Sep 2024 13:36

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

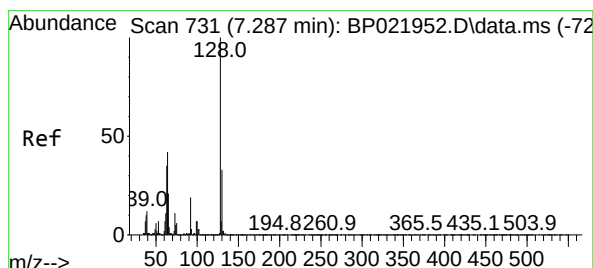
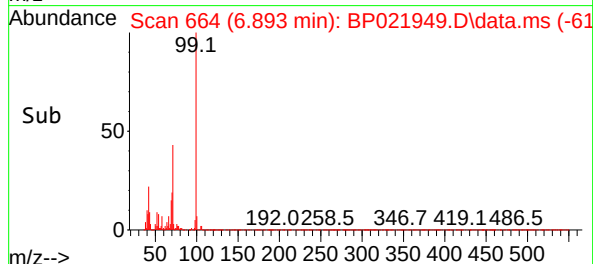
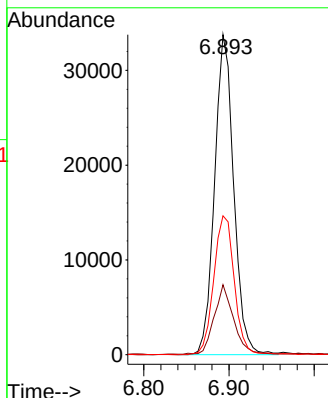
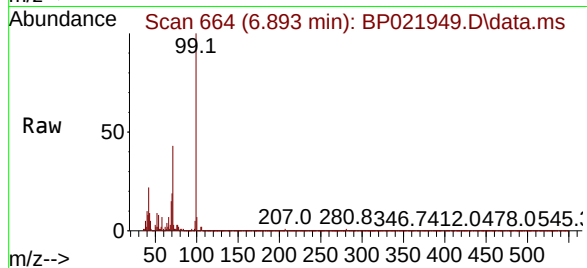
Tgt Ion: 99	Resp: 5273
Ion Ratio	Lower Upper
99 100	
42 21.8	16.8 25.2
71 43.4	35.8 53.6

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APPROVEDReviewed By :Jagrut
Upadhyay

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Supervised By :mohammad
ahmed

09/22/2024



#8

2-Chlorophenol

Concen: 5.062 ng

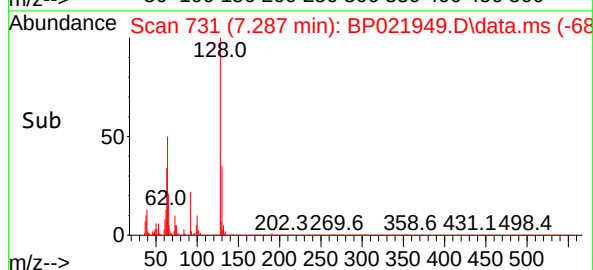
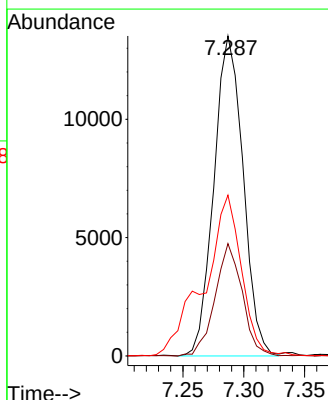
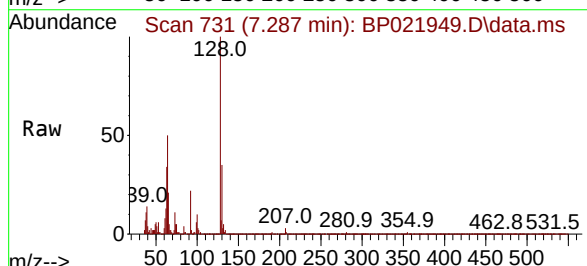
RT: 7.287 min Scan# 731

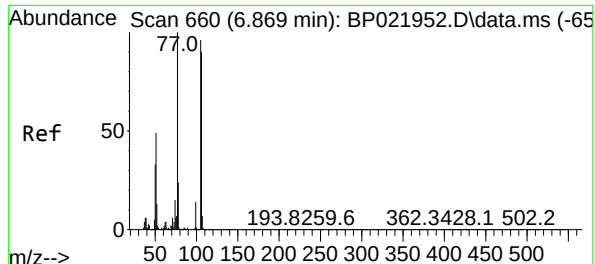
Delta R.T. 0.000 min

Lab File: BP021949.D

Acq: 19 Sep 2024 13:36

Tgt Ion:128	Resp: 22573
Ion Ratio	Lower Upper
128 100	
130 35.1	13.1 53.1
64 50.2	22.1 62.1





#9
Benzaldehyde
Concen: 5.694 ng m
RT: 6.869 min Scan# 660
Delta R.T. 0.000 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

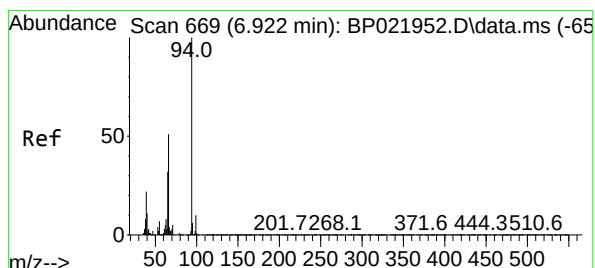
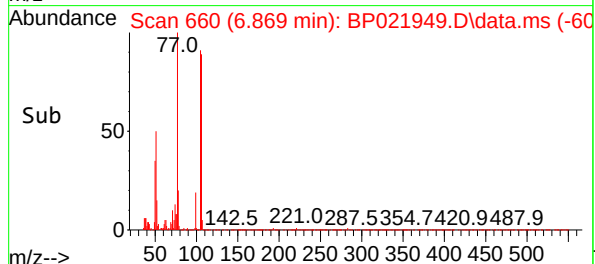
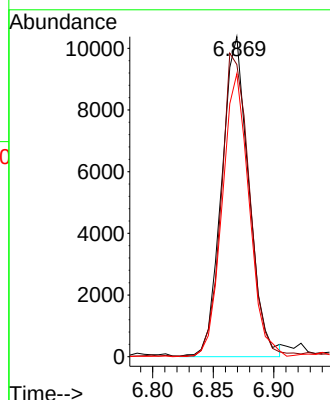
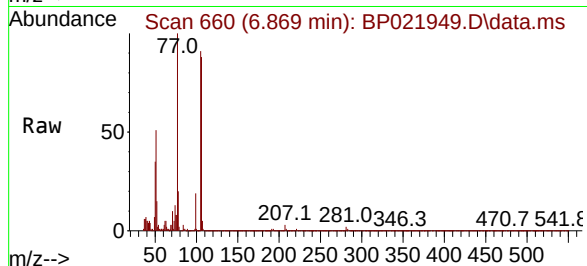
Tgt Ion: 77 Resp: 1618
Ion Ratio Lower Upper
77 100
105 91.3 76.1 116.1
106 88.4 69.9 109.9

Manual Integrations
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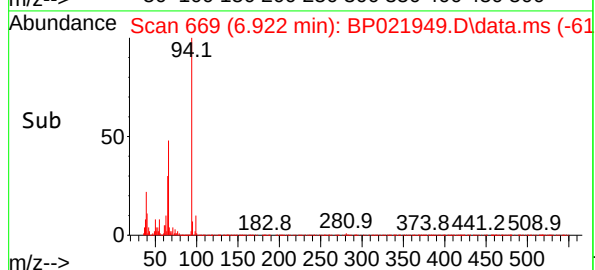
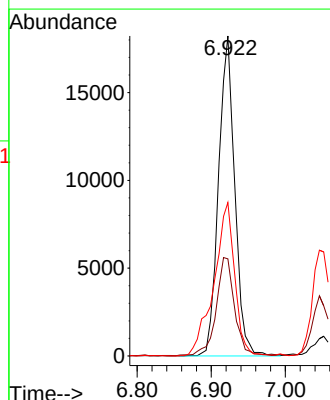
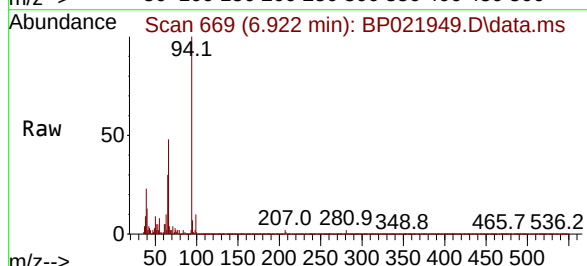
09/20/2024
Supervised By :mohammad
ahmed

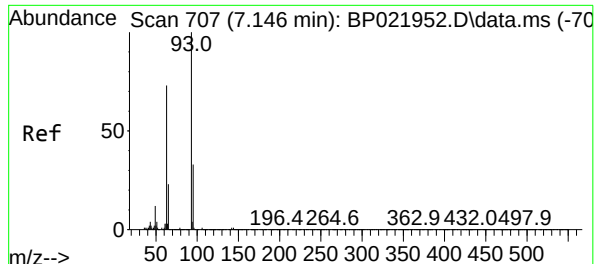
09/22/2024



#10
Phenol
Concen: 5.157 ng
RT: 6.922 min Scan# 669
Delta R.T. 0.000 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

Tgt Ion: 94 Resp: 27730
Ion Ratio Lower Upper
94 100
65 30.4 12.5 52.5
66 47.9 31.2 71.2





#11

bis(2-Chloroethyl)ether

Concen: 4.988 ng

RT: 7.146 min Scan# 707

Delta R.T. 0.000 min

Lab File: BP021949.D

Acq: 19 Sep 2024 13:36

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

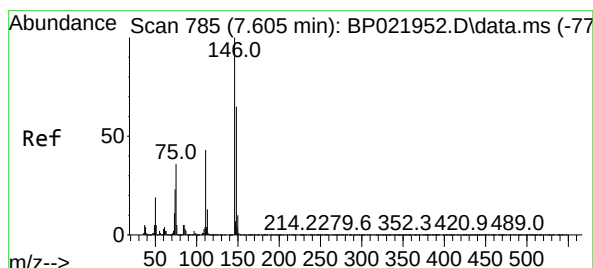
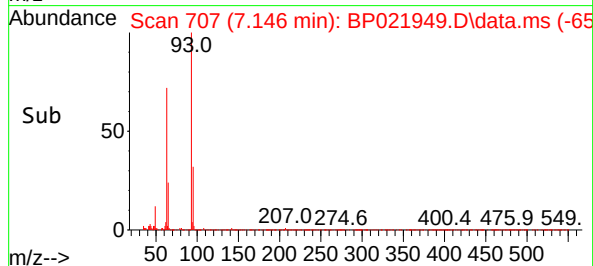
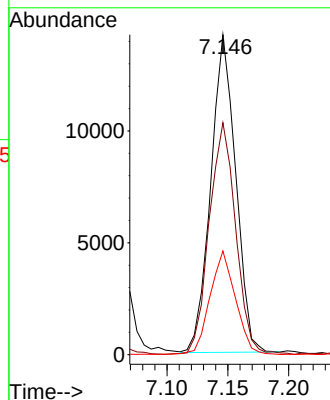
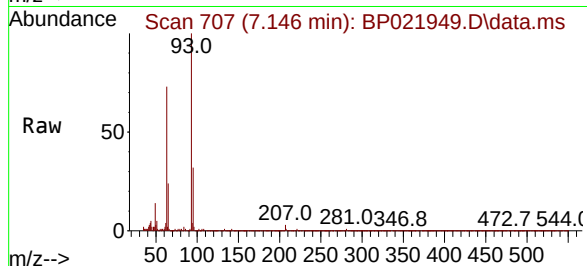
Tgt Ion:	93	Resp:	2020
Ion	Ratio	Lower	Upper
93	100		
63	72.5	53.0	93.0
95	32.4	12.4	52.4

Manual Integrations
APPROVEDReviewed By :Jagrut
Upadhyay

09/20/2024

Supervised By :mohammad
ahmed

09/22/2024



#12

1,3-Dichlorobenzene

Concen: 5.316 ng

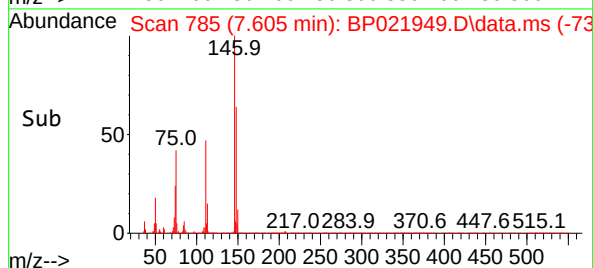
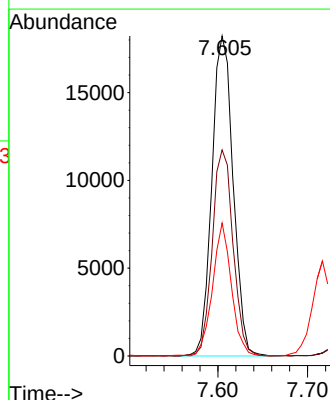
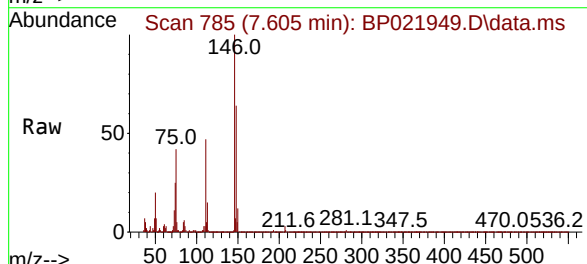
RT: 7.605 min Scan# 785

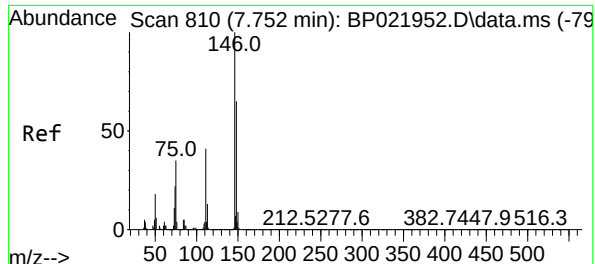
Delta R.T. 0.000 min

Lab File: BP021949.D

Acq: 19 Sep 2024 13:36

Tgt Ion:	146	Resp:	29928
Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.3	78.5
75	41.5	29.0	43.6





#13

1,4-Dichlorobenzene

Concen: 5.308 ng

RT: 7.752 min Scan# 810

Delta R.T. 0.000 min

Lab File: BP021949.D

Acq: 19 Sep 2024 13:36

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:146 Resp: 30309

Ion Ratio Lower Upper

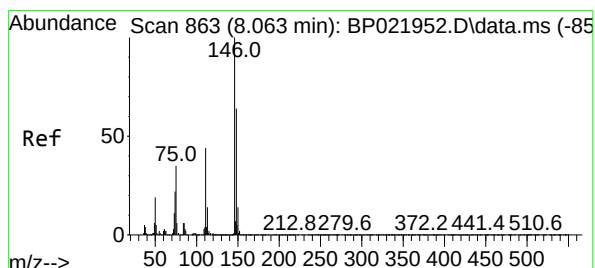
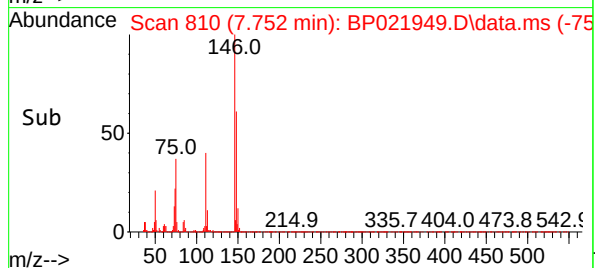
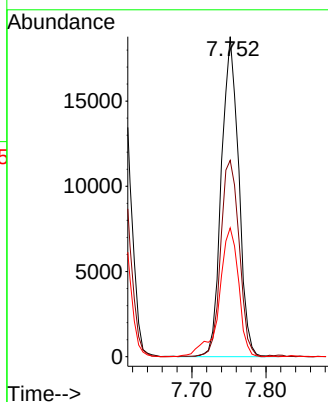
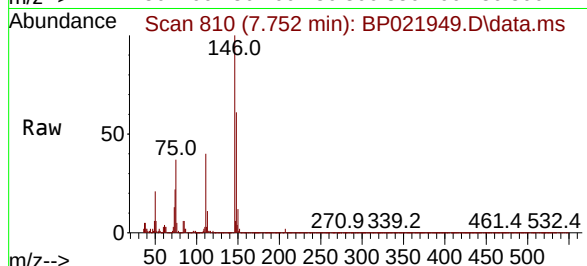
146 100

148 61.4 52.2 78.4

111 40.2 32.6 48.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#14

1,2-Dichlorobenzene

Concen: 5.414 ng

RT: 8.063 min Scan# 863

Delta R.T. 0.000 min

Lab File: BP021949.D

Acq: 19 Sep 2024 13:36

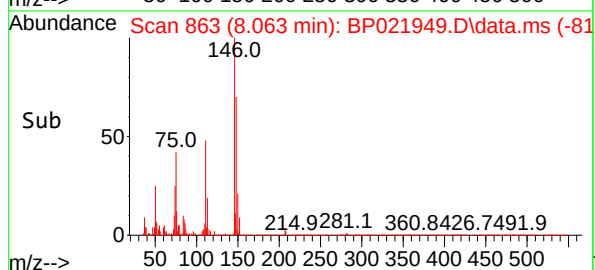
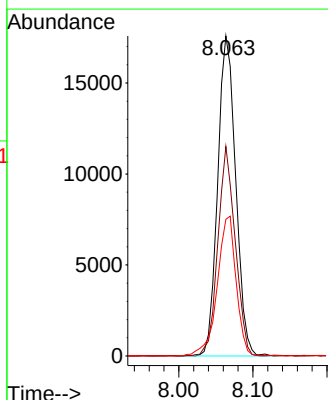
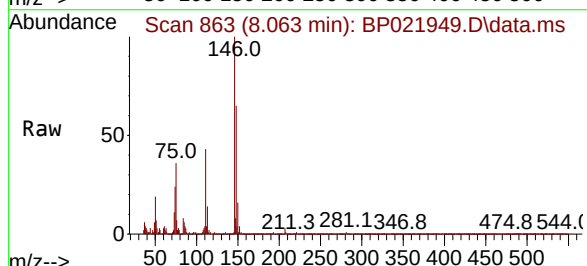
Tgt Ion:146 Resp: 29670

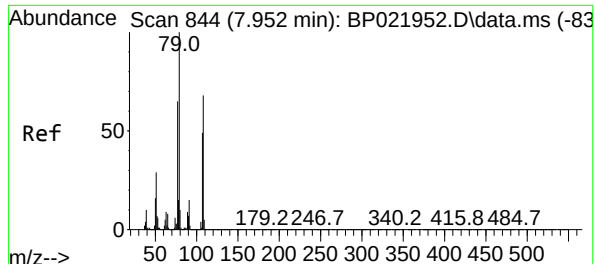
Ion Ratio Lower Upper

146 100

148 65.4 51.3 76.9

111 42.7 35.6 53.4





#15

Benzyl Alcohol

Concen: 4.677 ng

RT: 7.946 min Scan# 844

Delta R.T. -0.006 min

Lab File: BP021949.D

Acq: 19 Sep 2024 13:36

Instrument :

BNA_P

ClientSampleId :

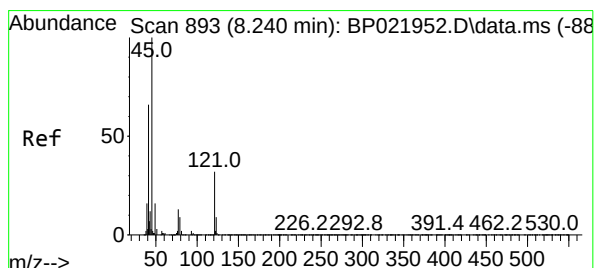
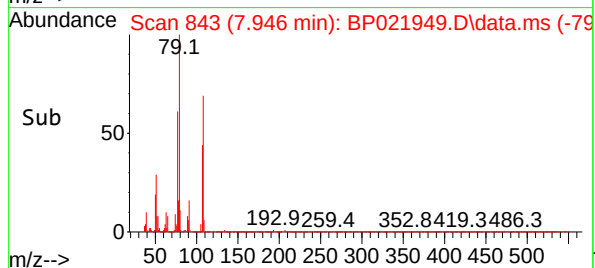
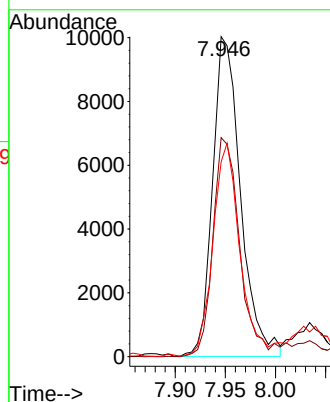
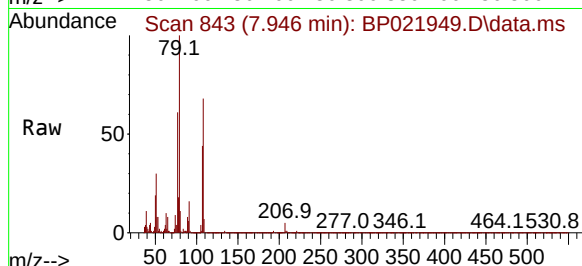
SSTDICC005

Tgt Ion: 79	Resp: 1941
Ion Ratio	Lower Upper
79 100	
108 68.5	54.7 82.1
77 60.9	51.8 77.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#16

2,2'-oxybis(1-Chloropropane)

Concen: 5.366 ng m

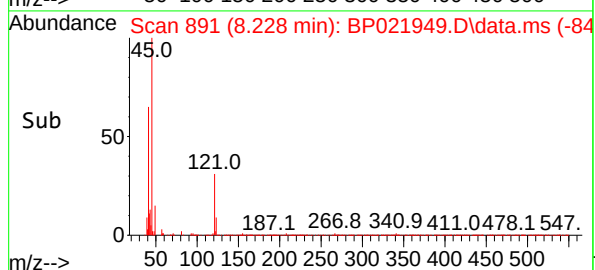
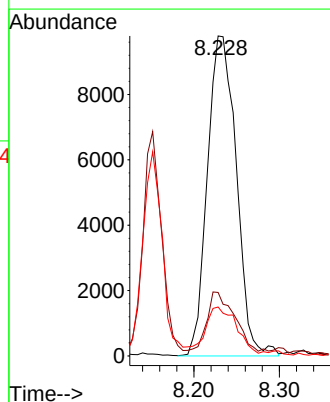
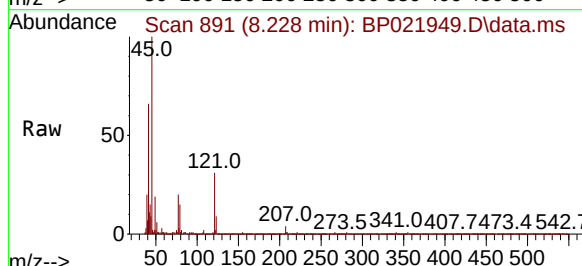
RT: 8.228 min Scan# 891

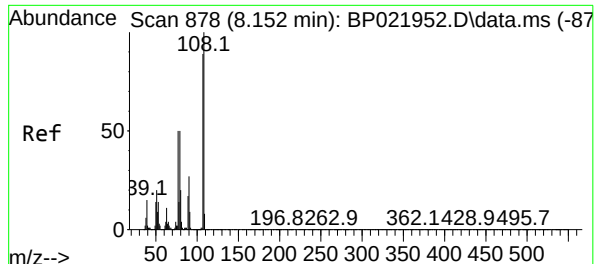
Delta R.T. -0.012 min

Lab File: BP021949.D

Acq: 19 Sep 2024 13:36

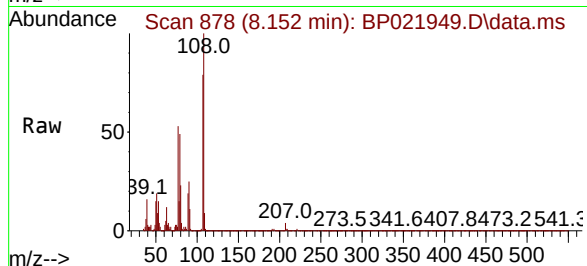
Tgt Ion: 45	Resp: 23031
Ion Ratio	Lower Upper
45 100	
77 19.8	0.0 39.5
79 15.3	0.0 34.9





#17
2-Methylphenol
Concen: 4.533 ng
RT: 8.152 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

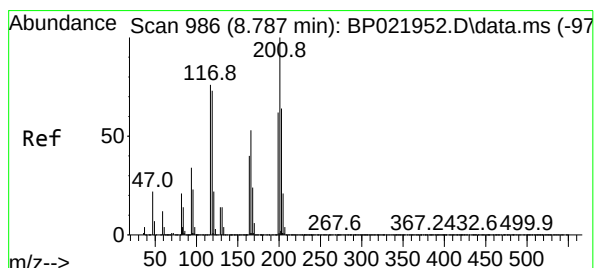
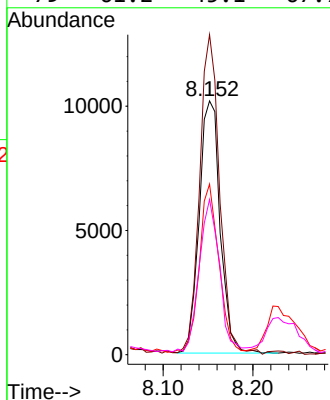
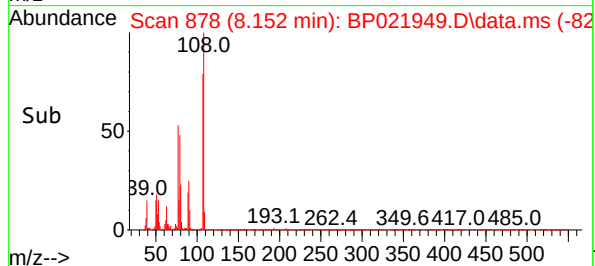
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



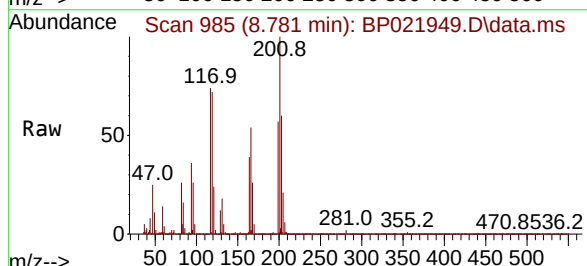
Tgt Ion:107 Resp: 1646
Ion Ratio Lower Upper
107 100
108 126.1 90.3 135.5
77 67.2 45.1 67.7
79 61.2 45.1 67.7

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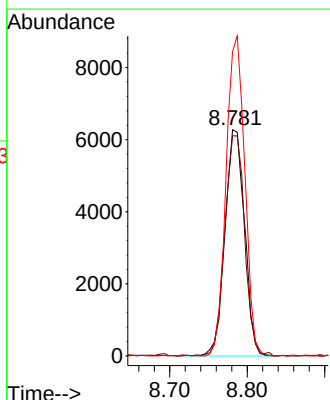
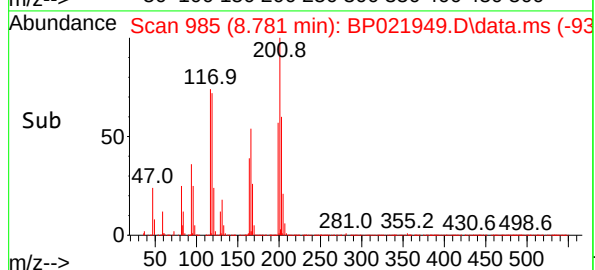
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

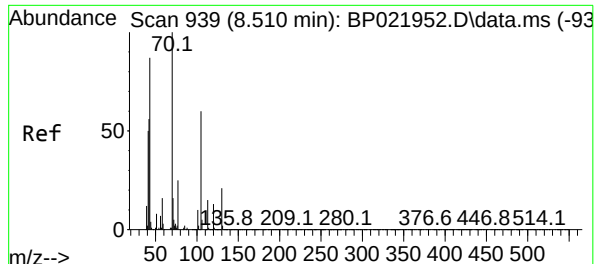


#18
Hexachloroethane
Concen: 5.265 ng
RT: 8.781 min Scan# 985
Delta R.T. -0.006 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36



Tgt Ion:117 Resp: 11053
Ion Ratio Lower Upper
117 100
119 97.3 77.0 115.4
201 139.0 105.6 158.4





#19

n-Nitroso-di-n-propylamine

Concen: 5.014 ng

RT: 8.505 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP021949.D

Acq: 19 Sep 2024 13:36

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion: 70 Resp: 16874

Ion Ratio Lower Upper

70 100

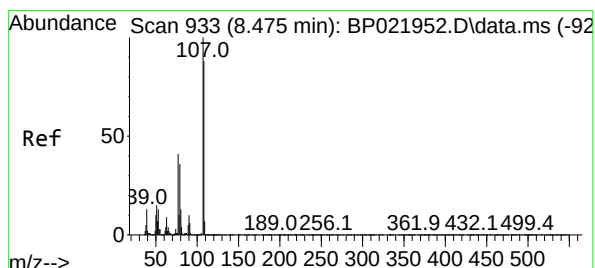
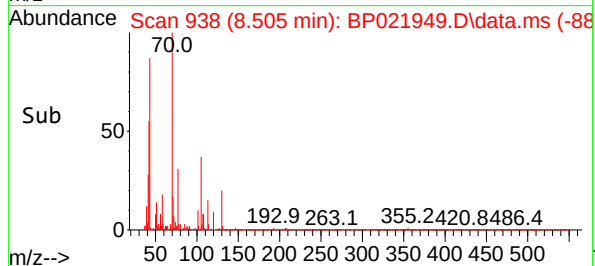
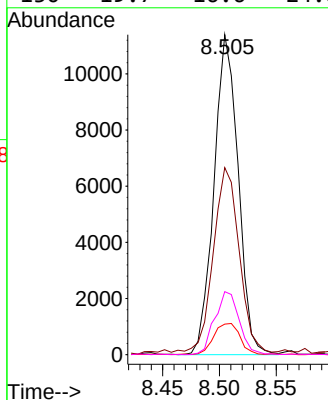
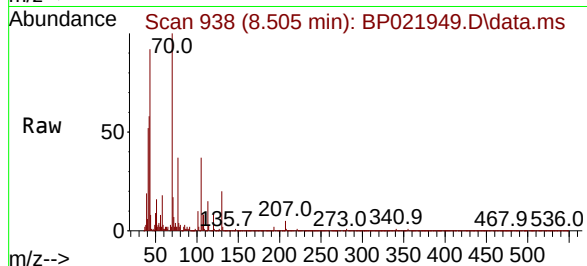
42 58.4 45.2 67.8

101 9.5 7.8 11.6

130 19.7 16.6 24.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#20

3+4-Methylphenols

Concen: 4.765 ng

RT: 8.475 min Scan# 933

Delta R.T. 0.000 min

Lab File: BP021949.D

Acq: 19 Sep 2024 13:36

Tgt Ion:107 Resp: 24436

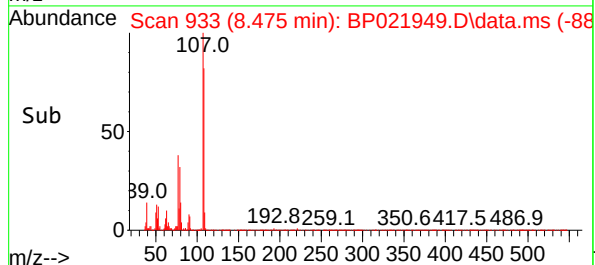
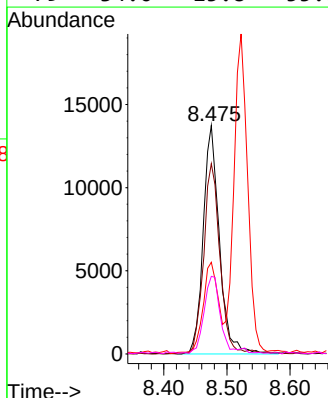
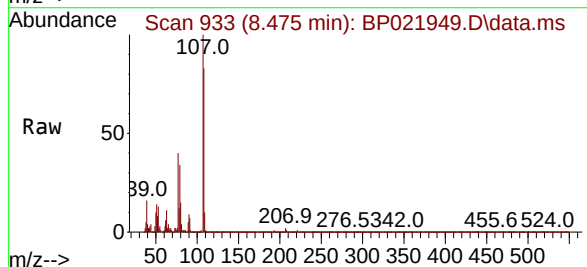
Ion Ratio Lower Upper

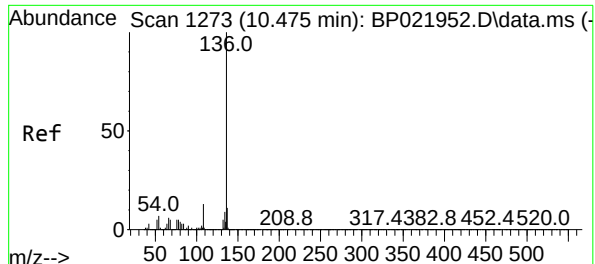
107 100

108 83.3 68.3 108.3

77 40.1 20.6 60.6

79 34.0 15.8 55.8





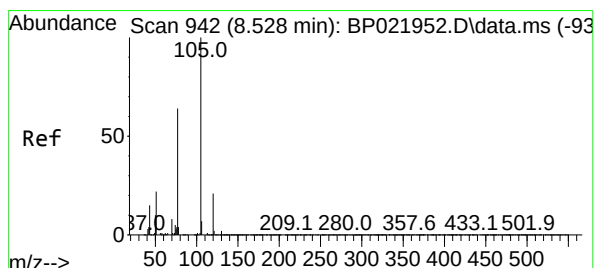
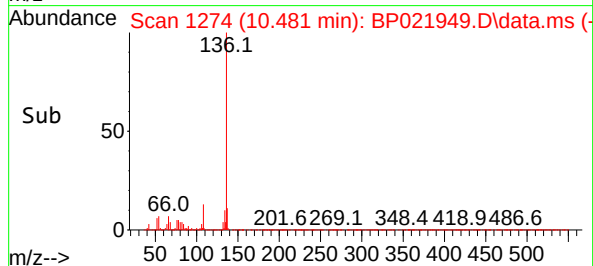
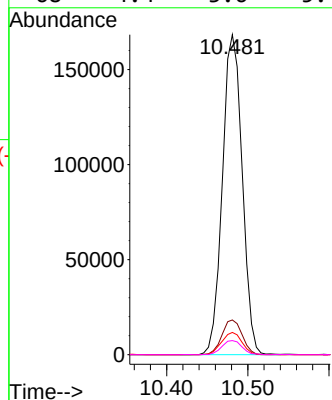
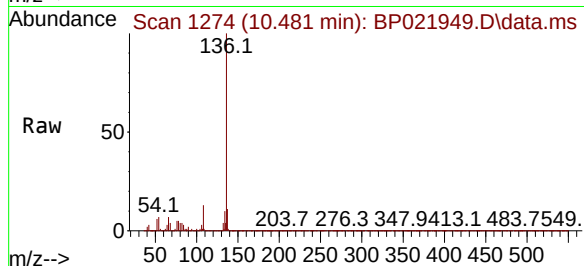
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:136 Resp: 28546
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.0 5.5 8.3
68 4.4 3.6 5.4

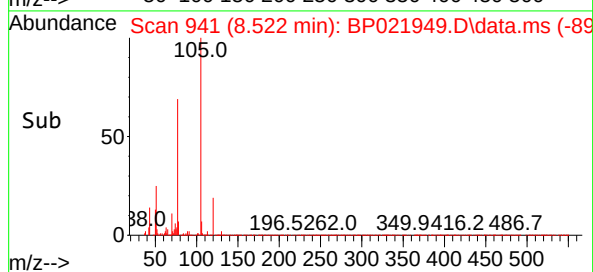
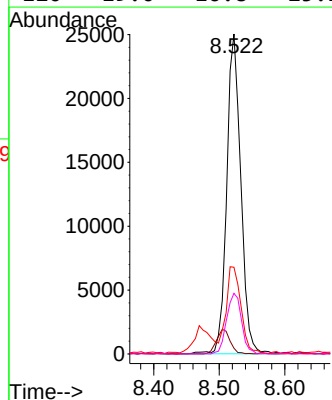
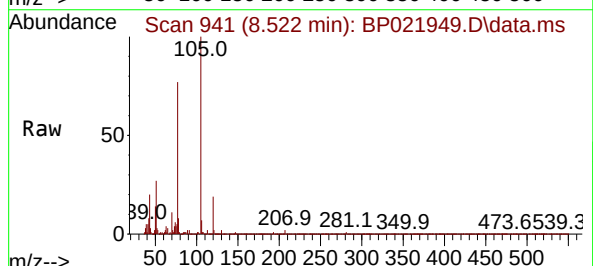
Manual Integrations
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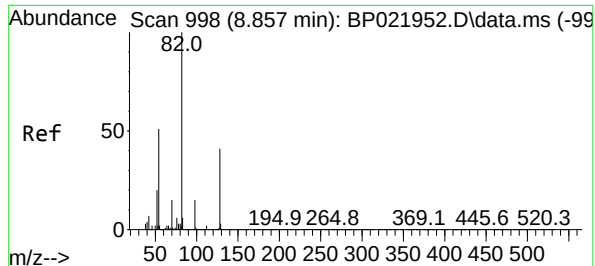
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#22
Acetophenone
Concen: 5.357 ng
RT: 8.522 min Scan# 941
Delta R.T. -0.006 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

Tgt Ion:105 Resp: 37303
Ion Ratio Lower Upper
105 100
71 1.8 1.4 2.0
51 27.1 22.1 33.1
120 19.0 16.8 25.2





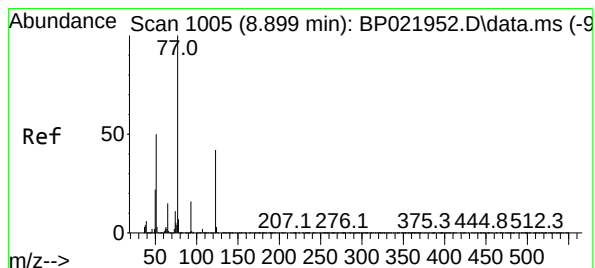
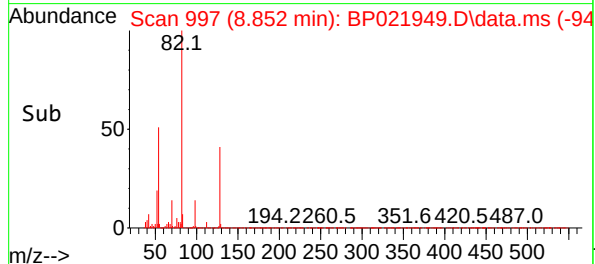
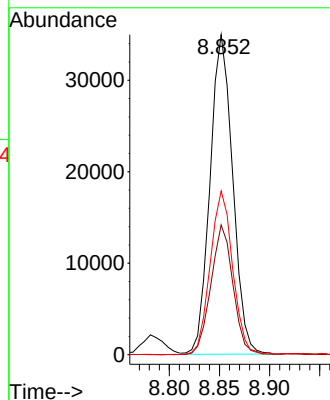
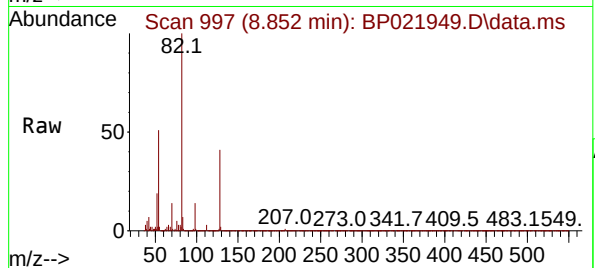
#23
Nitrobenzene-d5
Concen: 10.194 ng
RT: 8.852 min Scan# 94
Delta R.T. -0.006 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 5499
Ion Ratio Lower Upper
82 100
128 40.5 33.1 49.7
54 51.1 40.3 60.5

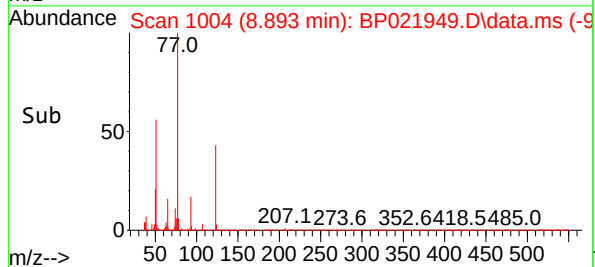
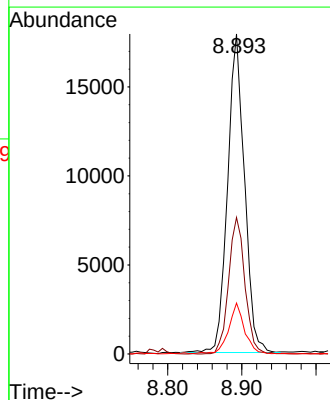
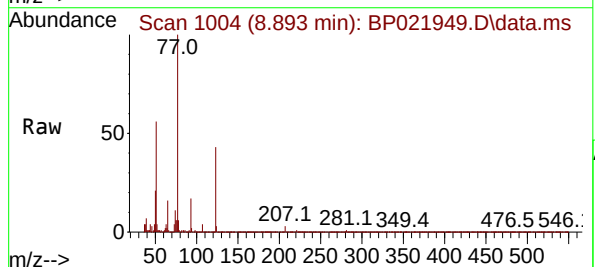
Manual Integrations
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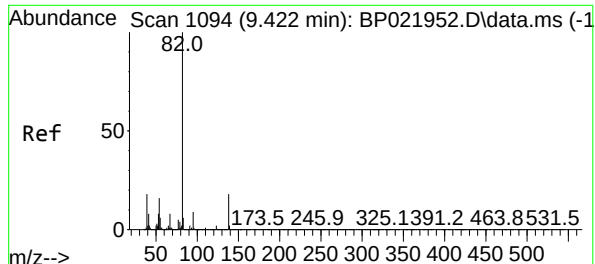
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#24
Nitrobenzene
Concen: 5.174 ng
RT: 8.893 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

Tgt Ion: 77 Resp: 28349
Ion Ratio Lower Upper
77 100
123 42.6 33.9 50.9
65 15.9 12.0 18.0





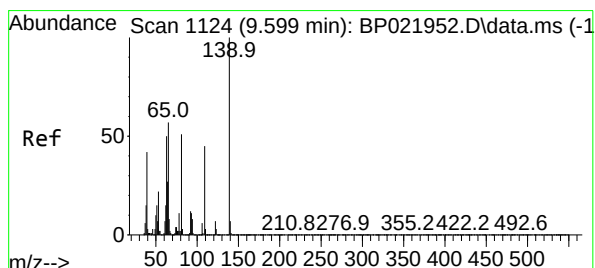
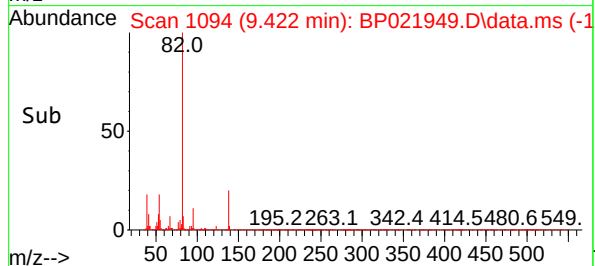
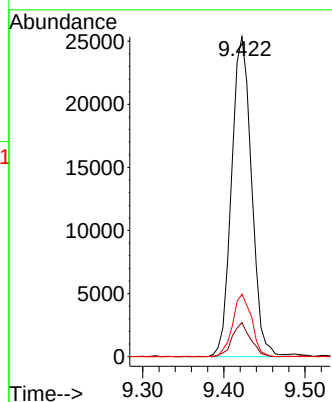
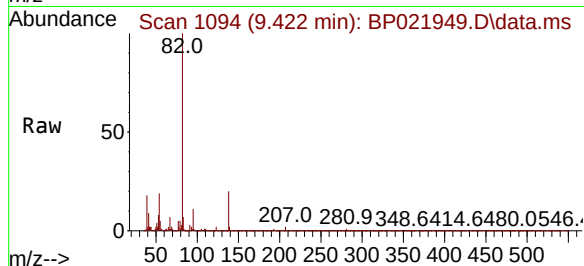
#25
Isophorone
Concen: 4.865 ng
RT: 9.422 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 43269
Ion Ratio Lower Upper
82 100
95 10.7 7.0 10.6
138 19.5 14.6 21.8

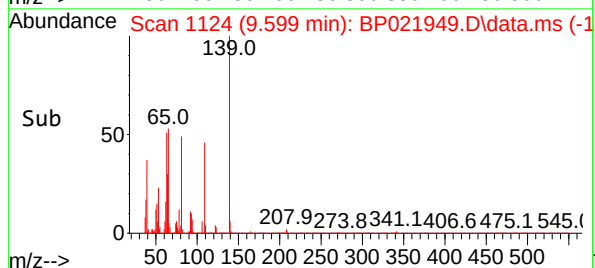
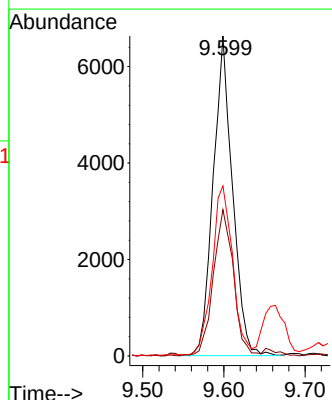
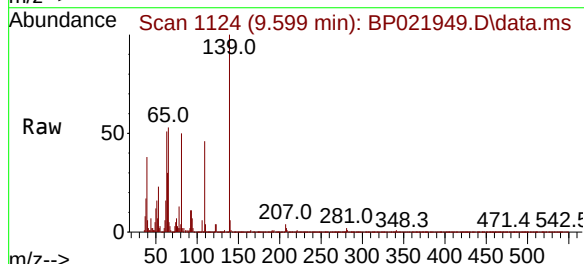
Manual Integrations
APPROVED

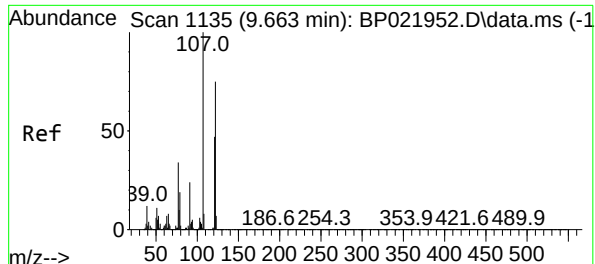
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#26
2-Nitrophenol
Concen: 4.584 ng
RT: 9.599 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

Tgt Ion:139 Resp: 10980
Ion Ratio Lower Upper
139 100
109 45.7 36.0 54.0
65 53.2 45.7 68.5





#27

2,4-Dimethylphenol

Concen: 4.979 ng

RT: 9.663 min Scan# 1135

Delta R.T. 0.000 min

Lab File: BP021949.D

Acq: 19 Sep 2024 13:36

Instrument :

BNA_P

ClientSampleId :

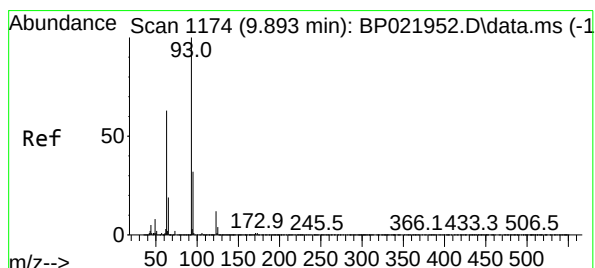
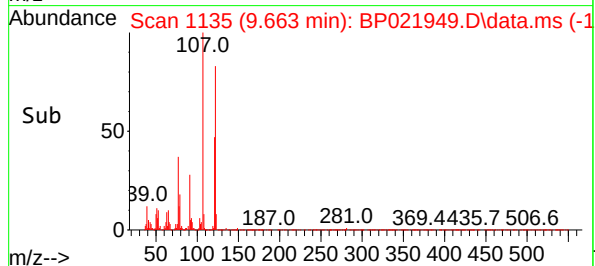
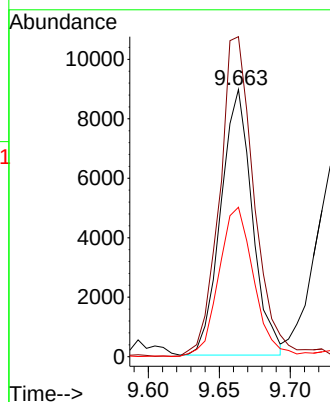
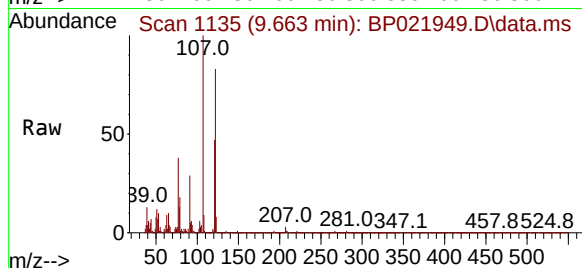
SSTDICC005

Tgt Ion:	122	Resp:	1381
Ion	Ratio	Lower	Upper
122	100		
107	119.8	106.1	159.1
121	56.0	49.6	74.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#28

bis(2-Chloroethoxy)methane

Concen: 5.265 ng

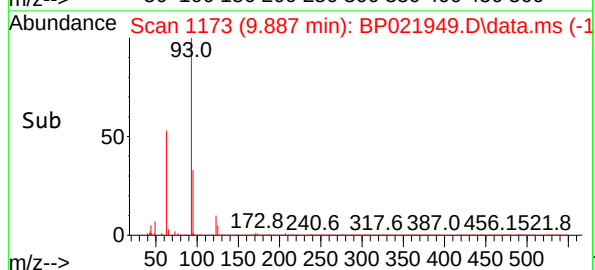
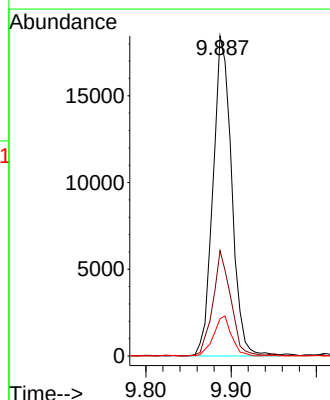
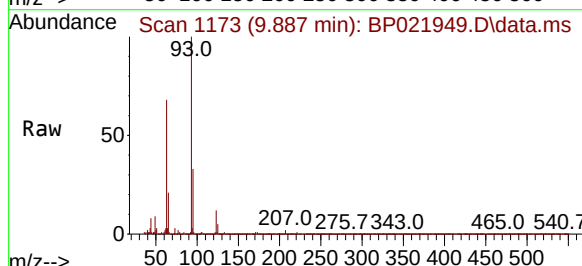
RT: 9.887 min Scan# 1173

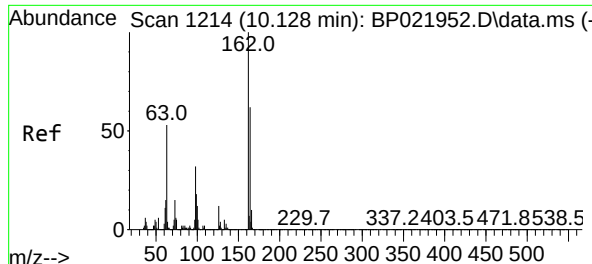
Delta R.T. -0.006 min

Lab File: BP021949.D

Acq: 19 Sep 2024 13:36

Tgt Ion:	93	Resp:	28077
Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.7	38.5
123	11.7	9.4	14.0





#29

2,4-Dichlorophenol

Concen: 4.734 ng

RT: 10.134 min Scan# 1214

Delta R.T. 0.006 min

Lab File: BP021949.D

Acq: 19 Sep 2024 13:36

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:162 Resp: 2228

Ion Ratio Lower Upper

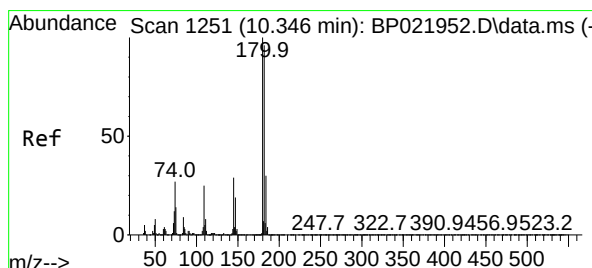
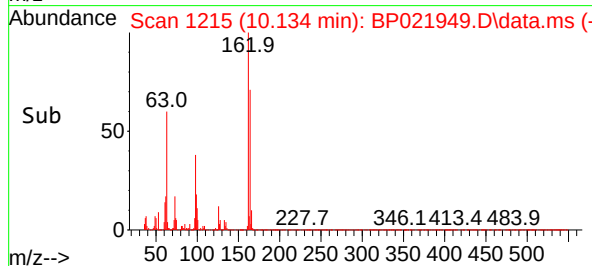
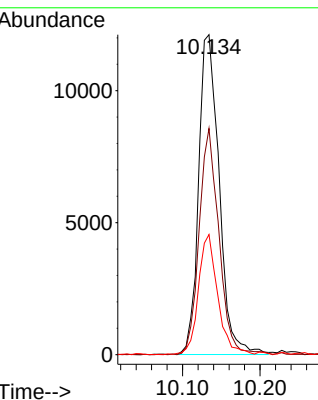
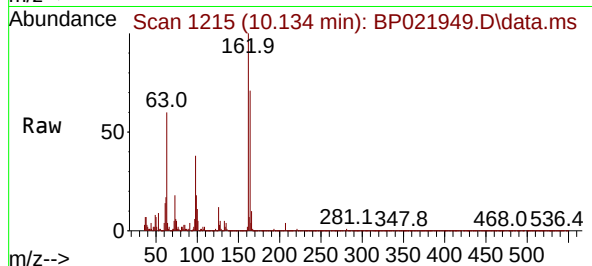
162 100

164 70.7 41.7 81.7

98 37.6 12.4 52.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#30

1,2,4-Trichlorobenzene

Concen: 5.240 ng

RT: 10.340 min Scan# 1250

Delta R.T. -0.006 min

Lab File: BP021949.D

Acq: 19 Sep 2024 13:36

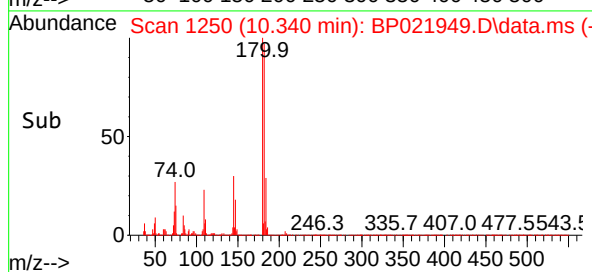
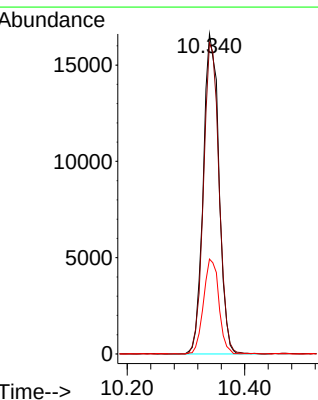
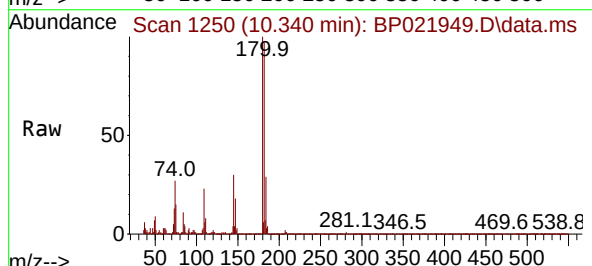
Tgt Ion:180 Resp: 30731

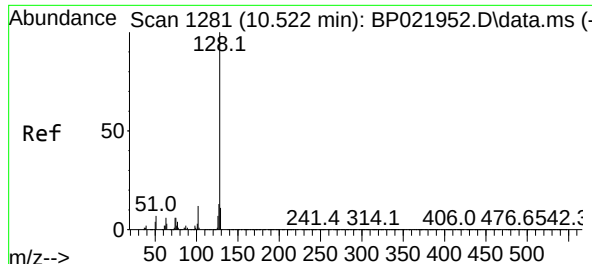
Ion Ratio Lower Upper

180 100

182 97.3 77.0 115.4

145 29.7 23.0 34.6





#31

Naphthalene

Concen: 5.310 ng

RT: 10.528 min Scan# 1146

Delta R.T. 0.006 min

Lab File: BP021949.D

Acq: 19 Sep 2024 13:36

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:128 Resp: 7564

Ion Ratio Lower Upper

128 100

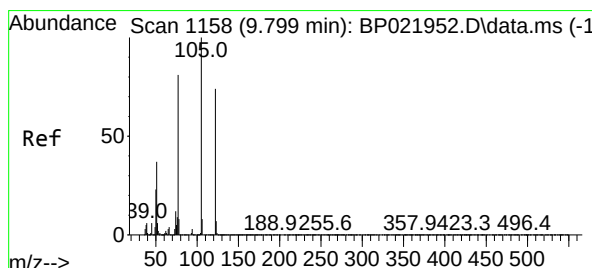
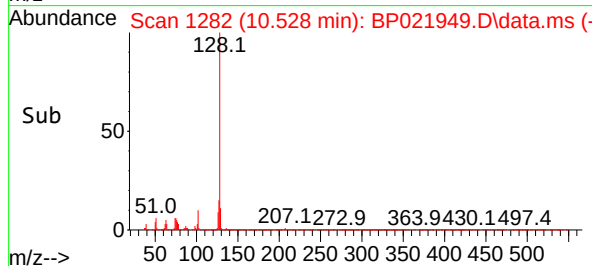
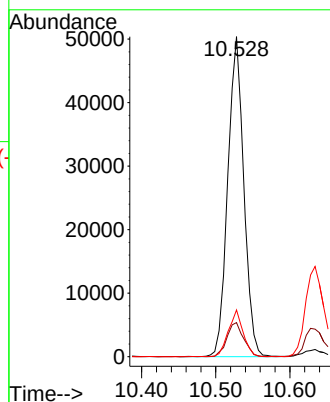
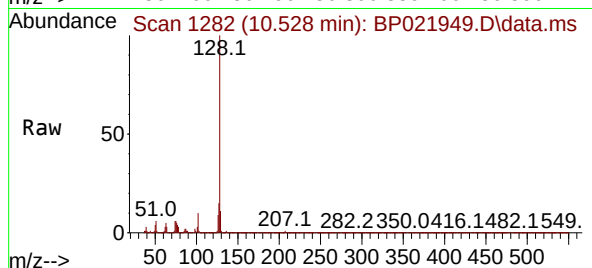
129 10.6 8.6 13.0

127 14.6 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/22/2024



#32

Benzoic acid

Concen: 3.966 ng m

RT: 9.728 min Scan# 1146

Delta R.T. -0.070 min

Lab File: BP021949.D

Acq: 19 Sep 2024 13:36

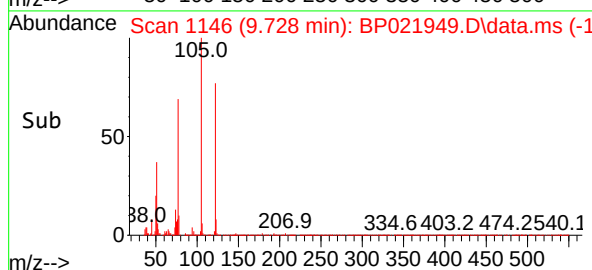
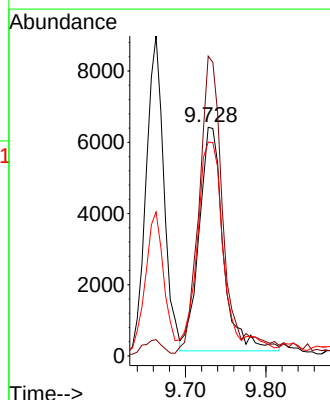
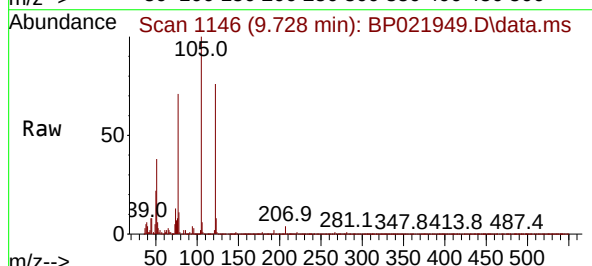
Tgt Ion:122 Resp: 13108

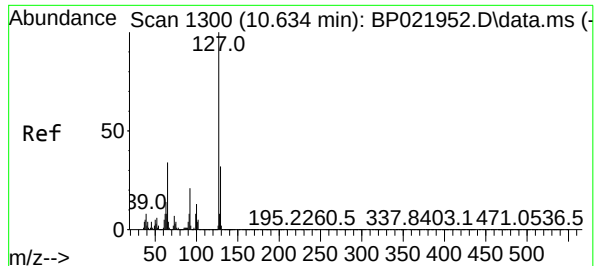
Ion Ratio Lower Upper

122 100

105 131.1 111.3 151.3

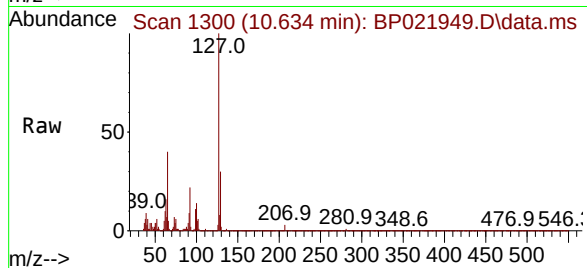
77 93.5 86.7 126.7





#33
4-Chloroaniline
Concen: 4.926 ng
RT: 10.634 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

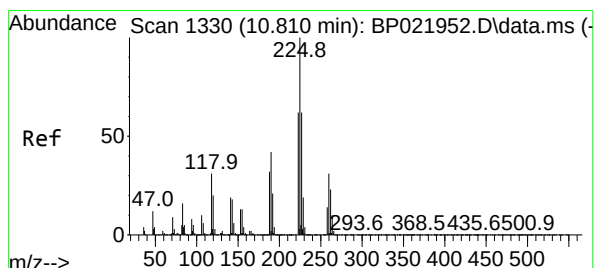
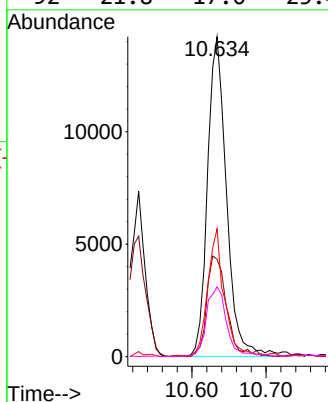
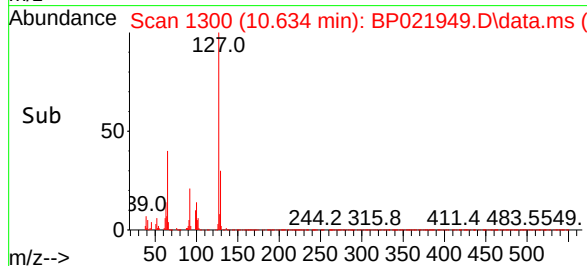
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



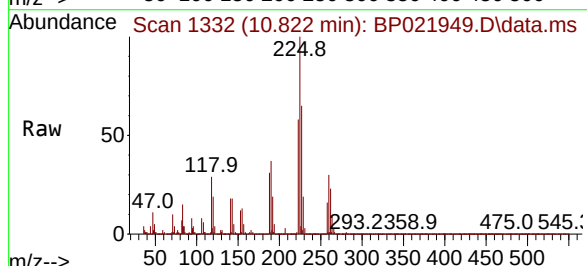
Tgt Ion:127 Resp: 25310
Ion Ratio Lower Upper
127 100
129 30.5 25.4 38.0
65 40.0 27.4 41.2
92 21.8 17.0 25.4

Manual Integrations
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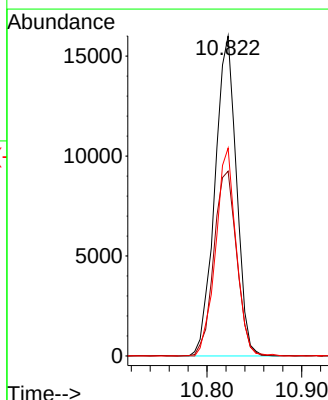
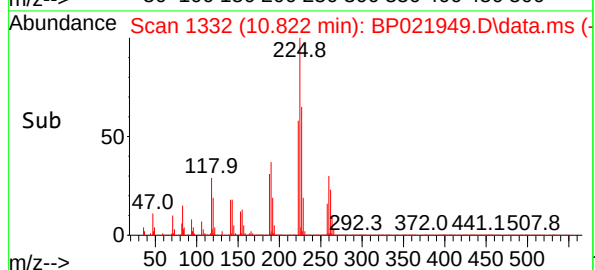
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

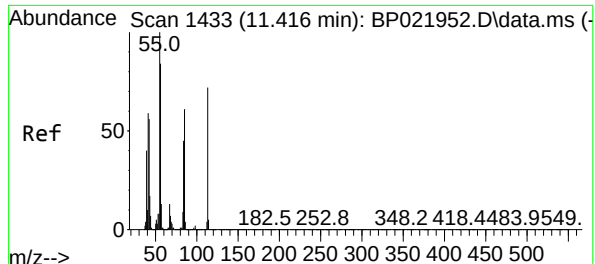


#34
Hexachlorobutadiene
Concen: 5.520 ng
RT: 10.822 min Scan# 1332
Delta R.T. 0.012 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36



Tgt Ion:225 Resp: 25326
Ion Ratio Lower Upper
225 100
223 57.8 50.0 75.0
227 67.0 49.7 74.5





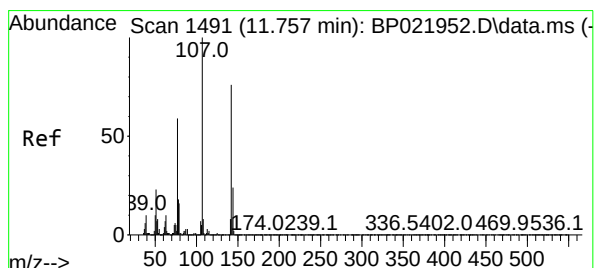
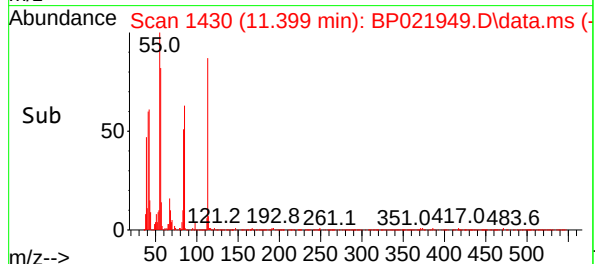
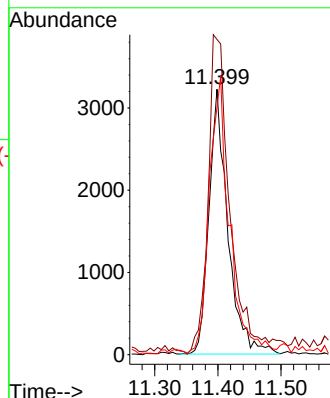
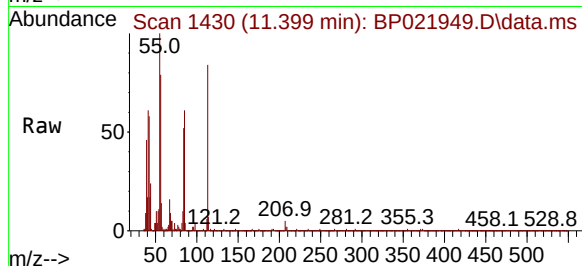
#35
Caprolactam
Concen: 4.796 ng
RT: 11.399 min Scan# 1433
Delta R.T. -0.018 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:113 Resp: 6708
Ion Ratio Lower Upper
113 100
55 118.7 119.4 159.4
56 93.2 97.1 137.1

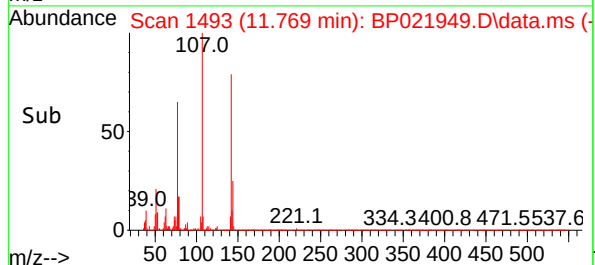
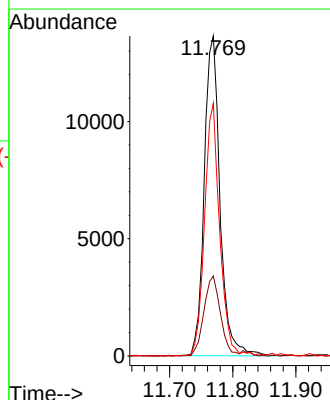
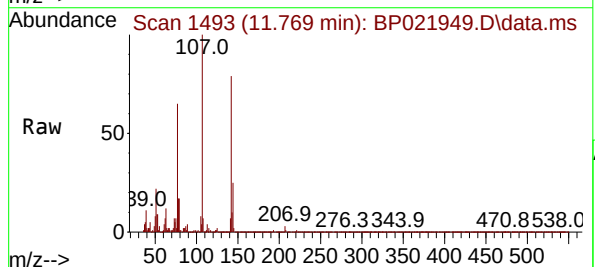
Manual Integrations
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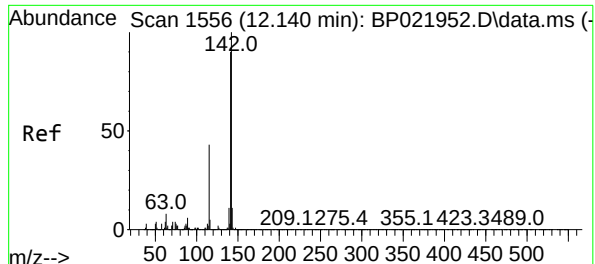
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#36
4-Chloro-3-methylphenol
Concen: 4.699 ng
RT: 11.769 min Scan# 1493
Delta R.T. 0.012 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

Tgt Ion:107 Resp: 23737
Ion Ratio Lower Upper
107 100
144 25.0 19.0 28.4
142 79.0 60.4 90.6





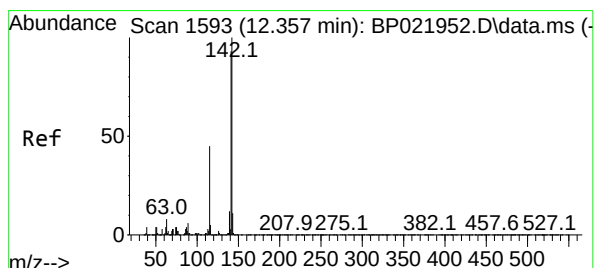
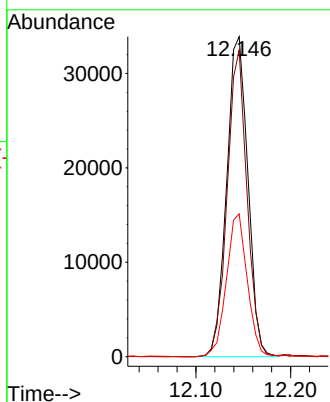
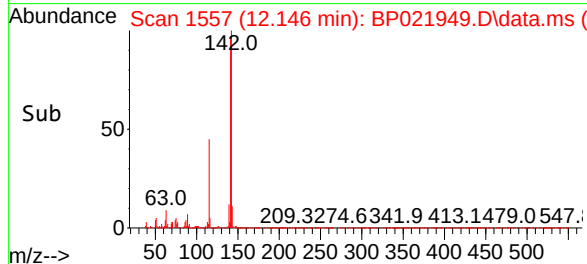
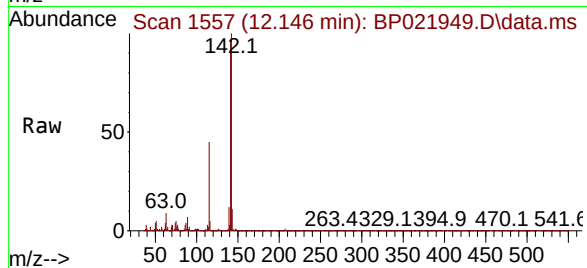
#37
2-Methylnaphthalene
Concen: 5.058 ng
RT: 12.146 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 52711
Ion Ratio Lower Upper
142 100
141 95.8 71.7 107.5
115 44.7 34.6 51.8

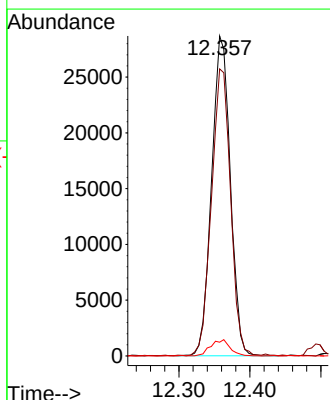
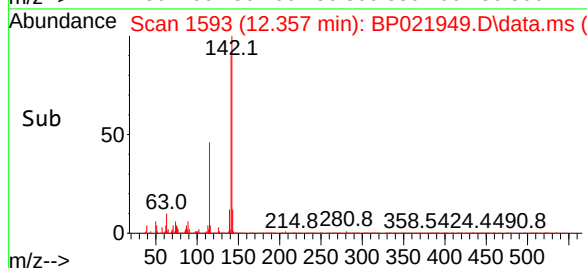
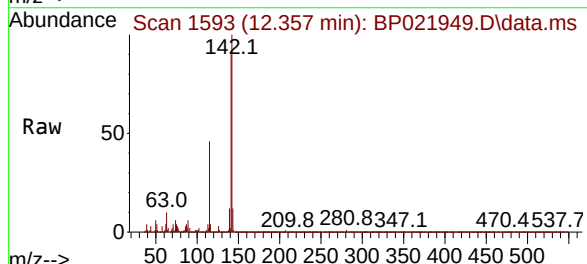
Manual Integrations
APPROVED

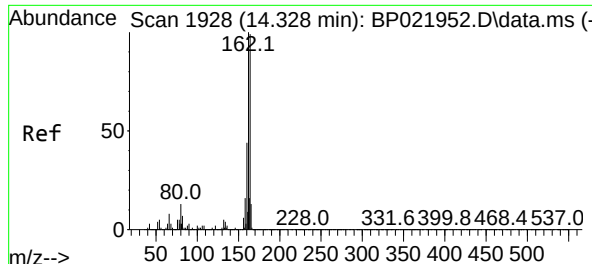
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#38
1-Methylnaphthalene
Concen: 5.086 ng
RT: 12.357 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

Tgt Ion:142 Resp: 52332
Ion Ratio Lower Upper
142 100
141 89.7 74.1 111.1
116 4.3 3.8 5.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.340 min Scan# 1928

Delta R.T. 0.012 min

Lab File: BP021949.D

Acq: 19 Sep 2024 13:36

Instrument :

BNA_P

ClientSampleId :

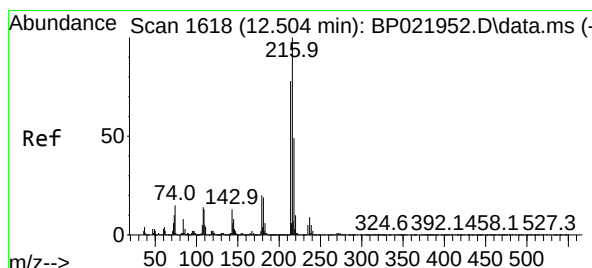
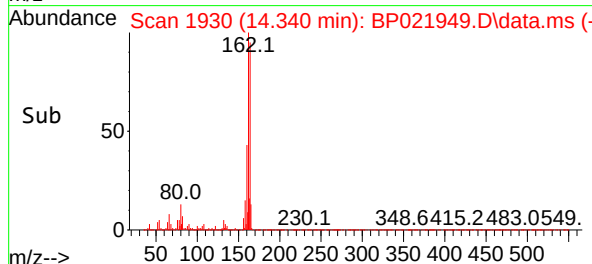
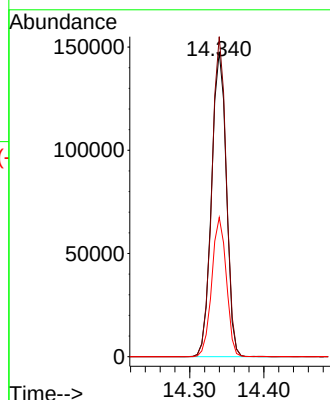
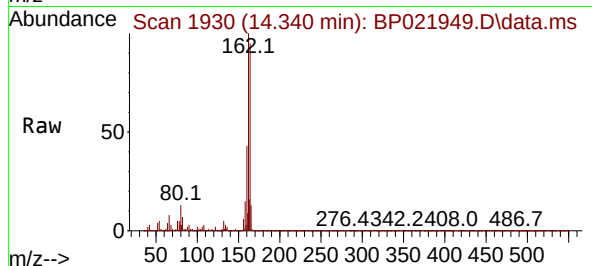
SSTDICC005

Tgt Ion:164	Resp: 204302
Ion Ratio	Lower Upper
164	100
162	104.9 81.2 121.8
160	45.6 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.248 ng

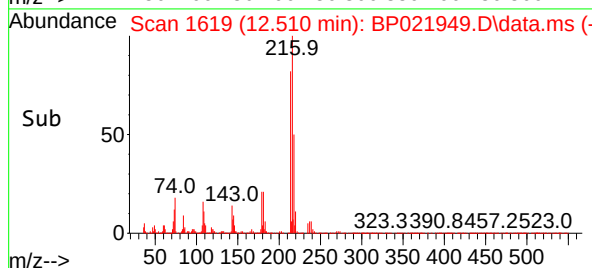
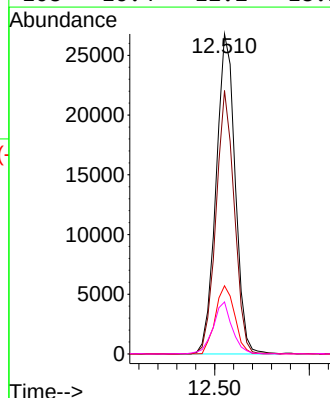
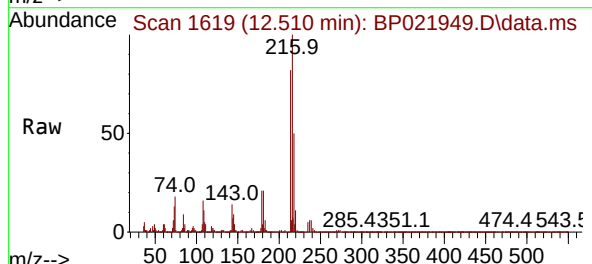
RT: 12.510 min Scan# 1619

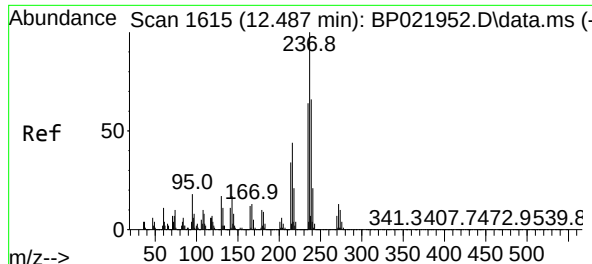
Delta R.T. 0.006 min

Lab File: BP021949.D

Acq: 19 Sep 2024 13:36

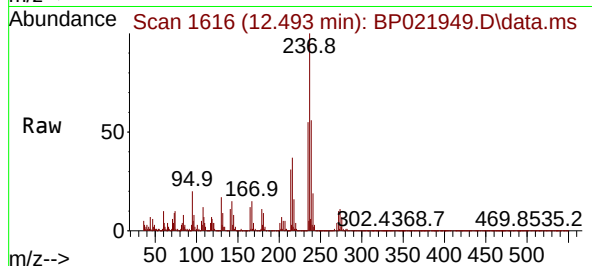
Tgt Ion:216	Resp: 37515
Ion Ratio	Lower Upper
216	100
214	78.9 62.8 94.2
179	21.7 16.4 24.6
108	16.4 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 4.974 ng
RT: 12.493 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

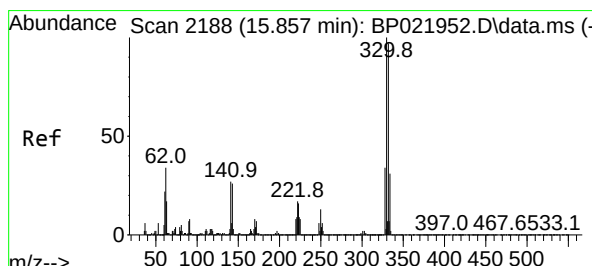
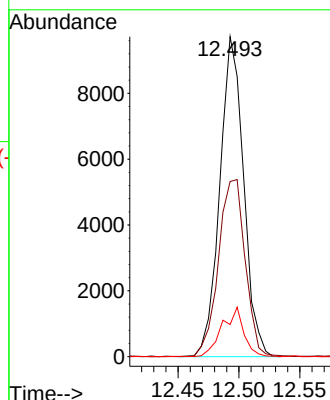
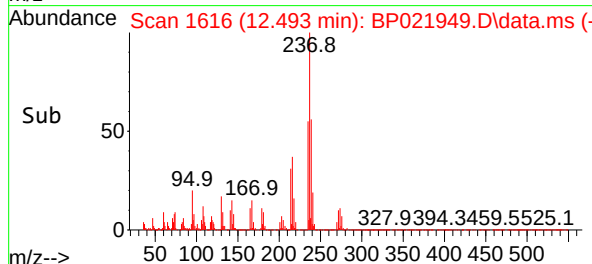
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 237 Resp: 13209
Ion Ratio Lower Upper
237 100
235 54.7 44.1 84.1
272 10.1 0.0 33.1

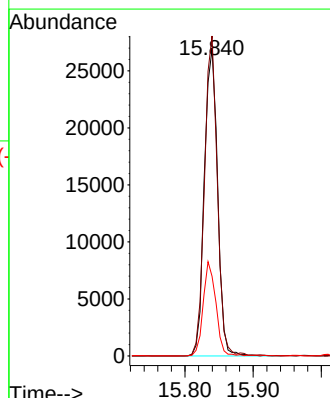
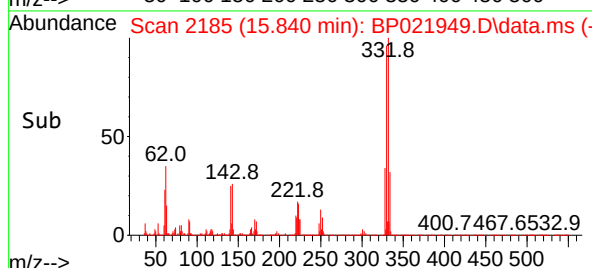
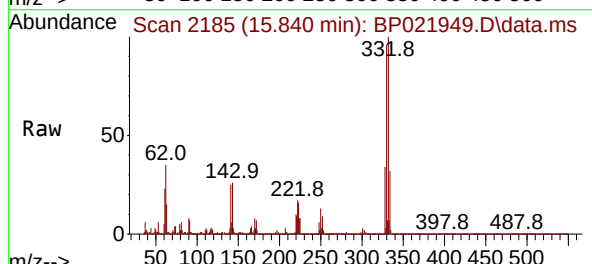
Manual Integrations
APPROVED

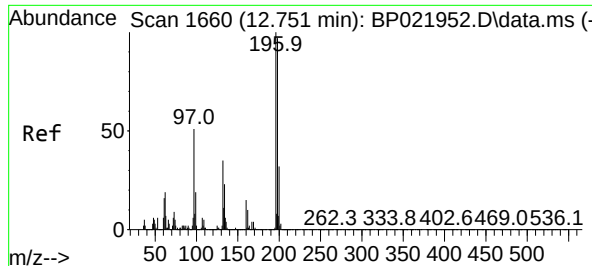
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#42
2,4,6-Tribromophenol
Concen: 9.619 ng
RT: 15.840 min Scan# 2185
Delta R.T. -0.018 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

Tgt Ion: 330 Resp: 36434
Ion Ratio Lower Upper
330 100
332 100.9 77.5 116.3
141 29.5 23.4 35.0





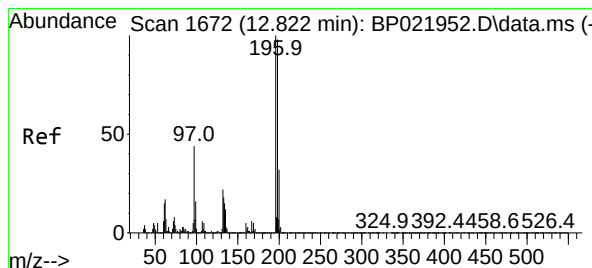
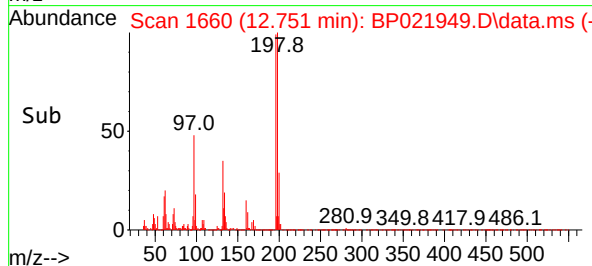
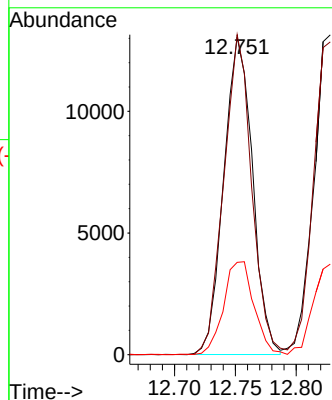
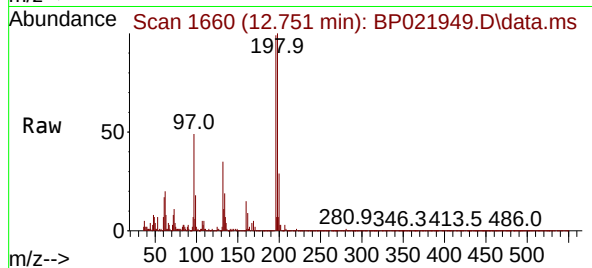
#43
2,4,6-Trichlorophenol
Concen: 4.892 ng
RT: 12.751 min Scan# 1660
Delta R.T. 0.000 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:196 Resp: 2146
Ion Ratio Lower Upper
196 100
198 100.8 77.6 116.4
200 29.1 25.8 38.6

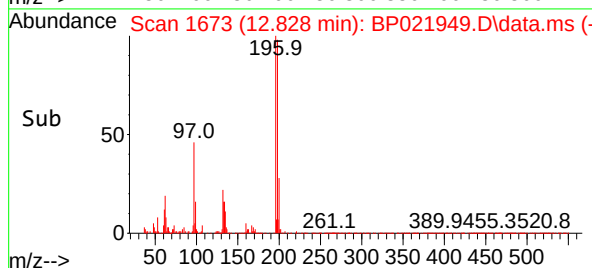
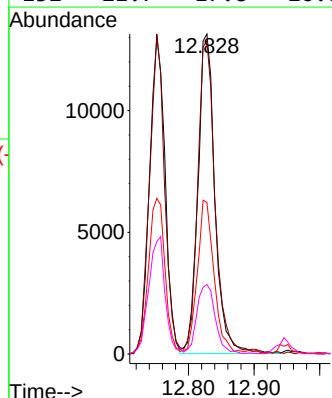
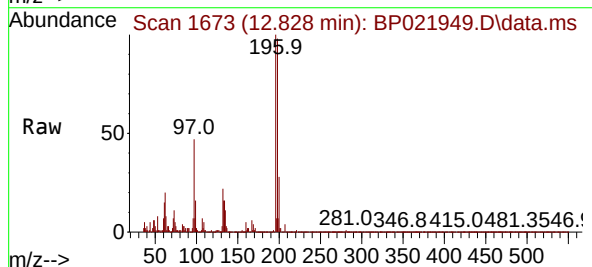
Manual Integrations
APPROVED

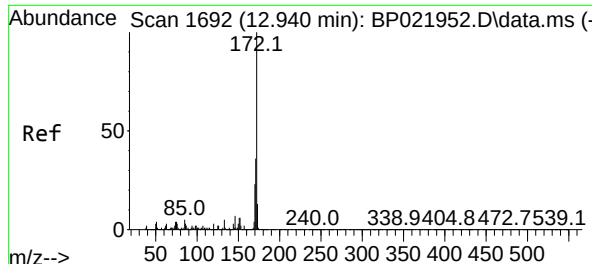
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#44
2,4,5-Trichlorophenol
Concen: 4.826 ng
RT: 12.828 min Scan# 1673
Delta R.T. 0.006 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

Tgt Ion:196 Resp: 23752
Ion Ratio Lower Upper
196 100
198 97.8 78.2 117.4
97 47.4 35.0 52.4
132 21.7 17.8 26.8





#45

2-Fluorobiphenyl

Concen: 10.792 ng

RT: 12.946 min Scan# 1692

Delta R.T. 0.006 min

Lab File: BP021949.D

Acq: 19 Sep 2024 13:36

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:172 Resp: 151039

Ion Ratio Lower Upper

172 100

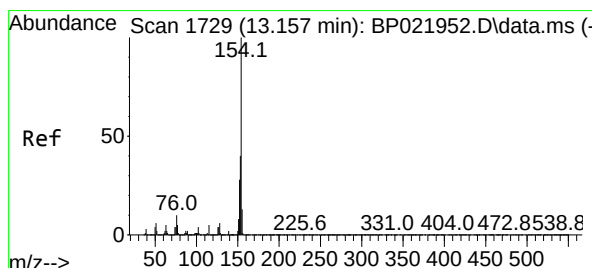
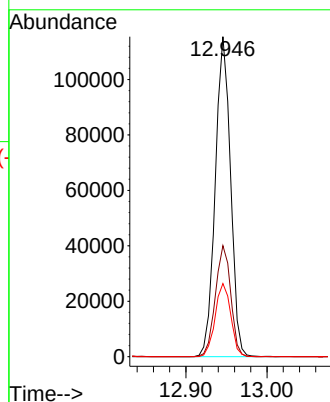
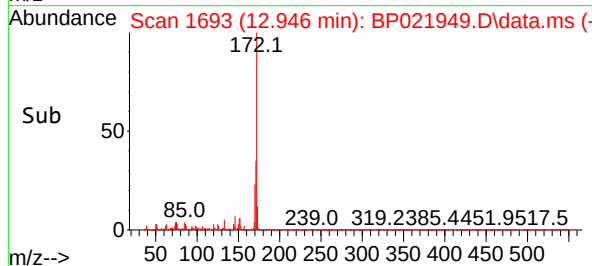
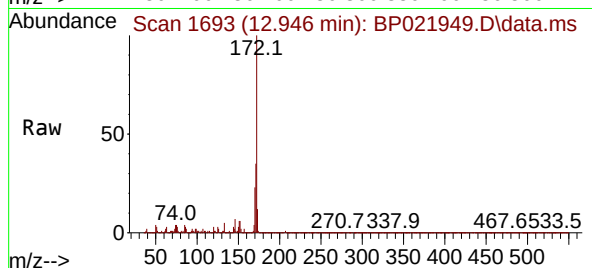
171 34.7 28.6 43.0

170 22.9 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/22/2024



#46

1,1'-Biphenyl

Concen: 5.257 ng

RT: 13.151 min Scan# 1728

Delta R.T. -0.006 min

Lab File: BP021949.D

Acq: 19 Sep 2024 13:36

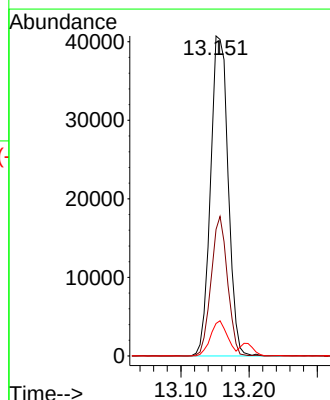
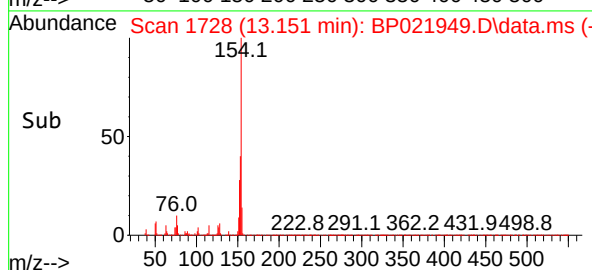
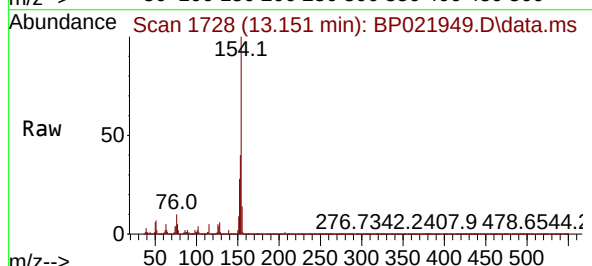
Tgt Ion:154 Resp: 73235

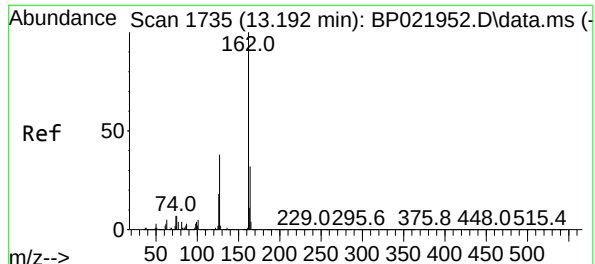
Ion Ratio Lower Upper

154 100

153 39.5 20.2 60.2

76 10.1 0.0 29.9





#47

2-Chloronaphthalene

Concen: 5.189 ng

RT: 13.199 min Scan# 1735

Delta R.T. 0.006 min

Lab File: BP021949.D

Acq: 19 Sep 2024 13:36

Instrument :

BNA_P

ClientSampleId :

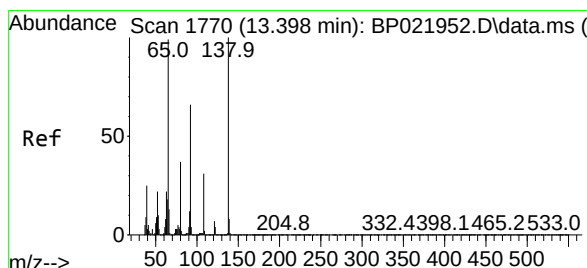
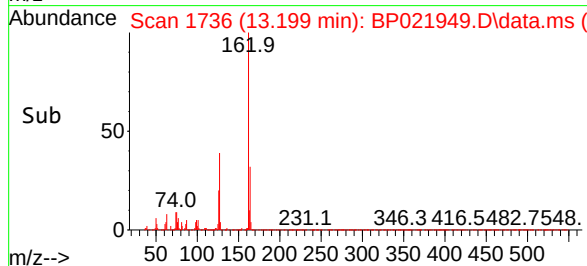
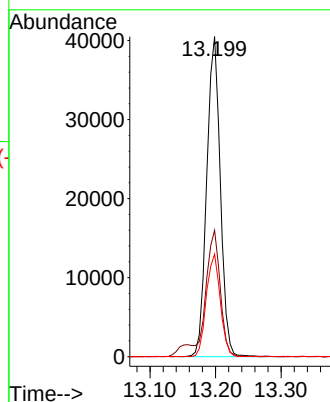
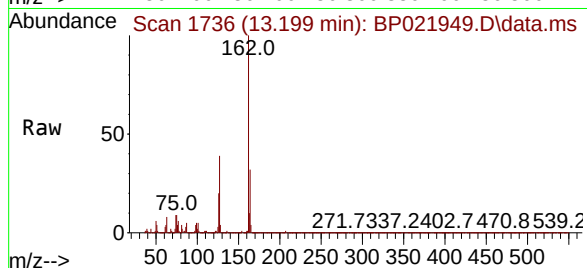
SSTDICC005

Tgt Ion:	162	Resp:	5844
Ion Ratio	Lower	Upper	
162	100		
127	39.5	31.7	47.5
164	32.1	25.9	38.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#48

2-Nitroaniline

Concen: 4.370 ng

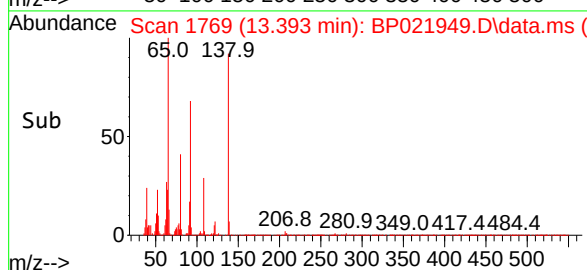
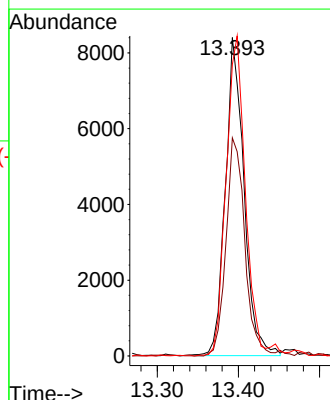
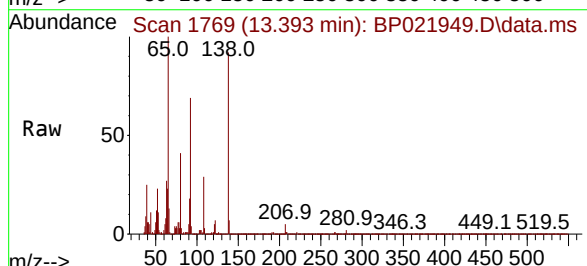
RT: 13.393 min Scan# 1769

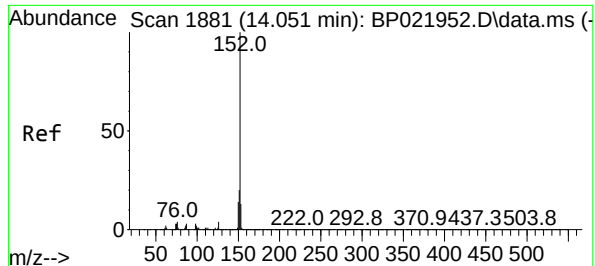
Delta R.T. -0.006 min

Lab File: BP021949.D

Acq: 19 Sep 2024 13:36

Tgt Ion:	65	Resp:	13441
Ion Ratio	Lower	Upper	
65	100		
92	68.5	53.2	79.8
138	91.6	81.1	121.7





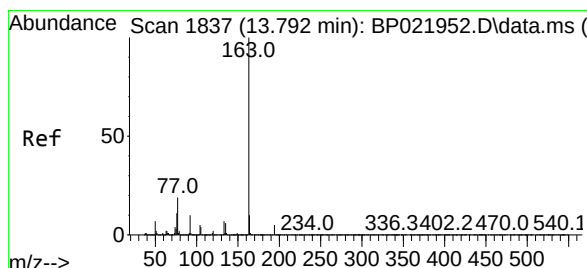
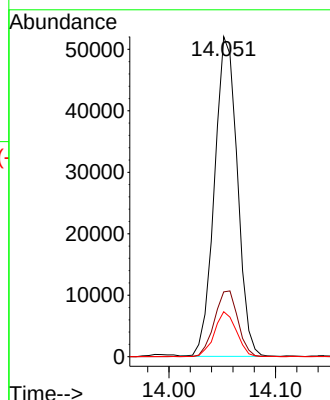
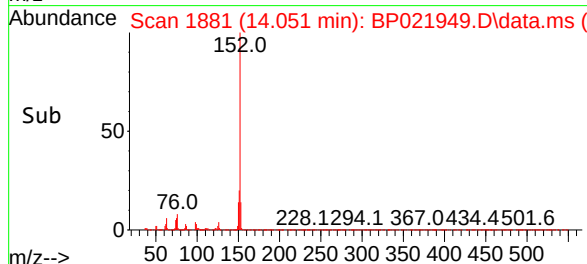
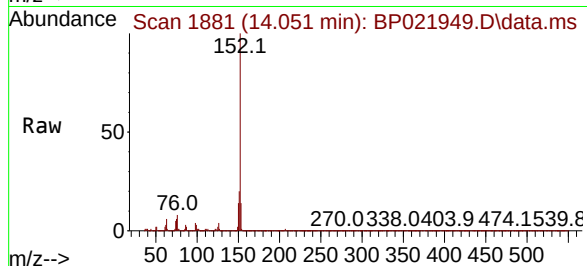
#49
Acenaphthylene
Concen: 4.878 ng
RT: 14.051 min Scan# 1881
Delta R.T. 0.000 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 77520
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 14.0 10.8 16.2

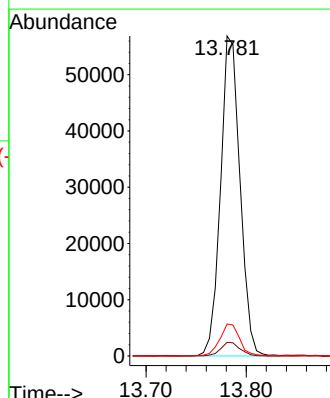
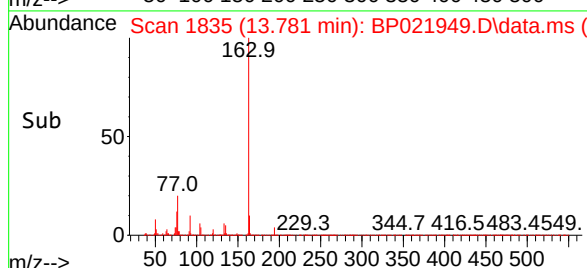
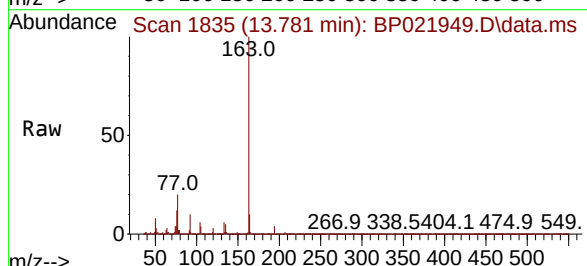
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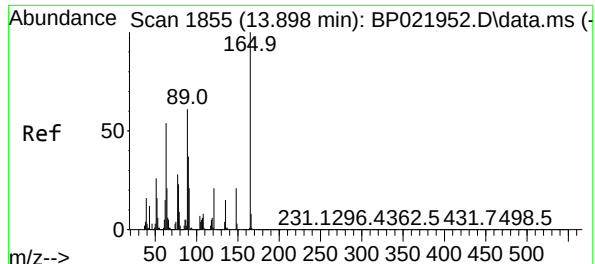
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#50
Dimethylphthalate
Concen: 5.170 ng
RT: 13.781 min Scan# 1835
Delta R.T. -0.012 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

Tgt Ion:163 Resp: 76603
Ion Ratio Lower Upper
163 100
194 4.2 3.6 5.4
164 10.0 8.0 12.0





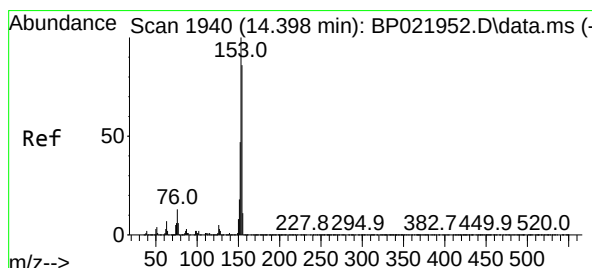
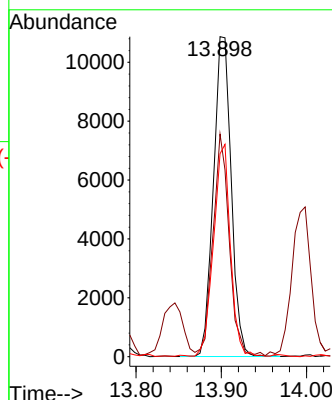
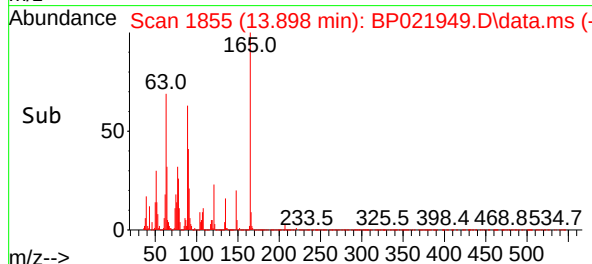
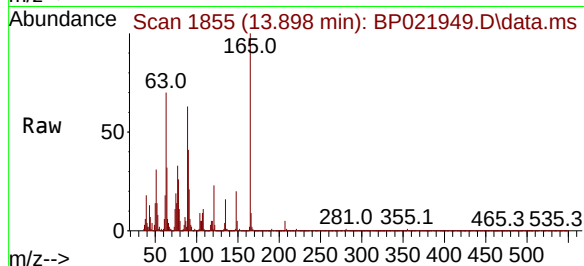
#51
2,6-Dinitrotoluene
Concen: 4.776 ng
RT: 13.898 min Scan# 1855
Delta R.T. 0.000 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:165 Resp: 15769
Ion Ratio Lower Upper
165 100
63 69.6 46.4 69.6
89 63.4 48.5 72.7

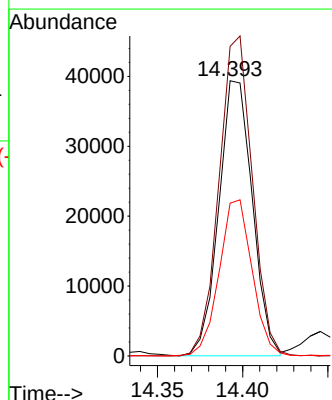
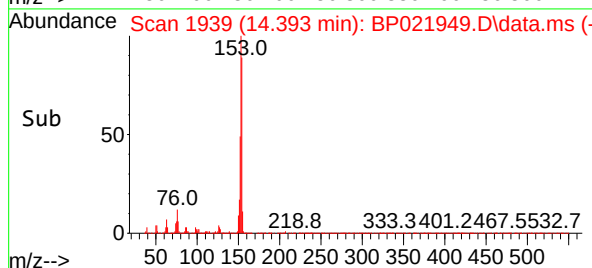
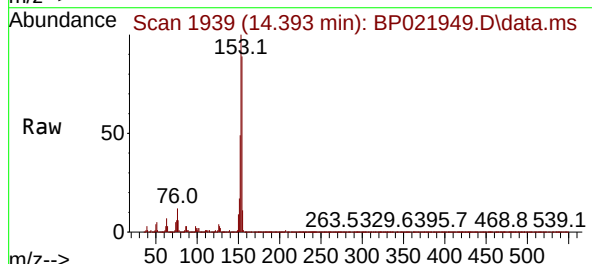
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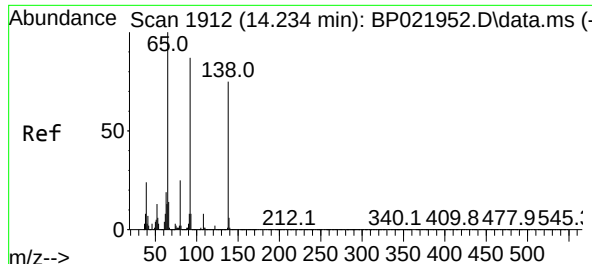
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#52
Acenaphthene
Concen: 5.205 ng
RT: 14.393 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

Tgt Ion:154 Resp: 53836
Ion Ratio Lower Upper
154 100
153 112.5 92.7 139.1
152 55.5 43.6 65.4





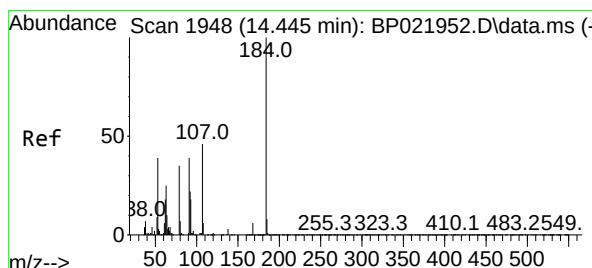
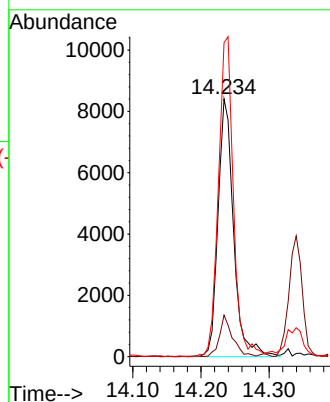
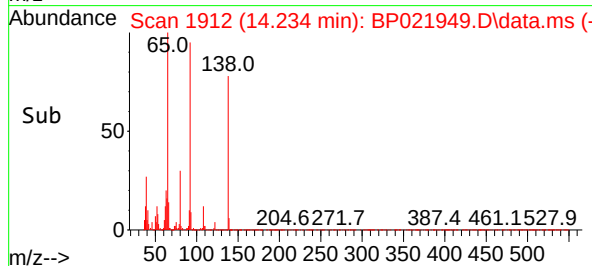
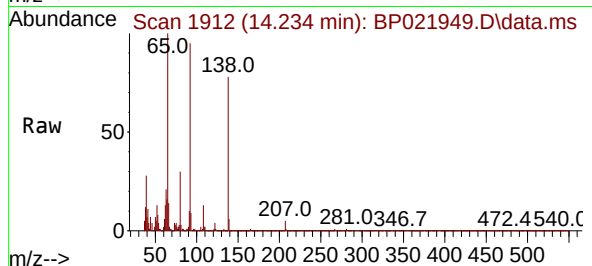
#53
3-Nitroaniline
Concen: 4.546 ng
RT: 14.234 min Scan# 1912
Delta R.T. 0.000 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:138 Resp: 13370
Ion Ratio Lower Upper
138 100
108 16.1 9.0 13.4
92 121.8 92.8 139.2

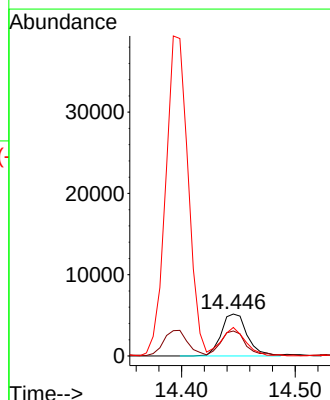
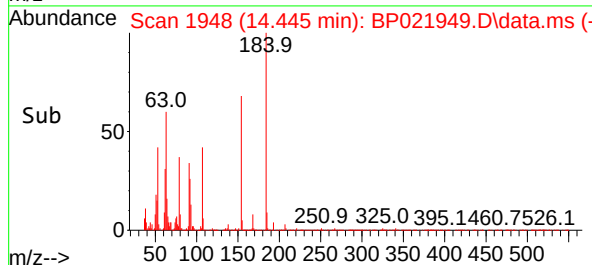
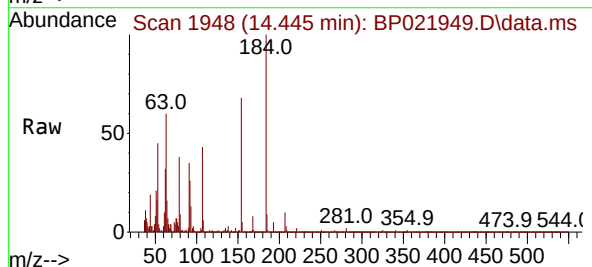
Manual Integrations
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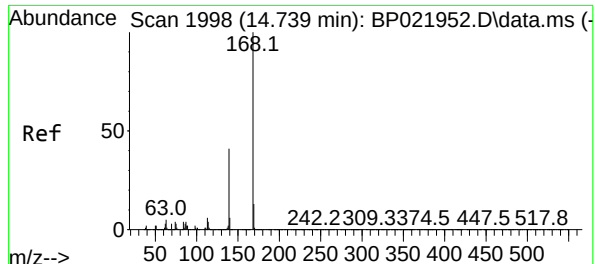
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#54
2,4-Dinitrophenol
Concen: 4.240 ng
RT: 14.445 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

Tgt Ion:184 Resp: 8203
Ion Ratio Lower Upper
184 100
63 59.7 49.0 73.6
154 68.0 58.1 87.1





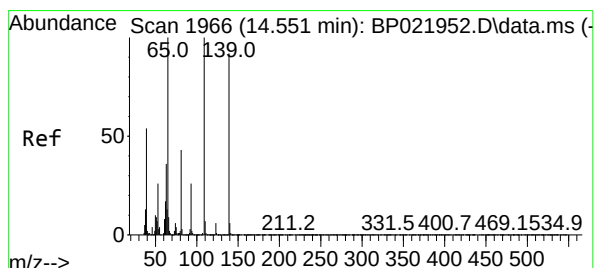
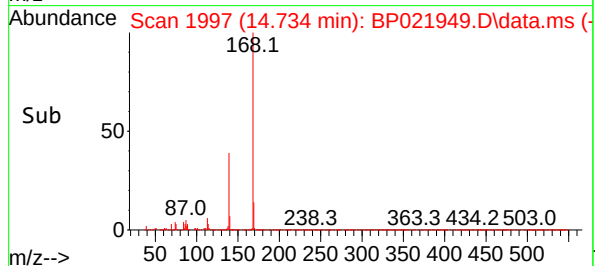
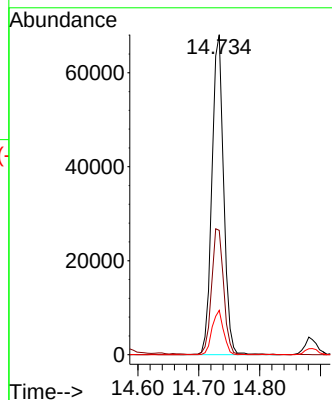
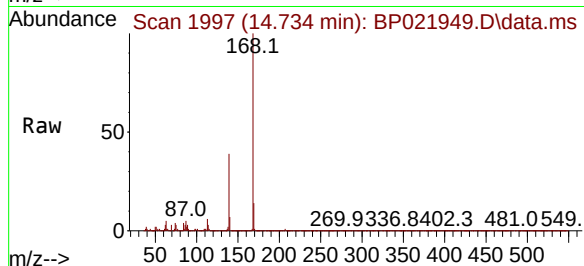
#55
Dibenzenofuran
Concen: 5.227 ng
RT: 14.734 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:168 Resp: 9088
Ion Ratio Lower Upper
168 100
139 38.9 33.0 49.4
169 13.8 10.7 16.1

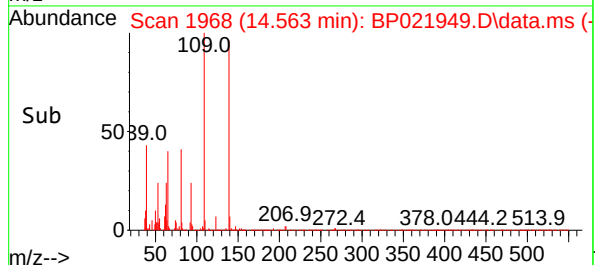
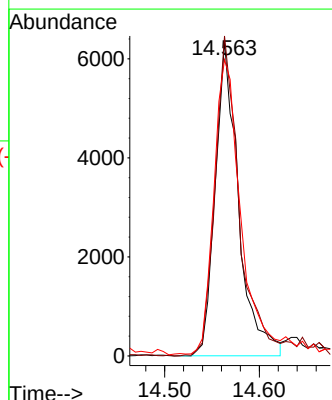
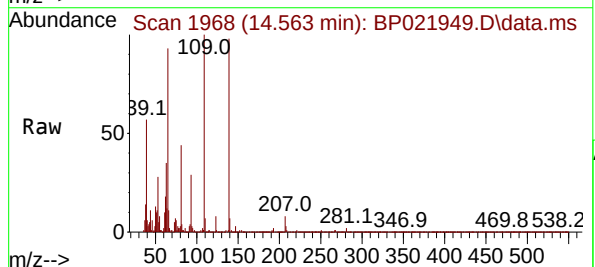
Manual Integrations
APPROVED

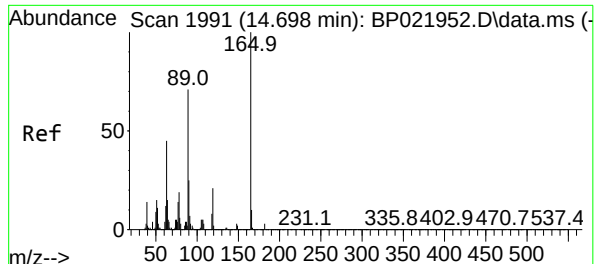
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#56
4-Nitrophenol
Concen: 4.241 ng
RT: 14.563 min Scan# 1968
Delta R.T. 0.012 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

Tgt Ion:139 Resp: 10862
Ion Ratio Lower Upper
139 100
109 101.7 88.6 128.6
65 94.1 88.7 128.7





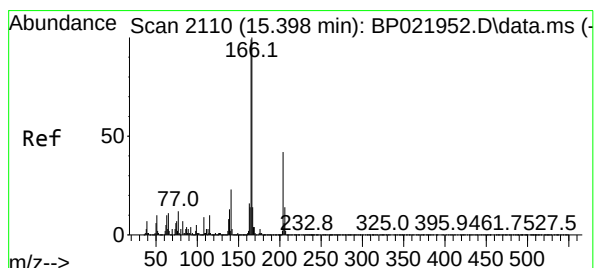
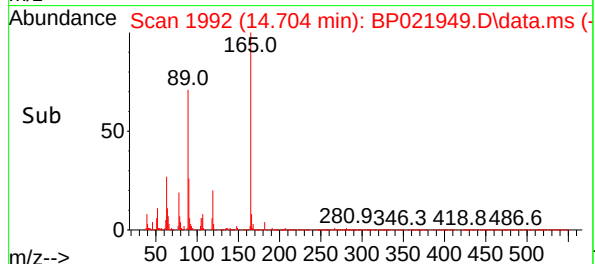
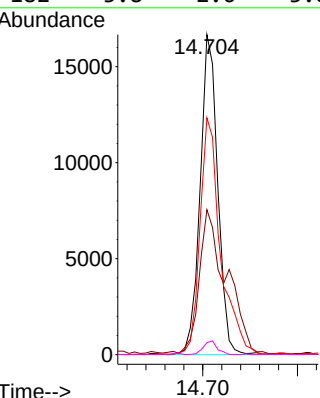
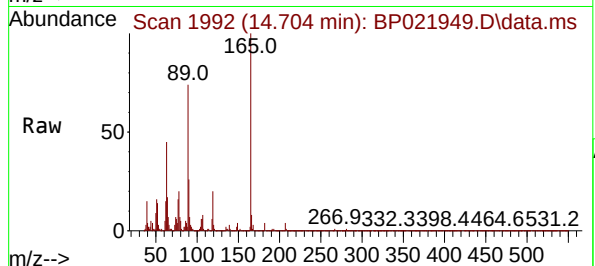
#57
2,4-Dinitrotoluene
Concen: 4.608 ng
RT: 14.704 min Scan# 1992
Delta R.T. 0.006 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:	165	Resp:	2150
Ion Ratio	Lower	Upper	
165	100		
63	45.3	36.3	54.5
89	74.0	57.2	85.8
182	3.8	2.6	3.8

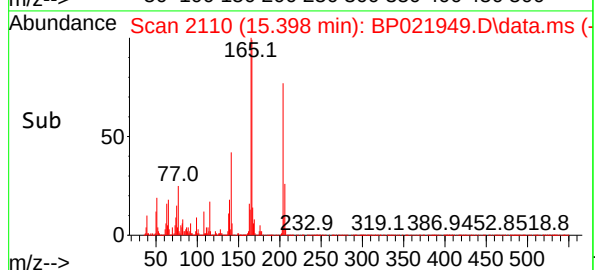
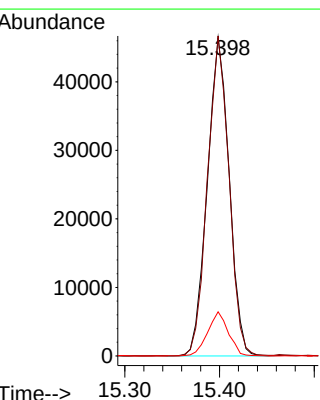
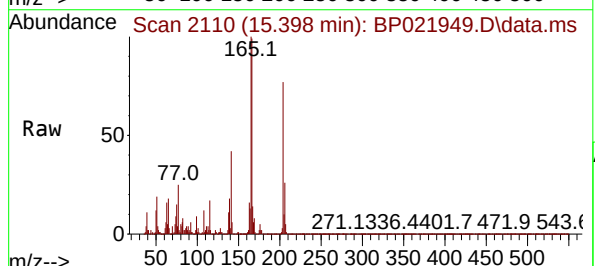
Manual Integrations
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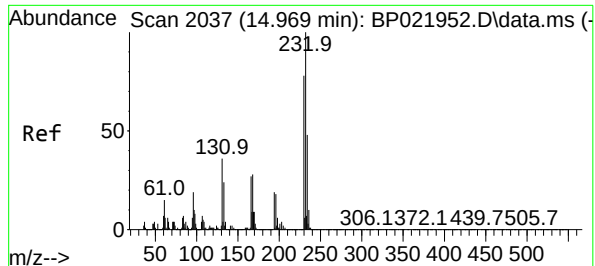
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#58
Fluorene
Concen: 5.140 ng
RT: 15.398 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

Tgt Ion:	166	Resp:	74633
Ion Ratio	Lower	Upper	
166	100		
165	100.6	79.4	119.2
167	13.9	10.9	16.3





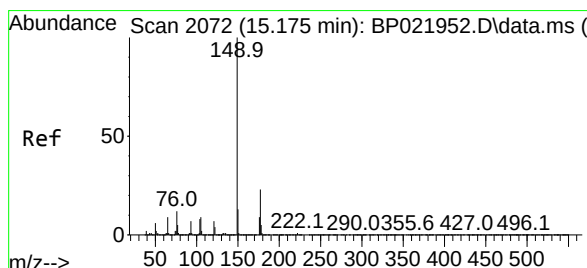
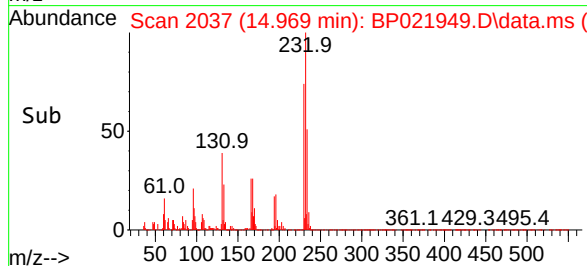
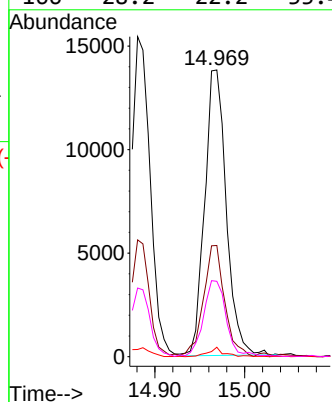
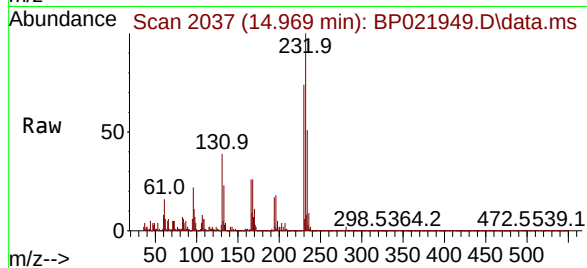
#59
2,3,4,6-Tetrachlorophenol
Concen: 4.859 ng
RT: 14.969 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion	Ratio	Lower	Upper
232	100		
131	38.0	30.2	45.4
130	2.4	1.9	2.9
166	28.2	22.2	33.4

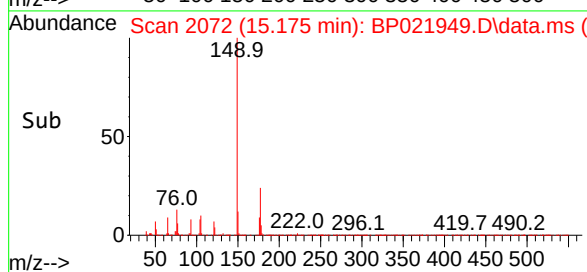
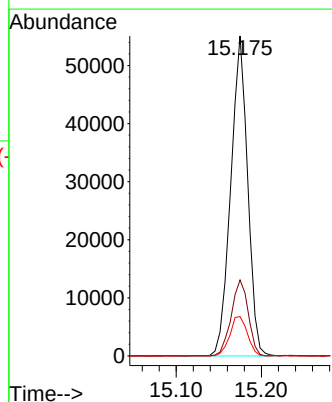
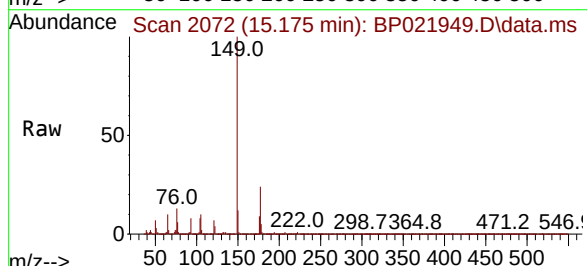
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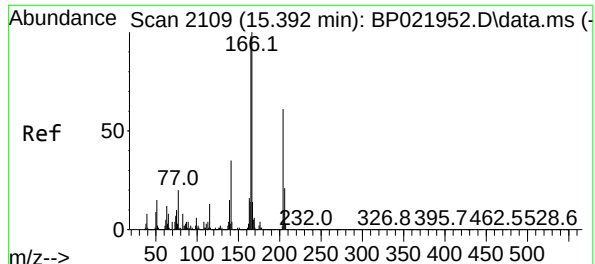
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#60
Diethylphthalate
Concen: 5.047 ng
RT: 15.175 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.8	18.2	27.4
150	12.3	10.1	15.1





#61

4-Chlorophenyl-phenylether

Concen: 5.118 ng

RT: 15.398 min Scan# 2109

Delta R.T. 0.006 min

Lab File: BP021949.D

Acq: 19 Sep 2024 13:36

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:204 Resp: 4326

Ion Ratio Lower Upper

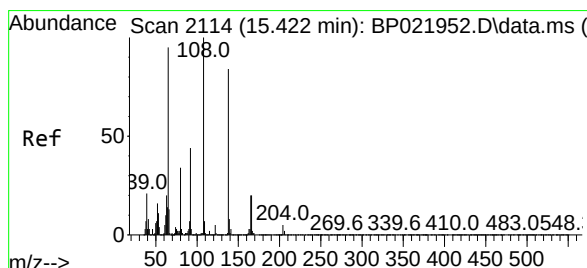
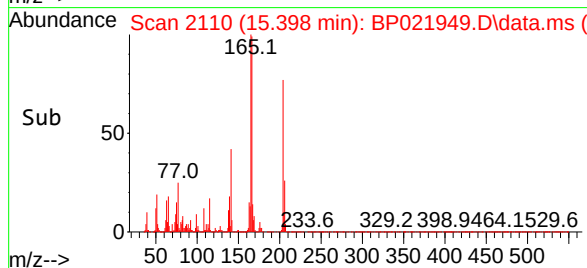
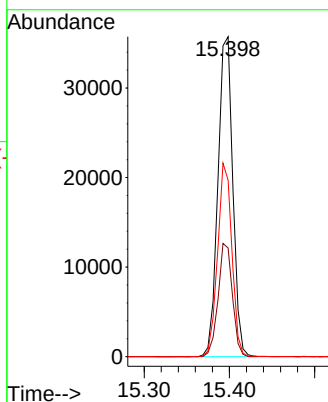
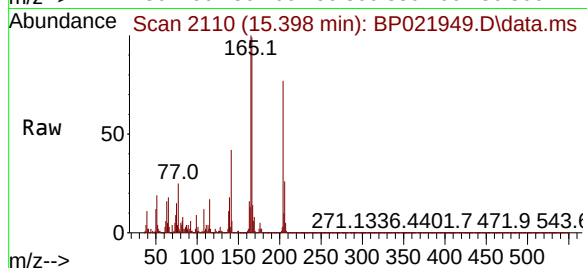
204 100

206 34.0 27.3 40.9

141 55.2 45.7 68.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#62

4-Nitroaniline

Concen: 4.522 ng m

RT: 15.410 min Scan# 2112

Delta R.T. -0.012 min

Lab File: BP021949.D

Acq: 19 Sep 2024 13:36

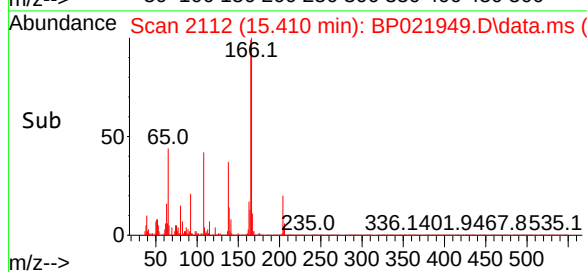
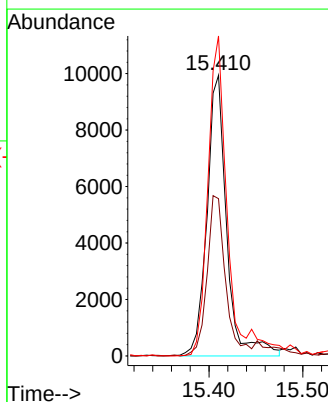
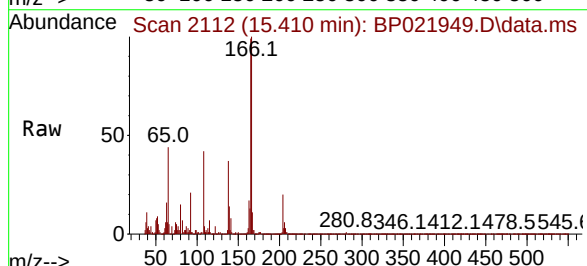
Tgt Ion:138 Resp: 14531

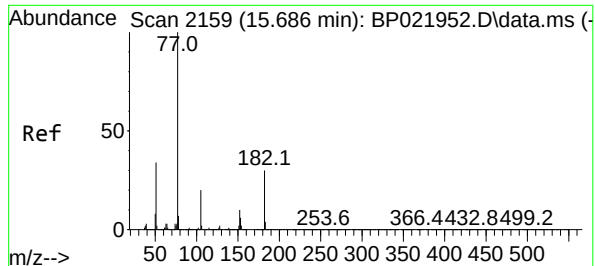
Ion Ratio Lower Upper

138 100

92 56.0 32.6 72.6

108 114.0 98.6 138.6





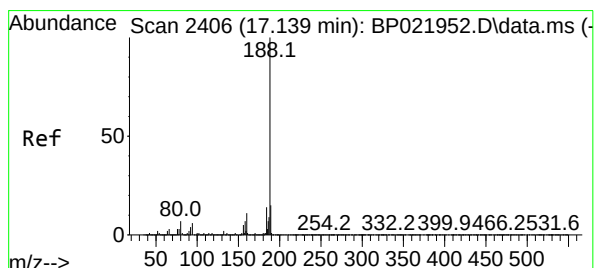
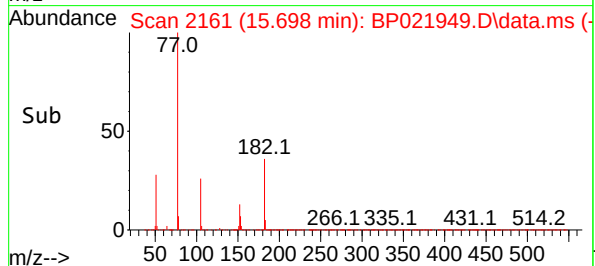
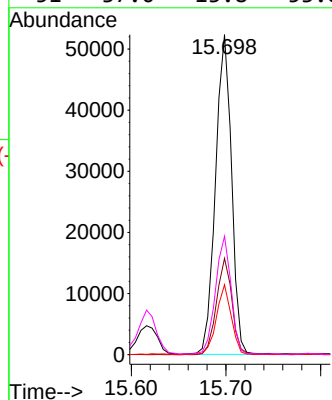
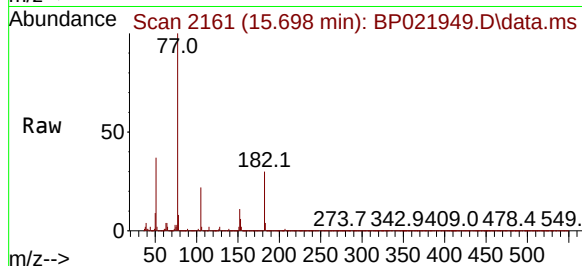
#63
Azobenzene
Concen: 4.938 ng
RT: 15.698 min Scan# 2159
Delta R.T. 0.012 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 77 Resp: 61532
Ion Ratio Lower Upper
77 100
182 30.1 9.6 49.6
105 21.9 0.0 39.8
51 37.0 13.8 53.8

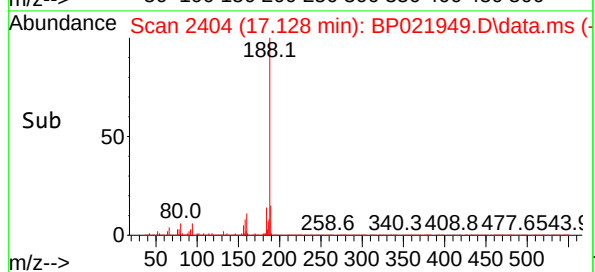
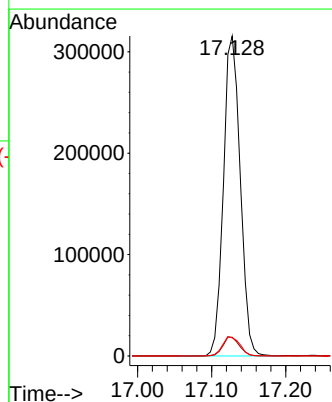
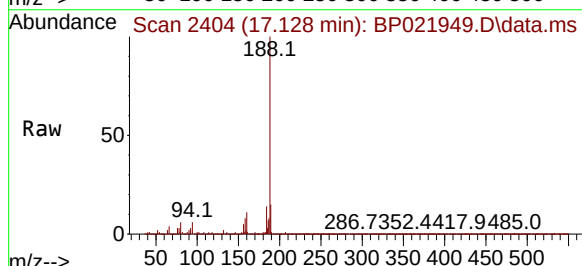
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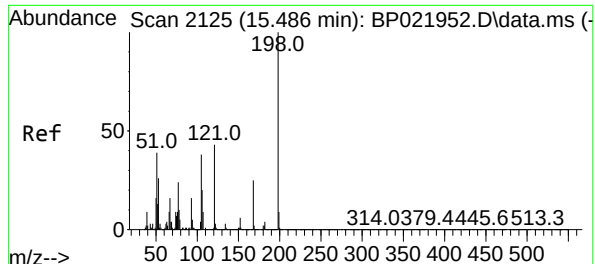
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.128 min Scan# 2404
Delta R.T. -0.012 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

Tgt Ion:188 Resp: 496880
Ion Ratio Lower Upper
188 100
94 5.8 4.6 6.8
80 5.7 5.4 8.2





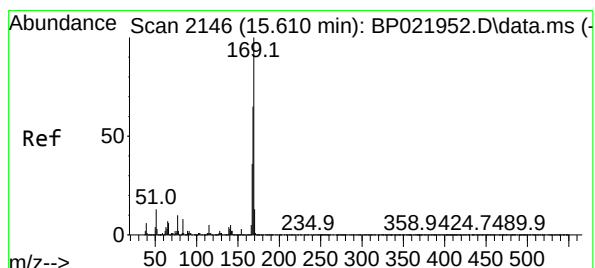
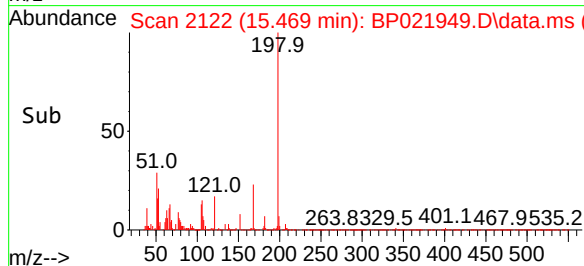
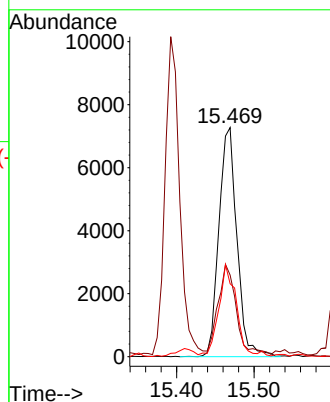
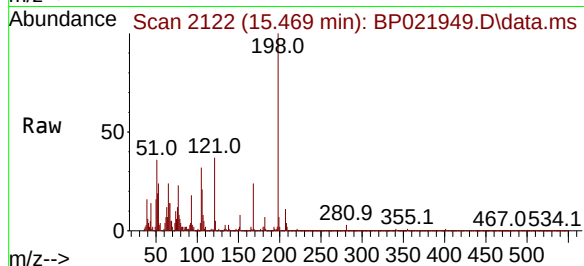
#65
4,6-Dinitro-2-methylphenol
Concen: 4.082 ng
RT: 15.469 min Scan# 2122
Delta R.T. -0.017 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:198 Resp: 1175
Ion Ratio Lower Upper
198 100
51 35.6 20.7 60.7
105 31.8 18.4 58.4

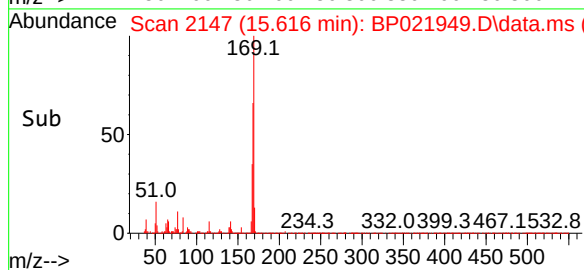
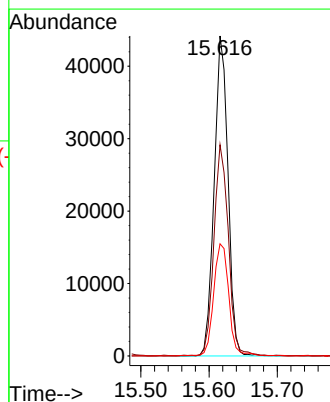
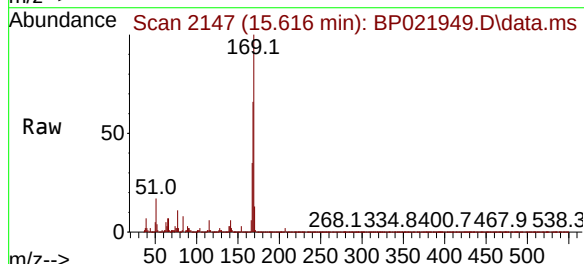
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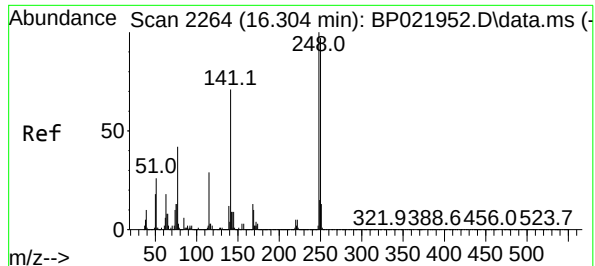
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#66
n-Nitrosodiphenylamine
Concen: 5.021 ng
RT: 15.616 min Scan# 2147
Delta R.T. 0.006 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

Tgt Ion:169 Resp: 62121
Ion Ratio Lower Upper
169 100
168 66.0 52.2 78.4
167 35.1 28.6 42.8





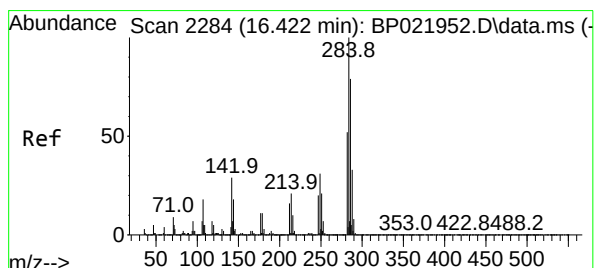
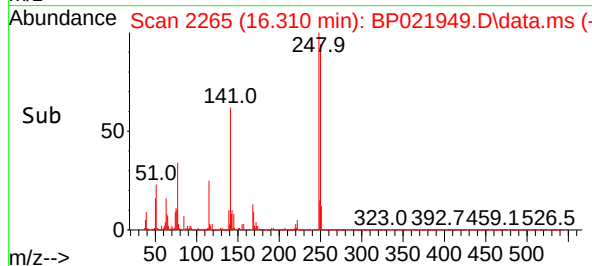
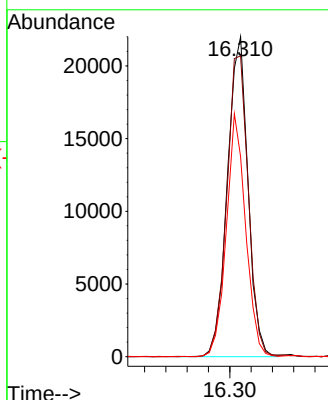
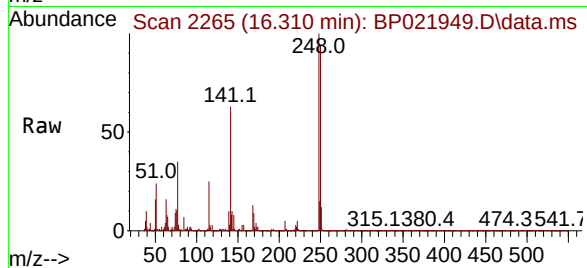
#67
4-Bromophenyl-phenylether
Concen: 5.092 ng
RT: 16.310 min Scan# 2265
Delta R.T. 0.006 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 248 Resp: 2949
Ion Ratio Lower Upper
248 100
250 94.0 77.5 116.3
141 62.5 56.5 84.7

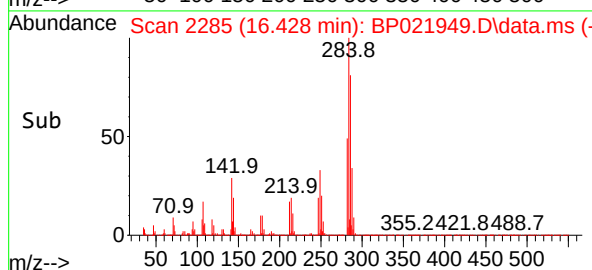
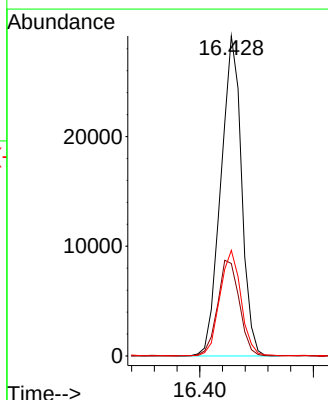
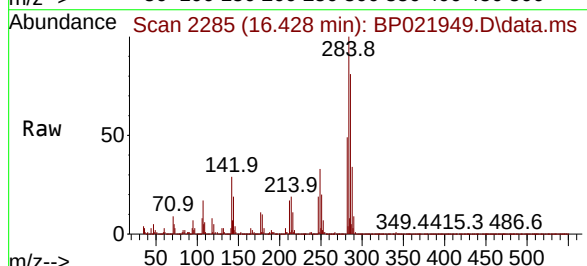
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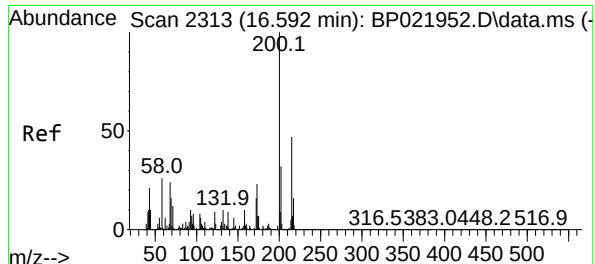
Reviewed By : Jagrut Upadhyay 09/20/2024
Supervised By : mohammad ahmed 09/22/2024



#68
Hexachlorobenzene
Concen: 5.107 ng
RT: 16.428 min Scan# 2285
Delta R.T. 0.006 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

Tgt Ion: 284 Resp: 36879
Ion Ratio Lower Upper
284 100
142 28.9 22.9 34.3
249 33.0 25.2 37.8





#69

Atrazine

Concen: 5.793 ng

RT: 16.587 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP021949.D

Acq: 19 Sep 2024 13:36

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:200 Resp: 25679

Ion Ratio Lower Upper

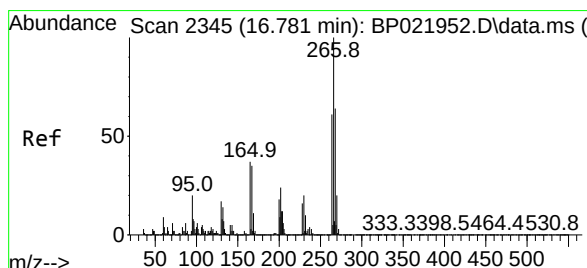
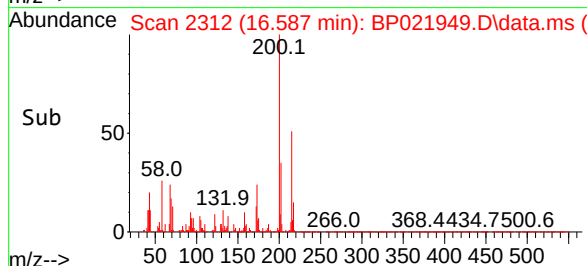
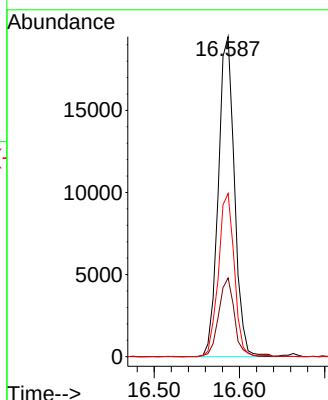
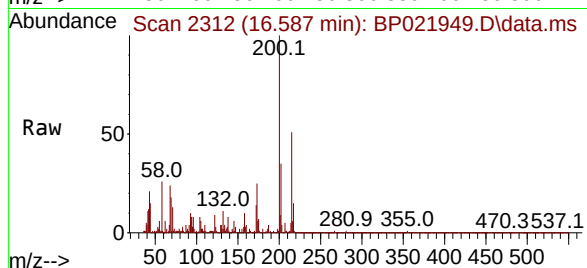
200 100

173 24.6 3.0 43.0

215 51.0 27.4 67.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#70

Pentachlorophenol

Concen: 4.498 ng

RT: 16.781 min Scan# 2345

Delta R.T. 0.000 min

Lab File: BP021949.D

Acq: 19 Sep 2024 13:36

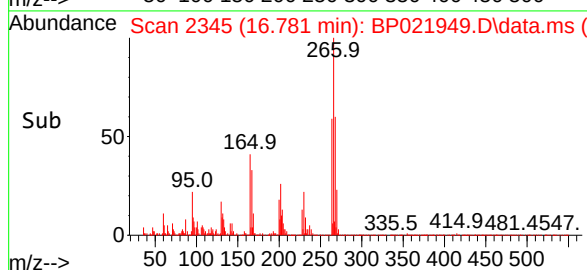
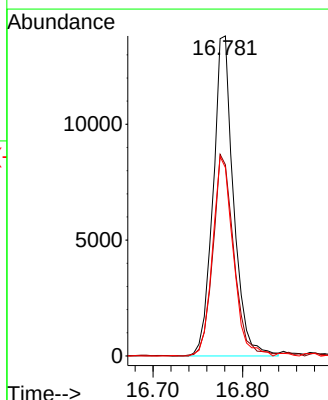
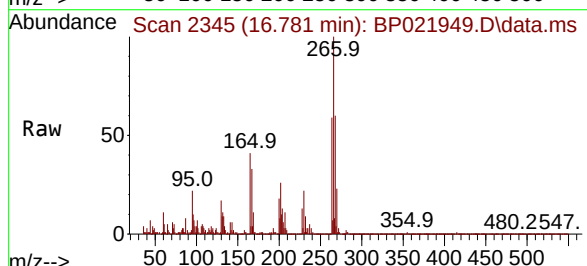
Tgt Ion:266 Resp: 21855

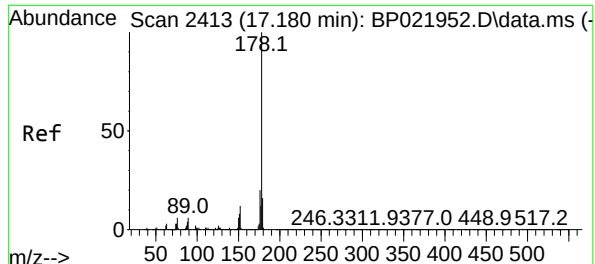
Ion Ratio Lower Upper

266 100

268 59.7 51.1 76.7

264 58.9 48.6 72.8





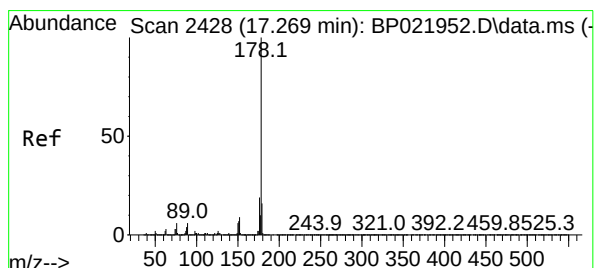
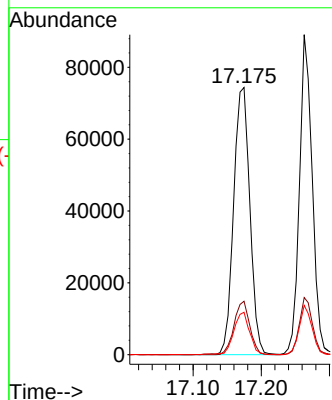
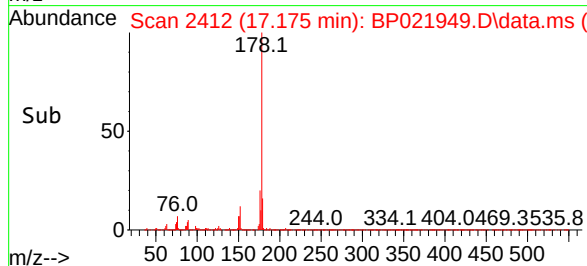
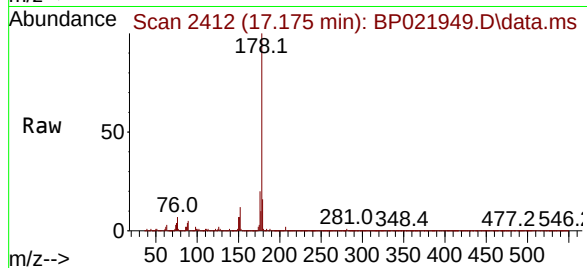
#71
Phenanthrene
Concen: 5.172 ng
RT: 17.175 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 123369
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 15.9 12.5 18.7

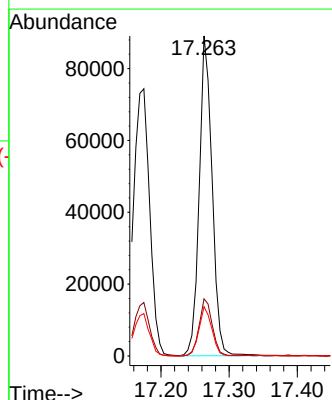
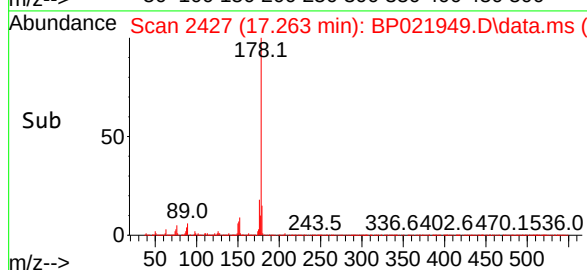
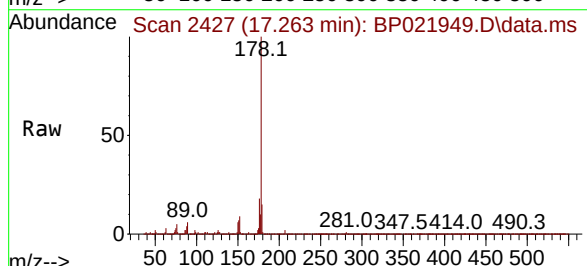
Manual Integrations
APPROVED

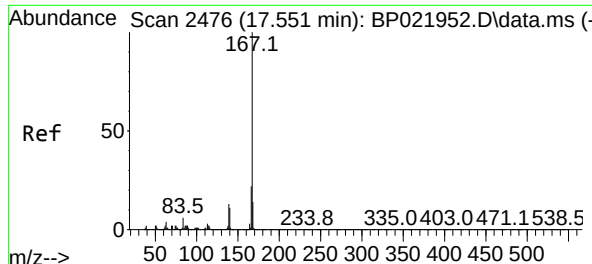
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#72
Anthracene
Concen: 5.052 ng
RT: 17.263 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

Tgt Ion:178 Resp: 116649
Ion Ratio Lower Upper
178 100
176 17.9 15.0 22.6
179 15.4 12.6 18.8





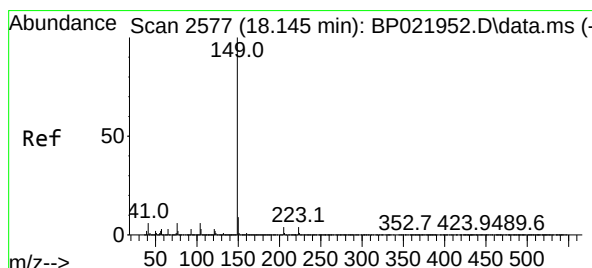
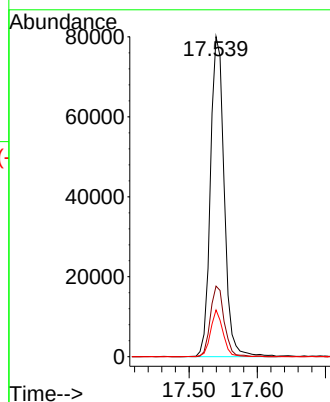
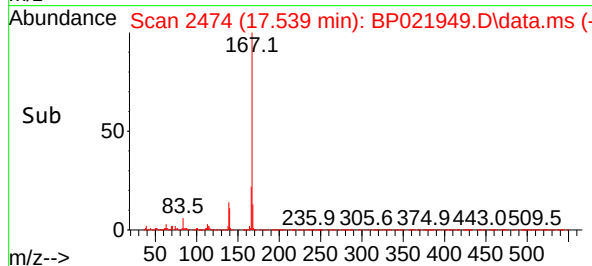
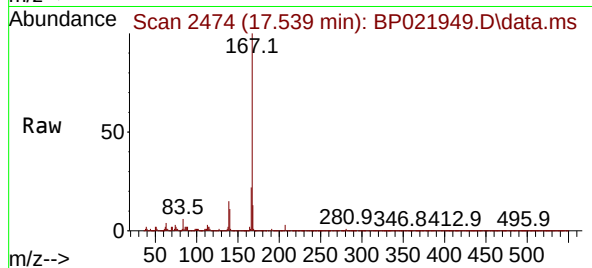
#73
 Carbazole
 Concen: 5.042 ng
 RT: 17.539 min Scan# 2476
 Delta R.T. -0.012 min
 Lab File: BP021949.D
 Acq: 19 Sep 2024 13:36

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005

Tgt Ion:167 Resp: 112430
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.0
 139 14.6 10.5 15.7

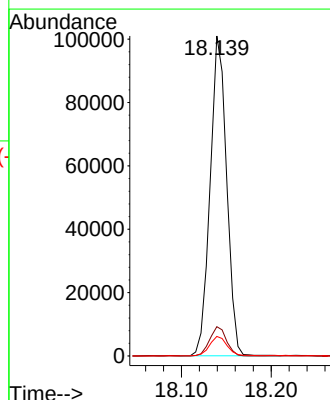
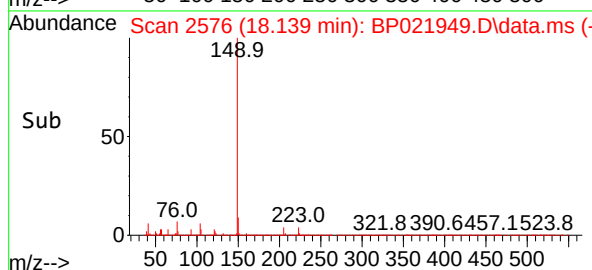
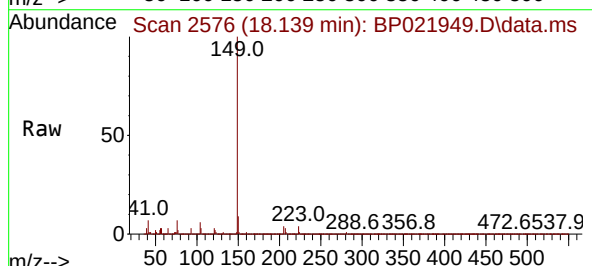
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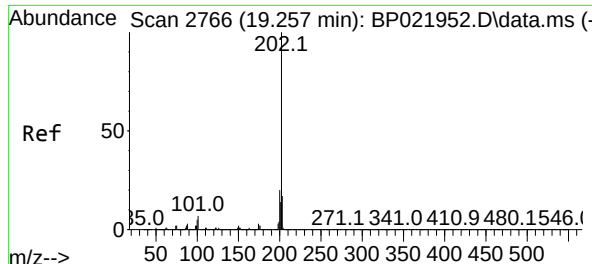
Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/22/2024



#74
 Di-n-butylphthalate
 Concen: 4.926 ng
 RT: 18.139 min Scan# 2576
 Delta R.T. -0.006 min
 Lab File: BP021949.D
 Acq: 19 Sep 2024 13:36

Tgt Ion:149 Resp: 129032
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 6.1 4.6 6.8





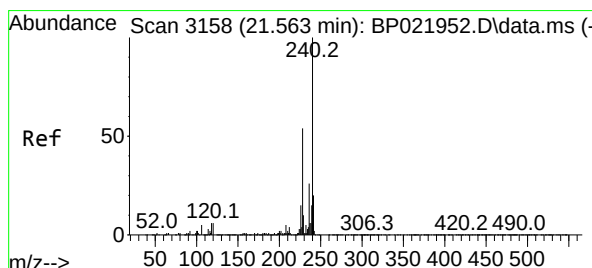
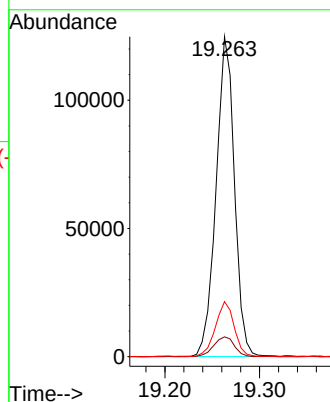
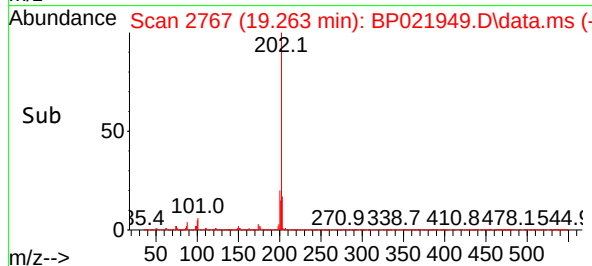
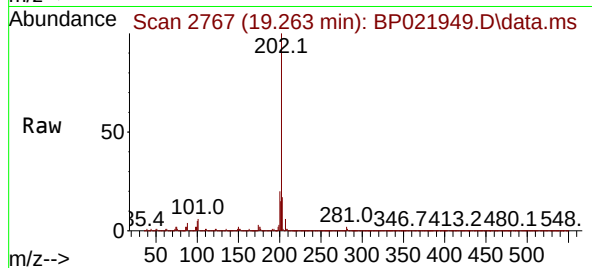
#75
Fluoranthene
Concen: 5.058 ng
RT: 19.263 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 202 Resp: 16839
Ion Ratio Lower Upper
202 100
101 6.2 0.0 26.5
203 17.2 0.0 37.3

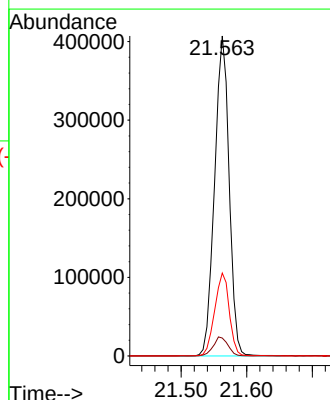
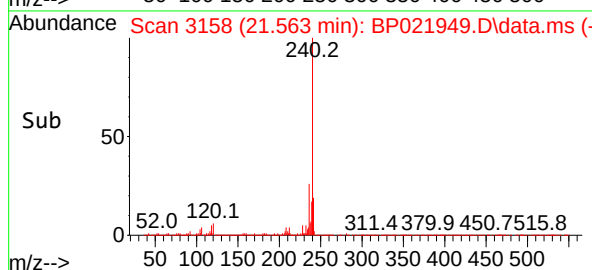
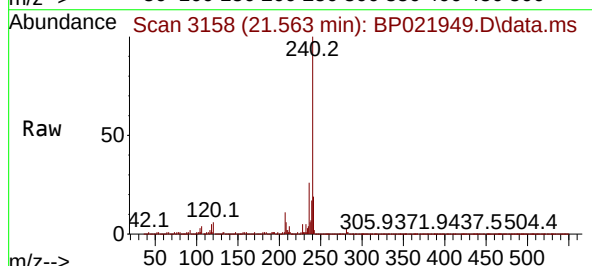
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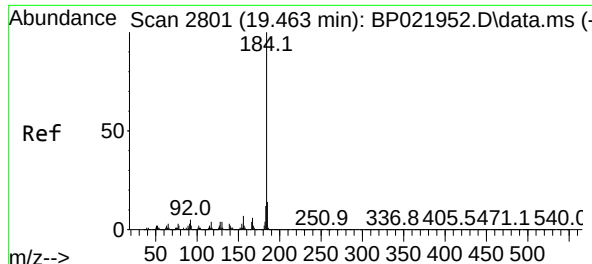
Reviewed By : Jagrut Upadhyay 09/20/2024
Supervised By : mohammad ahmed 09/22/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.563 min Scan# 3158
Delta R.T. 0.000 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

Tgt Ion: 240 Resp: 626397
Ion Ratio Lower Upper
240 100
120 5.6 5.1 7.7
236 25.9 20.7 31.1





#77

Benzidine

Concen: 6.019 ng

RT: 19.451 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP021949.D

Acq: 19 Sep 2024 13:36

Instrument :

BNA_P

ClientSampleId :

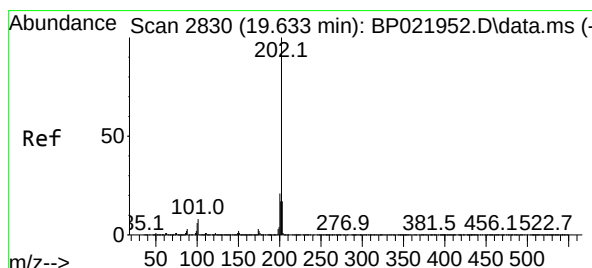
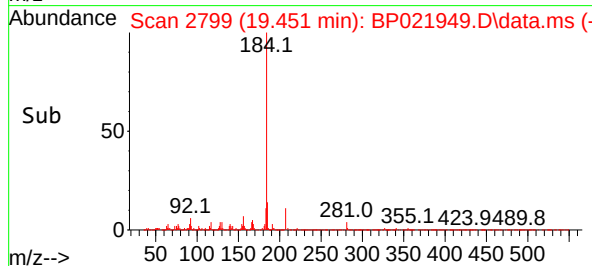
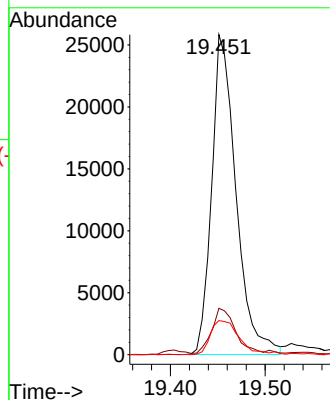
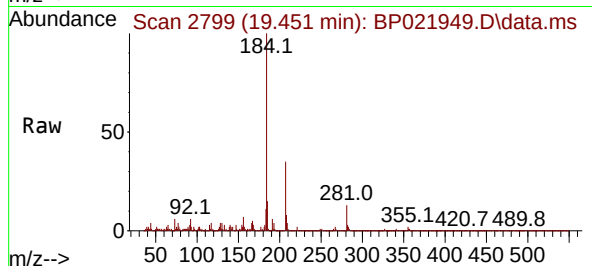
SSTDICC005

Tgt Ion:	184	Resp:	46074
Ion Ratio	Lower	Upper	
184	100		
185	14.5	10.9	16.3
183	10.6	9.2	13.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#78

Pyrene

Concen: 4.817 ng

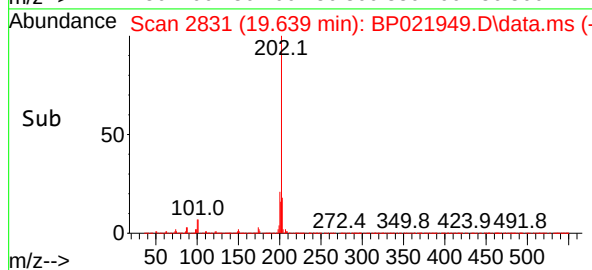
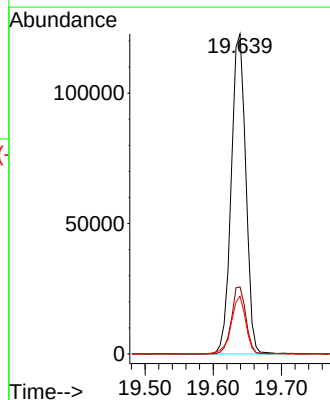
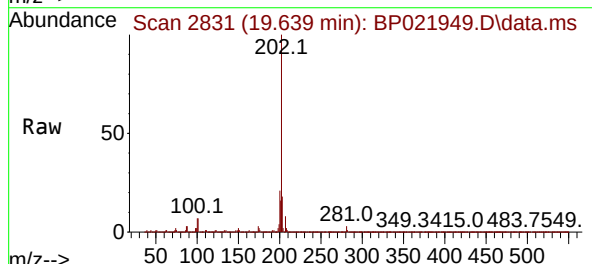
RT: 19.639 min Scan# 2831

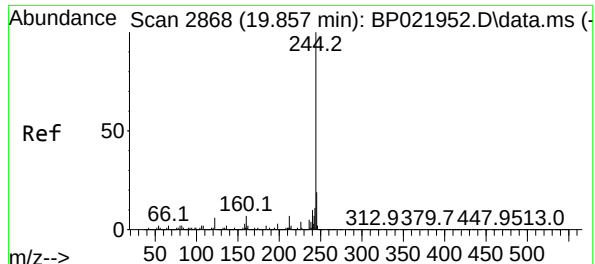
Delta R.T. 0.006 min

Lab File: BP021949.D

Acq: 19 Sep 2024 13:36

Tgt Ion:	202	Resp:	182547
Ion Ratio	Lower	Upper	
202	100		
200	20.9	16.8	25.2
203	18.1	13.8	20.8





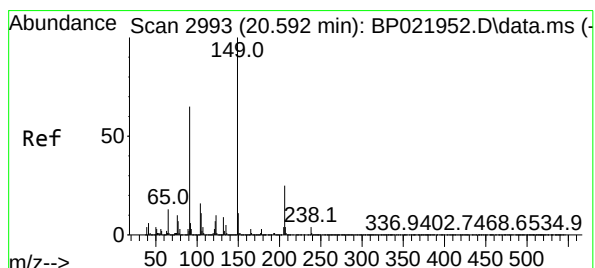
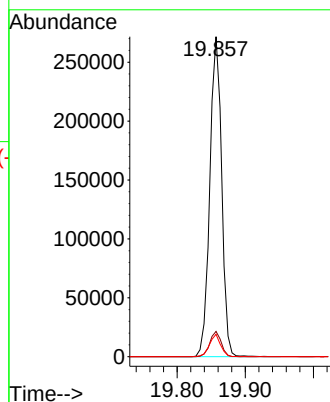
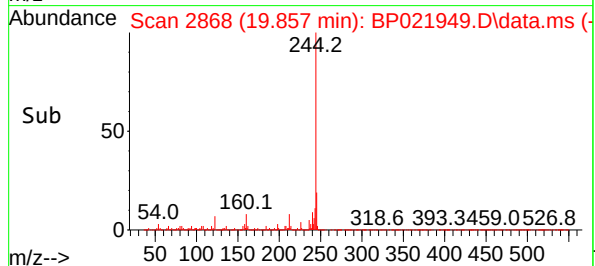
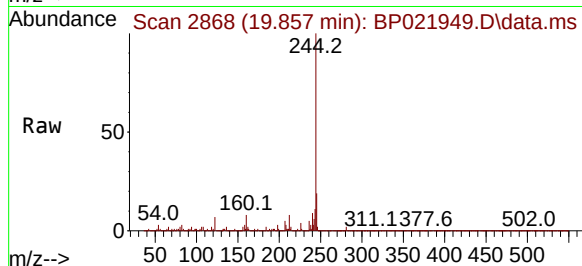
#79
 Terphenyl-d14
 Concen: 9.839 ng
 RT: 19.857 min Scan# 2868
 Delta R.T. 0.000 min
 Lab File: BP021949.D
 Acq: 19 Sep 2024 13:36

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005

Tgt Ion:244 Resp: 32809
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.0 9.0
 122 7.0 5.0 7.4

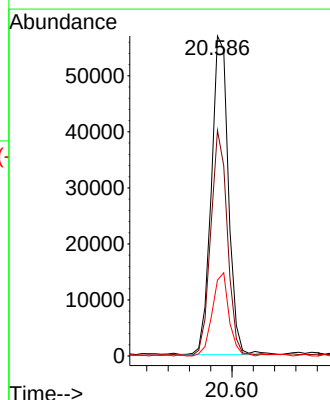
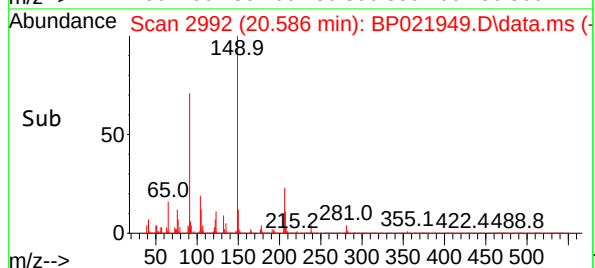
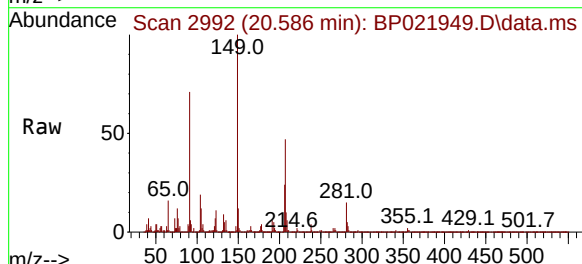
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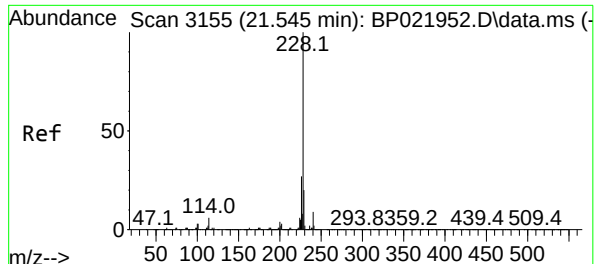
Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/22/2024



#80
 Butylbenzylphthalate
 Concen: 4.706 ng
 RT: 20.586 min Scan# 2992
 Delta R.T. -0.006 min
 Lab File: BP021949.D
 Acq: 19 Sep 2024 13:36

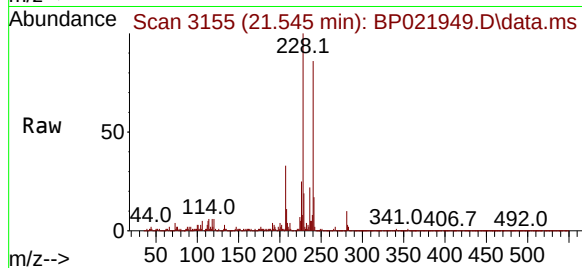
Tgt Ion:149 Resp: 63598
 Ion Ratio Lower Upper
 149 100
 91 70.5 51.9 77.9
 206 23.7 20.1 30.1





#81
Benzo(a)anthracene
Concen: 5.152 ng
RT: 21.545 min Scan# 3155
Delta R.T. 0.000 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

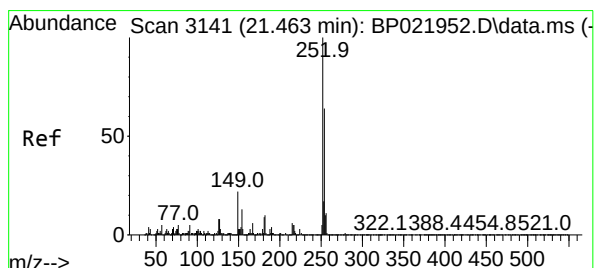
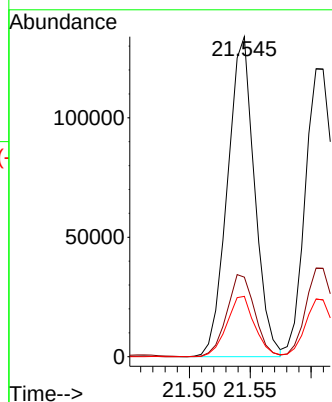
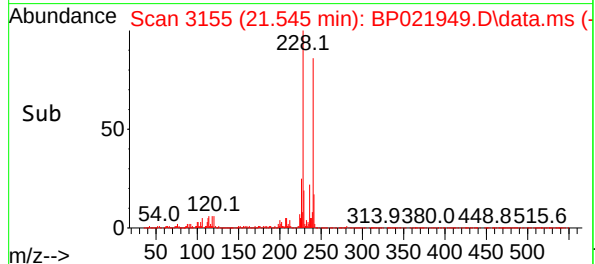
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:228 Resp: 207369
Ion Ratio Lower Upper
228 100
226 24.9 21.5 32.3
229 18.8 15.7 23.5

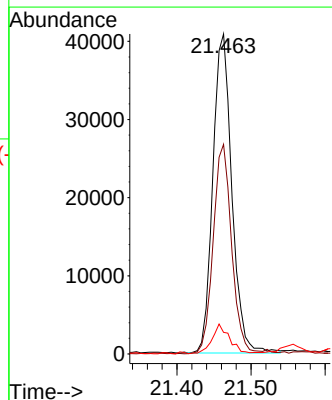
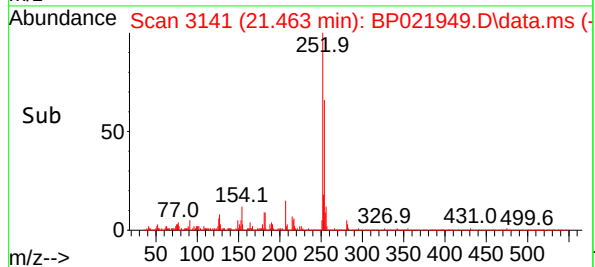
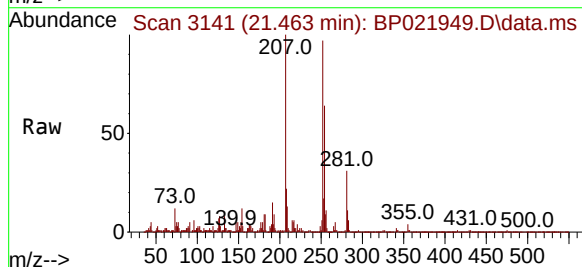
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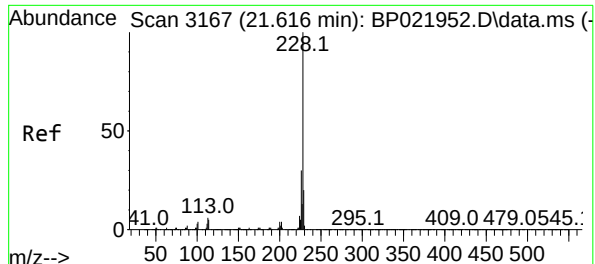
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#82
3,3'-Dichlorobenzidine
Concen: 4.974 ng
RT: 21.463 min Scan# 3141
Delta R.T. 0.000 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

Tgt Ion:252 Resp: 72642
Ion Ratio Lower Upper
252 100
254 65.5 51.4 77.2
126 6.8 6.2 9.4





#83

Chrysene

Concen: 5.172 ng

RT: 21.604 min Scan# 3165

Delta R.T. -0.012 min

Lab File: BP021949.D

Acq: 19 Sep 2024 13:36

Instrument :

BNA_P

ClientSampleId :

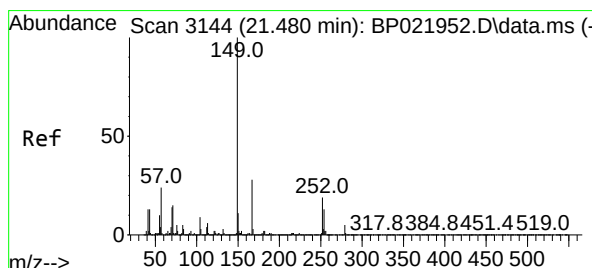
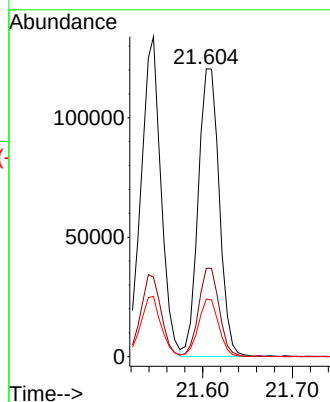
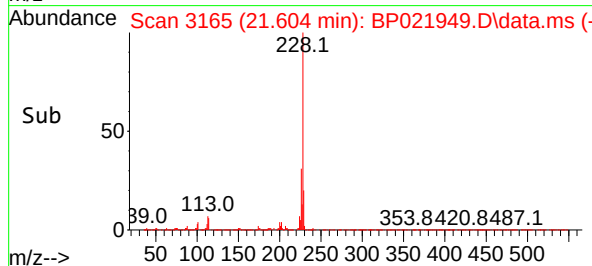
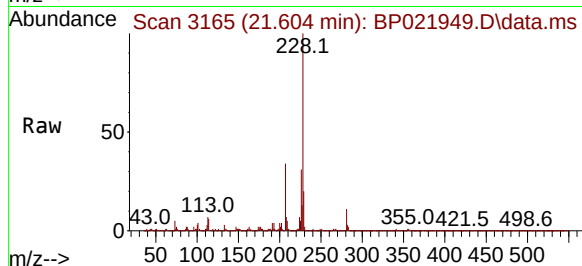
SSTDICC005

Tgt Ion:	228	Resp:	196009
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.2	36.4
229	20.0	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.859 ng

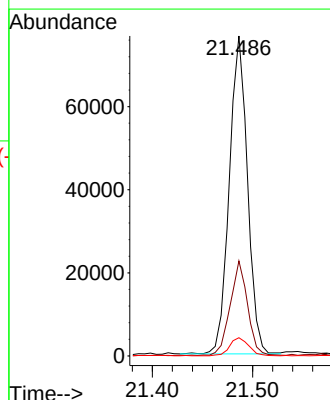
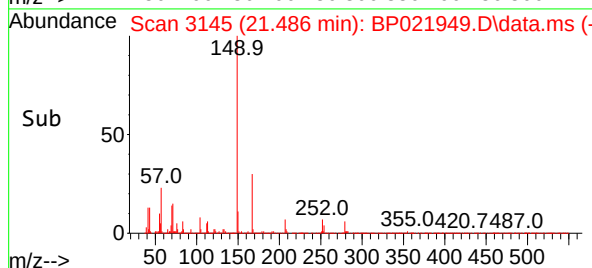
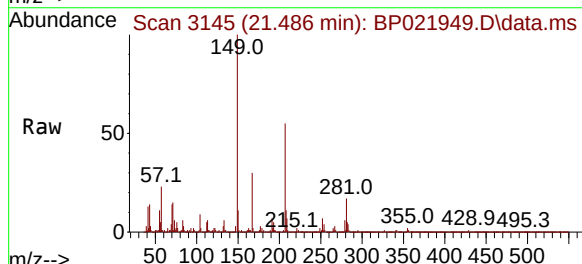
RT: 21.486 min Scan# 3145

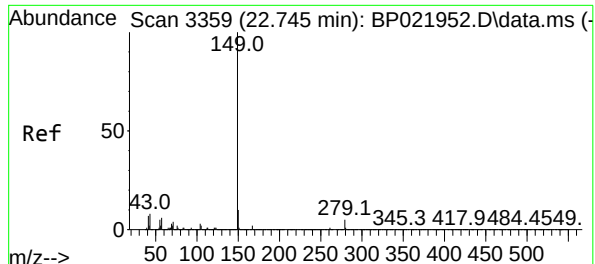
Delta R.T. 0.006 min

Lab File: BP021949.D

Acq: 19 Sep 2024 13:36

Tgt Ion:	149	Resp:	96383
Ion Ratio	Lower	Upper	
149	100		
167	29.7	22.3	33.5
279	5.7	4.2	6.2





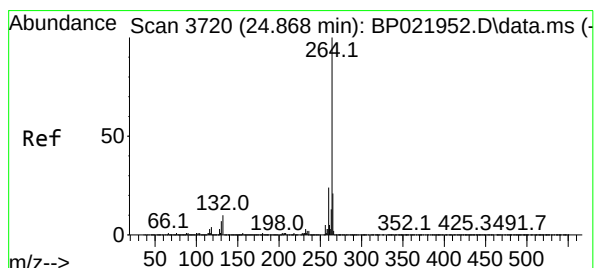
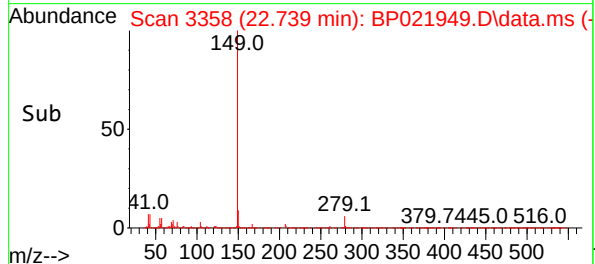
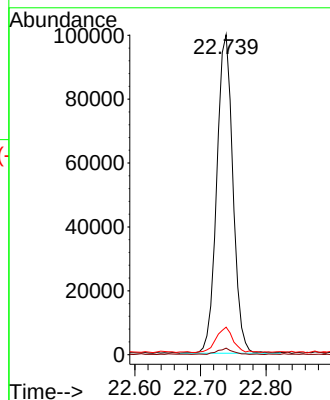
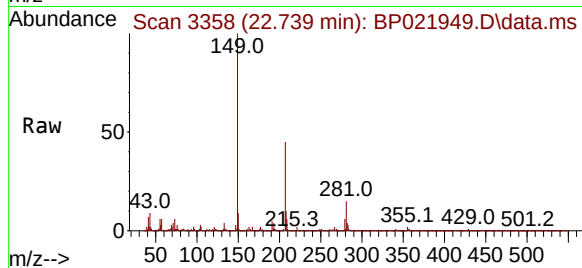
#85
Di-n-octyl phthalate
Concen: 5.043 ng
RT: 22.739 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 169894
Ion Ratio Lower Upper
149 100
167 2.0 1.4 2.0
43 8.4 6.2 9.4

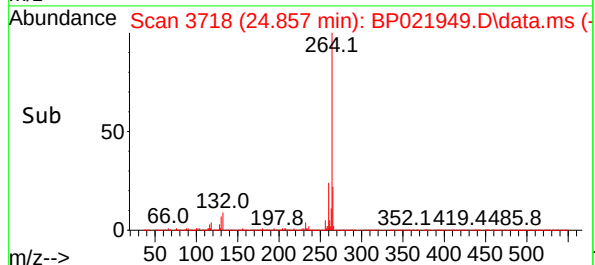
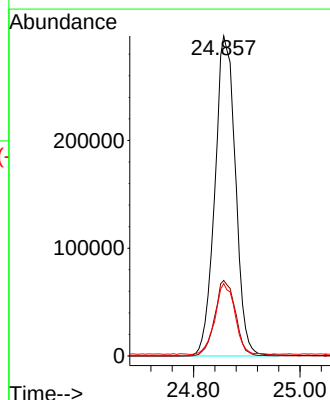
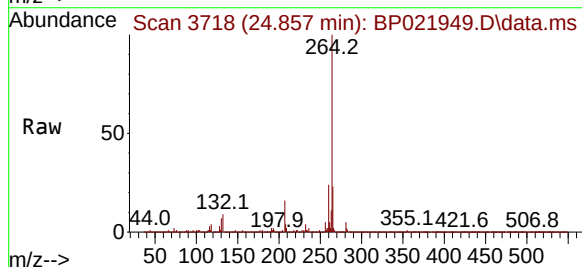
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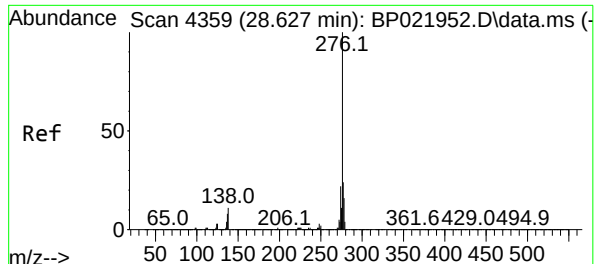
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.857 min Scan# 3718
Delta R.T. -0.012 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

Tgt Ion:264 Resp: 796301
Ion Ratio Lower Upper
264 100
260 23.6 18.9 28.3
265 22.6 17.5 26.3





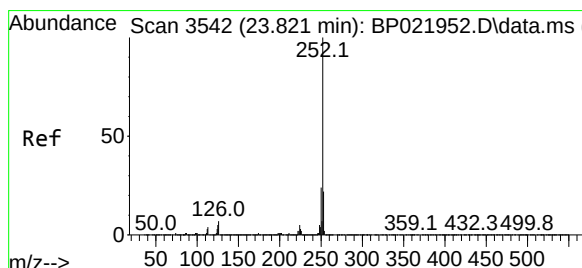
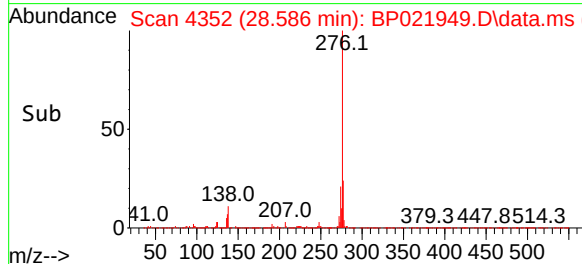
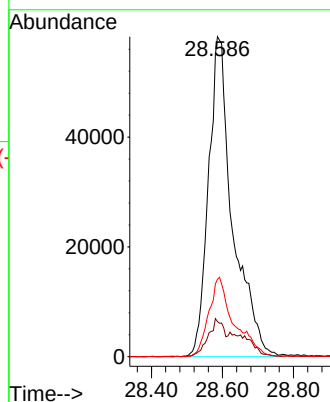
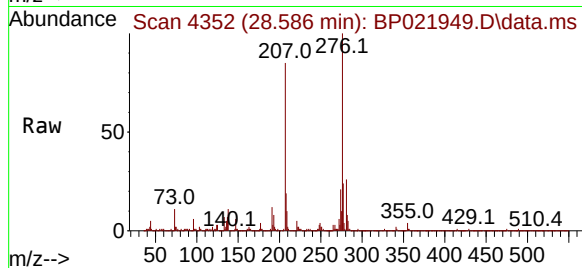
#87
Indeno(1,2,3-cd)pyrene
Concen: 5.209 ng
RT: 28.586 min Scan# 41
Delta R.T. -0.041 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 276 Resp: 27590
Ion Ratio Lower Upper
276 100
138 8.1 7.8 11.8
277 25.8 20.5 30.7

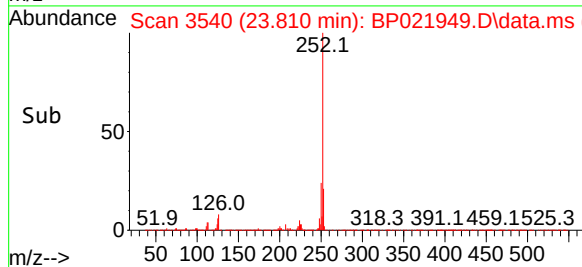
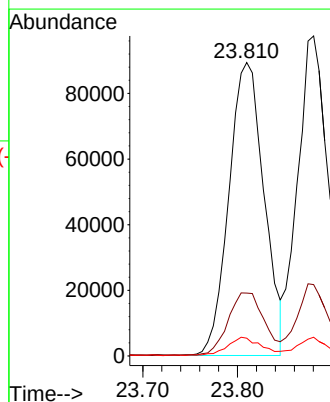
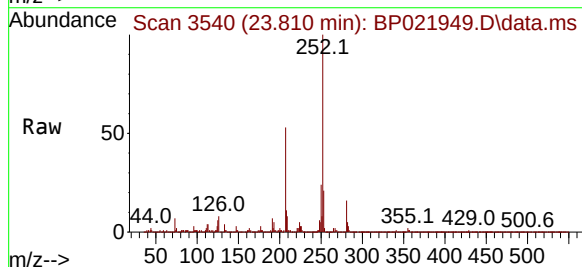
Manual Integrations
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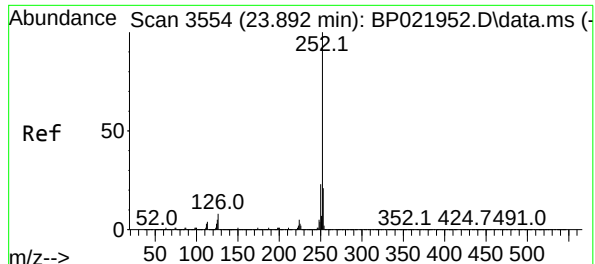
Reviewed By : Jagrut Upadhyay 09/20/2024
Supervised By : mohammad ahmed 09/22/2024



#88
Benzo(b)fluoranthene
Concen: 4.888 ng
RT: 23.810 min Scan# 3540
Delta R.T. -0.012 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

Tgt Ion: 252 Resp: 230201
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.0
125 6.0 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 4.990 ng

RT: 23.880 min Scan# 3554

Delta R.T. -0.012 min

Lab File: BP021949.D

Acq: 19 Sep 2024 13:36

Instrument :

BNA_P

ClientSampleId :

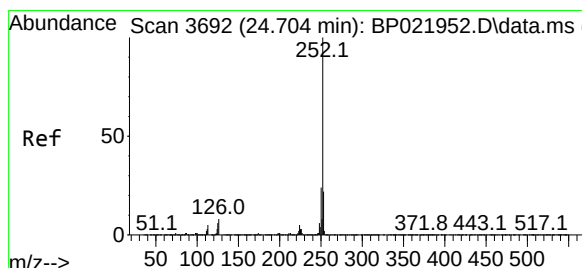
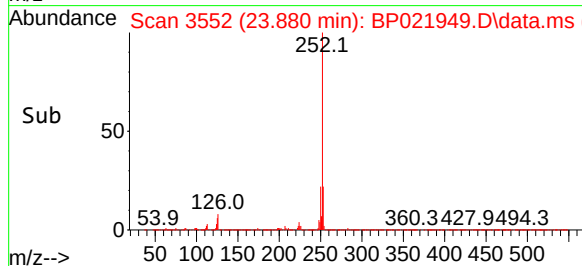
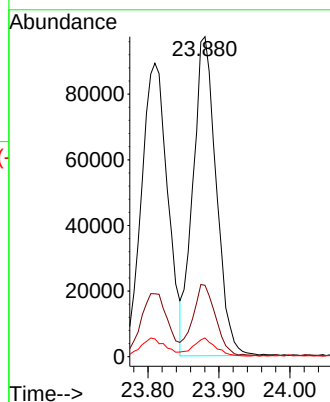
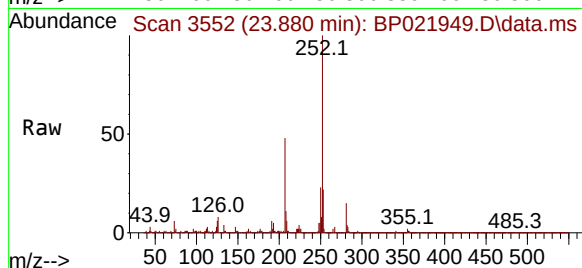
SSTDICC005

Tgt Ion	252	253	125
Ratio	100	22.3	5.9
Lower		17.0	4.3
Upper		25.6	6.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#90

Benzo(a)pyrene

Concen: 4.928 ng

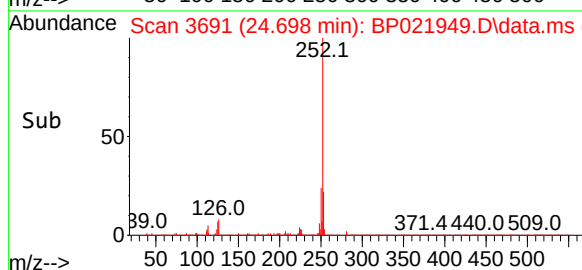
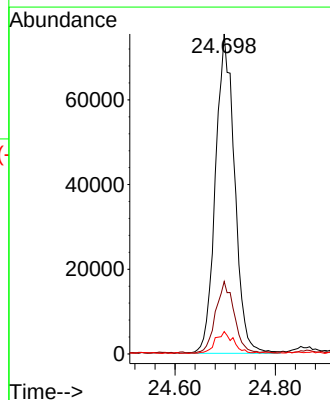
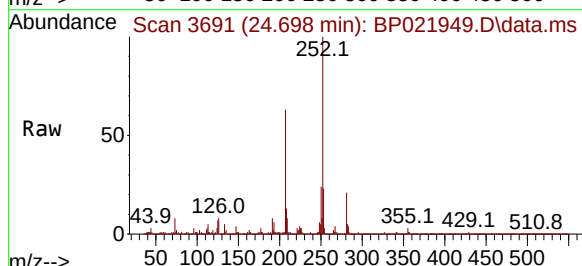
RT: 24.698 min Scan# 3691

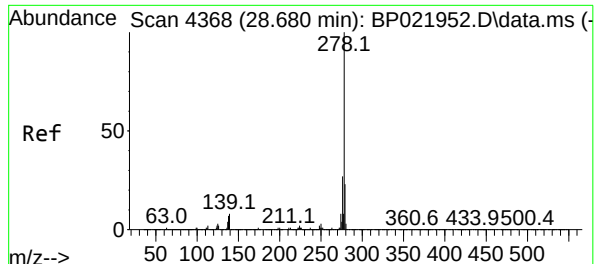
Delta R.T. -0.006 min

Lab File: BP021949.D

Acq: 19 Sep 2024 13:36

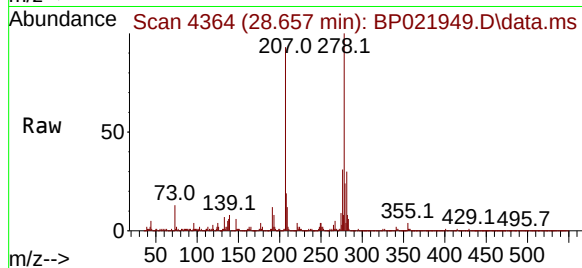
Tgt Ion	252	253	125
Ratio	100	22.7	7.0
Lower		17.6	5.0
Upper		26.4	7.6





#91
Dibenzo(a,h)anthracene
Concen: 5.249 ng
RT: 28.657 min Scan# 41
Delta R.T. -0.023 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

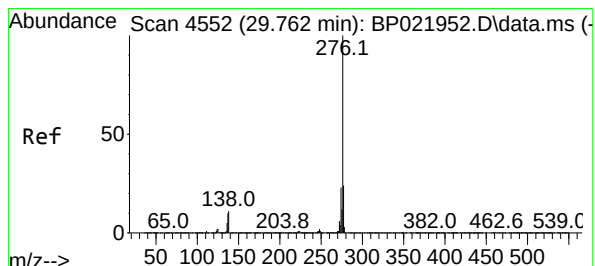
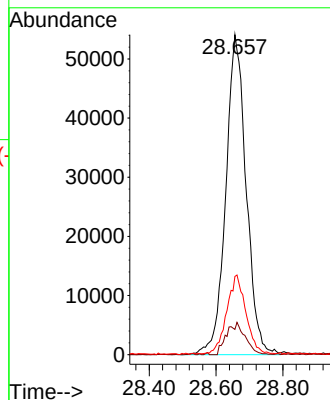
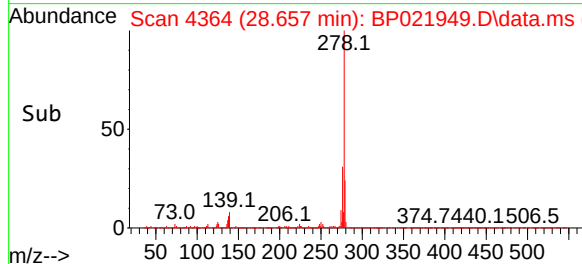
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 278 Resp: 229440
Ion Ratio Lower Upper
278 100
139 7.9 6.6 10.0
279 24.5 18.8 28.2

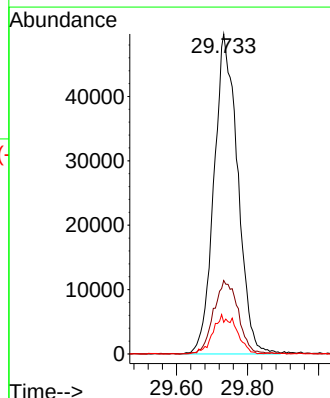
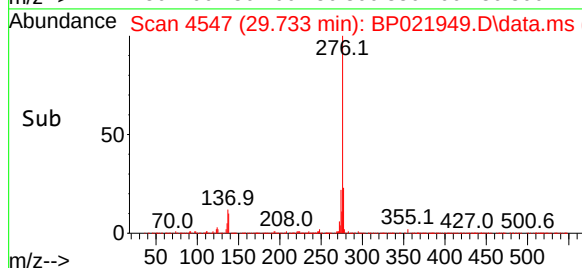
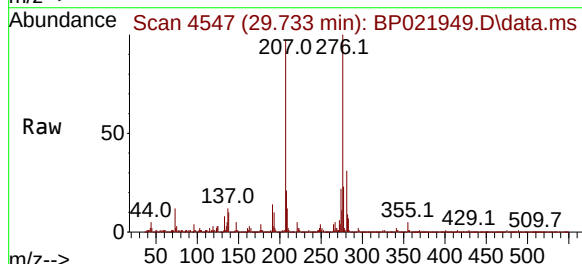
Manual Integrations
APPROVED

Reviewed By : Jagrut Upadhyay 09/20/2024
Supervised By : mohammad ahmed 09/22/2024



#92
Benzo(g,h,i)perylene
Concen: 5.130 ng
RT: 29.733 min Scan# 4547
Delta R.T. -0.029 min
Lab File: BP021949.D
Acq: 19 Sep 2024 13:36

Tgt Ion: 276 Resp: 229674
Ion Ratio Lower Upper
276 100
277 23.0 19.3 28.9
138 9.9 9.2 13.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091924\
 Data File : BP021950.D
 Acq On : 19 Sep 2024 14:17
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 20 01:01:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 00:59:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	80608	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	302990	20.000	ng	0.00
39) Acenaphthene-d10	14.328	164	224613	20.000	ng	0.00
64) Phenanthrene-d10	17.122	188	562631	20.000	ng	-0.02
76) Chrysene-d12	21.551	240	682089	20.000	ng	-0.01
86) Perylene-d12	24.851	264	811032	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	85667	19.972	ng	0.00
7) Phenol-d6	6.893	99	107739	19.349	ng	0.00
23) Nitrobenzene-d5	8.852	82	112089	19.575	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	82337	19.773	ng	-0.02
45) 2-Fluorobiphenyl	12.934	172	313360	20.365	ng	0.00
79) Terphenyl-d14	19.851	244	709019	19.526	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.264	88	18191	10.213	ng	98
3) Pyridine	3.664	79	48426	10.196	ng	98
4) n-Nitrosodimethylamine	3.570	42	25417	10.143	ng	# 90
6) Aniline	7.046	93	48881	9.990	ng	96
8) 2-Chlorophenol	7.287	128	45066	9.826	ng	96
9) Benzaldehyde	6.863	77	33726	11.536	ng	99
10) Phenol	6.916	94	53044	9.591	ng	99
11) bis(2-Chloroethyl)ether	7.146	93	41185	9.886	ng	98
12) 1,3-Dichlorobenzene	7.605	146	58950	10.180	ng	99
13) 1,4-Dichlorobenzene	7.752	146	59333	10.104	ng	95
14) 1,2-Dichlorobenzene	8.063	146	56466	10.018	ng	99
15) Benzyl Alcohol	7.952	79	41471	9.711	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.240	45	44230m	10.019	ng	
17) 2-Methylphenol	8.146	107	36987	9.900	ng	96
18) Hexachloroethane	8.775	117	21311	9.869	ng	98
19) n-Nitroso-di-n-propyla...	8.505	70	34927	10.092	ng	95
20) 3+4-Methylphenols	8.469	107	51544	9.773	ng	98
22) Acetophenone	8.522	105	73366	9.926	ng	100
24) Nitrobenzene	8.893	77	57202	9.837	ng	98
25) Isophorone	9.416	82	92424	9.790	ng	98
26) 2-Nitrophenol	9.599	139	23294	9.162	ng	99
27) 2,4-Dimethylphenol	9.657	122	28175	9.570	ng	99
28) bis(2-Chloroethoxy)met...	9.887	93	55943	9.883	ng	98
29) 2,4-Dichlorophenol	10.122	162	48136	9.633	ng	99
30) 1,2,4-Trichlorobenzene	10.346	180	63165	10.148	ng	99
31) Naphthalene	10.522	128	152153	10.064	ng	99
32) Benzoic acid	9.746	122	30625m	8.731	ng	
33) 4-Chloroaniline	10.634	127	53532	9.816	ng	97
34) Hexachlorobutadiene	10.816	225	49781	10.223	ng	98
35) Caprolactam	11.399	113	14511m	9.776	ng	
36) 4-Chloro-3-methylphenol	11.757	107	50987	9.510	ng	98
37) 2-Methylnaphthalene	12.134	142	112023	10.128	ng	98
38) 1-Methylnaphthalene	12.357	142	110296	10.099	ng	100
40) 1,2,4,5-Tetrachloroben...	12.504	216	78009	9.927	ng	99
41) Hexachlorocyclopentadiene	12.487	237	28332	9.703	ng	98
43) 2,4,6-Trichlorophenol	12.751	196	46953	9.734	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091924\
 Data File : BP021950.D
 Acq On : 19 Sep 2024 14:17
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 20 01:01:58 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Sep 20 00:59:29 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.816	196	52543	9.711	ng	93
46) 1,1'-Biphenyl	13.151	154	156297	10.206	ng	99
47) 2-Chloronaphthalene	13.193	162	126141	10.186	ng	97
48) 2-Nitroaniline	13.398	65	31548	9.330	ng	93
49) Acenaphthylene	14.045	152	173843	9.949	ng	99
50) Dimethylphthalate	13.781	163	166514	10.221	ng	99
51) 2,6-Dinitrotoluene	13.892	165	35983	9.912	ng	93
52) Acenaphthene	14.392	154	112641	9.905	ng	99
53) 3-Nitroaniline	14.228	138	31490	9.734	ng	96
54) 2,4-Dinitrophenol	14.440	184	18864	8.869	ng	95
55) Dibenzofuran	14.734	168	196519	10.281	ng	99
56) 4-Nitrophenol	14.545	139	26012	9.237	ng	95
57) 2,4-Dinitrotoluene	14.692	165	49540	9.654	ng	# 95
58) Fluorene	15.392	166	162535	10.182	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.963	232	52752	10.102	ng	97
60) Diethylphthalate	15.169	149	168635	10.187	ng	99
61) 4-Chlorophenyl-phenyle...	15.387	204	94789	10.199	ng	96
62) 4-Nitroaniline	15.404	138	34396	9.736	ng	94
63) Azobenzene	15.681	77	140357	10.246	ng	98
65) 4,6-Dinitro-2-methylph...	15.475	198	29793	9.136	ng	90
66) n-Nitrosodiphenylamine	15.604	169	139987	9.992	ng	95
67) 4-Bromophenyl-phenylether	16.298	248	64408	9.820	ng	95
68) Hexachlorobenzene	16.410	284	80337	9.825	ng	100
69) Atrazine	16.581	200	57642	11.484	ng	98
70) Pentachlorophenol	16.769	266	51919	9.437	ng	95
71) Phenanthrene	17.169	178	270641	10.021	ng	98
72) Anthracene	17.263	178	258584	9.891	ng	100
73) Carbazole	17.539	167	253938	10.056	ng	98
74) Di-n-butylphthalate	18.128	149	291914	9.843	ng	98
75) Fluoranthene	19.251	202	384500	10.199	ng	99
77) Benzidine	19.451	184	100522	12.060	ng	97
78) Pyrene	19.627	202	397591	9.636	ng	99
80) Butylbenzylphthalate	20.580	149	137389	9.335	ng	95
81) Benzo(a)anthracene	21.533	228	429706	9.804	ng	99
82) 3,3'-Dichlorobenzidine	21.457	252	159827	10.051	ng	99
83) Chrysene	21.604	228	403445	9.777	ng	99
84) Bis(2-ethylhexyl)phtha...	21.474	149	208260	9.642	ng	99
85) Di-n-octyl phthalate	22.739	149	342652	9.340	ng	99
87) Indeno(1,2,3-cd)pyrene	28.598	276	527952	9.787	ng	93
88) Benzo(b)fluoranthene	23.810	252	466320	9.722	ng	98
89) Benzo(k)fluoranthene	23.880	252	445552	9.816	ng	99
90) Benzo(a)pyrene	24.692	252	395520	9.572	ng	100
91) Dibenzo(a,h)anthracene	28.656	278	447231	10.046	ng	98
92) Benzo(g,h,i)perylene	29.727	276	442087	9.694	ng	99

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

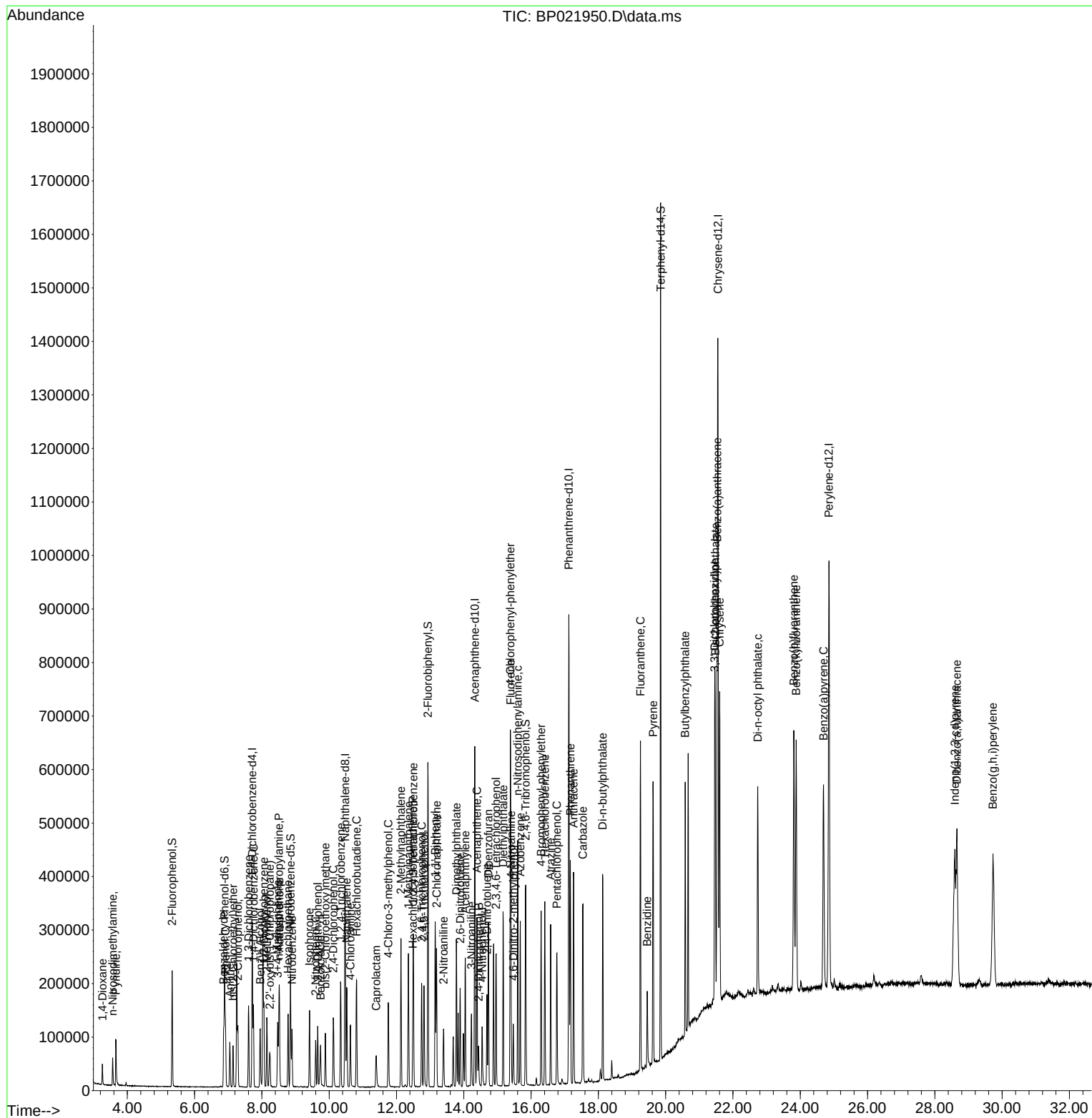
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Data File : BP021950.D
Acq On : 19 Sep 2024 14:17
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

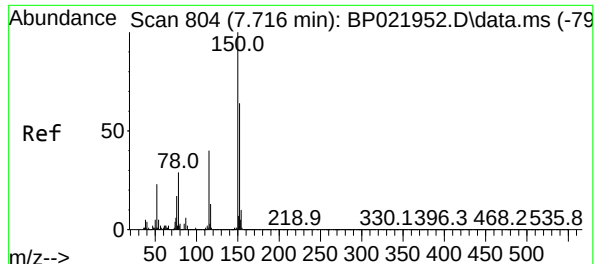
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 20 01:01:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 00:59:29 2024
Response via : Initial Calibration





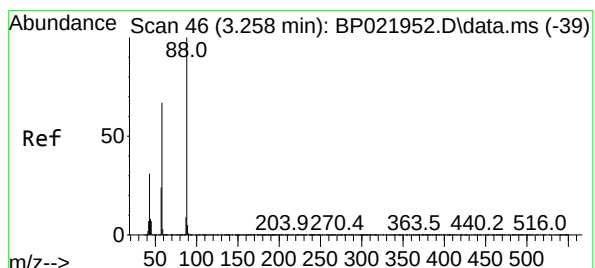
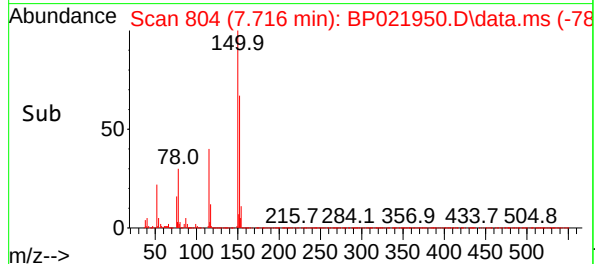
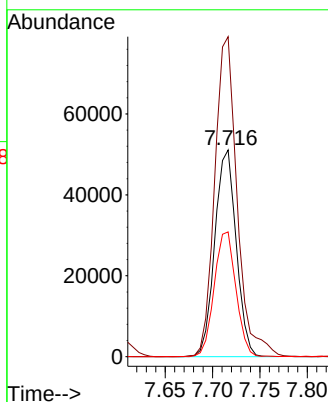
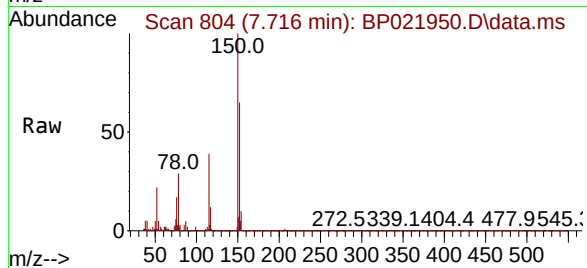
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 804
Delta R.T. 0.000 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 80608
Ion Ratio Lower Upper
152 100
150 154.8 124.2 186.2
115 60.4 49.2 73.8

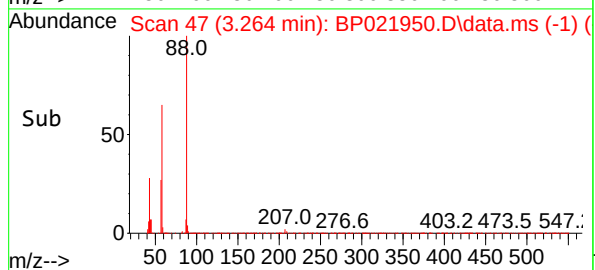
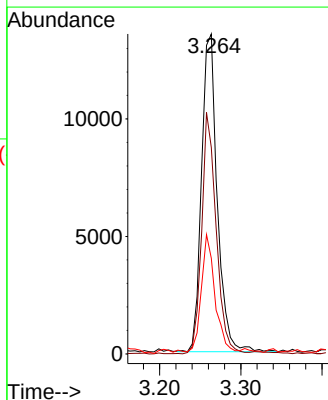
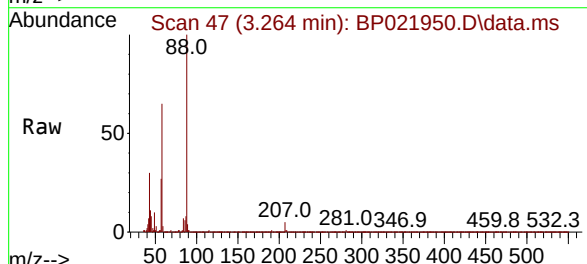
Manual Integrations
APPROVED

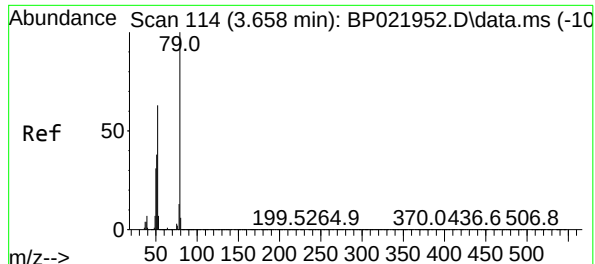
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#2
1,4-Dioxane
Concen: 10.213 ng
RT: 3.264 min Scan# 47
Delta R.T. 0.006 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

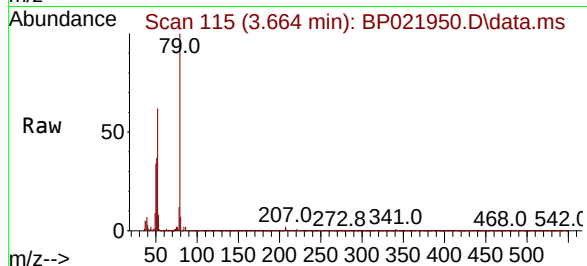
Tgt Ion: 88 Resp: 18191
Ion Ratio Lower Upper
88 100
58 69.9 53.8 80.6
43 31.6 25.2 37.8





#3
Pyridine
Concen: 10.196 ng
RT: 3.664 min Scan# 114
Delta R.T. 0.006 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

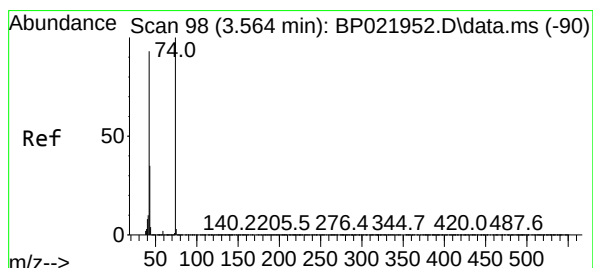
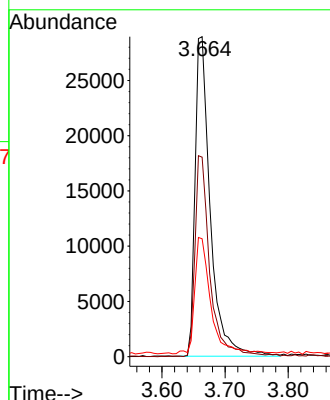
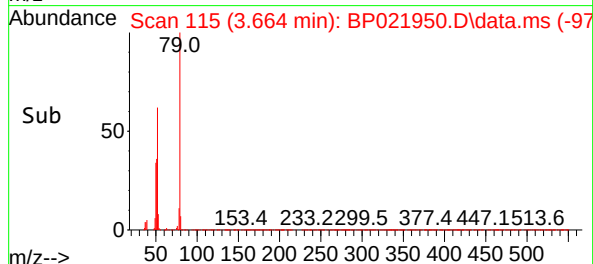
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 79 Resp: 48420
Ion Ratio Lower Upper
79 100
52 62.4 50.3 75.5
51 36.8 30.9 46.3

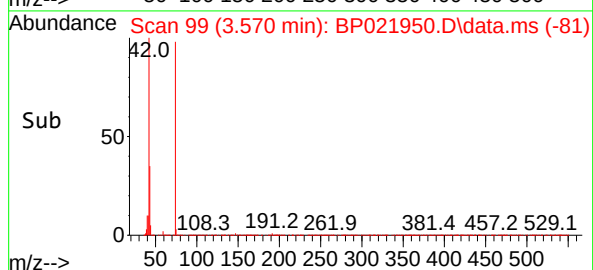
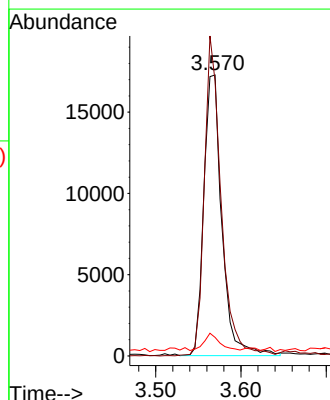
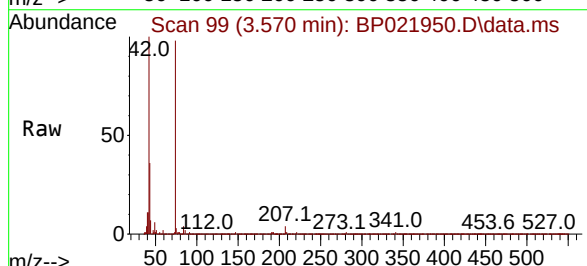
Manual Integrations
APPROVED

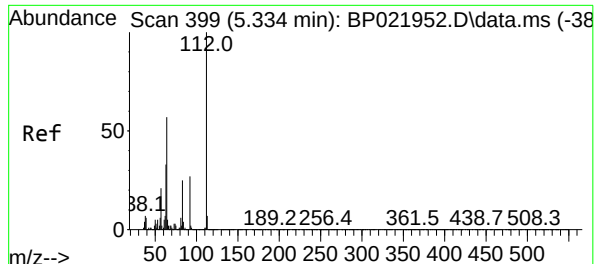
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#4
n-Nitrosodimethylamine
Concen: 10.143 ng
RT: 3.570 min Scan# 99
Delta R.T. 0.006 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

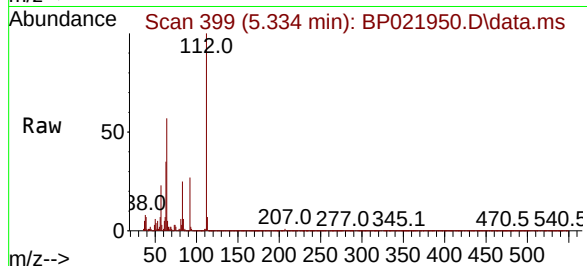
Tgt Ion: 42 Resp: 25417
Ion Ratio Lower Upper
42 100
74 97.7 86.3 129.5
44 6.6 4.0 6.0





#5
2-Fluorophenol
Concen: 19.972 ng
RT: 5.334 min Scan# 399
Delta R.T. 0.000 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

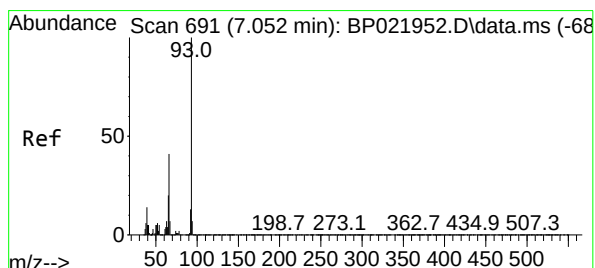
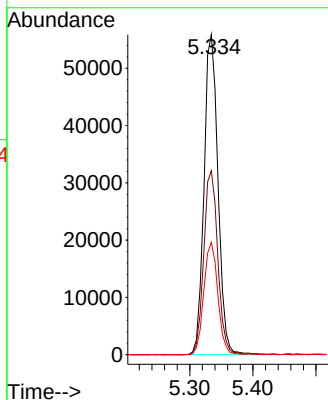
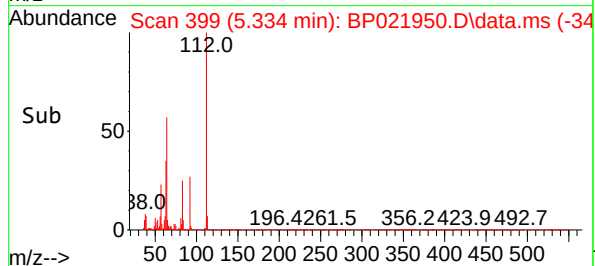
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 112 Resp: 8566
Ion Ratio Lower Upper
112 100
64 57.5 45.4 68.0
63 35.1 26.6 39.8

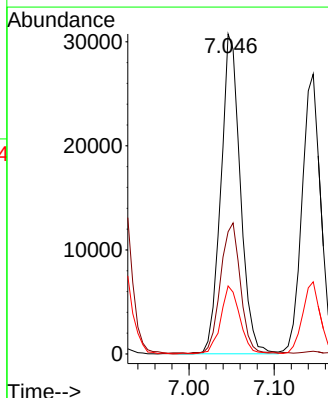
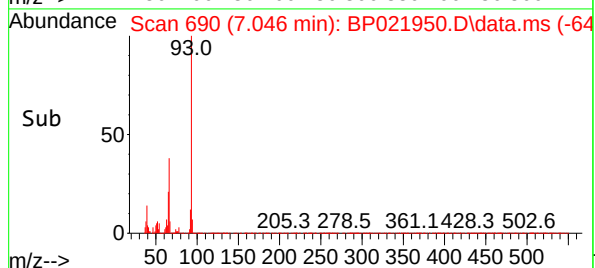
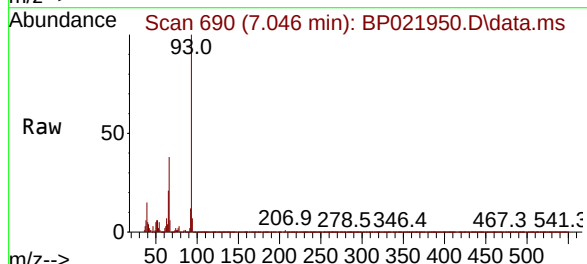
Manual Integrations
APPROVED

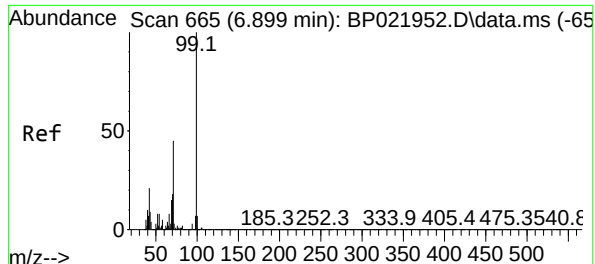
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#6
Aniline
Concen: 9.990 ng
RT: 7.046 min Scan# 690
Delta R.T. -0.006 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

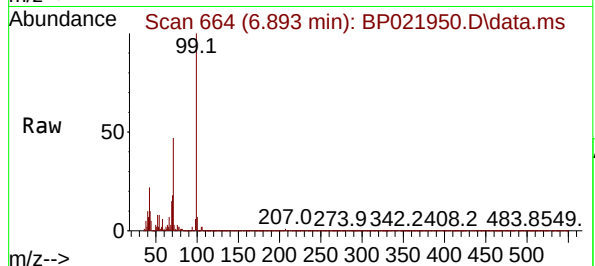
Tgt Ion: 93 Resp: 48881
Ion Ratio Lower Upper
93 100
66 38.2 33.0 49.4
65 21.2 16.1 24.1





#7
Phenol-d6
Concen: 19.349 ng
RT: 6.893 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

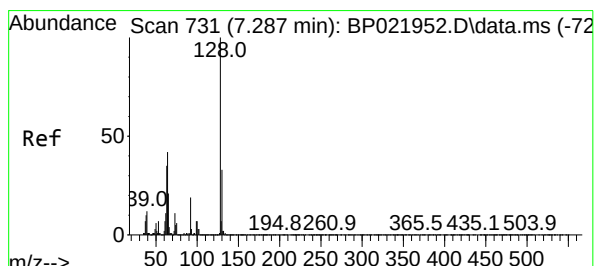
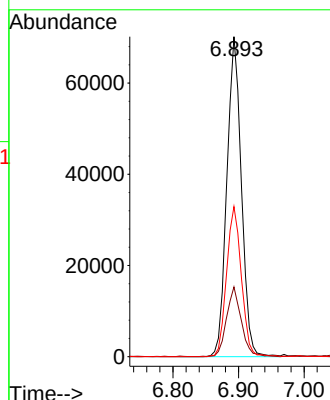
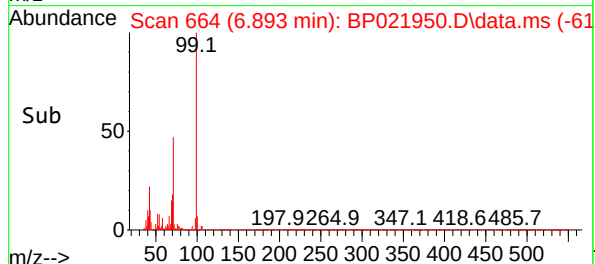
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 99 Resp: 107739
Ion Ratio Lower Upper
99 100
42 21.8 16.8 25.2
71 46.9 35.8 53.6

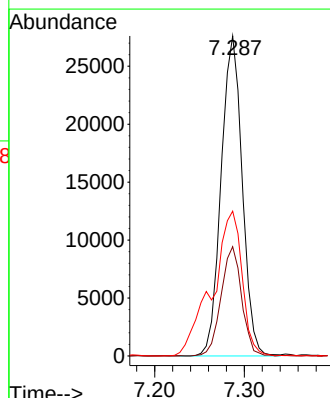
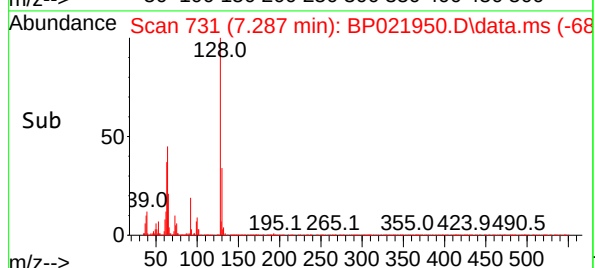
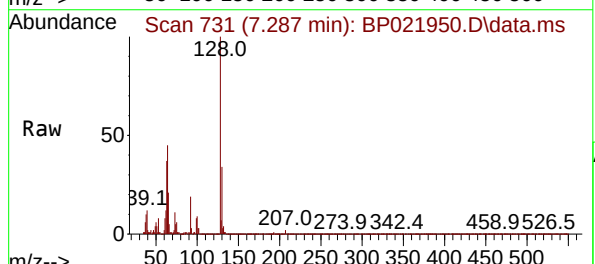
Manual Integrations
APPROVED

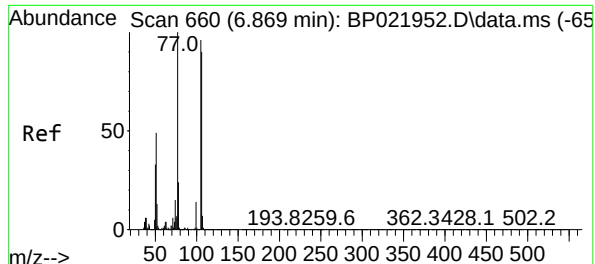
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#8
2-Chlorophenol
Concen: 9.826 ng
RT: 7.287 min Scan# 731
Delta R.T. 0.000 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

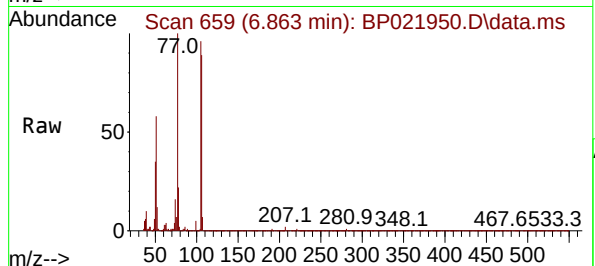
Tgt Ion:128 Resp: 45066
Ion Ratio Lower Upper
128 100
130 34.2 13.1 53.1
64 45.2 22.1 62.1





#9
Benzaldehyde
Concen: 11.536 ng
RT: 6.863 min Scan# 659
Delta R.T. -0.006 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

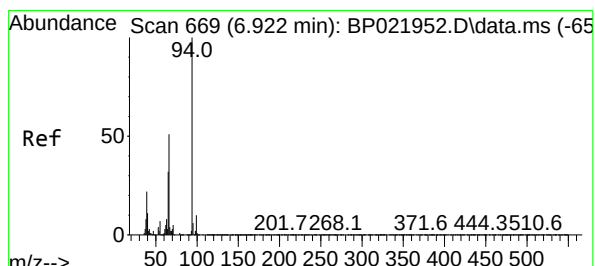
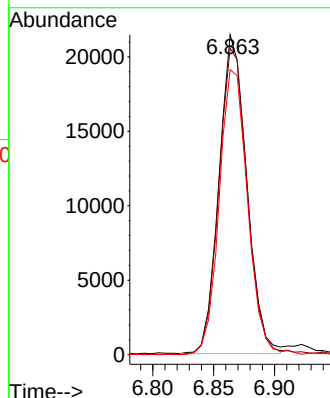
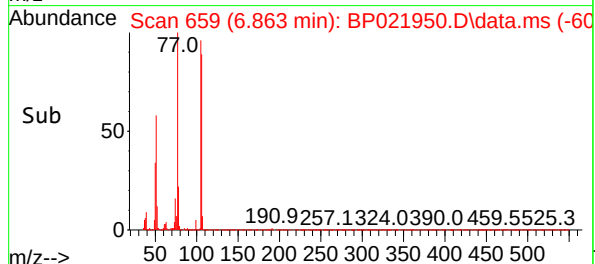
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 77 Resp: 33720
Ion Ratio Lower Upper
77 100
105 95.8 76.1 116.1
106 89.1 69.9 109.9

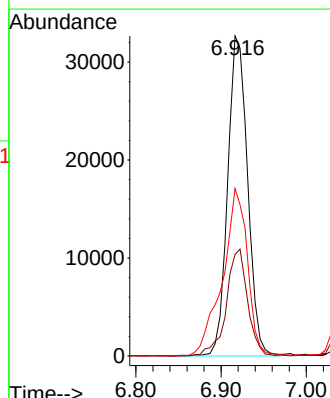
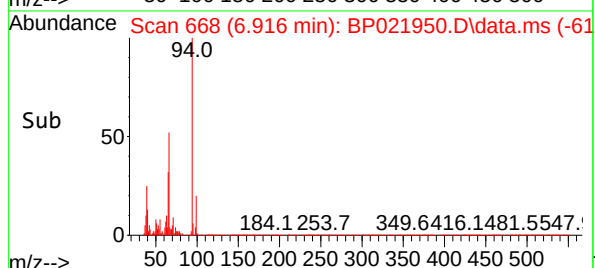
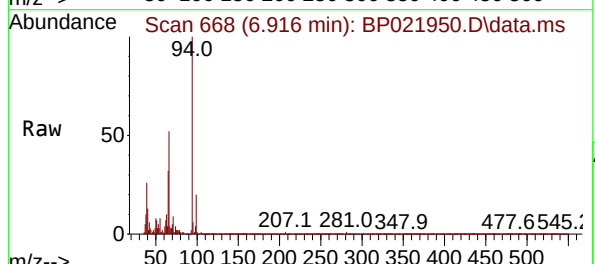
Manual Integrations
APPROVED

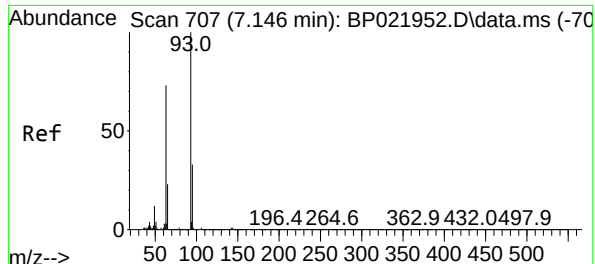
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#10
Phenol
Concen: 9.591 ng
RT: 6.916 min Scan# 668
Delta R.T. -0.006 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

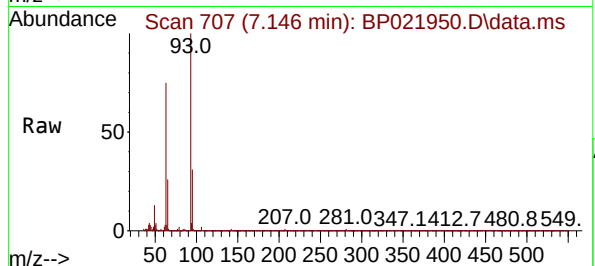
Tgt Ion: 94 Resp: 53044
Ion Ratio Lower Upper
94 100
65 31.7 12.5 52.5
66 52.3 31.2 71.2





#11
bis(2-Chloroethyl)ether
Concen: 9.886 ng
RT: 7.146 min Scan# 707
Delta R.T. 0.000 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

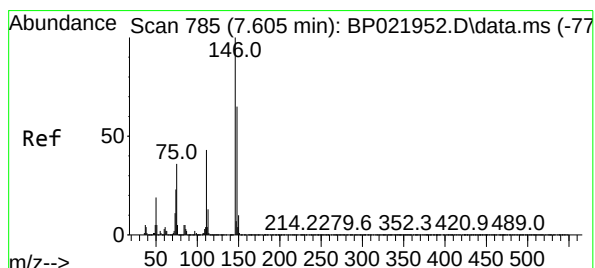
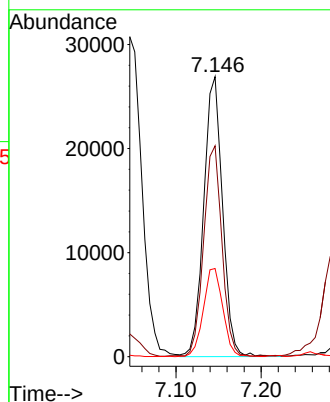
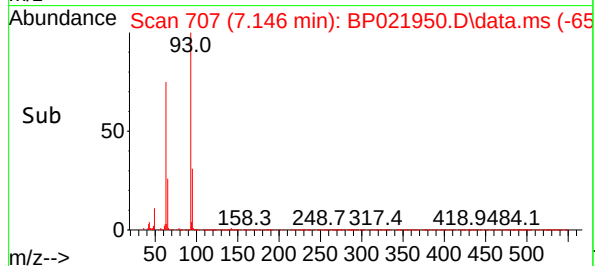
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 93 Resp: 41185
Ion Ratio Lower Upper
93 100
63 75.3 53.0 93.0
95 31.5 12.4 52.4

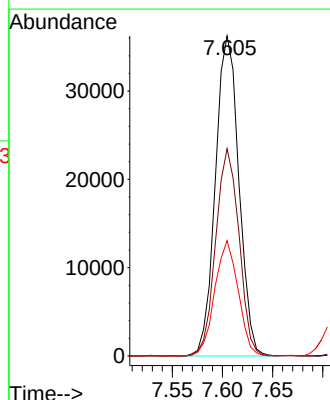
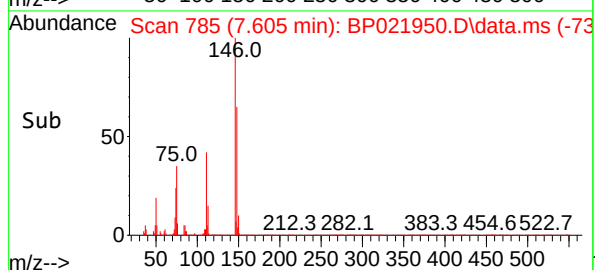
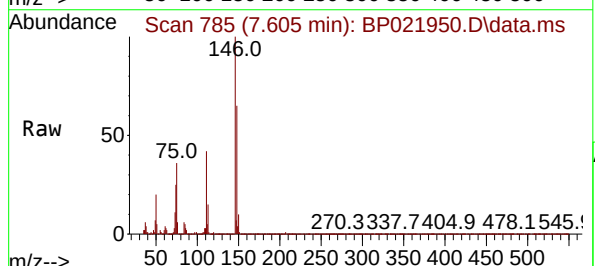
Manual Integrations
APPROVED

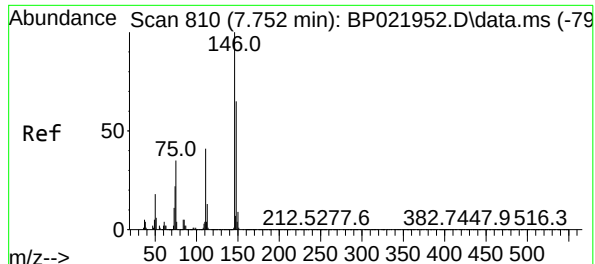
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#12
1,3-Dichlorobenzene
Concen: 10.180 ng
RT: 7.605 min Scan# 785
Delta R.T. 0.000 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

Tgt Ion:146 Resp: 58950
Ion Ratio Lower Upper
146 100
148 64.8 52.3 78.5
75 36.1 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 10.104 ng

RT: 7.752 min Scan# 810

Delta R.T. 0.000 min

Lab File: BP021950.D

Acq: 19 Sep 2024 14:17

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:146 Resp: 5933

Ion Ratio Lower Upper

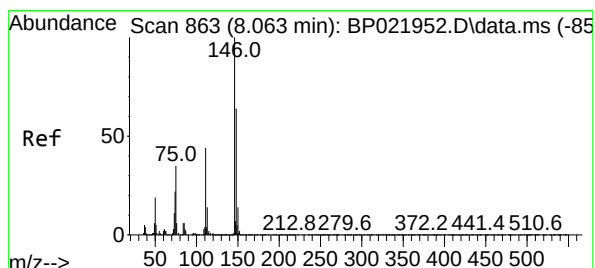
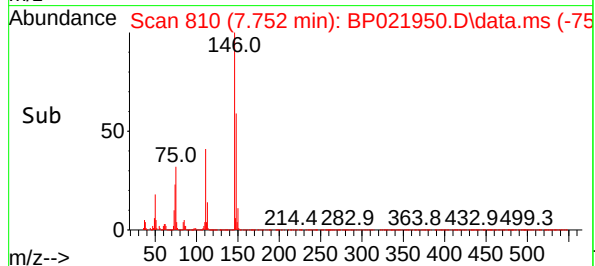
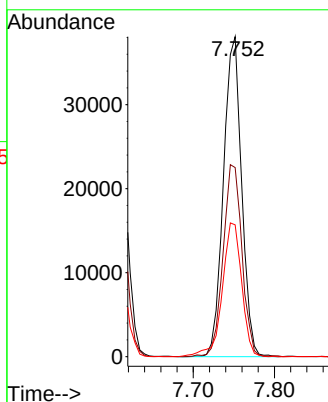
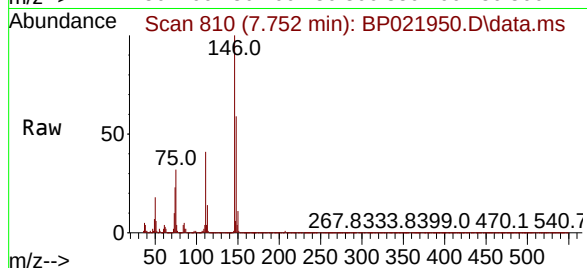
146 100

148 59.1 52.2 78.4

111 41.2 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#14

1,2-Dichlorobenzene

Concen: 10.018 ng

RT: 8.063 min Scan# 863

Delta R.T. 0.000 min

Lab File: BP021950.D

Acq: 19 Sep 2024 14:17

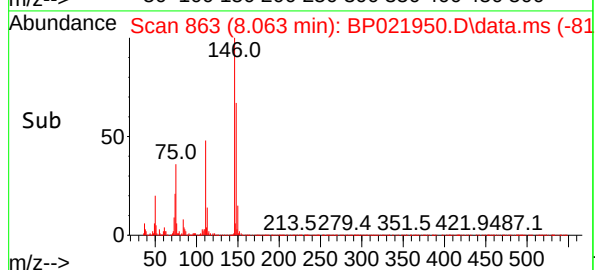
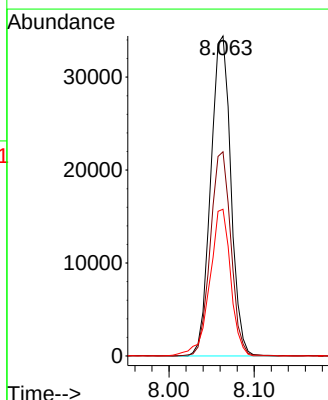
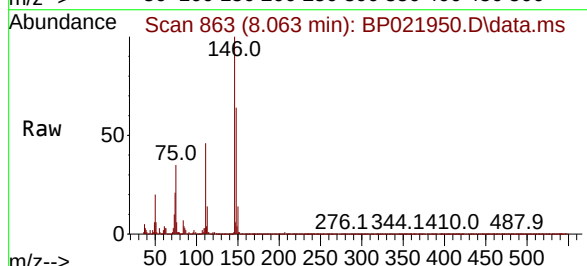
Tgt Ion:146 Resp: 56466

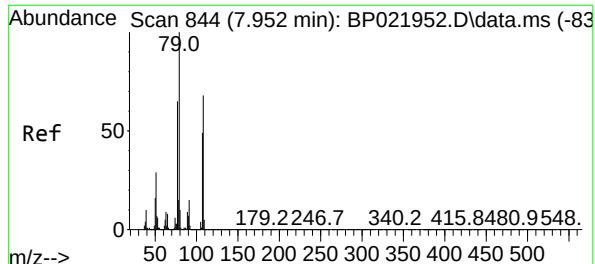
Ion Ratio Lower Upper

146 100

148 63.8 51.3 76.9

111 45.9 35.6 53.4





#15

Benzyl Alcohol

Concen: 9.711 ng

RT: 7.952 min Scan# 844

Delta R.T. 0.000 min

Lab File: BP021950.D

Acq: 19 Sep 2024 14:17

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 79 Resp: 4147

Ion Ratio Lower Upper

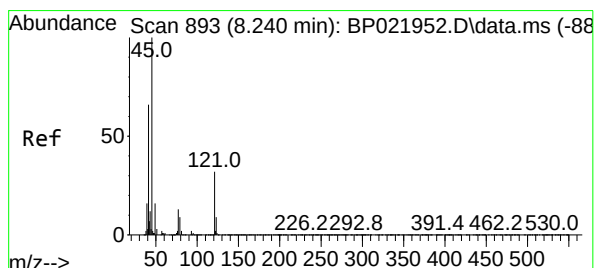
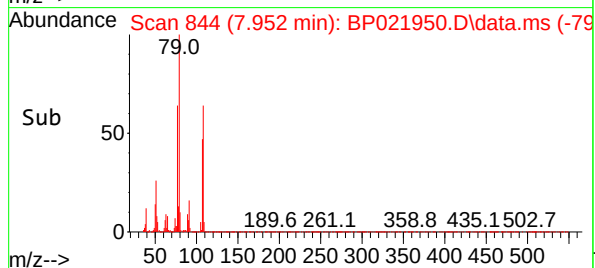
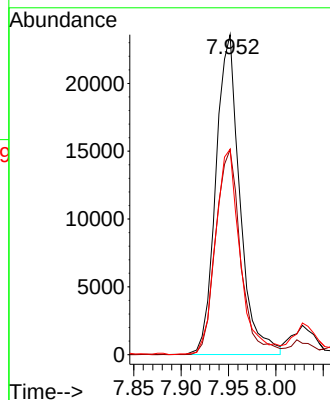
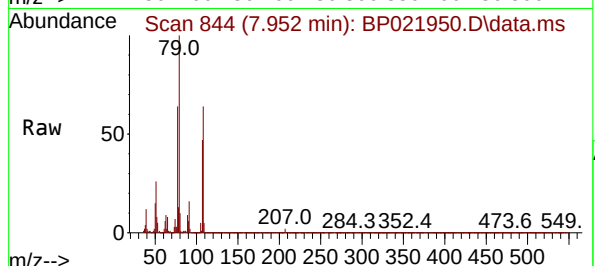
79 100

108 64.1 54.7 82.1

77 64.2 51.8 77.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.019 ng m

RT: 8.240 min Scan# 893

Delta R.T. 0.000 min

Lab File: BP021950.D

Acq: 19 Sep 2024 14:17

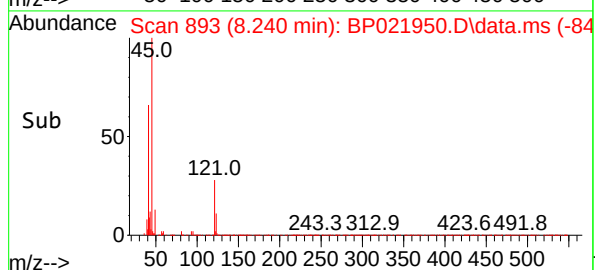
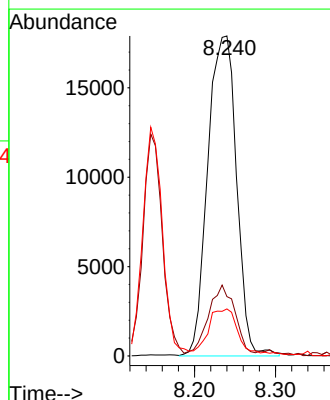
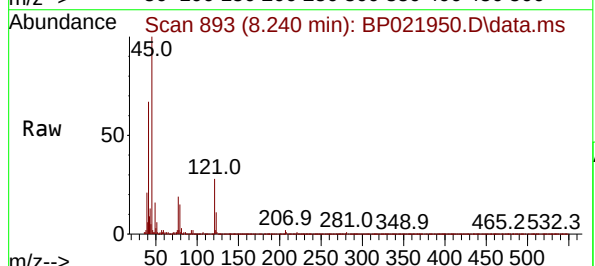
Tgt Ion: 45 Resp: 44230

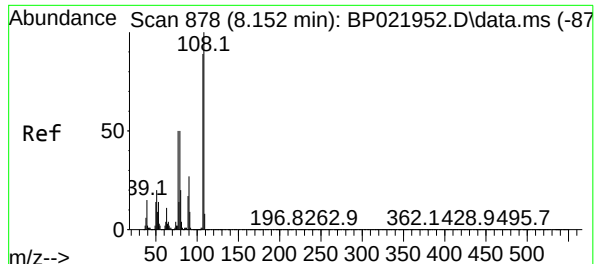
Ion Ratio Lower Upper

45 100

77 18.6 0.0 39.5

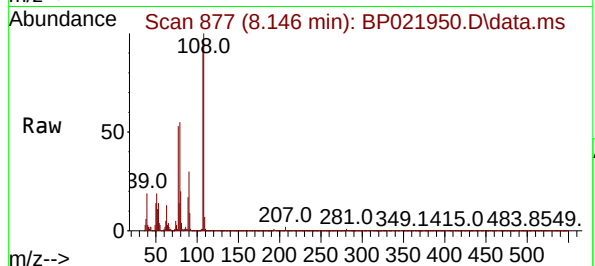
79 14.7 0.0 34.9





#17
2-Methylphenol
Concen: 9.900 ng
RT: 8.146 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

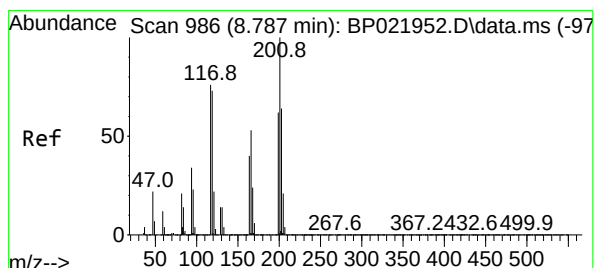
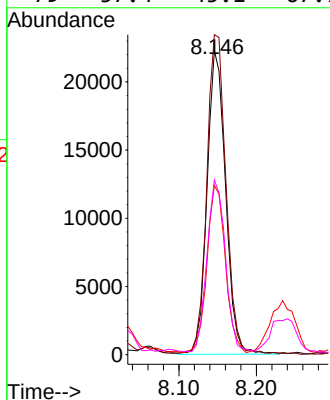
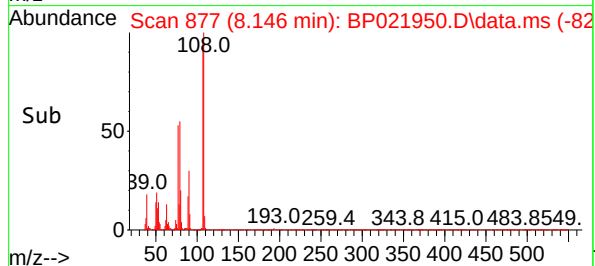
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion	Ratio	Lower	Upper
107	100		
108	105.2	90.3	135.5
77	55.7	45.1	67.7
79	57.4	45.1	67.7

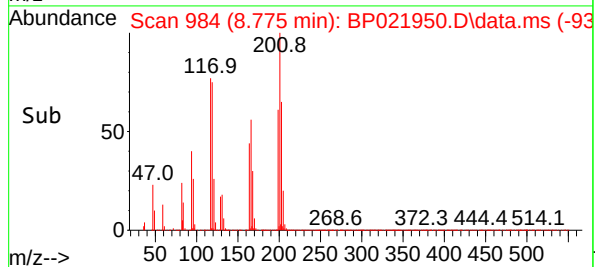
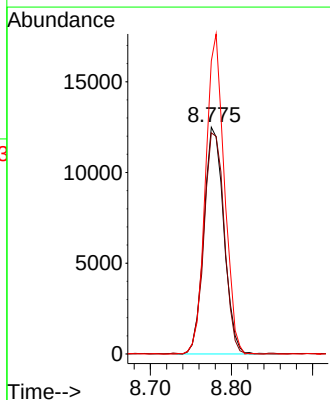
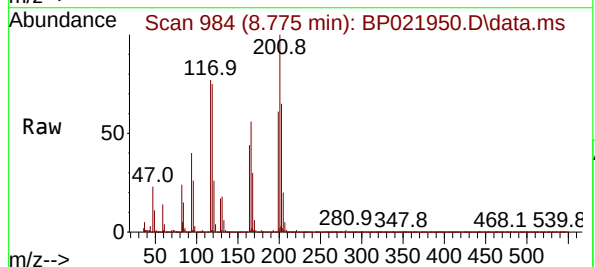
Manual Integrations
APPROVED

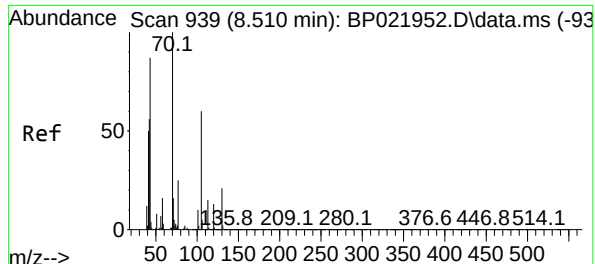
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#18
Hexachloroethane
Concen: 9.869 ng
RT: 8.775 min Scan# 984
Delta R.T. -0.012 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.0	115.4
201	129.2	105.6	158.4





#19

n-Nitroso-di-n-propylamine

Concen: 10.092 ng

RT: 8.505 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP021950.D

Acq: 19 Sep 2024 14:17

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 3492

Ion Ratio Lower Upper

70 100

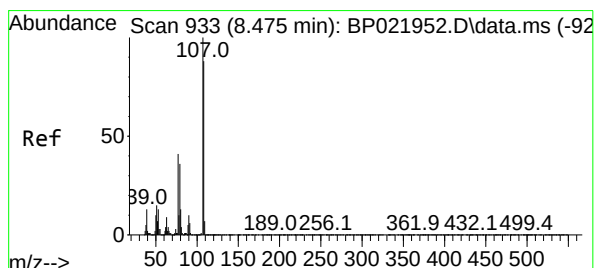
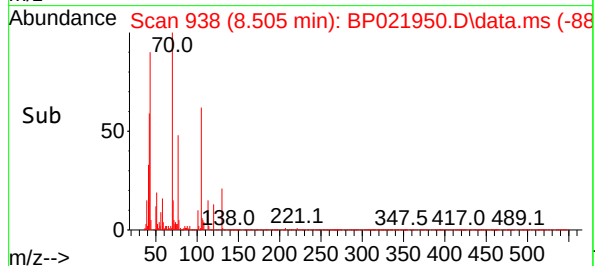
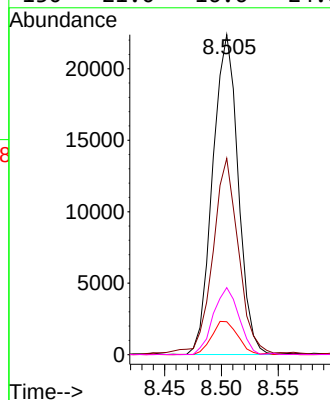
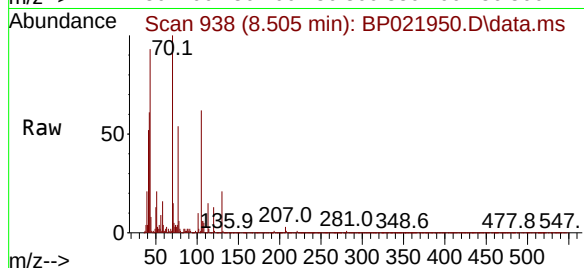
42 61.3 45.2 67.8

101 10.3 7.8 11.6

130 21.0 16.6 24.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#20

3+4-Methylphenols

Concen: 9.773 ng

RT: 8.469 min Scan# 932

Delta R.T. -0.006 min

Lab File: BP021950.D

Acq: 19 Sep 2024 14:17

Tgt Ion:107 Resp: 51544

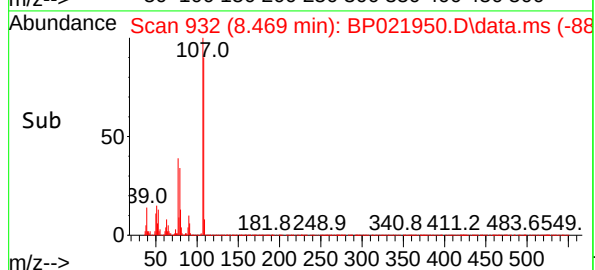
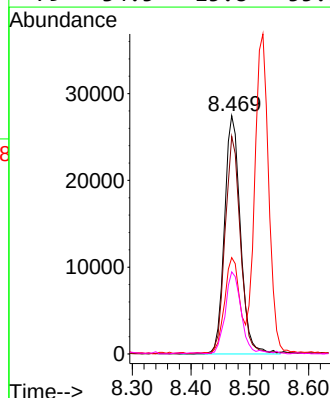
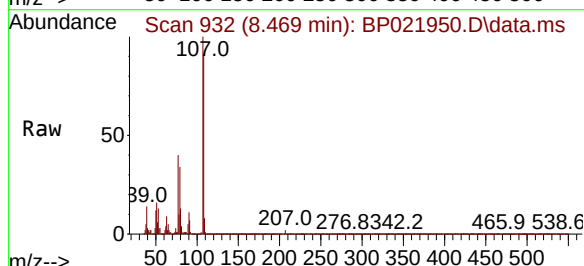
Ion Ratio Lower Upper

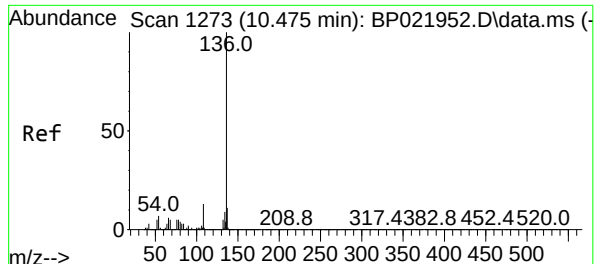
107 100

108 91.4 68.3 108.3

77 40.5 20.6 60.6

79 34.5 15.8 55.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.475 min Scan# 1273

Delta R.T. 0.000 min

Lab File: BP021950.D

Acq: 19 Sep 2024 14:17

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:136 Resp: 302990

Ion Ratio Lower Upper

136 100

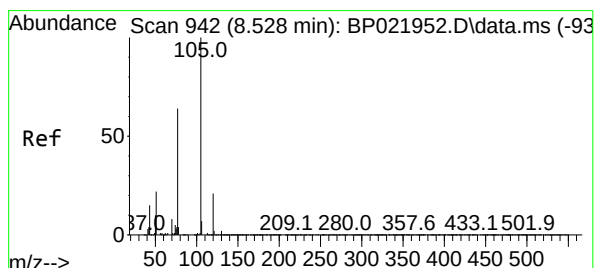
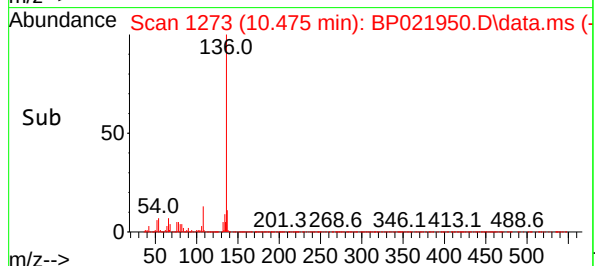
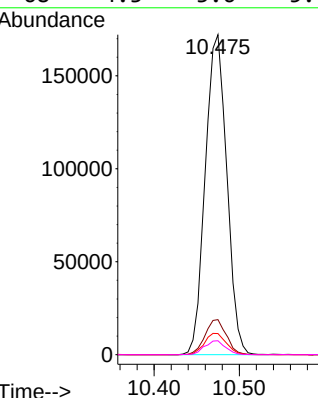
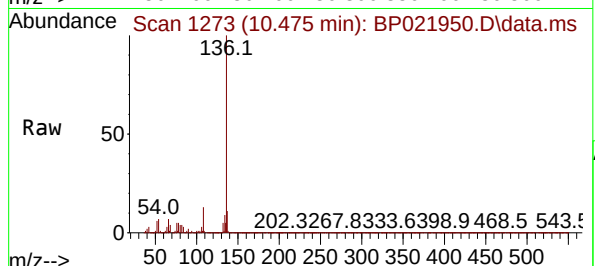
137 11.0 8.8 13.2

54 6.6 5.5 8.3

68 4.3 3.6 5.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#22

Acetophenone

Concen: 9.926 ng

RT: 8.522 min Scan# 941

Delta R.T. -0.006 min

Lab File: BP021950.D

Acq: 19 Sep 2024 14:17

Tgt Ion:105 Resp: 73366

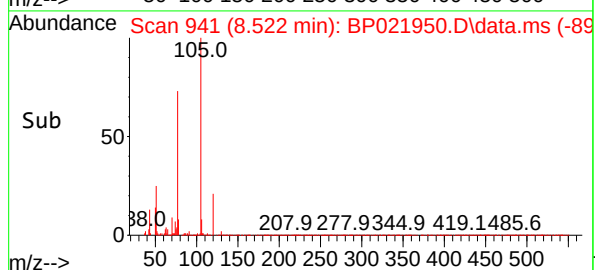
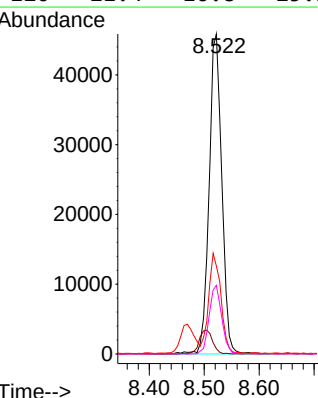
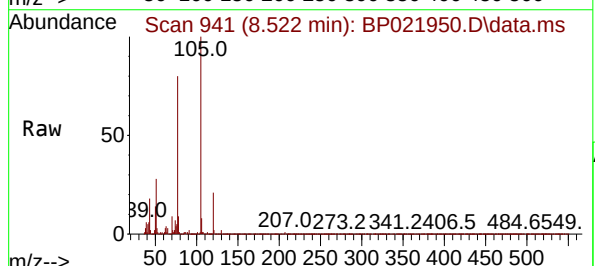
Ion Ratio Lower Upper

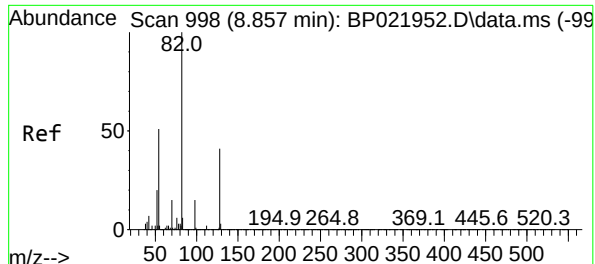
105 100

71 1.6 1.4 2.0

51 27.5 22.1 33.1

120 21.4 16.8 25.2





#23

Nitrobenzene-d5

Concen: 19.575 ng

RT: 8.852 min Scan# 998

Delta R.T. -0.006 min

Lab File: BP021950.D

Acq: 19 Sep 2024 14:17

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 82 Resp: 112089

Ion Ratio Lower Upper

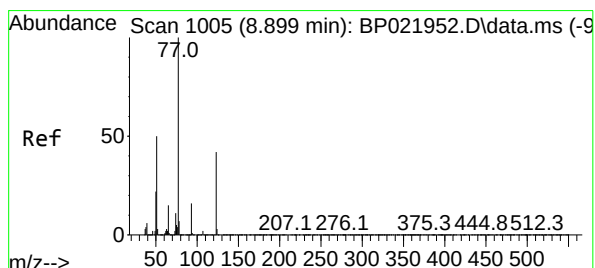
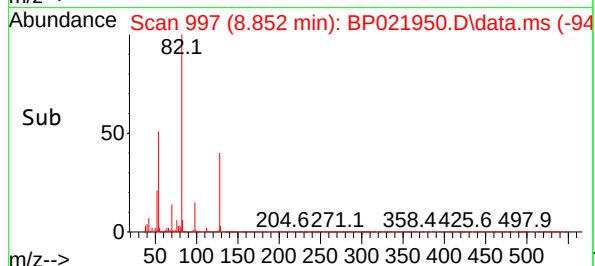
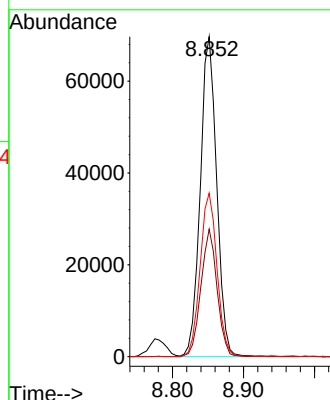
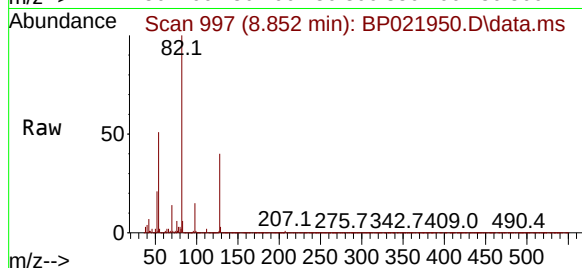
82 100

128 39.9 33.1 49.7

54 51.1 40.3 60.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#24

Nitrobenzene

Concen: 9.837 ng

RT: 8.893 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BP021950.D

Acq: 19 Sep 2024 14:17

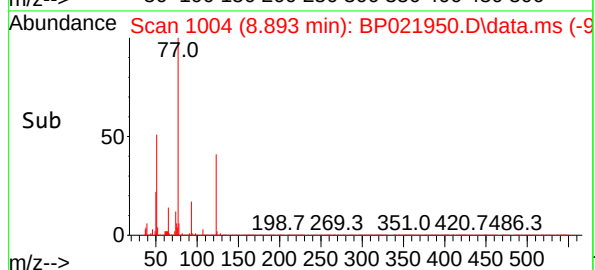
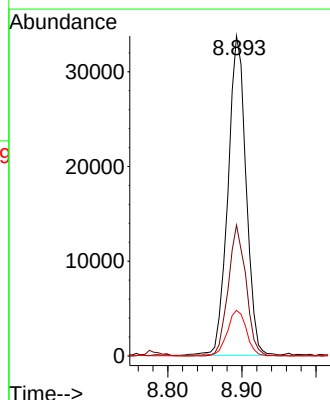
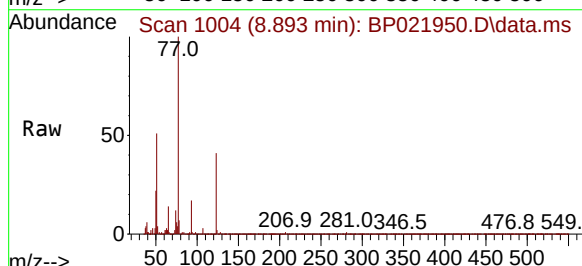
Tgt Ion: 77 Resp: 57202

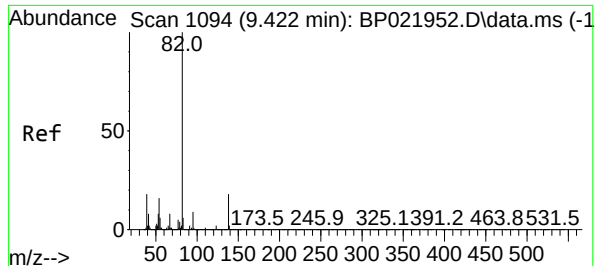
Ion Ratio Lower Upper

77 100

123 40.9 33.9 50.9

65 14.3 12.0 18.0





#25

Isophorone

Concen: 9.790 ng

RT: 9.416 min Scan# 1093

Delta R.T. -0.006 min

Lab File: BP021950.D

Acq: 19 Sep 2024 14:17

Instrument :

BNA_P

ClientSampleId :

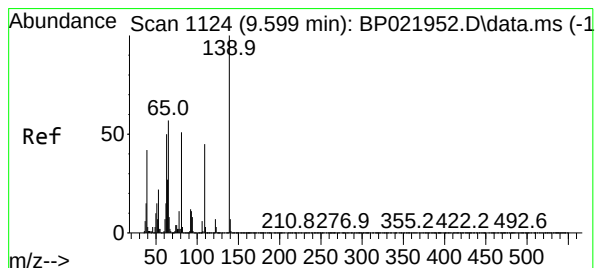
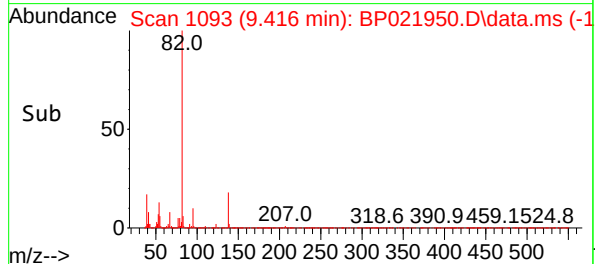
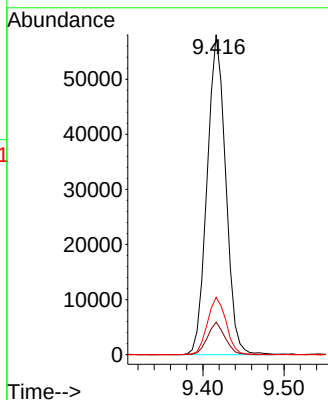
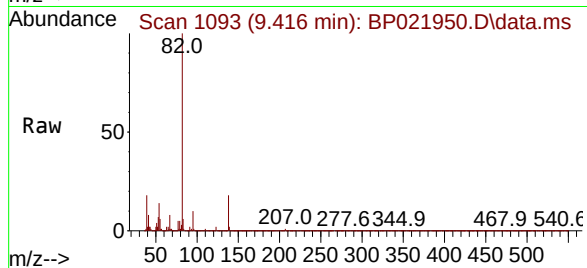
SSTDICC010

Tgt Ion:	82	Resp:	92424
Ion	Ratio	Lower	Upper
82	100		
95	10.1	7.0	10.6
138	17.9	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#26

2-Nitrophenol

Concen: 9.162 ng

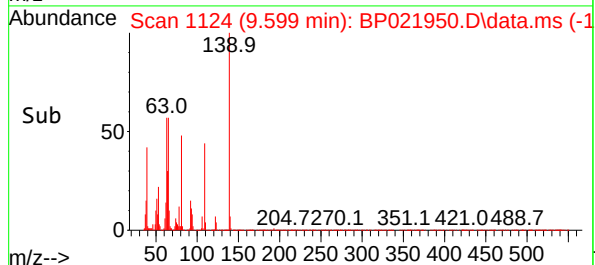
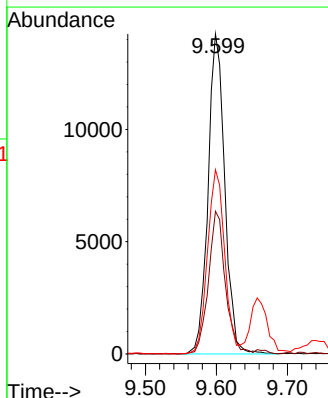
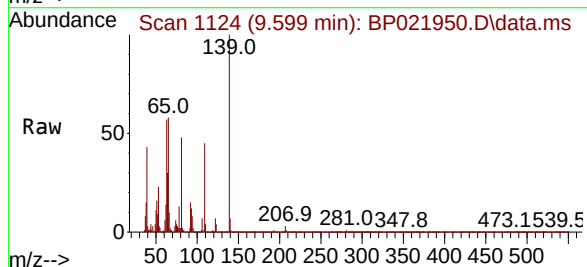
RT: 9.599 min Scan# 1124

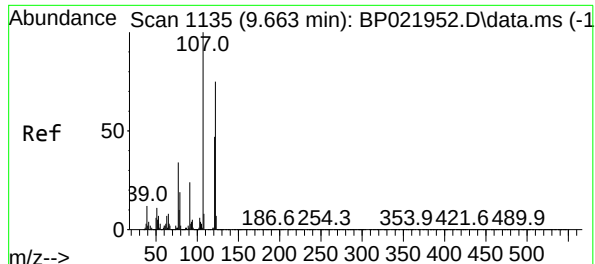
Delta R.T. 0.000 min

Lab File: BP021950.D

Acq: 19 Sep 2024 14:17

Tgt Ion:	139	Resp:	23294
Ion	Ratio	Lower	Upper
139	100		
109	44.6	36.0	54.0
65	57.6	45.7	68.5





#27

2,4-Dimethylphenol

Concen: 9.570 ng

RT: 9.657 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BP021950.D

Acq: 19 Sep 2024 14:17

Instrument :

BNA_P

ClientSampleId :

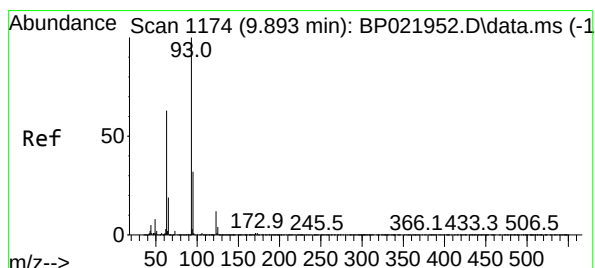
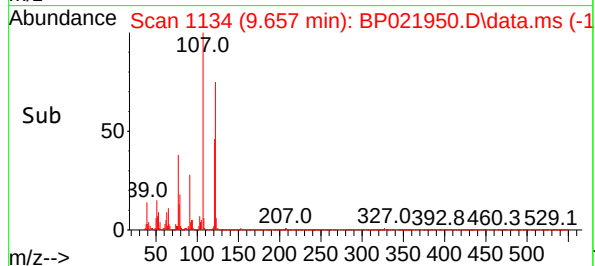
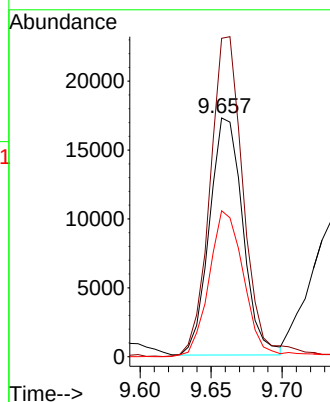
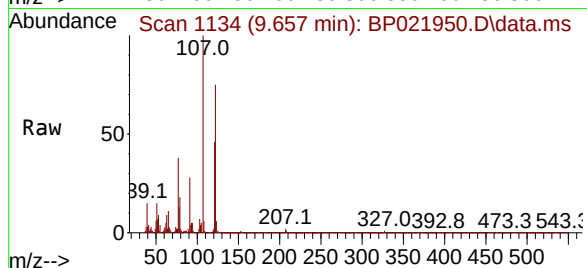
SSTDICC010

Tgt Ion:	122	Resp:	2817
Ion	Ratio	Lower	Upper
122	100		
107	133.4	106.1	159.1
121	61.1	49.6	74.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#28

bis(2-Chloroethoxy)methane

Concen: 9.883 ng

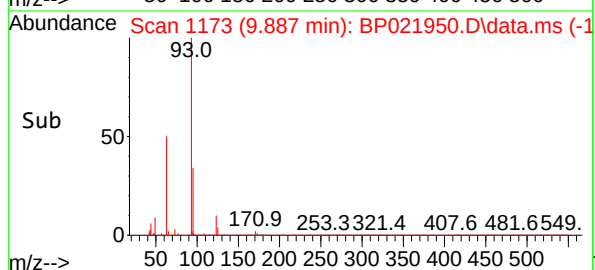
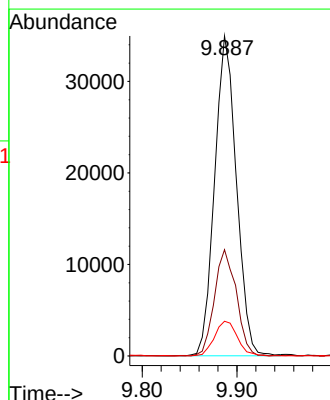
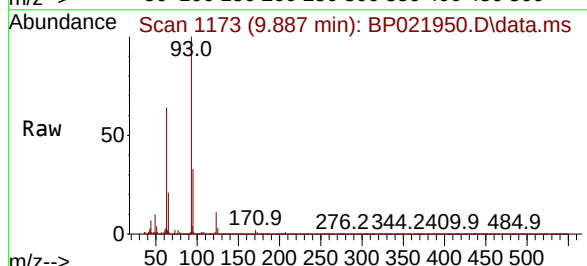
RT: 9.887 min Scan# 1173

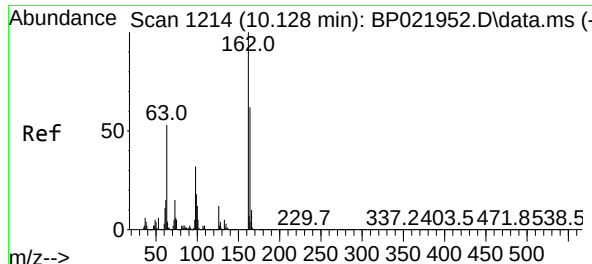
Delta R.T. -0.006 min

Lab File: BP021950.D

Acq: 19 Sep 2024 14:17

Tgt Ion:	93	Resp:	55943
Ion	Ratio	Lower	Upper
93	100		
95	33.2	25.7	38.5
123	10.8	9.4	14.0





#29

2,4-Dichlorophenol

Concen: 9.633 ng

RT: 10.122 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BP021950.D

Acq: 19 Sep 2024 14:17

Instrument :

BNA_P

ClientSampleId :

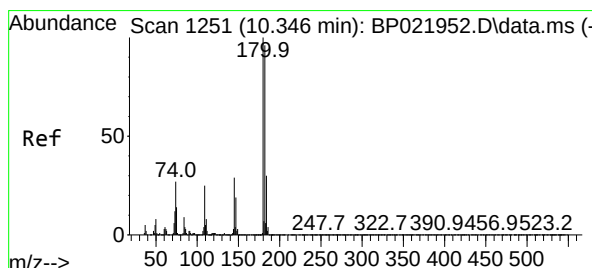
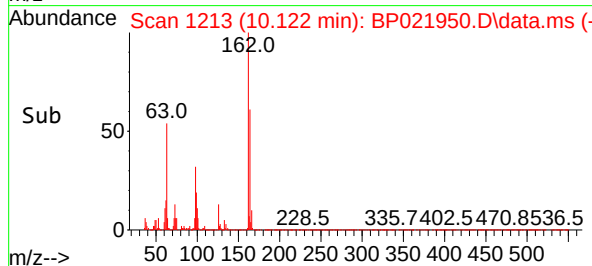
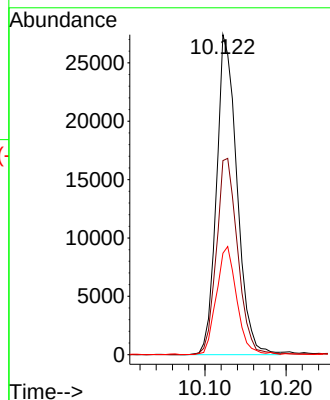
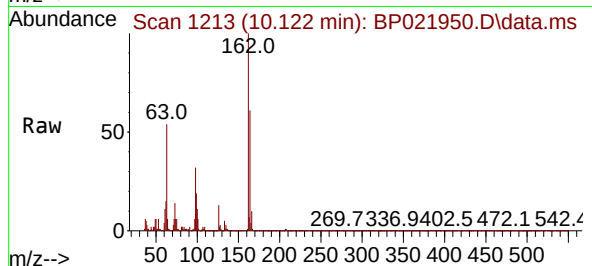
SSTDICC010

Tgt Ion:	162	Resp:	48130
Ion Ratio	Lower	Upper	
162	100		
164	60.6	41.7	81.7
98	31.7	12.4	52.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#30

1,2,4-Trichlorobenzene

Concen: 10.148 ng

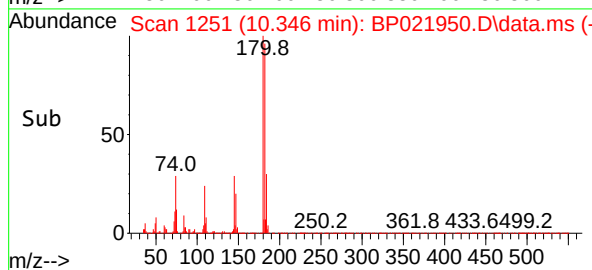
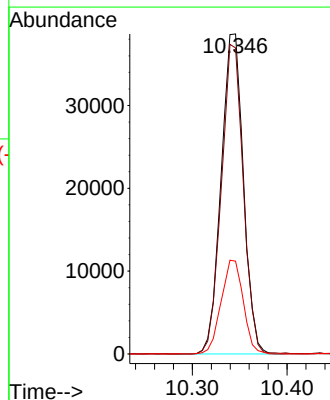
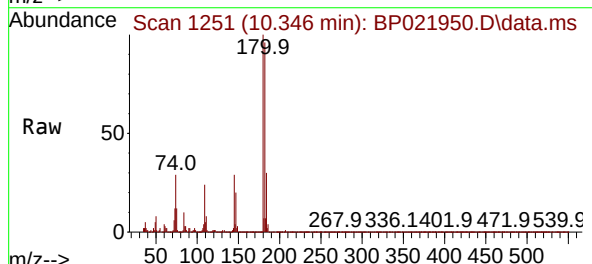
RT: 10.346 min Scan# 1251

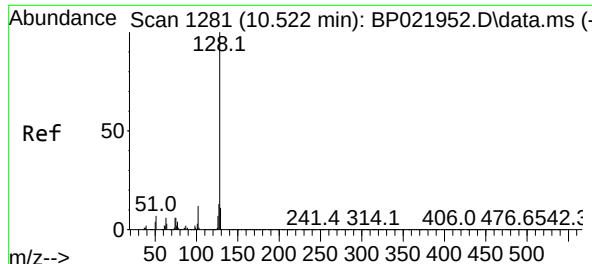
Delta R.T. 0.000 min

Lab File: BP021950.D

Acq: 19 Sep 2024 14:17

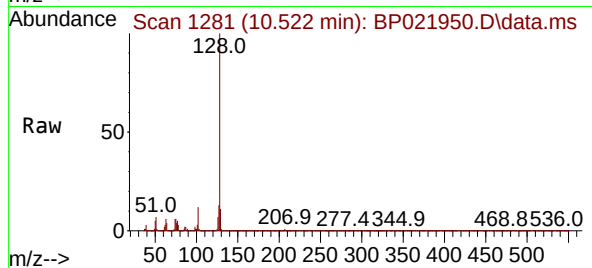
Tgt Ion:	180	Resp:	63165
Ion Ratio	Lower	Upper	
180	100		
182	95.7	77.0	115.4
145	29.0	23.0	34.6





#31
Naphthalene
Concen: 10.064 ng
RT: 10.522 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

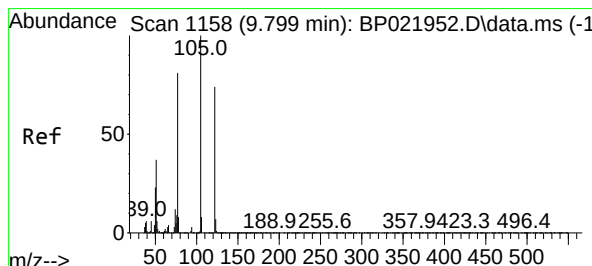
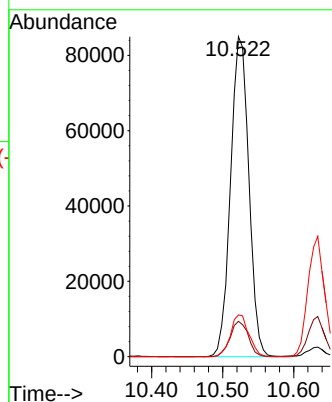
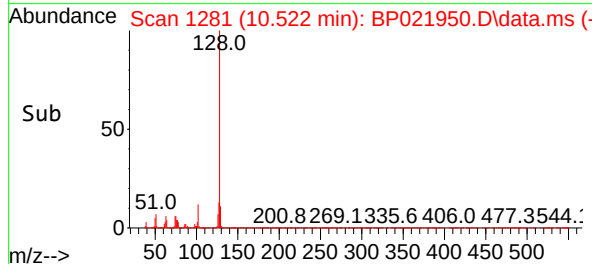
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:128 Resp: 15215
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.1 10.6 15.8

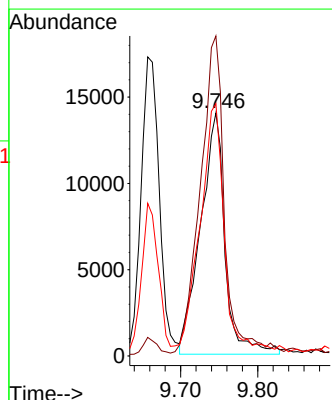
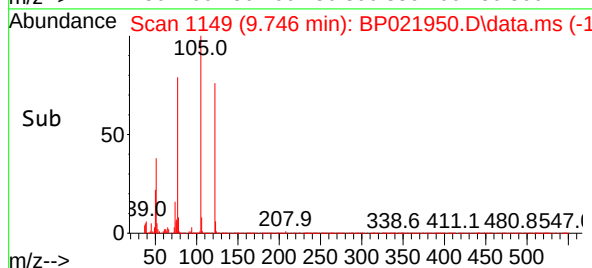
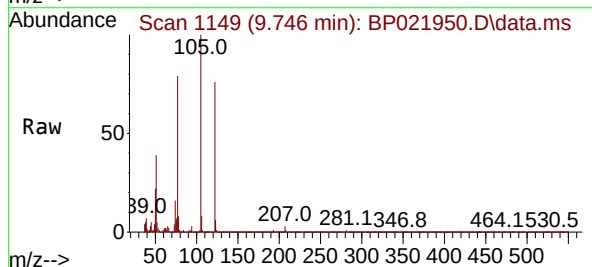
Manual Integrations
APPROVED

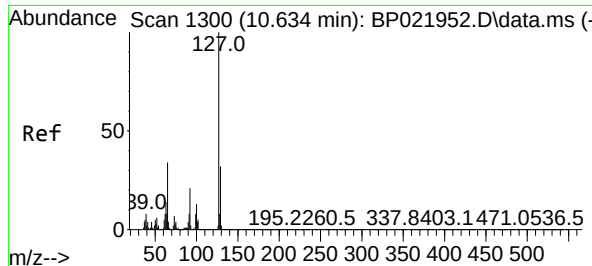
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#32
Benzoic acid
Concen: 8.731 ng m
RT: 9.746 min Scan# 1149
Delta R.T. -0.053 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

Tgt Ion:122 Resp: 30625
Ion Ratio Lower Upper
122 100
105 131.7 111.3 151.3
77 103.8 86.7 126.7





#33

4-Chloroaniline

Concen: 9.816 ng

RT: 10.634 min Scan# 1300

Delta R.T. 0.000 min

Lab File: BP021950.D

Acq: 19 Sep 2024 14:17

Instrument :

BNA_P

ClientSampleId :

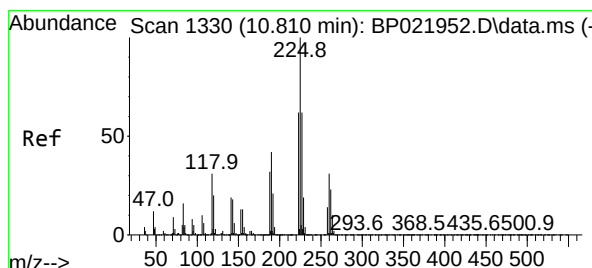
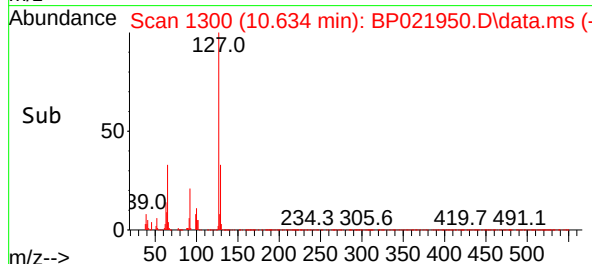
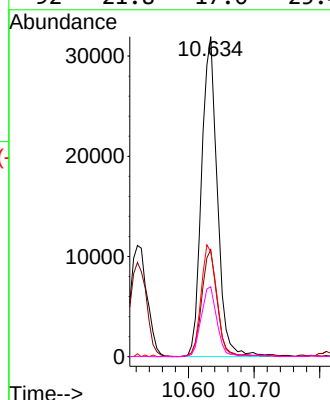
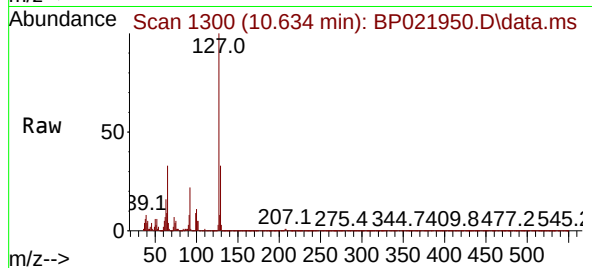
SSTDICC010

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.4	25.4	38.0
65	32.7	27.4	41.2
92	21.8	17.0	25.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/22/2024



#34

Hexachlorobutadiene

Concen: 10.223 ng

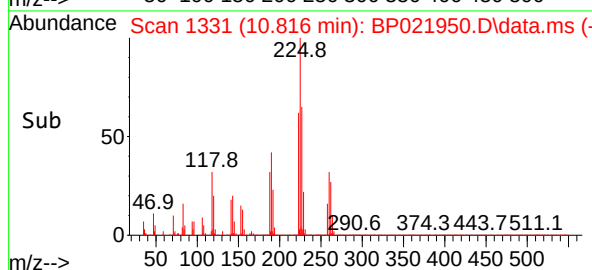
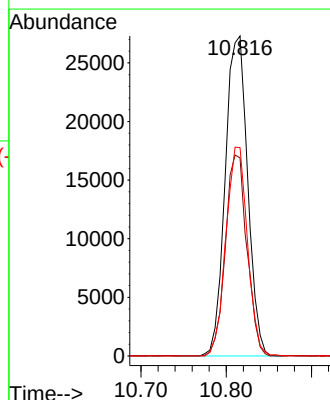
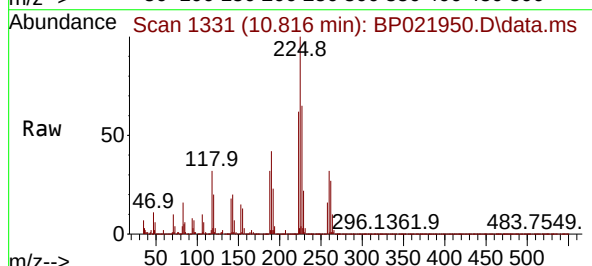
RT: 10.816 min Scan# 1331

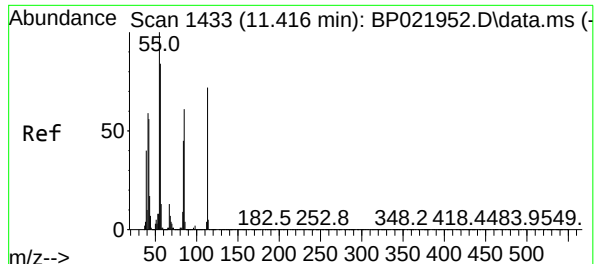
Delta R.T. 0.006 min

Lab File: BP021950.D

Acq: 19 Sep 2024 14:17

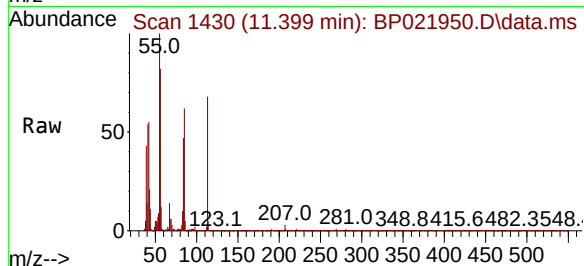
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.0	75.0
227	65.1	49.7	74.5





#35
Caprolactam
Concen: 9.776 ng m
RT: 11.399 min Scan# 1433
Delta R.T. -0.018 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

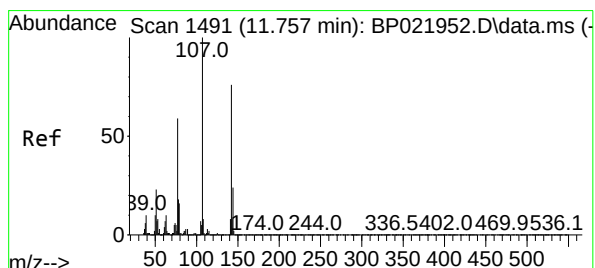
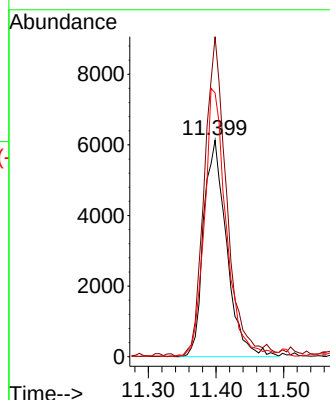
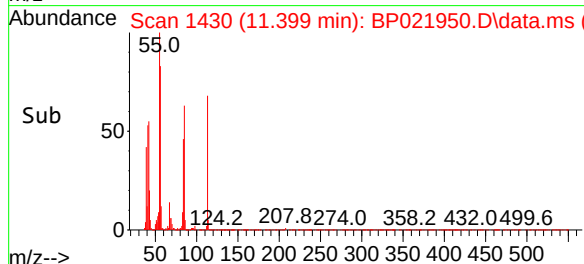
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:113 Resp: 1451
Ion Ratio Lower Upper
113 100
55 147.8 119.4 159.4
56 121.8 97.1 137.1

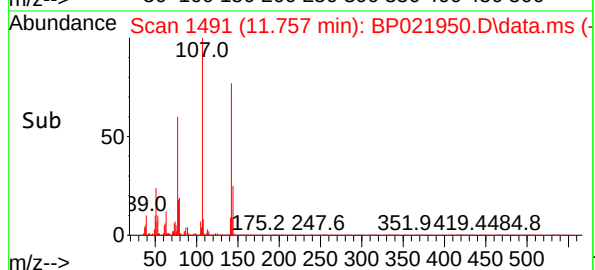
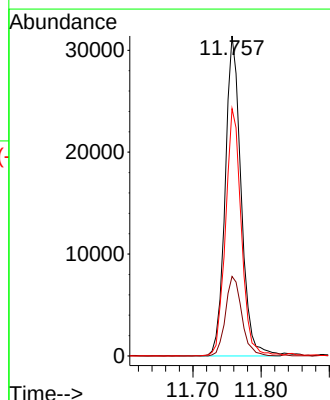
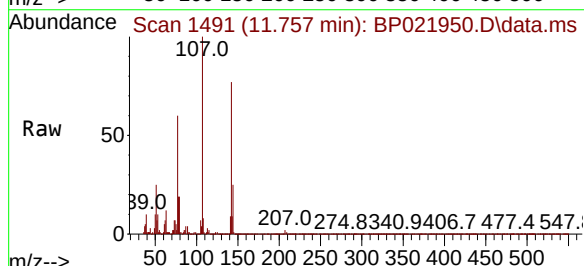
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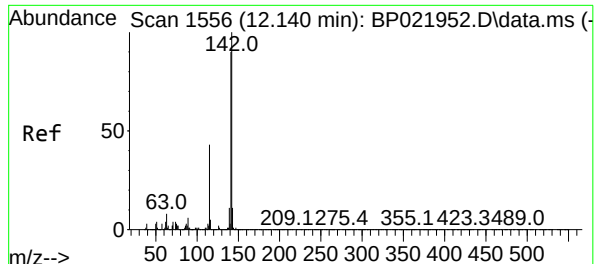
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#36
4-Chloro-3-methylphenol
Concen: 9.510 ng
RT: 11.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

Tgt Ion:107 Resp: 50987
Ion Ratio Lower Upper
107 100
144 24.9 19.0 28.4
142 77.3 60.4 90.6





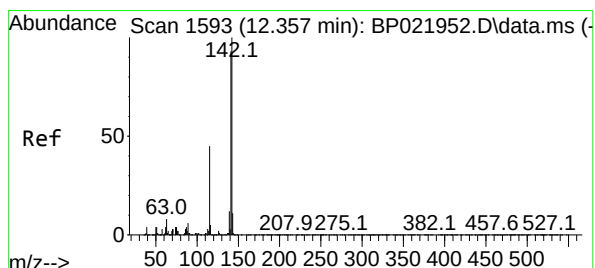
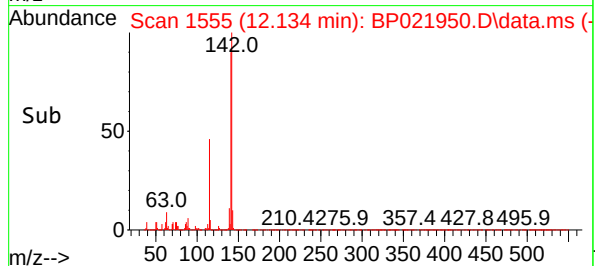
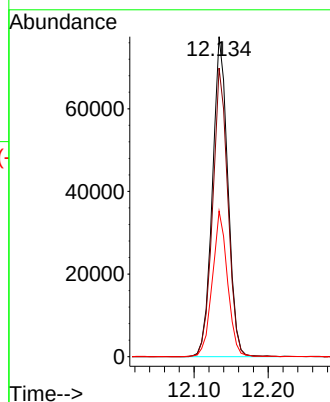
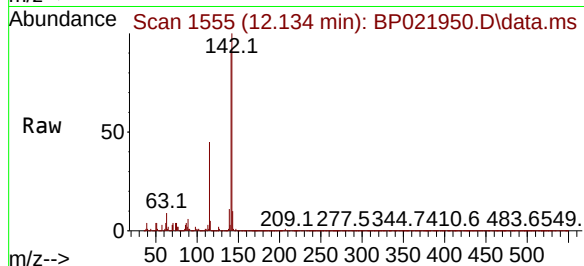
#37
2-Methylnaphthalene
Concen: 10.128 ng
RT: 12.134 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 11202
Ion Ratio Lower Upper
142 100
141 90.2 71.7 107.5
115 45.5 34.6 51.8

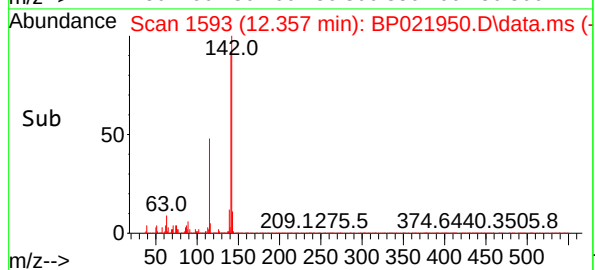
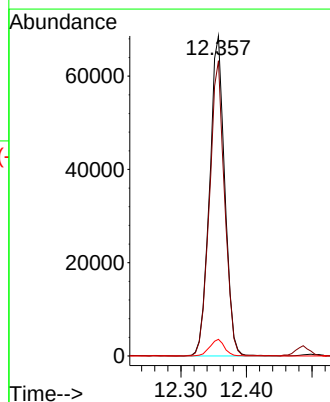
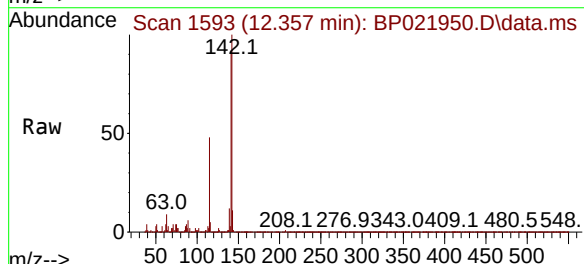
Manual Integrations
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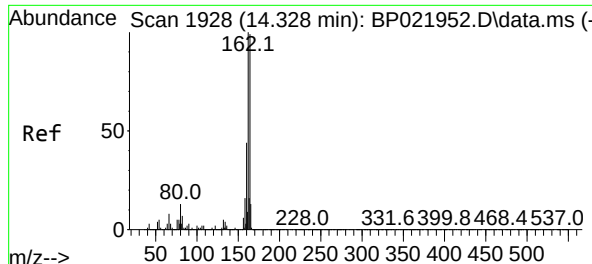
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#38
1-Methylnaphthalene
Concen: 10.099 ng
RT: 12.357 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

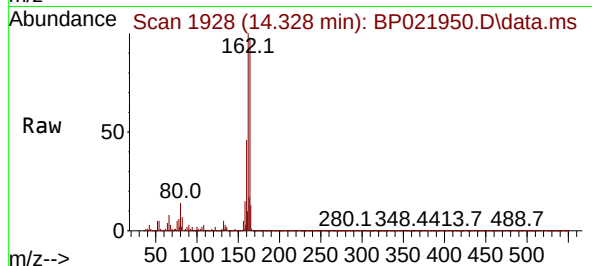
Tgt Ion:142 Resp: 110296
Ion Ratio Lower Upper
142 100
141 92.3 74.1 111.1
116 5.2 3.8 5.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.328 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

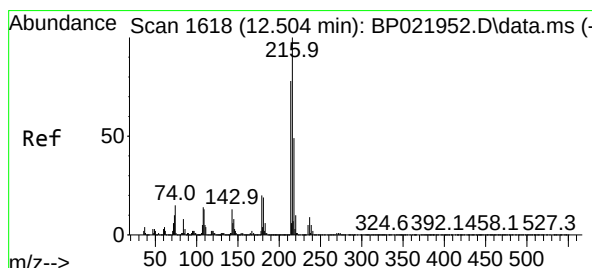
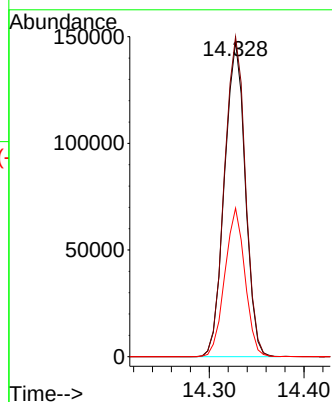
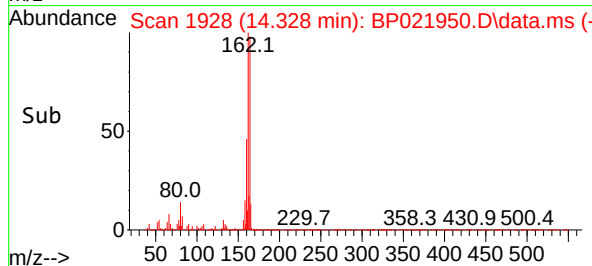
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:164 Resp: 224611
Ion Ratio Lower Upper
164 100
162 101.6 81.2 121.8
160 47.1 35.9 53.9

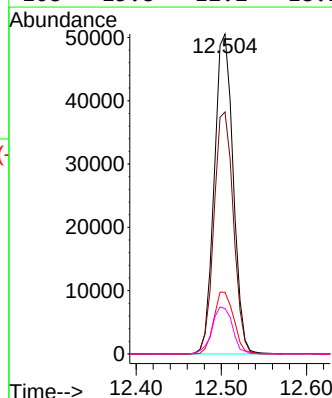
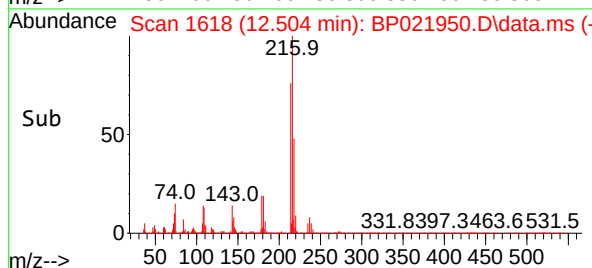
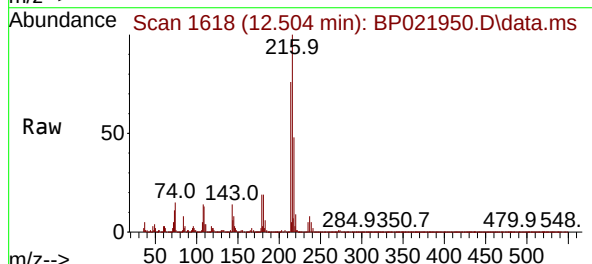
Manual Integrations
APPROVED

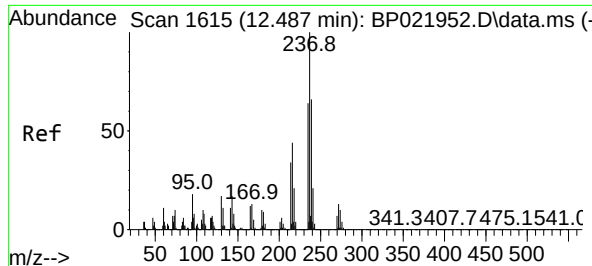
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.927 ng
RT: 12.504 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

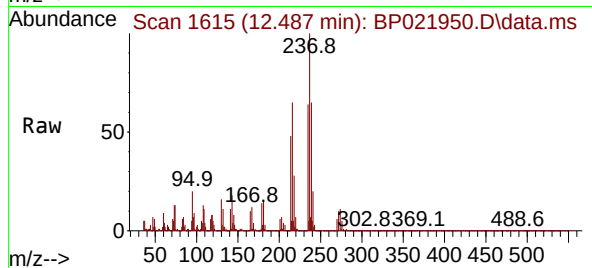
Tgt Ion:216 Resp: 78009
Ion Ratio Lower Upper
216 100
214 77.7 62.8 94.2
179 20.4 16.4 24.6
108 15.8 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 9.703 ng
RT: 12.487 min Scan# 10
Delta R.T. 0.000 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

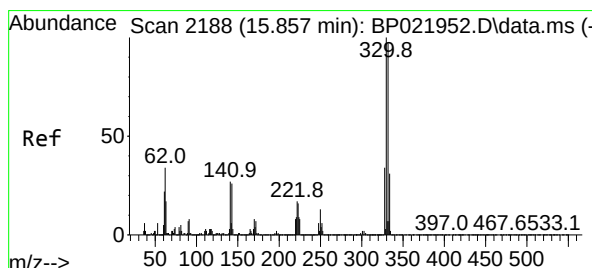
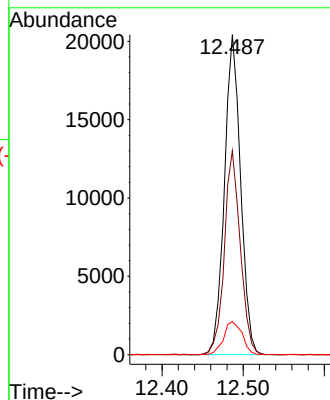
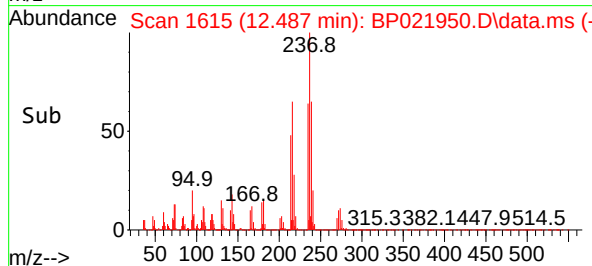
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 237 Resp: 2833
Ion Ratio Lower Upper
237 100
235 63.7 44.1 84.1
272 10.3 0.0 33.1

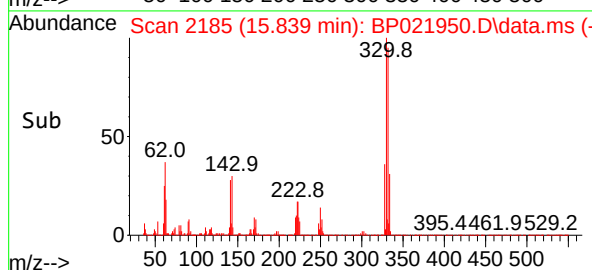
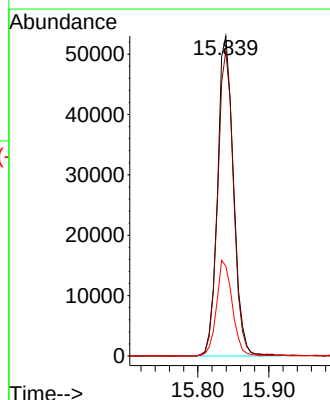
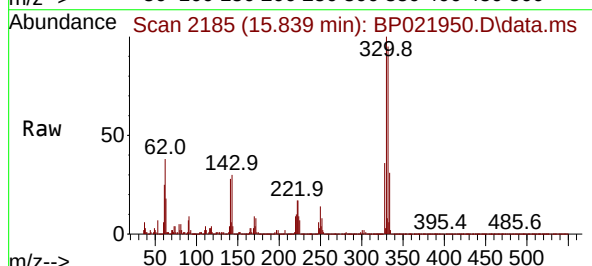
Manual Integrations
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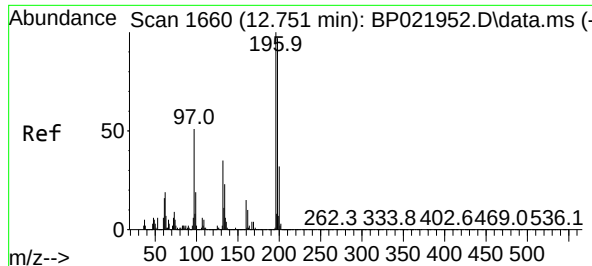
Reviewed By : Jagrut Upadhyay 09/20/2024
Supervised By : mohammad ahmed 09/22/2024



#42
2,4,6-Tribromophenol
Concen: 19.773 ng
RT: 15.839 min Scan# 2185
Delta R.T. -0.018 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

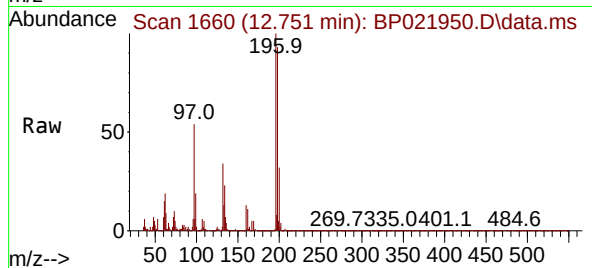
Tgt Ion: 330 Resp: 82337
Ion Ratio Lower Upper
330 100
332 95.1 77.5 116.3
141 29.5 23.4 35.0





#43
2,4,6-Trichlorophenol
Concen: 9.734 ng
RT: 12.751 min Scan# 1660
Delta R.T. 0.000 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

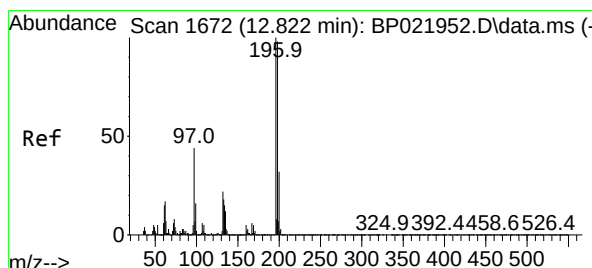
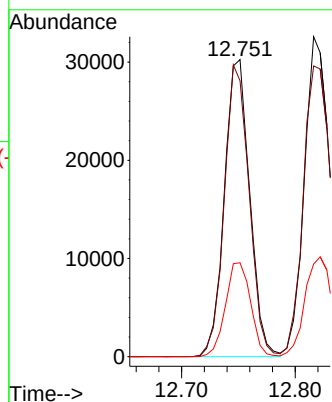
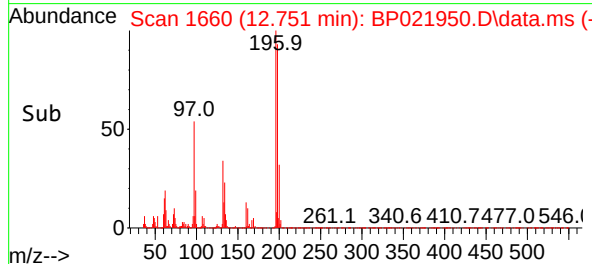
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:196 Resp: 4695
Ion Ratio Lower Upper
196 100
198 92.8 77.6 116.4
200 31.6 25.8 38.6

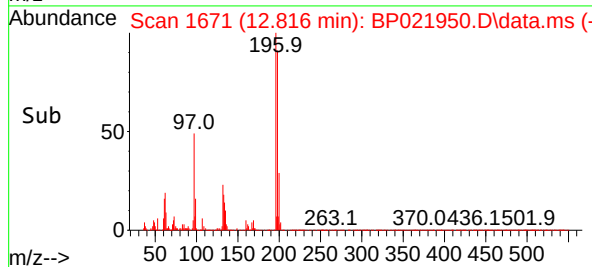
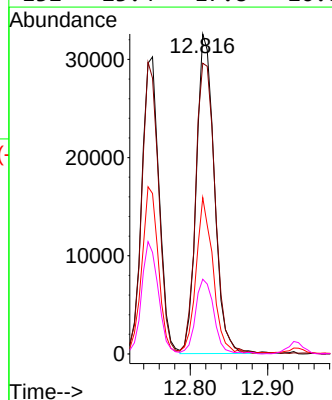
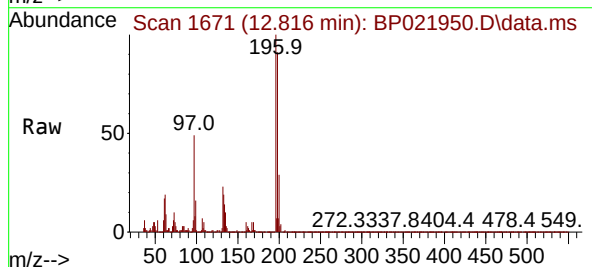
Manual Integrations
APPROVED

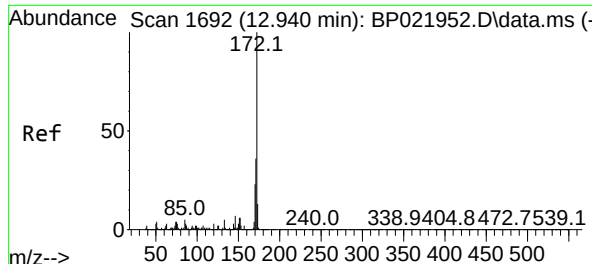
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#44
2,4,5-Trichlorophenol
Concen: 9.711 ng
RT: 12.816 min Scan# 1671
Delta R.T. -0.006 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

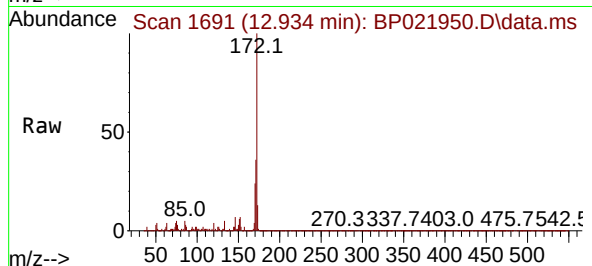
Tgt Ion:196 Resp: 52543
Ion Ratio Lower Upper
196 100
198 90.9 78.2 117.4
97 48.8 35.0 52.4
132 23.4 17.8 26.8





#45
2-Fluorobiphenyl
Concen: 20.365 ng
RT: 12.934 min Scan# 1691
Delta R.T. -0.006 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

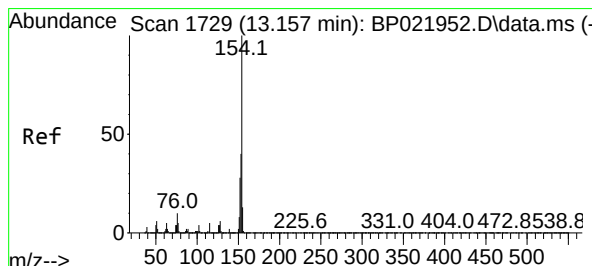
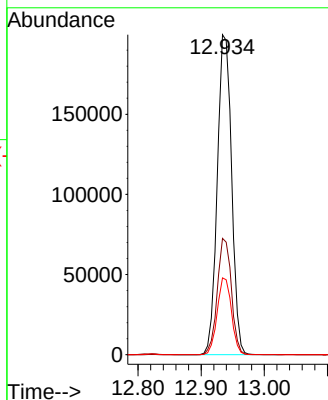
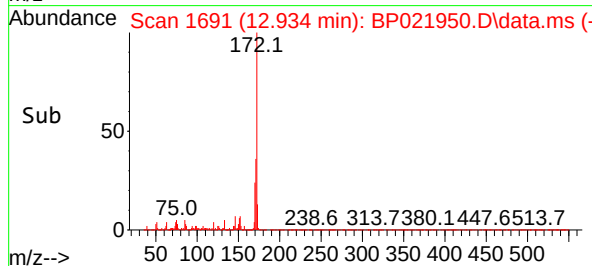
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:172 Resp: 313360
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 24.0 18.8 28.2

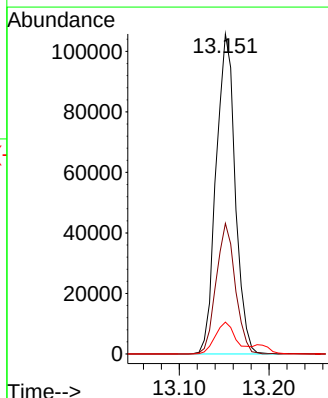
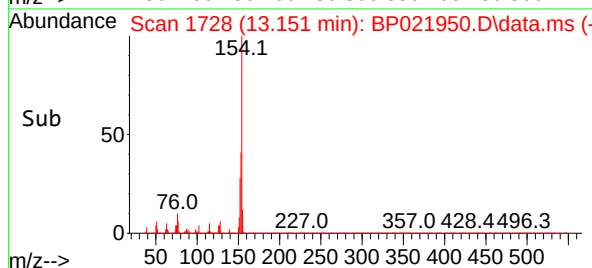
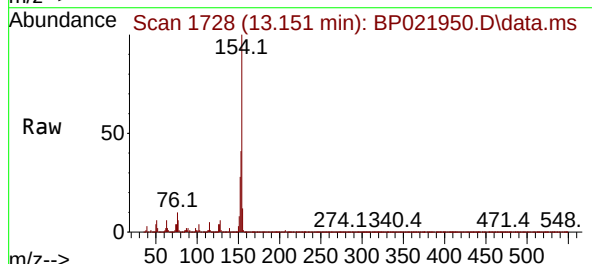
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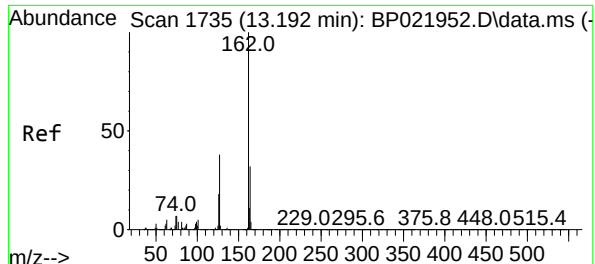
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#46
1,1'-Biphenyl
Concen: 10.206 ng
RT: 13.151 min Scan# 1728
Delta R.T. -0.006 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

Tgt Ion:154 Resp: 156297
Ion Ratio Lower Upper
154 100
153 40.8 20.2 60.2
76 9.9 0.0 29.9





#47

2-Chloronaphthalene

Concen: 10.186 ng

RT: 13.193 min Scan# 1735

Delta R.T. 0.000 min

Lab File: BP021950.D

Acq: 19 Sep 2024 14:17

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:162 Resp: 12614

Ion Ratio Lower Upper

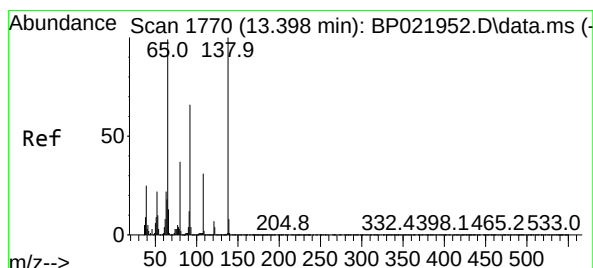
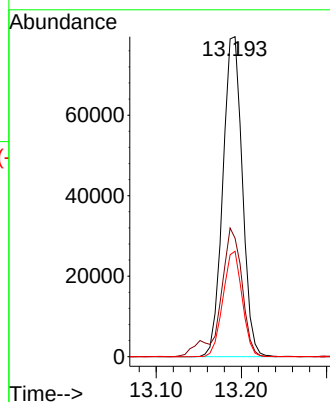
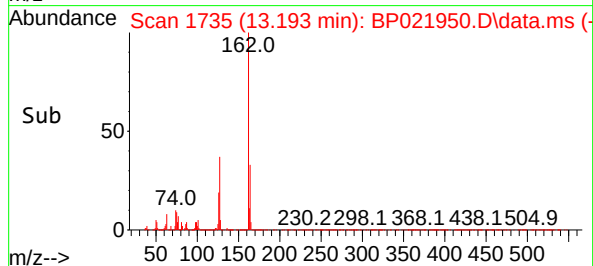
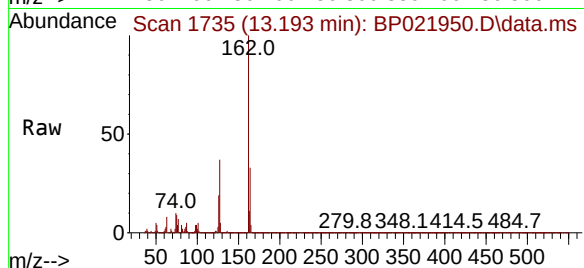
162 100

127 37.0 31.7 47.5

164 33.0 25.9 38.9

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Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#48

2-Nitroaniline

Concen: 9.330 ng

RT: 13.398 min Scan# 1770

Delta R.T. 0.000 min

Lab File: BP021950.D

Acq: 19 Sep 2024 14:17

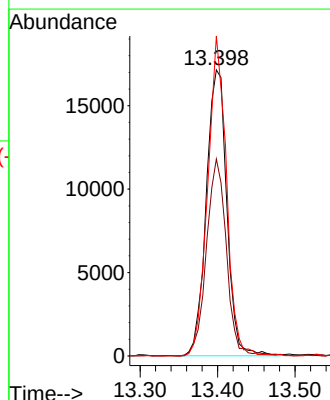
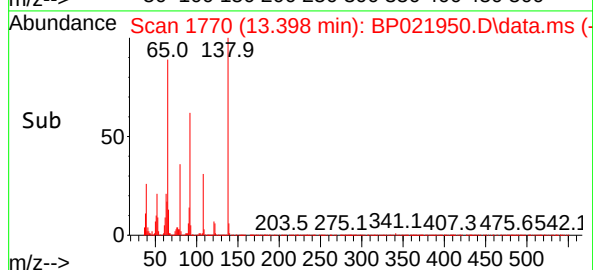
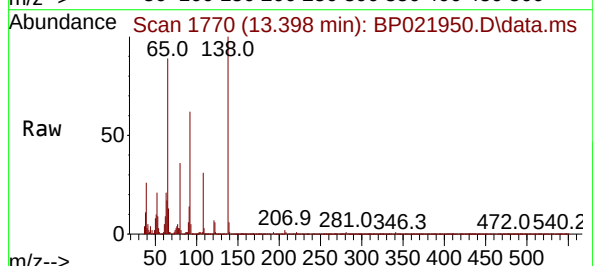
Tgt Ion: 65 Resp: 31548

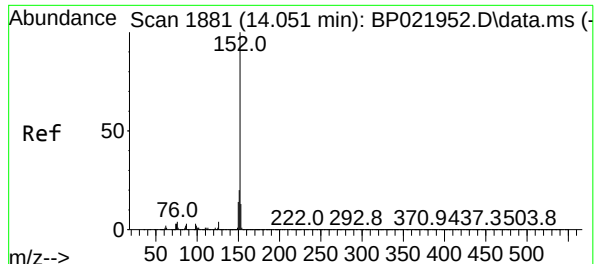
Ion Ratio Lower Upper

65 100

92 68.8 53.2 79.8

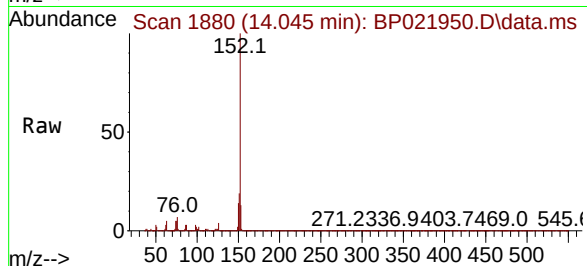
138 111.8 81.1 121.7





#49
Acenaphthylene
Concen: 9.949 ng
RT: 14.045 min Scan# 1880
Delta R.T. -0.006 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

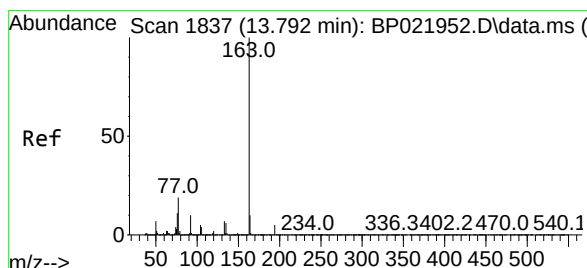
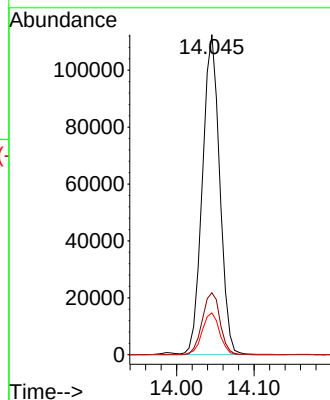
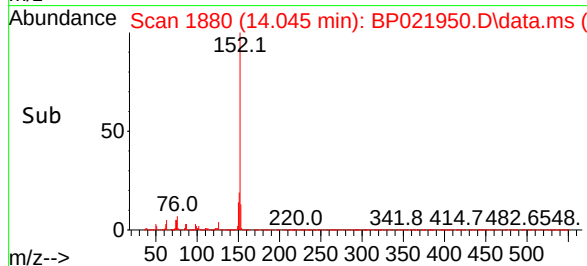
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



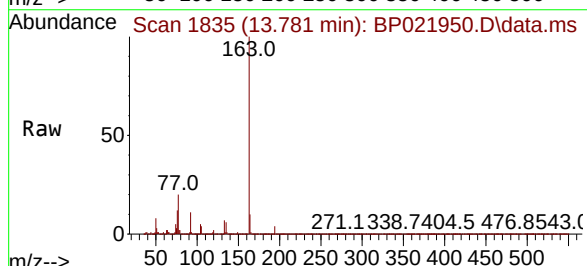
Tgt Ion:152 Resp: 17384
Ion Ratio Lower Upper
152 100
151 19.3 16.0 24.0
153 13.0 10.8 16.2

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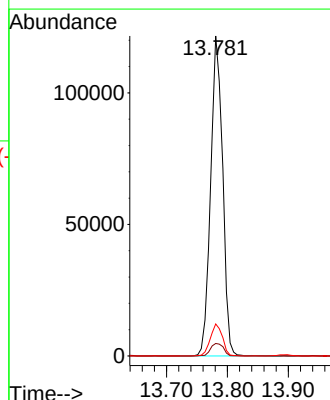
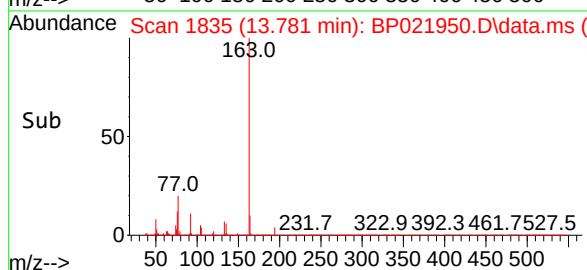
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

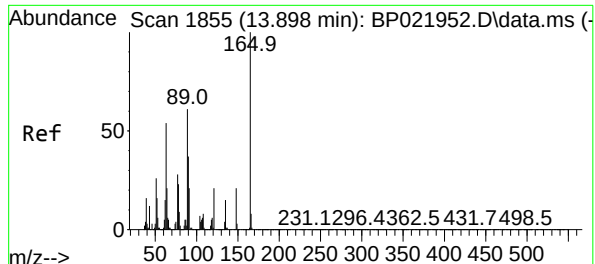


#50
Dimethylphthalate
Concen: 10.221 ng
RT: 13.781 min Scan# 1835
Delta R.T. -0.012 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17



Tgt Ion:163 Resp: 166514
Ion Ratio Lower Upper
163 100
194 3.9 3.6 5.4
164 10.0 8.0 12.0





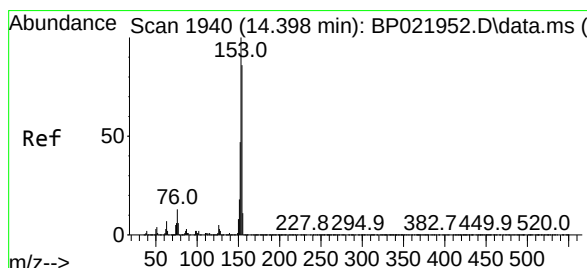
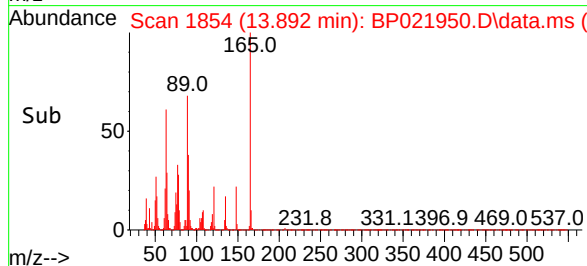
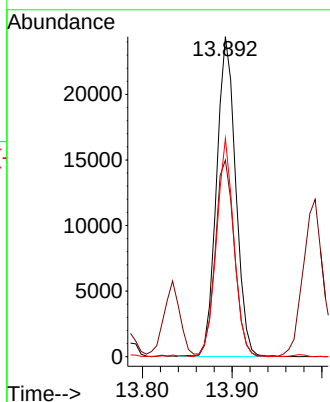
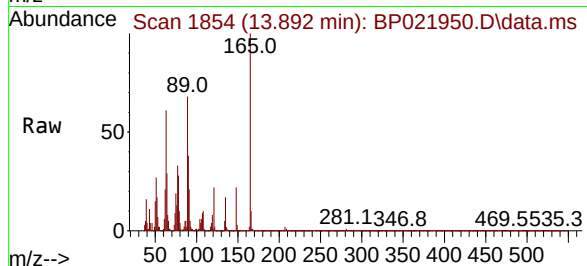
#51
2,6-Dinitrotoluene
Concen: 9.912 ng
RT: 13.892 min Scan# 1854
Delta R.T. -0.006 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 3598
Ion Ratio Lower Upper
165 100
63 61.5 46.4 69.6
89 68.2 48.5 72.7

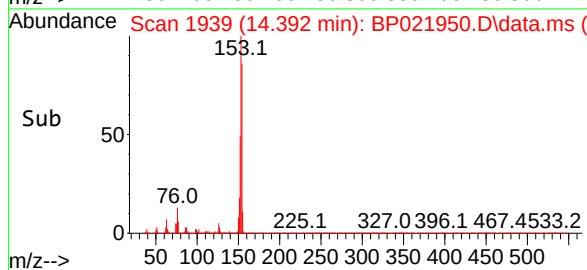
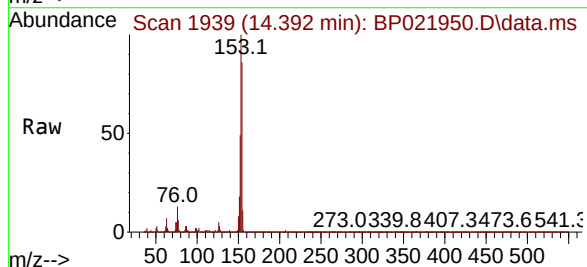
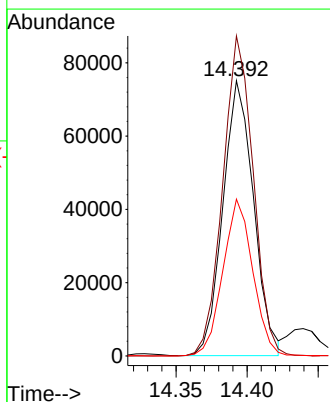
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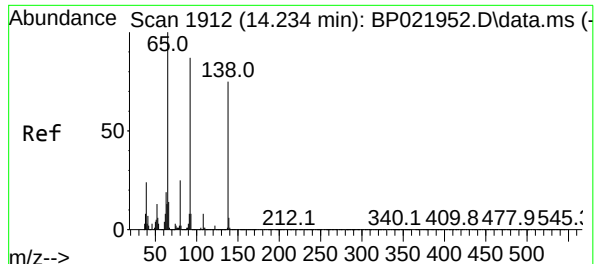
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#52
Acenaphthene
Concen: 9.905 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

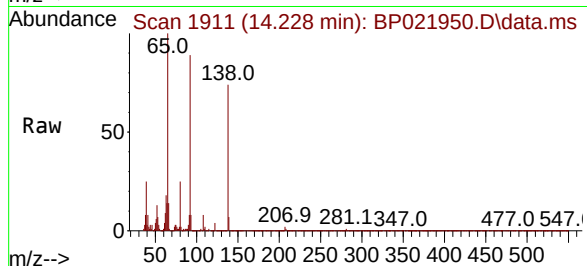
Tgt Ion:154 Resp: 112641
Ion Ratio Lower Upper
154 100
153 116.3 92.7 139.1
152 57.0 43.6 65.4





#53
3-Nitroaniline
Concen: 9.734 ng
RT: 14.228 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

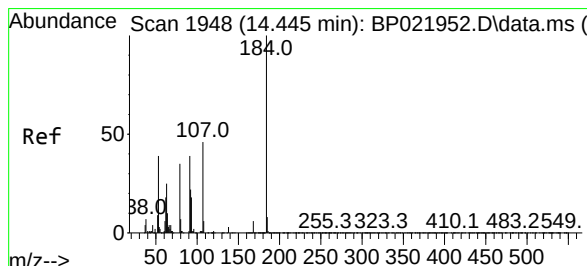
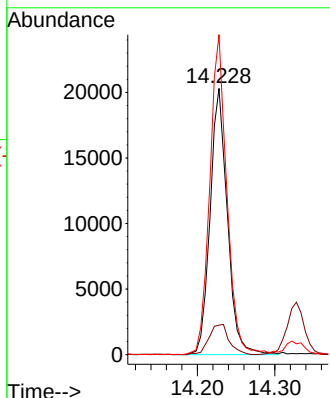
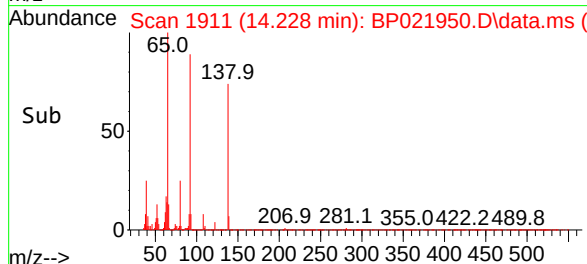
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:138 Resp: 31490
Ion Ratio Lower Upper
138 100
108 11.1 9.0 13.4
92 120.2 92.8 139.2

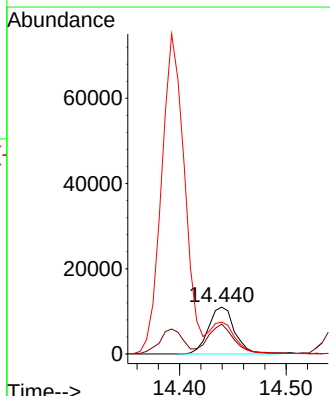
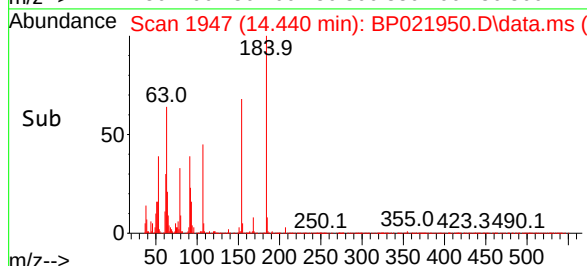
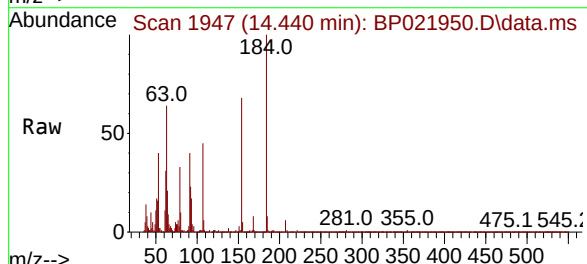
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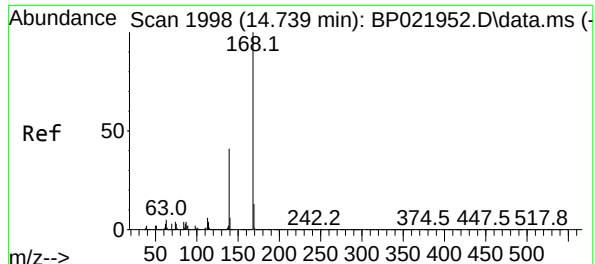
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#54
2,4-Dinitrophenol
Concen: 8.869 ng
RT: 14.440 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

Tgt Ion:184 Resp: 18864
Ion Ratio Lower Upper
184 100
63 64.0 49.0 73.6
154 67.9 58.1 87.1





#55

Dibenzofuran

Concen: 10.281 ng

RT: 14.734 min Scan# 1998

Delta R.T. -0.006 min

Lab File: BP021950.D

Acq: 19 Sep 2024 14:17

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:168 Resp: 196519

Ion Ratio Lower Upper

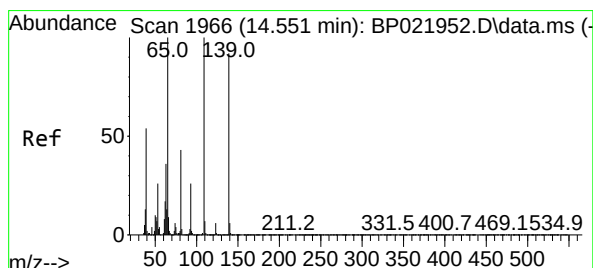
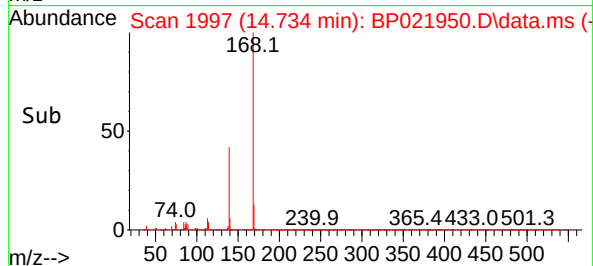
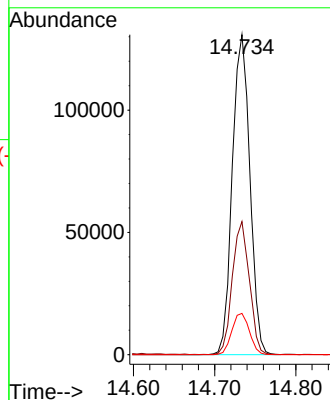
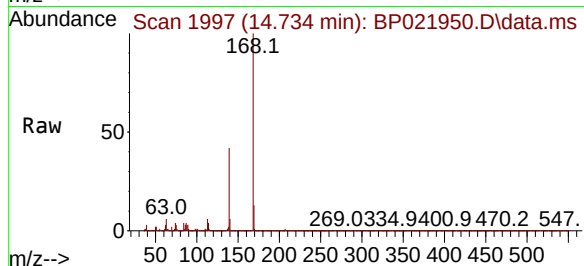
168 100

139 41.6 33.0 49.4

169 12.9 10.7 16.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#56

4-Nitrophenol

Concen: 9.237 ng

RT: 14.545 min Scan# 1965

Delta R.T. -0.006 min

Lab File: BP021950.D

Acq: 19 Sep 2024 14:17

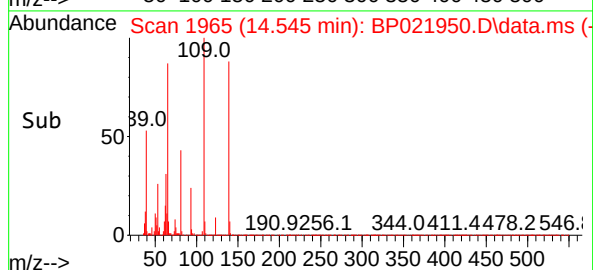
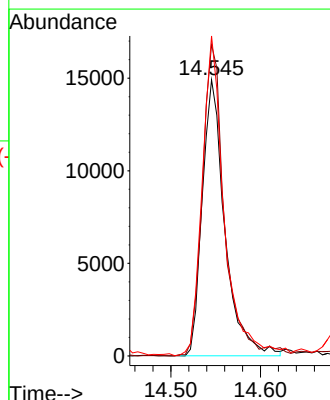
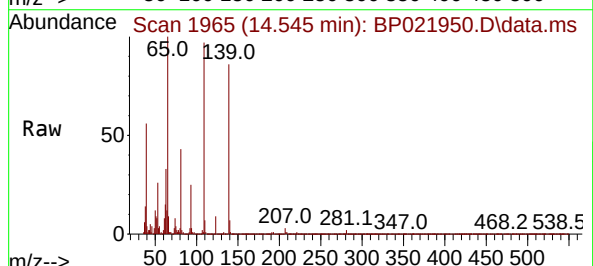
Tgt Ion:139 Resp: 26012

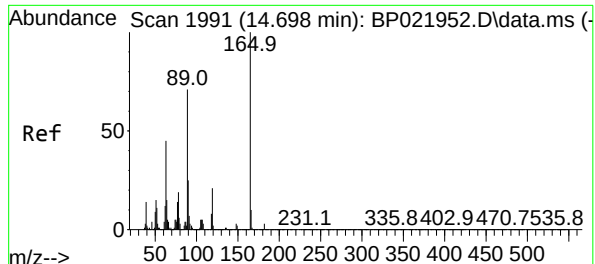
Ion Ratio Lower Upper

139 100

109 112.8 88.6 128.6

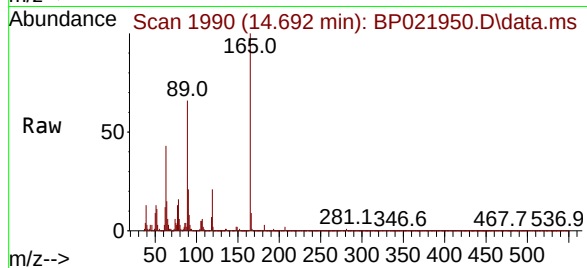
65 115.9 88.7 128.7





#57
2,4-Dinitrotoluene
Concen: 9.654 ng
RT: 14.692 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

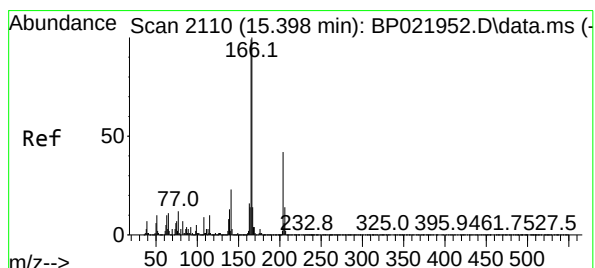
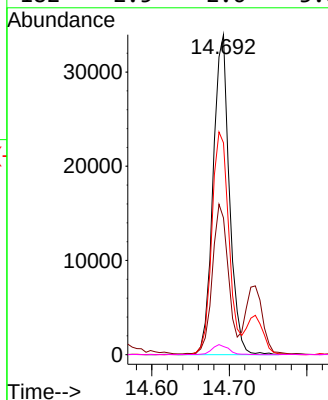
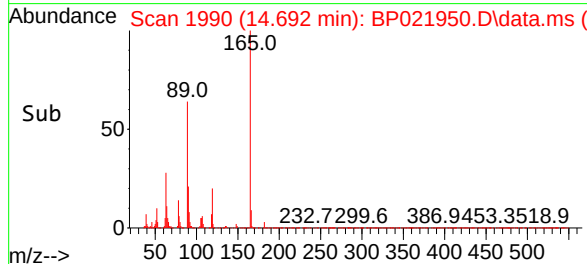
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:165 Resp: 49540
Ion Ratio Lower Upper
165 100
63 42.8 36.3 54.5
89 66.2 57.2 85.8
182 2.5 2.6 3.8#

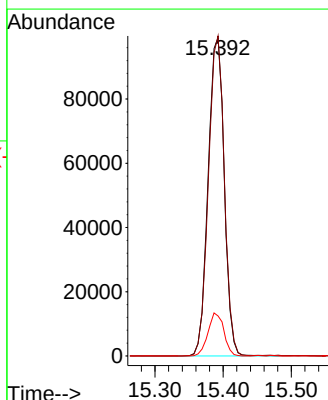
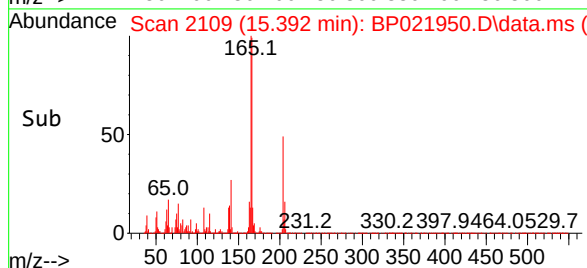
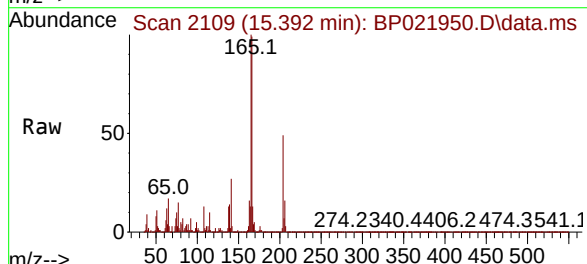
Manual Integrations
APPROVED

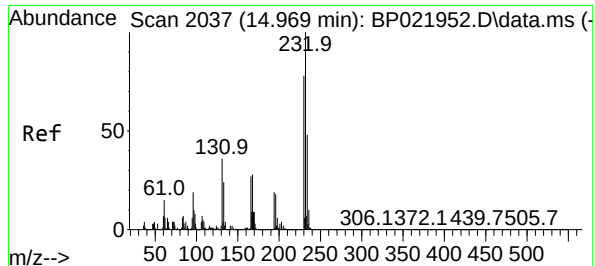
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#58
Fluorene
Concen: 10.182 ng
RT: 15.392 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

Tgt Ion:166 Resp: 162535
Ion Ratio Lower Upper
166 100
165 100.6 79.4 119.2
167 12.6 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 10.102 ng

RT: 14.963 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BP021950.D

Acq: 19 Sep 2024 14:17

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:232 Resp: 5275

Ion Ratio Lower Upper

232 100

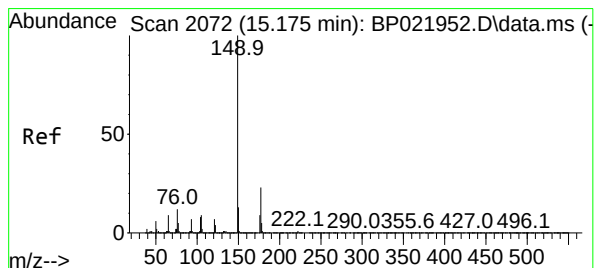
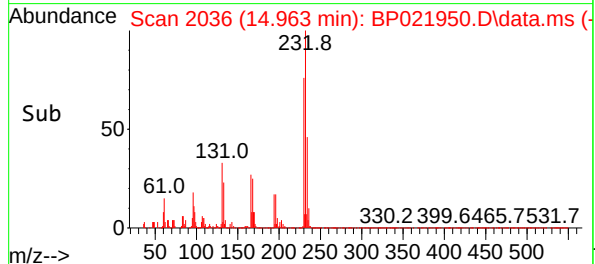
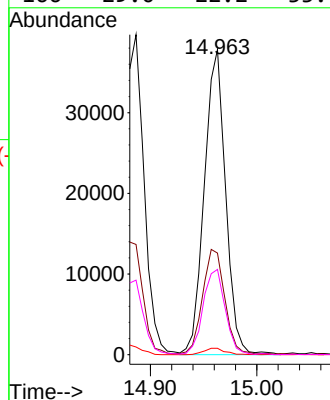
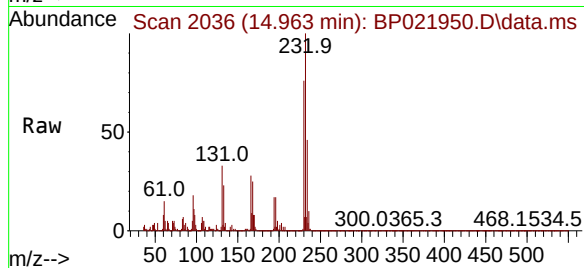
131 35.8 30.2 45.4

130 2.2 1.9 2.9

166 29.0 22.2 33.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#60

Diethylphthalate

Concen: 10.187 ng

RT: 15.169 min Scan# 2071

Delta R.T. -0.006 min

Lab File: BP021950.D

Acq: 19 Sep 2024 14:17

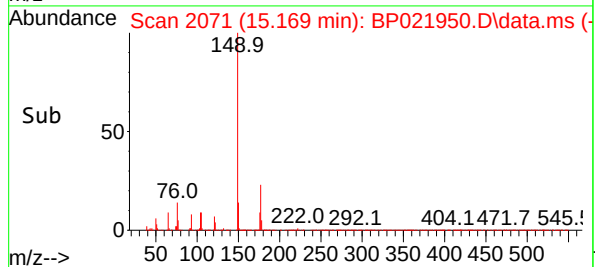
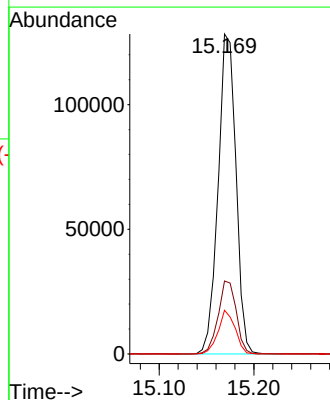
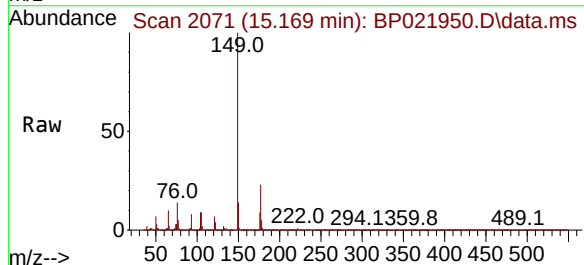
Tgt Ion:149 Resp: 168635

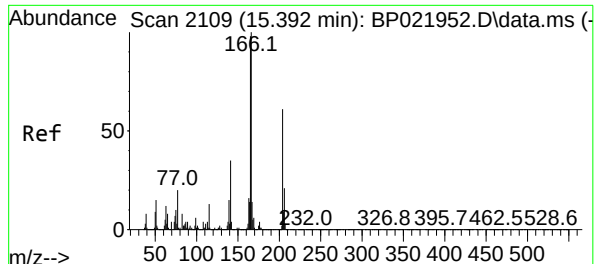
Ion Ratio Lower Upper

149 100

177 22.8 18.2 27.4

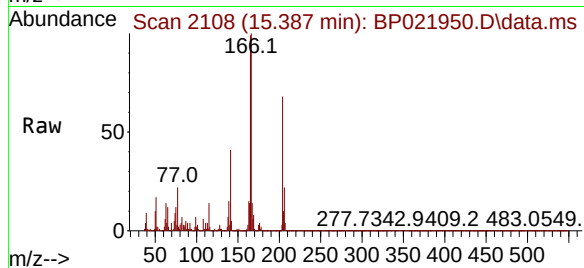
150 13.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 10.199 ng
RT: 15.387 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

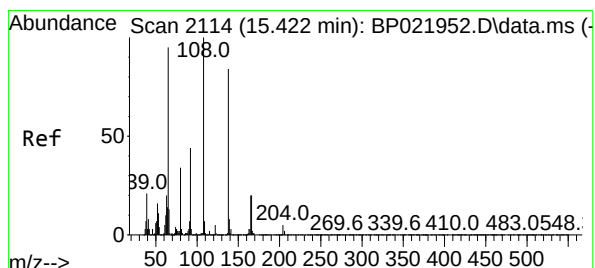
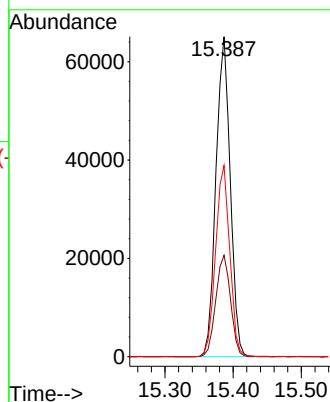
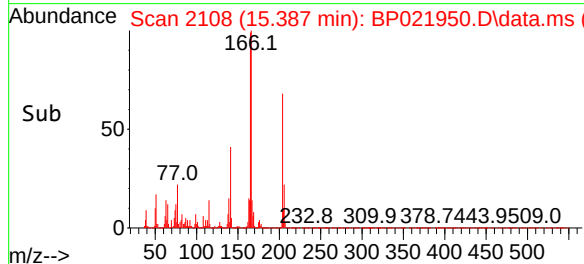
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



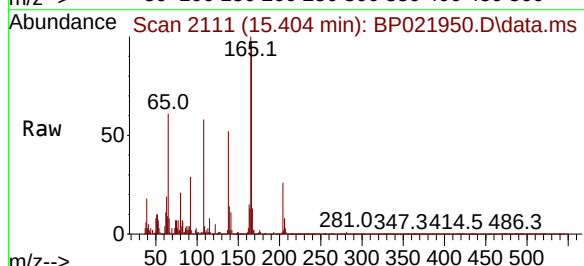
Tgt Ion:204 Resp: 94789
Ion Ratio Lower Upper
204 100
206 31.7 27.3 40.9
141 59.7 45.7 68.5

Manual Integrations
APPROVED

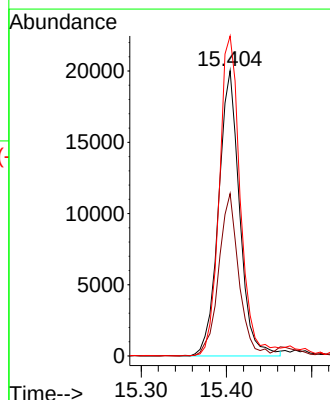
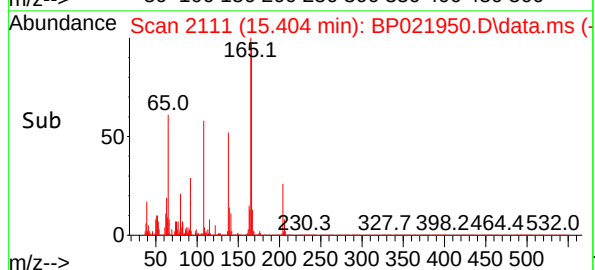
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

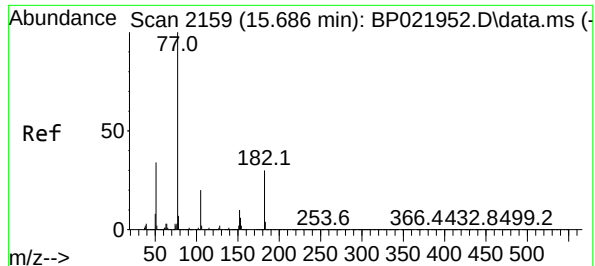


#62
4-Nitroaniline
Concen: 9.736 ng
RT: 15.404 min Scan# 2111
Delta R.T. -0.018 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17



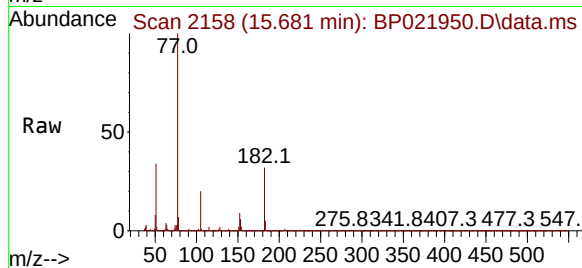
Tgt Ion:138 Resp: 34396
Ion Ratio Lower Upper
138 100
92 56.9 32.6 72.6
108 112.2 98.6 138.6





#63
Azobenzene
Concen: 10.246 ng
RT: 15.681 min Scan# 2158
Delta R.T. -0.006 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

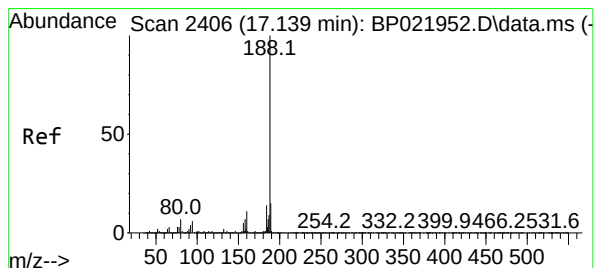
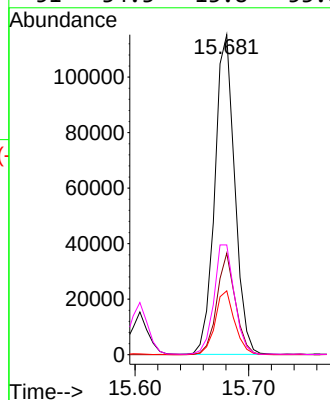
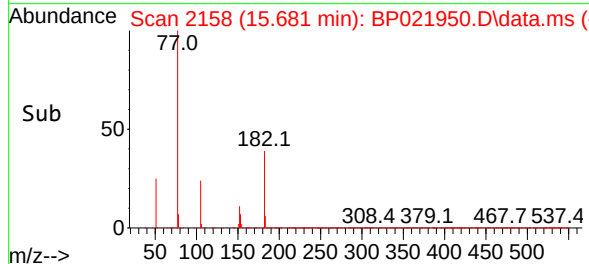
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 77 Resp: 14035
Ion Ratio Lower Upper
77 100
182 31.7 9.6 49.6
105 19.9 0.0 39.8
51 34.3 13.8 53.8

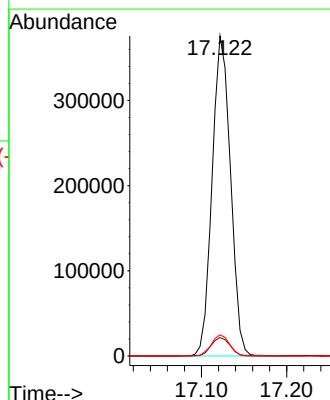
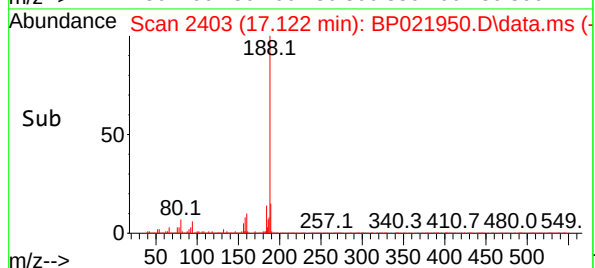
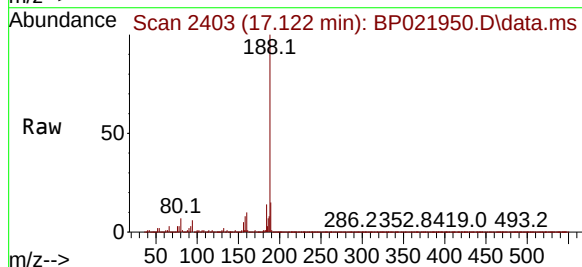
Manual Integrations
APPROVED

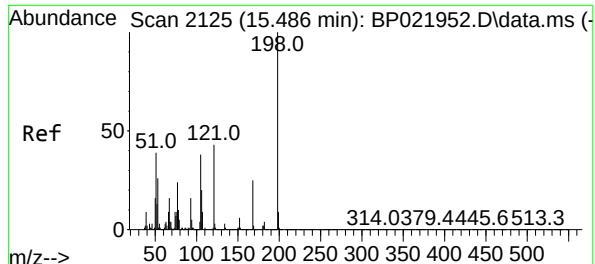
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.122 min Scan# 2403
Delta R.T. -0.018 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

Tgt Ion:188 Resp: 562631
Ion Ratio Lower Upper
188 100
94 5.8 4.6 6.8
80 6.6 5.4 8.2





#65

4,6-Dinitro-2-methylphenol

Concen: 9.136 ng

RT: 15.475 min Scan# 2123

Delta R.T. -0.012 min

Lab File: BP021950.D

Acq: 19 Sep 2024 14:17

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:198 Resp: 2979

Ion Ratio Lower Upper

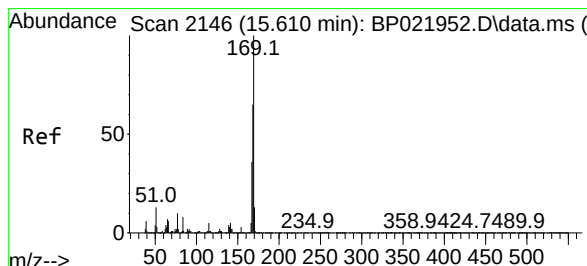
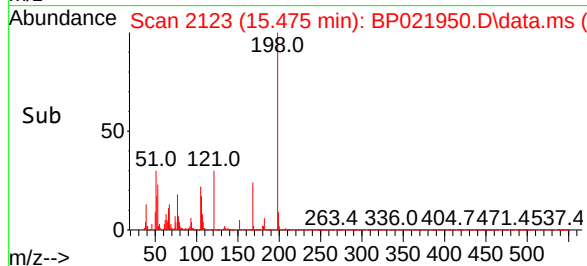
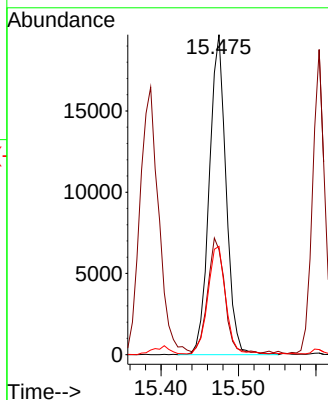
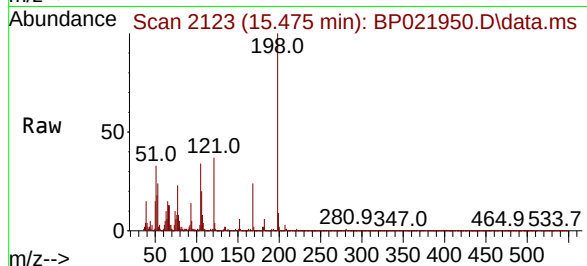
198 100

51 32.8 20.7 60.7

105 33.8 18.4 58.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#66

n-Nitrosodiphenylamine

Concen: 9.992 ng

RT: 15.604 min Scan# 2145

Delta R.T. -0.006 min

Lab File: BP021950.D

Acq: 19 Sep 2024 14:17

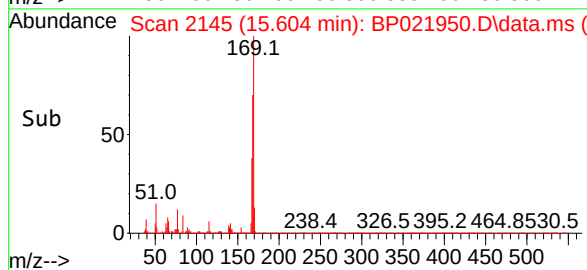
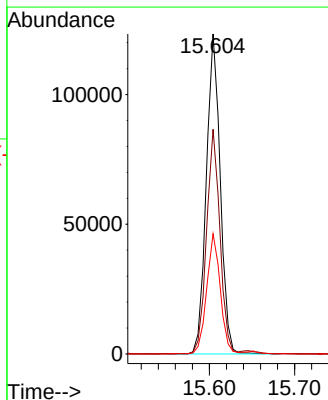
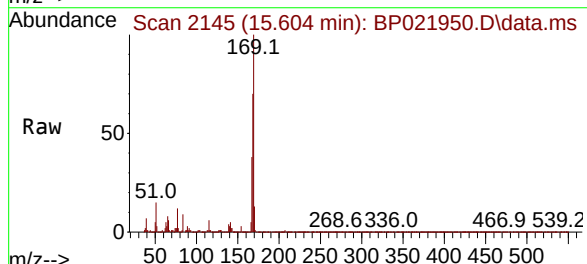
Tgt Ion:169 Resp: 139987

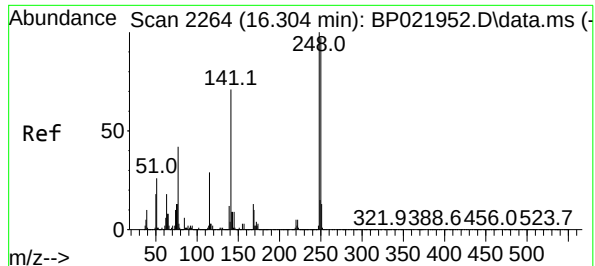
Ion Ratio Lower Upper

169 100

168 70.2 52.2 78.4

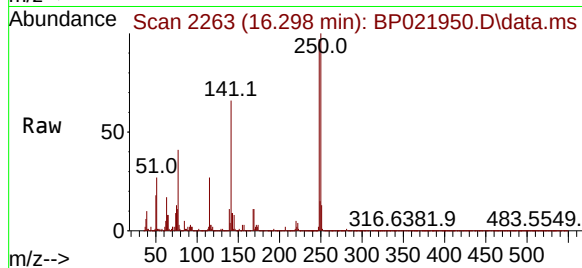
167 37.6 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 9.820 ng
RT: 16.298 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

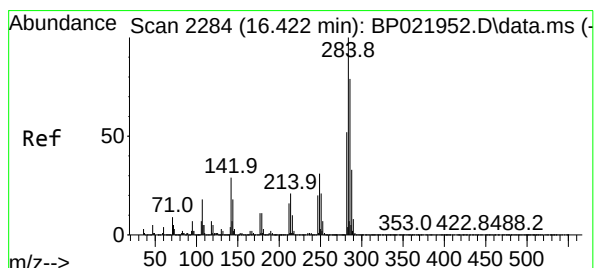
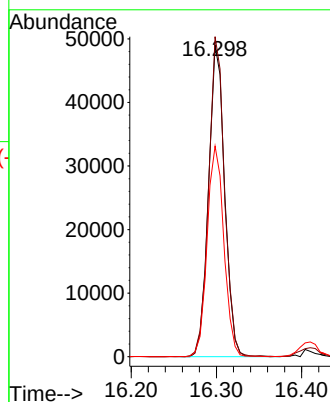
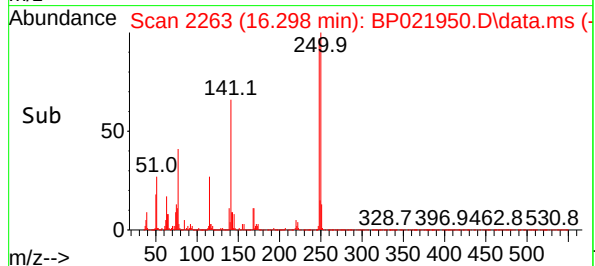
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:248 Resp: 64408
Ion Ratio Lower Upper
248 100
250 102.7 77.5 116.3
141 67.6 56.5 84.7

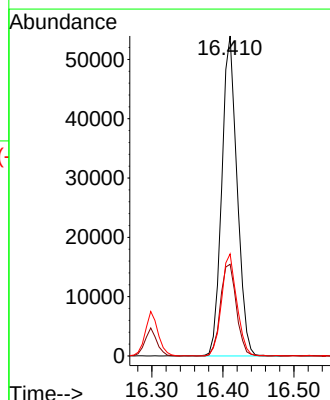
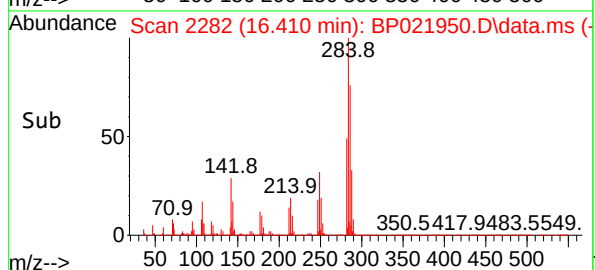
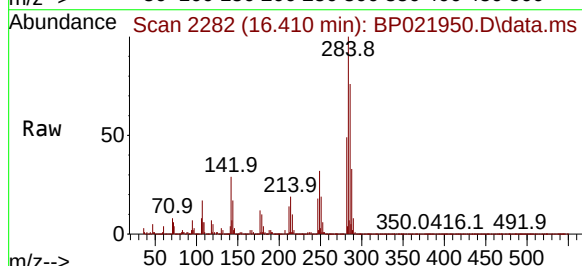
Manual Integrations
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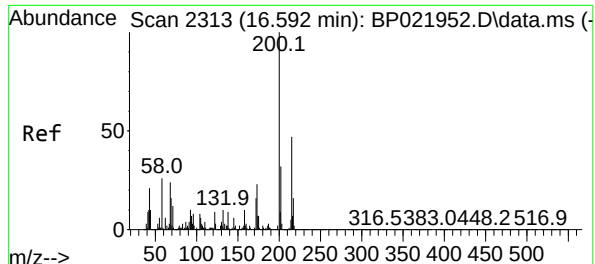
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#68
Hexachlorobenzene
Concen: 9.825 ng
RT: 16.410 min Scan# 2282
Delta R.T. -0.012 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

Tgt Ion:284 Resp: 80337
Ion Ratio Lower Upper
284 100
142 28.6 22.9 34.3
249 31.9 25.2 37.8





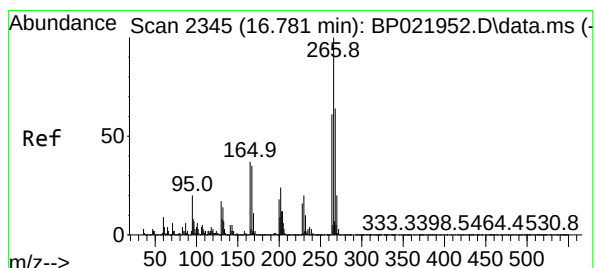
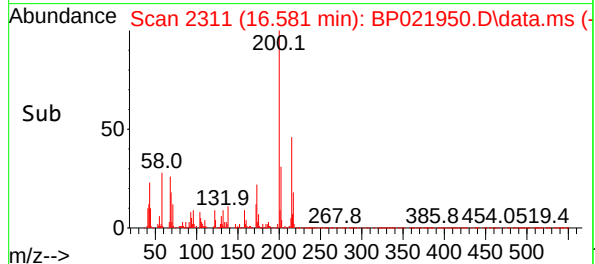
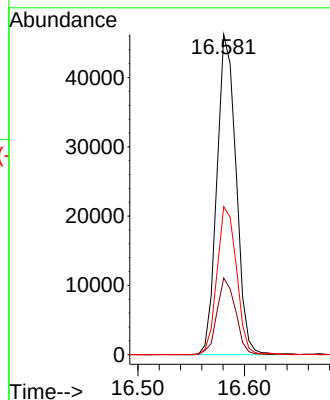
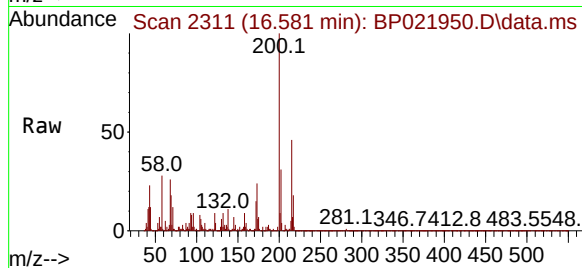
#69
Atrazine
Concen: 11.484 ng
RT: 16.581 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:200 Resp: 5764
Ion Ratio Lower Upper
200 100
173 23.9 3.0 43.0
215 46.3 27.4 67.4

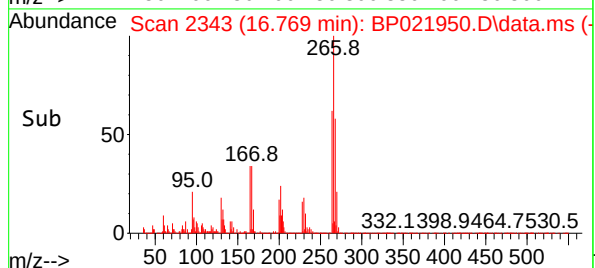
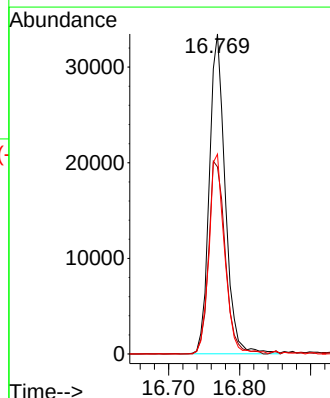
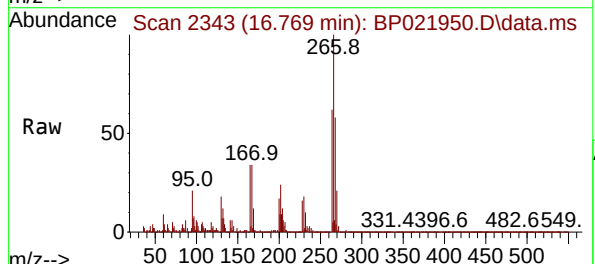
Manual Integrations
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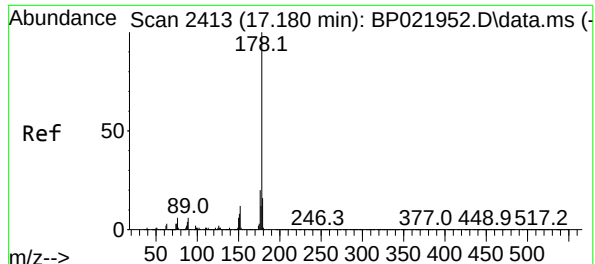
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#70
Pentachlorophenol
Concen: 9.437 ng
RT: 16.769 min Scan# 2343
Delta R.T. -0.012 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

Tgt Ion:266 Resp: 51919
Ion Ratio Lower Upper
266 100
268 58.4 51.1 76.7
264 62.5 48.6 72.8





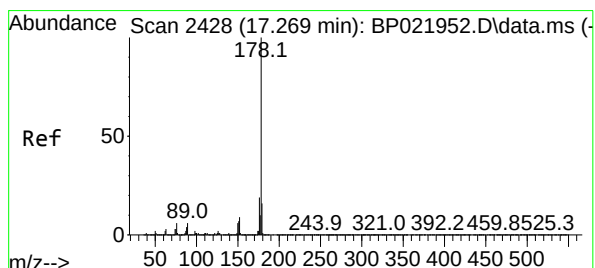
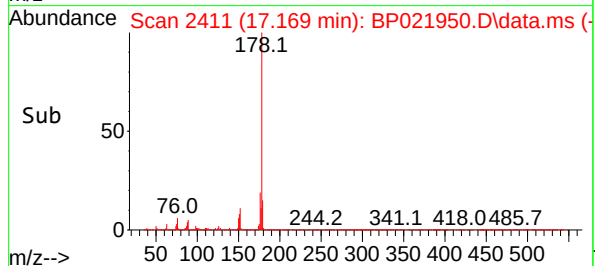
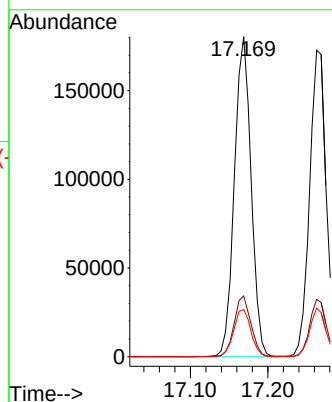
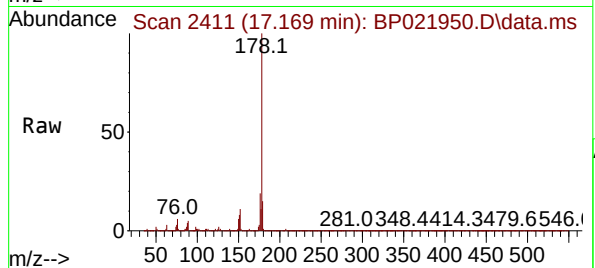
#71
Phenanthrene
Concen: 10.021 ng
RT: 17.169 min Scan# 2411
Delta R.T. -0.012 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 27064
Ion Ratio Lower Upper
178 100
176 19.0 15.9 23.9
179 14.7 12.5 18.7

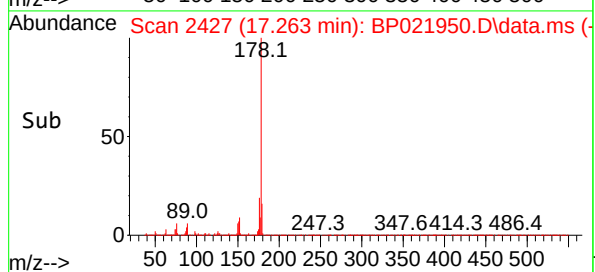
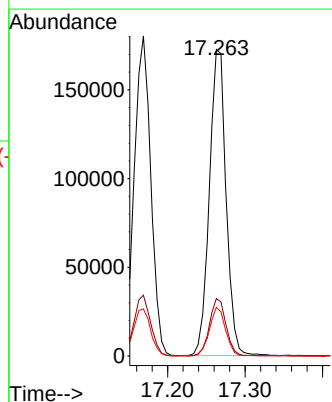
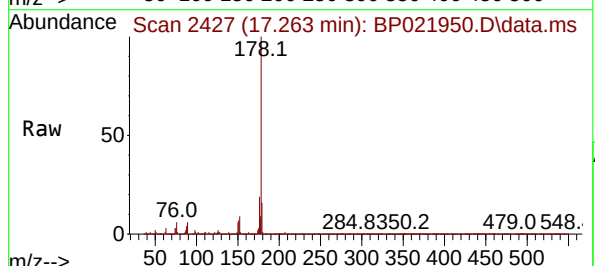
Manual Integrations
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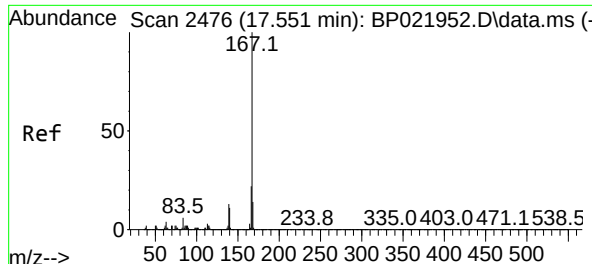
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#72
Anthracene
Concen: 9.891 ng
RT: 17.263 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

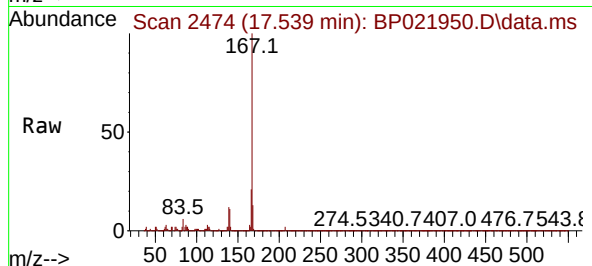
Tgt Ion:178 Resp: 258584
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.9 12.6 18.8





#73
Carbazole
Concen: 10.056 ng
RT: 17.539 min Scan# 2476
Delta R.T. -0.012 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

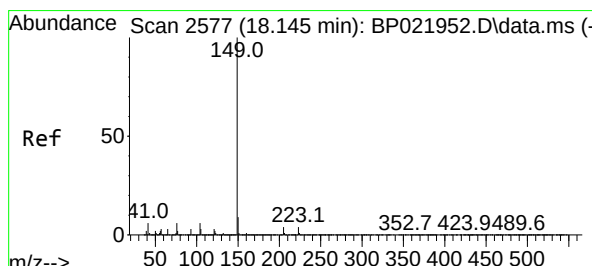
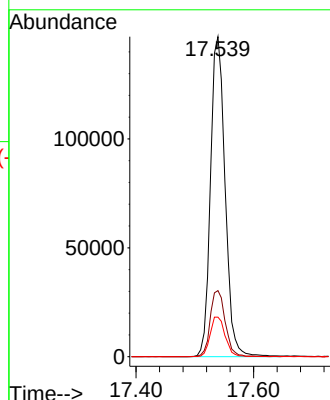
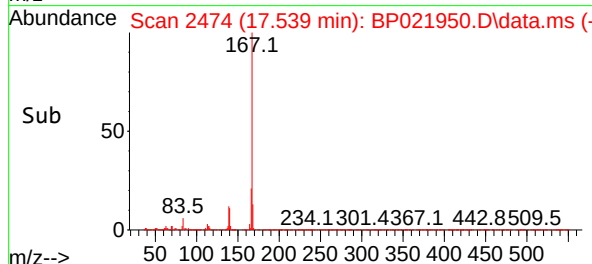
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:167 Resp: 253938
Ion Ratio Lower Upper
167 100
166 20.6 17.4 26.0
139 12.4 10.5 15.7

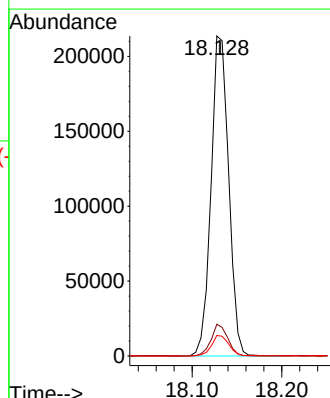
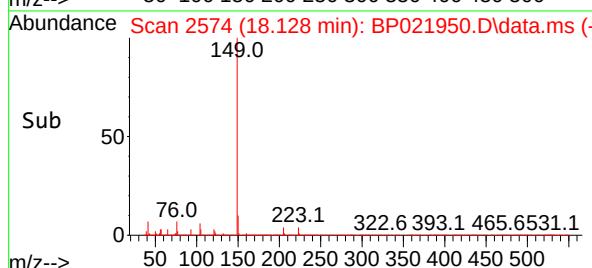
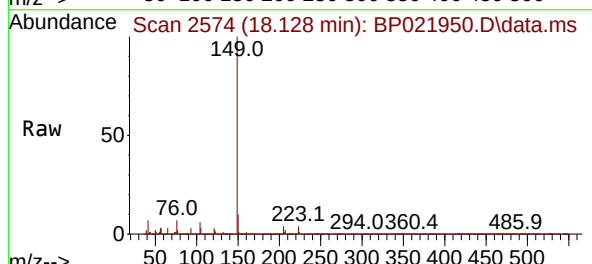
Manual Integrations
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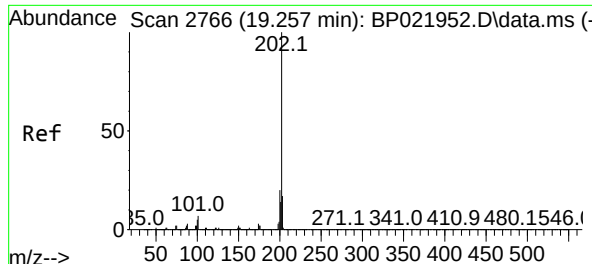
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#74
Di-n-butylphthalate
Concen: 9.843 ng
RT: 18.128 min Scan# 2574
Delta R.T. -0.018 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

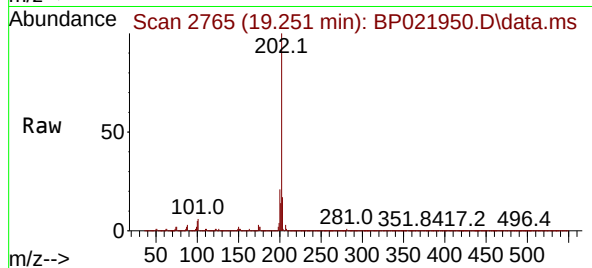
Tgt Ion:149 Resp: 291914
Ion Ratio Lower Upper
149 100
150 9.9 7.3 10.9
104 6.4 4.6 6.8





#75
Fluoranthene
Concen: 10.199 ng
RT: 19.251 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

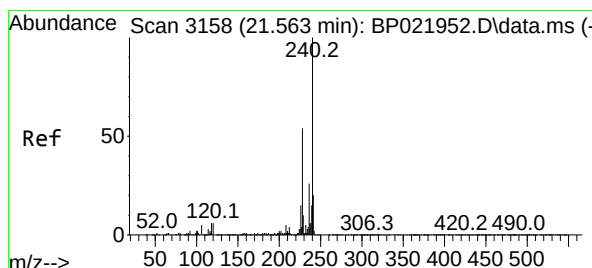
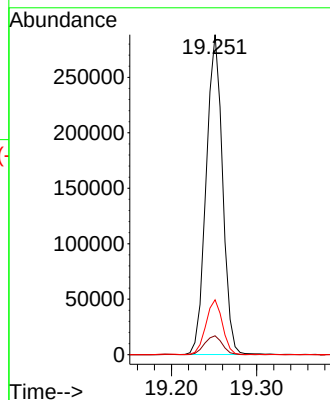
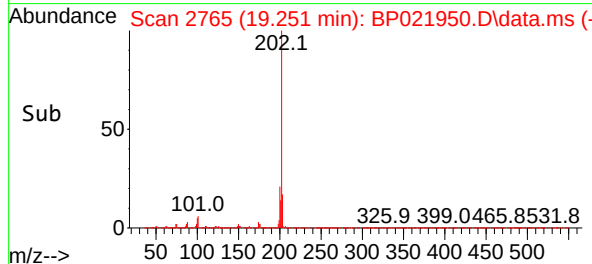
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:202 Resp: 384500
Ion Ratio Lower Upper
202 100
101 5.9 0.0 26.5
203 17.2 0.0 37.3

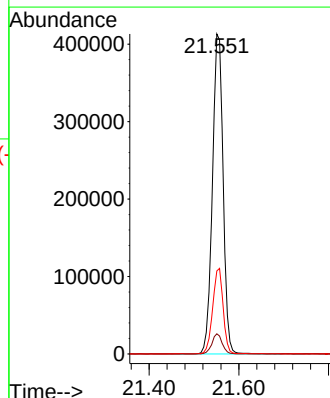
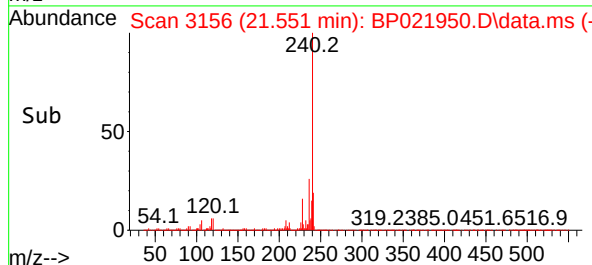
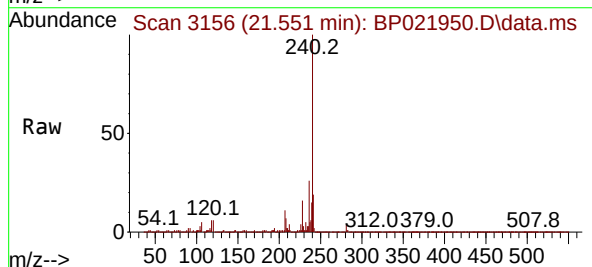
Manual Integrations
APPROVED

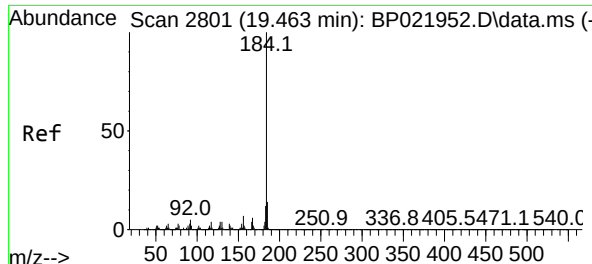
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.551 min Scan# 3156
Delta R.T. -0.012 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

Tgt Ion:240 Resp: 682089
Ion Ratio Lower Upper
240 100
120 6.3 5.1 7.7
236 26.0 20.7 31.1





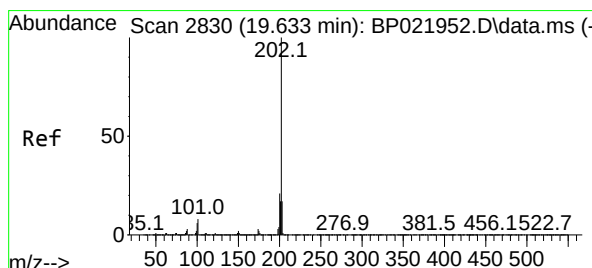
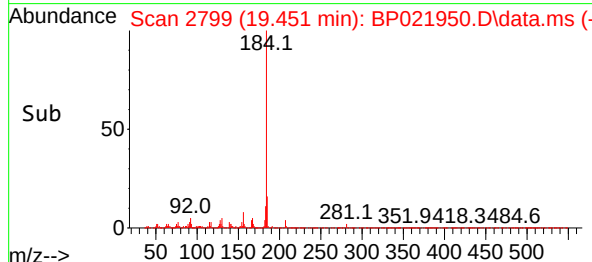
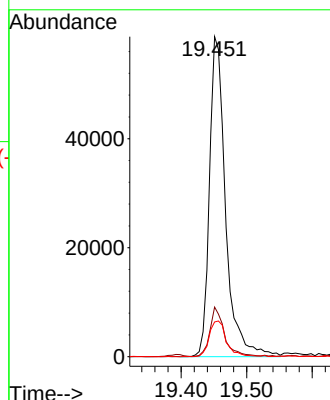
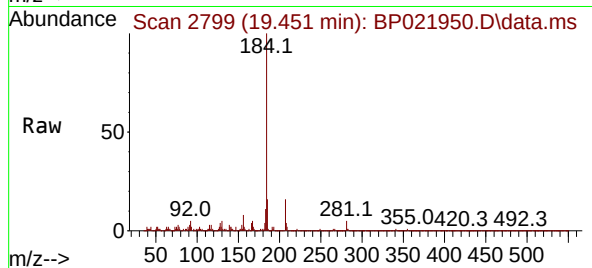
#77
Benzidine
Concen: 12.060 ng
RT: 19.451 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:184 Resp: 10052
Ion Ratio Lower Upper
184 100
185 15.5 10.9 16.3
183 10.9 9.2 13.8

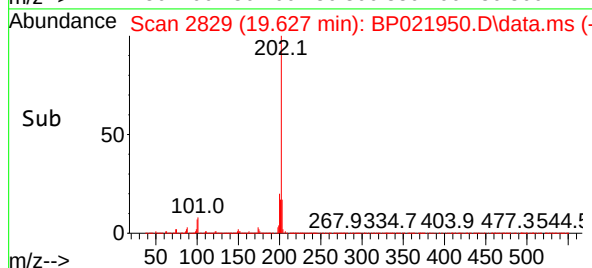
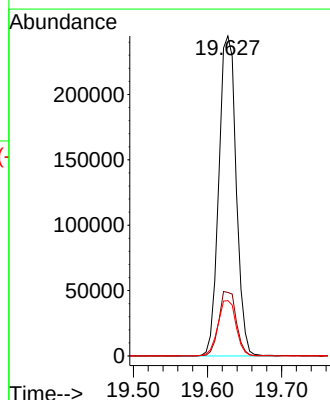
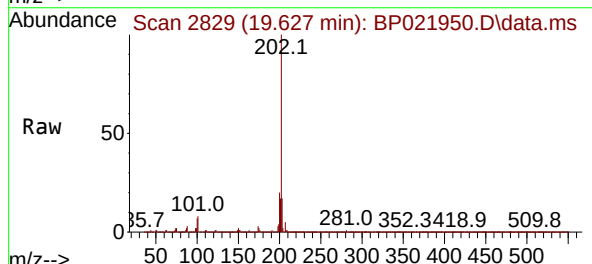
Manual Integrations
APPROVED

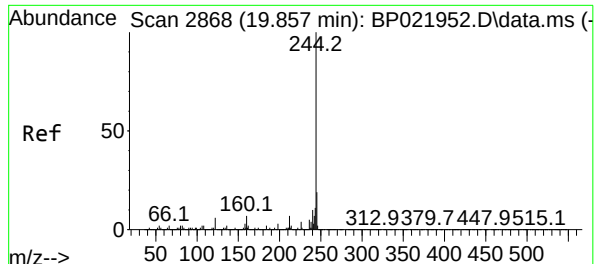
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#78
Pyrene
Concen: 9.636 ng
RT: 19.627 min Scan# 2829
Delta R.T. -0.006 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

Tgt Ion:202 Resp: 397591
Ion Ratio Lower Upper
202 100
200 19.8 16.8 25.2
203 17.3 13.8 20.8





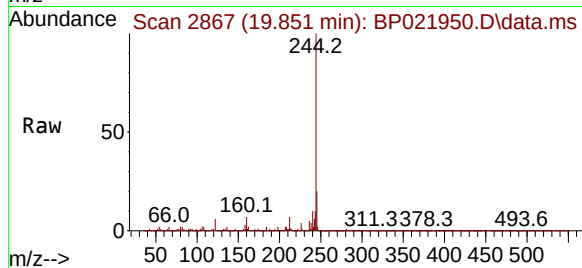
#79
Terphenyl-d14
Concen: 19.526 ng
RT: 19.851 min Scan# 2868
Delta R.T. -0.006 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

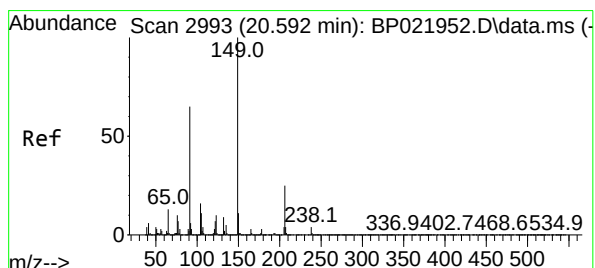
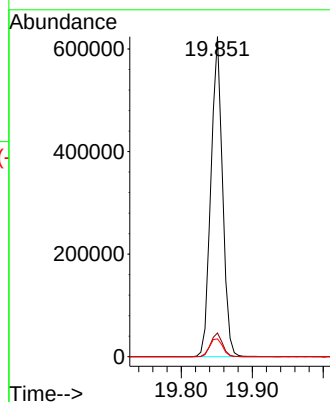
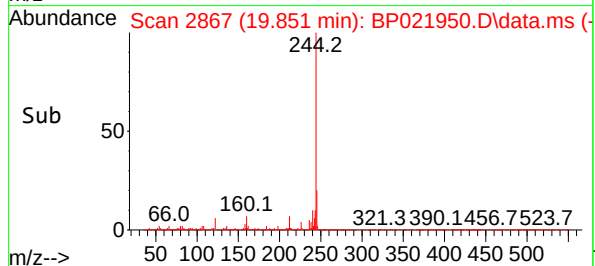


Tgt Ion:244 Resp: 709019
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 5.5 5.0 7.4

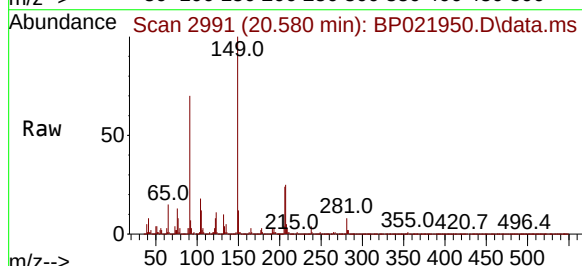
Manual Integrations

APPROVED

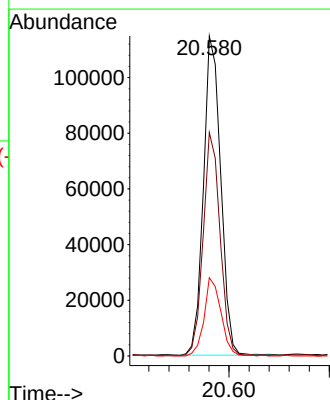
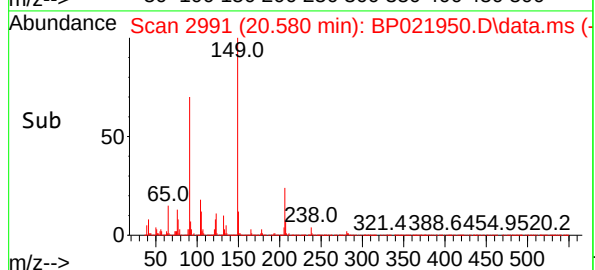
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

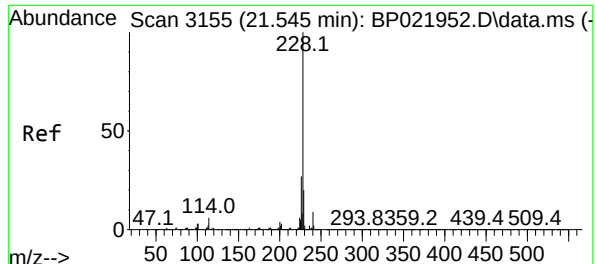


#80
Butylbenzylphthalate
Concen: 9.335 ng
RT: 20.580 min Scan# 2991
Delta R.T. -0.012 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17



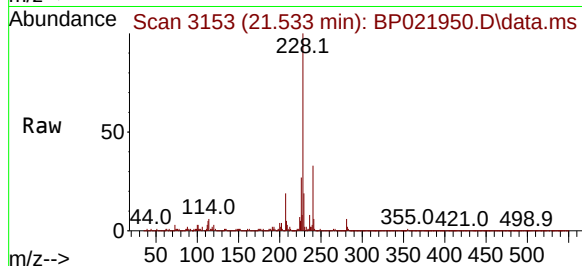
Tgt Ion:149 Resp: 137389
Ion Ratio Lower Upper
149 100
91 69.8 51.9 77.9
206 24.5 20.1 30.1





#81
Benzo(a)anthracene
Concen: 9.804 ng
RT: 21.533 min Scan# 3153
Delta R.T. -0.012 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

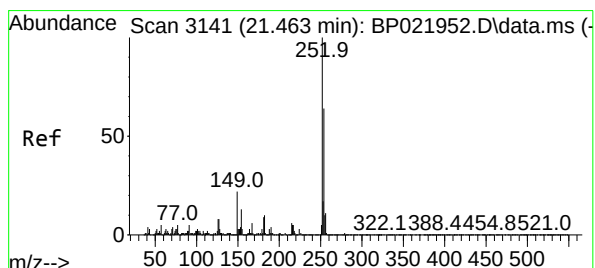
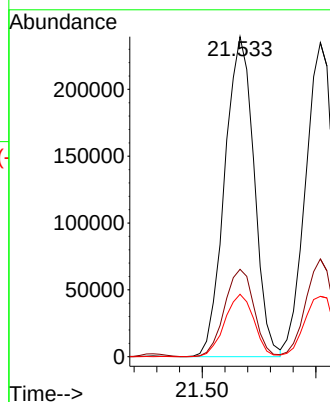
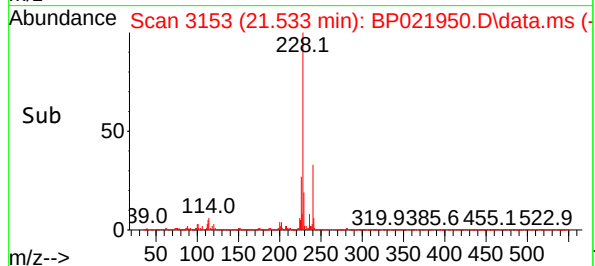
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:228 Resp: 429700
Ion Ratio Lower Upper
228 100
226 27.3 21.5 32.3
229 19.5 15.7 23.5

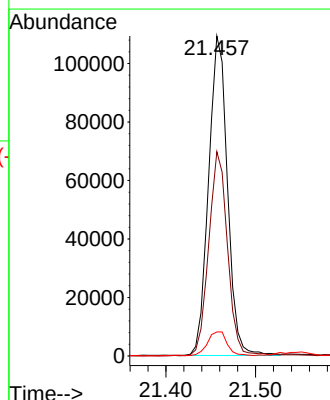
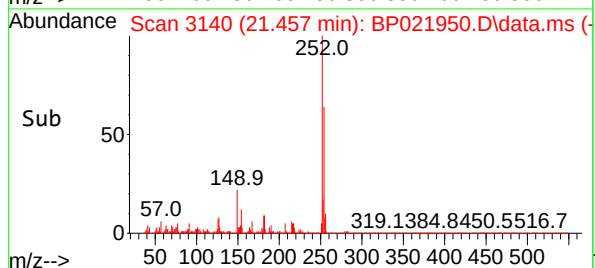
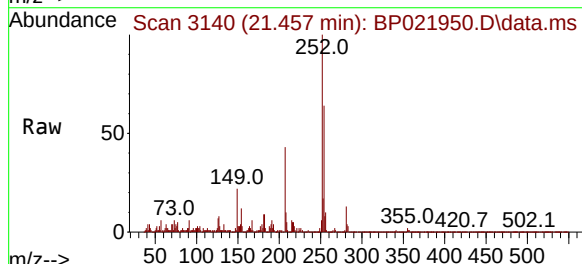
Manual Integrations
APPROVED

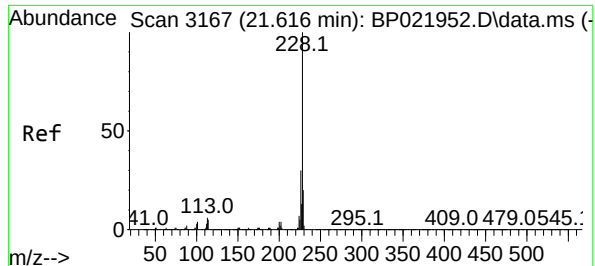
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#82
3,3'-Dichlorobenzidine
Concen: 10.051 ng
RT: 21.457 min Scan# 3140
Delta R.T. -0.006 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

Tgt Ion:252 Resp: 159827
Ion Ratio Lower Upper
252 100
254 63.9 51.4 77.2
126 7.5 6.2 9.4





#83

Chrysene

Concen: 9.777 ng

RT: 21.604 min Scan# 3165

Delta R.T. -0.012 min

Lab File: BP021950.D

Acq: 19 Sep 2024 14:17

Instrument :

BNA_P

ClientSampleId :

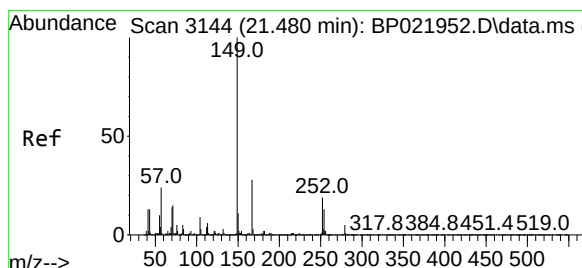
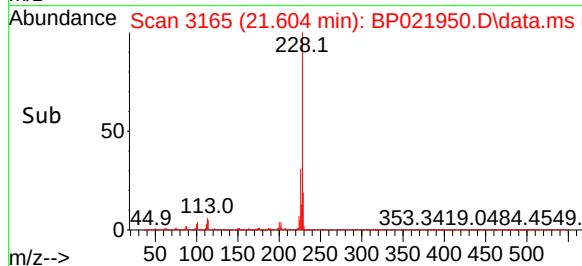
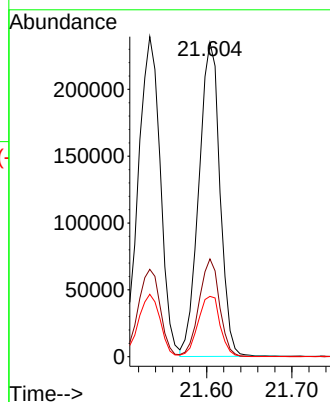
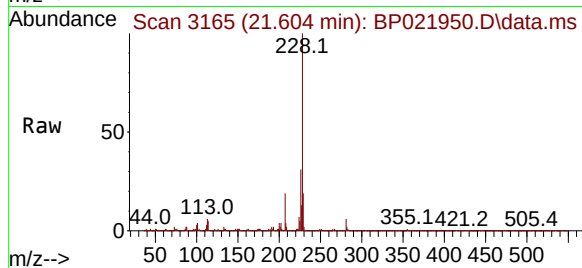
SSTDICC010

Tgt Ion:	228	Resp:	40344
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.2	36.4
229	19.2	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.642 ng

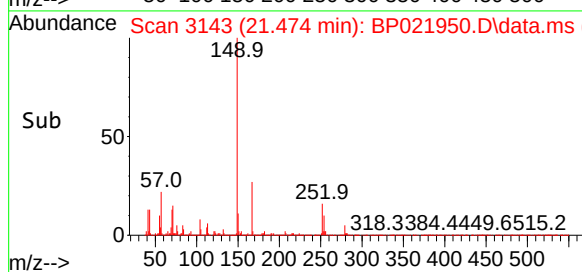
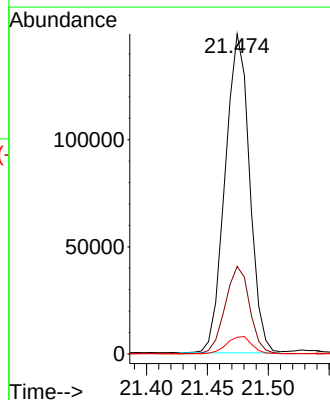
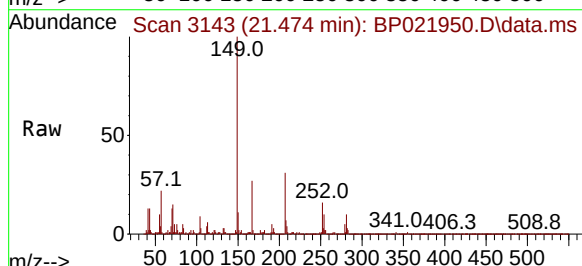
RT: 21.474 min Scan# 3143

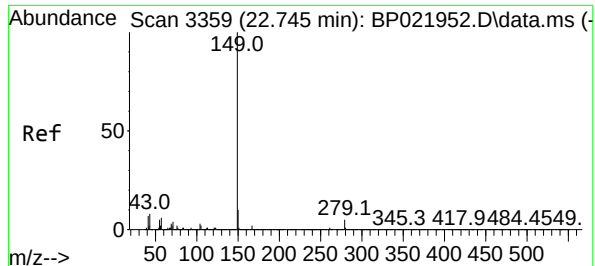
Delta R.T. -0.006 min

Lab File: BP021950.D

Acq: 19 Sep 2024 14:17

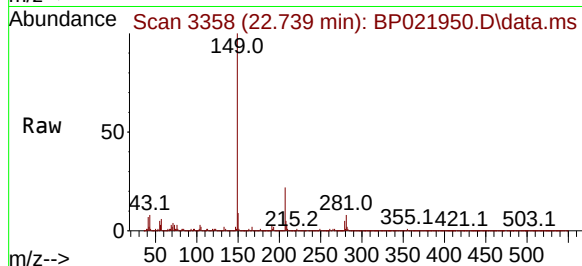
Tgt Ion:	149	Resp:	208260
Ion Ratio	Lower	Upper	
149	100		
167	27.3	22.3	33.5
279	5.2	4.2	6.2





#85
Di-n-octyl phthalate
Concen: 9.340 ng
RT: 22.739 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

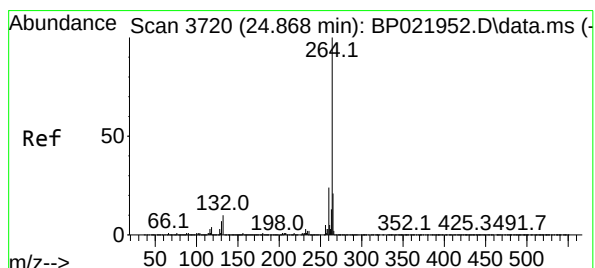
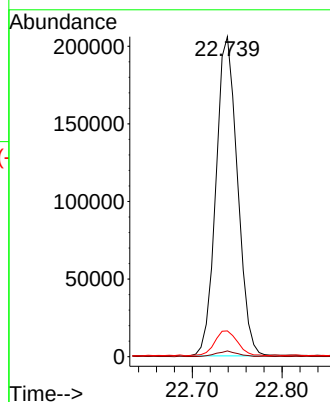
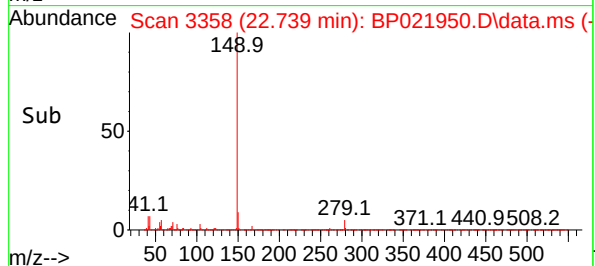
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:149 Resp: 342652
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 8.2 6.2 9.4

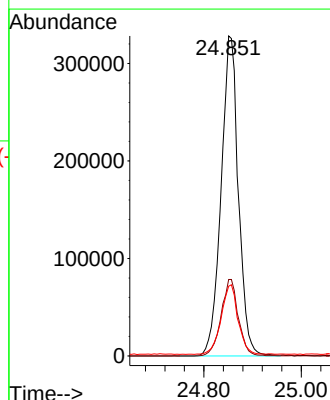
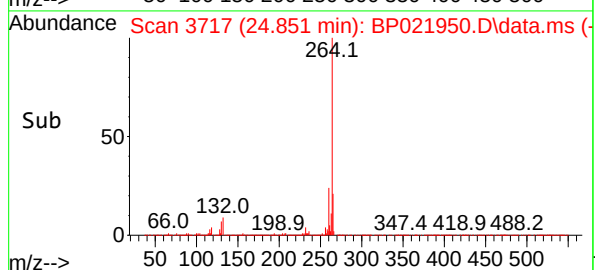
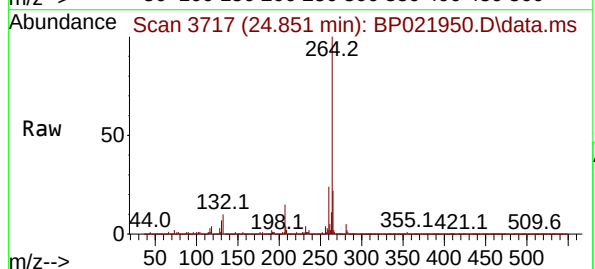
Manual Integrations
APPROVED

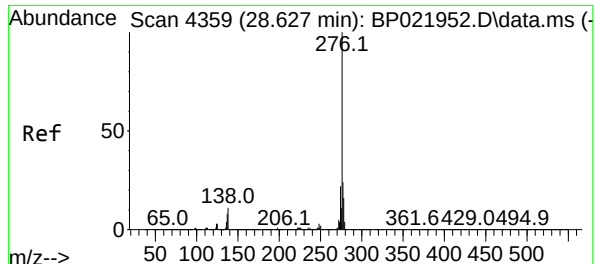
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.851 min Scan# 3717
Delta R.T. -0.018 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

Tgt Ion:264 Resp: 811032
Ion Ratio Lower Upper
264 100
260 23.9 18.9 28.3
265 21.8 17.5 26.3





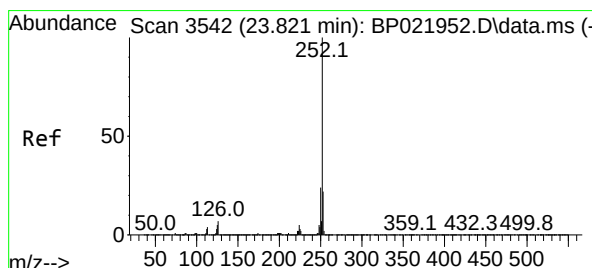
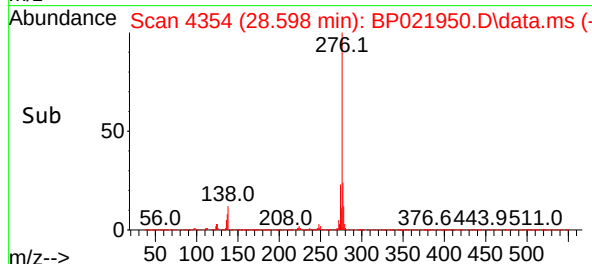
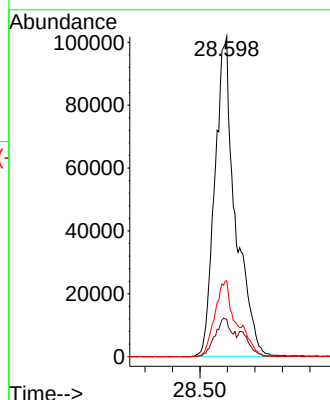
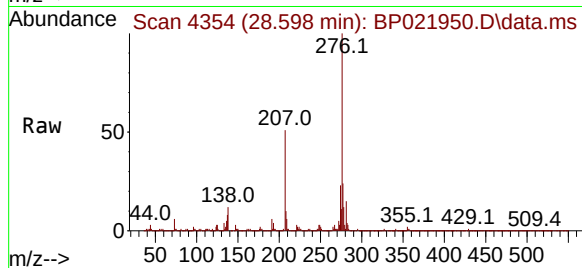
#87
Indeno(1,2,3-cd)pyrene
Concen: 9.787 ng
RT: 28.598 min Scan# 41
Delta R.T. -0.029 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 276 Resp: 52795
Ion Ratio Lower Upper
276 100
138 10.1 7.8 11.8
277 20.9 20.5 30.7

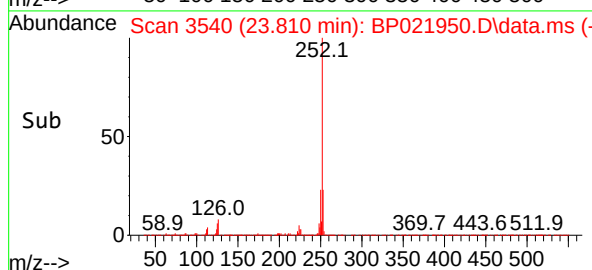
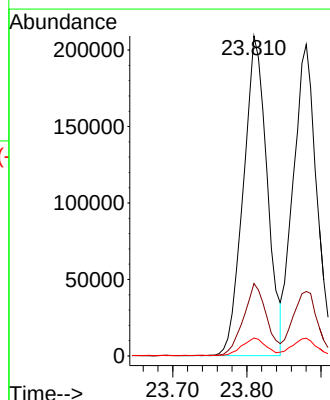
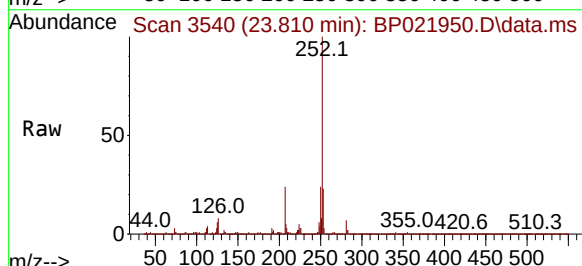
Manual Integrations
APPROVED

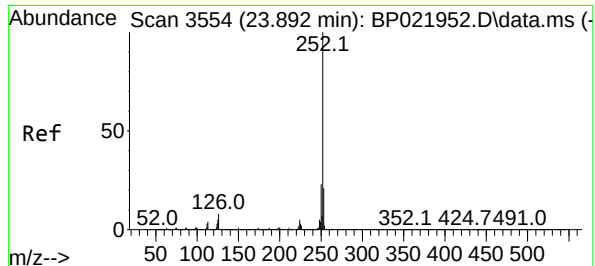
Reviewed By : Jagrut Upadhyay 09/20/2024
Supervised By : mohammad ahmed 09/22/2024



#88
Benzo(b)fluoranthene
Concen: 9.722 ng
RT: 23.810 min Scan# 3540
Delta R.T. -0.012 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

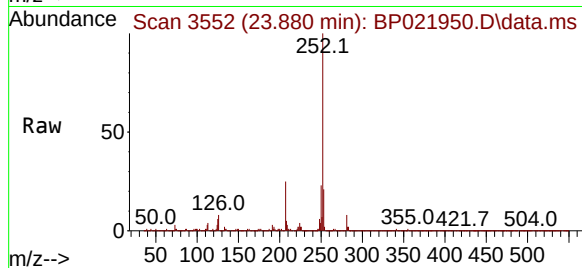
Tgt Ion: 252 Resp: 466320
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.0
125 5.6 4.2 6.2





#89
Benzo(k)fluoranthene
Concen: 9.816 ng
RT: 23.880 min Scan# 3552
Delta R.T. -0.012 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

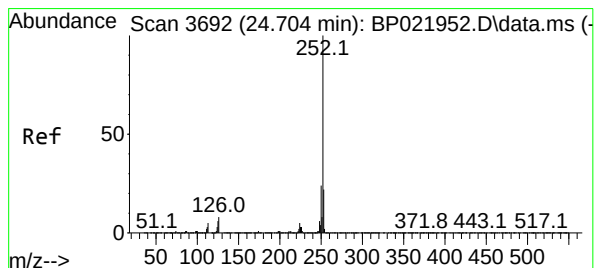
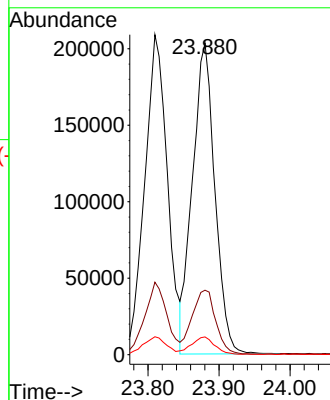
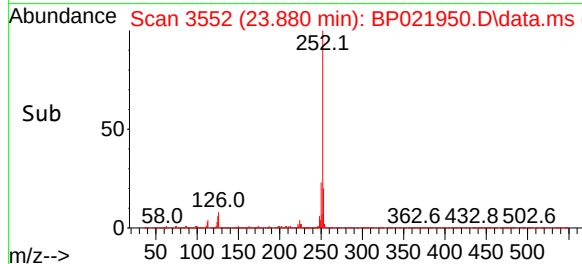
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:252 Resp: 445552
Ion Ratio Lower Upper
252 100
253 20.7 17.0 25.6
125 5.7 4.3 6.5

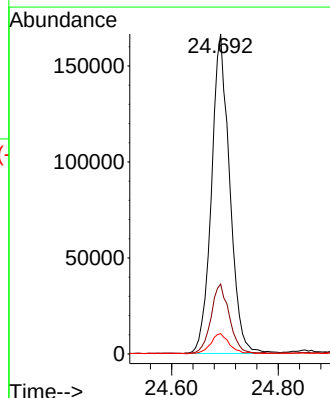
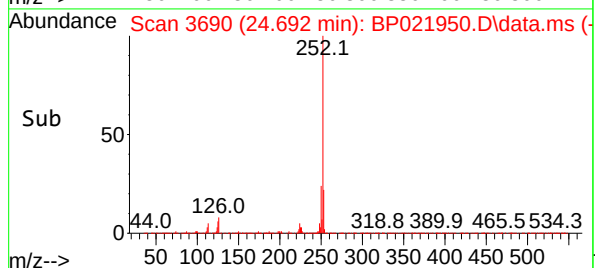
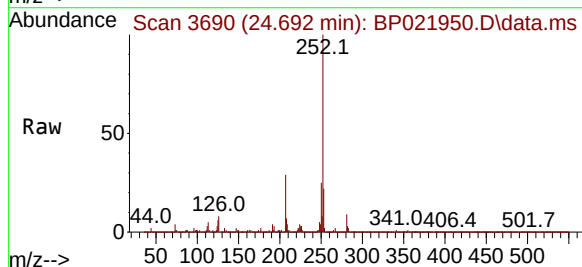
Manual Integrations
APPROVED

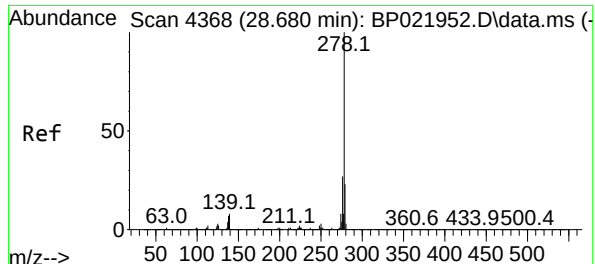
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#90
Benzo(a)pyrene
Concen: 9.572 ng
RT: 24.692 min Scan# 3690
Delta R.T. -0.012 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

Tgt Ion:252 Resp: 395520
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 6.3 5.0 7.6





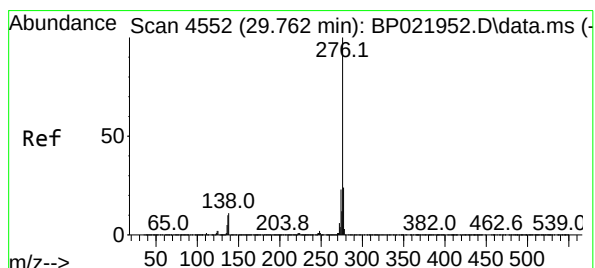
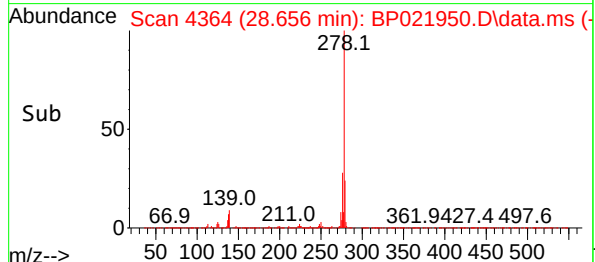
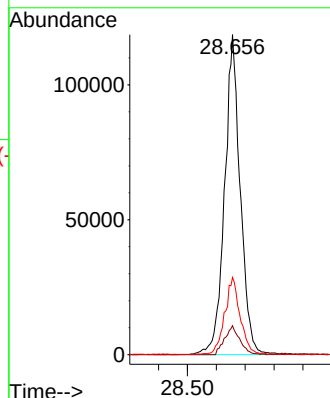
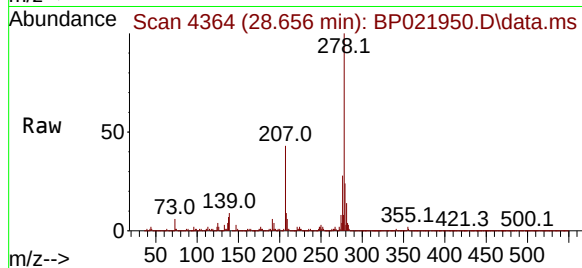
#91
Dibenzo(a,h)anthracene
Concen: 10.046 ng
RT: 28.656 min Scan# 41
Delta R.T. -0.023 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 44723
Ion Ratio Lower Upper
278 100
139 9.0 6.6 10.0
279 24.1 18.8 28.2

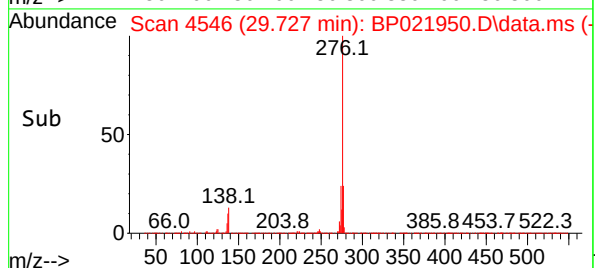
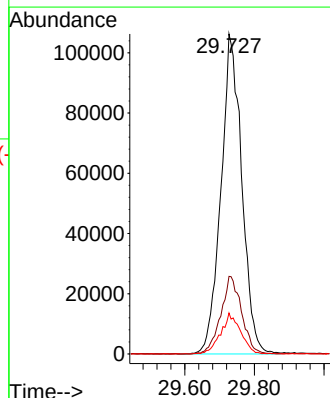
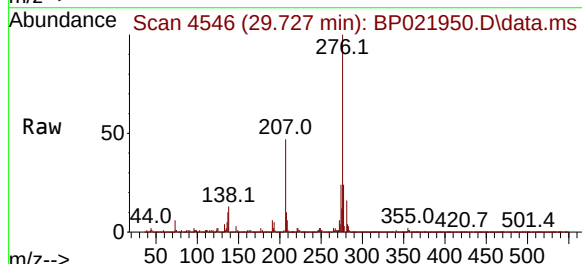
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#92
Benzo(g,h,i)perylene
Concen: 9.694 ng
RT: 29.727 min Scan# 4546
Delta R.T. -0.035 min
Lab File: BP021950.D
Acq: 19 Sep 2024 14:17

Tgt Ion:276 Resp: 442087
Ion Ratio Lower Upper
276 100
277 24.3 19.3 28.9
138 12.8 9.2 13.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091924\
 Data File : BP021951.D
 Acq On : 19 Sep 2024 14:58
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 20 01:02:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 00:59:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	88670	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	329021	20.000	ng	0.00
39) Acenaphthene-d10	14.328	164	236800	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	555972	20.000	ng	0.00
76) Chrysene-d12	21.563	240	650837	20.000	ng	0.00
86) Perylene-d12	24.862	264	792243	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	196307	41.605	ng	0.00
7) Phenol-d6	6.893	99	246915	40.311	ng	0.00
23) Nitrobenzene-d5	8.852	82	253067	40.698	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	165651	37.734	ng	-0.01
45) 2-Fluorobiphenyl	12.934	172	648060	39.950	ng	0.00
79) Terphenyl-d14	19.857	244	1333412	38.486	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.258	88	39102	19.958	ng	97
3) Pyridine	3.658	79	103053	19.725	ng	97
4) n-Nitrosodimethylamine	3.564	42	55417	20.105	ng	98
6) Aniline	7.052	93	106816	19.845	ng	100
8) 2-Chlorophenol	7.287	128	104371	20.687	ng	98
9) Benzaldehyde	6.863	77	72663	22.596	ng	97
10) Phenol	6.922	94	120091	19.740	ng	99
11) bis(2-Chloroethyl)ether	7.140	93	93231	20.344	ng	99
12) 1,3-Dichlorobenzene	7.605	146	130733	20.524	ng	99
13) 1,4-Dichlorobenzene	7.752	146	131821	20.406	ng	99
14) 1,2-Dichlorobenzene	8.063	146	126008	20.323	ng	97
15) Benzyl Alcohol	7.946	79	92294	19.647	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.234	45	99972m	20.587	ng	
17) 2-Methylphenol	8.152	107	83308	20.271	ng	99
18) Hexachloroethane	8.781	117	48080	20.242	ng	98
19) n-Nitroso-di-n-propyla...	8.504	70	76523	20.100	ng	99
20) 3+4-Methylphenols	8.475	107	114502	19.736	ng	99
22) Acetophenone	8.522	105	163877	20.418	ng	# 99
24) Nitrobenzene	8.893	77	130527	20.671	ng	99
25) Isophorone	9.422	82	202778	19.780	ng	98
26) 2-Nitrophenol	9.599	139	55442	20.080	ng	98
27) 2,4-Dimethylphenol	9.663	122	64219	20.087	ng	96
28) bis(2-Chloroethoxy)met...	9.887	93	123994	20.172	ng	98
29) 2,4-Dichlorophenol	10.128	162	108810	20.052	ng	99
30) 1,2,4-Trichlorobenzene	10.346	180	136870	20.249	ng	99
31) Naphthalene	10.522	128	331403	20.186	ng	100
32) Benzoic acid	9.769	122	71707	18.826	ng	98
33) 4-Chloroaniline	10.634	127	119590	20.195	ng	97
34) Hexachlorobutadiene	10.810	225	104024	19.673	ng	96
35) Caprolactam	11.398	113	30655	19.017	ng	97
36) 4-Chloro-3-methylphenol	11.757	107	113577	19.509	ng	99
37) 2-Methylnaphthalene	12.134	142	235596	19.614	ng	97
38) 1-Methylnaphthalene	12.357	142	233145	19.659	ng	99
40) 1,2,4,5-Tetrachloroben...	12.504	216	167836	20.258	ng	99
41) Hexachlorocyclopentadiene	12.487	237	62319	20.245	ng	99
43) 2,4,6-Trichlorophenol	12.751	196	99279	19.524	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091924\
 Data File : BP021951.D
 Acq On : 19 Sep 2024 14:58
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024

Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 20 01:02:48 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Sep 20 00:59:29 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.822	196	113362	19.873	ng	97
46) 1,1'-Biphenyl	13.151	154	329223	20.390	ng	100
47) 2-Chloronaphthalene	13.192	162	262614	20.116	ng	99
48) 2-Nitroaniline	13.392	65	70925	19.895	ng	97
49) Acenaphthylene	14.045	152	371151	20.147	ng	100
50) Dimethylphthalate	13.787	163	338551	19.712	ng	100
51) 2,6-Dinitrotoluene	13.898	165	77201	20.173	ng	98
52) Acenaphthene	14.387	154	241219	20.119	ng	97
53) 3-Nitroaniline	14.228	138	66684	19.551	ng	98
54) 2,4-Dinitrophenol	14.439	184	40958	18.266	ng	99
55) Dibenzofuran	14.734	168	405339	20.114	ng	98
56) 4-Nitrophenol	14.551	139	60090	20.241	ng	93
57) 2,4-Dinitrotoluene	14.692	165	105073	19.421	ng	99
58) Fluorene	15.392	166	334549	19.879	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.969	232	108357	19.682	ng	98
60) Diethylphthalate	15.169	149	342156	19.605	ng	99
61) 4-Chlorophenyl-phenyle...	15.386	204	193631	19.763	ng	99
62) 4-Nitroaniline	15.404	138	74787	20.079	ng	98
63) Azobenzene	15.681	77	294453	20.388	ng	99
65) 4,6-Dinitro-2-methylph...	15.481	198	63180	19.606	ng	95
66) n-Nitrosodiphenylamine	15.610	169	281823	20.358	ng	98
67) 4-Bromophenyl-phenylether	16.304	248	130053	20.067	ng	98
68) Hexachlorobenzene	16.416	284	162764	20.143	ng	98
69) Atrazine	16.586	200	112531	22.688	ng	99
70) Pentachlorophenol	16.775	266	106502	19.591	ng	98
71) Phenanthrene	17.175	178	542275	20.319	ng	99
72) Anthracene	17.263	178	525040	20.323	ng	100
73) Carbazole	17.545	167	506968	20.317	ng	99
74) Di-n-butylphthalate	18.139	149	567570	19.367	ng	99
75) Fluoranthene	19.257	202	736641	19.775	ng	99
77) Benzidine	19.457	184	122513	15.404	ng	98
78) Pyrene	19.633	202	776018	19.710	ng	99
80) Butylbenzylphthalate	20.592	149	263501	18.764	ng	99
81) Benzo(a)anthracene	21.539	228	834555	19.956	ng	99
82) 3,3'-Dichlorobenzidine	21.468	252	309796	20.417	ng	100
83) Chrysene	21.610	228	788982	20.037	ng	100
84) Bis(2-ethylhexyl)phtha...	21.480	149	382484	18.558	ng	99
85) Di-n-octyl phthalate	22.745	149	646759	18.476	ng	100
87) Indeno(1,2,3-cd)pyrene	28.598	276	1049010	19.908	ng	99
88) Benzo(b)fluoranthene	23.815	252	926953	19.784	ng	100
89) Benzo(k)fluoranthene	23.886	252	867892	19.573	ng	99
90) Benzo(a)pyrene	24.692	252	796837	19.742	ng	99
91) Dibenzo(a,h)anthracene	28.668	278	859849	19.772	ng	99
92) Benzo(g,h,i)perylene	29.762	276	877800	19.705	ng	98

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

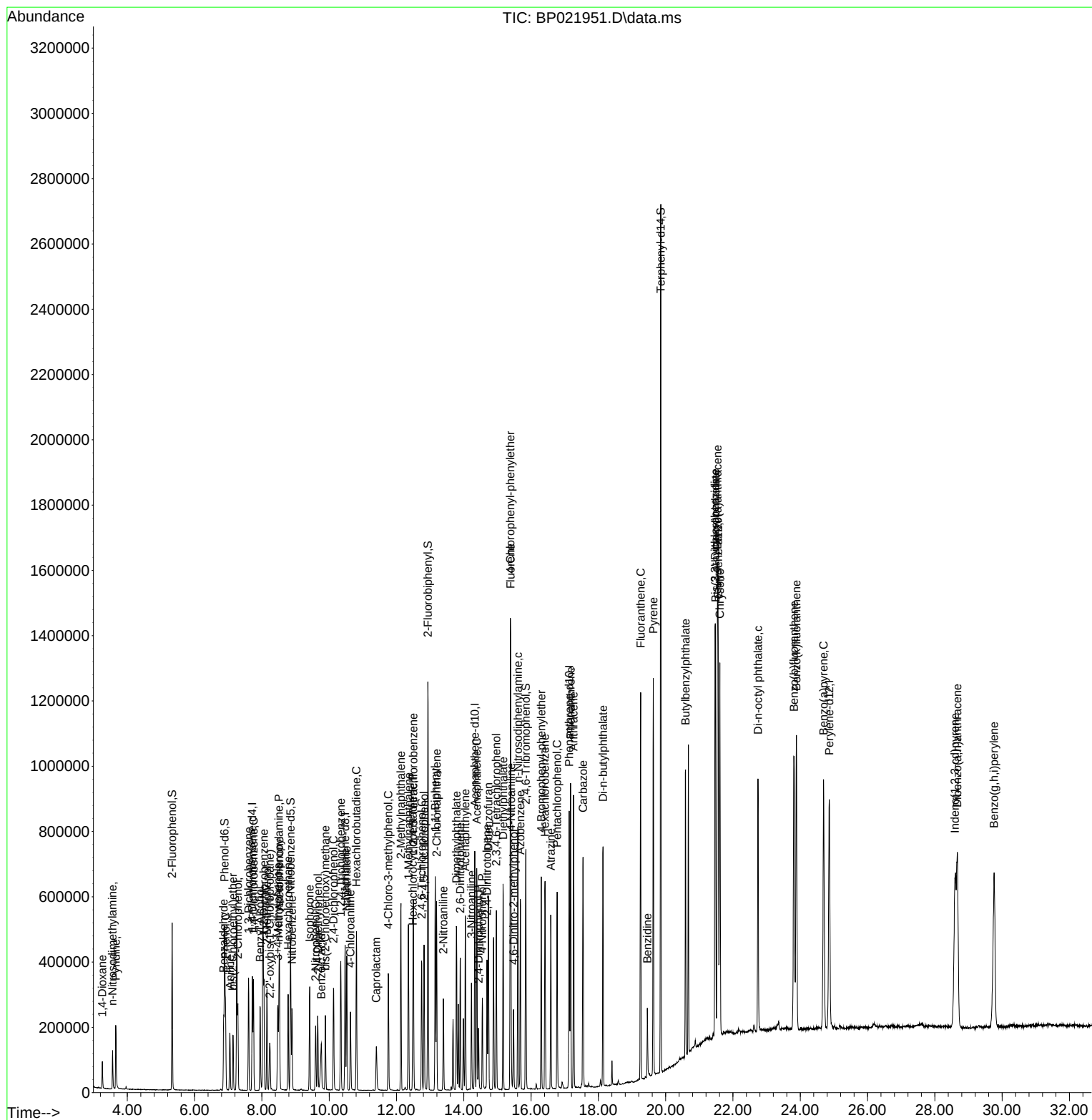
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Data File : BP021951.D
Acq On : 19 Sep 2024 14:58
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

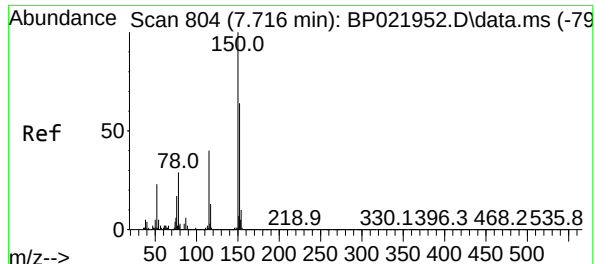
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 20 01:02:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 00:59:29 2024
Response via : Initial Calibration





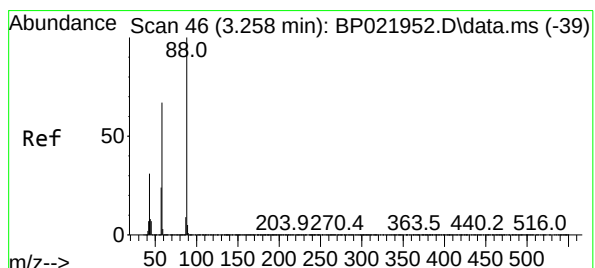
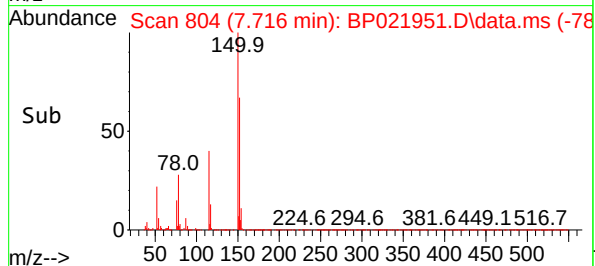
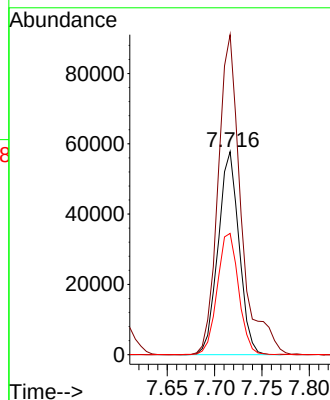
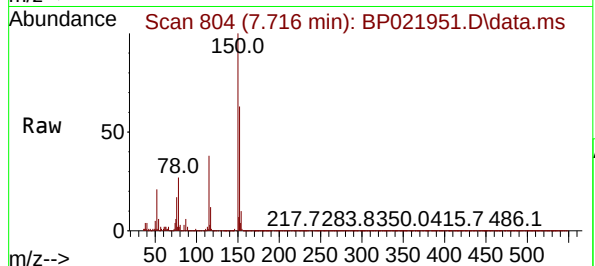
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 804
Delta R.T. 0.000 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

Instrument :
BNA_P
Client Sample Id :
SSTDICC020

Tgt Ion: 152 Resp: 88670
Ion Ratio Lower Upper
152 100
150 157.6 124.2 186.2
115 59.8 49.2 73.8

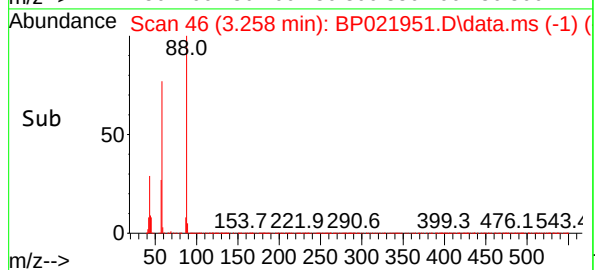
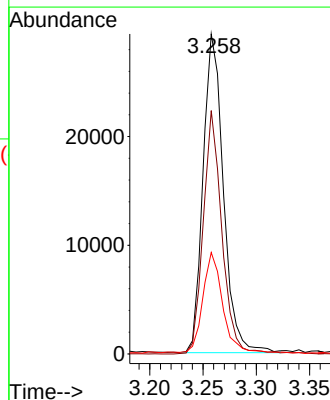
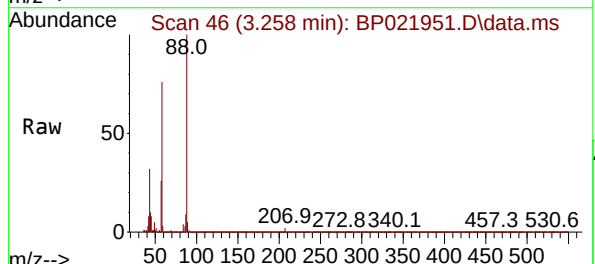
Manual Integrations
APPROVED

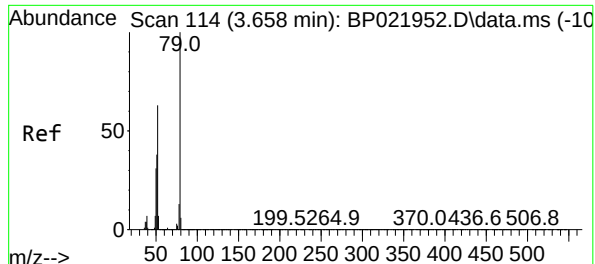
Reviewed By : Jagrut Upadhyay 09/20/2024
Supervised By : mohammad ahmed 09/22/2024



#2
1,4-Dioxane
Concen: 19.958 ng
RT: 3.258 min Scan# 46
Delta R.T. -0.000 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

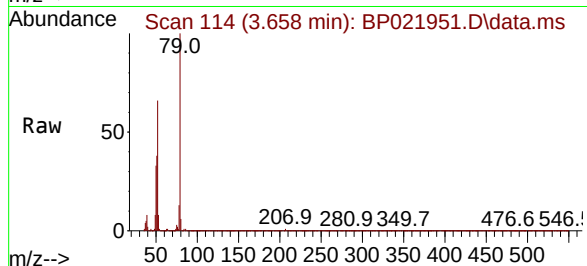
Tgt Ion: 88 Resp: 39102
Ion Ratio Lower Upper
88 100
58 70.2 53.8 80.6
43 31.8 25.2 37.8





#3
Pyridine
Concen: 19.725 ng
RT: 3.658 min Scan# 114
Delta R.T. 0.000 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

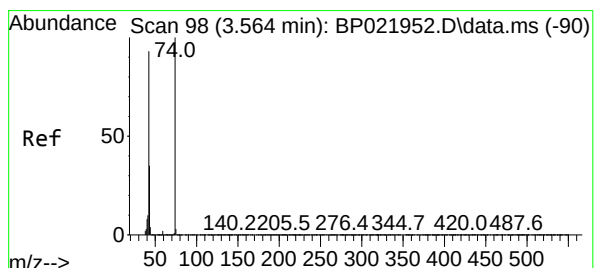
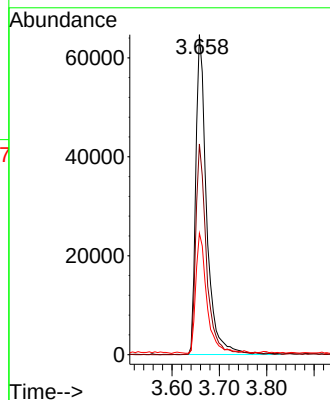
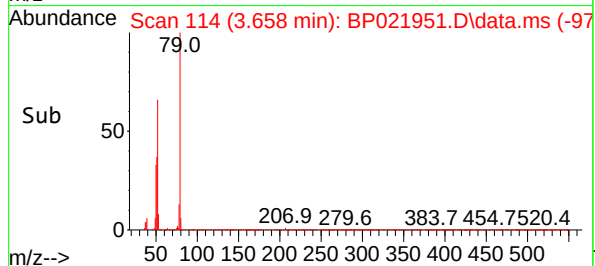
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 79 Resp: 10305
Ion Ratio Lower Upper
79 100
52 65.9 50.3 75.5
51 37.9 30.9 46.3

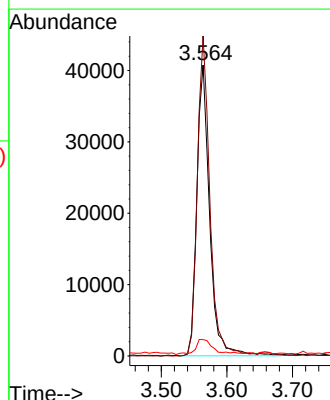
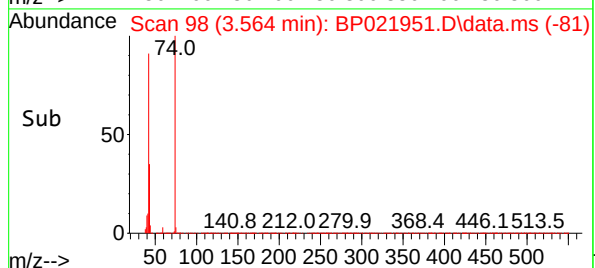
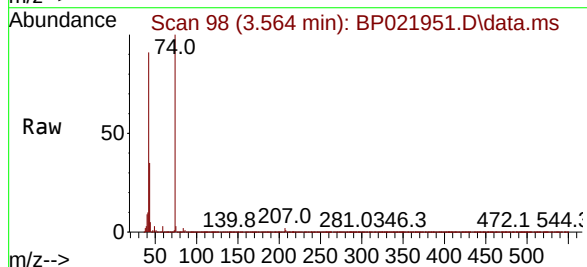
Manual Integrations
APPROVED

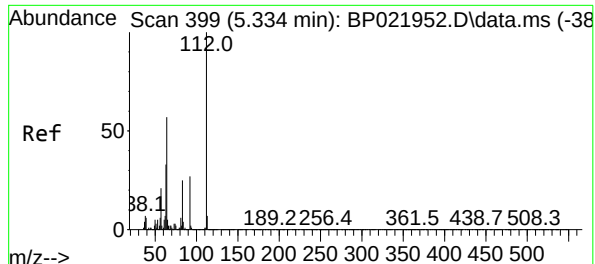
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#4
n-Nitrosodimethylamine
Concen: 20.105 ng
RT: 3.564 min Scan# 98
Delta R.T. 0.000 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

Tgt Ion: 42 Resp: 55417
Ion Ratio Lower Upper
42 100
74 110.0 86.3 129.5
44 5.6 4.0 6.0





#5

2-Fluorophenol

Concen: 41.605 ng

RT: 5.334 min Scan# 399

Delta R.T. 0.000 min

Lab File: BP021951.D

Acq: 19 Sep 2024 14:58

Instrument :

BNA_P

ClientSampleId :

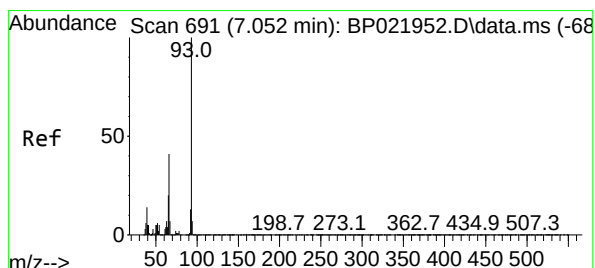
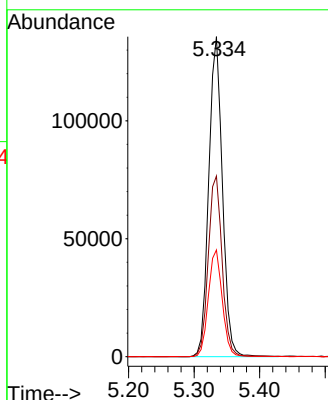
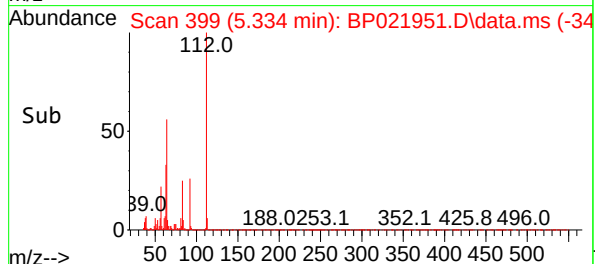
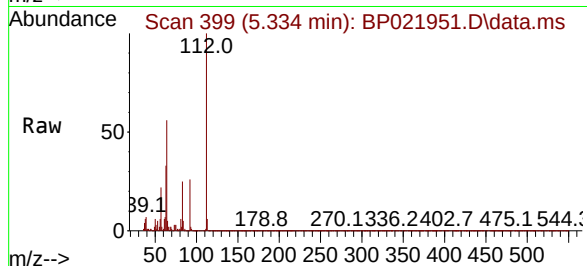
SSTDICC020

Tgt Ion:	112	Resp:	19630
Ion Ratio	Lower	Upper	
112	100		
64	56.5	45.4	68.0
63	33.3	26.6	39.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#6

Aniline

Concen: 19.845 ng

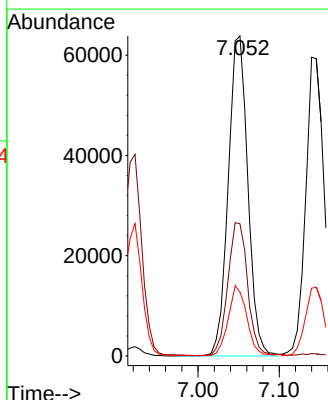
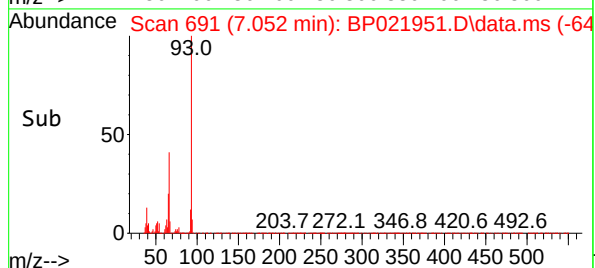
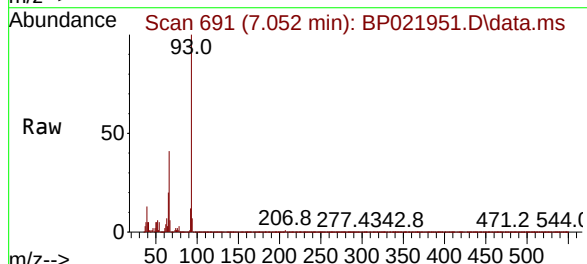
RT: 7.052 min Scan# 691

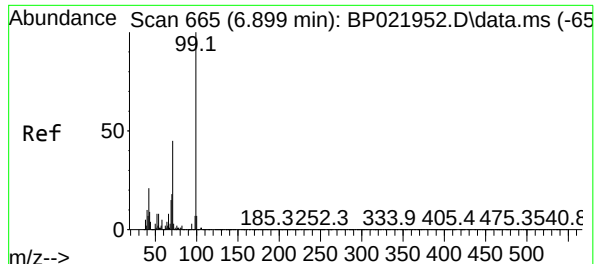
Delta R.T. -0.000 min

Lab File: BP021951.D

Acq: 19 Sep 2024 14:58

Tgt Ion:	93	Resp:	106816
Ion Ratio	Lower	Upper	
93	100		
66	41.3	33.0	49.4
65	20.0	16.1	24.1





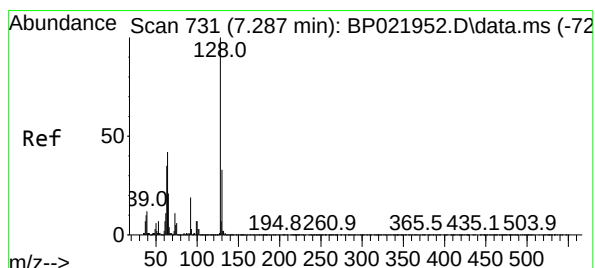
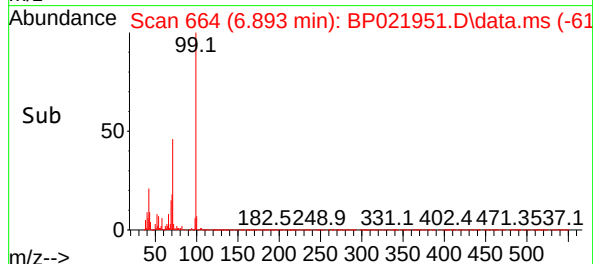
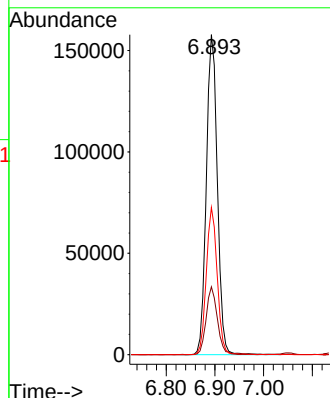
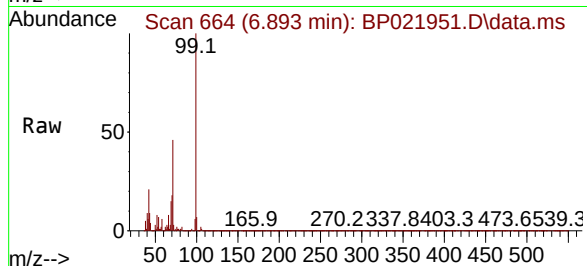
#7
Phenol-d6
Concen: 40.311 ng
RT: 6.893 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 99 Resp: 246915
Ion Ratio Lower Upper
99 100
42 21.2 16.8 25.2
71 46.0 35.8 53.6

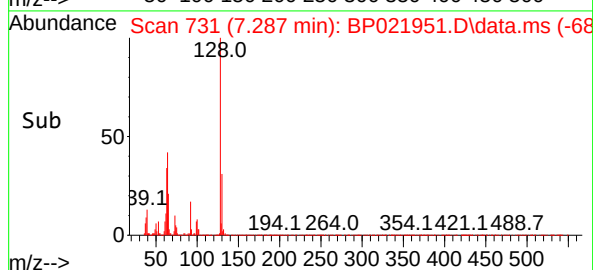
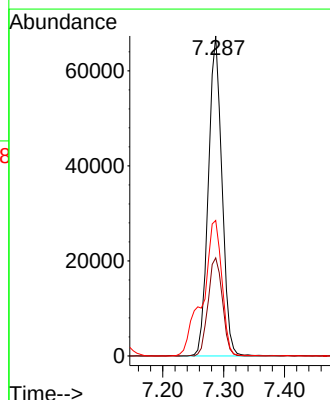
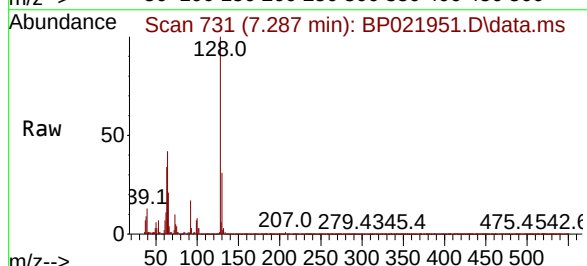
Manual Integrations
APPROVED

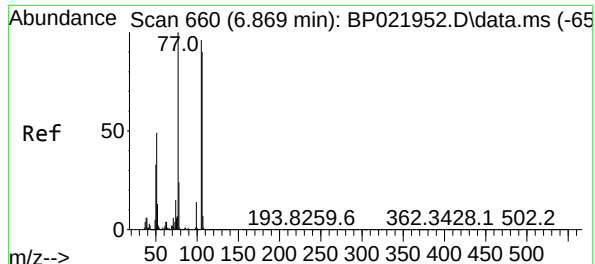
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#8
2-Chlorophenol
Concen: 20.687 ng
RT: 7.287 min Scan# 731
Delta R.T. 0.000 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

Tgt Ion:128 Resp: 104371
Ion Ratio Lower Upper
128 100
130 30.7 13.1 53.1
64 42.3 22.1 62.1





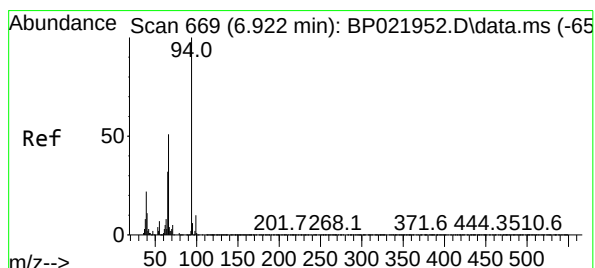
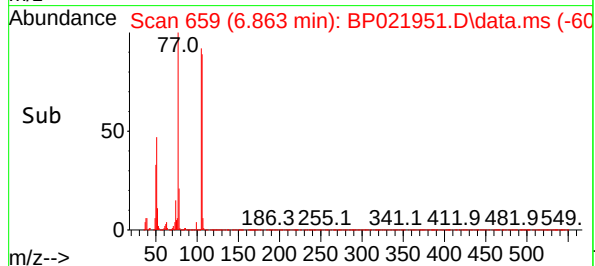
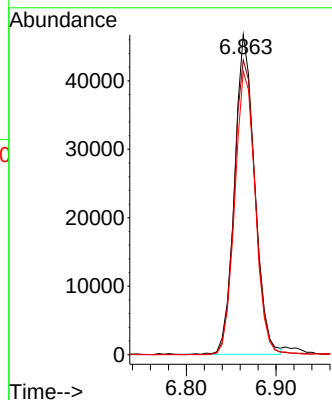
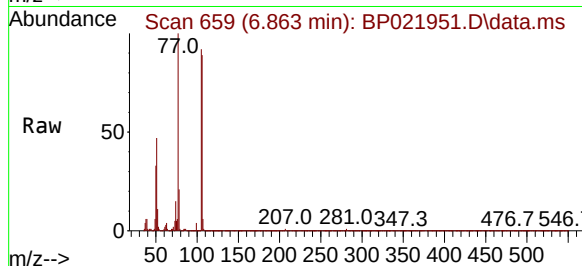
#9
Benzaldehyde
Concen: 22.596 ng
RT: 6.863 min Scan# 659
Delta R.T. -0.006 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

Instrument :
BNA_P
Client Sample Id :
SSTDICC020

Tgt Ion: 77 Resp: 7266
Ion Ratio Lower Upper
77 100
105 92.1 76.1 116.1
106 88.5 69.9 109.9

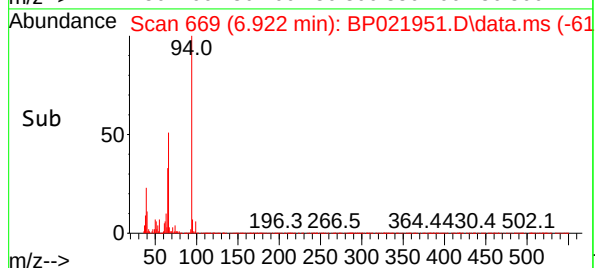
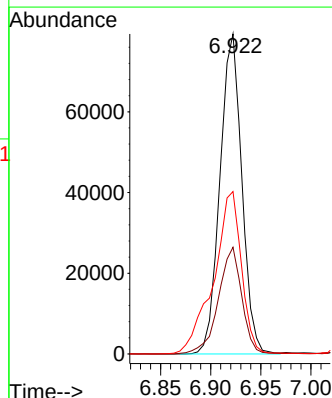
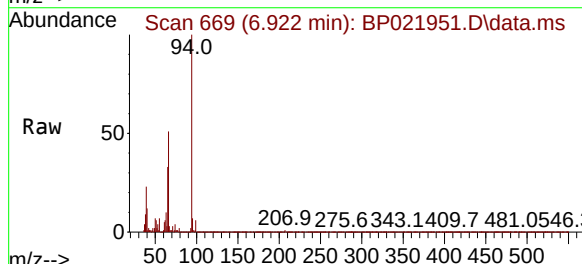
Manual Integrations
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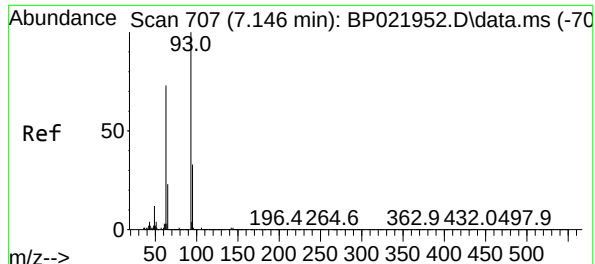
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#10
Phenol
Concen: 19.740 ng
RT: 6.922 min Scan# 669
Delta R.T. 0.000 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

Tgt Ion: 94 Resp: 120091
Ion Ratio Lower Upper
94 100
65 33.3 12.5 52.5
66 50.7 31.2 71.2





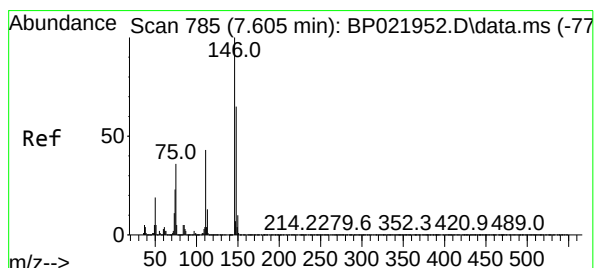
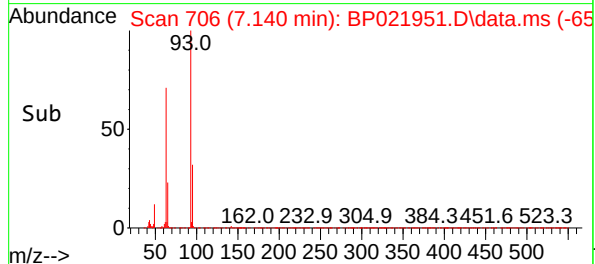
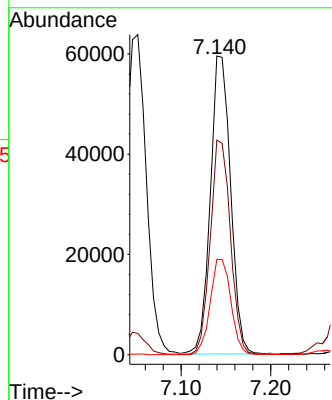
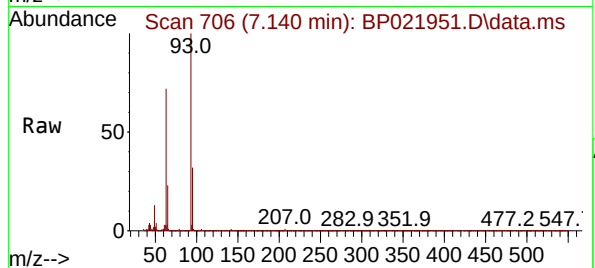
#11
bis(2-Chloroethyl)ether
Concen: 20.344 ng
RT: 7.140 min Scan# 707
Delta R.T. -0.006 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

Instrument :
BNA_P
Client Sample Id :
SSTDICC020

Tgt Ion: 93 Resp: 9323
Ion Ratio Lower Upper
93 100
63 71.9 53.0 93.0
95 31.9 12.4 52.4

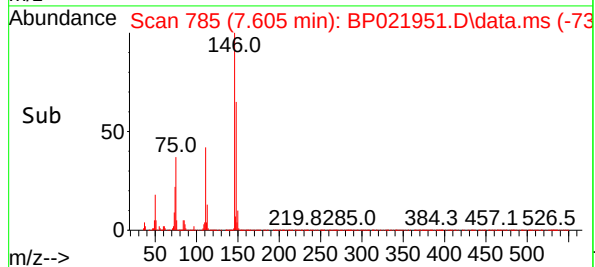
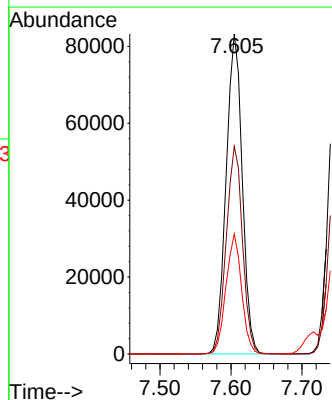
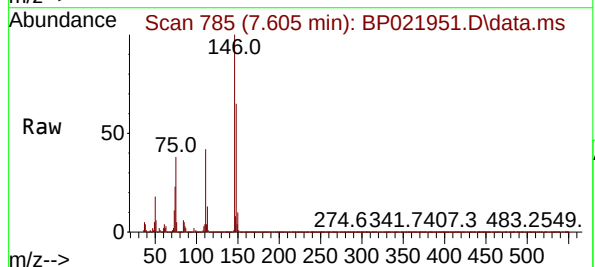
Manual Integrations
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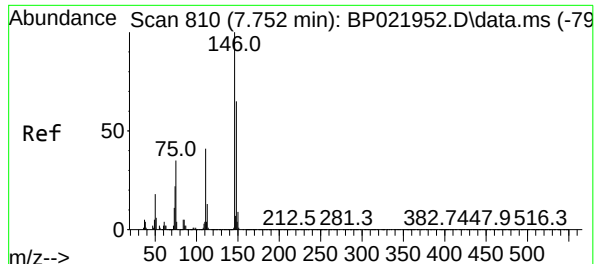
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#12
1,3-Dichlorobenzene
Concen: 20.524 ng
RT: 7.605 min Scan# 785
Delta R.T. 0.000 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

Tgt Ion:146 Resp: 130733
Ion Ratio Lower Upper
146 100
148 64.9 52.3 78.5
75 37.5 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 20.406 ng

RT: 7.752 min Scan# 810

Delta R.T. 0.000 min

Lab File: BP021951.D

Acq: 19 Sep 2024 14:58

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:146 Resp: 13182

Ion Ratio Lower Upper

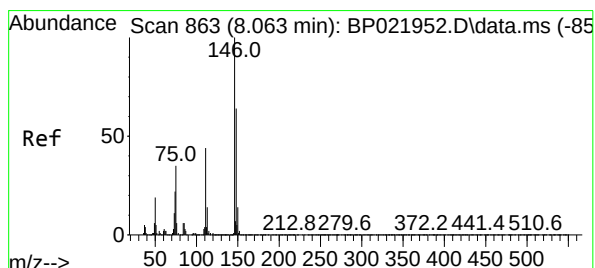
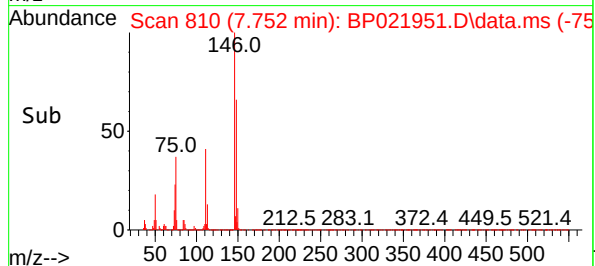
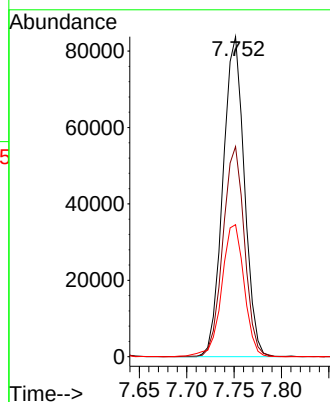
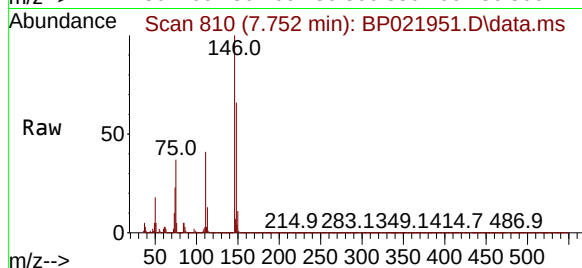
146 100

148 65.7 52.2 78.4

111 41.2 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#14

1,2-Dichlorobenzene

Concen: 20.323 ng

RT: 8.063 min Scan# 863

Delta R.T. 0.000 min

Lab File: BP021951.D

Acq: 19 Sep 2024 14:58

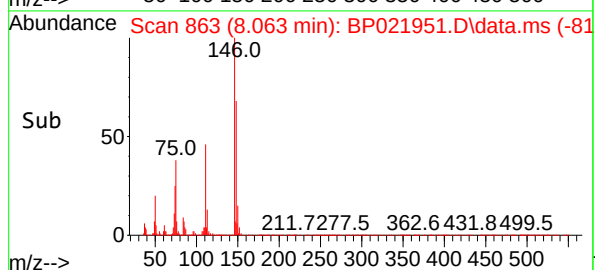
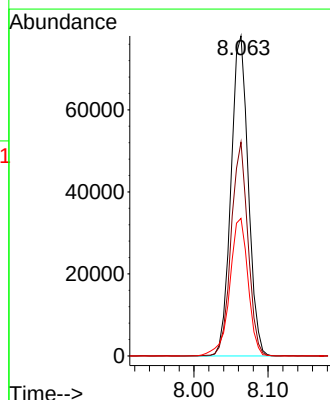
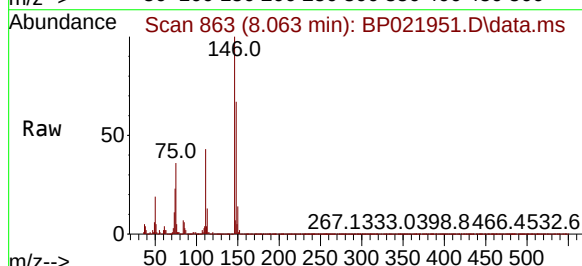
Tgt Ion:146 Resp: 126008

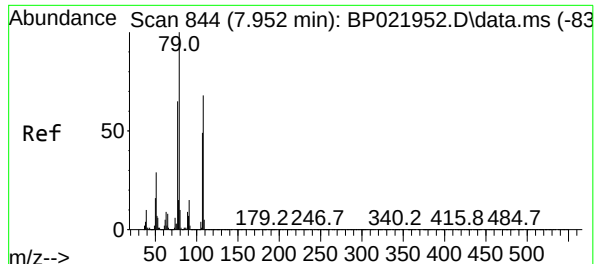
Ion Ratio Lower Upper

146 100

148 66.8 51.3 76.9

111 43.0 35.6 53.4





#15

Benzyl Alcohol

Concen: 19.647 ng

RT: 7.946 min Scan# 844

Delta R.T. -0.006 min

Lab File: BP021951.D

Acq: 19 Sep 2024 14:58

Instrument :

BNA_P

ClientSampleId :

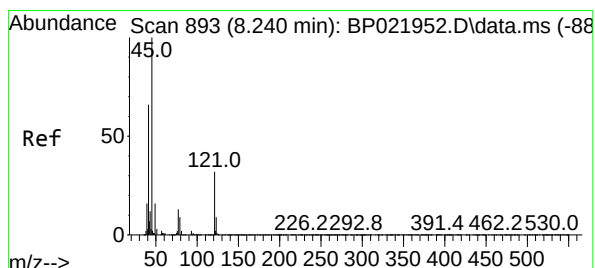
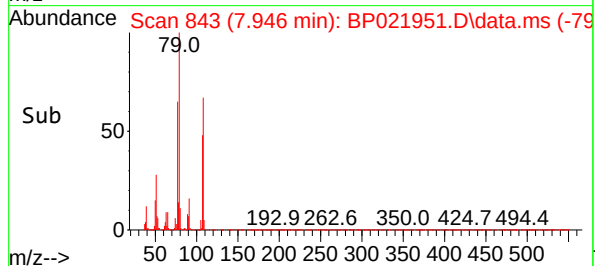
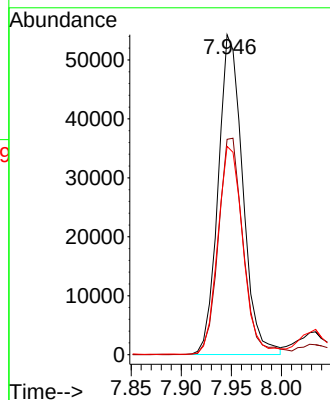
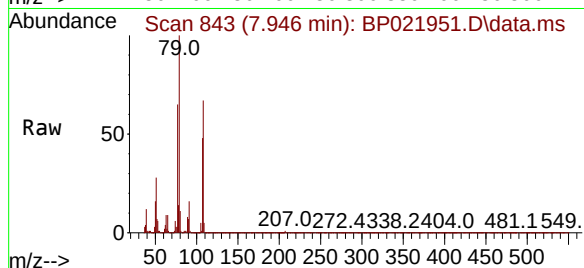
SSTDICC020

Tgt Ion: 79	Resp: 92294
Ion Ratio	Lower Upper
79 100	
108 67.3	54.7 82.1
77 65.1	51.8 77.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.587 ng m

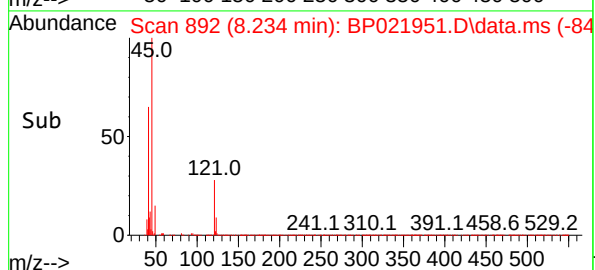
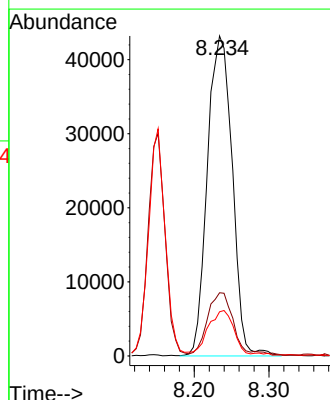
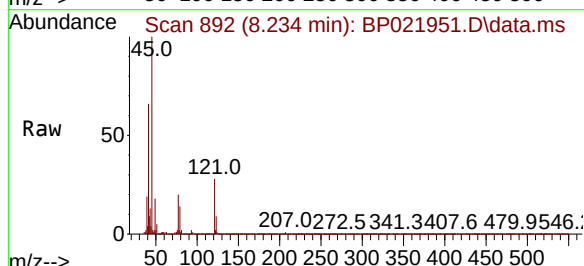
RT: 8.234 min Scan# 892

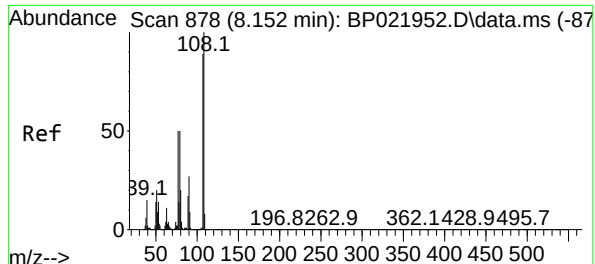
Delta R.T. -0.006 min

Lab File: BP021951.D

Acq: 19 Sep 2024 14:58

Tgt Ion: 45	Resp: 99972
Ion Ratio	Lower Upper
45 100	
77 19.7	0.0 39.5
79 13.8	0.0 34.9





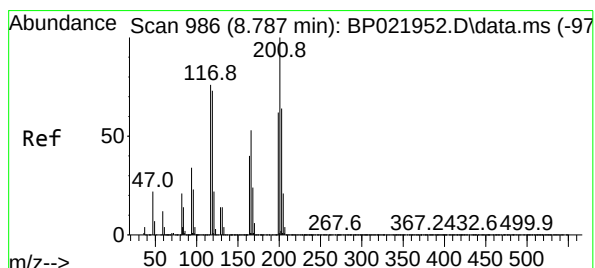
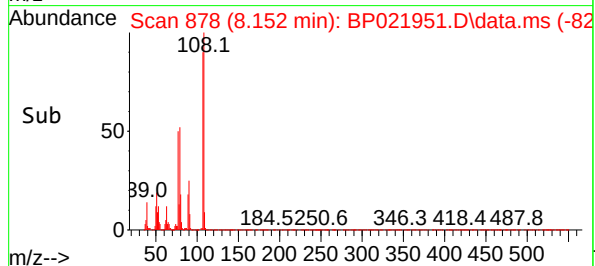
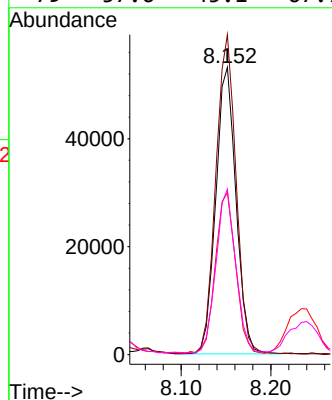
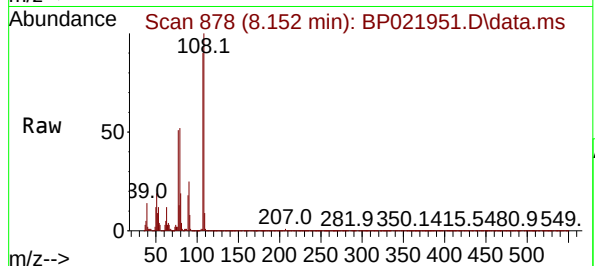
#17
2-Methylphenol
Concen: 20.271 ng
RT: 8.152 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:107 Resp: 83308
Ion Ratio Lower Upper
107 100
108 111.4 90.3 135.5
77 56.5 45.1 67.7
79 57.6 45.1 67.7

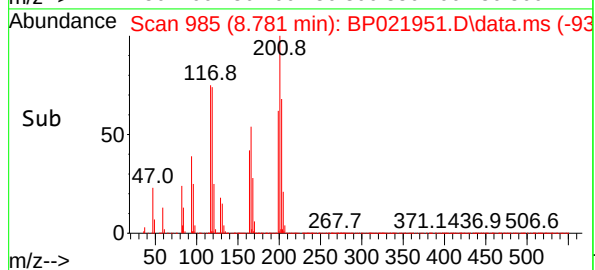
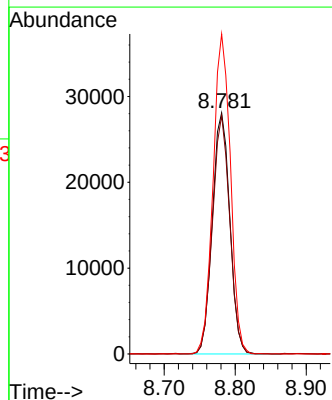
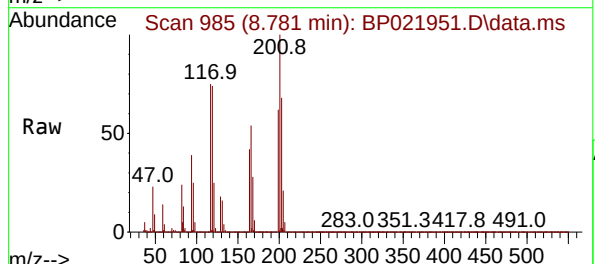
Manual Integrations
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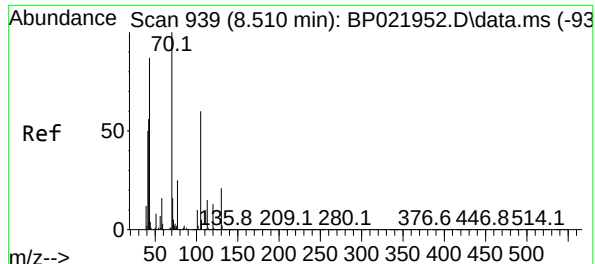
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#18
Hexachloroethane
Concen: 20.242 ng
RT: 8.781 min Scan# 985
Delta R.T. -0.006 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

Tgt Ion:117 Resp: 48080
Ion Ratio Lower Upper
117 100
119 98.9 77.0 115.4
201 132.7 105.6 158.4





#19

n-Nitroso-di-n-propylamine

Concen: 20.100 ng

RT: 8.504 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP021951.D

Acq: 19 Sep 2024 14:58

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 7652

Ion Ratio Lower Upper

70 100

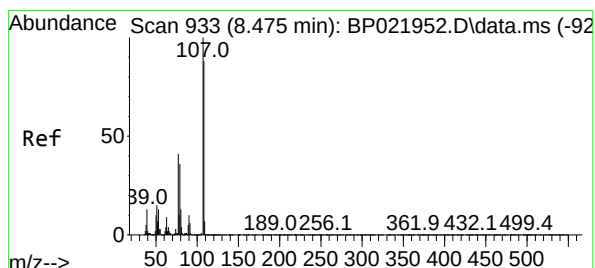
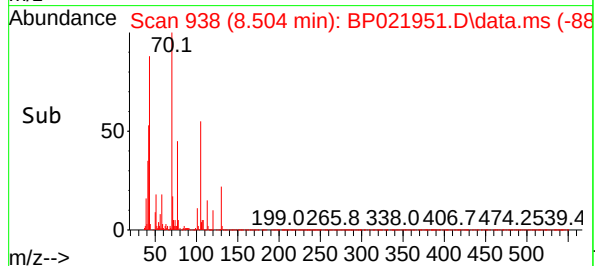
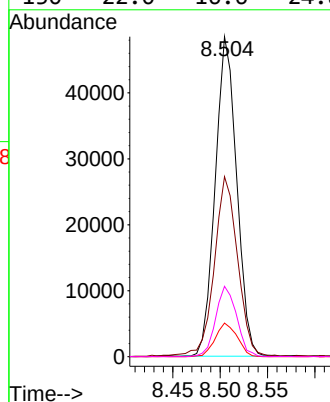
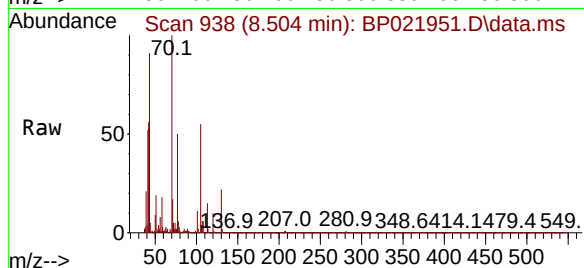
42 56.3 45.2 67.8

101 10.5 7.8 11.6

130 22.0 16.6 24.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#20

3+4-Methylphenols

Concen: 19.736 ng

RT: 8.475 min Scan# 933

Delta R.T. -0.000 min

Lab File: BP021951.D

Acq: 19 Sep 2024 14:58

Tgt Ion:107 Resp: 114502

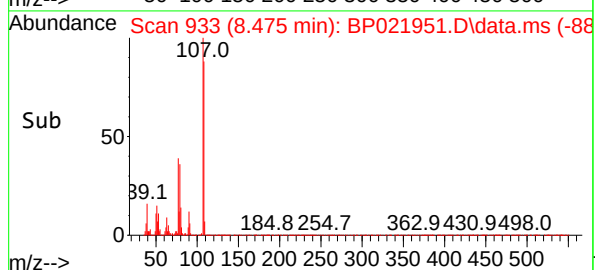
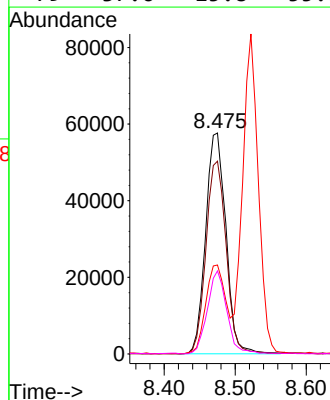
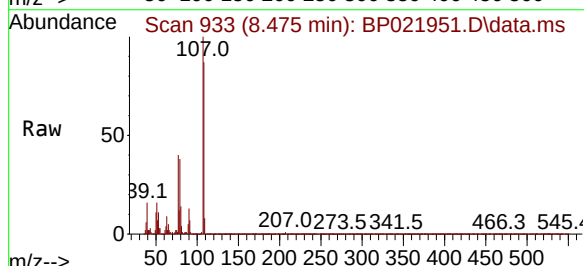
Ion Ratio Lower Upper

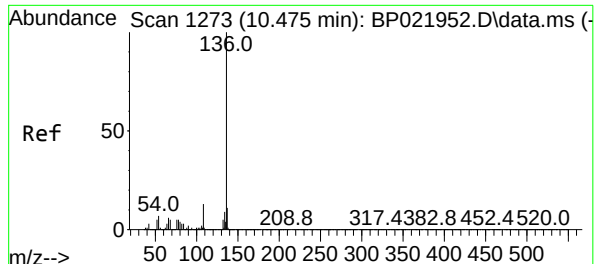
107 100

108 87.3 68.3 108.3

77 40.2 20.6 60.6

79 37.6 15.8 55.8





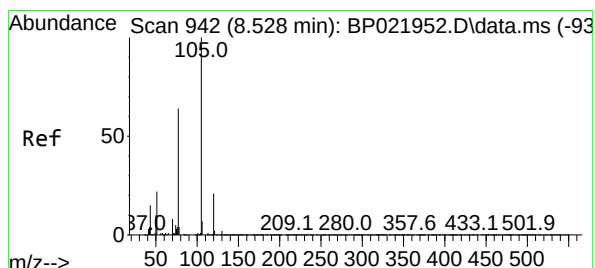
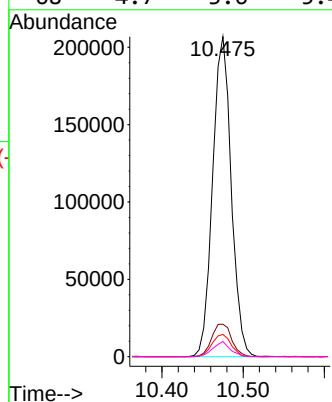
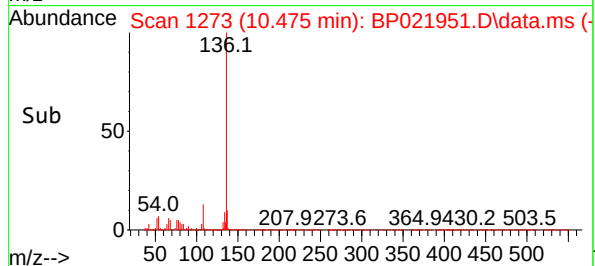
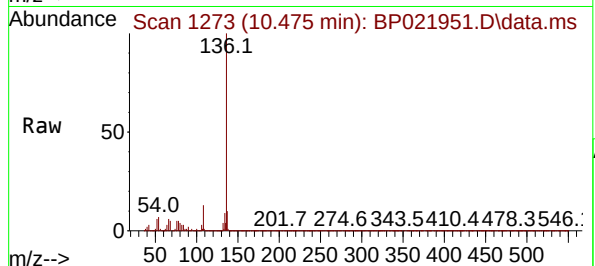
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:136 Resp: 32902
Ion Ratio Lower Upper
136 100
137 10.2 8.8 13.2
54 7.0 5.5 8.3
68 4.7 3.6 5.4

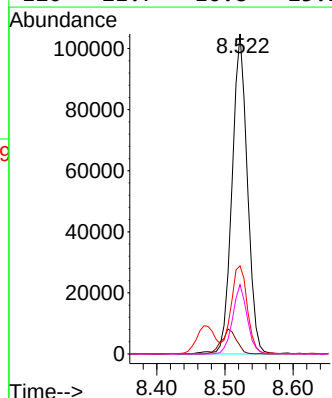
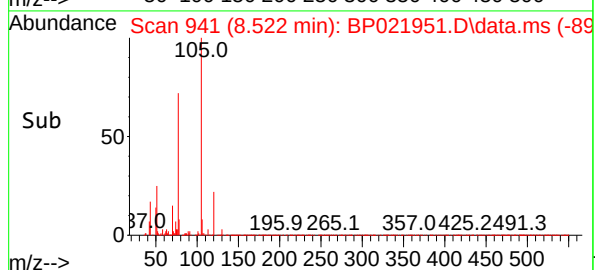
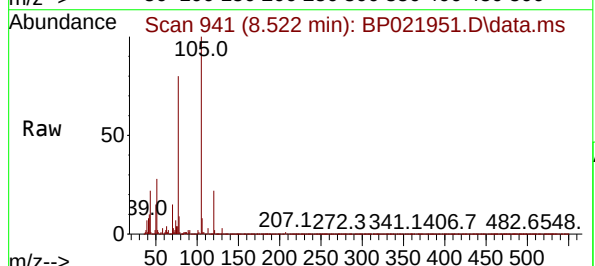
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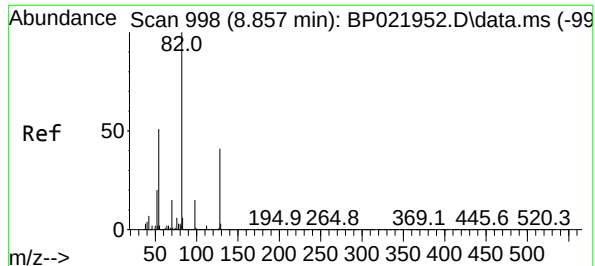
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#22
Acetophenone
Concen: 20.418 ng
RT: 8.522 min Scan# 941
Delta R.T. -0.006 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

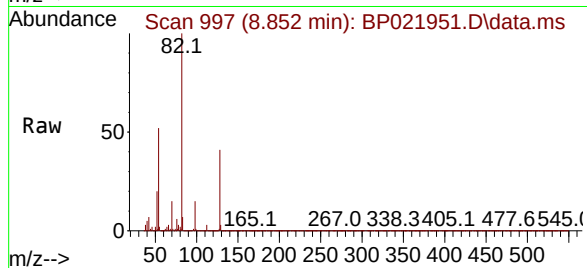
Tgt Ion:105 Resp: 163877
Ion Ratio Lower Upper
105 100
71 2.6 1.4 2.0#
51 27.6 22.1 33.1
120 21.7 16.8 25.2





#23
Nitrobenzene-d5
Concen: 40.698 ng
RT: 8.852 min Scan# 998
Delta R.T. -0.006 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

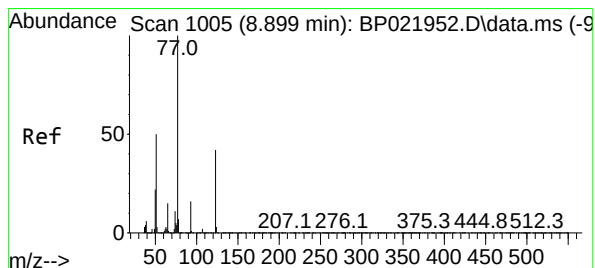
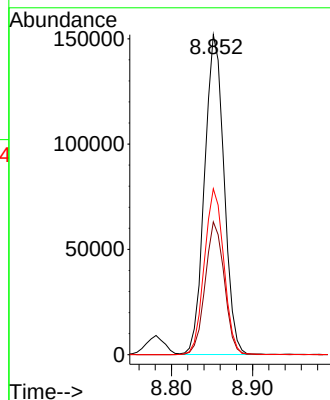
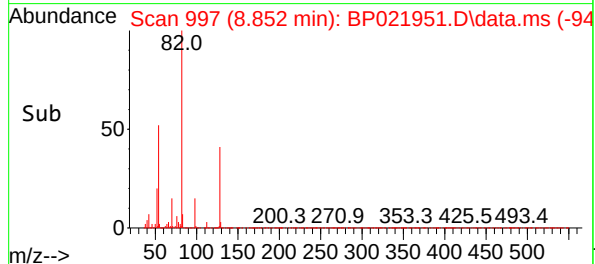
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 82 Resp: 25306
Ion Ratio Lower Upper
82 100
128 41.5 33.1 49.7
54 51.8 40.3 60.5

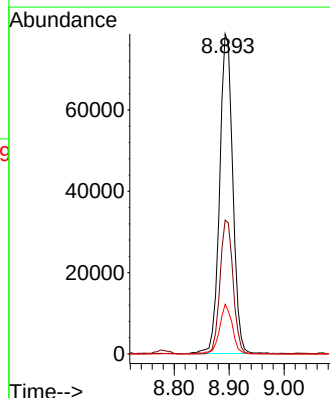
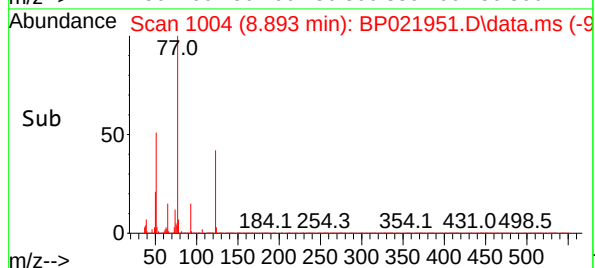
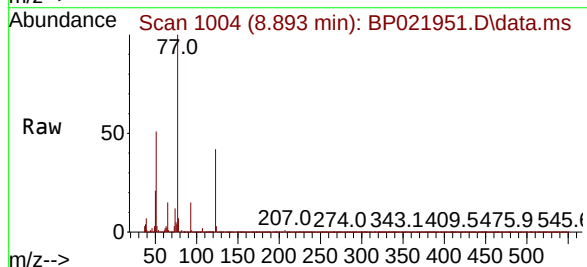
Manual Integrations
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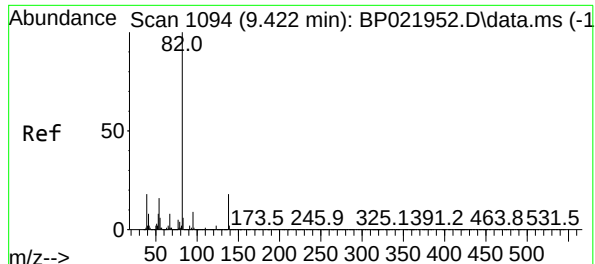
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#24
Nitrobenzene
Concen: 20.671 ng
RT: 8.893 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

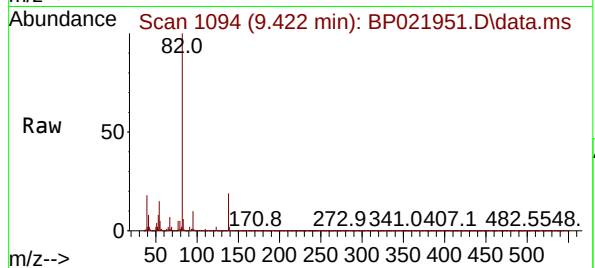
Tgt Ion: 77 Resp: 130527
Ion Ratio Lower Upper
77 100
123 41.8 33.9 50.9
65 15.5 12.0 18.0





#25
Isophorone
Concen: 19.780 ng
RT: 9.422 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

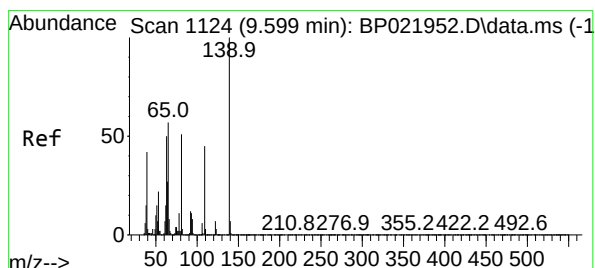
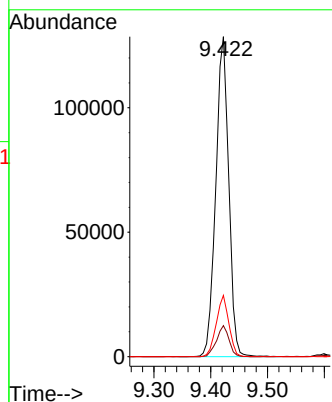
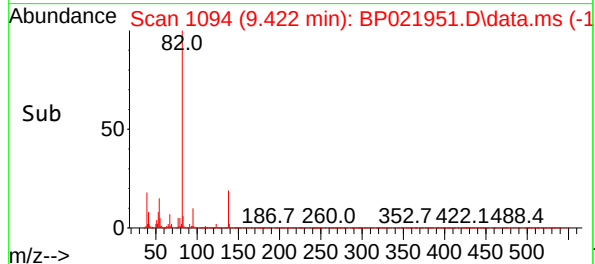
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 82 Resp: 202778
Ion Ratio Lower Upper
82 100
95 9.7 7.0 10.6
138 19.2 14.6 21.8

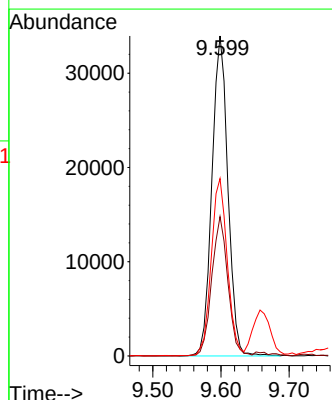
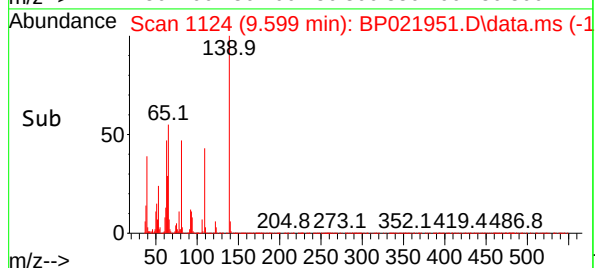
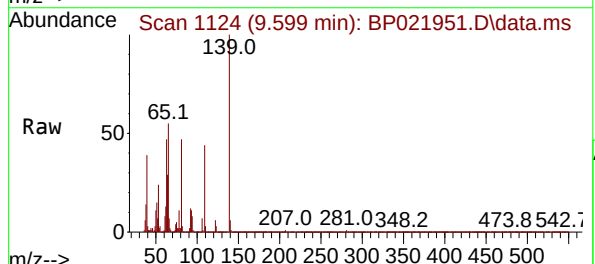
Manual Integrations
APPROVED

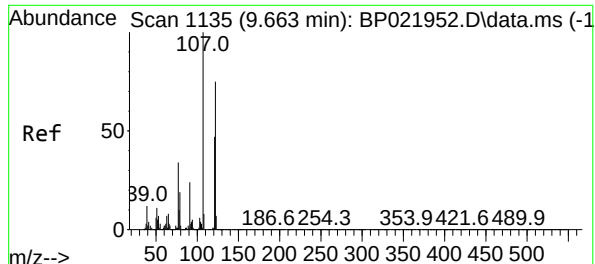
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#26
2-Nitrophenol
Concen: 20.080 ng
RT: 9.599 min Scan# 1124
Delta R.T. -0.000 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

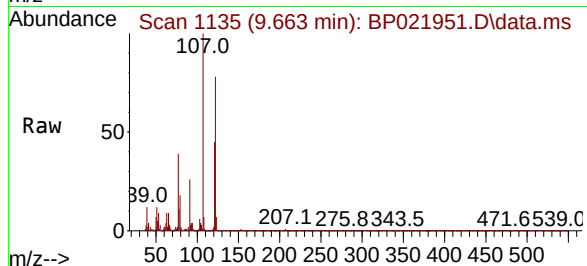
Tgt Ion:139 Resp: 55442
Ion Ratio Lower Upper
139 100
109 43.5 36.0 54.0
65 55.4 45.7 68.5





#27
2,4-Dimethylphenol
Concen: 20.087 ng
RT: 9.663 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

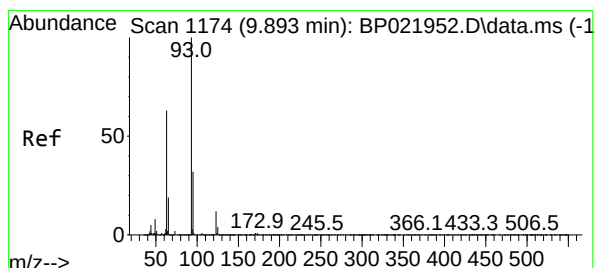
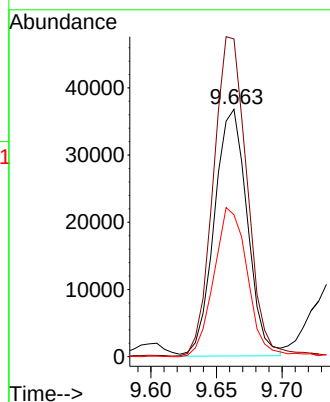
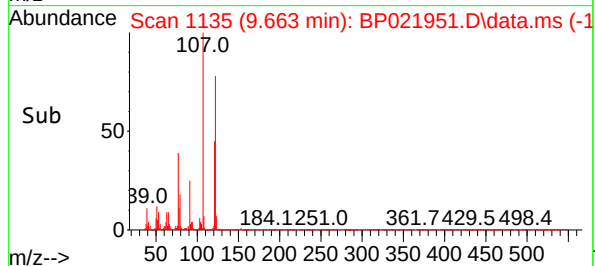
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 122 Resp: 64219
Ion Ratio Lower Upper
122 100
107 128.5 106.1 159.1
121 57.4 49.6 74.4

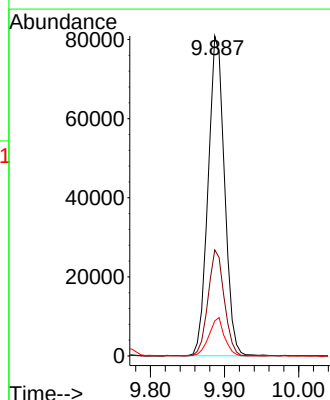
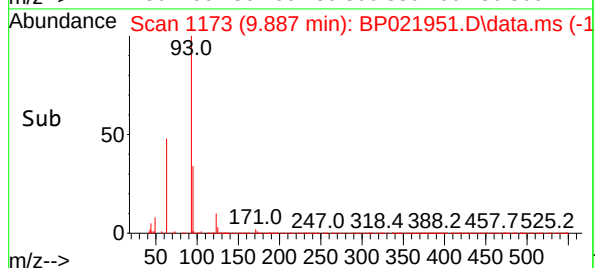
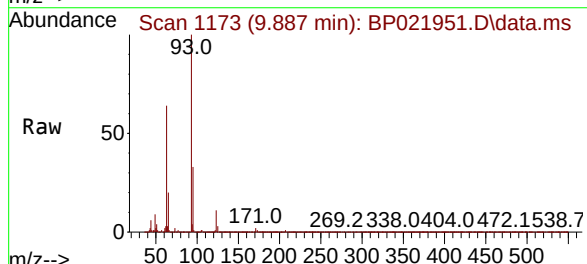
Manual Integrations
APPROVED

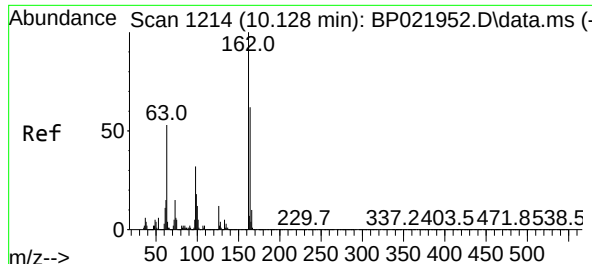
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#28
bis(2-Chloroethoxy)methane
Concen: 20.172 ng
RT: 9.887 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

Tgt Ion: 93 Resp: 123994
Ion Ratio Lower Upper
93 100
95 33.1 25.7 38.5
123 10.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 20.052 ng

RT: 10.128 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BP021951.D

Acq: 19 Sep 2024 14:58

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:162 Resp: 108810

Ion Ratio Lower Upper

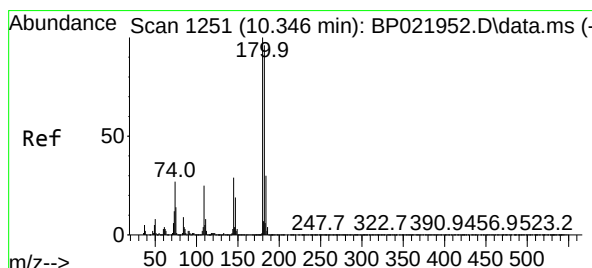
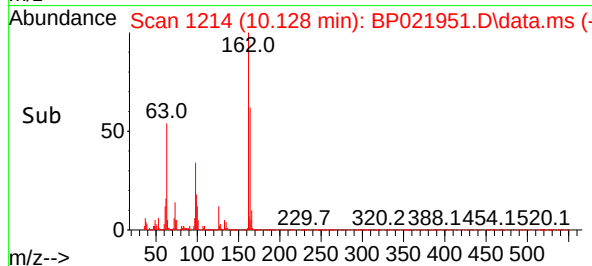
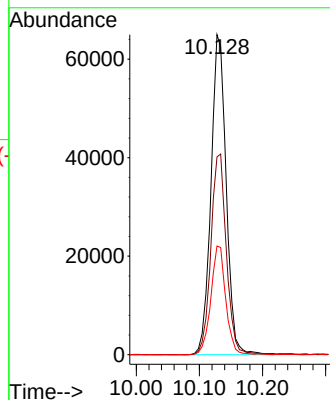
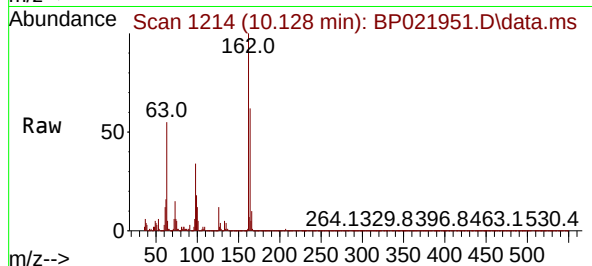
162 100

164 61.8 41.7 81.7

98 34.0 12.4 52.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#30

1,2,4-Trichlorobenzene

Concen: 20.249 ng

RT: 10.346 min Scan# 1251

Delta R.T. 0.000 min

Lab File: BP021951.D

Acq: 19 Sep 2024 14:58

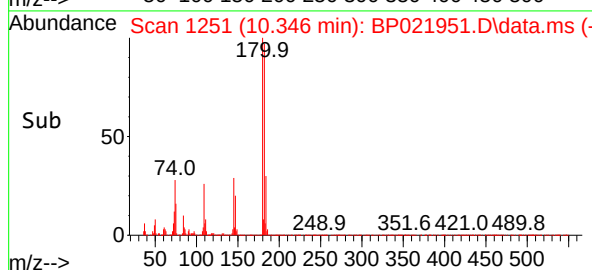
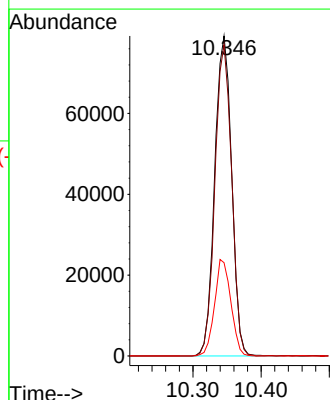
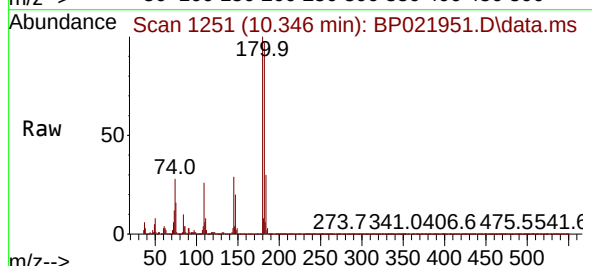
Tgt Ion:180 Resp: 136870

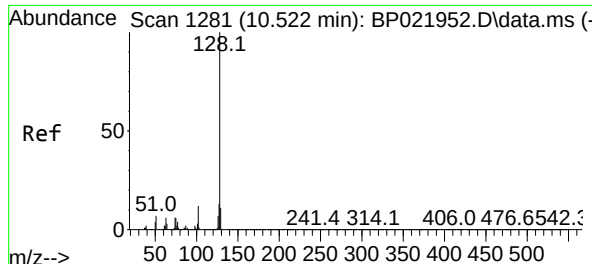
Ion Ratio Lower Upper

180 100

182 97.3 77.0 115.4

145 29.2 23.0 34.6





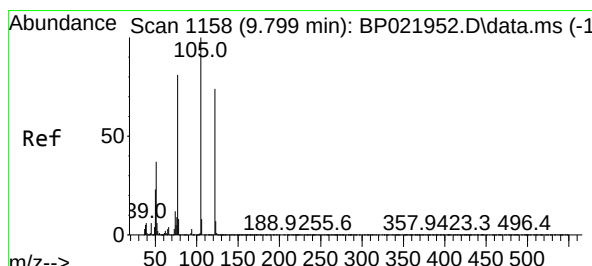
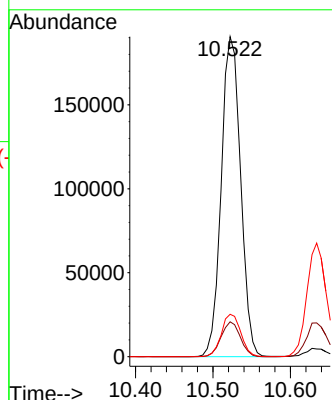
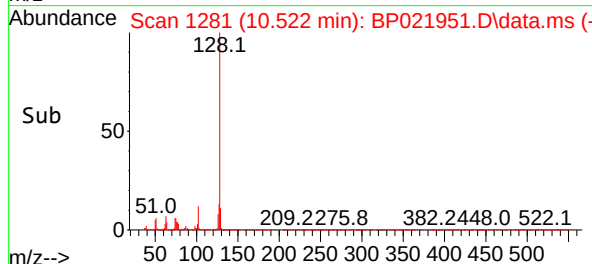
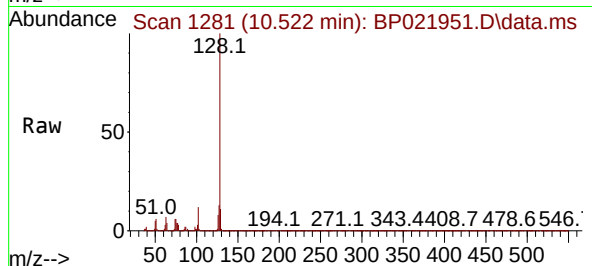
#31
Naphthalene
Concen: 20.186 ng
RT: 10.522 min Scan# 1113
Delta R.T. -0.000 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:128 Resp: 33140
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.3 10.6 15.8

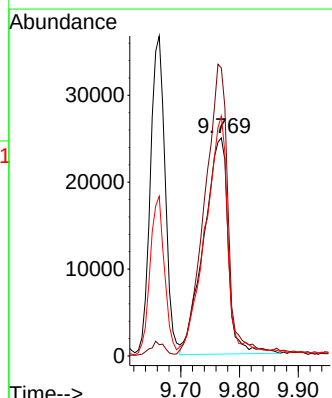
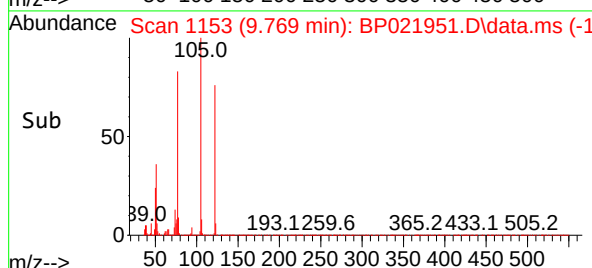
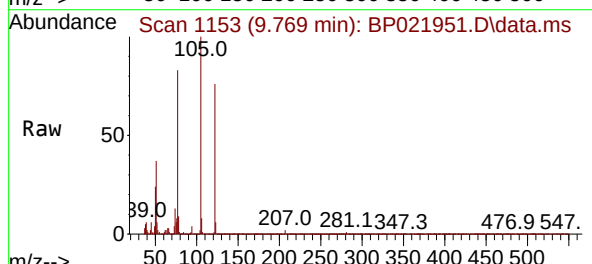
Manual Integrations
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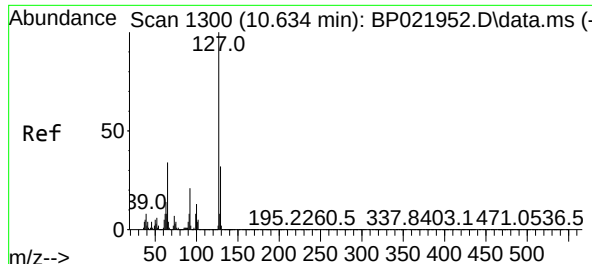
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#32
Benzoic acid
Concen: 18.826 ng
RT: 9.769 min Scan# 1153
Delta R.T. -0.029 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

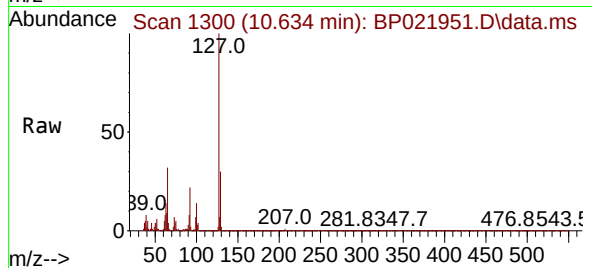
Tgt Ion:122 Resp: 71707
Ion Ratio Lower Upper
122 100
105 132.0 111.3 151.3
77 110.0 86.7 126.7





#33
4-Chloroaniline
Concen: 20.195 ng
RT: 10.634 min Scan# 119590
Delta R.T. 0.000 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

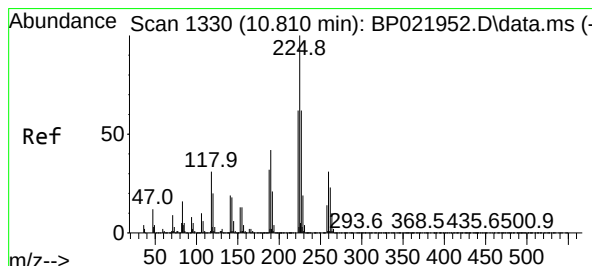
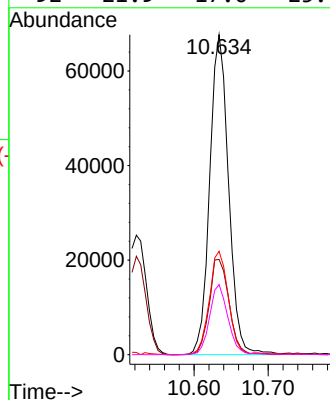
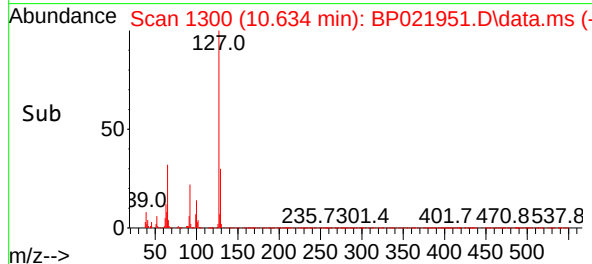
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:127 Resp: 119590
Ion Ratio Lower Upper
127 100
129 29.8 25.4 38.0
65 32.3 27.4 41.2
92 21.9 17.0 25.4

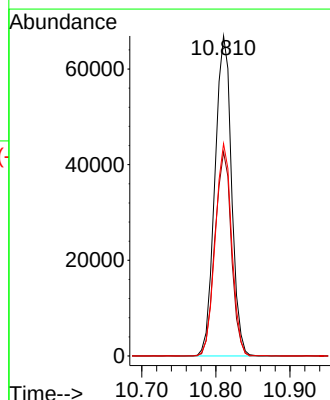
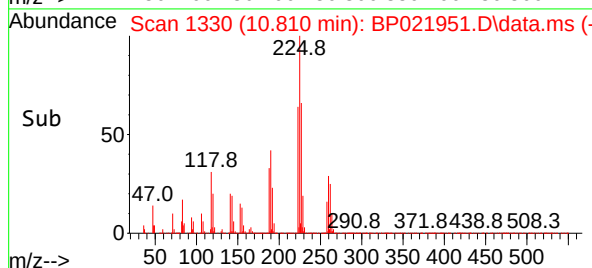
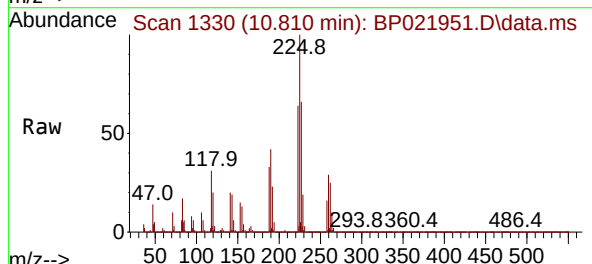
Manual Integrations
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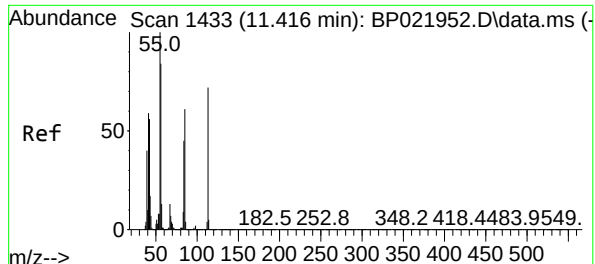
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#34
Hexachlorobutadiene
Concen: 19.673 ng
RT: 10.810 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

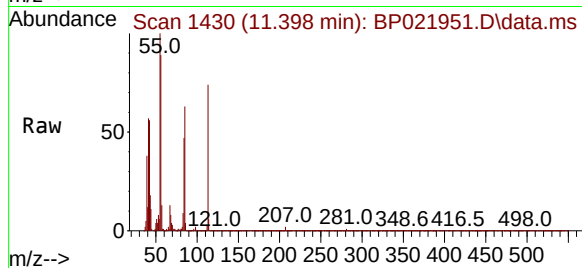
Tgt Ion:225 Resp: 104024
Ion Ratio Lower Upper
225 100
223 63.8 50.0 75.0
227 66.4 49.7 74.5





#35
Caprolactam
Concen: 19.017 ng
RT: 11.398 min Scan# 1433
Delta R.T. -0.018 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

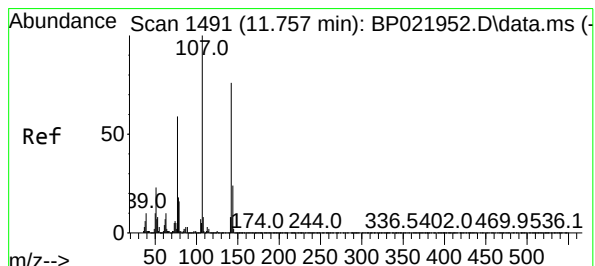
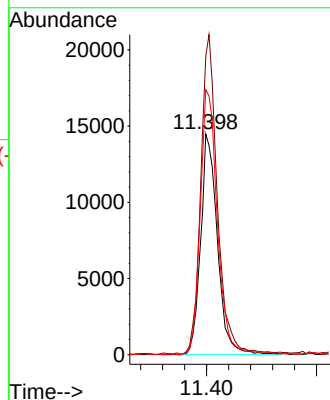
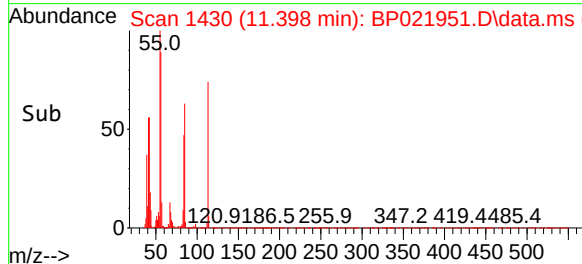
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



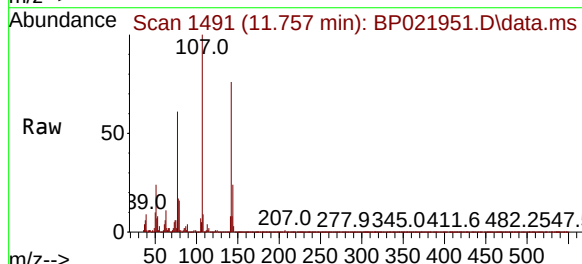
Tgt Ion:113 Resp: 3065
Ion Ratio Lower Upper
113 100
55 135.4 119.4 159.4
56 120.0 97.1 137.1

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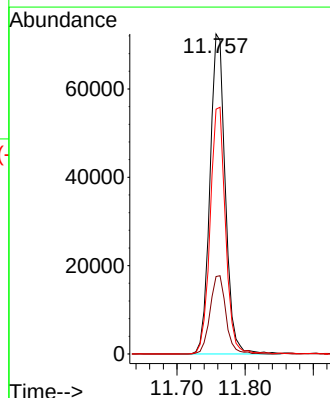
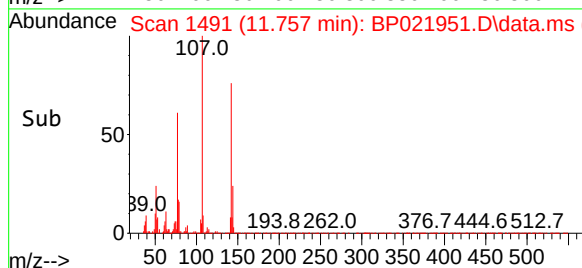
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

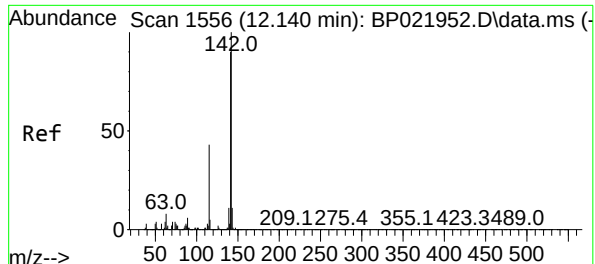


#36
4-Chloro-3-methylphenol
Concen: 19.509 ng
RT: 11.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58



Tgt Ion:107 Resp: 113577
Ion Ratio Lower Upper
107 100
144 24.2 19.0 28.4
142 76.5 60.4 90.6





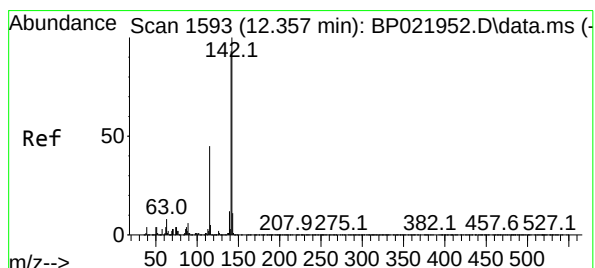
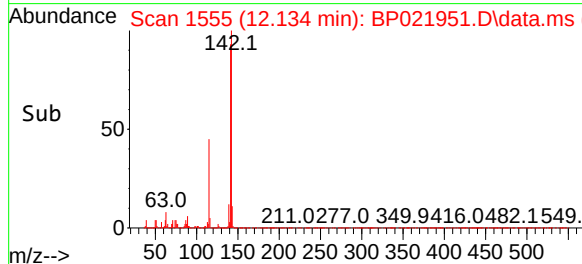
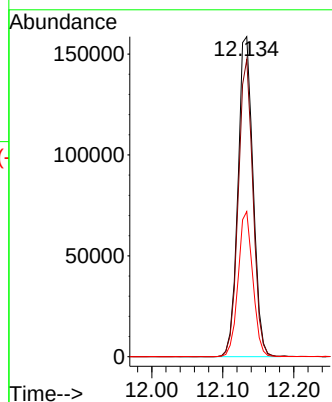
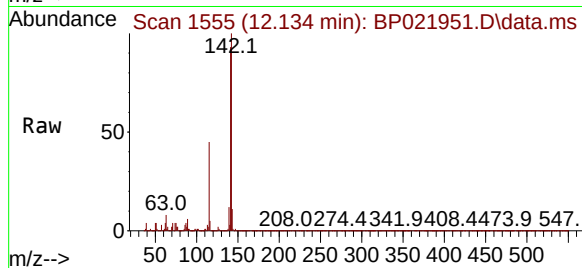
#37
2-Methylnaphthalene
Concen: 19.614 ng
RT: 12.134 min Scan# 1555
Delta R.T. -0.006 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:142 Resp: 235590
Ion Ratio Lower Upper
142 100
141 92.9 71.7 107.5
115 45.3 34.6 51.8

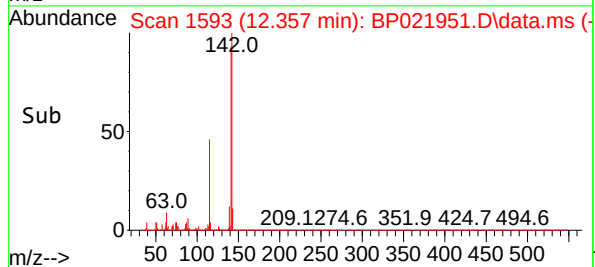
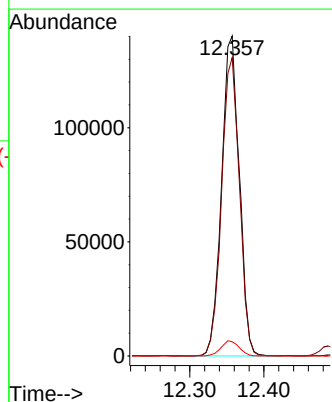
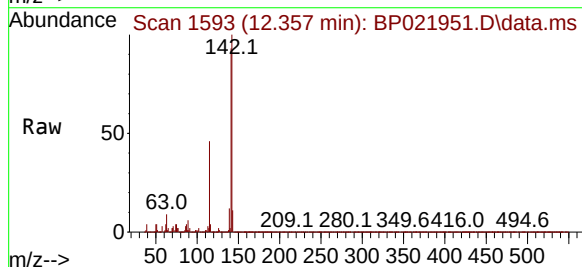
Manual Integrations
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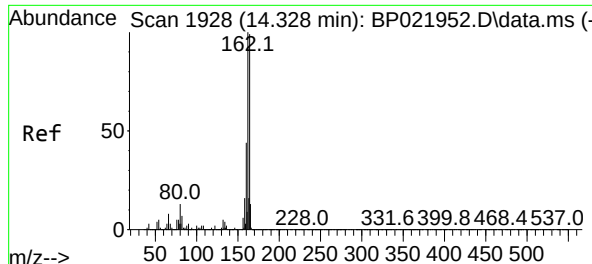
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#38
1-Methylnaphthalene
Concen: 19.659 ng
RT: 12.357 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

Tgt Ion:142 Resp: 233145
Ion Ratio Lower Upper
142 100
141 93.3 74.1 111.1
116 4.4 3.8 5.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.328 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

Instrument :

BNA_P

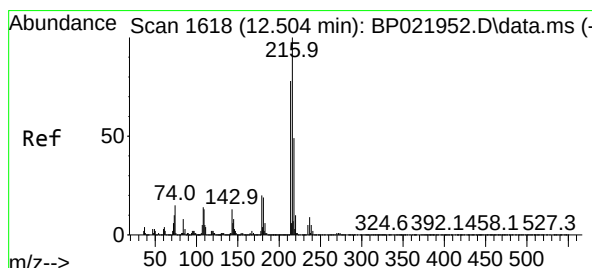
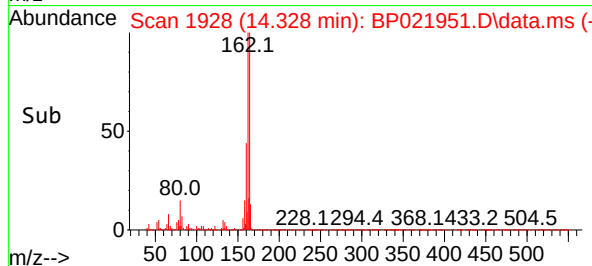
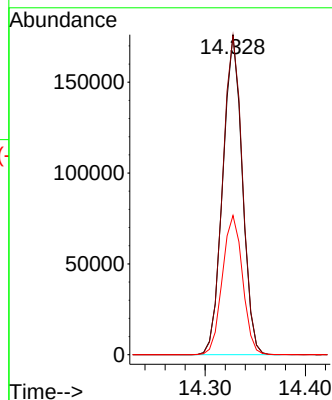
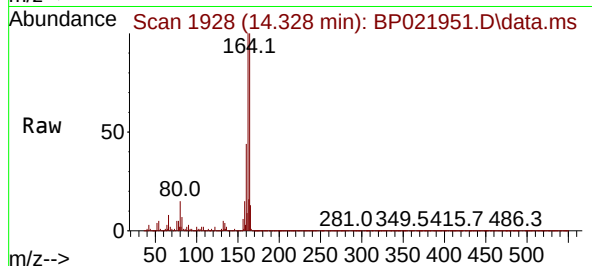
ClientSampleId :

SSTDICC020

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.6	81.2	121.8
160	43.5	35.9	53.9

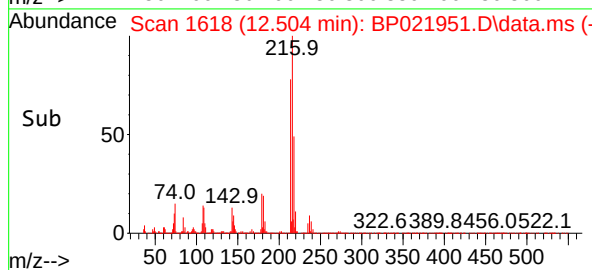
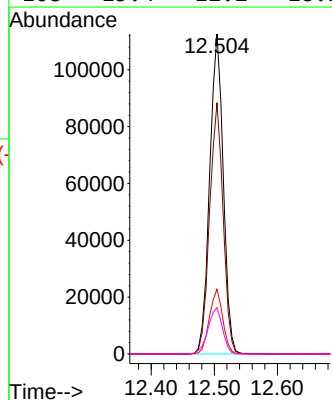
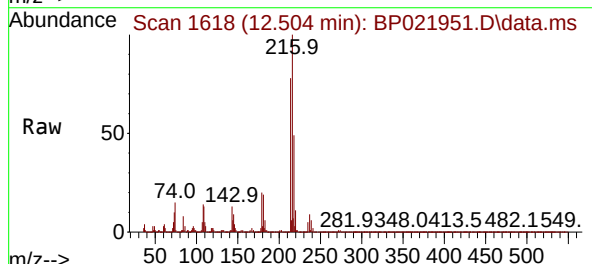
Manual Integrations
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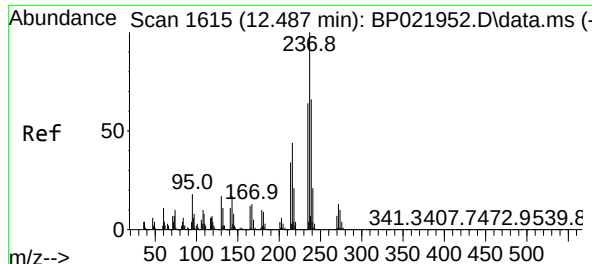
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.258 ng
RT: 12.504 min Scan# 1618
Delta R.T. -0.000 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.8	94.2
179	19.8	16.4	24.6
108	15.4	12.2	18.2





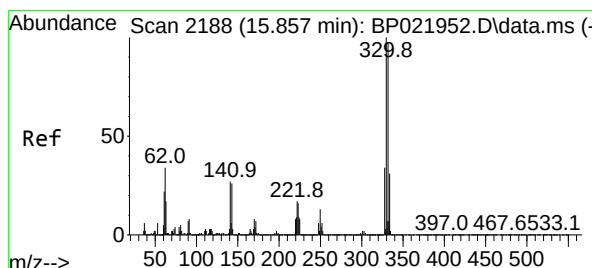
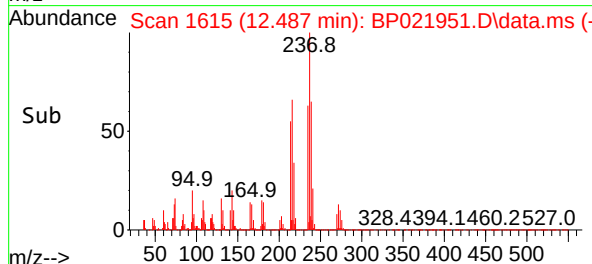
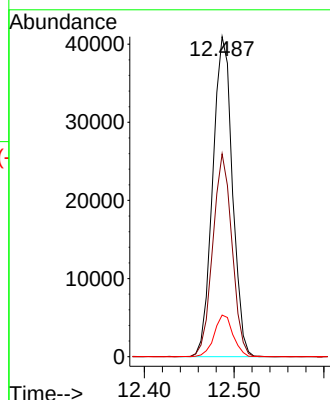
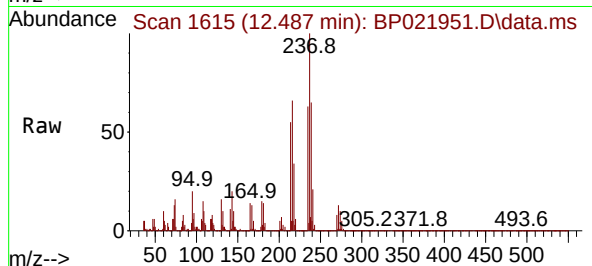
#41
Hexachlorocyclopentadiene
Concen: 20.245 ng
RT: 12.487 min Scan# 1615
Delta R.T. -0.000 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 237 Resp: 62319
Ion Ratio Lower Upper
237 100
235 63.4 44.1 84.1
272 13.0 0.0 33.1

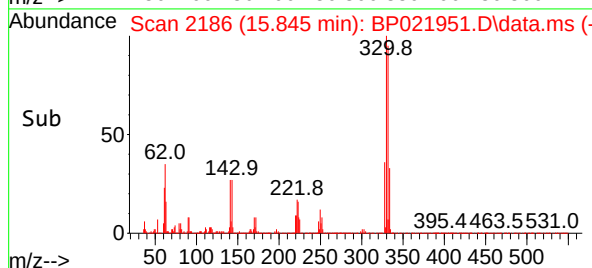
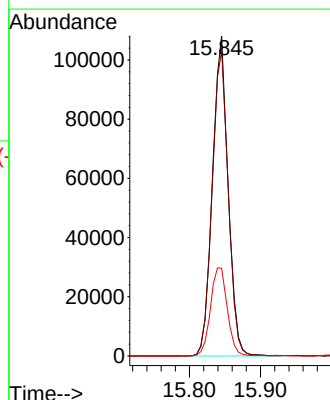
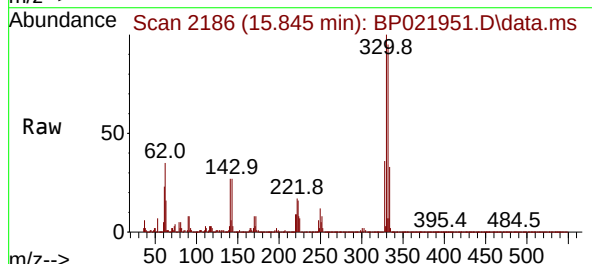
Manual Integrations
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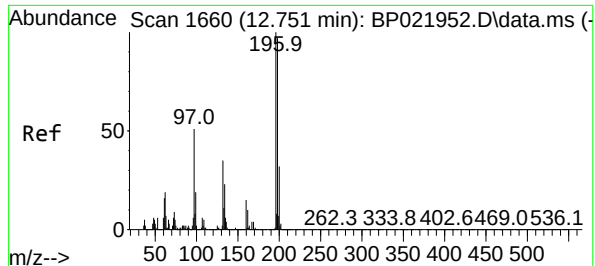
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#42
2,4,6-Tribromophenol
Concen: 37.734 ng
RT: 15.845 min Scan# 2186
Delta R.T. -0.012 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

Tgt Ion: 330 Resp: 165651
Ion Ratio Lower Upper
330 100
332 97.6 77.5 116.3
141 29.6 23.4 35.0





#43

2,4,6-Trichlorophenol

Concen: 19.524 ng

RT: 12.751 min Scan# 1660

Delta R.T. 0.000 min

Lab File: BP021951.D

Acq: 19 Sep 2024 14:58

Instrument :

BNA_P

ClientSampleId :

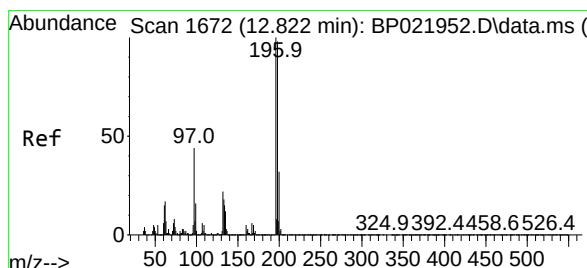
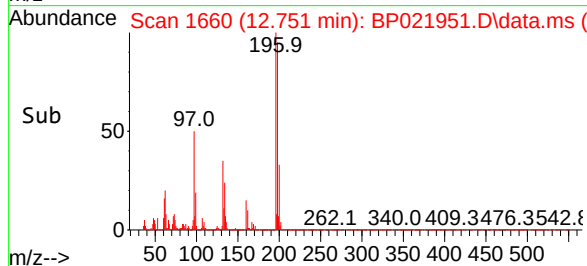
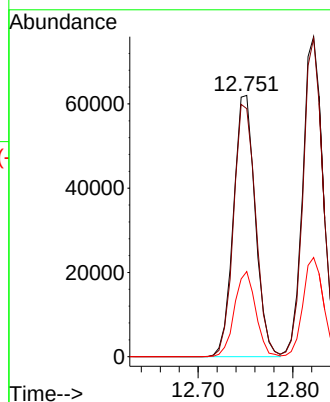
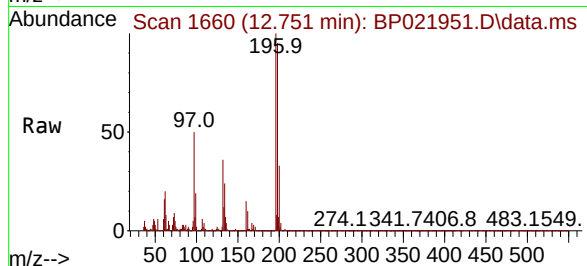
SSTDICC020

Tgt Ion:	196	Resp:	99279
Ion	Ratio	Lower	Upper
196	100		
198	94.9	77.6	116.4
200	32.6	25.8	38.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#44

2,4,5-Trichlorophenol

Concen: 19.873 ng

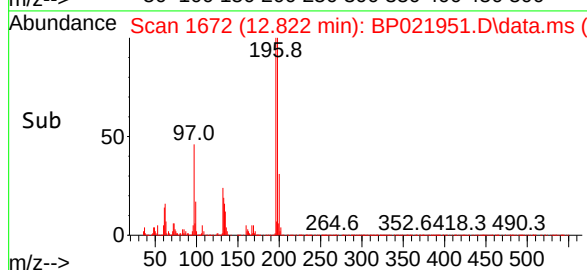
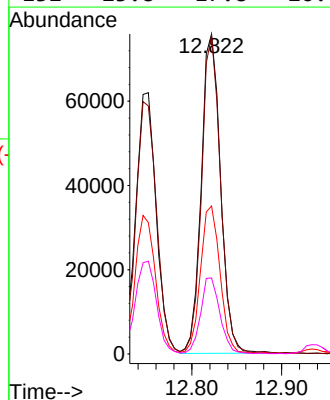
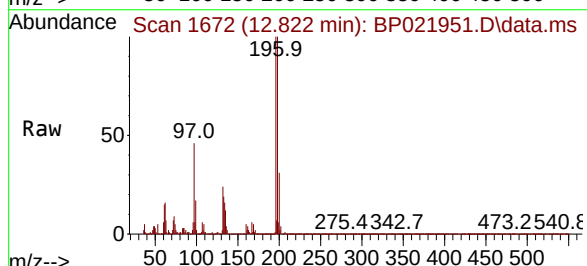
RT: 12.822 min Scan# 1672

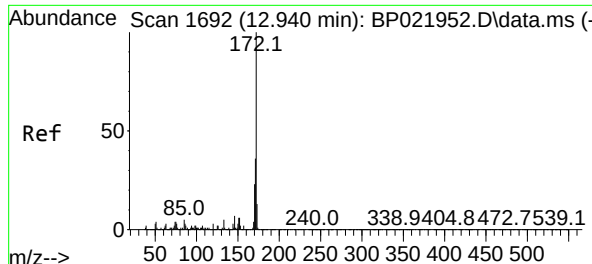
Delta R.T. -0.000 min

Lab File: BP021951.D

Acq: 19 Sep 2024 14:58

Tgt Ion:	196	Resp:	113362
Ion	Ratio	Lower	Upper
196	100		
198	99.5	78.2	117.4
97	46.3	35.0	52.4
132	23.8	17.8	26.8





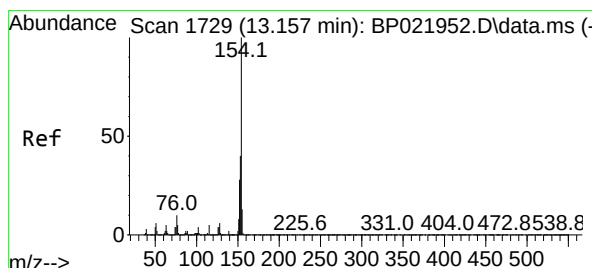
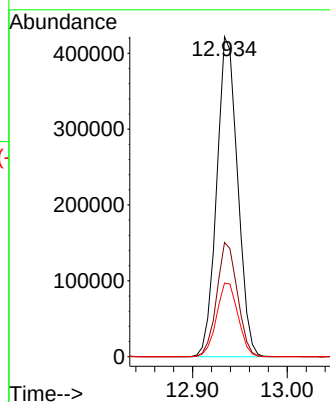
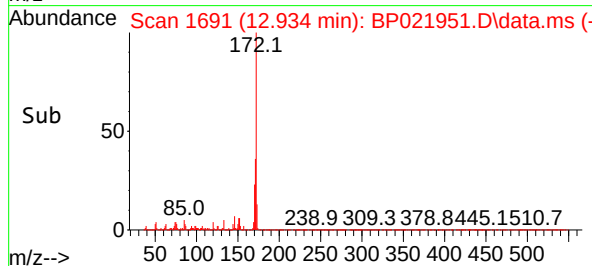
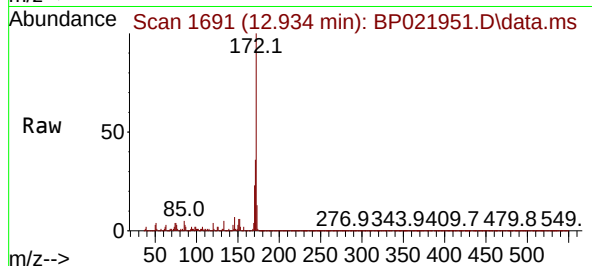
#45
2-Fluorobiphenyl
Concen: 39.950 ng
RT: 12.934 min Scan# 1691
Delta R.T. -0.006 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:172 Resp: 648060
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.0 18.8 28.2

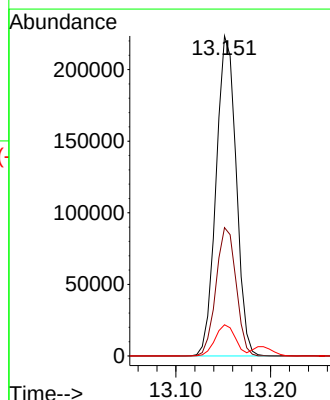
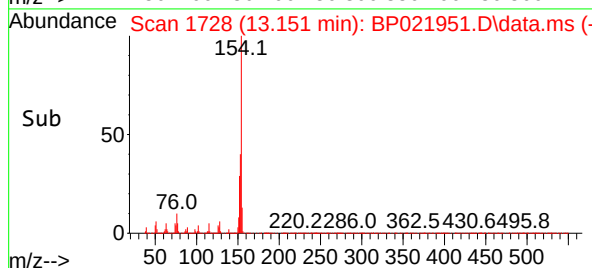
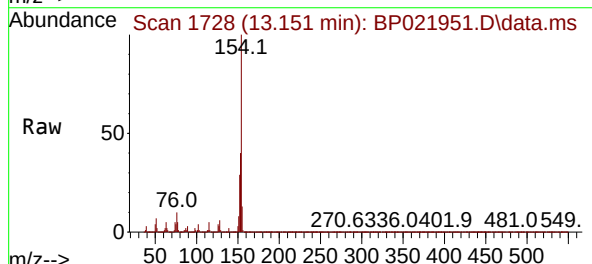
Manual Integrations
APPROVED

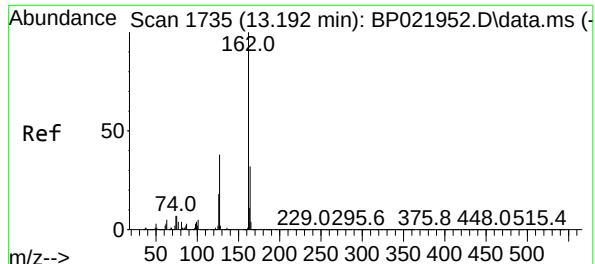
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#46
1,1'-Biphenyl
Concen: 20.390 ng
RT: 13.151 min Scan# 1728
Delta R.T. -0.006 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

Tgt Ion:154 Resp: 329223
Ion Ratio Lower Upper
154 100
153 40.1 20.2 60.2
76 9.8 0.0 29.9





#47

2-Chloronaphthalene

Concen: 20.116 ng

RT: 13.192 min Scan# 1735

Delta R.T. -0.000 min

Lab File: BP021951.D

Acq: 19 Sep 2024 14:58

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:162 Resp: 262614

Ion Ratio Lower Upper

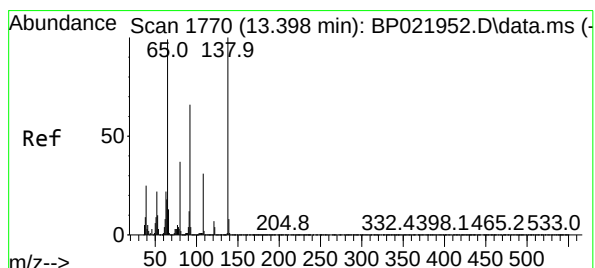
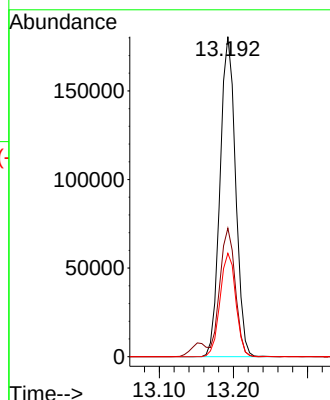
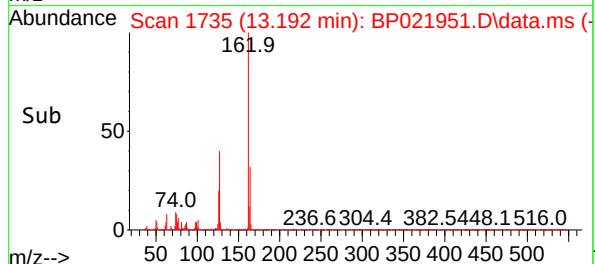
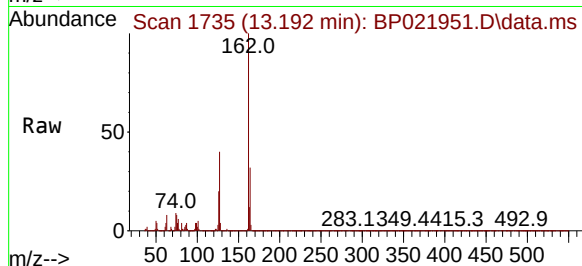
162 100

127 40.1 31.7 47.5

164 32.3 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#48

2-Nitroaniline

Concen: 19.895 ng

RT: 13.392 min Scan# 1769

Delta R.T. -0.006 min

Lab File: BP021951.D

Acq: 19 Sep 2024 14:58

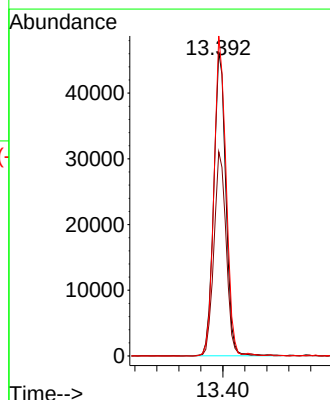
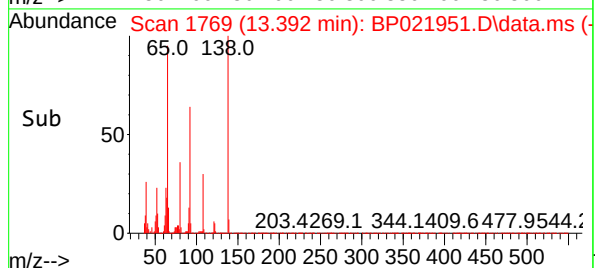
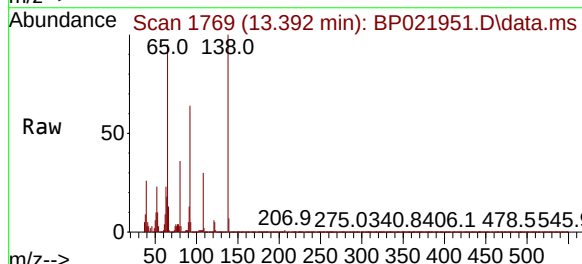
Tgt Ion: 65 Resp: 70925

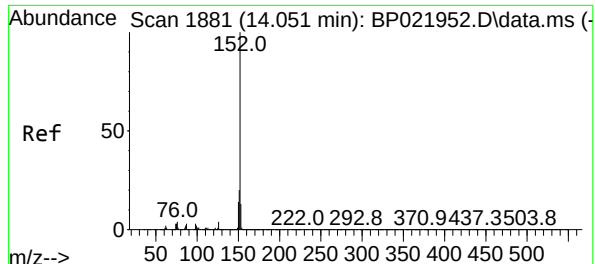
Ion Ratio Lower Upper

65 100

92 67.1 53.2 79.8

138 105.2 81.1 121.7





#49

Acenaphthylene

Concen: 20.147 ng

RT: 14.045 min Scan# 1880

Delta R.T. -0.006 min

Lab File: BP021951.D

Acq: 19 Sep 2024 14:58

Instrument :

BNA_P

ClientSampleId :

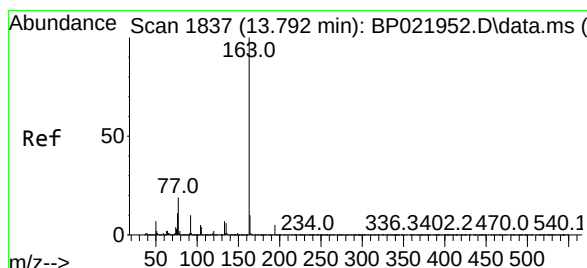
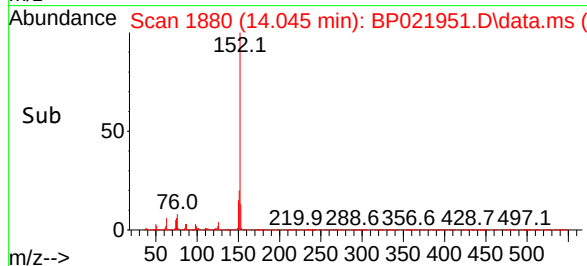
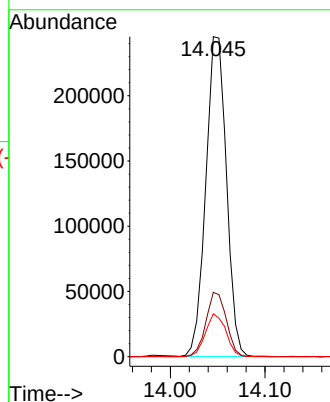
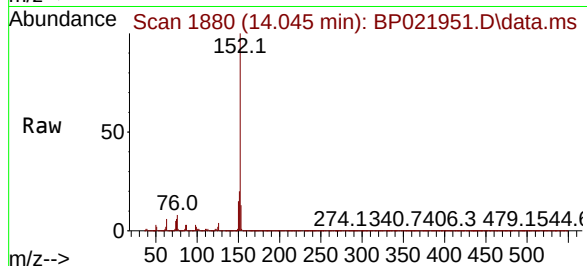
SSTDICC020

Tgt Ion:	152	Resp:	37115
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.0	24.0
153	13.4	10.8	16.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#50

Dimethylphthalate

Concen: 19.712 ng

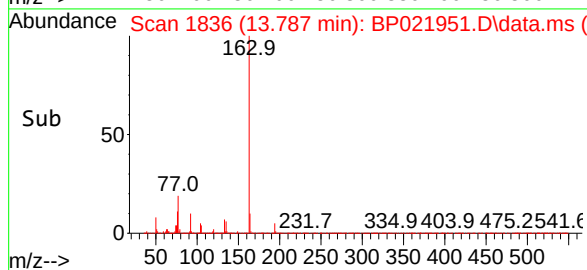
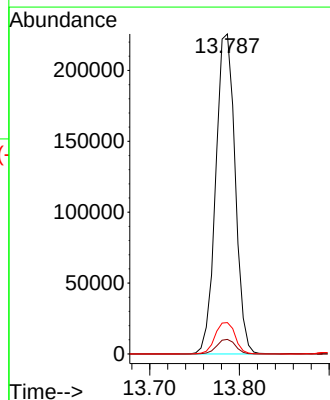
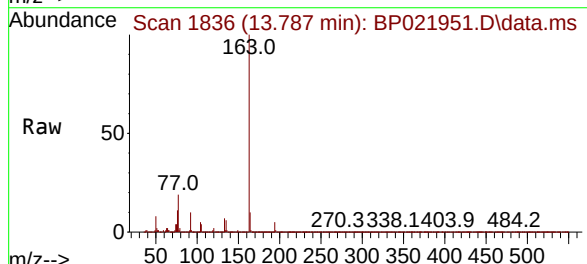
RT: 13.787 min Scan# 1836

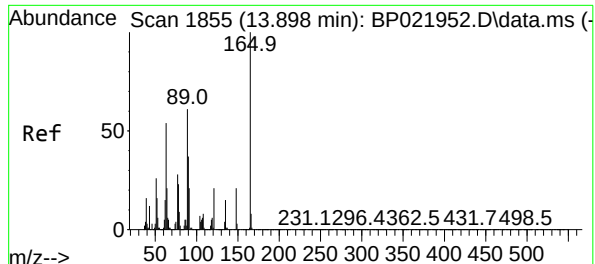
Delta R.T. -0.006 min

Lab File: BP021951.D

Acq: 19 Sep 2024 14:58

Tgt Ion:	163	Resp:	338551
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.6	5.4
164	9.8	8.0	12.0





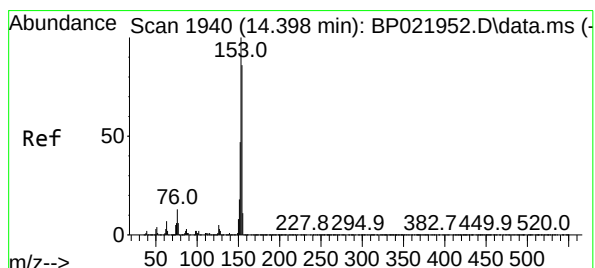
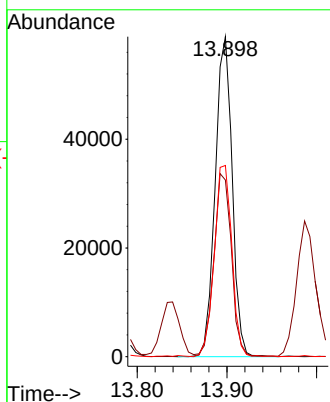
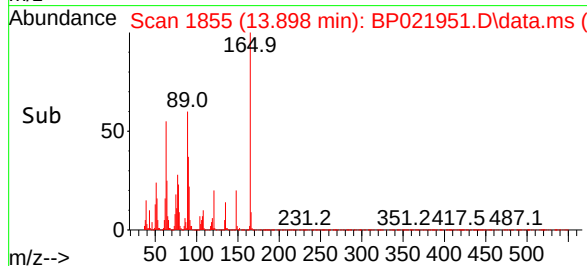
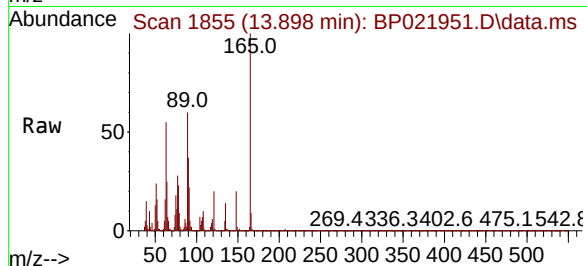
#51
2,6-Dinitrotoluene
Concen: 20.173 ng
RT: 13.898 min Scan# 1855
Delta R.T. 0.000 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 7720
Ion Ratio Lower Upper
165 100
63 55.2 46.4 69.6
89 59.7 48.5 72.7

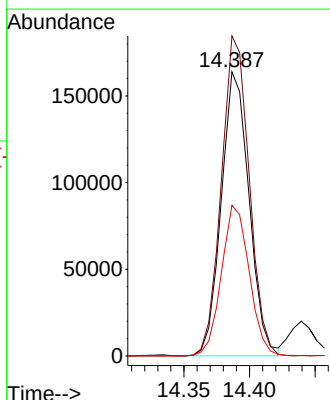
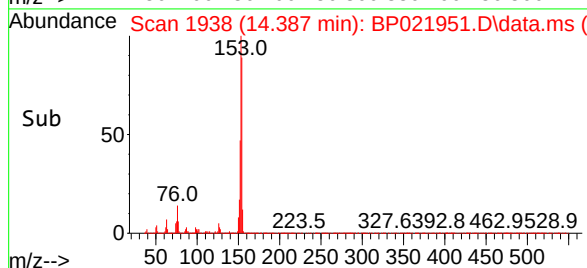
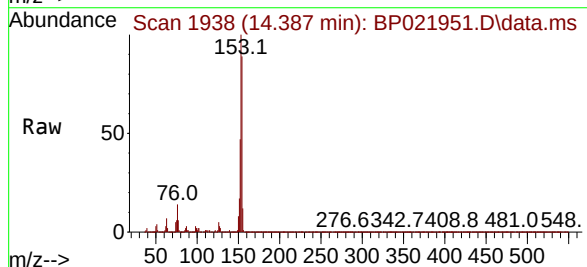
Manual Integrations
APPROVED

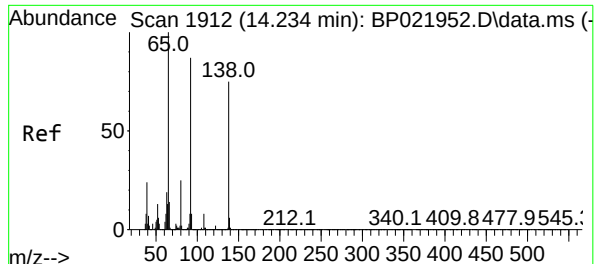
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#52
Acenaphthene
Concen: 20.119 ng
RT: 14.387 min Scan# 1938
Delta R.T. -0.012 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

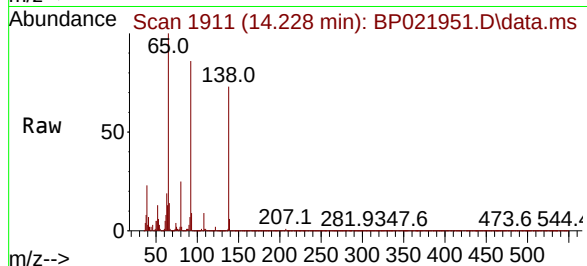
Tgt Ion:154 Resp: 241219
Ion Ratio Lower Upper
154 100
153 112.6 92.7 139.1
152 53.0 43.6 65.4





#53
3-Nitroaniline
Concen: 19.551 ng
RT: 14.228 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

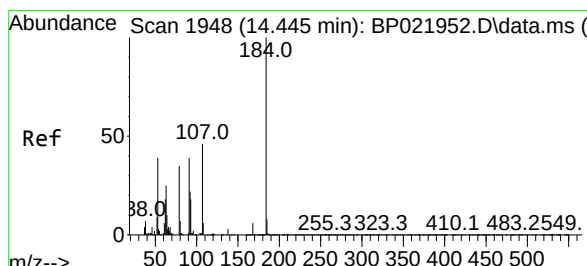
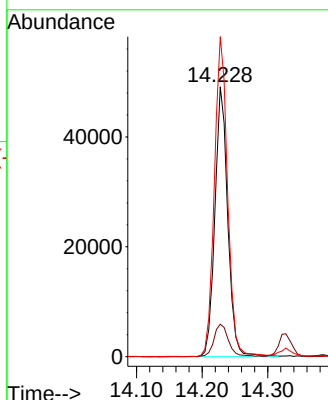
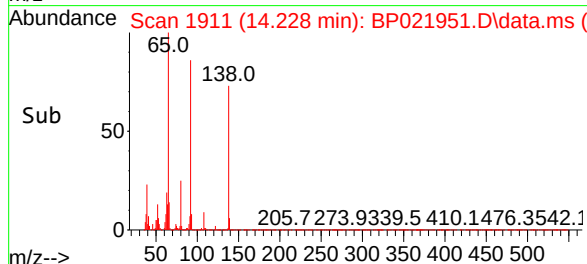
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:138 Resp: 66684
Ion Ratio Lower Upper
138 100
108 12.0 9.0 13.4
92 118.6 92.8 139.2

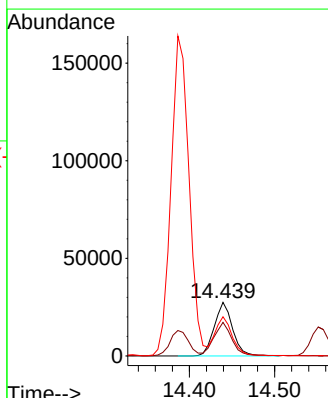
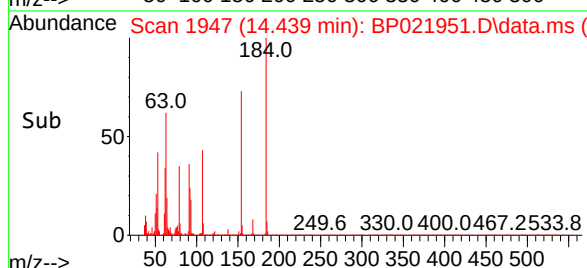
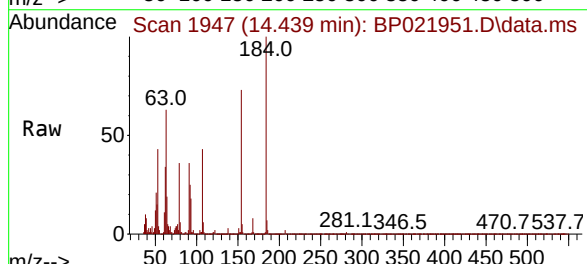
Manual Integrations
APPROVED

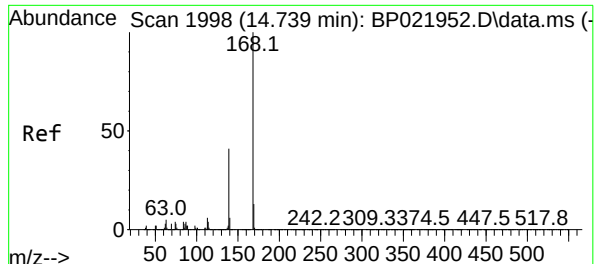
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#54
2,4-Dinitrophenol
Concen: 18.266 ng
RT: 14.439 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

Tgt Ion:184 Resp: 40958
Ion Ratio Lower Upper
184 100
63 62.6 49.0 73.6
154 73.0 58.1 87.1





#55

Dibenzenofuran

Concen: 20.114 ng

RT: 14.734 min Scan# 1998

Delta R.T. -0.006 min

Lab File: BP021951.D

Acq: 19 Sep 2024 14:58

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:168 Resp: 405339

Ion Ratio Lower Upper

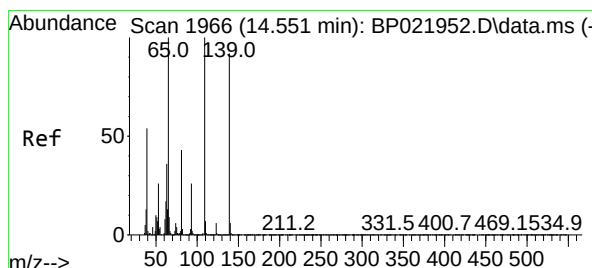
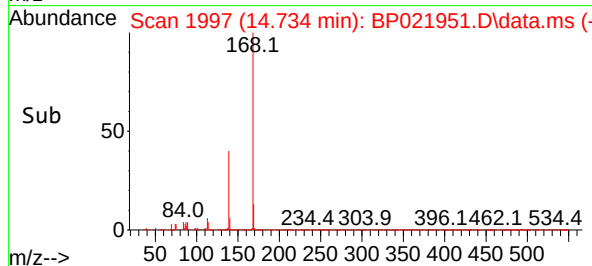
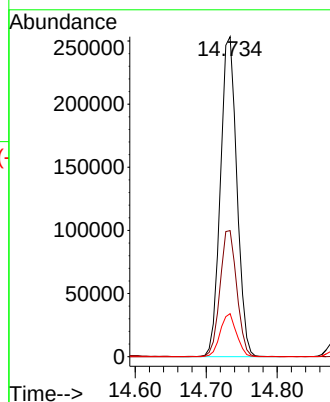
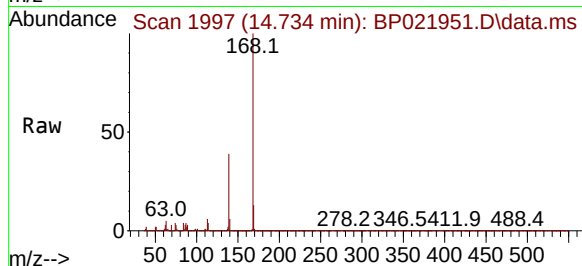
168 100

139 39.4 33.0 49.4

169 13.4 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#56

4-Nitrophenol

Concen: 20.241 ng

RT: 14.551 min Scan# 1966

Delta R.T. -0.000 min

Lab File: BP021951.D

Acq: 19 Sep 2024 14:58

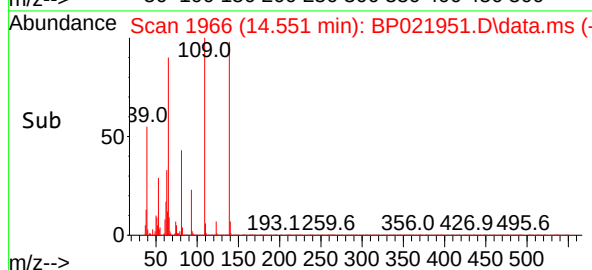
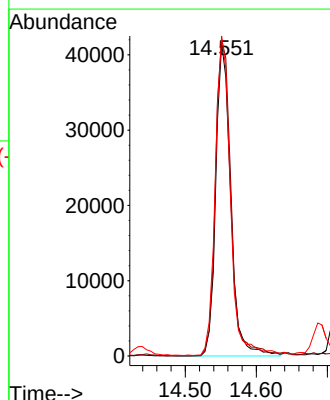
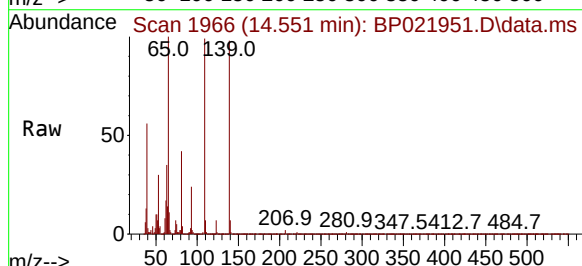
Tgt Ion:139 Resp: 60090

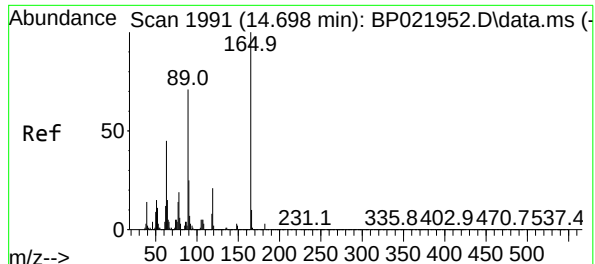
Ion Ratio Lower Upper

139 100

109 101.2 88.6 128.6

65 102.4 88.7 128.7





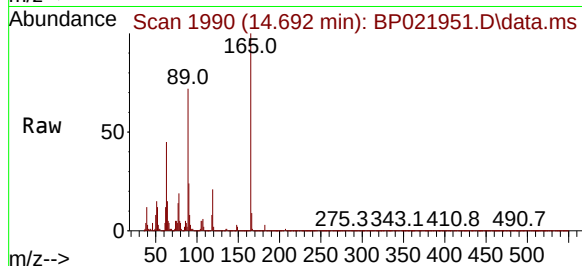
#57
2,4-Dinitrotoluene
Concen: 19.421 ng
RT: 14.692 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

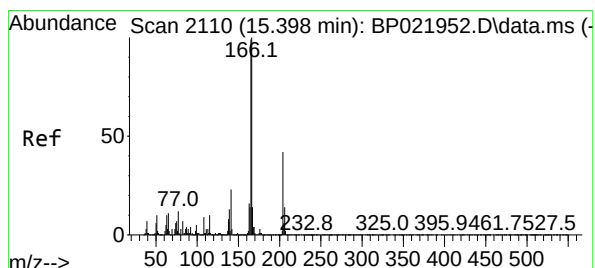
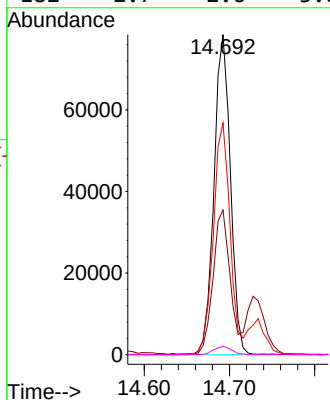
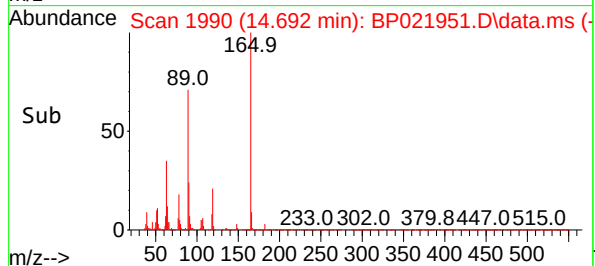


Tgt Ion:165 Resp: 10507
Ion Ratio Lower Upper
165 100
63 45.2 36.3 54.5
89 72.4 57.2 85.8
182 2.7 2.6 3.8

Manual Integrations

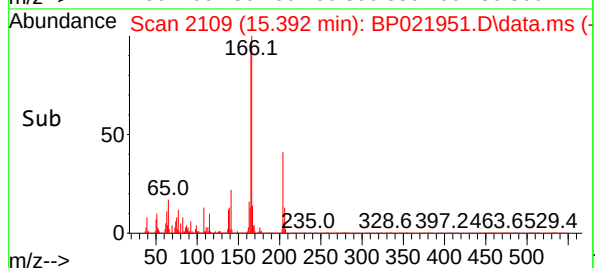
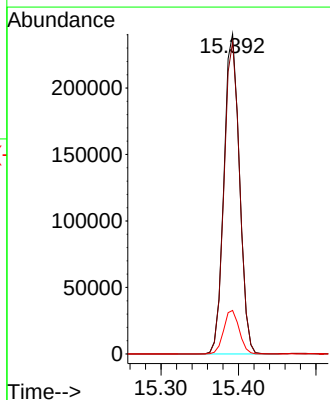
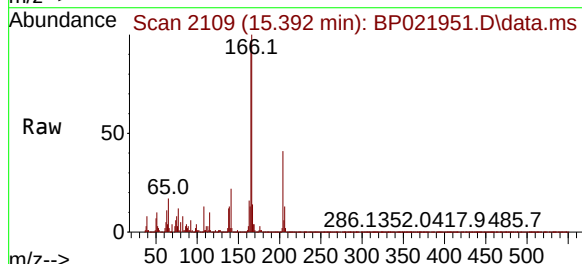
APPROVED

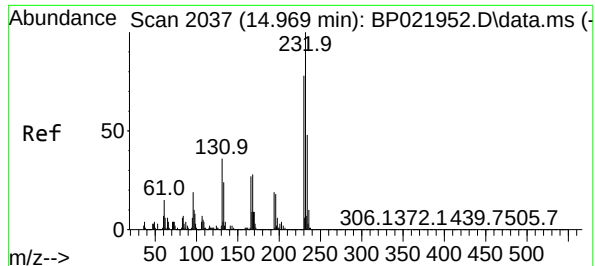
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#58
Fluorene
Concen: 19.879 ng
RT: 15.392 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

Tgt Ion:166 Resp: 334549
Ion Ratio Lower Upper
166 100
165 97.5 79.4 119.2
167 13.6 10.9 16.3





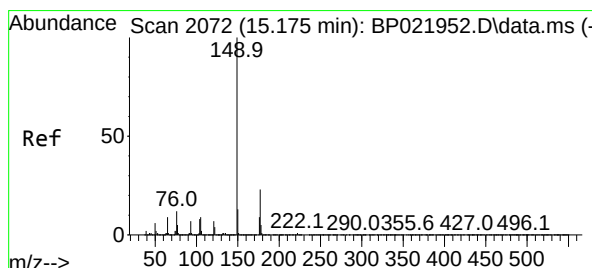
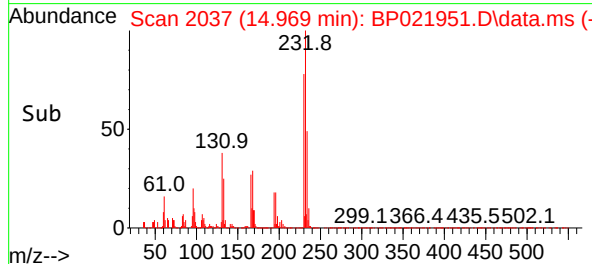
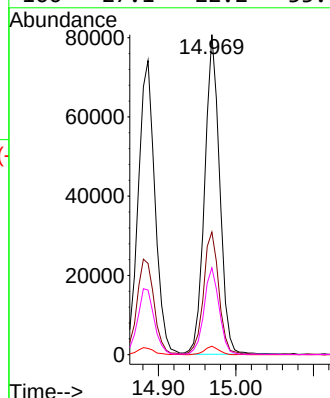
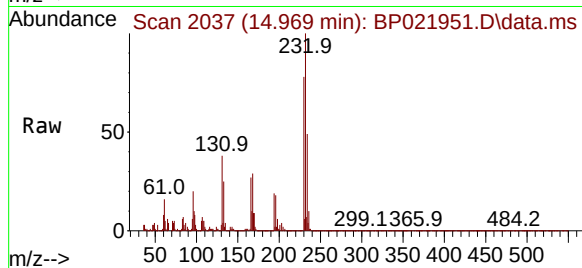
#59
2,3,4,6-Tetrachlorophenol
Concen: 19.682 ng
RT: 14.969 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion	Ratio	Lower	Upper
232	100		
131	39.3	30.2	45.4
130	2.5	1.9	2.9
166	27.1	22.2	33.4

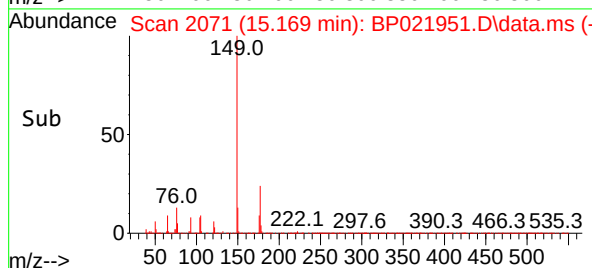
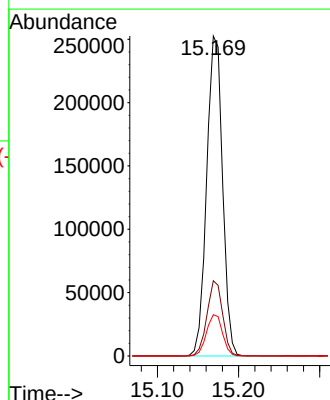
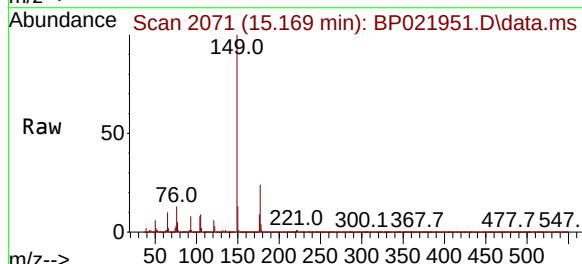
Manual Integrations
APPROVED

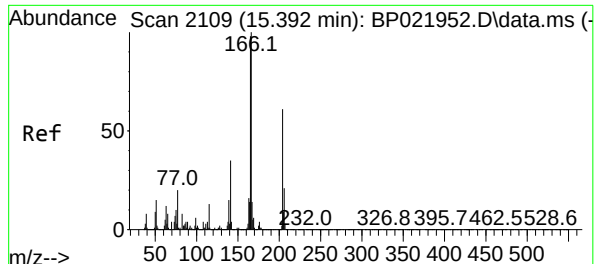
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#60
Diethylphthalate
Concen: 19.605 ng
RT: 15.169 min Scan# 2071
Delta R.T. -0.006 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

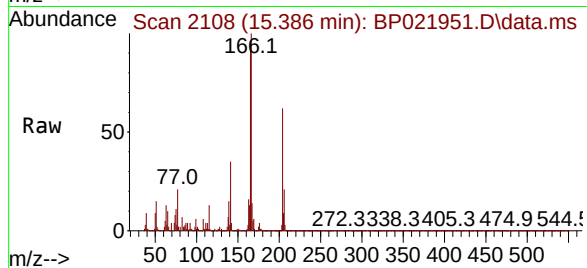
Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.2	27.4
150	12.9	10.1	15.1





#61
4-Chlorophenyl-phenylether
Concen: 19.763 ng
RT: 15.386 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

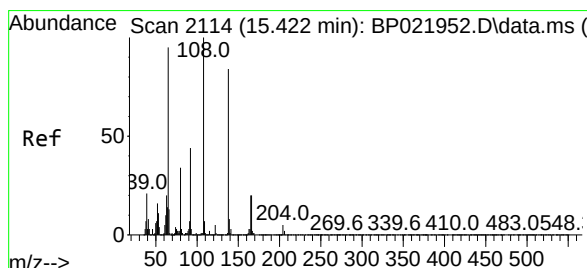
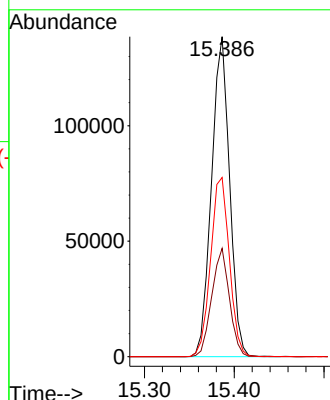
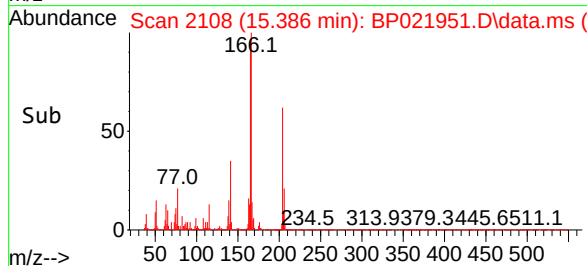
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



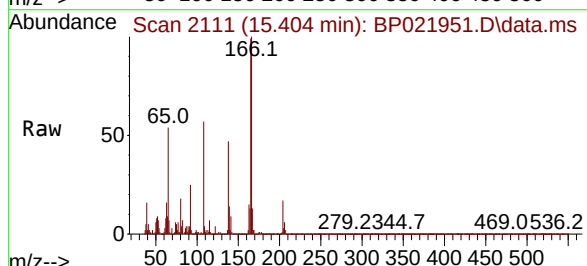
Tgt Ion: 204 Resp: 19363
Ion Ratio Lower Upper
204 100
206 33.9 27.3 40.9
141 56.0 45.7 68.5

Manual Integrations
APPROVED

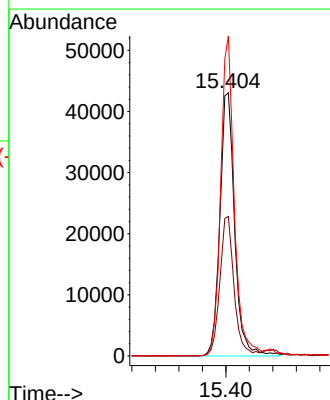
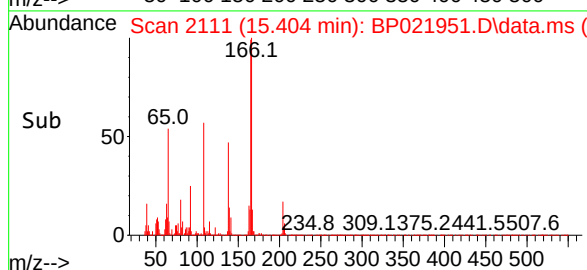
Reviewed By : Jagrut Upadhyay 09/20/2024
Supervised By : mohammad ahmed 09/22/2024

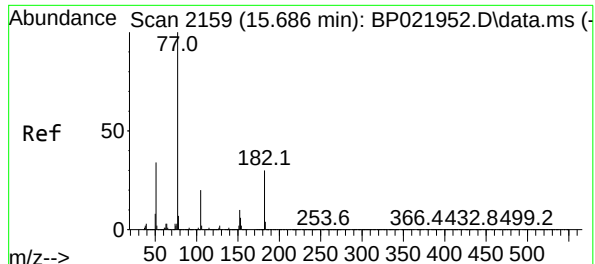


#62
4-Nitroaniline
Concen: 20.079 ng
RT: 15.404 min Scan# 2111
Delta R.T. -0.018 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58



Tgt Ion: 138 Resp: 74787
Ion Ratio Lower Upper
138 100
92 53.0 32.6 72.6
108 121.6 98.6 138.6





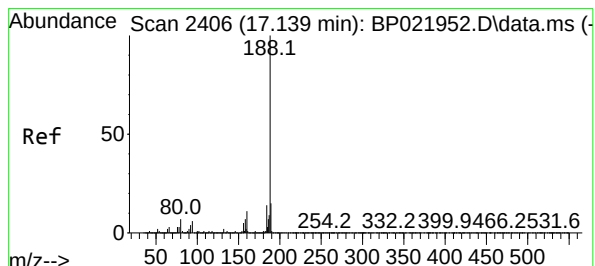
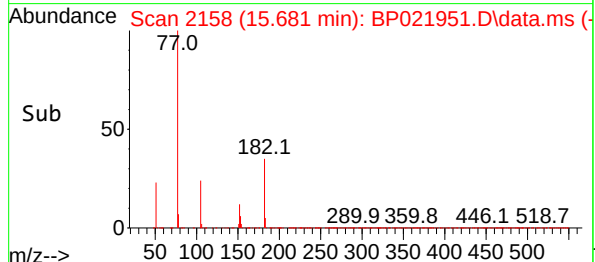
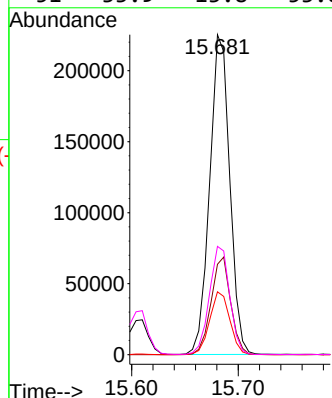
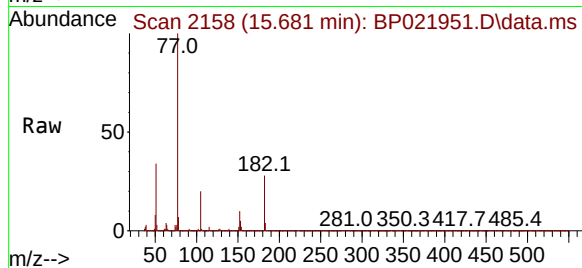
#63
Azobenzene
Concen: 20.388 ng
RT: 15.681 min Scan# 2158
Delta R.T. -0.006 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 29445
Ion Ratio Lower Upper
77 100
182 28.3 9.6 49.6
105 19.7 0.0 39.8
51 33.9 13.8 53.8

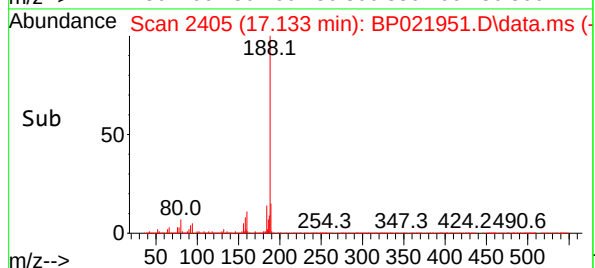
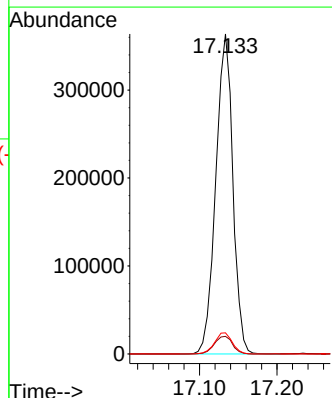
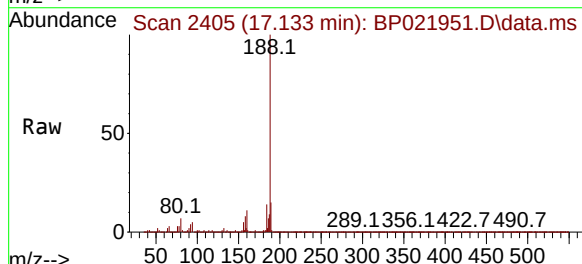
Manual Integrations
APPROVED

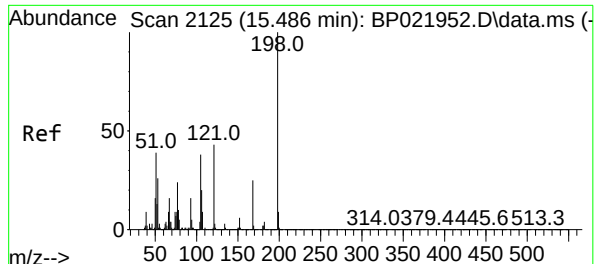
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

Tgt Ion:188 Resp: 555972
Ion Ratio Lower Upper
188 100
94 5.5 4.6 6.8
80 6.6 5.4 8.2





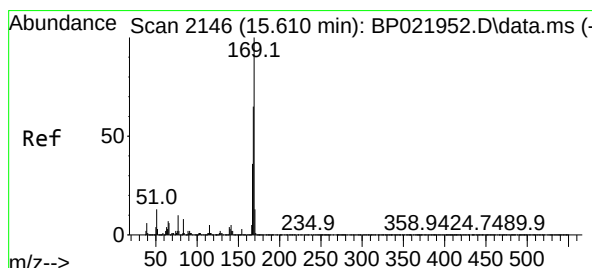
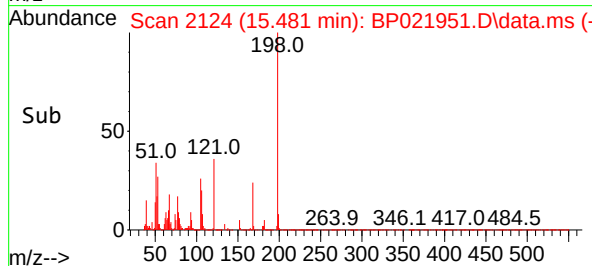
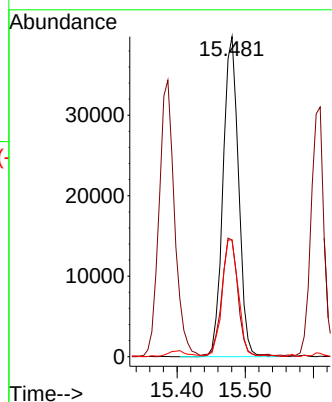
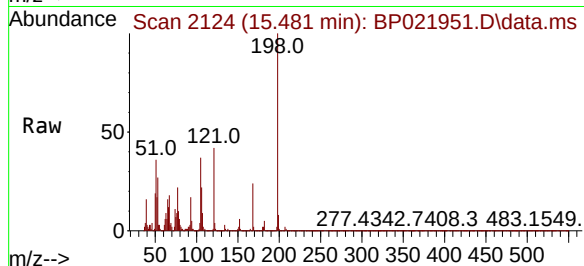
#65
4,6-Dinitro-2-methylphenol
Concen: 19.606 ng
RT: 15.481 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 63180
Ion Ratio Lower Upper
198 100
51 36.4 20.7 60.7
105 36.5 18.4 58.4

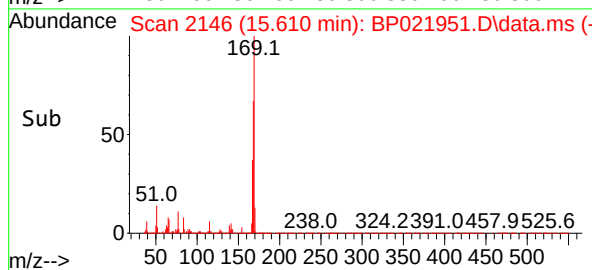
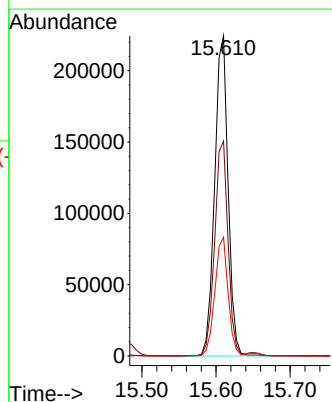
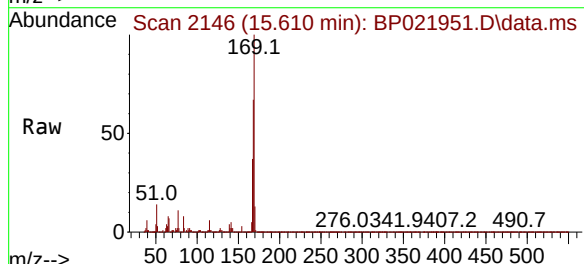
Manual Integrations
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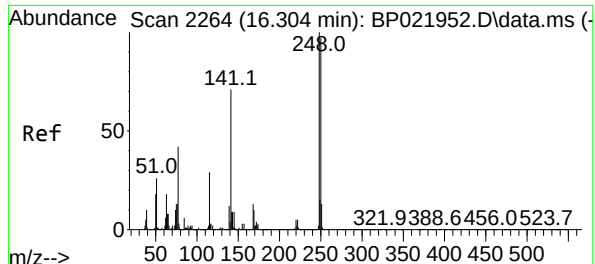
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#66
n-Nitrosodiphenylamine
Concen: 20.358 ng
RT: 15.610 min Scan# 2146
Delta R.T. -0.000 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

Tgt Ion:169 Resp: 281823
Ion Ratio Lower Upper
169 100
168 67.1 52.2 78.4
167 37.1 28.6 42.8





#67

4-Bromophenyl-phenylether

Concen: 20.067 ng

RT: 16.304 min Scan# 2264

Delta R.T. -0.000 min

Lab File: BP021951.D

Acq: 19 Sep 2024 14:58

Instrument :

BNA_P

ClientSampleId :

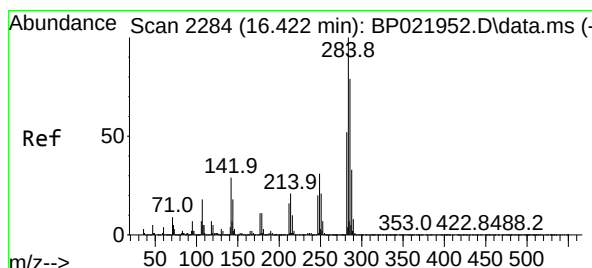
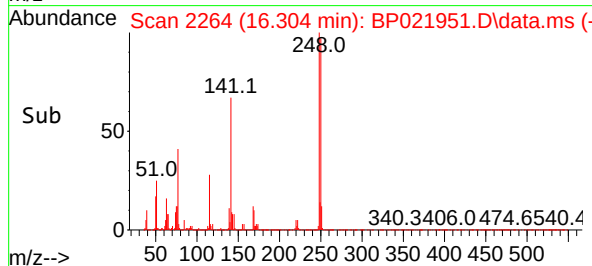
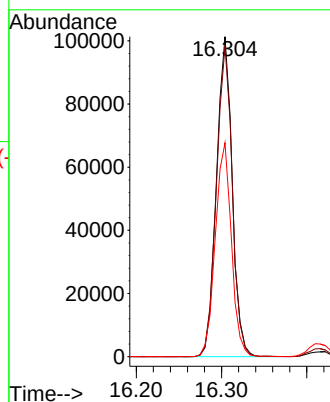
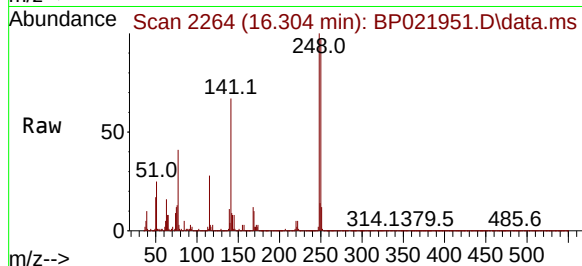
SSTDICC020

Tgt Ion:	248	Resp:	13005
Ion Ratio	Lower	Upper	
248	100		
250	97.0	77.5	116.3
141	66.8	56.5	84.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/22/2024



#68

Hexachlorobenzene

Concen: 20.143 ng

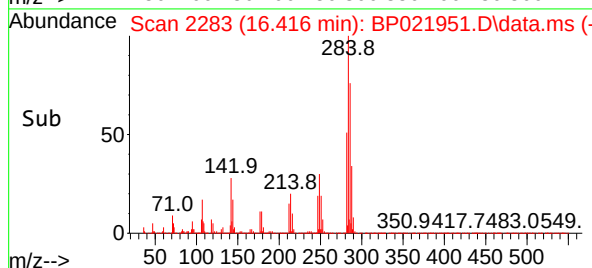
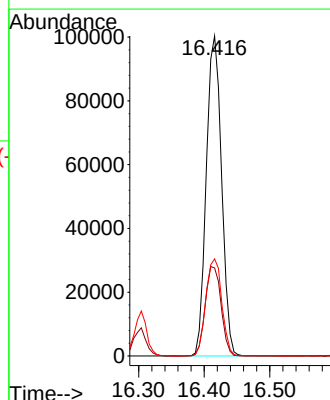
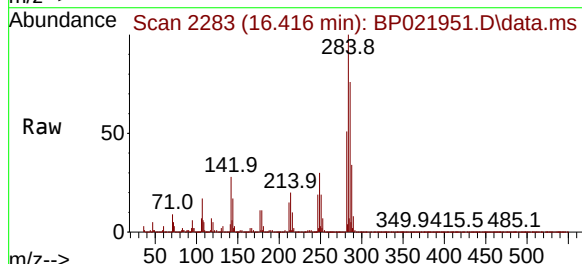
RT: 16.416 min Scan# 2283

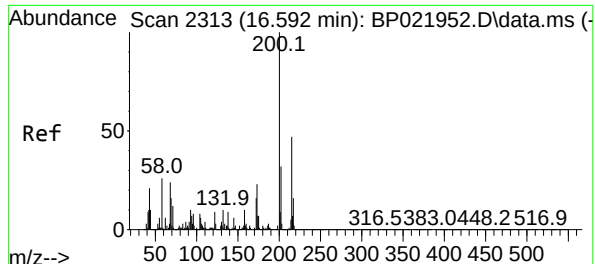
Delta R.T. -0.006 min

Lab File: BP021951.D

Acq: 19 Sep 2024 14:58

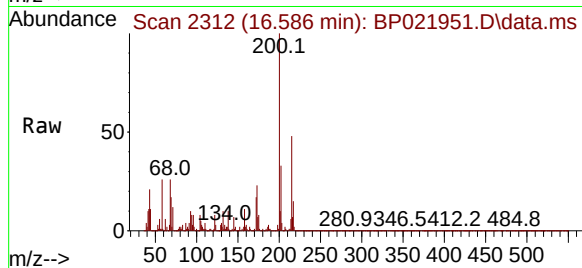
Tgt Ion:	284	Resp:	162764
Ion Ratio	Lower	Upper	
284	100		
142	27.5	22.9	34.3
249	30.4	25.2	37.8





#69
Atrazine
Concen: 22.688 ng
RT: 16.586 min Scan# 211
Delta R.T. -0.006 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

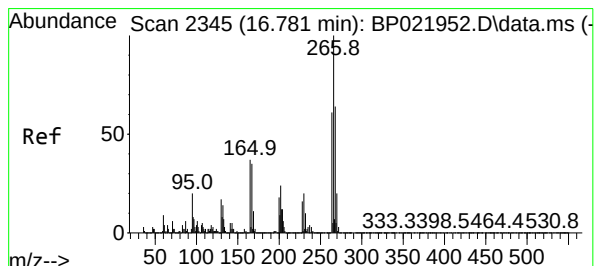
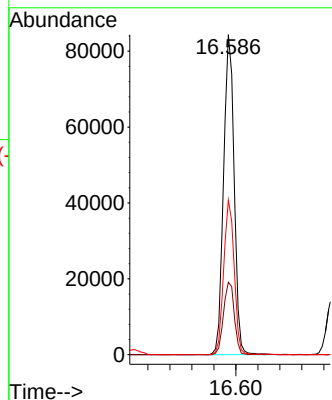
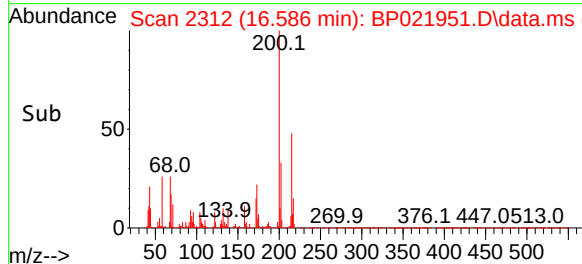
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:200 Resp: 11253
Ion Ratio Lower Upper
200 100
173 22.7 3.0 43.0
215 48.4 27.4 67.4

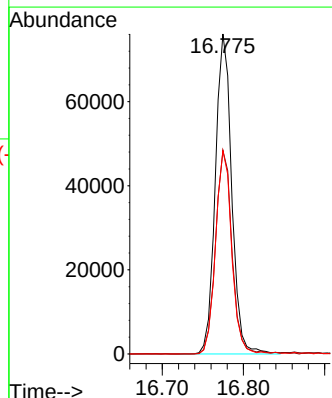
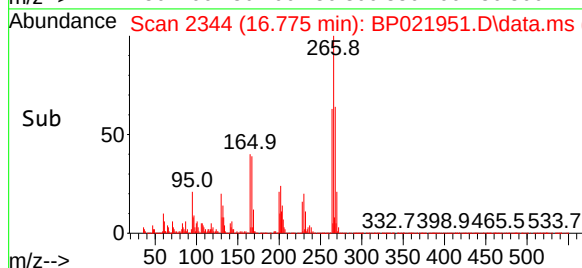
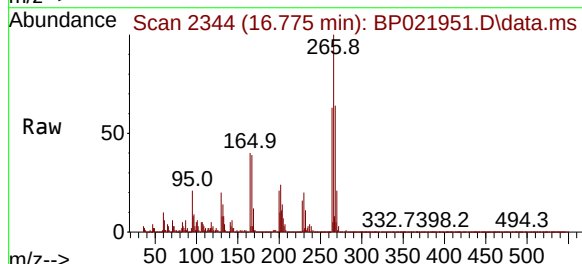
Manual Integrations
APPROVED

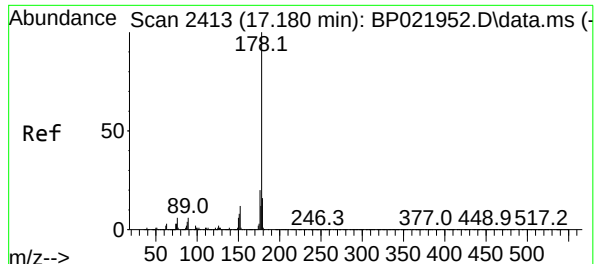
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#70
Pentachlorophenol
Concen: 19.591 ng
RT: 16.775 min Scan# 2344
Delta R.T. -0.006 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

Tgt Ion:266 Resp: 106502
Ion Ratio Lower Upper
266 100
268 63.6 51.1 76.7
264 63.5 48.6 72.8





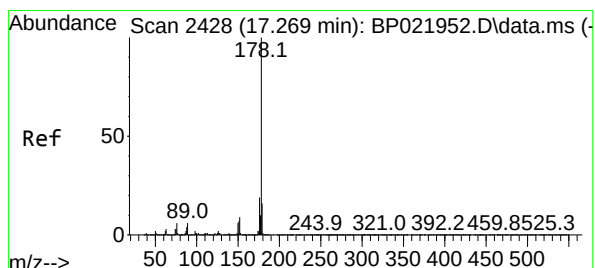
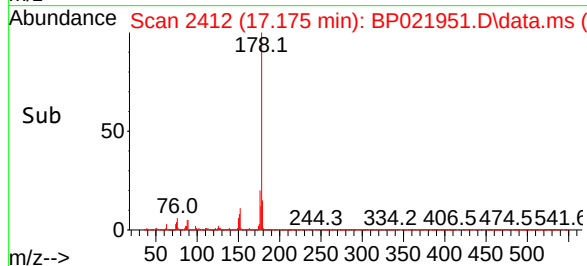
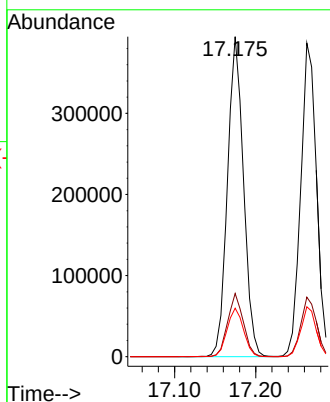
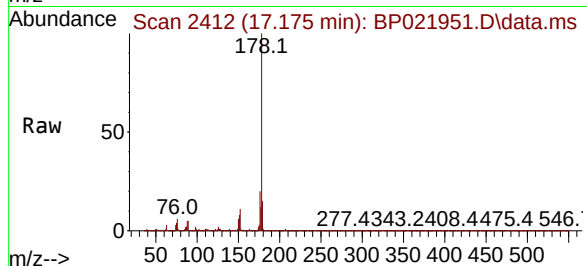
#71
Phenanthrene
Concen: 20.319 ng
RT: 17.175 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:178 Resp: 542275
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 15.2 12.5 18.7

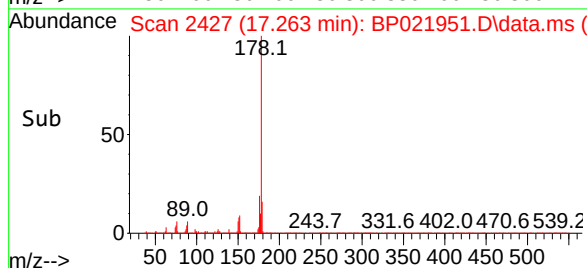
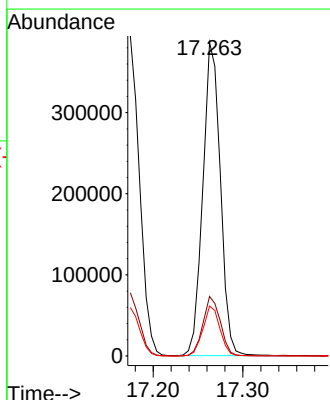
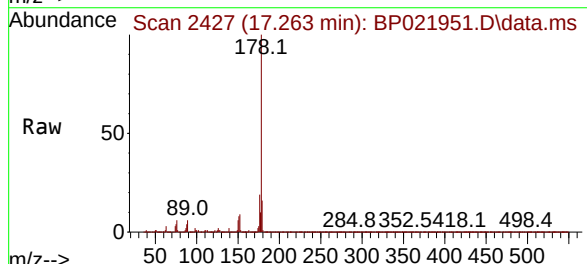
Manual Integrations
APPROVED

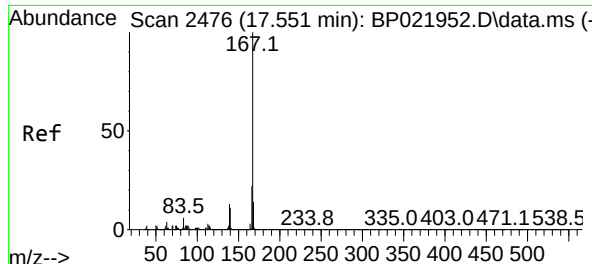
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#72
Anthracene
Concen: 20.323 ng
RT: 17.263 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

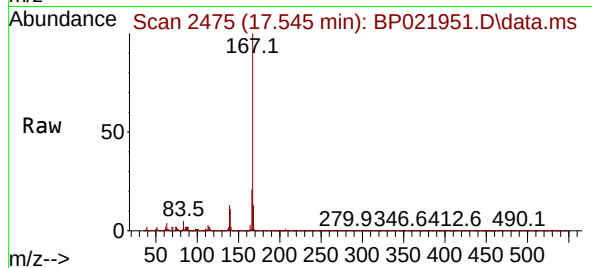
Tgt Ion:178 Resp: 525040
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 15.9 12.6 18.8





#73
Carbazole
Concen: 20.317 ng
RT: 17.545 min Scan# 2475
Delta R.T. -0.006 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

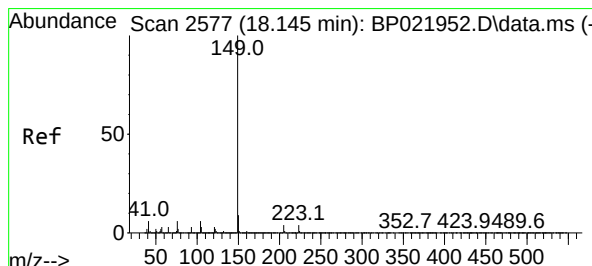
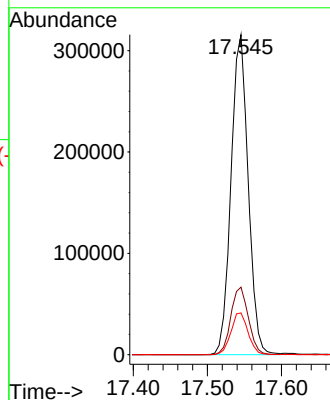
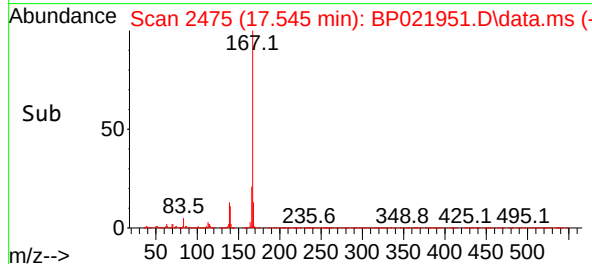
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:167 Resp: 506968
Ion Ratio Lower Upper
167 100
166 21.1 17.4 26.0
139 13.1 10.5 15.7

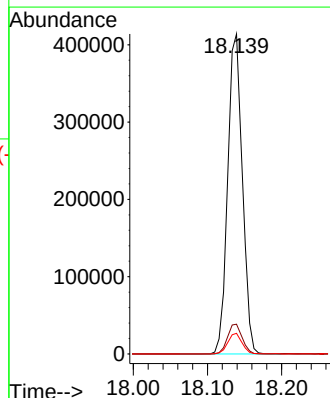
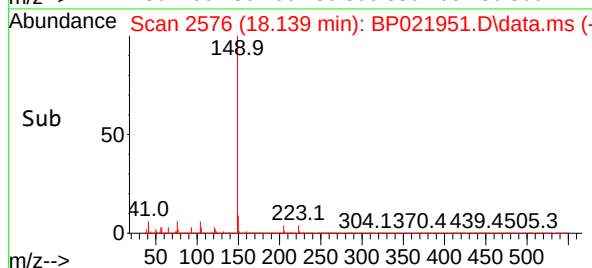
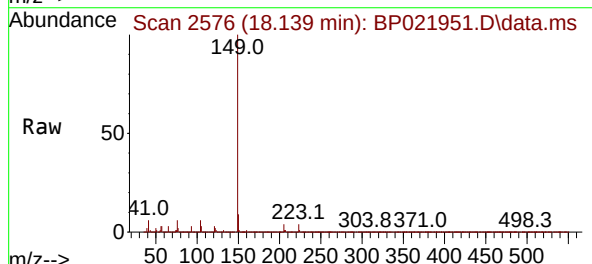
Manual Integrations
APPROVED

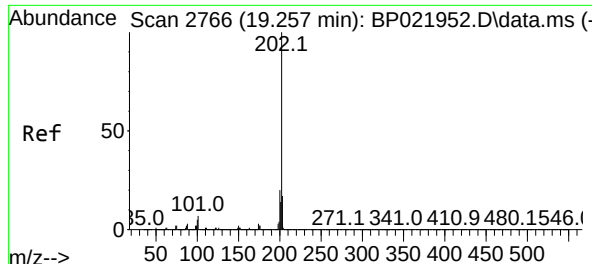
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#74
Di-n-butylphthalate
Concen: 19.367 ng
RT: 18.139 min Scan# 2576
Delta R.T. -0.006 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

Tgt Ion:149 Resp: 567570
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 6.5 4.6 6.8





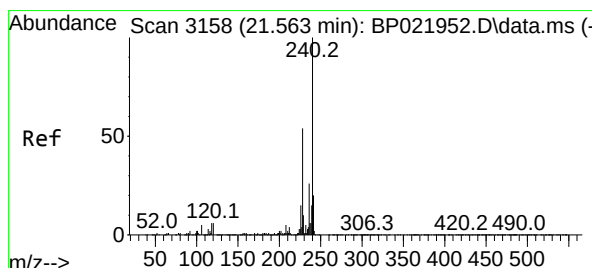
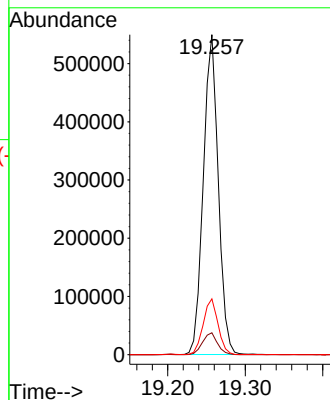
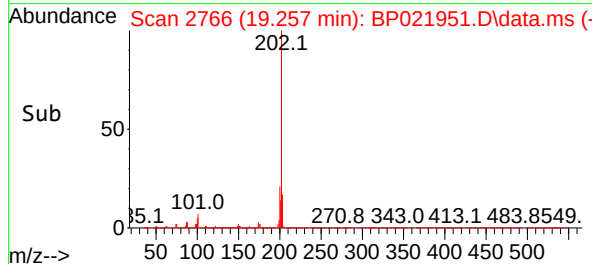
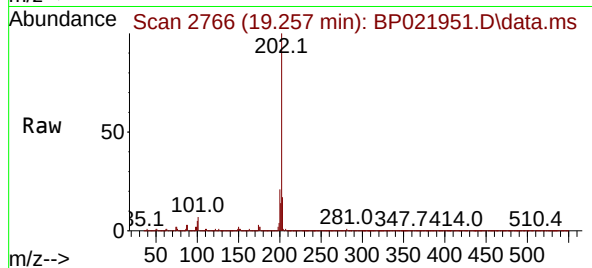
#75
Fluoranthene
Concen: 19.775 ng
RT: 19.257 min Scan# 2766
Delta R.T. -0.000 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.8	0.0	26.5
203	17.5	0.0	37.3

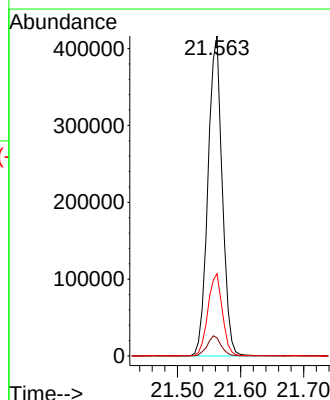
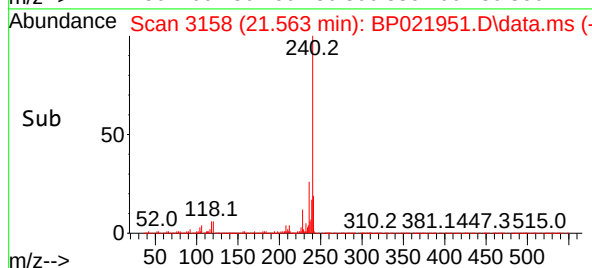
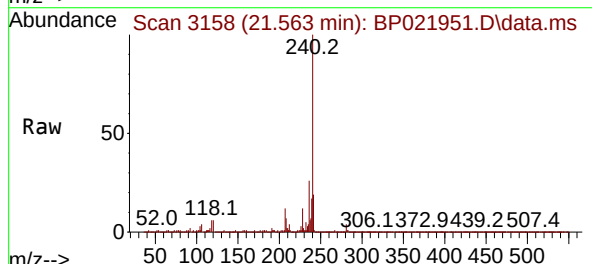
Manual Integrations
APPROVED

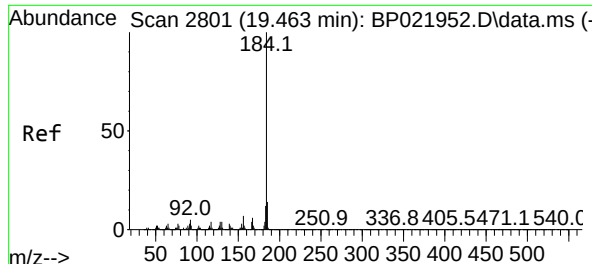
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.563 min Scan# 3158
Delta R.T. 0.000 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.6	5.1	7.7
236	25.7	20.7	31.1





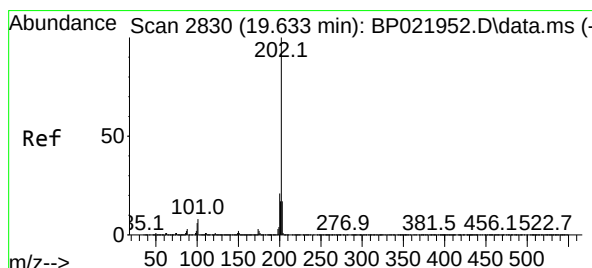
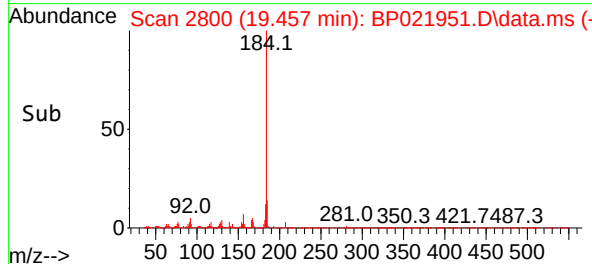
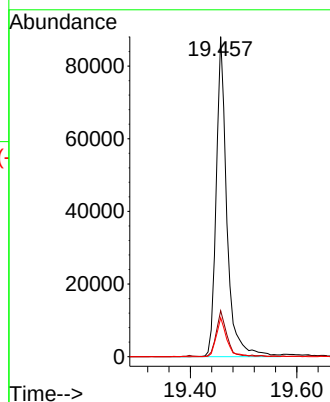
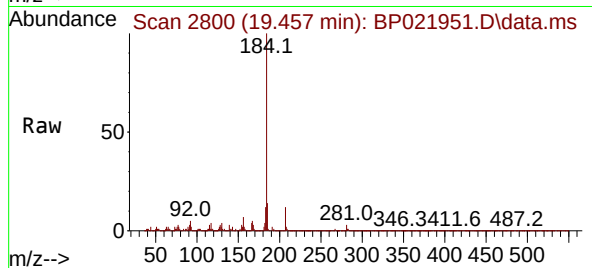
#77
Benzidine
Concen: 15.404 ng
RT: 19.457 min Scan# 2800
Delta R.T. -0.006 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	10.9	16.3
183	12.2	9.2	13.8

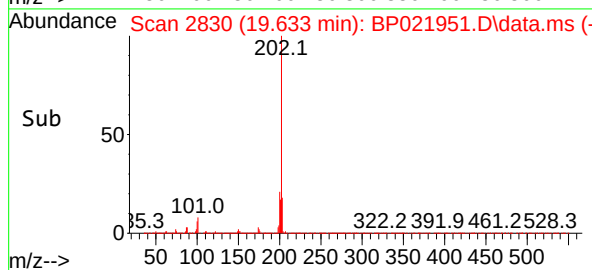
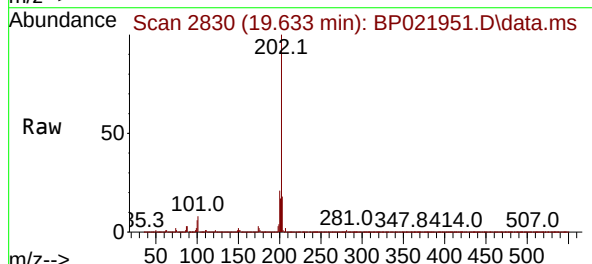
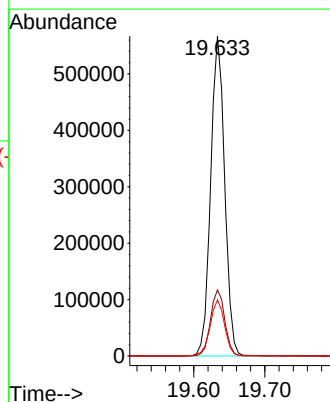
Manual Integrations
APPROVED

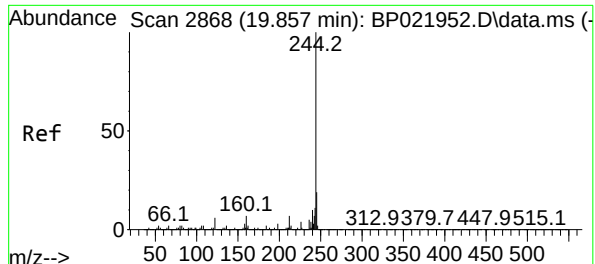
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#78
Pyrene
Concen: 19.710 ng
RT: 19.633 min Scan# 2830
Delta R.T. -0.000 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

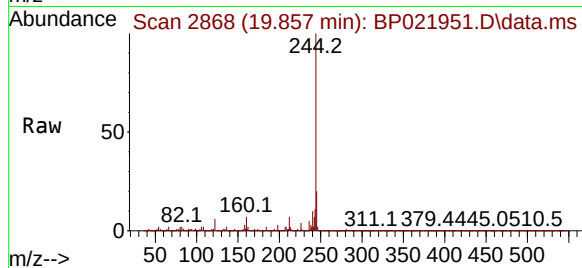
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.8	25.2
203	17.6	13.8	20.8





#79
 Terphenyl-d14
 Concen: 38.486 ng
 RT: 19.857 min Scan# 2868
 Delta R.T. -0.000 min
 Lab File: BP021951.D
 Acq: 19 Sep 2024 14:58

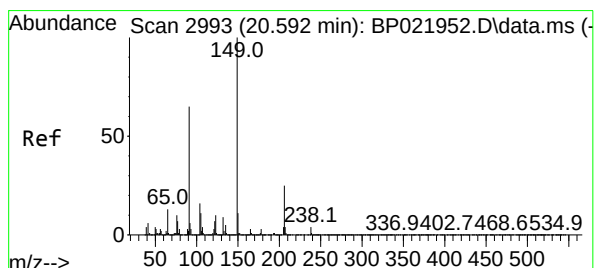
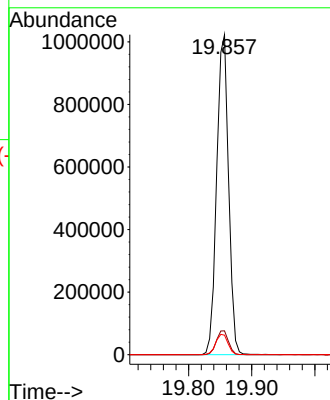
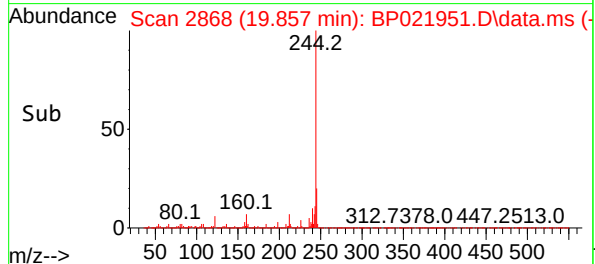
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020



Tgt Ion:244 Resp: 133341
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 6.1 5.0 7.4

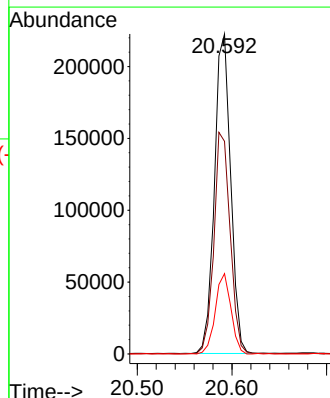
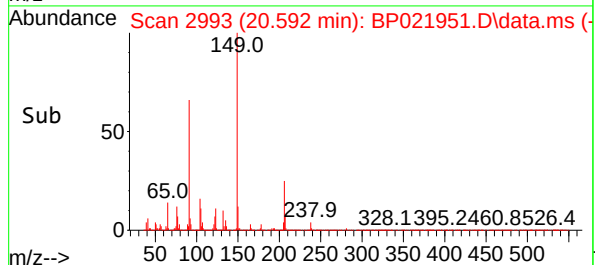
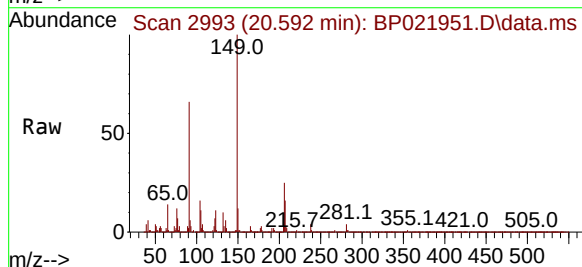
Manual Integrations
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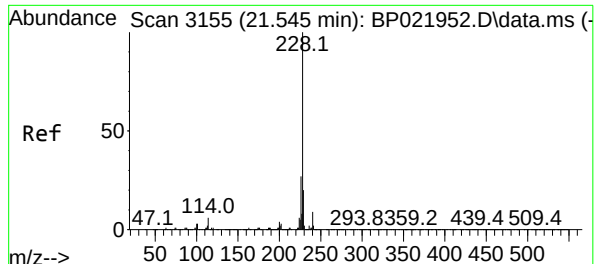
Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/22/2024



#80
 Butylbenzylphthalate
 Concen: 18.764 ng
 RT: 20.592 min Scan# 2993
 Delta R.T. 0.000 min
 Lab File: BP021951.D
 Acq: 19 Sep 2024 14:58

Tgt Ion:149 Resp: 263501
 Ion Ratio Lower Upper
 149 100
 91 66.4 51.9 77.9
 206 25.1 20.1 30.1





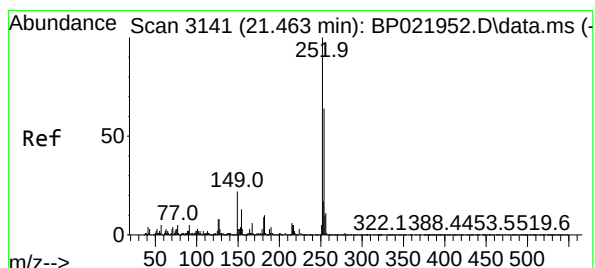
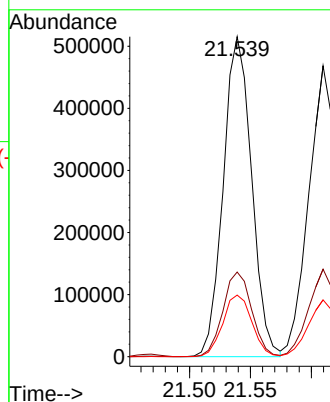
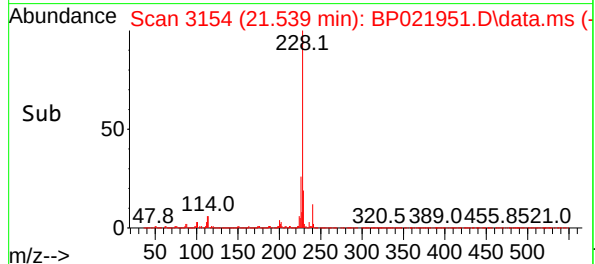
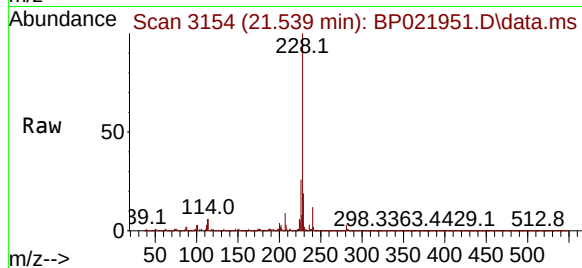
#81
Benzo(a)anthracene
Concen: 19.956 ng
RT: 21.539 min Scan# 3154
Delta R.T. -0.006 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 83455
Ion Ratio Lower Upper
228 100
226 26.5 21.5 32.3
229 19.2 15.7 23.5

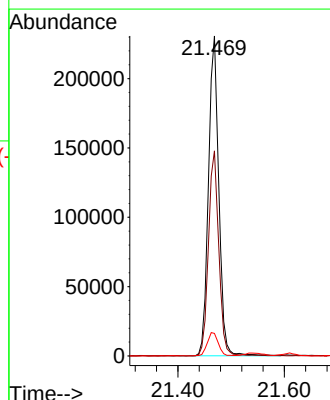
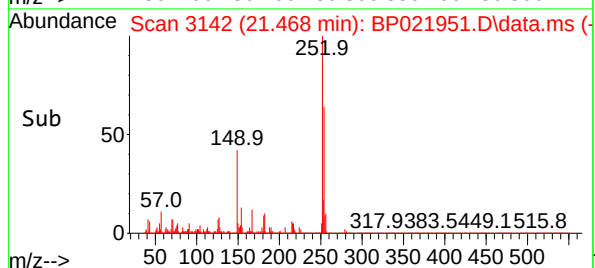
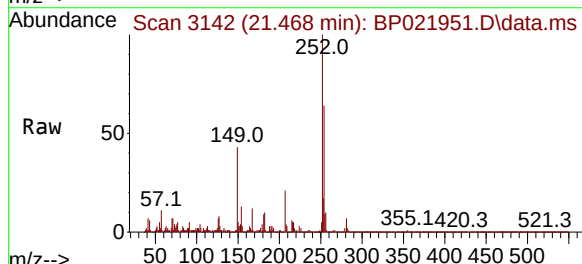
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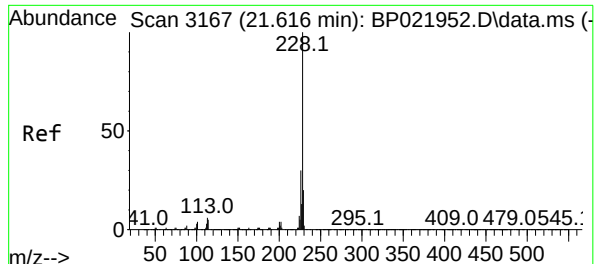
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#82
3,3'-Dichlorobenzidine
Concen: 20.417 ng
RT: 21.468 min Scan# 3142
Delta R.T. 0.006 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

Tgt Ion:252 Resp: 309796
Ion Ratio Lower Upper
252 100
254 64.1 51.4 77.2
126 7.0 6.2 9.4





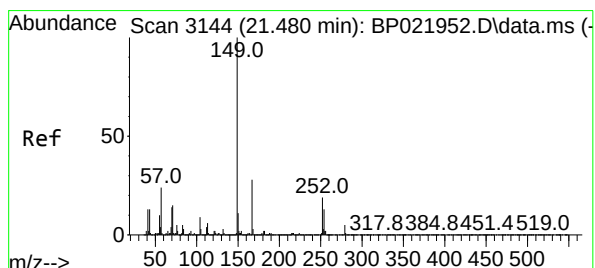
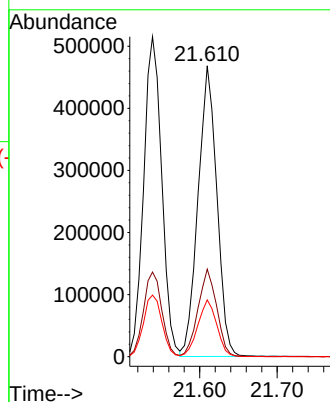
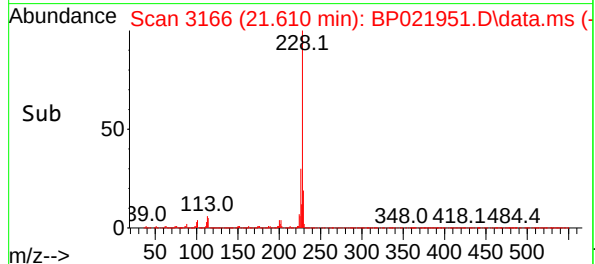
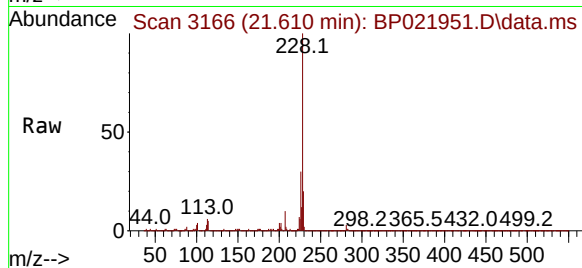
#83
Chrysene
Concen: 20.037 ng
RT: 21.610 min Scan# 3167
Delta R.T. -0.006 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 78898
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.4
229 19.5 15.7 23.5

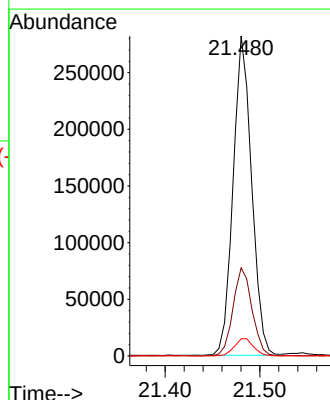
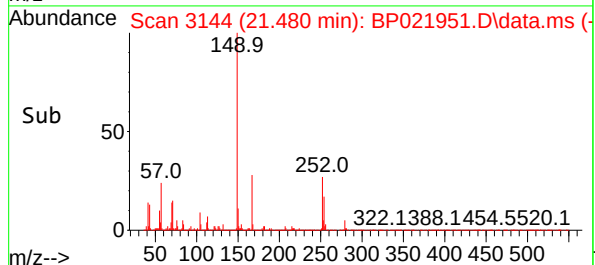
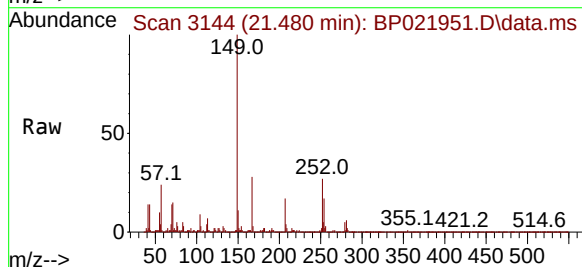
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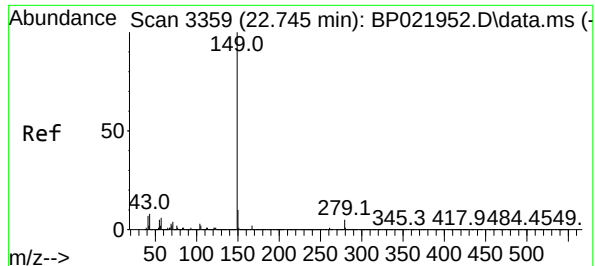
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 18.558 ng
RT: 21.480 min Scan# 3144
Delta R.T. -0.000 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

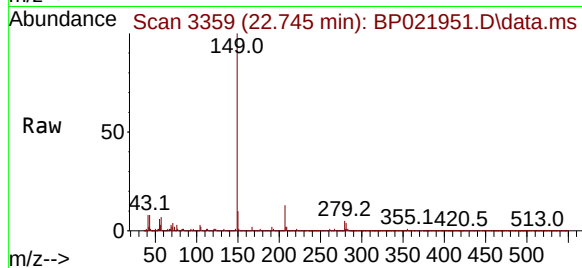
Tgt Ion:149 Resp: 382484
Ion Ratio Lower Upper
149 100
167 27.6 22.3 33.5
279 5.4 4.2 6.2





#85
Di-n-octyl phthalate
Concen: 18.476 ng
RT: 22.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

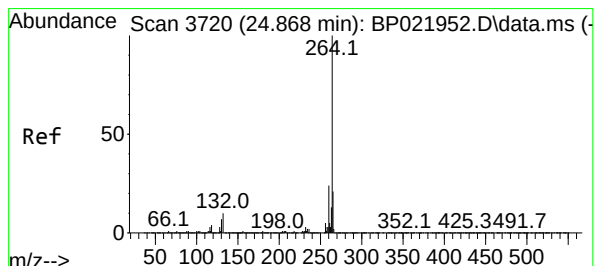
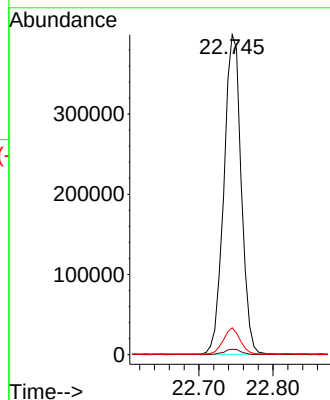
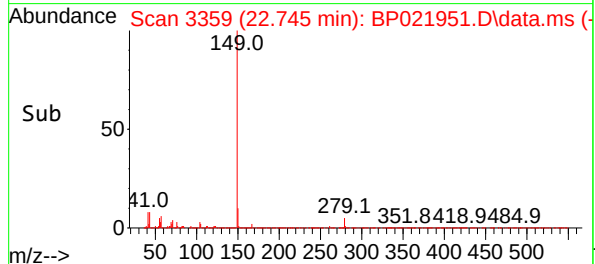
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:149 Resp: 646759
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 8.0 6.2 9.4

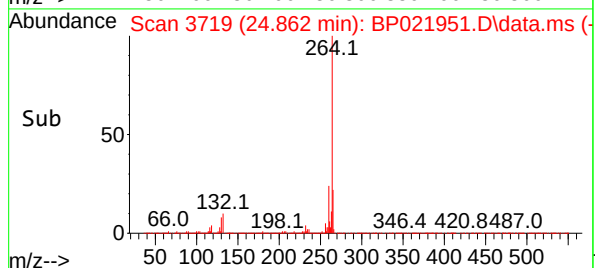
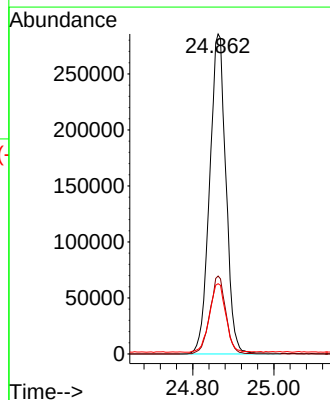
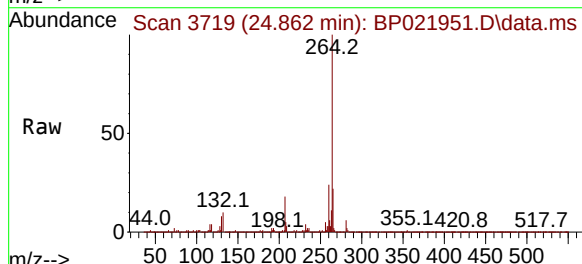
Manual Integrations
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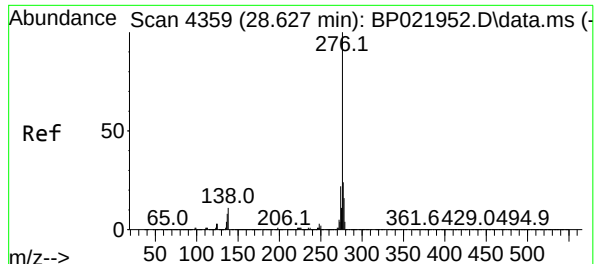
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.862 min Scan# 3719
Delta R.T. -0.006 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

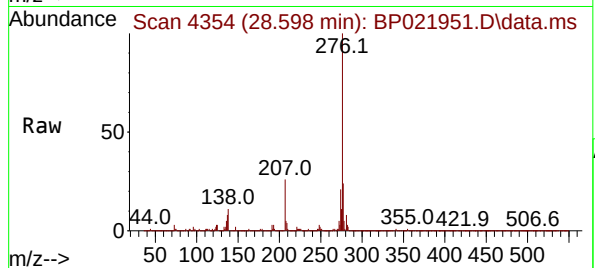
Tgt Ion:264 Resp: 792243
Ion Ratio Lower Upper
264 100
260 24.3 18.9 28.3
265 22.0 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 19.908 ng
RT: 28.598 min Scan# 4359
Delta R.T. -0.029 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

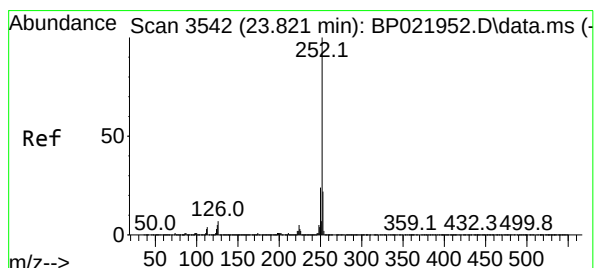
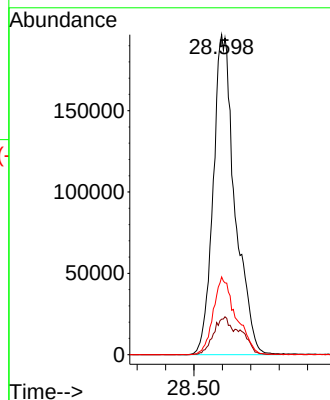
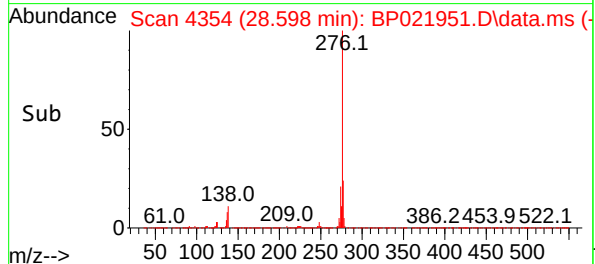
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 276 Resp: 1049010
Ion Ratio Lower Upper
276 100
138 9.4 7.8 11.8
277 25.3 20.5 30.7

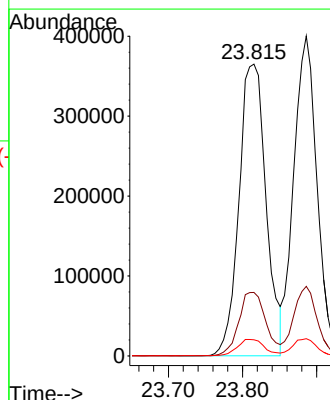
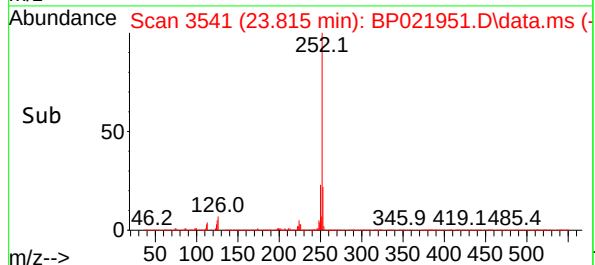
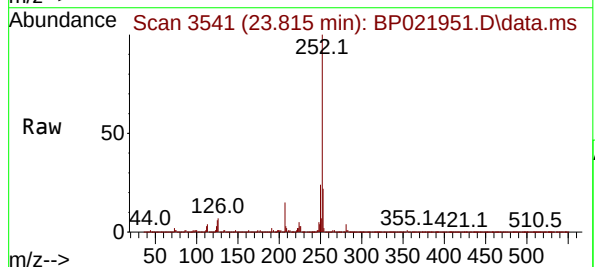
Manual Integrations
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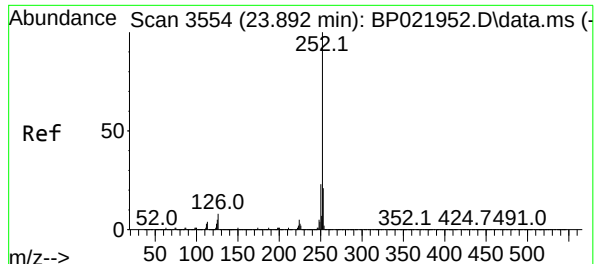
Reviewed By : Jagrut Upadhyay 09/20/2024
Supervised By : mohammad ahmed 09/22/2024



#88
Benzo(b)fluoranthene
Concen: 19.784 ng
RT: 23.815 min Scan# 3541
Delta R.T. -0.006 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

Tgt Ion: 252 Resp: 926953
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 5.5 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 19.573 ng

RT: 23.886 min Scan# 3554

Delta R.T. -0.006 min

Lab File: BP021951.D

Acq: 19 Sep 2024 14:58

Instrument :

BNA_P

ClientSampleId :

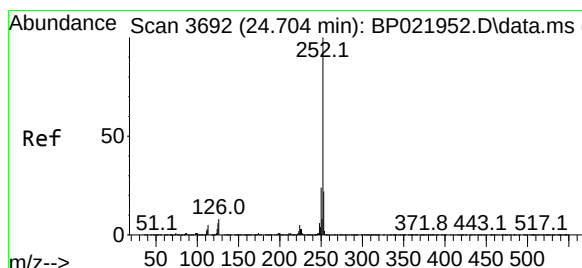
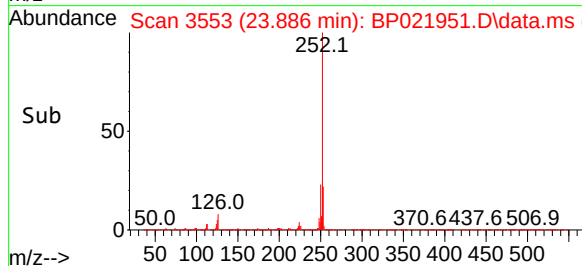
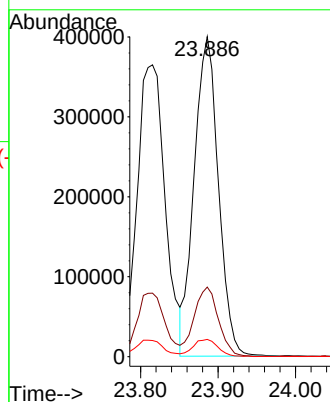
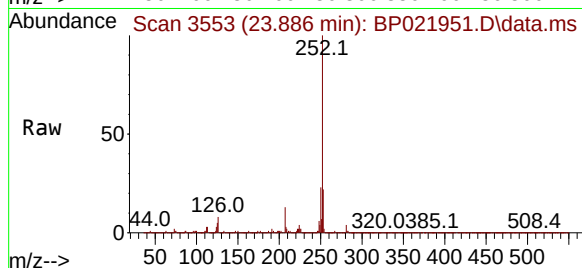
SSTDICC020

Tgt Ion:	252	Resp:	867892
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.0	25.6
125	5.4	4.3	6.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#90

Benzo(a)pyrene

Concen: 19.742 ng

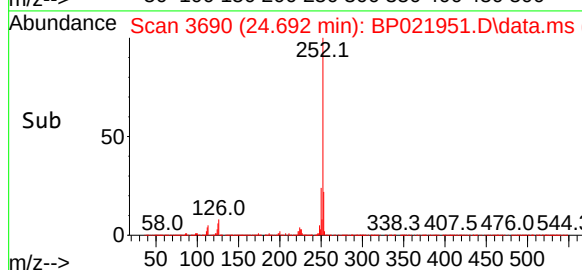
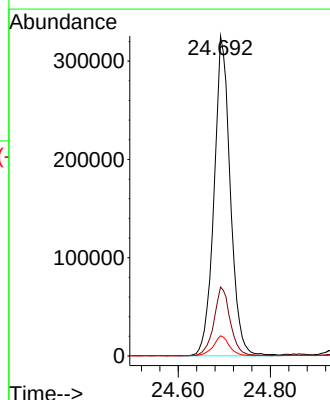
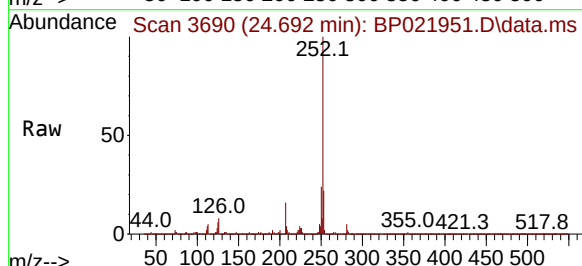
RT: 24.692 min Scan# 3690

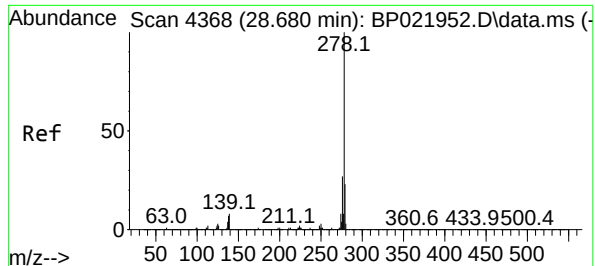
Delta R.T. -0.012 min

Lab File: BP021951.D

Acq: 19 Sep 2024 14:58

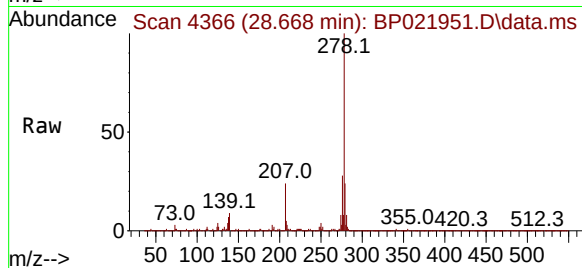
Tgt Ion:	252	Resp:	796837
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.6	26.4
125	6.3	5.0	7.6





#91
Dibenzo(a,h)anthracene
Concen: 19.772 ng
RT: 28.668 min Scan# 4368
Delta R.T. -0.012 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

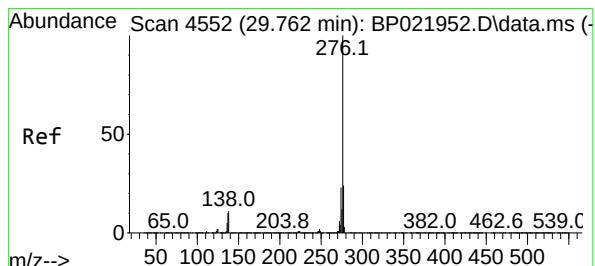
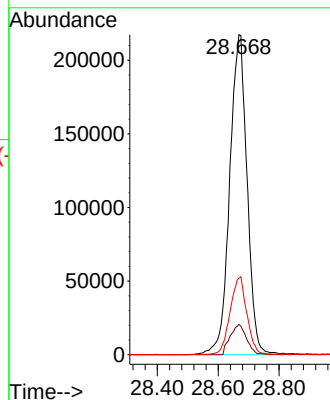
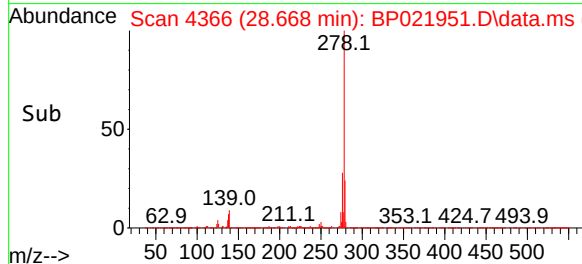
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 278 Resp: 859849
Ion Ratio Lower Upper
278 100
139 9.4 6.6 10.0
279 23.9 18.8 28.2

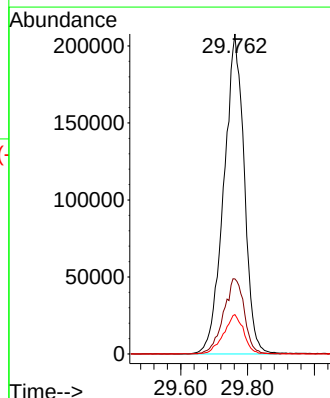
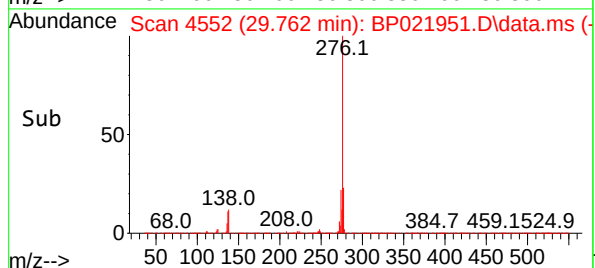
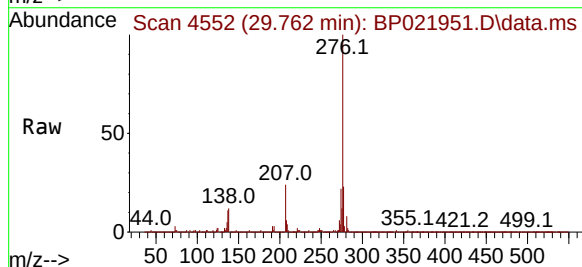
Manual Integrations
APPROVED

Reviewed By : Jagrut Upadhyay 09/20/2024
Supervised By : mohammad ahmed 09/22/2024



#92
Benzo(g,h,i)perylene
Concen: 19.705 ng
RT: 29.762 min Scan# 4552
Delta R.T. 0.000 min
Lab File: BP021951.D
Acq: 19 Sep 2024 14:58

Tgt Ion: 276 Resp: 877800
Ion Ratio Lower Upper
276 100
277 23.4 19.3 28.9
138 12.3 9.2 13.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091924\
 Data File : BP021952.D
 Acq On : 19 Sep 2024 15:39
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICCC040

Manual Integrations
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Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 20 01:03:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 00:59:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	91883	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	358569	20.000	ng	0.00
39) Acenaphthene-d10	14.328	164	261486	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	623363	20.000	ng	0.00
76) Chrysene-d12	21.563	240	722700	20.000	ng	0.00
86) Perylene-d12	24.868	264	853679	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	389338	79.631	ng	0.00
7) Phenol-d6	6.899	99	501038	78.939	ng	0.00
23) Nitrobenzene-d5	8.857	82	531150	78.381	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	377341	77.840	ng	0.00
45) 2-Fluorobiphenyl	12.940	172	1389096	77.547	ng	0.00
79) Terphenyl-d14	19.857	244	3073500	79.888	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.258	88	79433	39.126	ng	100
3) Pyridine	3.658	79	214146m	39.556	ng	
4) n-Nitrosodimethylamine	3.564	42	111156	38.916	ng	100
6) Aniline	7.052	93	221825	39.771	ng	100
8) 2-Chlorophenol	7.287	128	209334	40.040	ng	100
9) Benzaldehyde	6.869	77	135235	40.583	ng	100
10) Phenol	6.922	94	248028	39.344	ng	100
11) bis(2-Chloroethyl)ether	7.146	93	185956	39.159	ng	100
12) 1,3-Dichlorobenzene	7.605	146	261026	39.546	ng	100
13) 1,4-Dichlorobenzene	7.752	146	265800	39.708	ng	100
14) 1,2-Dichlorobenzene	8.063	146	256081	39.858	ng	100
15) Benzyl Alcohol	7.952	79	194980	40.056	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.240	45	200622	39.869	ng	100
17) 2-Methylphenol	8.152	107	174344	40.938	ng	100
18) Hexachloroethane	8.787	117	98661	40.084	ng	100
19) n-Nitroso-di-n-propyla...	8.510	70	161371	40.904	ng	100
20) 3+4-Methylphenols	8.475	107	242749	40.378	ng	100
22) Acetophenone	8.528	105	335717	38.381	ng	100
24) Nitrobenzene	8.899	77	270830	39.355	ng	100
25) Isophorone	9.422	82	443343	39.683	ng	100
26) 2-Nitrophenol	9.599	139	120643	40.095	ng	100
27) 2,4-Dimethylphenol	9.663	122	138382	39.718	ng	100
28) bis(2-Chloroethoxy)met...	9.893	93	263786	39.378	ng	100
29) 2,4-Dichlorophenol	10.128	162	240192	40.615	ng	100
30) 1,2,4-Trichlorobenzene	10.346	180	288234	39.129	ng	100
31) Naphthalene	10.522	128	698793	39.056	ng	100
32) Benzoic acid	9.799	122	168297	40.543	ng	100
33) 4-Chloroaniline	10.634	127	260436	40.355	ng	100
34) Hexachlorobutadiene	10.810	225	222266	38.570	ng	100
35) Caprolactam	11.416	113	71229	40.547	ng	100
36) 4-Chloro-3-methylphenol	11.757	107	253885	40.016	ng	100
37) 2-Methylnaphthalene	12.140	142	510764	39.019	ng	100
38) 1-Methylnaphthalene	12.357	142	504782	39.057	ng	100
40) 1,2,4,5-Tetrachloroben...	12.504	216	360163	39.369	ng	100
41) Hexachlorocyclopentadiene	12.487	237	132990	39.124	ng	100
43) 2,4,6-Trichlorophenol	12.751	196	225749	40.203	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091924\
 Data File : BP021952.D
 Acq On : 19 Sep 2024 15:39
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 20 01:03:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 00:59:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.822	196	250435	39.758	ng	100
46) 1,1'-Biphenyl	13.157	154	690851	38.749	ng	100
47) 2-Chloronaphthalene	13.192	162	563410	39.082	ng	100
48) 2-Nitroaniline	13.398	65	165331	41.999	ng	100
49) Acenaphthylene	14.051	152	814562	40.042	ng	100
50) Dimethylphthalate	13.792	163	749365	39.513	ng	100
51) 2,6-Dinitrotoluene	13.898	165	170408	40.324	ng	100
52) Acenaphthene	14.398	154	519791	39.261	ng	100
53) 3-Nitroaniline	14.234	138	156843	41.644	ng	100
54) 2,4-Dinitrophenol	14.445	184	101469	40.980	ng	100
55) Dibenzofuran	14.739	168	871139	39.146	ng	100
56) 4-Nitrophenol	14.551	139	139549	42.568	ng	100
57) 2,4-Dinitrotoluene	14.698	165	244663	40.954	ng	100
58) Fluorene	15.398	166	728823	39.218	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.969	232	239438	39.386	ng	100
60) Diethylphthalate	15.175	149	749704	38.902	ng	100
61) 4-Chlorophenyl-phenyle...	15.392	204	415649	38.417	ng	100
62) 4-Nitroaniline	15.422	138	172306	41.893	ng	100
63) Azobenzene	15.686	77	630156	39.513	ng	100
65) 4,6-Dinitro-2-methylph...	15.486	198	148762	41.172	ng	100
66) n-Nitrosodiphenylamine	15.610	169	622858	40.128	ng	100
67) 4-Bromophenyl-phenylether	16.304	248	283930	39.073	ng	100
68) Hexachlorobenzene	16.422	284	354805	39.163	ng	100
69) Atrazine	16.592	200	200026	35.968	ng	100
70) Pentachlorophenol	16.781	266	247153	40.548	ng	100
71) Phenanthrene	17.180	178	1179021	39.401	ng	100
72) Anthracene	17.269	178	1154033	39.840	ng	100
73) Carbazole	17.551	167	1139775	40.739	ng	100
74) Di-n-butylphthalate	18.145	149	1283452	39.060	ng	100
75) Fluoranthene	19.257	202	1669302	39.967	ng	100
77) Benzidine	19.463	184	583412	66.059	ng	100
78) Pyrene	19.633	202	1756159	40.169	ng	100
80) Butylbenzylphthalate	20.592	149	626172	40.157	ng	100
81) Benzo(a)anthracene	21.545	228	1828509	39.375	ng	100
82) 3,3'-Dichlorobenzidine	21.463	252	719427	42.698	ng	100
83) Chrysene	21.616	228	1714170	39.205	ng	100
84) Bis(2-ethylhexyl)phtha...	21.480	149	881487	38.517	ng	100
85) Di-n-octyl phthalate	22.745	149	1511572	38.888	ng	100
87) Indeno(1,2,3-cd)pyrene	28.627	276	2261800	39.836	ng	100
88) Benzo(b)fluoranthene	23.821	252	2049345	40.591	ng	100
89) Benzo(k)fluoranthene	23.892	252	1871116	39.162	ng	100
90) Benzo(a)pyrene	24.704	252	1749466	40.224	ng	100
91) Dibenzo(a,h)anthracene	28.680	278	1845758	39.389	ng	100
92) Benzo(g,h,i)perylene	29.762	276	1934173	40.294	ng	100

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

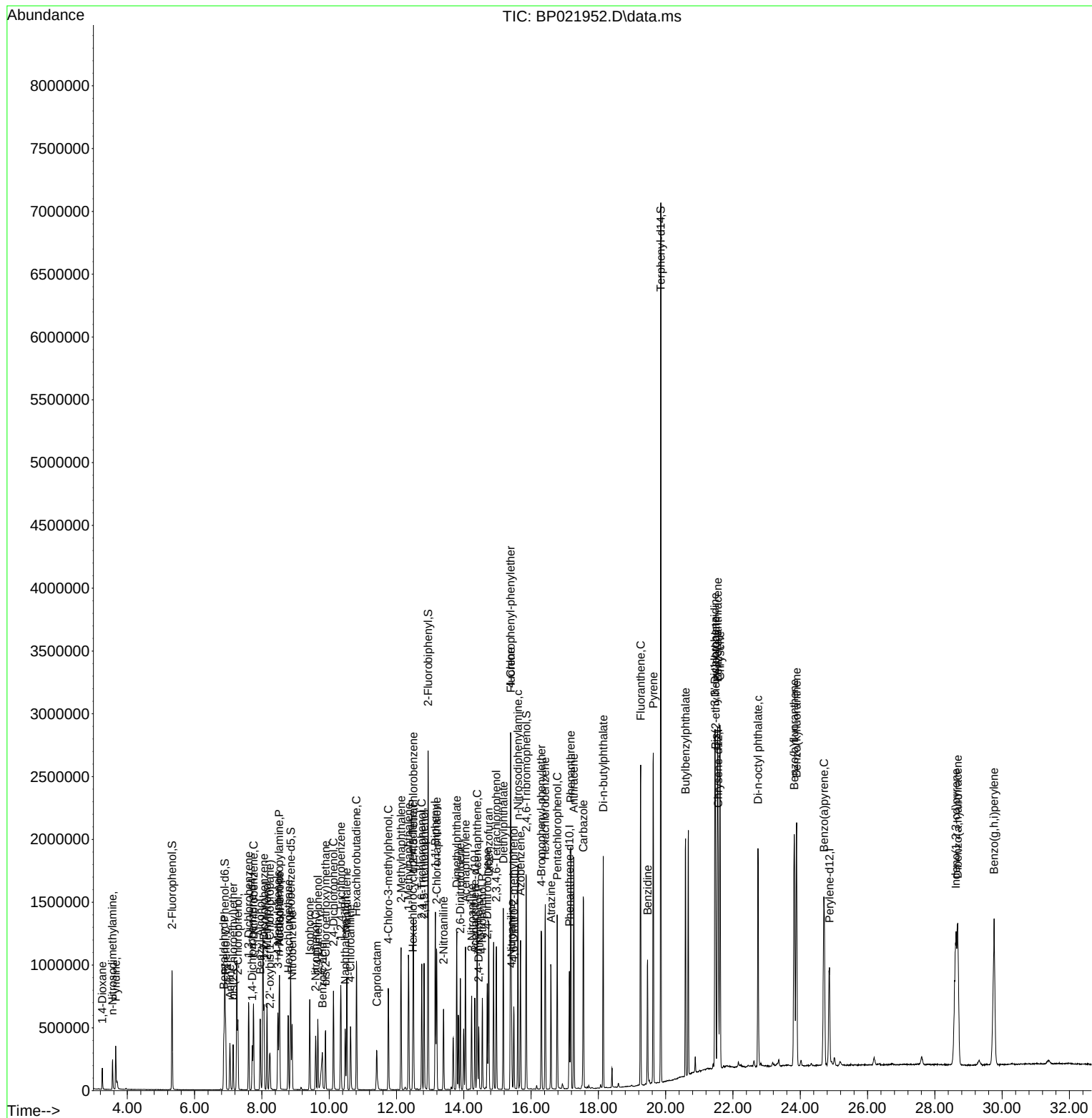
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Data File : BP021952.D
Acq On : 19 Sep 2024 15:39
Operator : RC/JU
Sample : SSTIDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

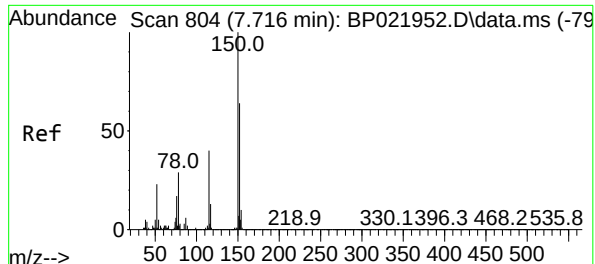
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 20 01:03:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 00:59:29 2024
Response via : Initial Calibration





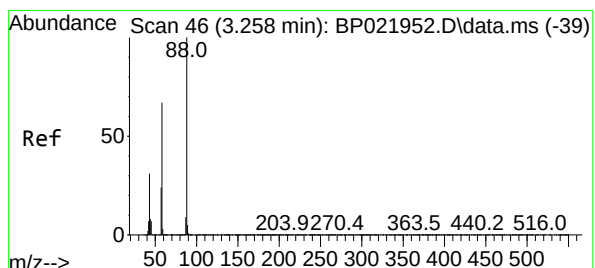
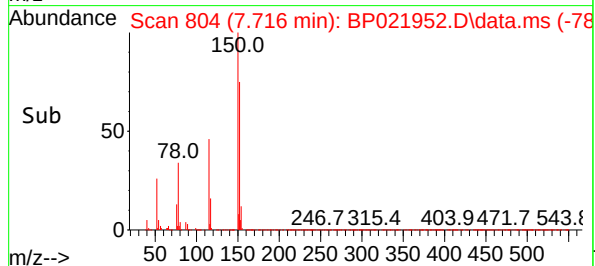
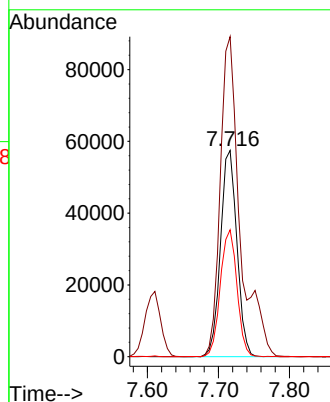
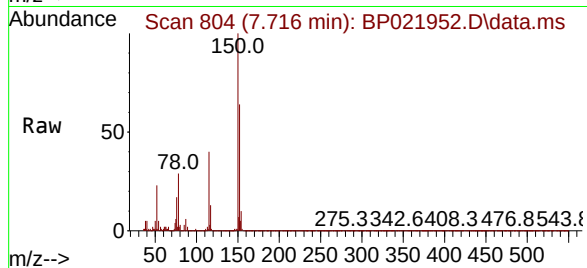
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 804
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 152 Resp: 9188
Ion Ratio Lower Upper
152 100
150 155.2 124.2 186.2
115 61.5 49.2 73.8

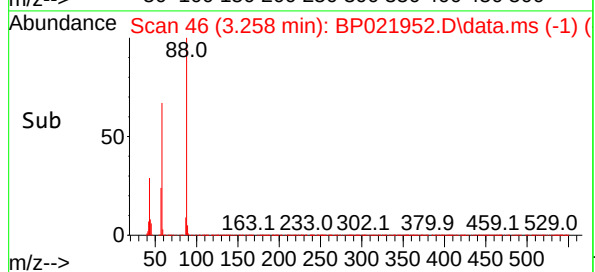
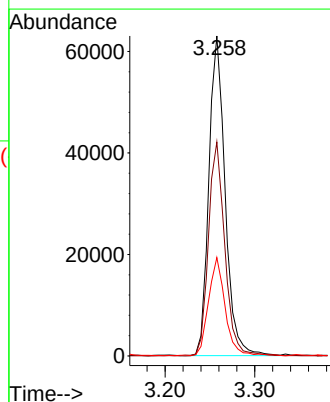
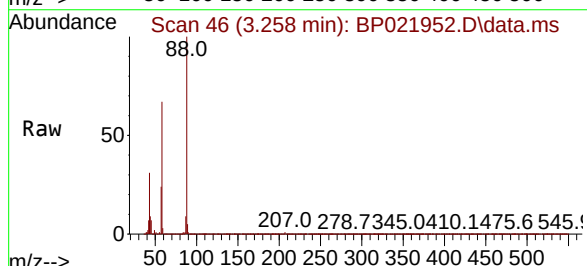
Manual Integrations
APPROVED

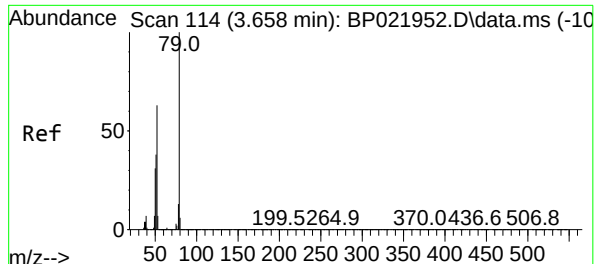
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#2
1,4-Dioxane
Concen: 39.126 ng
RT: 3.258 min Scan# 46
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

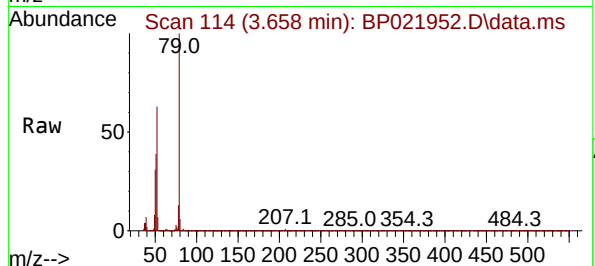
Tgt Ion: 88 Resp: 79433
Ion Ratio Lower Upper
88 100
58 67.2 53.8 80.6
43 31.5 25.2 37.8





#3
Pyridine
Concen: 39.556 ng m
RT: 3.658 min Scan# 114
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

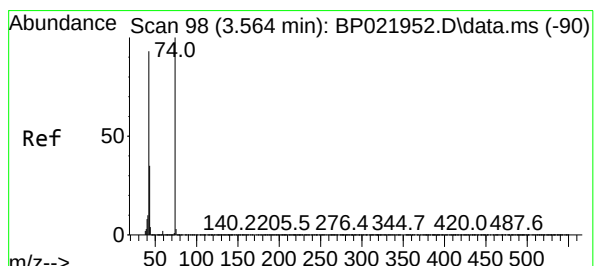
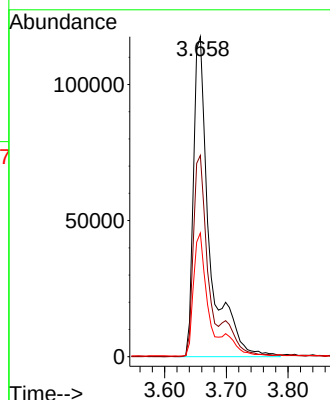
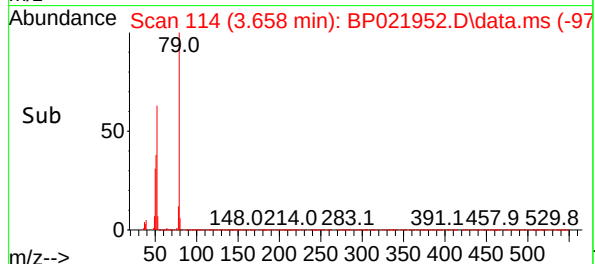
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 79 Resp: 214140
Ion Ratio Lower Upper
79 100
52 62.9 50.3 75.5
51 38.6 30.9 46.3

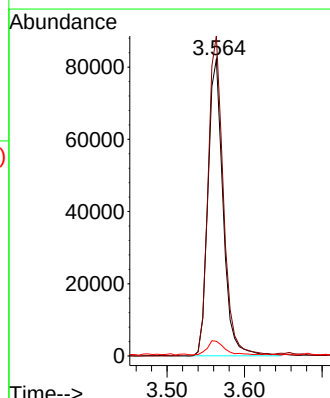
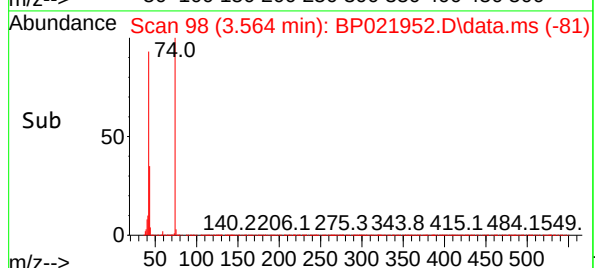
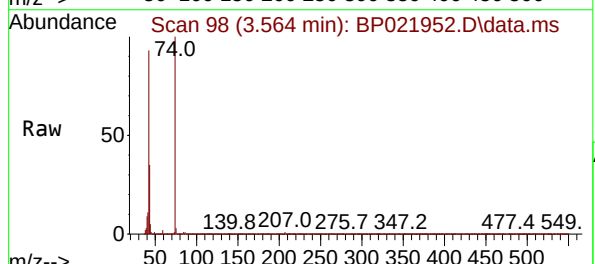
Manual Integrations
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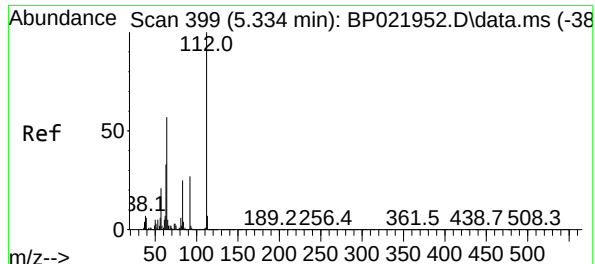
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#4
n-Nitrosodimethylamine
Concen: 38.916 ng
RT: 3.564 min Scan# 98
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

Tgt Ion: 42 Resp: 111156
Ion Ratio Lower Upper
42 100
74 107.9 86.3 129.5
44 5.0 4.0 6.0





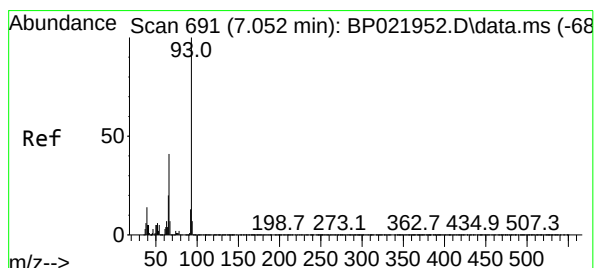
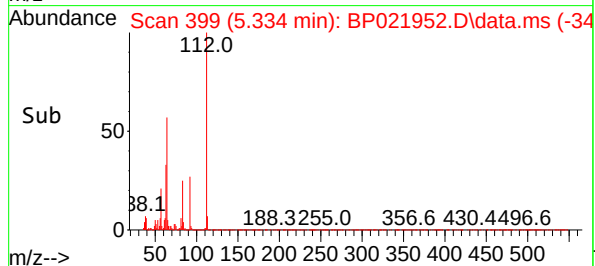
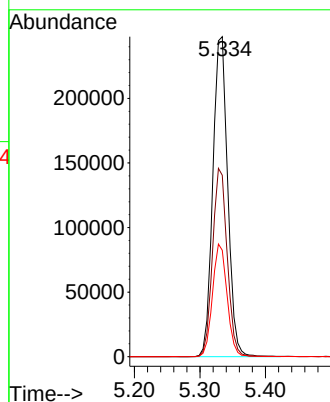
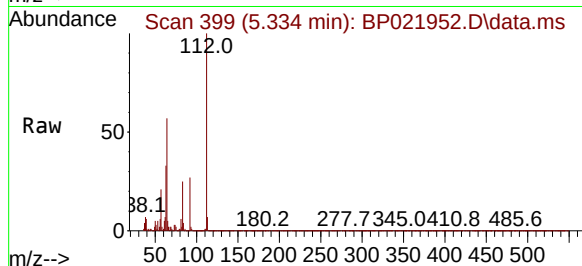
#5
2-Fluorophenol
Concen: 79.631 ng
RT: 5.334 min Scan# 399
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 112 Resp: 389338
Ion Ratio Lower Upper
112 100
64 56.7 45.4 68.0
63 33.2 26.6 39.8

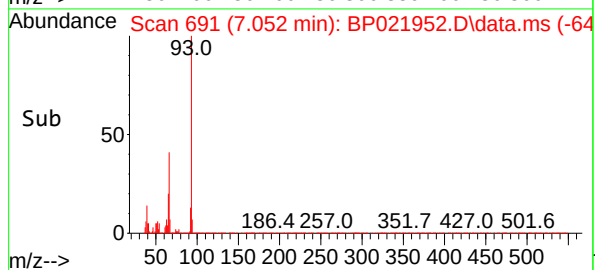
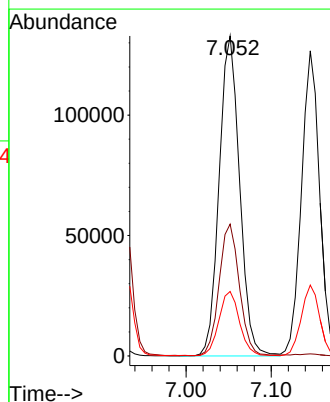
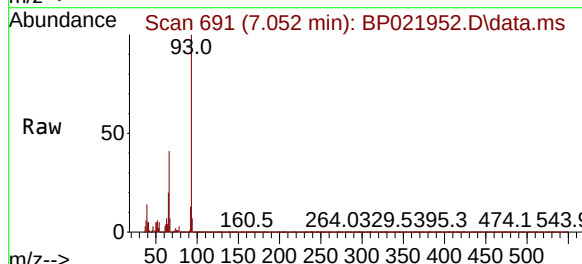
Manual Integrations
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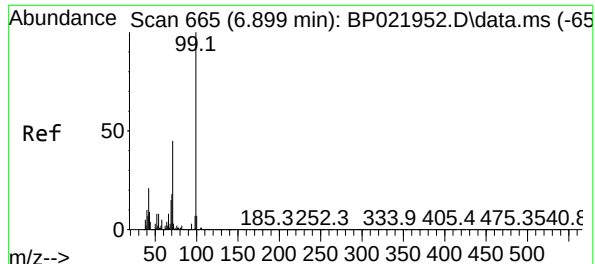
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#6
Aniline
Concen: 39.771 ng
RT: 7.052 min Scan# 691
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

Tgt Ion: 93 Resp: 221825
Ion Ratio Lower Upper
93 100
66 41.2 33.0 49.4
65 20.1 16.1 24.1





#7

Phenol-d6

Concen: 78.939 ng

RT: 6.899 min Scan# 60

Delta R.T. 0.000 min

Lab File: BP021952.D

Acq: 19 Sep 2024 15:39

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 99 Resp: 501038

Ion Ratio Lower Upper

99 100

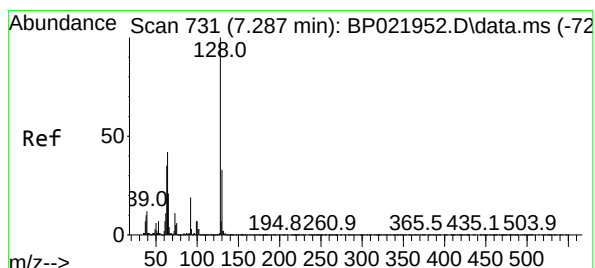
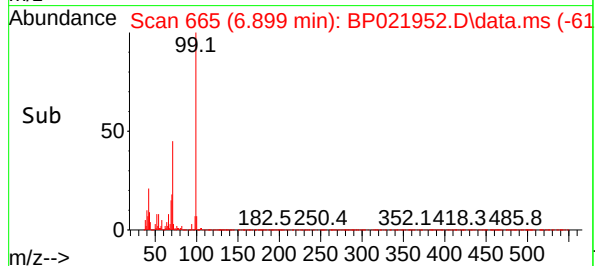
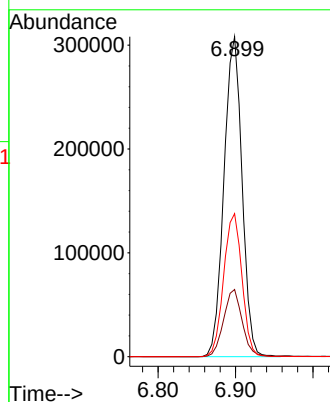
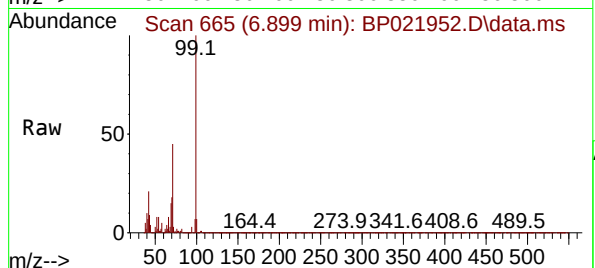
42 21.0 16.8 25.2

71 44.7 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/22/2024



#8

2-Chlorophenol

Concen: 40.040 ng

RT: 7.287 min Scan# 731

Delta R.T. 0.000 min

Lab File: BP021952.D

Acq: 19 Sep 2024 15:39

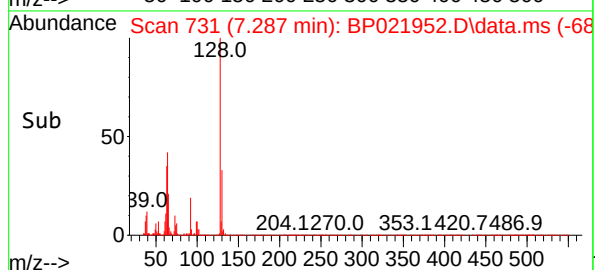
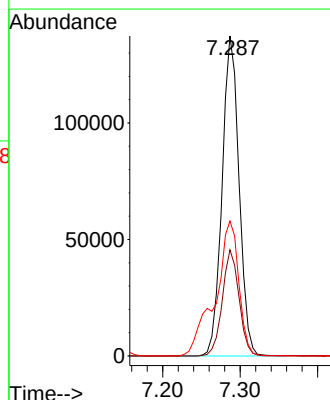
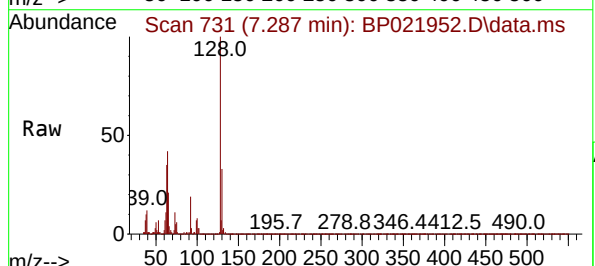
Tgt Ion:128 Resp: 209334

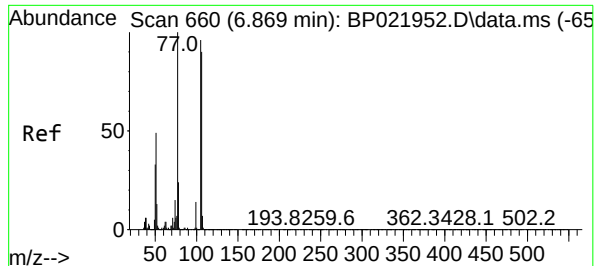
Ion Ratio Lower Upper

128 100

130 33.1 13.1 53.1

64 42.1 22.1 62.1





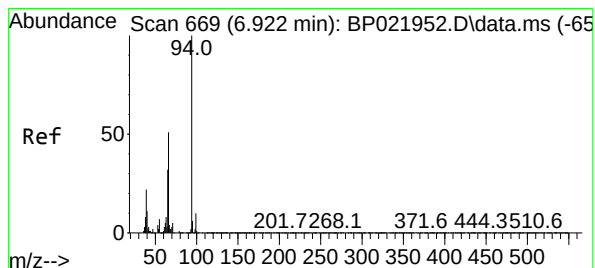
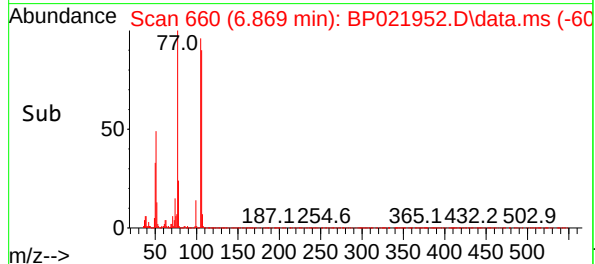
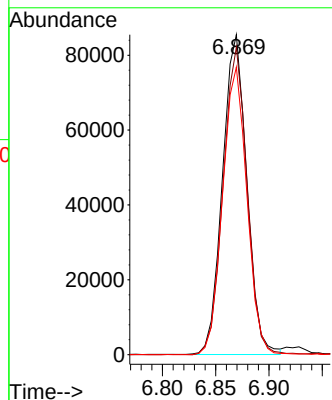
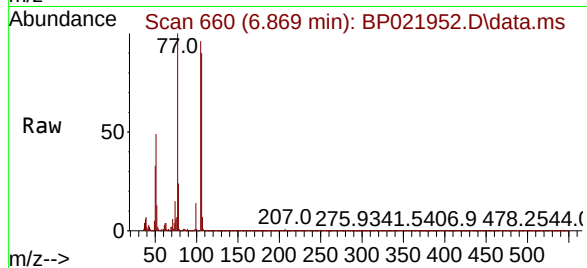
#9
Benzaldehyde
Concen: 40.583 ng
RT: 6.869 min Scan# 660
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 135235
Ion Ratio Lower Upper
77 100
105 96.1 76.1 116.1
106 89.9 69.9 109.9

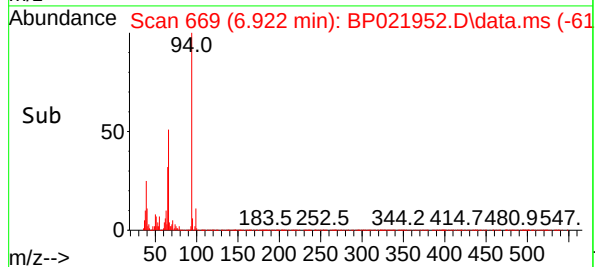
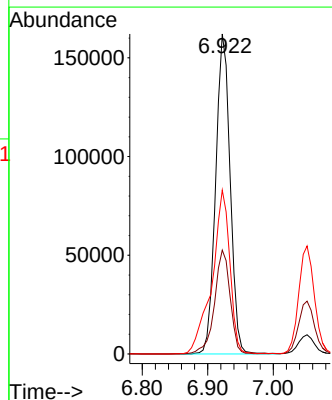
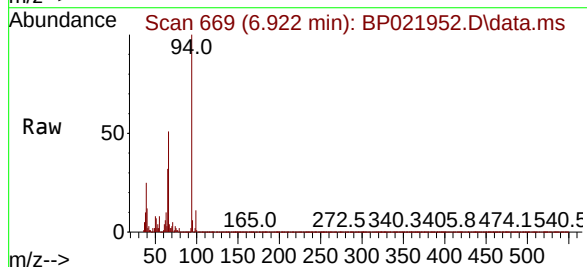
Manual Integrations
APPROVED

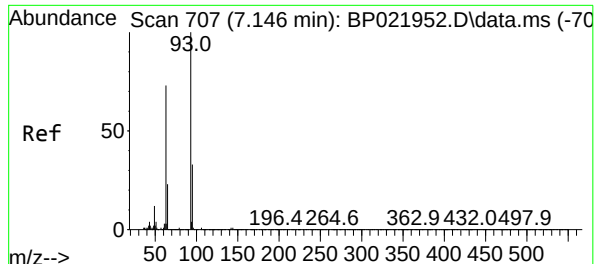
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#10
Phenol
Concen: 39.344 ng
RT: 6.922 min Scan# 669
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

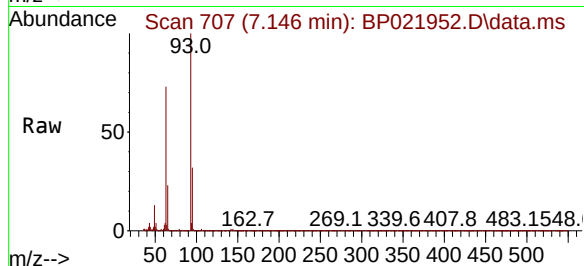
Tgt Ion: 94 Resp: 248028
Ion Ratio Lower Upper
94 100
65 32.5 12.5 52.5
66 51.2 31.2 71.2





#11
bis(2-Chloroethyl)ether
Concen: 39.159 ng
RT: 7.146 min Scan# 707
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

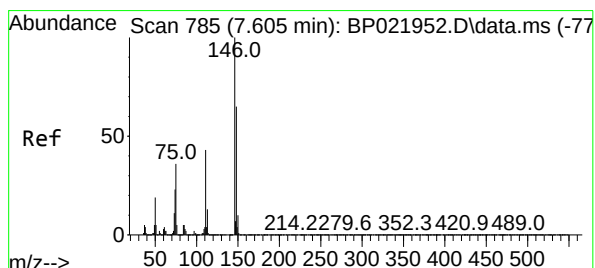
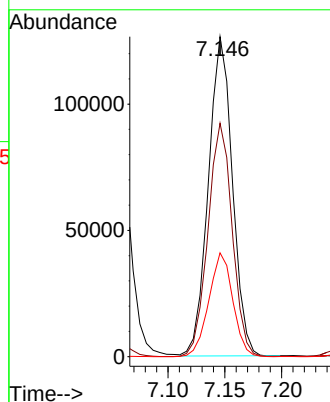
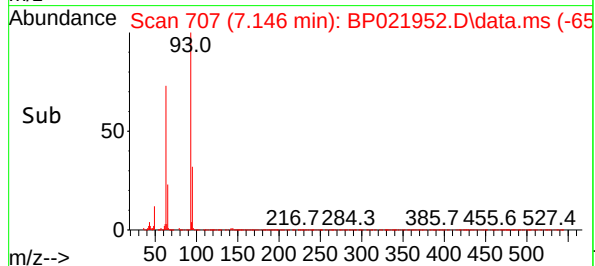
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 93 Resp: 185950
Ion Ratio Lower Upper
93 100
63 73.0 53.0 93.0
95 32.4 12.4 52.4

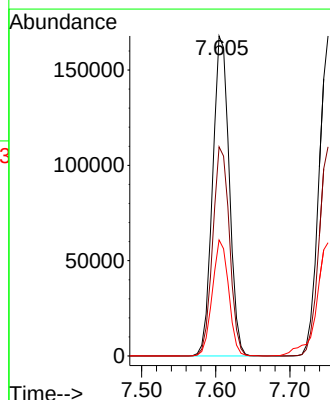
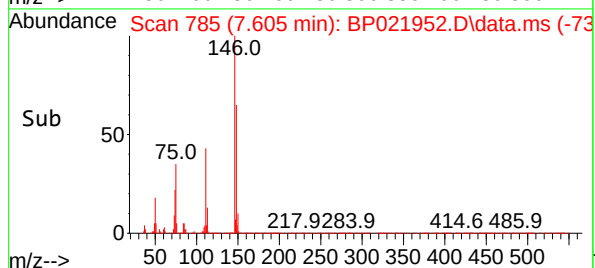
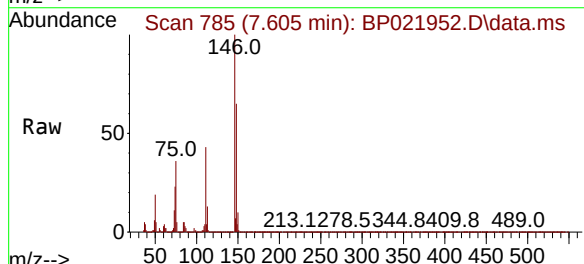
Manual Integrations
APPROVED

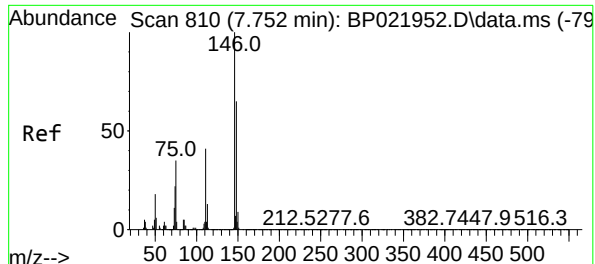
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#12
1,3-Dichlorobenzene
Concen: 39.546 ng
RT: 7.605 min Scan# 785
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

Tgt Ion:146 Resp: 261026
Ion Ratio Lower Upper
146 100
148 65.4 52.3 78.5
75 36.3 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 39.708 ng

RT: 7.752 min Scan# 810

Delta R.T. 0.000 min

Lab File: BP021952.D

Acq: 19 Sep 2024 15:39

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:146 Resp: 265800

Ion Ratio Lower Upper

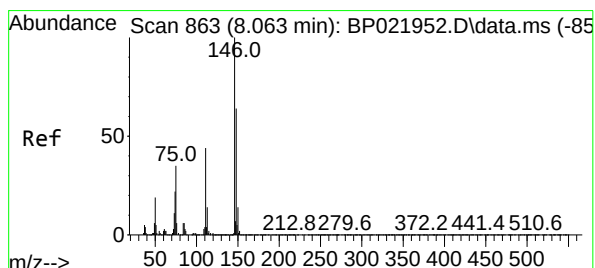
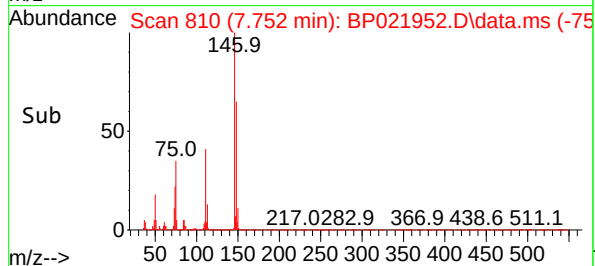
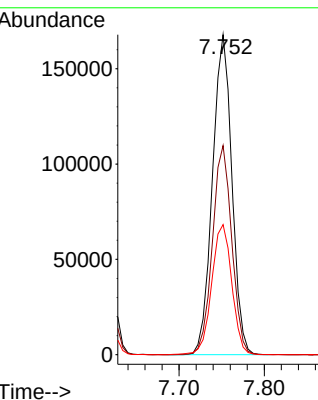
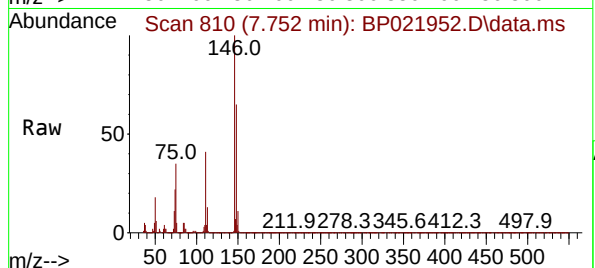
146 100

148 65.3 52.2 78.4

111 40.7 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#14

1,2-Dichlorobenzene

Concen: 39.858 ng

RT: 8.063 min Scan# 863

Delta R.T. 0.000 min

Lab File: BP021952.D

Acq: 19 Sep 2024 15:39

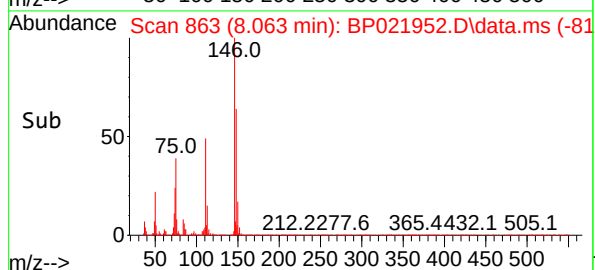
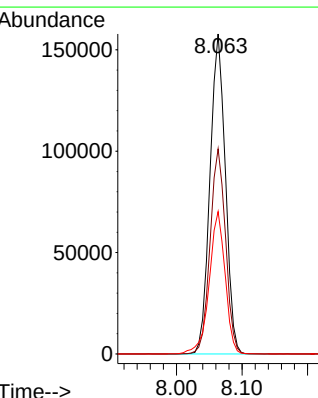
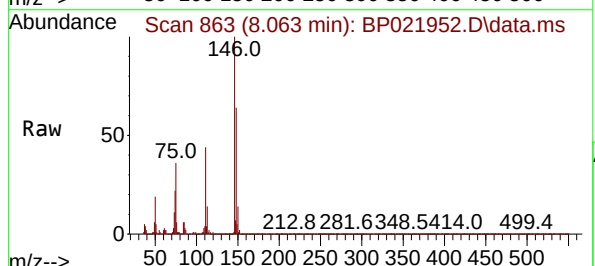
Tgt Ion:146 Resp: 256081

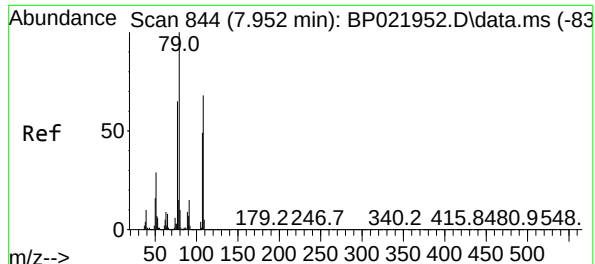
Ion Ratio Lower Upper

146 100

148 64.1 51.3 76.9

111 44.5 35.6 53.4





#15

Benzyl Alcohol

Concen: 40.056 ng

RT: 7.952 min Scan# 844

Delta R.T. 0.000 min

Lab File: BP021952.D

Acq: 19 Sep 2024 15:39

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 79 Resp: 194980

Ion Ratio Lower Upper

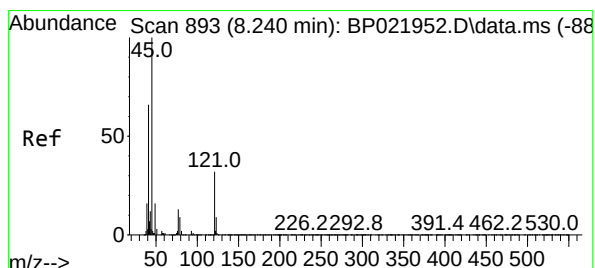
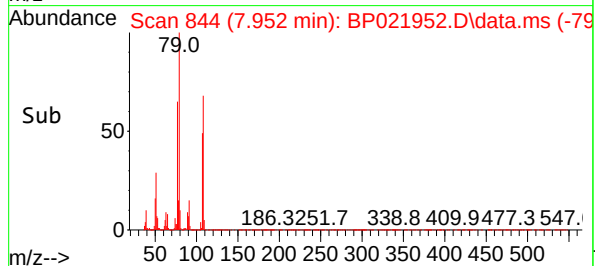
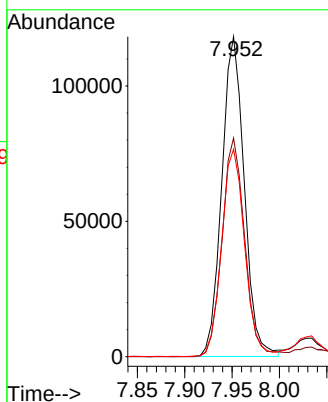
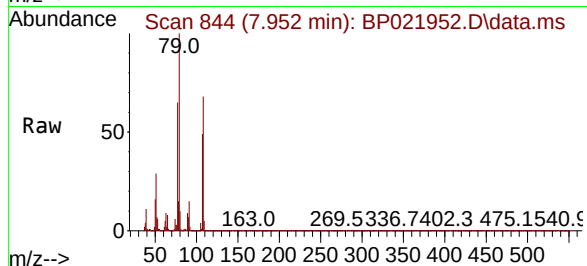
79 100

108 68.4 54.7 82.1

77 64.8 51.8 77.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.869 ng

RT: 8.240 min Scan# 893

Delta R.T. 0.000 min

Lab File: BP021952.D

Acq: 19 Sep 2024 15:39

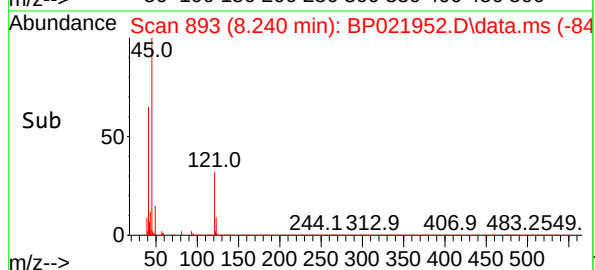
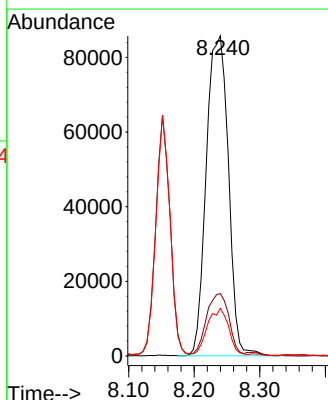
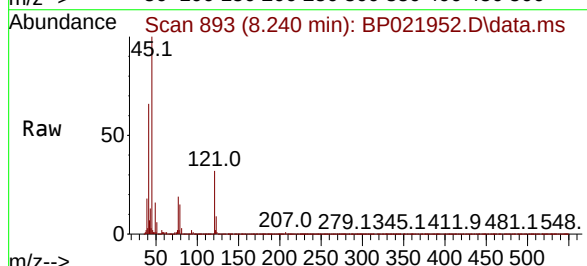
Tgt Ion: 45 Resp: 200622

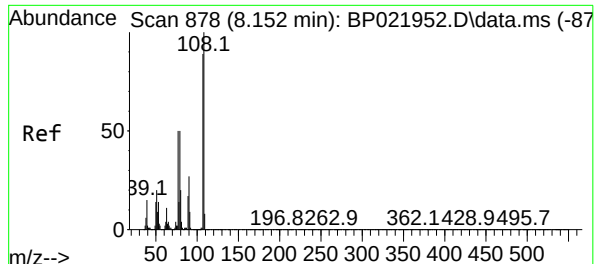
Ion Ratio Lower Upper

45 100

77 19.5 0.0 39.5

79 14.9 0.0 34.9





#17

2-Methylphenol

Concen: 40.938 ng

RT: 8.152 min Scan# 81

Delta R.T. 0.000 min

Lab File: BP021952.D

Acq: 19 Sep 2024 15:39

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:107 Resp: 17434

Ion Ratio Lower Upper

107 100

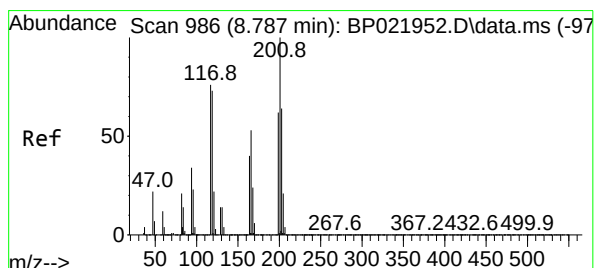
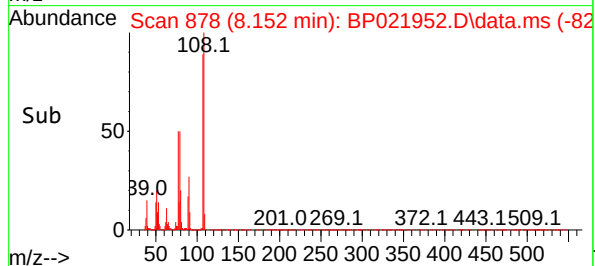
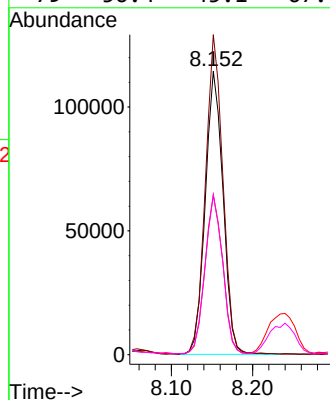
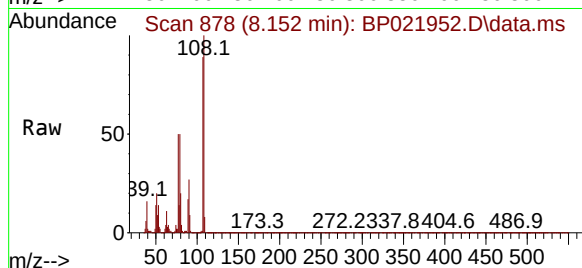
108 112.9 90.3 135.5

77 56.4 45.1 67.7

79 56.4 45.1 67.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#18

Hexachloroethane

Concen: 40.084 ng

RT: 8.787 min Scan# 986

Delta R.T. 0.000 min

Lab File: BP021952.D

Acq: 19 Sep 2024 15:39

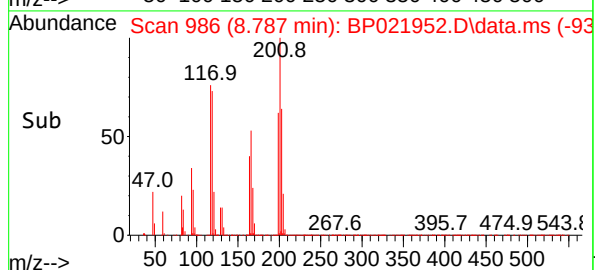
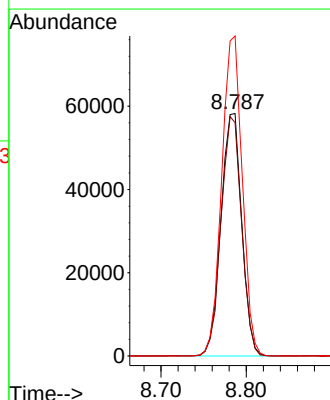
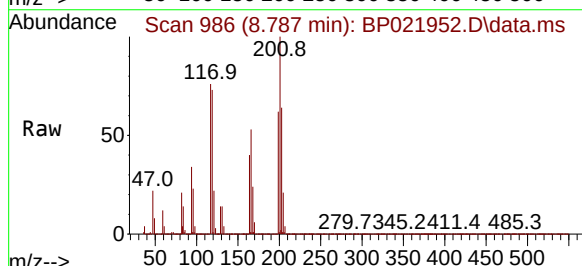
Tgt Ion:117 Resp: 98661

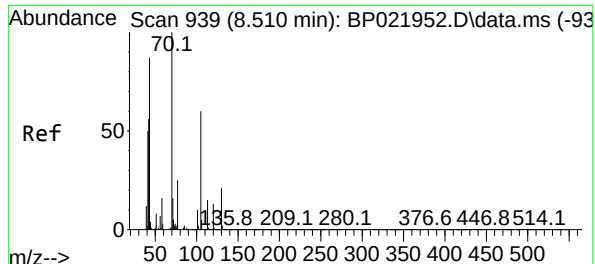
Ion Ratio Lower Upper

117 100

119 96.2 77.0 115.4

201 132.0 105.6 158.4





#19

n-Nitroso-di-n-propylamine

Concen: 40.904 ng

RT: 8.510 min Scan# 91

Delta R.T. 0.000 min

Lab File: BP021952.D

Acq: 19 Sep 2024 15:39

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 16137

Ion Ratio Lower Upper

70 100

42 56.5 45.2 67.8

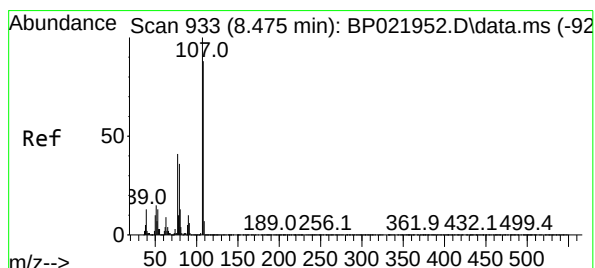
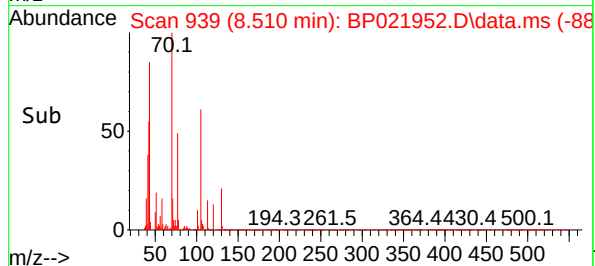
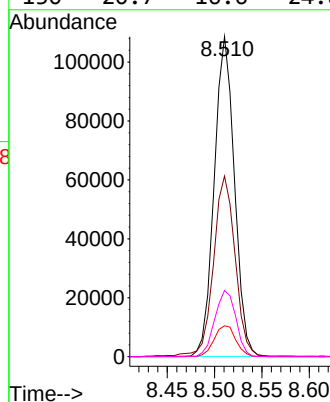
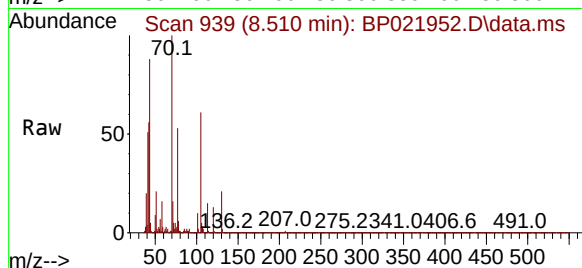
101 9.7 7.8 11.6

130 20.7 16.6 24.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/22/2024



#20

3+4-Methylphenols

Concen: 40.378 ng

RT: 8.475 min Scan# 933

Delta R.T. 0.000 min

Lab File: BP021952.D

Acq: 19 Sep 2024 15:39

Tgt Ion:107 Resp: 242749

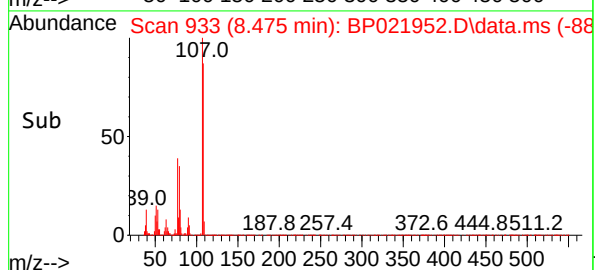
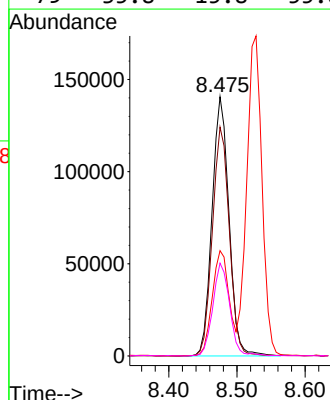
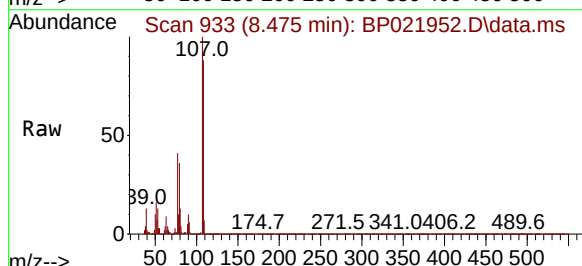
Ion Ratio Lower Upper

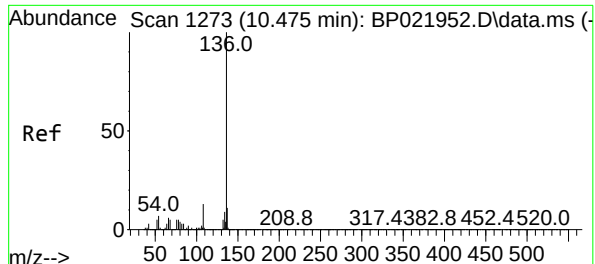
107 100

108 88.3 68.3 108.3

77 40.6 20.6 60.6

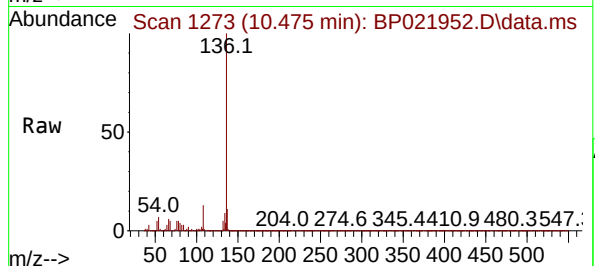
79 35.8 15.8 55.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

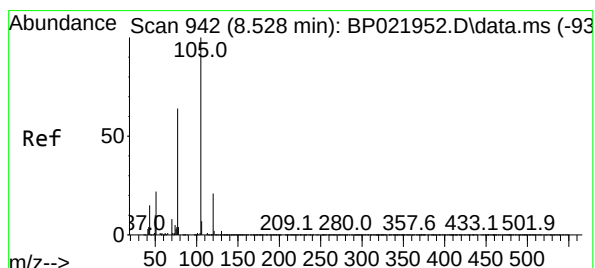
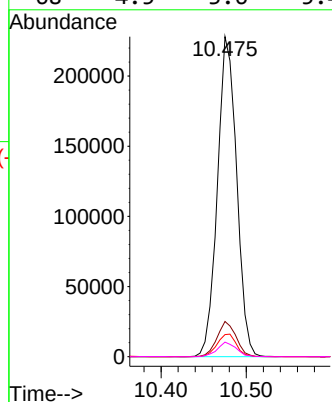
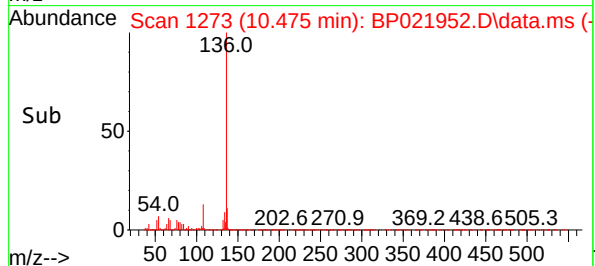
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:136 Resp: 358569
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.9 5.5 8.3
68 4.5 3.6 5.4

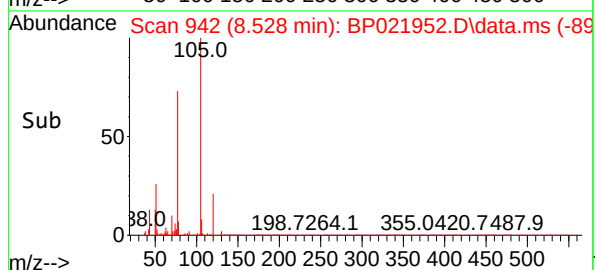
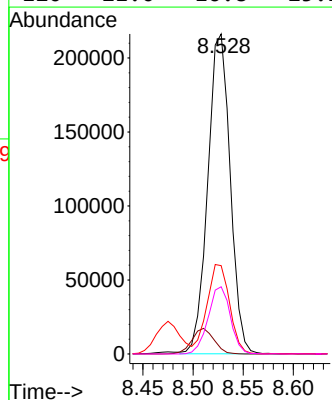
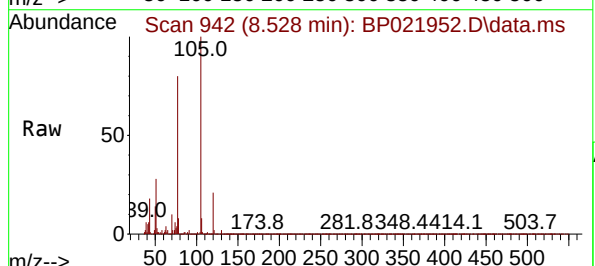
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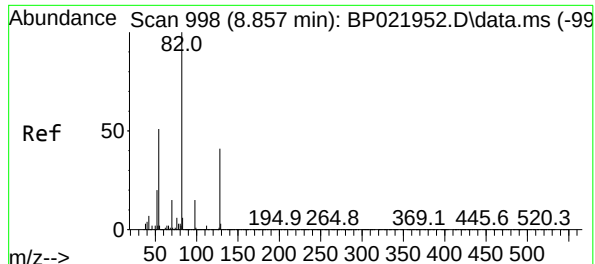
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#22
Acetophenone
Concen: 38.381 ng
RT: 8.528 min Scan# 942
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

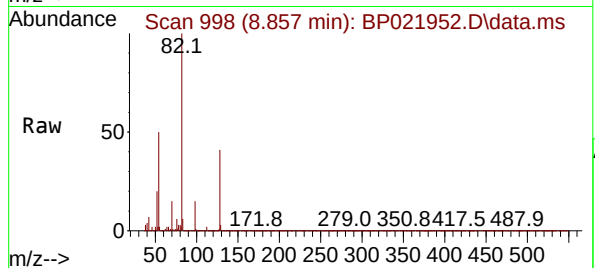
Tgt Ion:105 Resp: 335717
Ion Ratio Lower Upper
105 100
71 1.7 1.4 2.0
51 27.6 22.1 33.1
120 21.0 16.8 25.2





#23
Nitrobenzene-d5
Concen: 78.381 ng
RT: 8.857 min Scan# 998
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

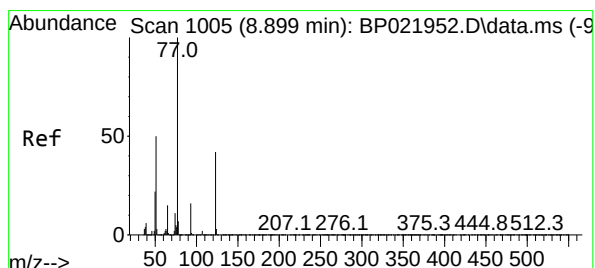
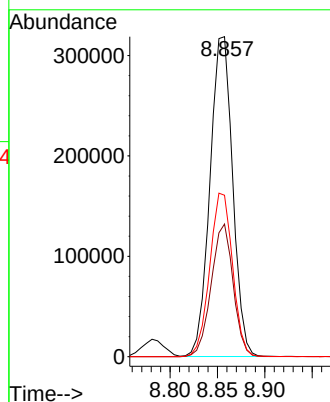
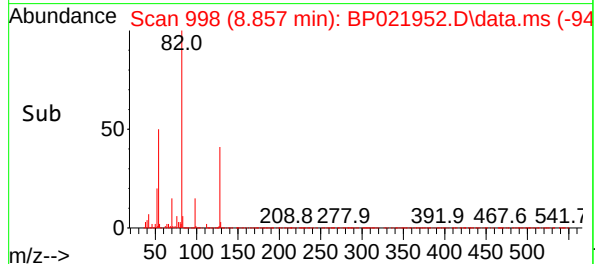
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 82 Resp: 531150
Ion Ratio Lower Upper
82 100
128 41.4 33.1 49.7
54 50.4 40.3 60.5

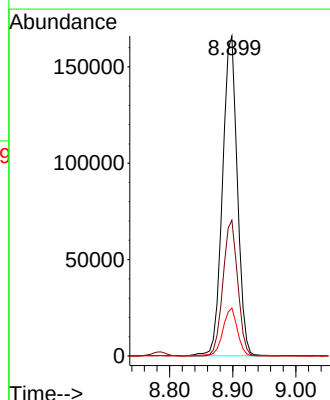
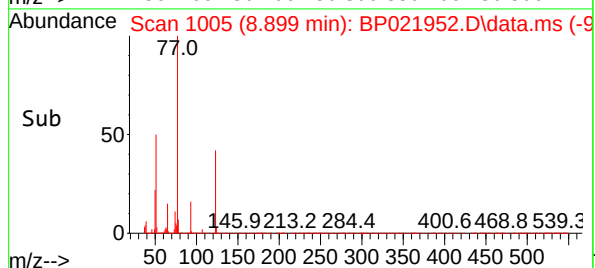
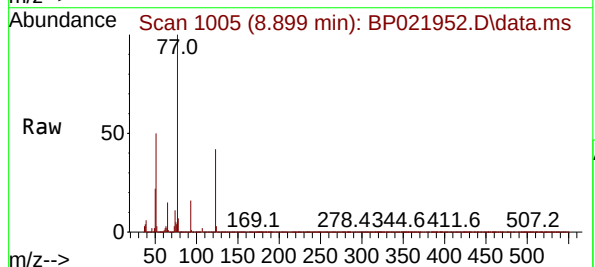
Manual Integrations
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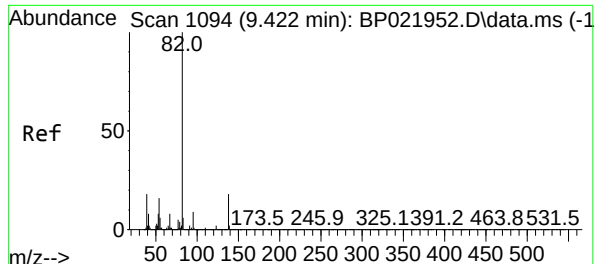
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#24
Nitrobenzene
Concen: 39.355 ng
RT: 8.899 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

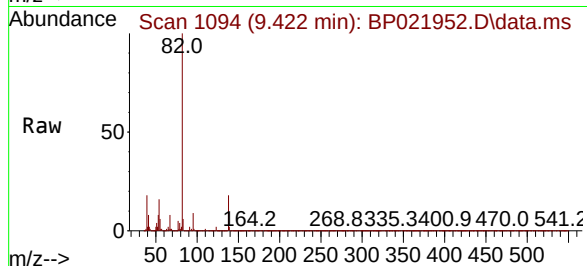
Tgt Ion: 77 Resp: 270830
Ion Ratio Lower Upper
77 100
123 42.4 33.9 50.9
65 15.0 12.0 18.0





#25
Isophorone
Concen: 39.683 ng
RT: 9.422 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

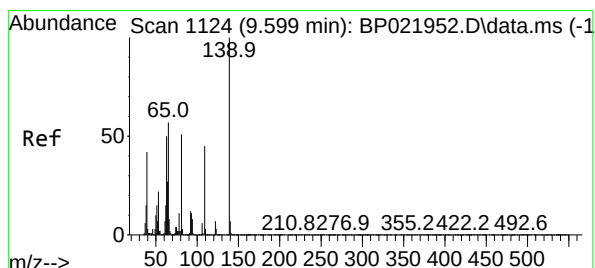
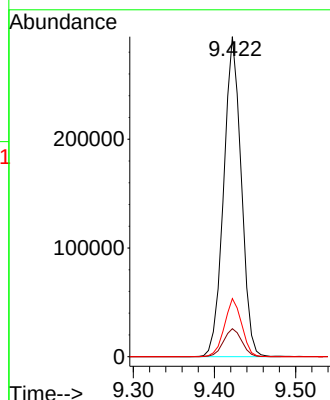
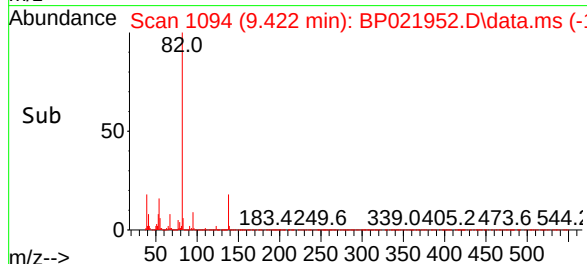
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 82 Resp: 44334
Ion Ratio Lower Upper
82 100
95 8.8 7.0 10.6
138 18.2 14.6 21.8

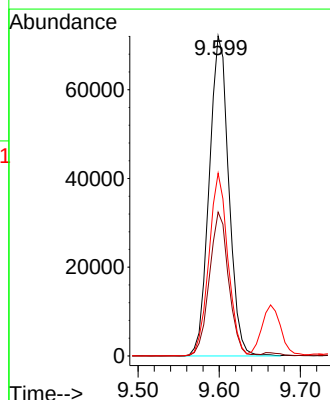
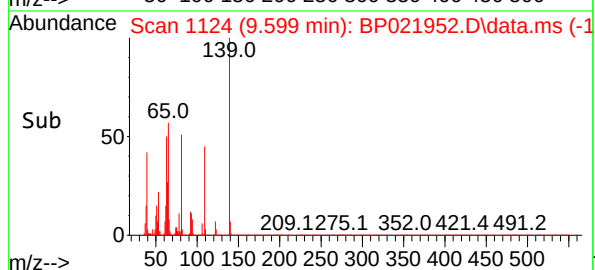
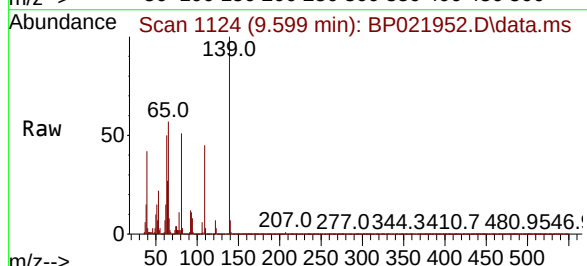
Manual Integrations
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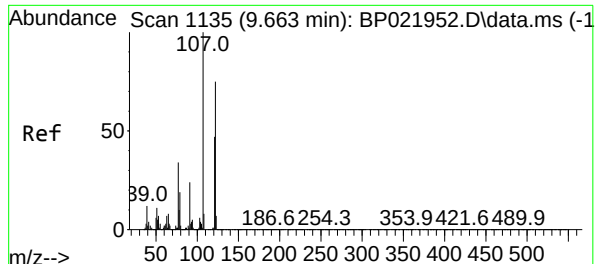
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#26
2-Nitrophenol
Concen: 40.095 ng
RT: 9.599 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

Tgt Ion:139 Resp: 120643
Ion Ratio Lower Upper
139 100
109 45.0 36.0 54.0
65 57.1 45.7 68.5





#27

2,4-Dimethylphenol

Concen: 39.718 ng

RT: 9.663 min Scan# 1135

Delta R.T. 0.000 min

Lab File: BP021952.D

Acq: 19 Sep 2024 15:39

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:122 Resp: 13838

Ion Ratio Lower Upper

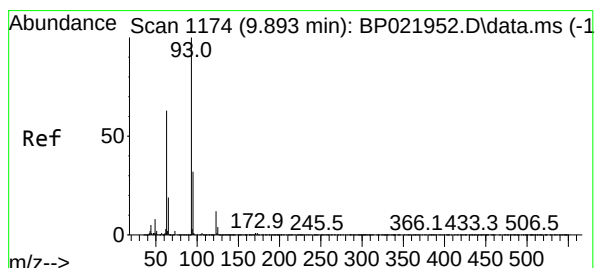
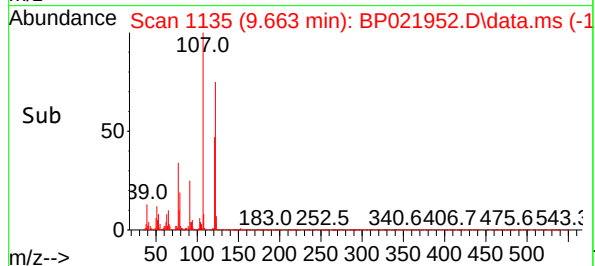
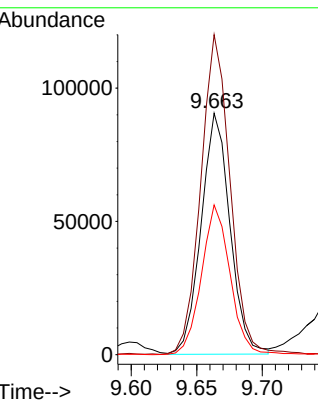
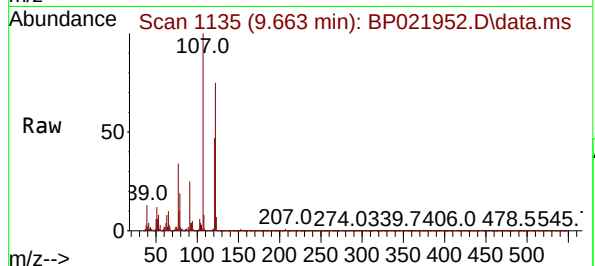
122 100

107 132.6 106.1 159.1

121 62.0 49.6 74.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#28

bis(2-Chloroethoxy)methane

Concen: 39.378 ng

RT: 9.893 min Scan# 1174

Delta R.T. 0.000 min

Lab File: BP021952.D

Acq: 19 Sep 2024 15:39

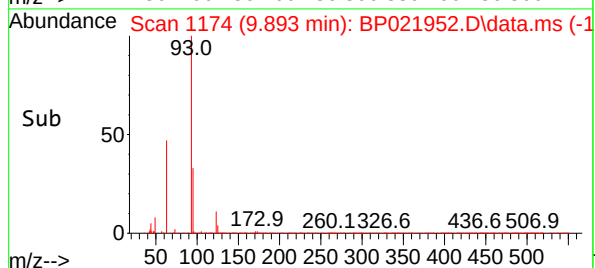
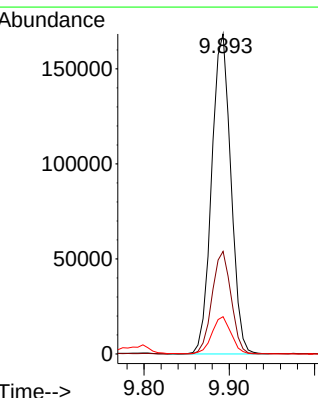
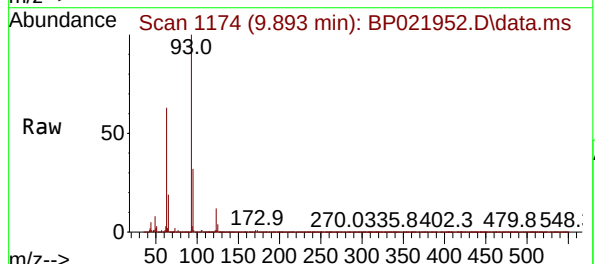
Tgt Ion: 93 Resp: 263786

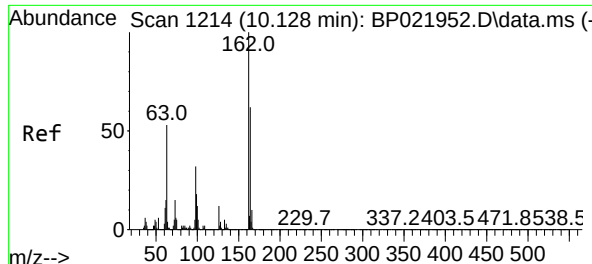
Ion Ratio Lower Upper

93 100

95 32.1 25.7 38.5

123 11.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 40.615 ng

RT: 10.128 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BP021952.D

Acq: 19 Sep 2024 15:39

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:162 Resp: 240192

Ion Ratio Lower Upper

162 100

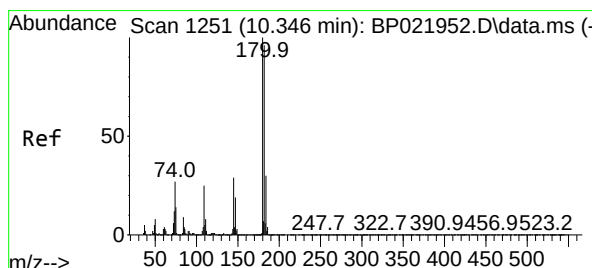
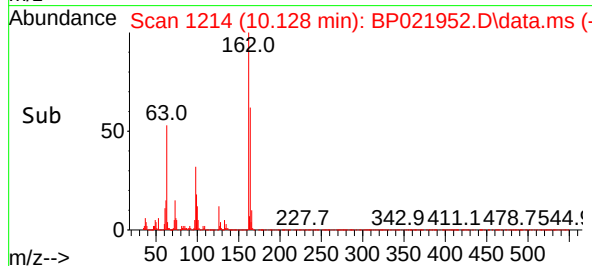
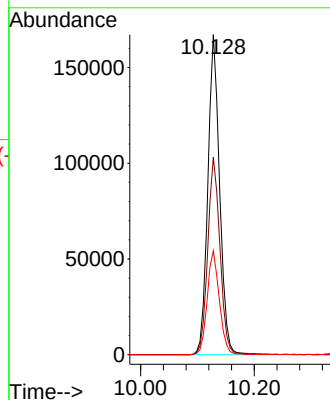
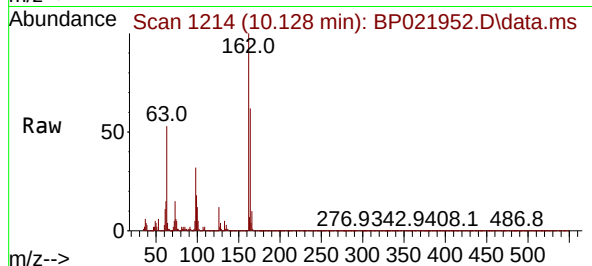
164 61.7 41.7 81.7

98 32.4 12.4 52.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/22/2024



#30

1,2,4-Trichlorobenzene

Concen: 39.129 ng

RT: 10.346 min Scan# 1251

Delta R.T. 0.000 min

Lab File: BP021952.D

Acq: 19 Sep 2024 15:39

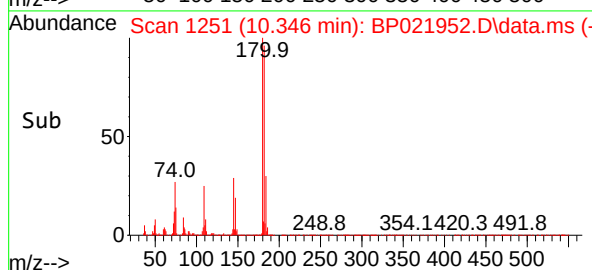
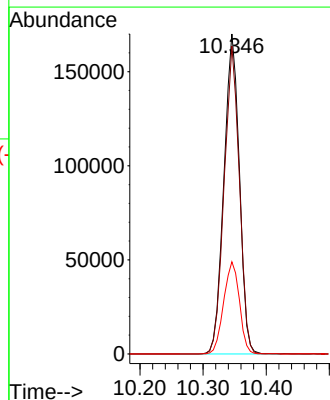
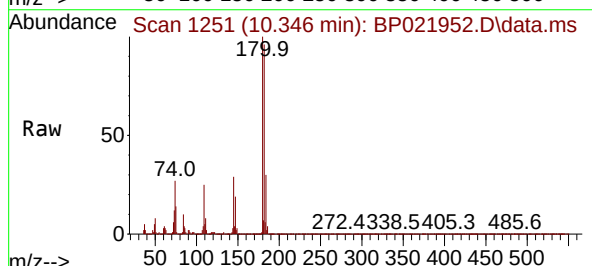
Tgt Ion:180 Resp: 288234

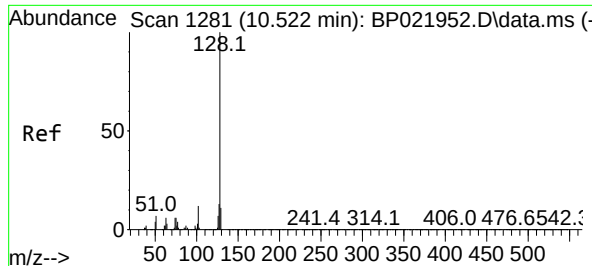
Ion Ratio Lower Upper

180 100

182 96.2 77.0 115.4

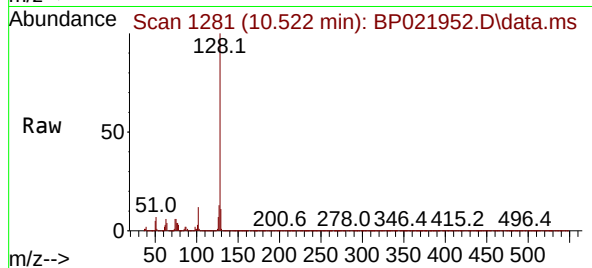
145 28.8 23.0 34.6





#31
Naphthalene
Concen: 39.056 ng
RT: 10.522 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

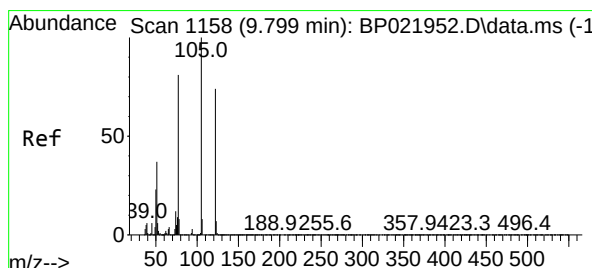
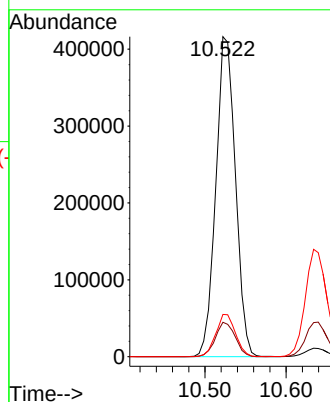
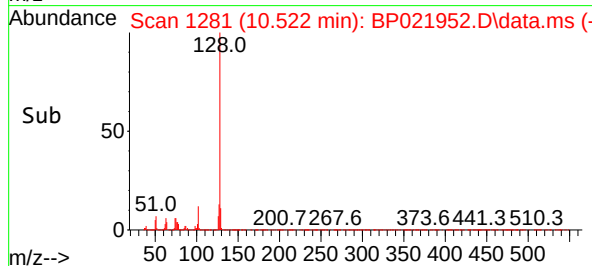
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:128 Resp: 698793
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.2 10.6 15.8

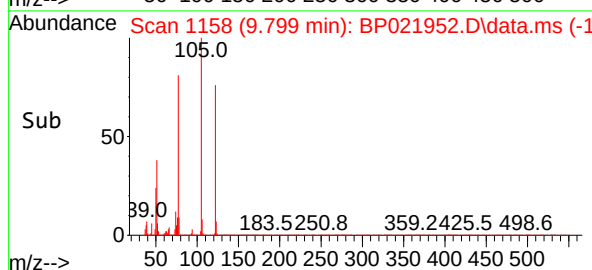
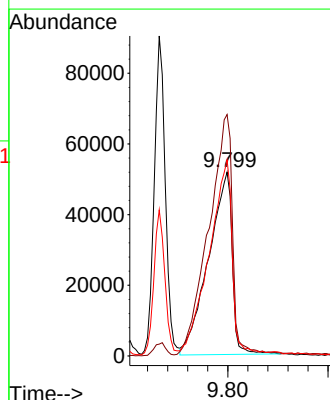
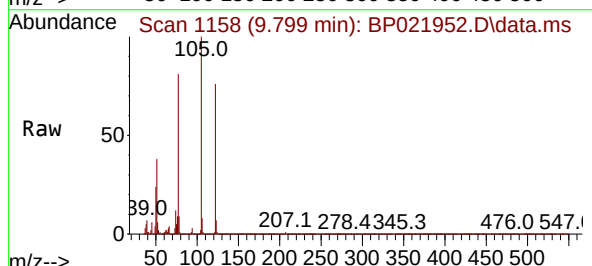
Manual Integrations
APPROVED

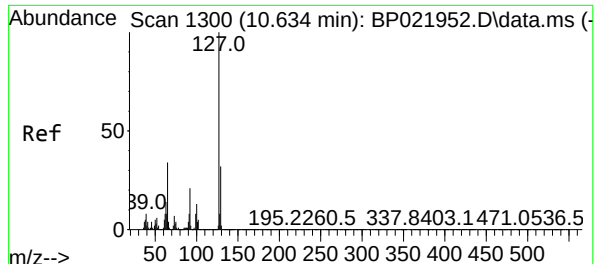
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#32
Benzoic acid
Concen: 40.543 ng
RT: 9.799 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

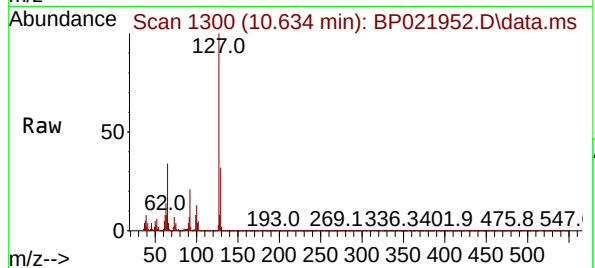
Tgt Ion:122 Resp: 168297
Ion Ratio Lower Upper
122 100
105 131.3 111.3 151.3
77 106.7 86.7 126.7





#33
4-Chloroaniline
Concen: 40.355 ng
RT: 10.634 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

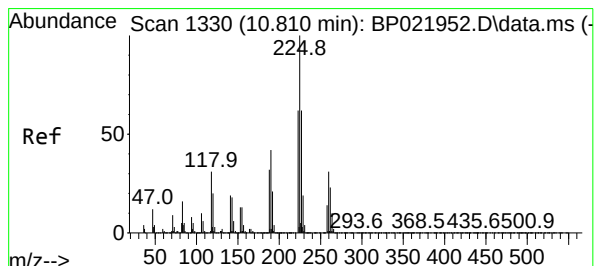
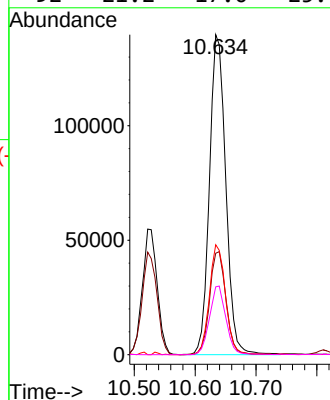
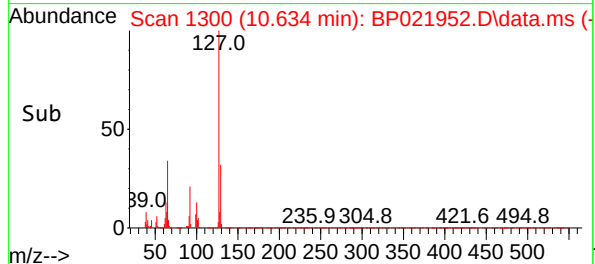
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:127 Resp: 260430
Ion Ratio Lower Upper
127 100
129 31.7 25.4 38.0
65 34.3 27.4 41.2
92 21.2 17.0 25.4

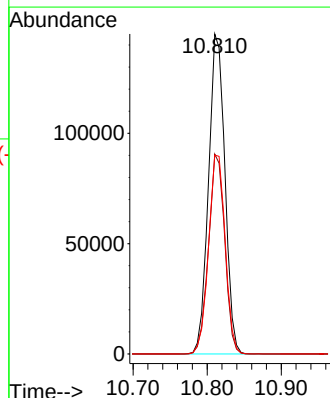
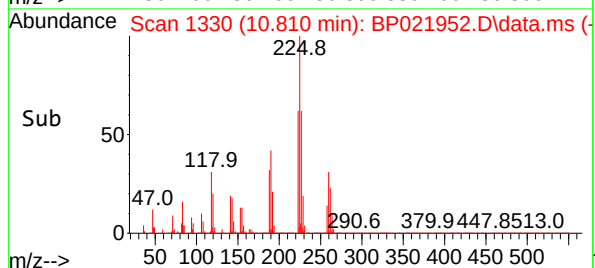
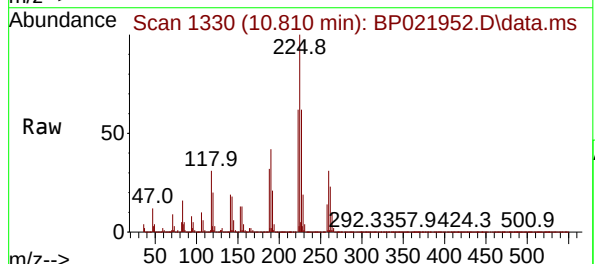
Manual Integrations
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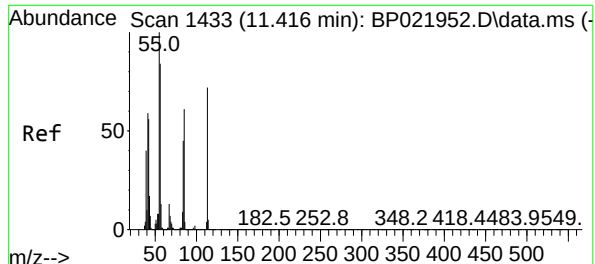
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#34
Hexachlorobutadiene
Concen: 38.570 ng
RT: 10.810 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

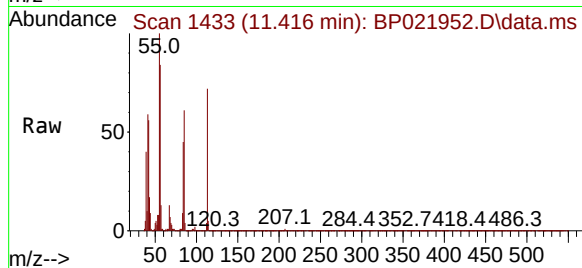
Tgt Ion:225 Resp: 222266
Ion Ratio Lower Upper
225 100
223 62.5 50.0 75.0
227 62.1 49.7 74.5





#35
Caprolactam
Concen: 40.547 ng
RT: 11.416 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

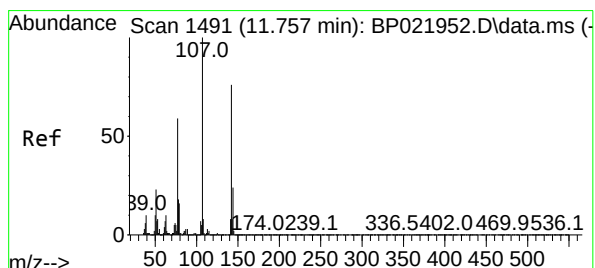
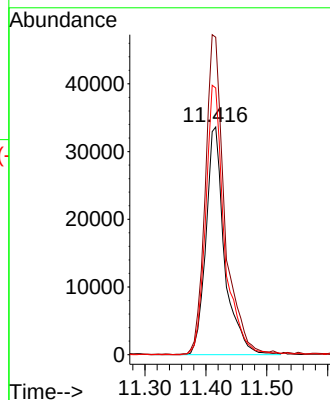
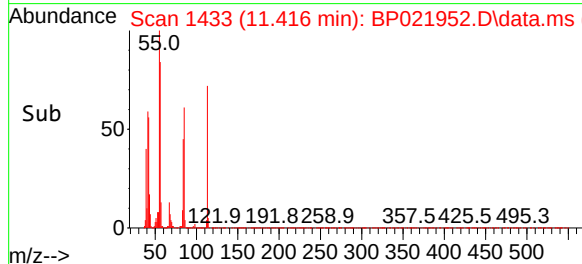
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



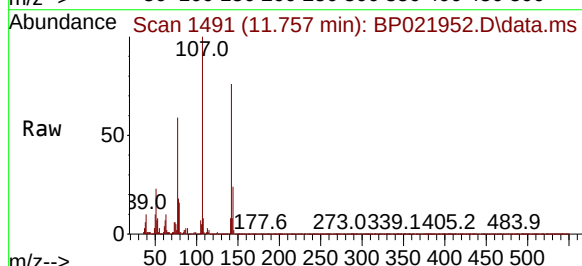
Tgt Ion:113 Resp: 71229
Ion Ratio Lower Upper
113 100
55 139.4 119.4 159.4
56 117.1 97.1 137.1

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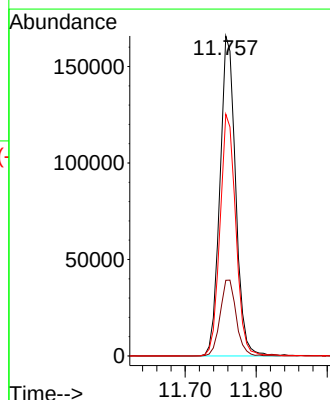
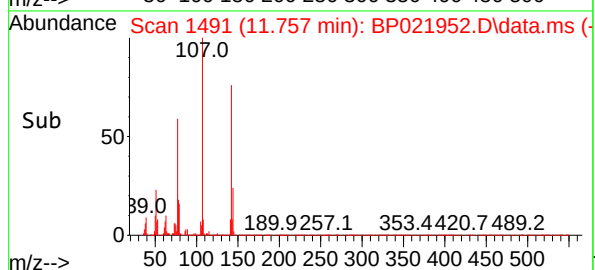
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

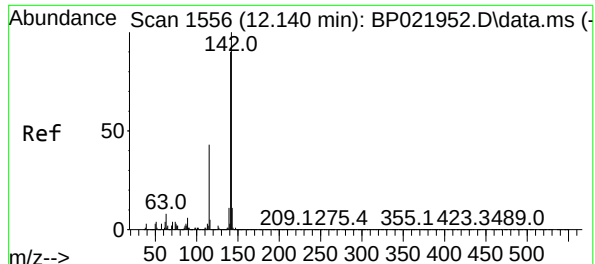


#36
4-Chloro-3-methylphenol
Concen: 40.016 ng
RT: 11.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39



Tgt Ion:107 Resp: 253885
Ion Ratio Lower Upper
107 100
144 23.7 19.0 28.4
142 75.5 60.4 90.6





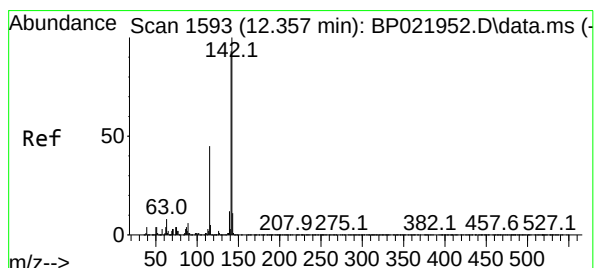
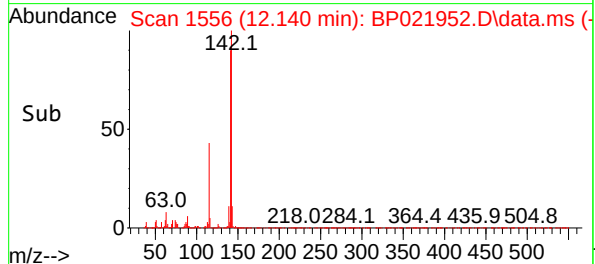
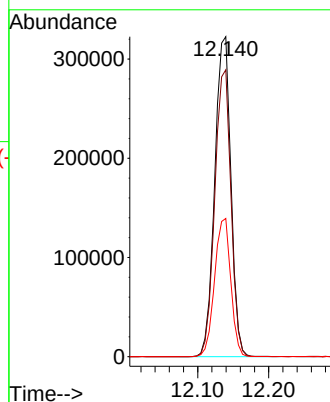
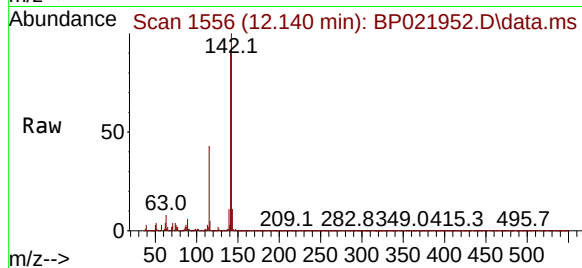
#37
2-Methylnaphthalene
Concen: 39.019 ng
RT: 12.140 min Scan# 1556
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:142 Resp: 510764
Ion Ratio Lower Upper
142 100
141 89.6 71.7 107.5
115 43.2 34.6 51.8

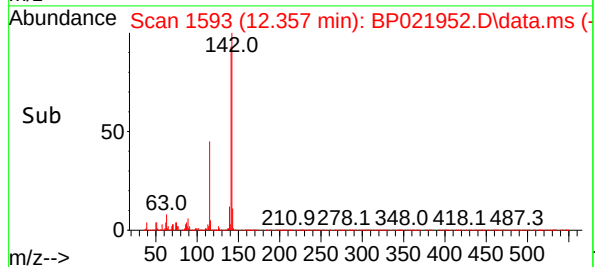
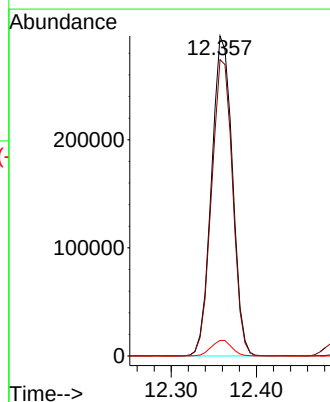
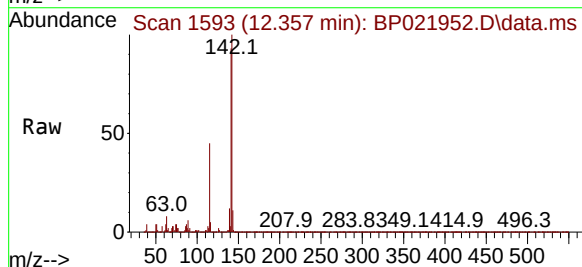
Manual Integrations
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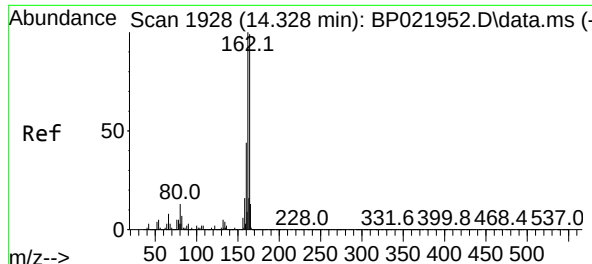
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#38
1-Methylnaphthalene
Concen: 39.057 ng
RT: 12.357 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

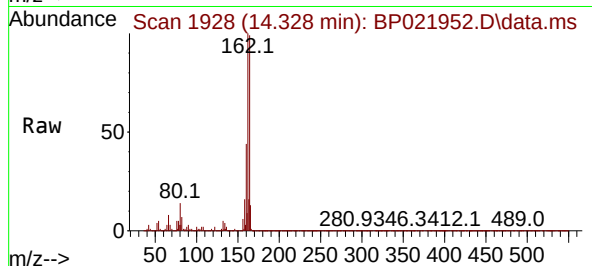
Tgt Ion:142 Resp: 504782
Ion Ratio Lower Upper
142 100
141 92.6 74.1 111.1
116 4.8 3.8 5.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.328 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

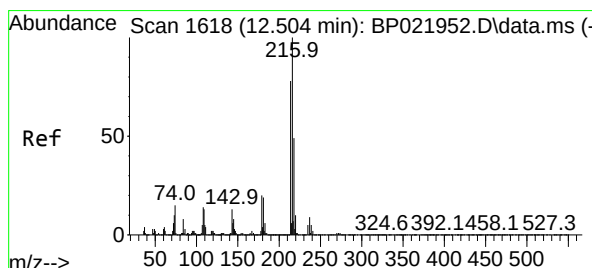
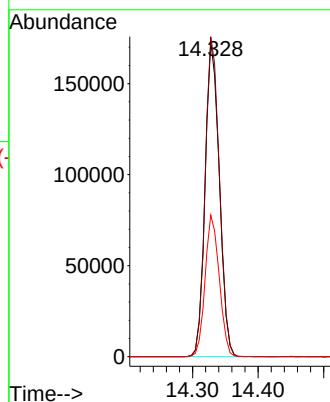
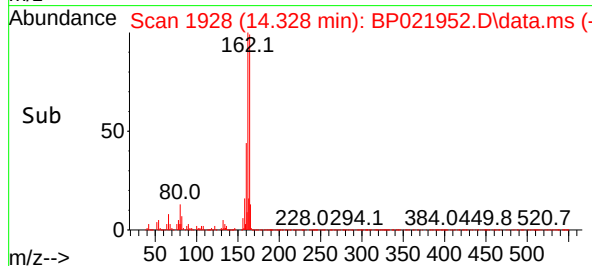
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:164 Resp: 261480
Ion Ratio Lower Upper
164 100
162 101.5 81.2 121.8
160 44.9 35.9 53.9

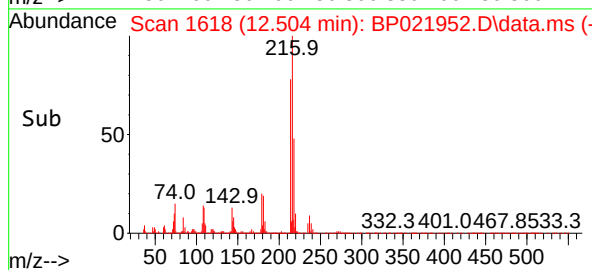
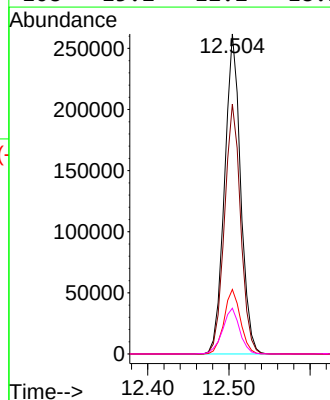
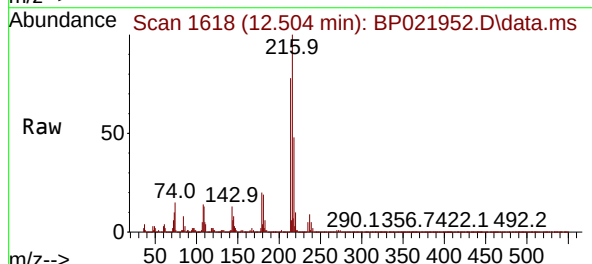
Manual Integrations
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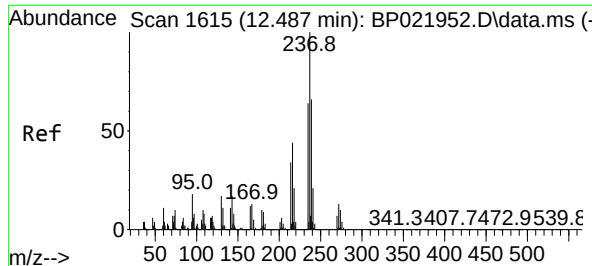
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.369 ng
RT: 12.504 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

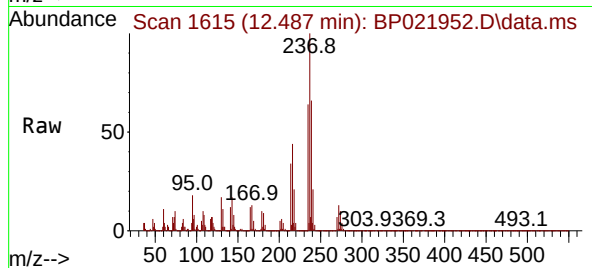
Tgt Ion:216 Resp: 360163
Ion Ratio Lower Upper
216 100
214 78.5 62.8 94.2
179 20.5 16.4 24.6
108 15.2 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 39.124 ng
RT: 12.487 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

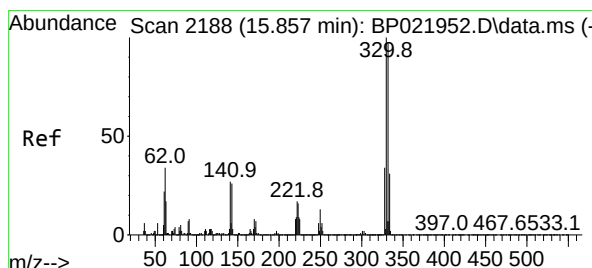
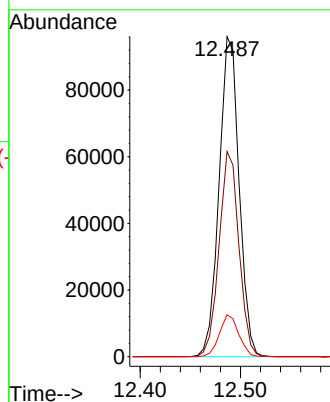
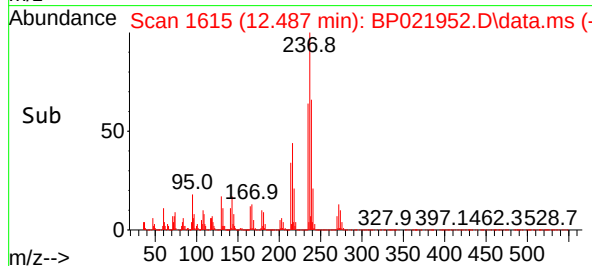
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 237 Resp: 132990
Ion Ratio Lower Upper
237 100
235 64.1 44.1 84.1
272 13.1 0.0 33.1

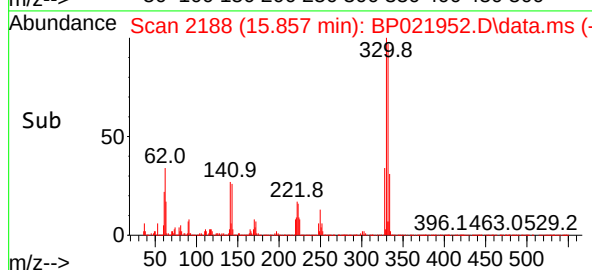
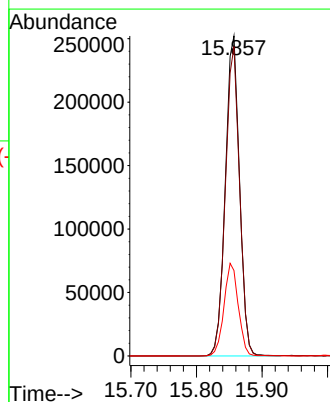
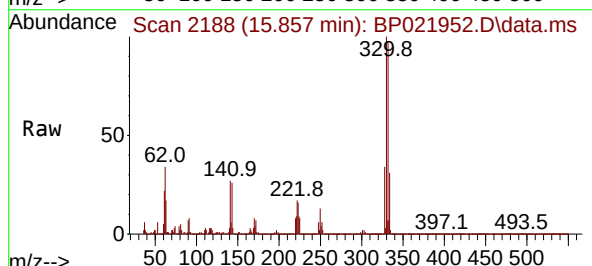
Manual Integrations
APPROVED

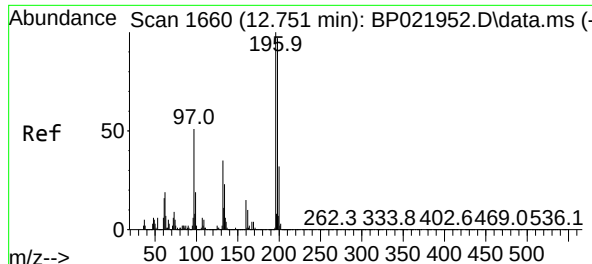
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#42
2,4,6-Tribromophenol
Concen: 77.840 ng
RT: 15.857 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

Tgt Ion: 330 Resp: 377341
Ion Ratio Lower Upper
330 100
332 96.9 77.5 116.3
141 29.2 23.4 35.0





#43

2,4,6-Trichlorophenol

Concen: 40.203 ng

RT: 12.751 min Scan# 1660

Delta R.T. 0.000 min

Lab File: BP021952.D

Acq: 19 Sep 2024 15:39

Instrument :

BNA_P

ClientSampleId :

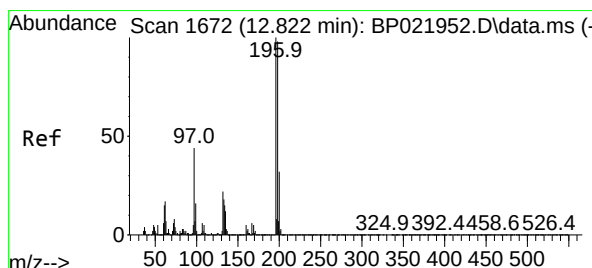
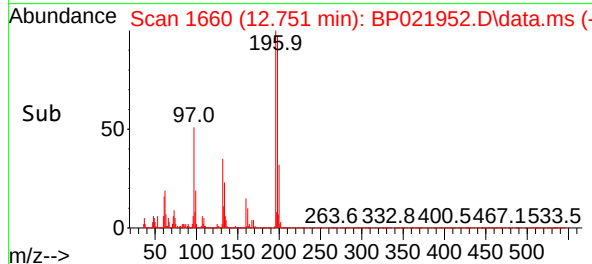
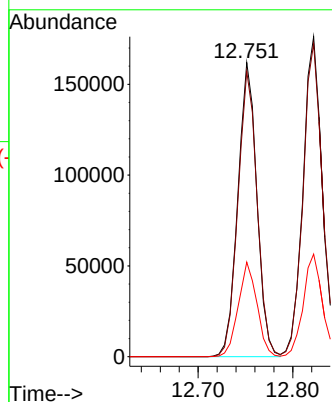
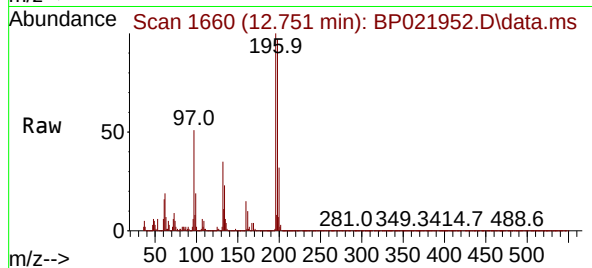
SSTDICCC040

Tgt Ion	196	Resp	225749
Ion	Ratio	Lower	Upper
196	100		
198	97.0	77.6	116.4
200	32.2	25.8	38.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#44

2,4,5-Trichlorophenol

Concen: 39.758 ng

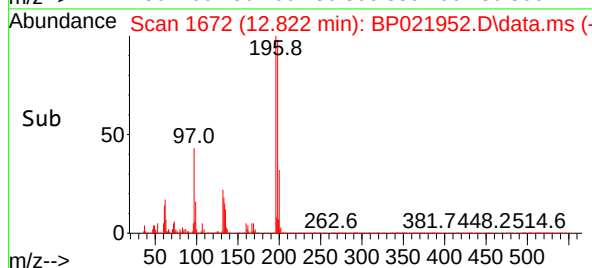
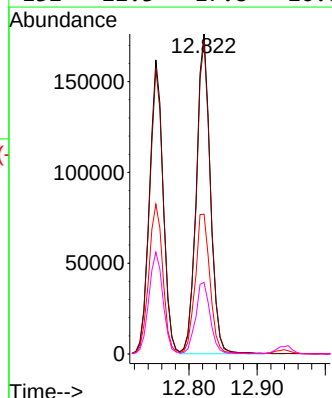
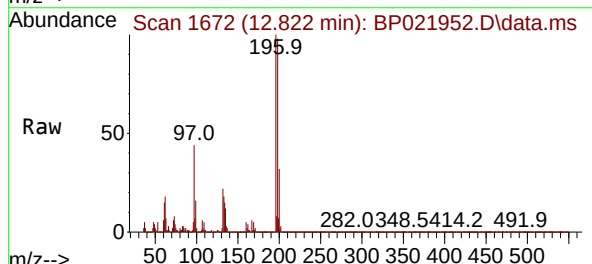
RT: 12.822 min Scan# 1672

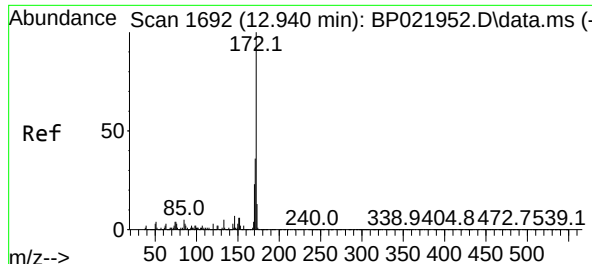
Delta R.T. 0.000 min

Lab File: BP021952.D

Acq: 19 Sep 2024 15:39

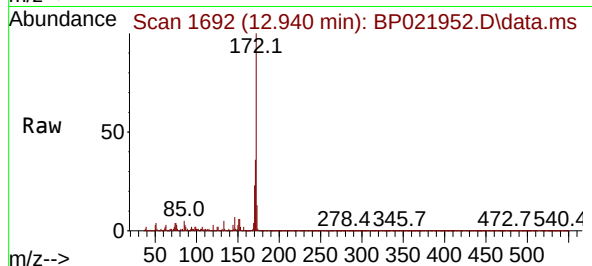
Tgt Ion	196	Resp	250435
Ion	Ratio	Lower	Upper
196	100		
198	97.8	78.2	117.4
97	43.7	35.0	52.4
132	22.3	17.8	26.8





#45
2-Fluorobiphenyl
Concen: 77.547 ng
RT: 12.940 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

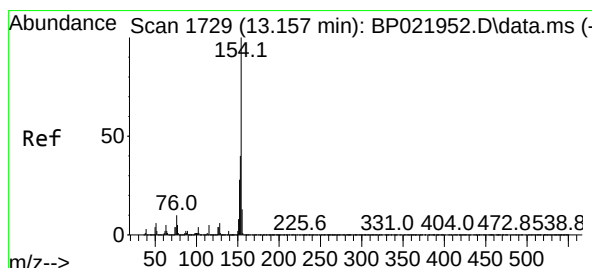
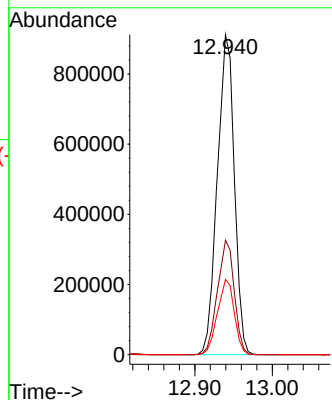
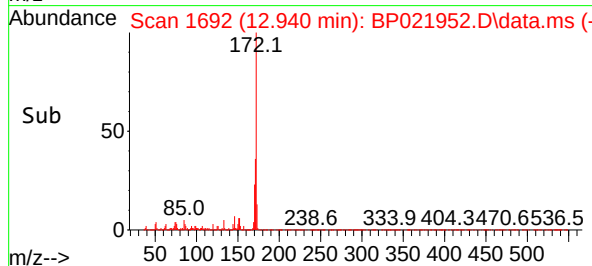
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:172 Resp: 1389090
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.5 18.8 28.2

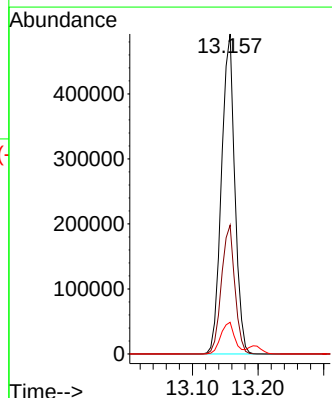
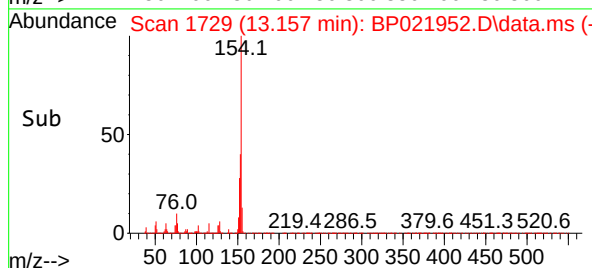
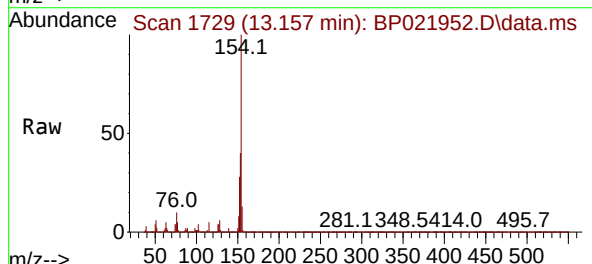
Manual Integrations
APPROVED

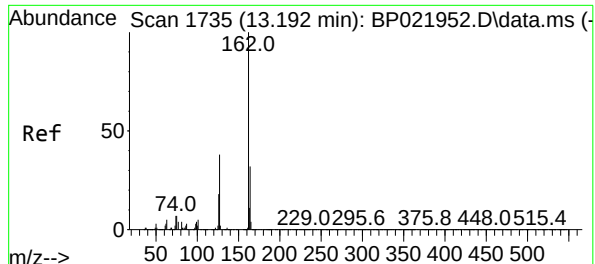
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#46
1,1'-Biphenyl
Concen: 38.749 ng
RT: 13.157 min Scan# 1729
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

Tgt Ion:154 Resp: 690851
Ion Ratio Lower Upper
154 100
153 40.2 20.2 60.2
76 9.9 0.0 29.9





#47

2-Chloronaphthalene

Concen: 39.082 ng

RT: 13.192 min Scan# 1735

Delta R.T. 0.000 min

Lab File: BP021952.D

Acq: 19 Sep 2024 15:39

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:162 Resp: 563410

Ion Ratio Lower Upper

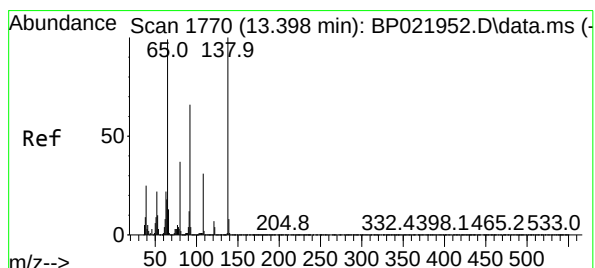
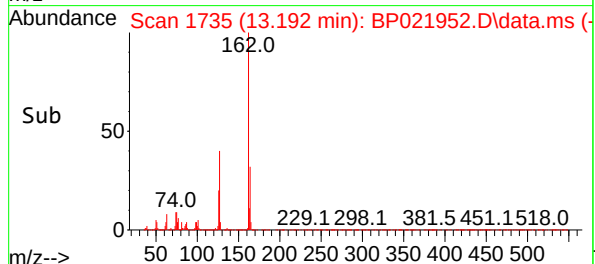
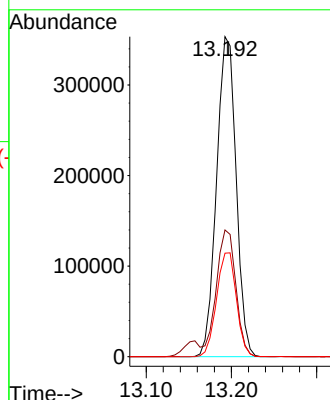
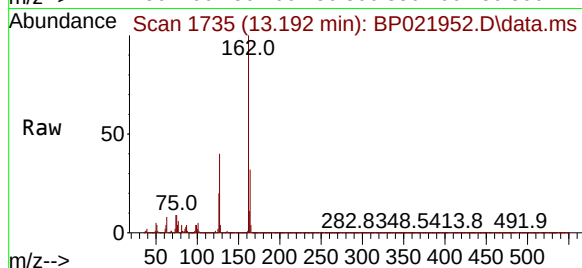
162 100

127 39.6 31.7 47.5

164 32.4 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#48

2-Nitroaniline

Concen: 41.999 ng

RT: 13.398 min Scan# 1770

Delta R.T. 0.000 min

Lab File: BP021952.D

Acq: 19 Sep 2024 15:39

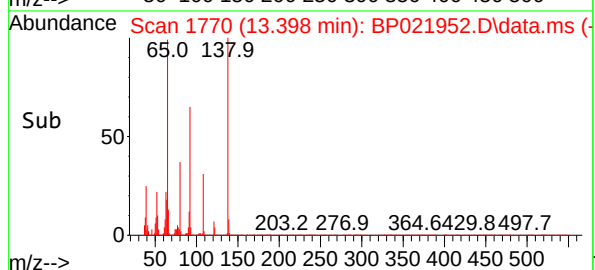
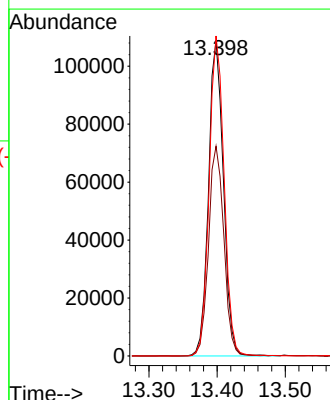
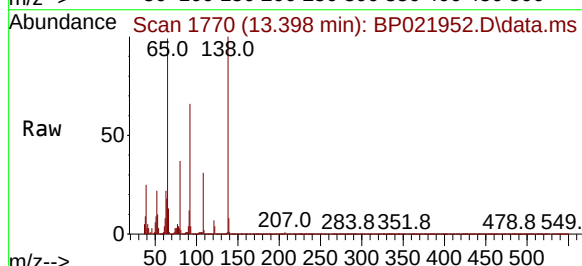
Tgt Ion: 65 Resp: 165331

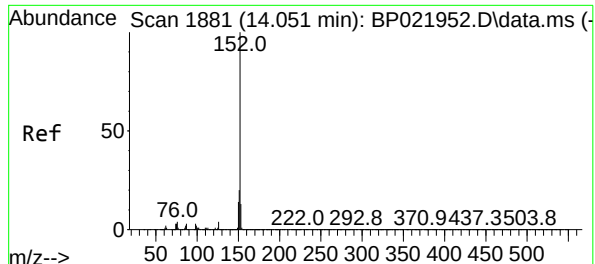
Ion Ratio Lower Upper

65 100

92 66.5 53.2 79.8

138 101.4 81.1 121.7





#49

Acenaphthylene

Concen: 40.042 ng

RT: 14.051 min Scan# 1881

Delta R.T. 0.000 min

Lab File: BP021952.D

Acq: 19 Sep 2024 15:39

Instrument :

BNA_P

ClientSampleId :

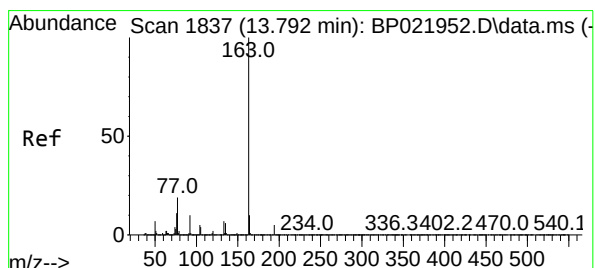
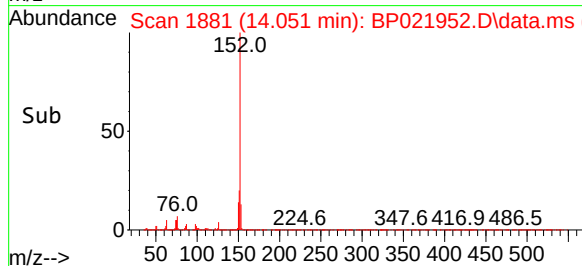
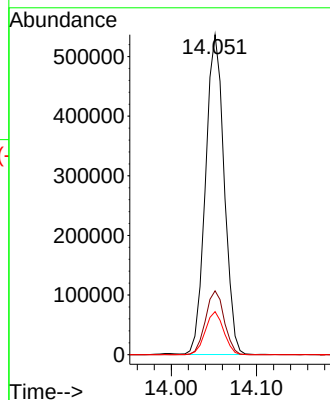
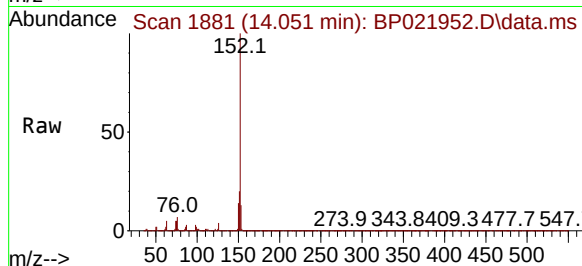
SSTDICCC040

Tgt Ion:	152	Resp:	814562
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.0	24.0
153	13.5	10.8	16.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/22/2024



#50

Dimethylphthalate

Concen: 39.513 ng

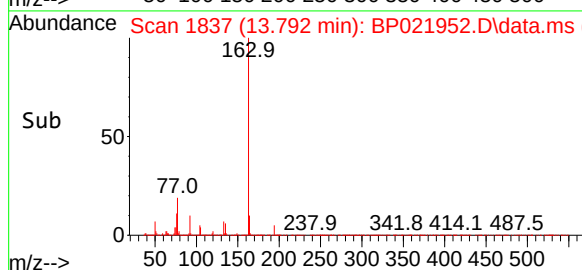
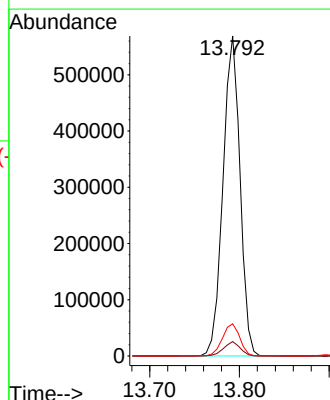
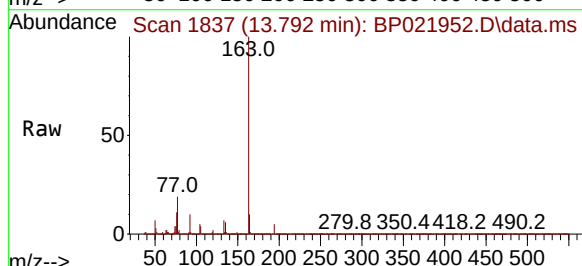
RT: 13.792 min Scan# 1837

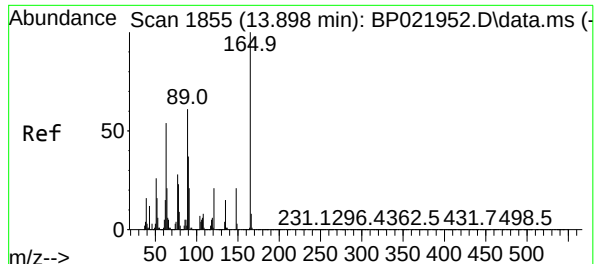
Delta R.T. 0.000 min

Lab File: BP021952.D

Acq: 19 Sep 2024 15:39

Tgt Ion:	163	Resp:	749365
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.6	5.4
164	10.0	8.0	12.0





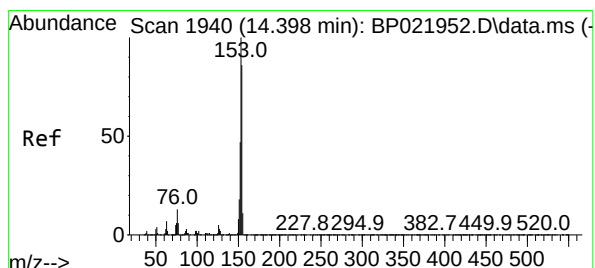
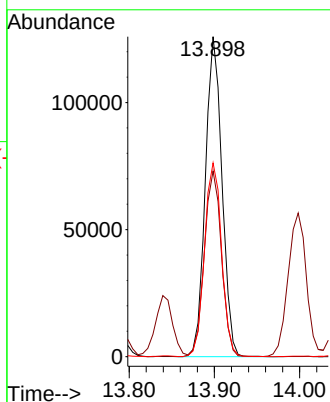
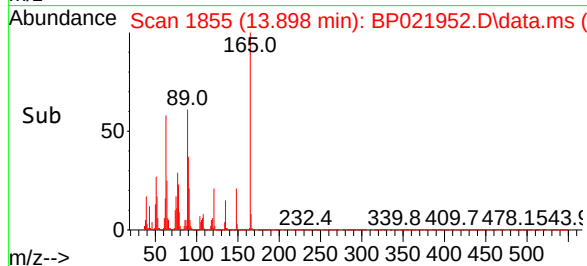
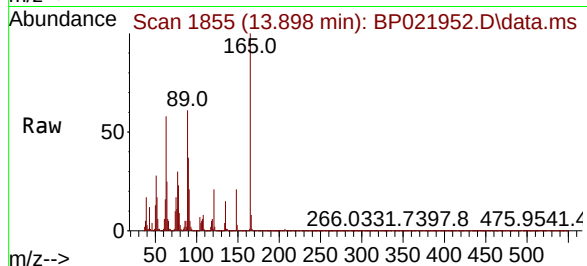
#51
2,6-Dinitrotoluene
Concen: 40.324 ng
RT: 13.898 min Scan# 1855
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 170408
Ion Ratio Lower Upper
165 100
63 58.0 46.4 69.6
89 60.6 48.5 72.7

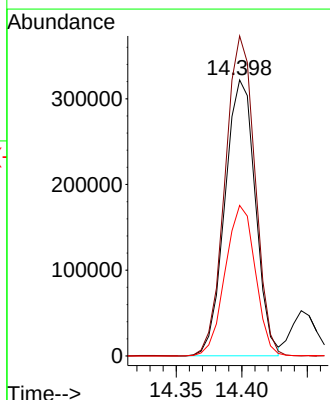
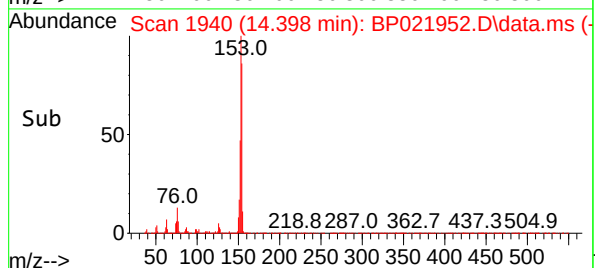
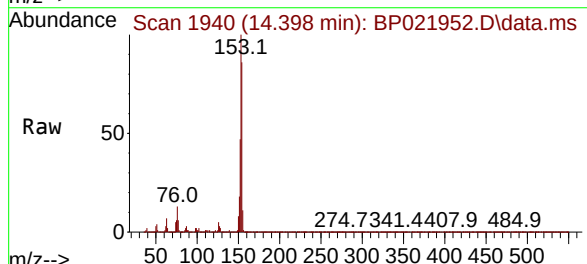
Manual Integrations
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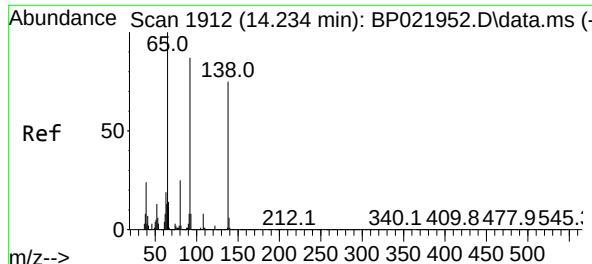
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#52
Acenaphthene
Concen: 39.261 ng
RT: 14.398 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

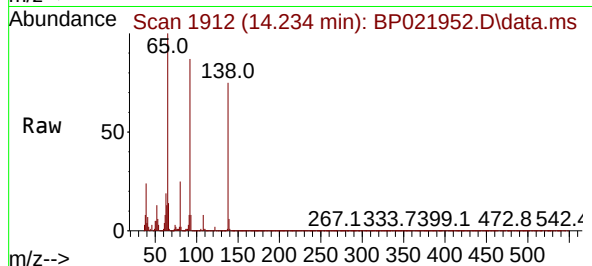
Tgt Ion:154 Resp: 519791
Ion Ratio Lower Upper
154 100
153 115.9 92.7 139.1
152 54.5 43.6 65.4





#53
3-Nitroaniline
Concen: 41.644 ng
RT: 14.234 min Scan# 1912
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

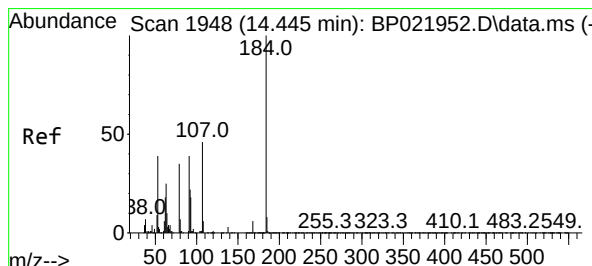
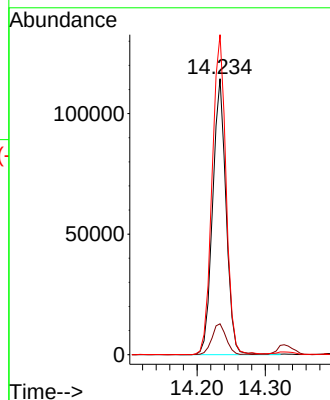
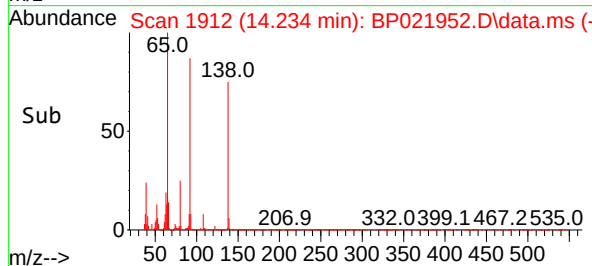
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:138 Resp: 15684
Ion Ratio Lower Upper
138 100
108 11.2 9.0 13.4
92 116.0 92.8 139.2

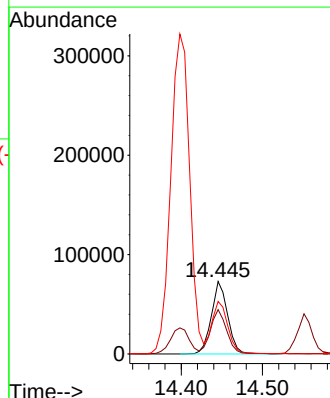
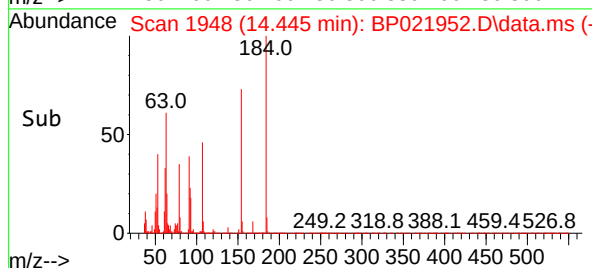
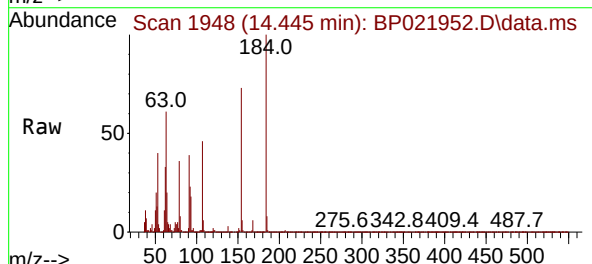
Manual Integrations
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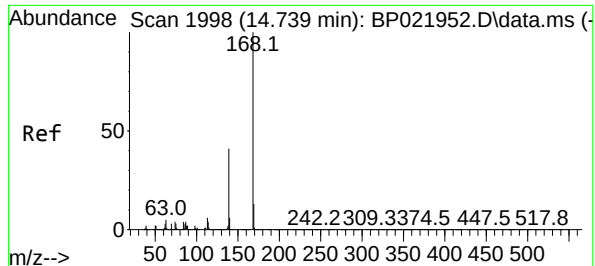
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#54
2,4-Dinitrophenol
Concen: 40.980 ng
RT: 14.445 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

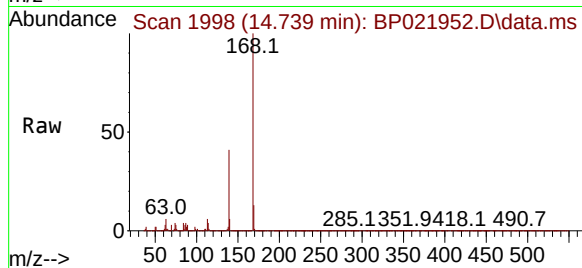
Tgt Ion:184 Resp: 101469
Ion Ratio Lower Upper
184 100
63 61.3 49.0 73.6
154 72.6 58.1 87.1





#55
Dibenzenofuran
Concen: 39.146 ng
RT: 14.739 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

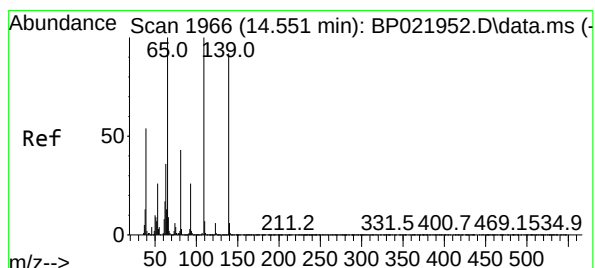
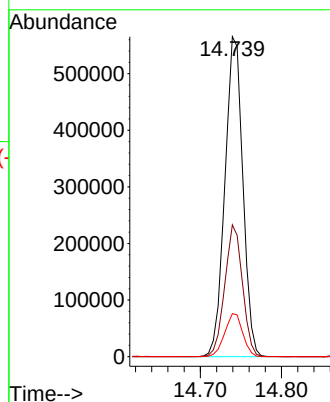
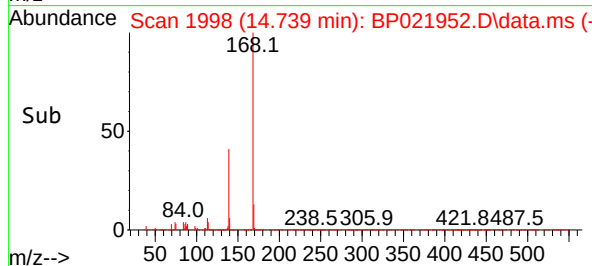
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:168 Resp: 871139
Ion Ratio Lower Upper
168 100
139 41.2 33.0 49.4
169 13.4 10.7 16.1

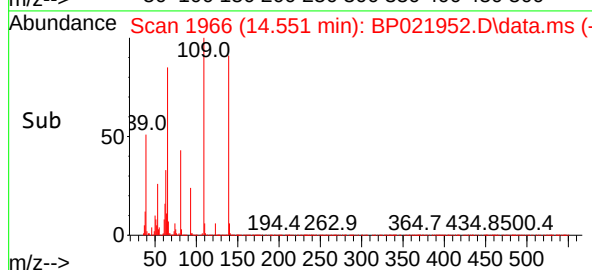
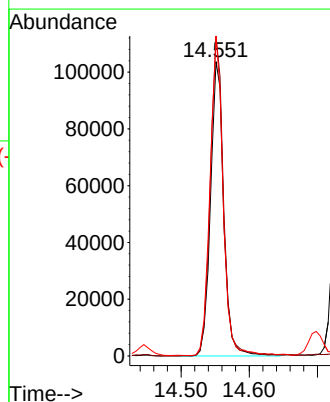
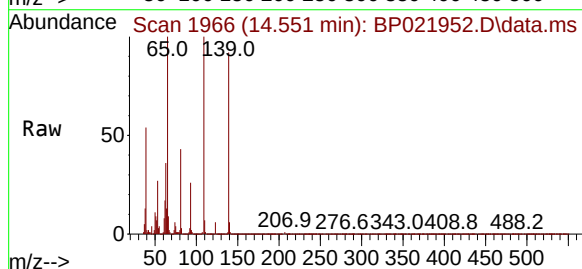
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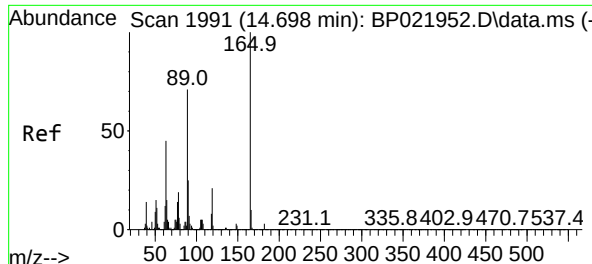
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#56
4-Nitrophenol
Concen: 42.568 ng
RT: 14.551 min Scan# 1966
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

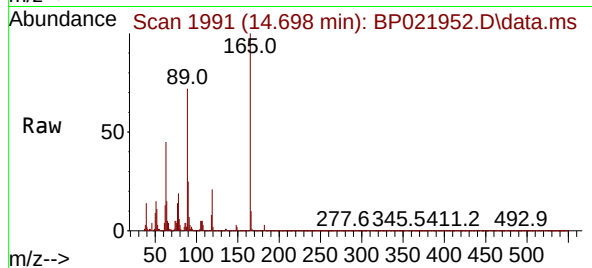
Tgt Ion:139 Resp: 139549
Ion Ratio Lower Upper
139 100
109 108.6 88.6 128.6
65 108.7 88.7 128.7





#57
2,4-Dinitrotoluene
Concen: 40.954 ng
RT: 14.698 min Scan# 1991
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

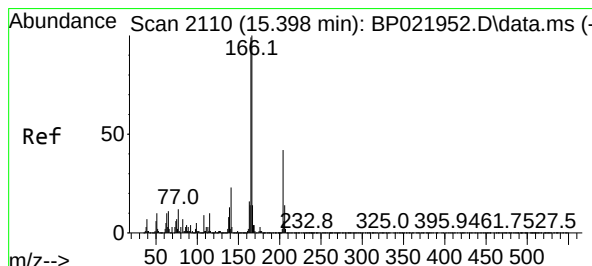
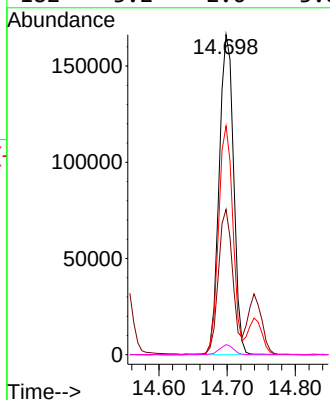
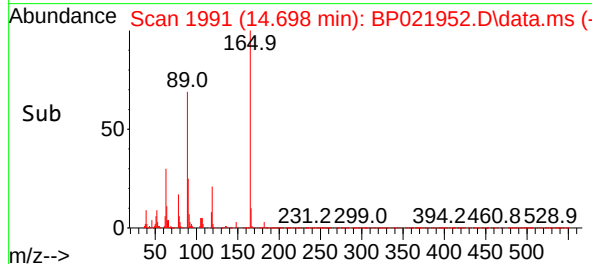
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:165 Resp: 24466
Ion Ratio Lower Upper
165 100
63 45.4 36.3 54.5
89 71.5 57.2 85.8
182 3.2 2.6 3.8

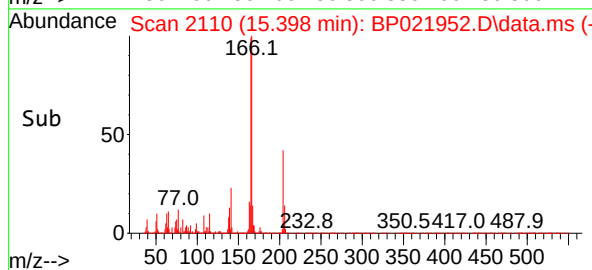
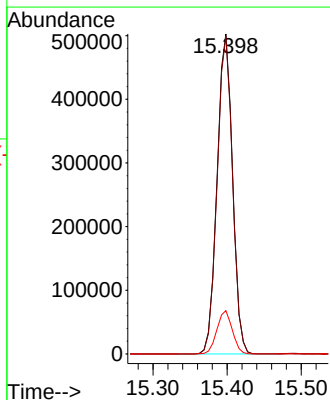
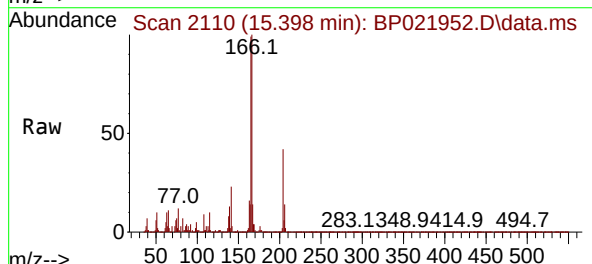
Manual Integrations
APPROVED

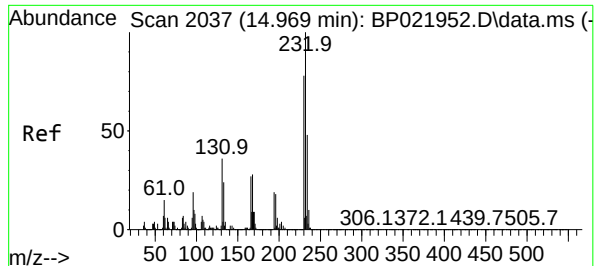
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#58
Fluorene
Concen: 39.218 ng
RT: 15.398 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

Tgt Ion:166 Resp: 728823
Ion Ratio Lower Upper
166 100
165 99.3 79.4 119.2
167 13.6 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.386 ng

RT: 14.969 min Scan# 2037

Delta R.T. 0.000 min

Lab File: BP021952.D

Acq: 19 Sep 2024 15:39

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:232 Resp: 239438

Ion Ratio Lower Upper

232 100

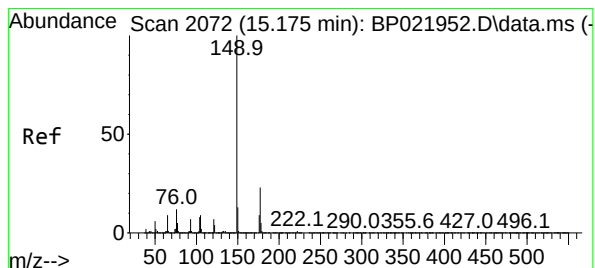
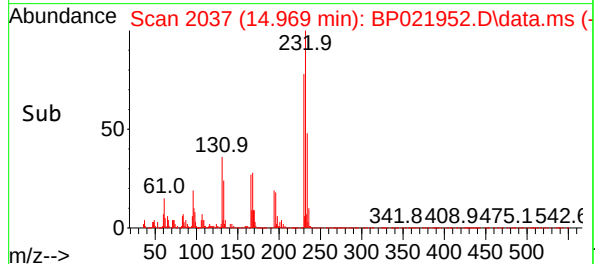
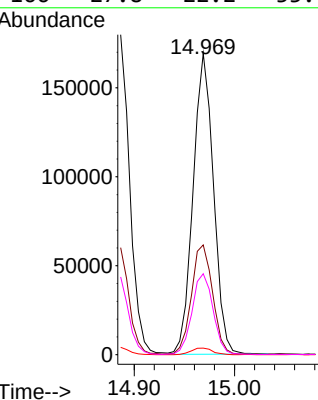
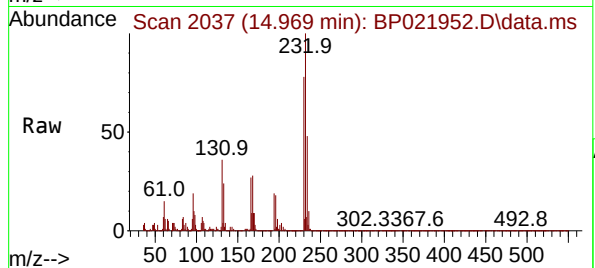
131 37.8 30.2 45.4

130 2.4 1.9 2.9

166 27.8 22.2 33.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#60

Diethylphthalate

Concen: 38.902 ng

RT: 15.175 min Scan# 2072

Delta R.T. 0.000 min

Lab File: BP021952.D

Acq: 19 Sep 2024 15:39

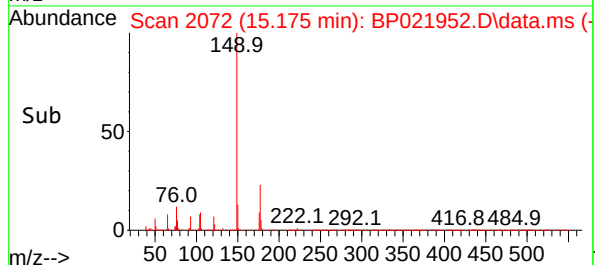
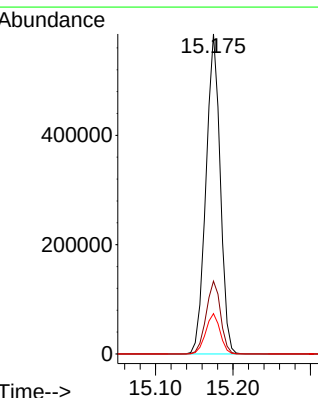
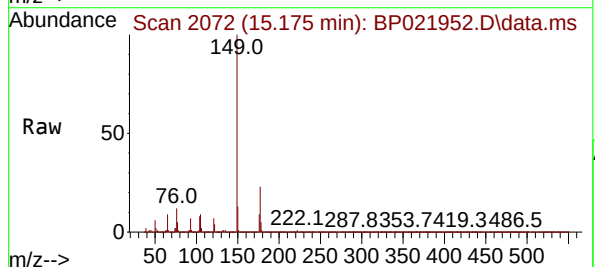
Tgt Ion:149 Resp: 749704

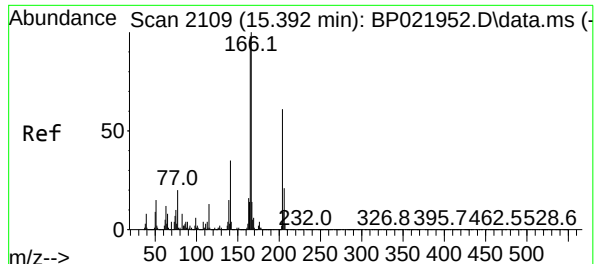
Ion Ratio Lower Upper

149 100

177 22.8 18.2 27.4

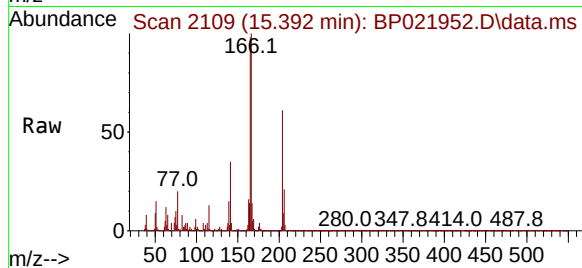
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 38.417 ng
RT: 15.392 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

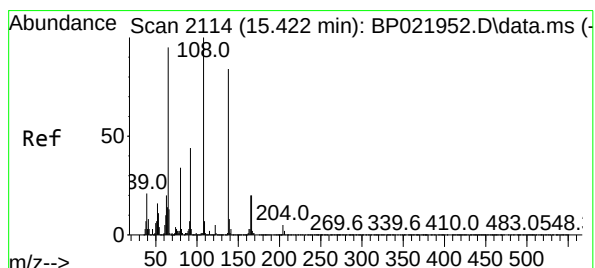
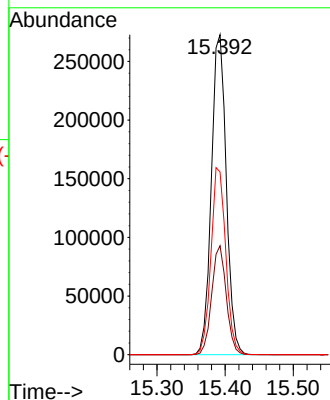
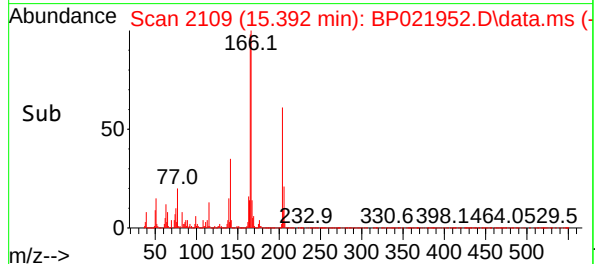
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 204 Resp: 415649
Ion Ratio Lower Upper
204 100
206 34.1 27.3 40.9
141 57.1 45.7 68.5

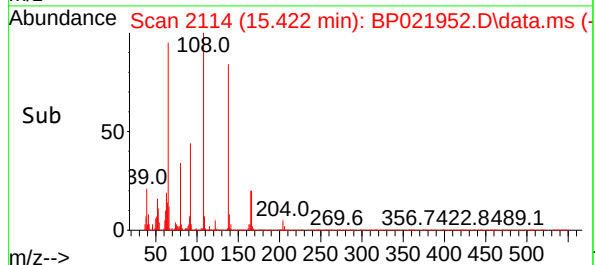
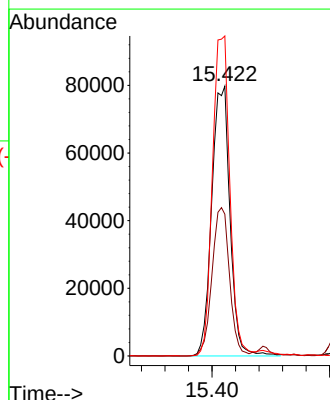
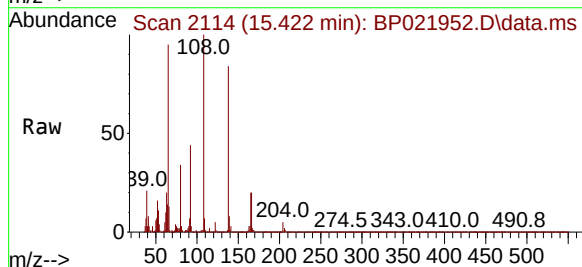
Manual Integrations
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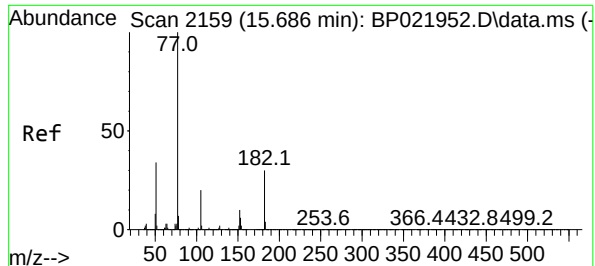
Reviewed By : Jagrut Upadhyay 09/20/2024
Supervised By : mohammad ahmed 09/22/2024



#62
4-Nitroaniline
Concen: 41.893 ng
RT: 15.422 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

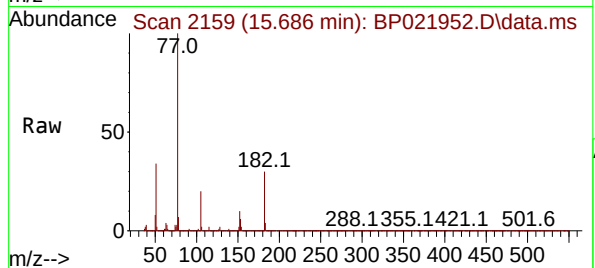
Tgt Ion: 138 Resp: 172306
Ion Ratio Lower Upper
138 100
92 52.6 32.6 72.6
108 118.6 98.6 138.6





#63
Azobenzene
Concen: 39.513 ng
RT: 15.686 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

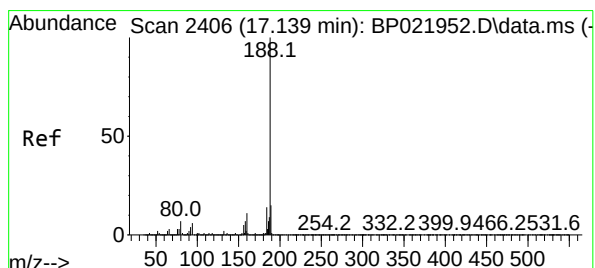
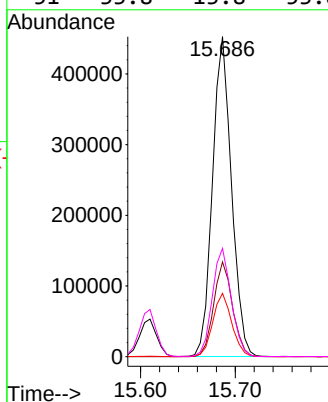
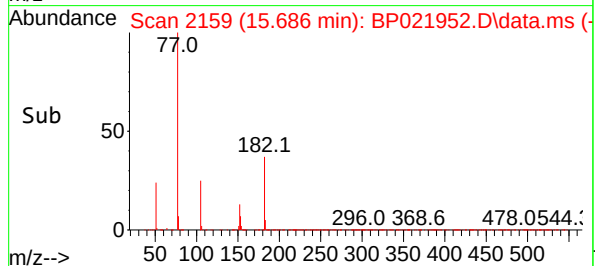
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



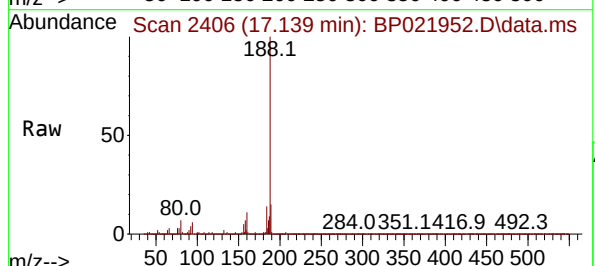
Tgt Ion: 77 Resp: 630150
Ion Ratio Lower Upper
77 100
182 29.6 9.6 49.6
105 19.8 0.0 39.8
51 33.8 13.8 53.8

Manual Integrations
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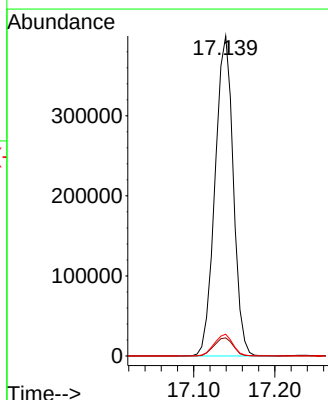
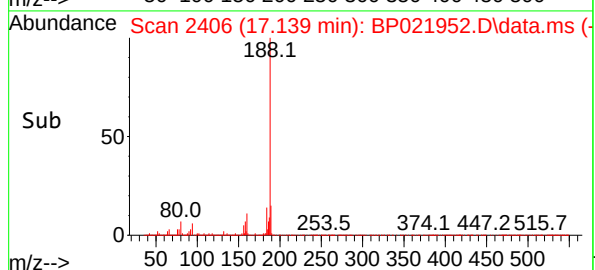
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

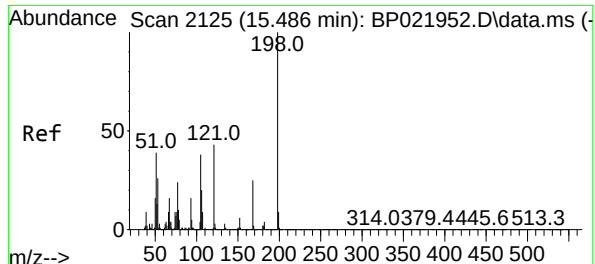


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2406
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39



Tgt Ion:188 Resp: 623363
Ion Ratio Lower Upper
188 100
94 5.7 4.6 6.8
80 6.8 5.4 8.2





#65

4,6-Dinitro-2-methylphenol

Concen: 41.172 ng

RT: 15.486 min Scan# 2125

Delta R.T. 0.000 min

Lab File: BP021952.D

Acq: 19 Sep 2024 15:39

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:198 Resp: 148762

Ion Ratio Lower Upper

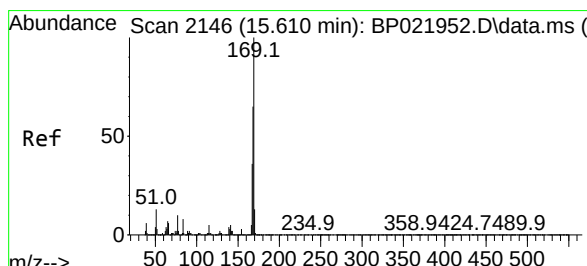
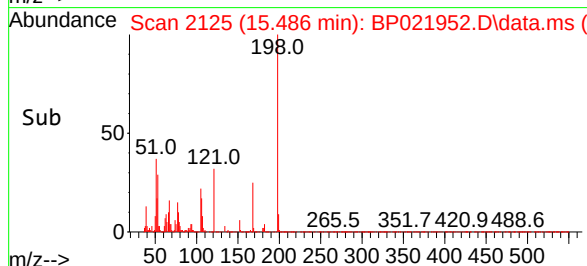
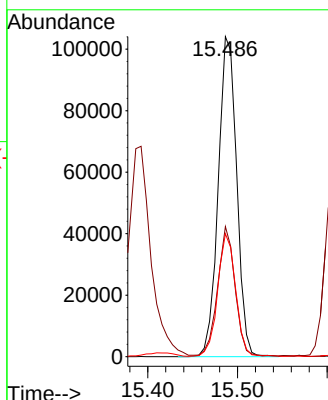
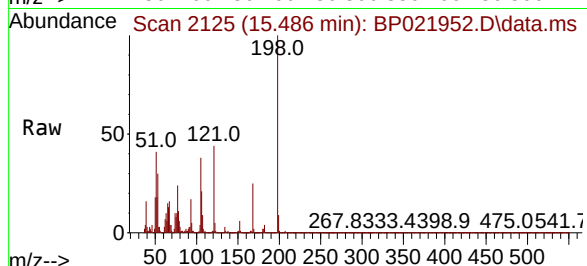
198 100

51 40.7 20.7 60.7

105 38.4 18.4 58.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#66

n-Nitrosodiphenylamine

Concen: 40.128 ng

RT: 15.610 min Scan# 2146

Delta R.T. 0.000 min

Lab File: BP021952.D

Acq: 19 Sep 2024 15:39

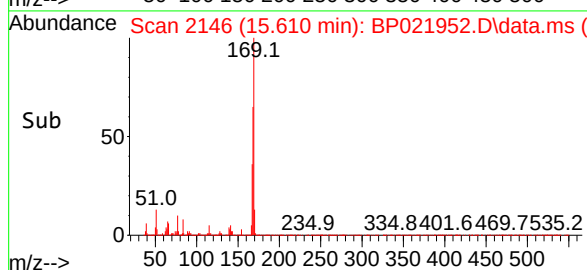
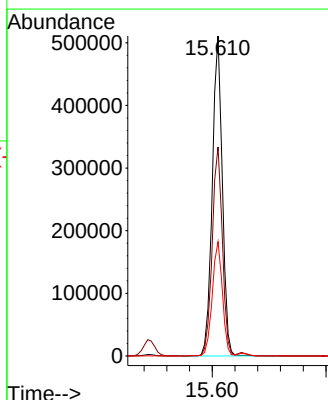
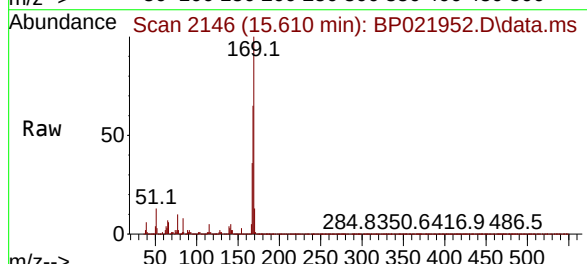
Tgt Ion:169 Resp: 622858

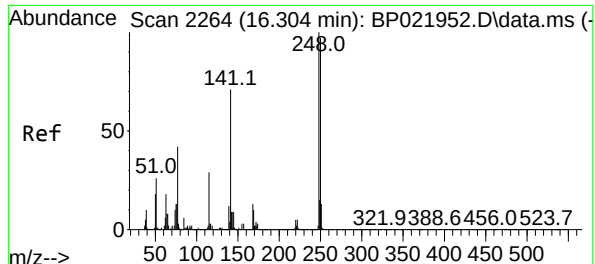
Ion Ratio Lower Upper

169 100

168 65.3 52.2 78.4

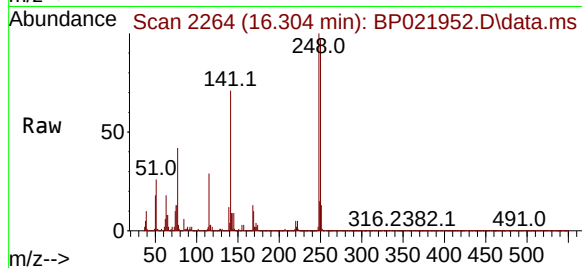
167 35.7 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 39.073 ng
RT: 16.304 min Scan# 2264
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

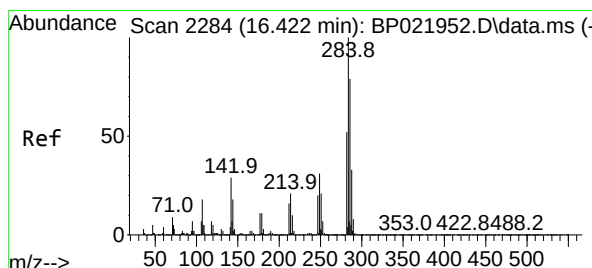
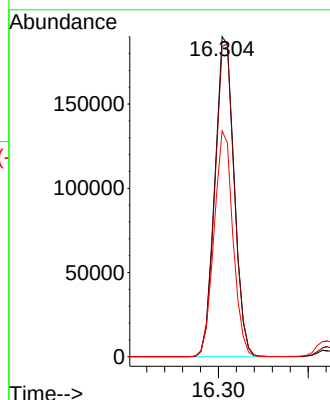
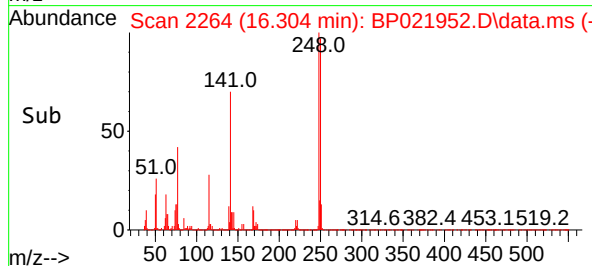
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:248 Resp: 283930
Ion Ratio Lower Upper
248 100
250 96.9 77.5 116.3
141 70.6 56.5 84.7

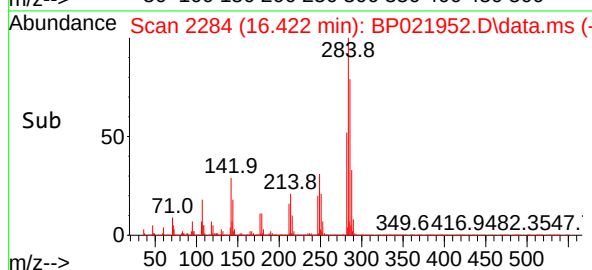
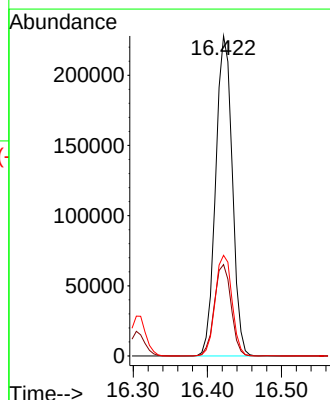
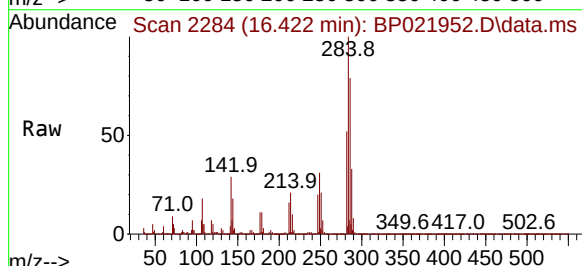
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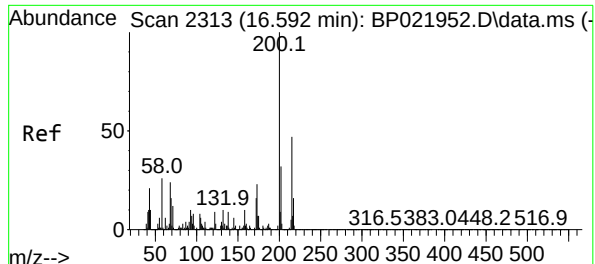
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#68
Hexachlorobenzene
Concen: 39.163 ng
RT: 16.422 min Scan# 2284
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

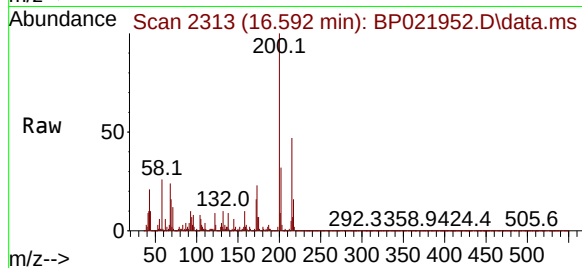
Tgt Ion:284 Resp: 354805
Ion Ratio Lower Upper
284 100
142 28.6 22.9 34.3
249 31.5 25.2 37.8





#69
Atrazine
Concen: 35.968 ng
RT: 16.592 min Scan# 2313
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

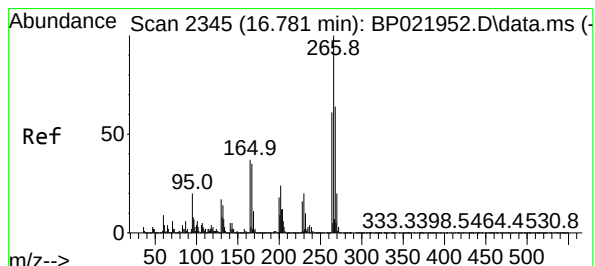
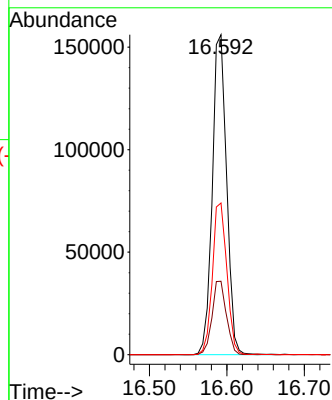
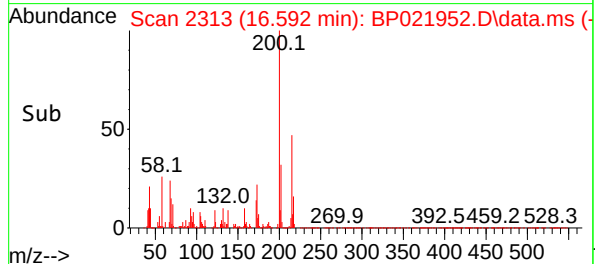
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:200 Resp: 200020
Ion Ratio Lower Upper
200 100
173 23.0 3.0 43.0
215 47.4 27.4 67.4

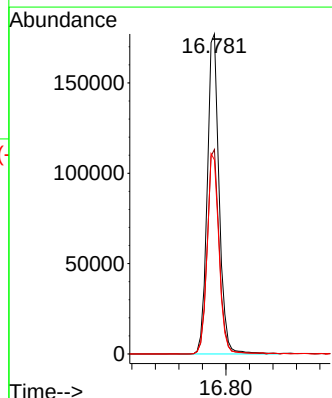
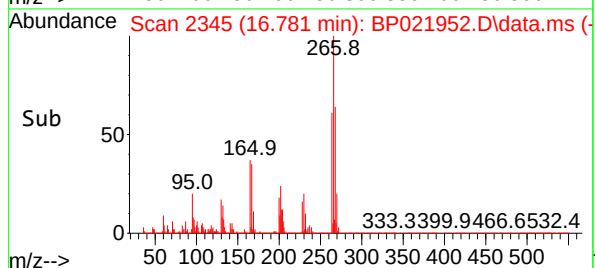
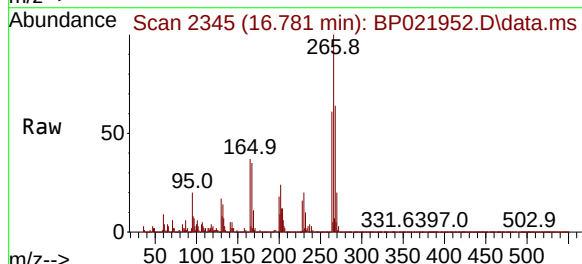
Manual Integrations
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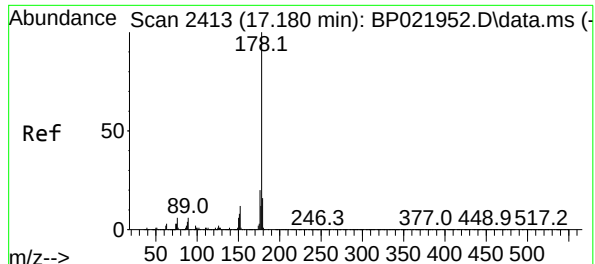
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#70
Pentachlorophenol
Concen: 40.548 ng
RT: 16.781 min Scan# 2345
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

Tgt Ion:266 Resp: 247153
Ion Ratio Lower Upper
266 100
268 63.9 51.1 76.7
264 60.7 48.6 72.8





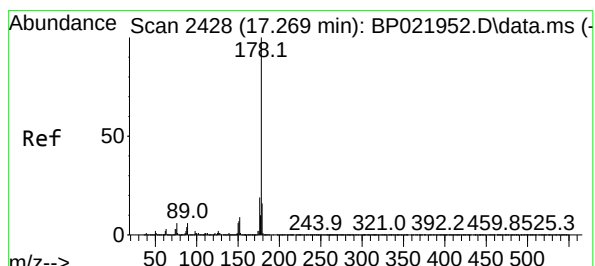
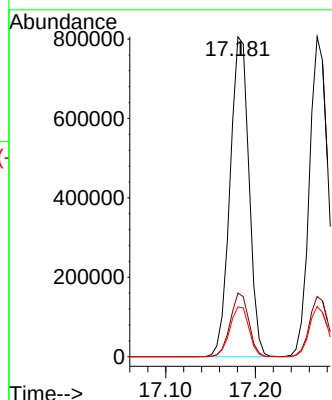
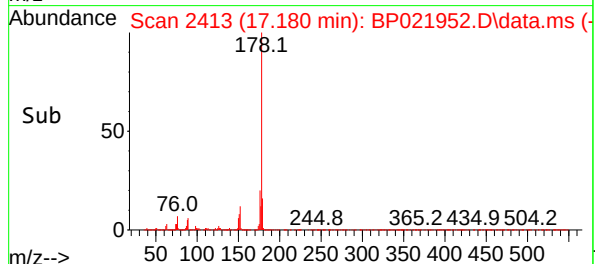
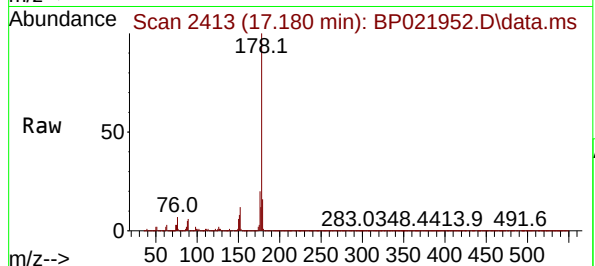
#71
Phenanthrene
Concen: 39.401 ng
RT: 17.180 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:178 Resp: 117902
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 15.6 12.5 18.7

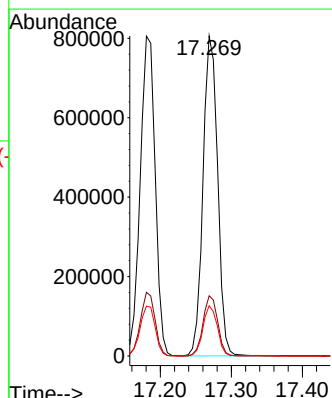
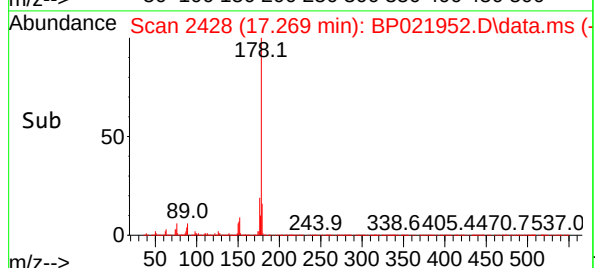
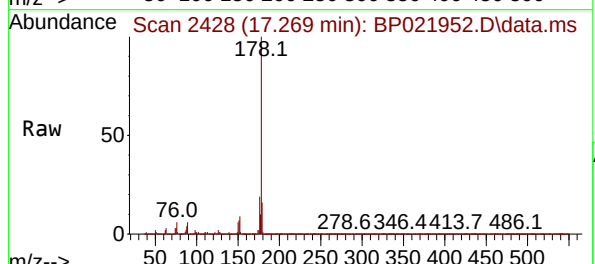
Manual Integrations
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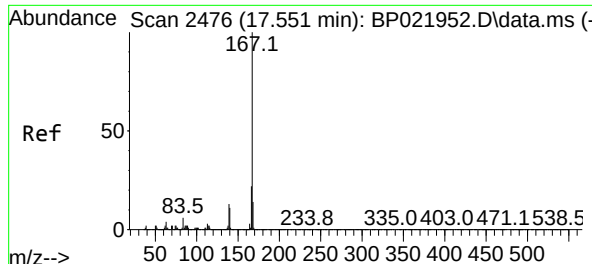
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#72
Anthracene
Concen: 39.840 ng
RT: 17.269 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

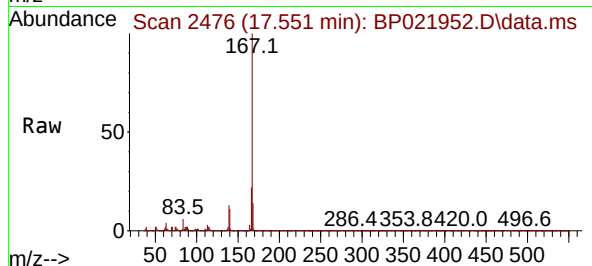
Tgt Ion:178 Resp: 1154033
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.7 12.6 18.8





#73
 Carbazole
 Concen: 40.739 ng
 RT: 17.551 min Scan# 2476
 Delta R.T. 0.000 min
 Lab File: BP021952.D
 Acq: 19 Sep 2024 15:39

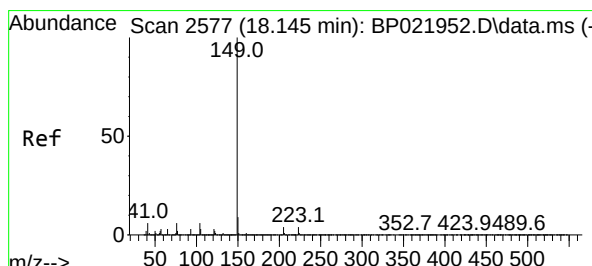
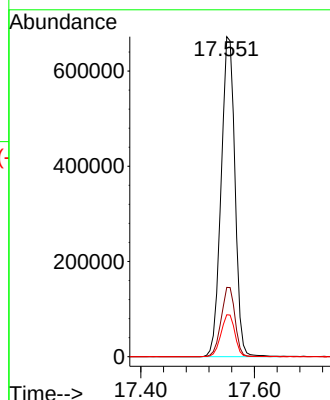
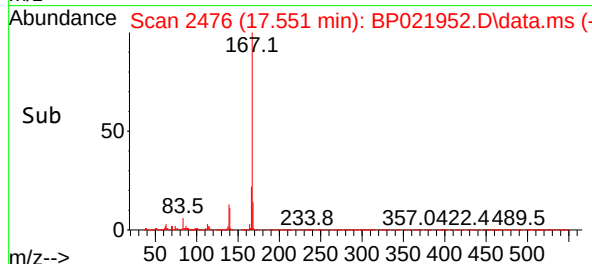
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC040



Tgt Ion:167 Resp: 1139775
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 13.1 10.5 15.7

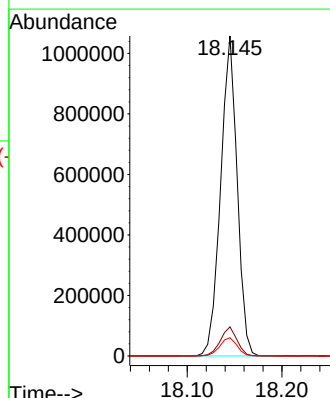
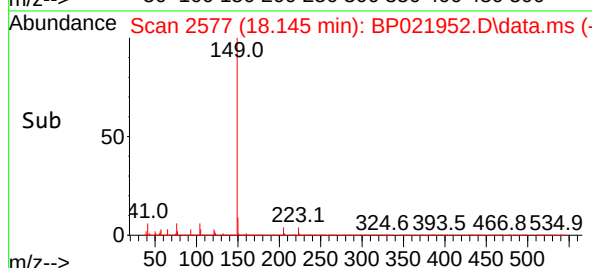
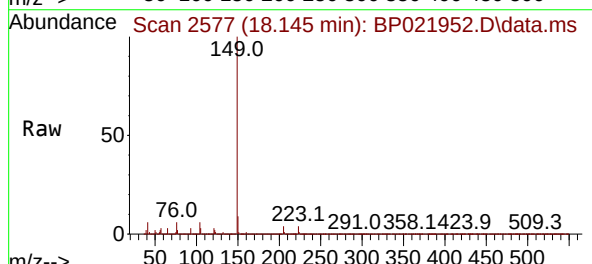
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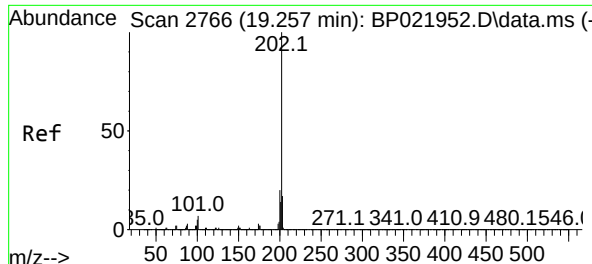
Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/22/2024



#74
 Di-n-butylphthalate
 Concen: 39.060 ng
 RT: 18.145 min Scan# 2577
 Delta R.T. 0.000 min
 Lab File: BP021952.D
 Acq: 19 Sep 2024 15:39

Tgt Ion:149 Resp: 1283452
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 5.7 4.6 6.8





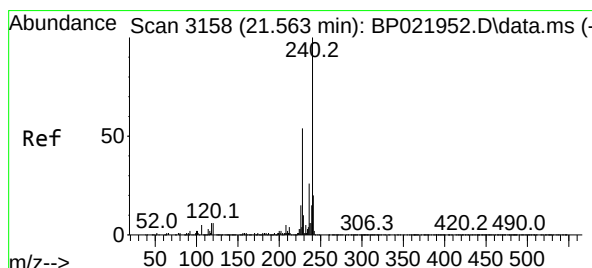
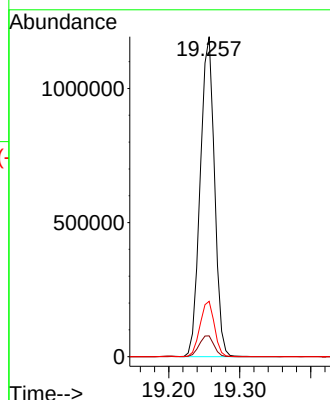
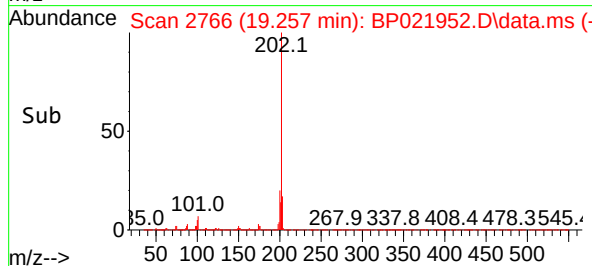
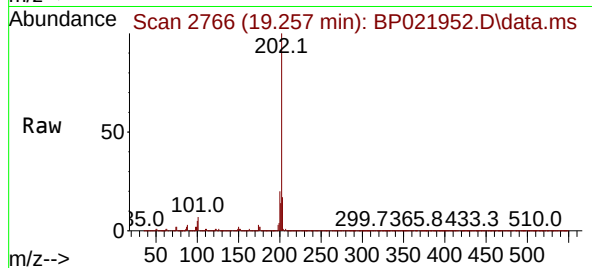
#75
Fluoranthene
Concen: 39.967 ng
RT: 19.257 min Scan# 2766
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:202 Resp: 1669302
Ion Ratio Lower Upper
202 100
101 6.5 0.0 26.5
203 17.3 0.0 37.3

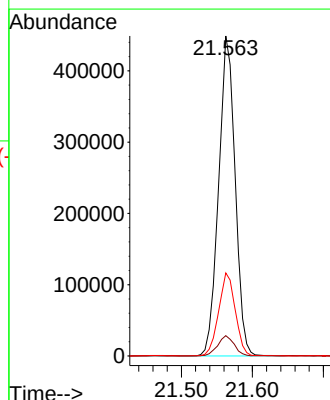
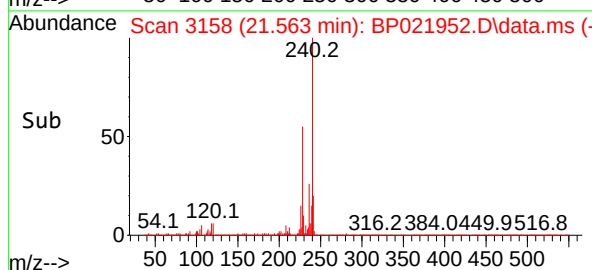
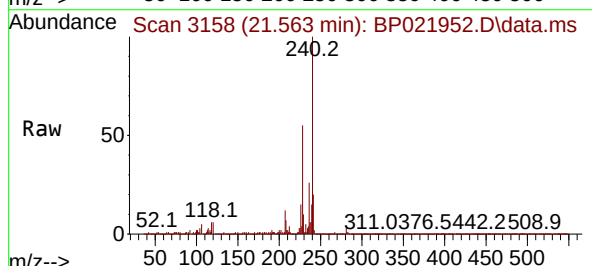
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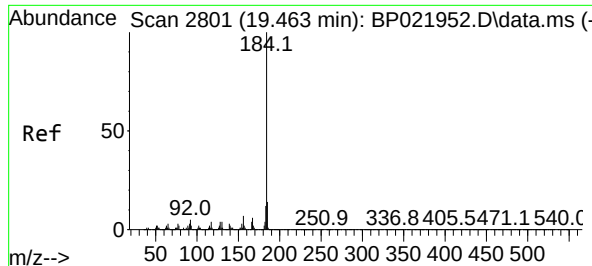
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.563 min Scan# 3158
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

Tgt Ion:240 Resp: 722700
Ion Ratio Lower Upper
240 100
120 6.4 5.1 7.7
236 25.9 20.7 31.1





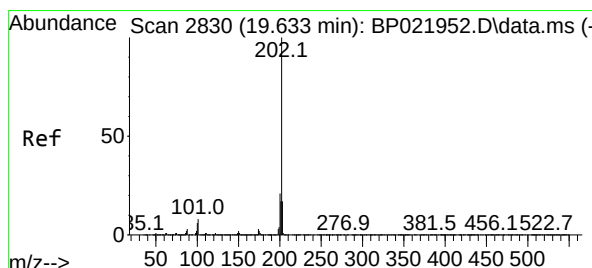
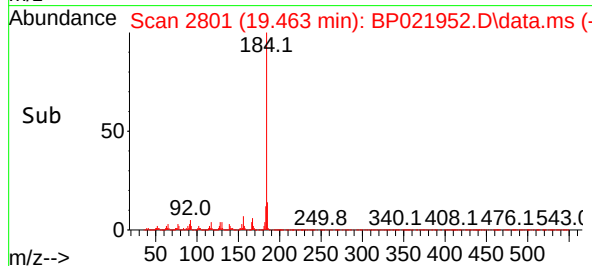
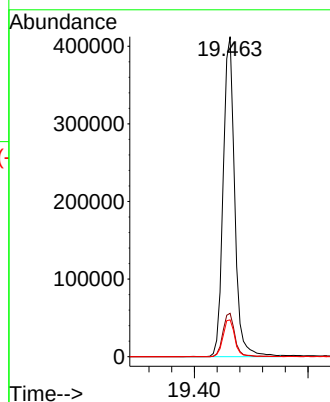
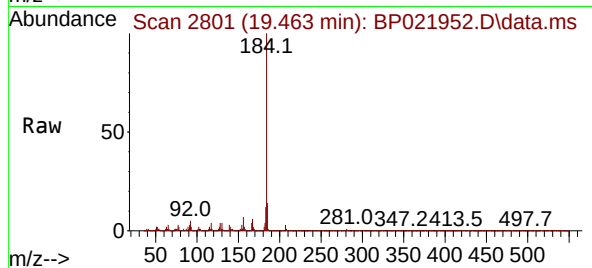
#77
Benzidine
Concen: 66.059 ng
RT: 19.463 min Scan# 2801
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:184 Resp: 58341
Ion Ratio Lower Upper
184 100
185 13.6 10.9 16.3
183 11.5 9.2 13.8

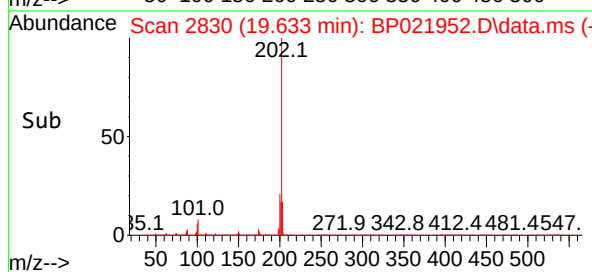
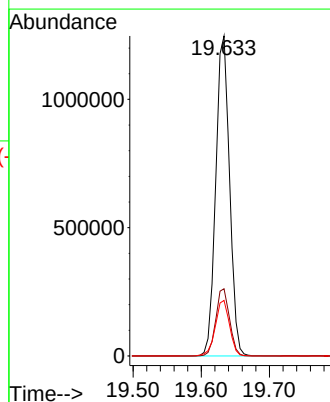
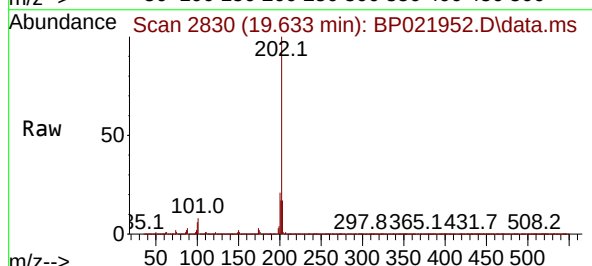
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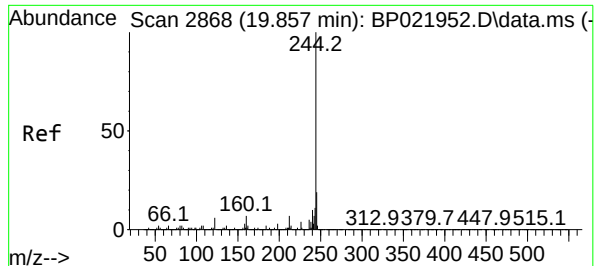
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#78
Pyrene
Concen: 40.169 ng
RT: 19.633 min Scan# 2830
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

Tgt Ion:202 Resp: 1756159
Ion Ratio Lower Upper
202 100
200 21.0 16.8 25.2
203 17.3 13.8 20.8





#79

Terphenyl-d14

Concen: 79.888 ng

RT: 19.857 min Scan# 2868

Delta R.T. 0.000 min

Lab File: BP021952.D

Acq: 19 Sep 2024 15:39

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:244 Resp: 3073500

Ion Ratio Lower Upper

244 100

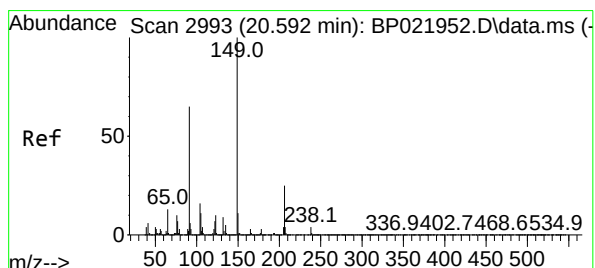
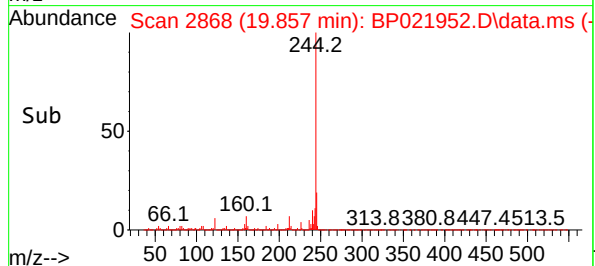
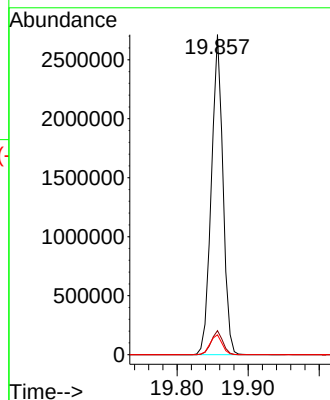
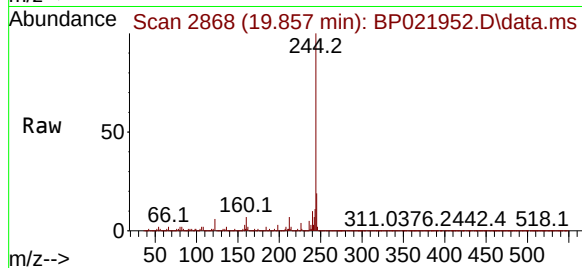
212 7.5 6.0 9.0

122 6.2 5.0 7.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/22/2024



#80

Butylbenzylphthalate

Concen: 40.157 ng

RT: 20.592 min Scan# 2993

Delta R.T. 0.000 min

Lab File: BP021952.D

Acq: 19 Sep 2024 15:39

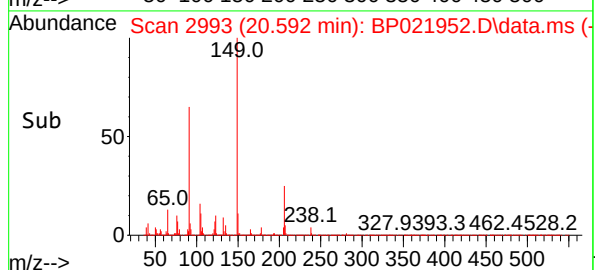
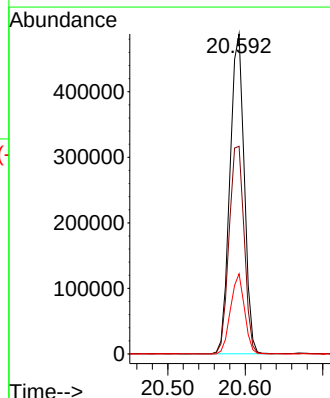
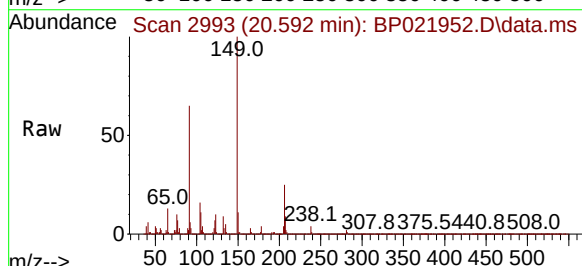
Tgt Ion:149 Resp: 626172

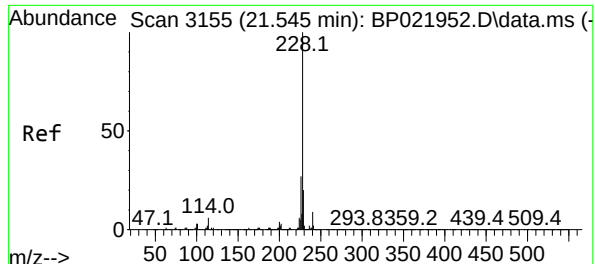
Ion Ratio Lower Upper

149 100

91 64.9 51.9 77.9

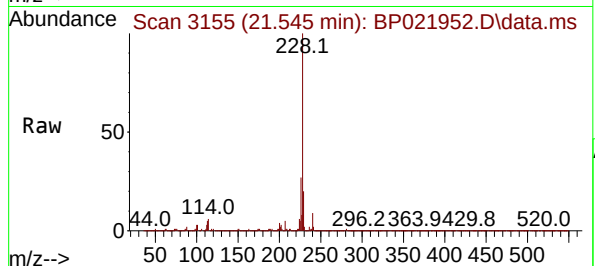
206 25.1 20.1 30.1





#81
Benzo(a)anthracene
Concen: 39.375 ng
RT: 21.545 min Scan# 3155
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

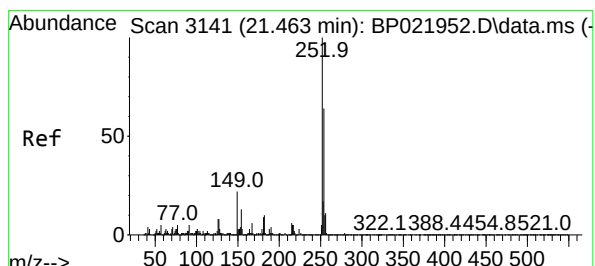
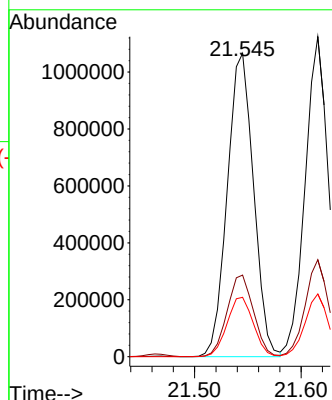
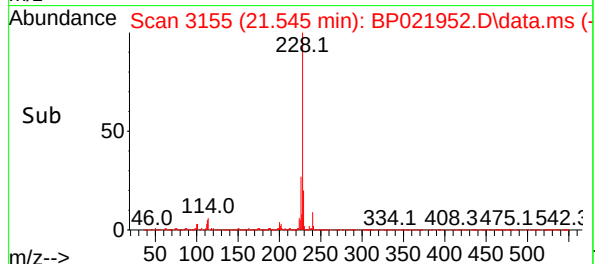
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:228 Resp: 1828509
Ion Ratio Lower Upper
228 100
226 26.9 21.5 32.3
229 19.6 15.7 23.5

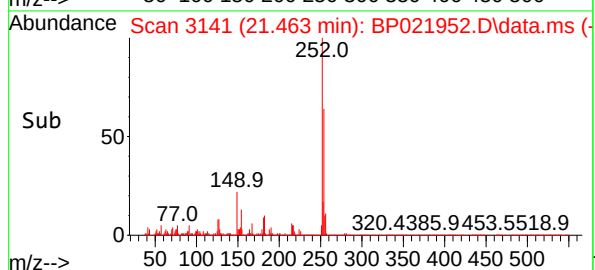
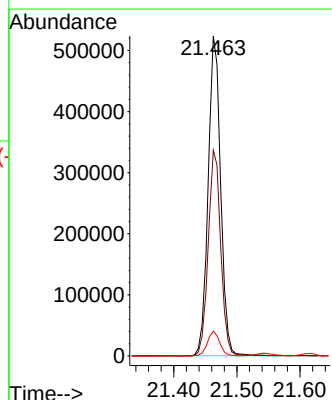
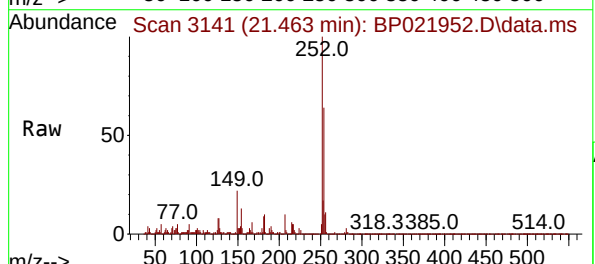
Manual Integrations
APPROVED

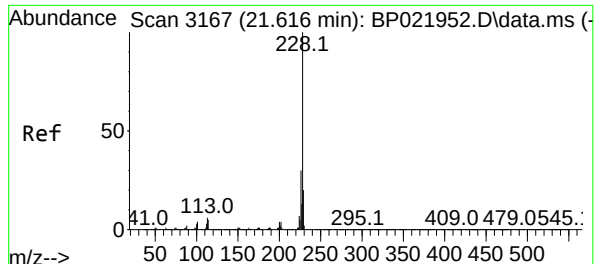
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#82
3,3'-Dichlorobenzidine
Concen: 42.698 ng
RT: 21.463 min Scan# 3141
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

Tgt Ion:252 Resp: 719427
Ion Ratio Lower Upper
252 100
254 64.3 51.4 77.2
126 7.8 6.2 9.4





#83

Chrysene

Concen: 39.205 ng

RT: 21.616 min Scan# 3167

Delta R.T. 0.000 min

Lab File: BP021952.D

Acq: 19 Sep 2024 15:39

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:228 Resp: 1714170

Ion Ratio Lower Upper

228 100

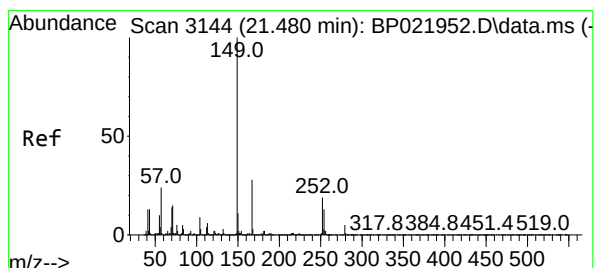
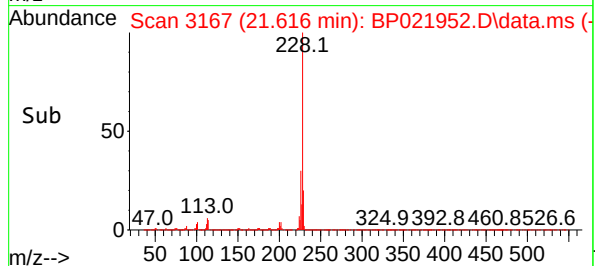
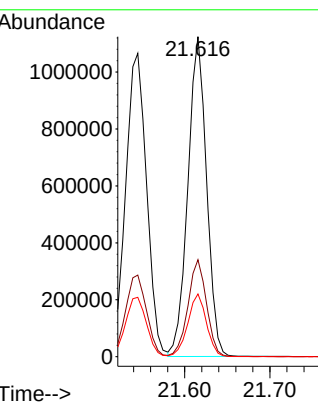
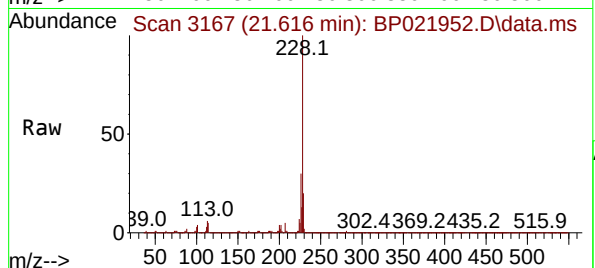
226 30.3 24.2 36.4

229 19.6 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/22/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.517 ng

RT: 21.480 min Scan# 3144

Delta R.T. 0.000 min

Lab File: BP021952.D

Acq: 19 Sep 2024 15:39

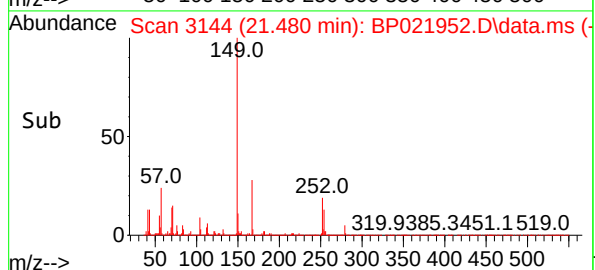
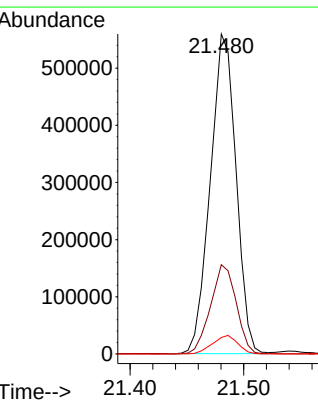
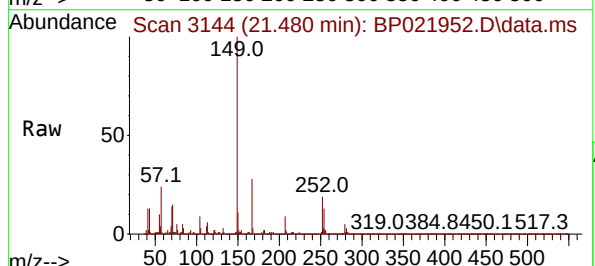
Tgt Ion:149 Resp: 881487

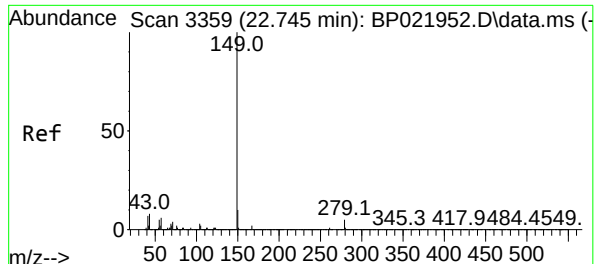
Ion Ratio Lower Upper

149 100

167 27.9 22.3 33.5

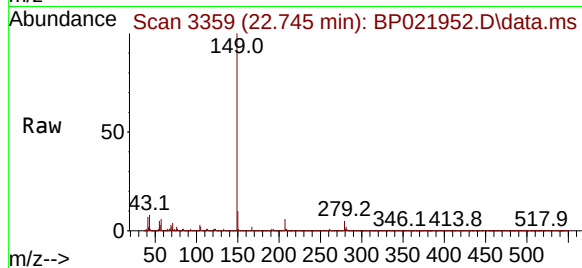
279 5.2 4.2 6.2





#85
Di-n-octyl phthalate
Concen: 38.888 ng
RT: 22.745 min Scan# 3359
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

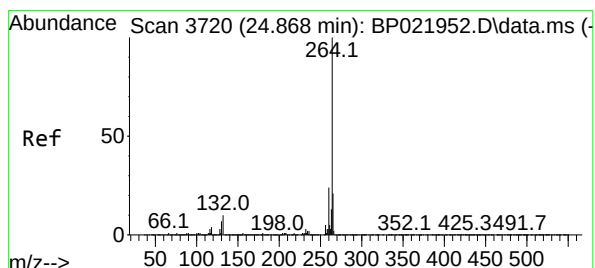
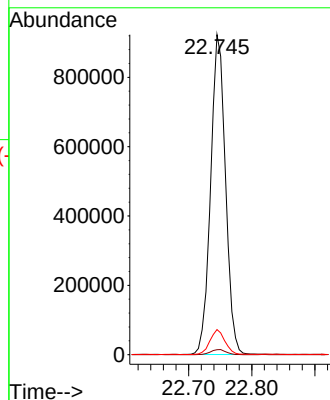
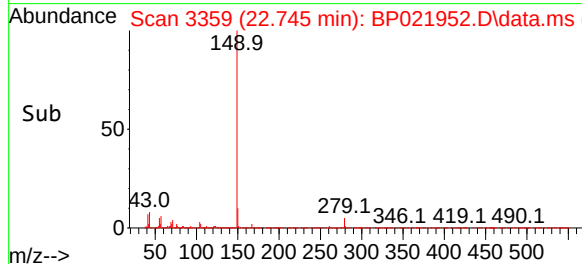
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:149 Resp: 1511572
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 7.8 6.2 9.4

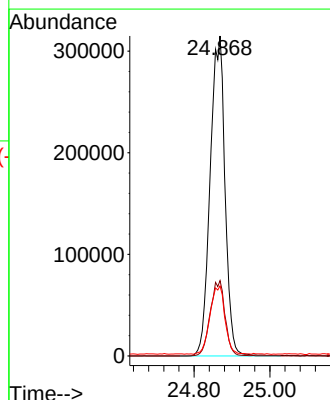
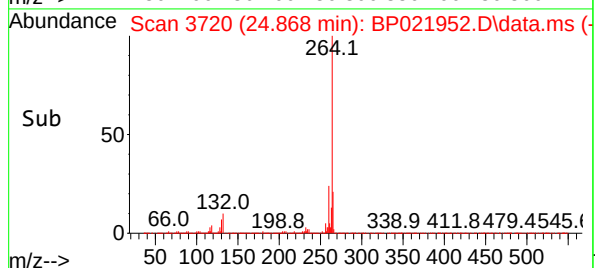
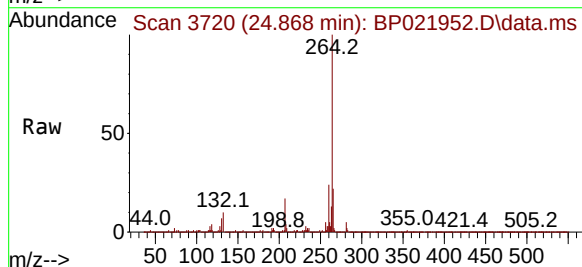
Manual Integrations
APPROVED

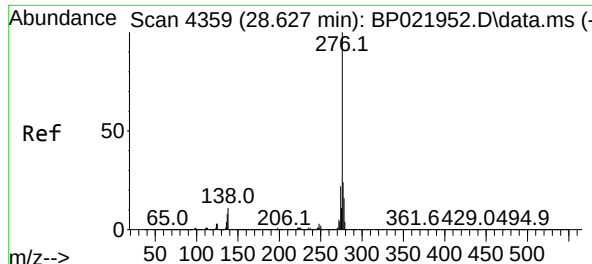
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.868 min Scan# 3720
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

Tgt Ion:264 Resp: 853679
Ion Ratio Lower Upper
264 100
260 23.6 18.9 28.3
265 21.9 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.836 ng

RT: 28.627 min Scan# 4359

Delta R.T. 0.000 min

Lab File: BP021952.D

Acq: 19 Sep 2024 15:39

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:276 Resp: 2261800

Ion Ratio Lower Upper

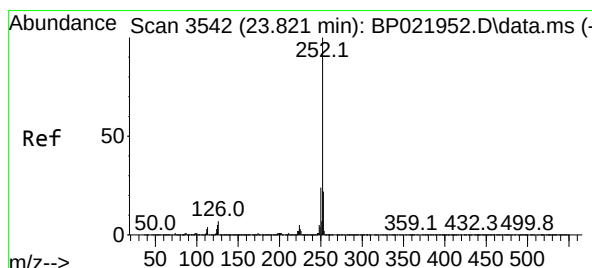
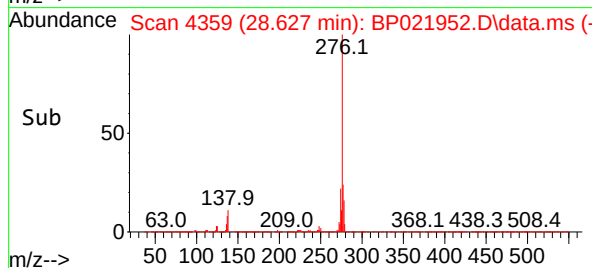
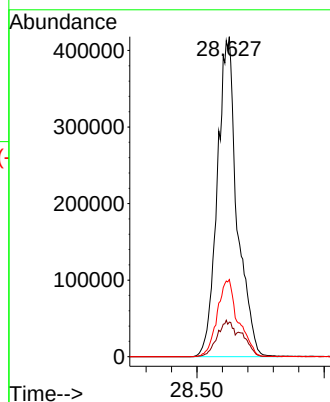
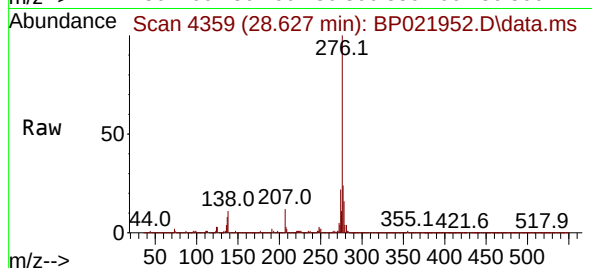
276 100

138 9.8 7.8 11.8

277 25.6 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#88

Benzo(b)fluoranthene

Concen: 40.591 ng

RT: 23.821 min Scan# 3542

Delta R.T. 0.000 min

Lab File: BP021952.D

Acq: 19 Sep 2024 15:39

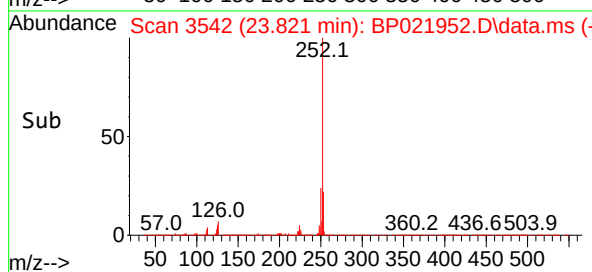
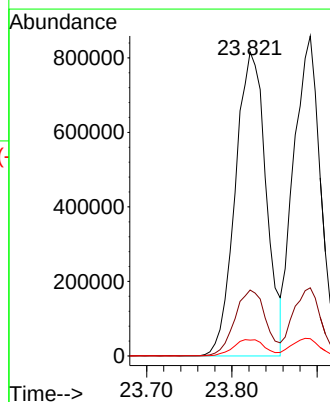
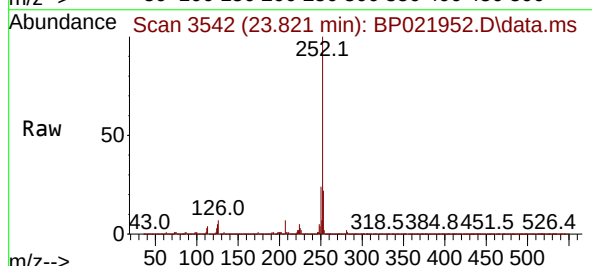
Tgt Ion:252 Resp: 2049345

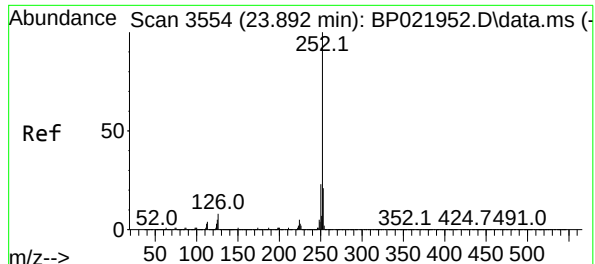
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 5.2 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 39.162 ng

RT: 23.892 min Scan# 3554

Delta R.T. 0.000 min

Lab File: BP021952.D

Acq: 19 Sep 2024 15:39

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:252 Resp: 1871110

Ion Ratio Lower Upper

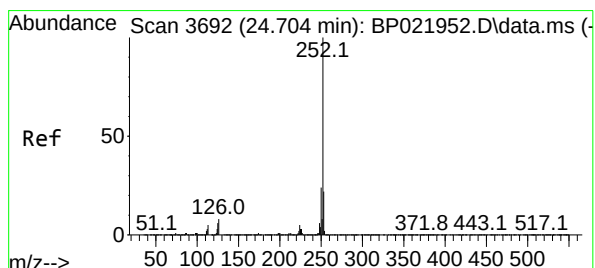
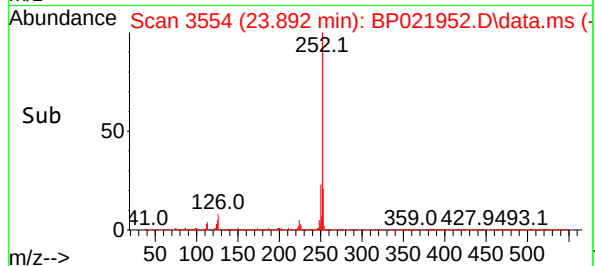
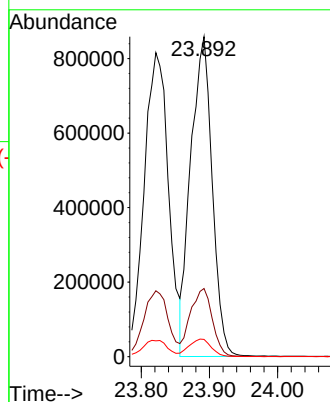
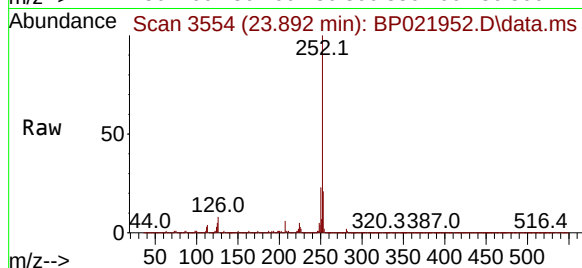
252 100

253 21.3 17.0 25.6

125 5.4 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#90

Benzo(a)pyrene

Concen: 40.224 ng

RT: 24.704 min Scan# 3692

Delta R.T. 0.000 min

Lab File: BP021952.D

Acq: 19 Sep 2024 15:39

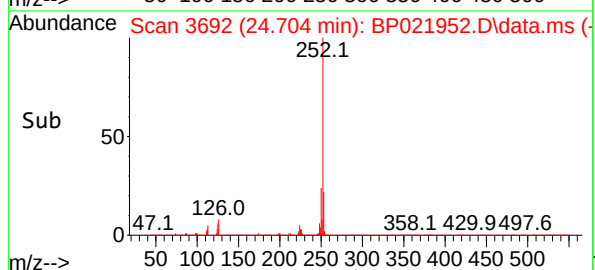
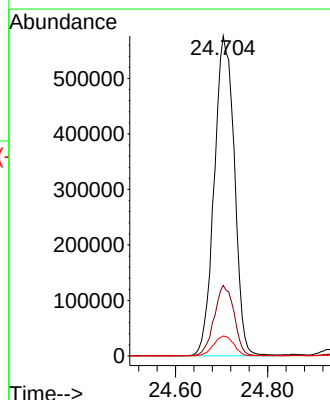
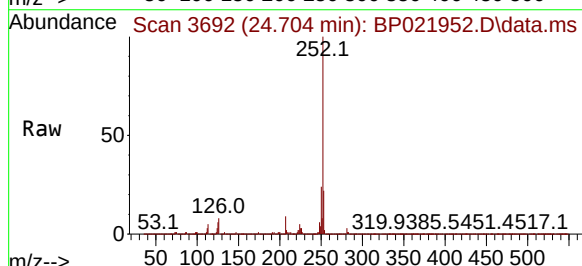
Tgt Ion:252 Resp: 1749466

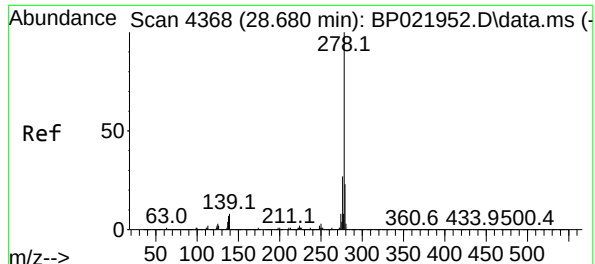
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

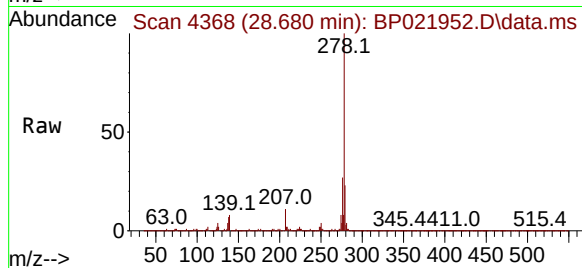
125 6.3 5.0 7.6





#91
Dibenzo(a,h)anthracene
Concen: 39.389 ng
RT: 28.680 min Scan# 4368
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

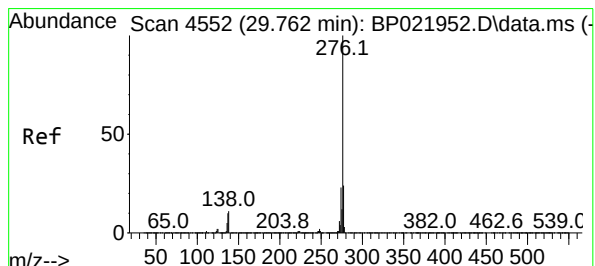
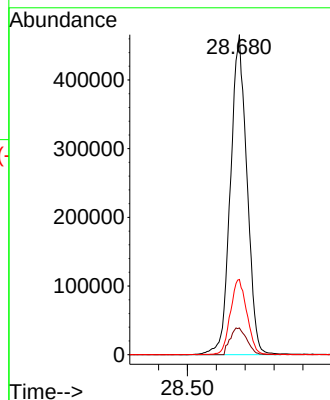
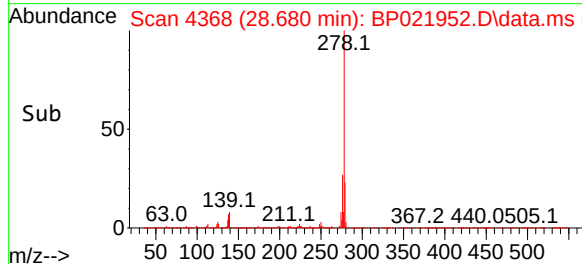
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:278 Resp: 1845758
Ion Ratio Lower Upper
278 100
139 8.3 6.6 10.0
279 23.5 18.8 28.2

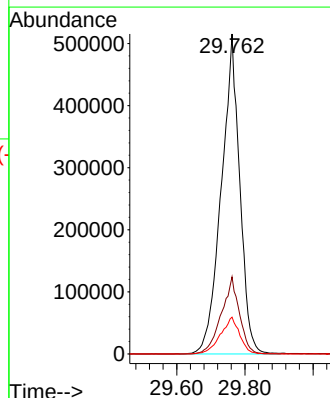
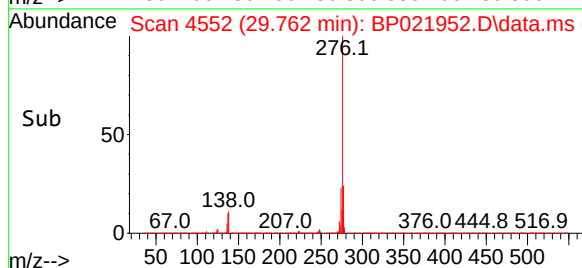
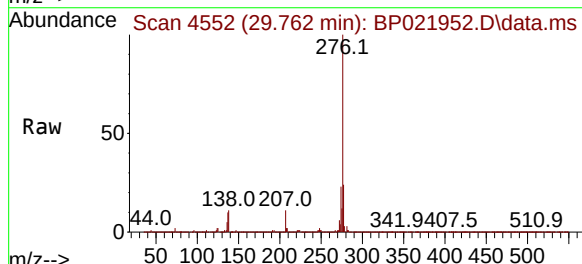
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#92
Benzo(g,h,i)perylene
Concen: 40.294 ng
RT: 29.762 min Scan# 4552
Delta R.T. 0.000 min
Lab File: BP021952.D
Acq: 19 Sep 2024 15:39

Tgt Ion:276 Resp: 1934173
Ion Ratio Lower Upper
276 100
277 24.1 19.3 28.9
138 11.5 9.2 13.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091924\
 Data File : BP021953.D
 Acq On : 19 Sep 2024 16:21
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 20 01:04:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 00:59:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	94408	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	358095	20.000	ng	0.00
39) Acenaphthene-d10	14.334	164	272691	20.000	ng	0.00
64) Phenanthrene-d10	17.128	188	657917	20.000	ng	-0.01
76) Chrysene-d12	21.569	240	730708	20.000	ng	0.00
86) Perylene-d12	24.863	264	828238	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	482183	95.983	ng	0.00
7) Phenol-d6	6.893	99	635268	97.410	ng	0.00
23) Nitrobenzene-d5	8.852	82	677878	100.165	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	514730	101.818	ng	-0.01
45) 2-Fluorobiphenyl	12.945	172	1811829	96.991	ng	0.00
79) Terphenyl-d14	19.857	244	3863171	99.313	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	100790	48.317	ng	99
3) Pyridine	3.652	79	266980m	47.996	ng	
4) n-Nitrosodimethylamine	3.558	42	139393	47.497	ng	99
6) Aniline	7.052	93	279629	48.794	ng	99
8) 2-Chlorophenol	7.287	128	260680	48.528	ng	97
9) Benzaldehyde	6.863	77	157473	45.992	ng	97
10) Phenol	6.922	94	317527	49.021	ng	97
11) bis(2-Chloroethyl)ether	7.146	93	237528	48.682	ng	99
12) 1,3-Dichlorobenzene	7.605	146	325382	47.978	ng	99
13) 1,4-Dichlorobenzene	7.752	146	329567	47.917	ng	99
14) 1,2-Dichlorobenzene	8.063	146	312971	47.410	ng	97
15) Benzyl Alcohol	7.946	79	256977	51.380	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.234	45	253754	49.079	ng	99
17) 2-Methylphenol	8.152	107	220079	50.295	ng	99
18) Hexachloroethane	8.781	117	121506	48.045	ng	97
19) n-Nitroso-di-n-propyla...	8.510	70	207155	51.105	ng	98
20) 3+4-Methylphenols	8.475	107	312897	50.654	ng	99
22) Acetophenone	8.522	105	431686	49.418	ng	# 99
24) Nitrobenzene	8.893	77	339853	49.451	ng	98
25) Isophorone	9.416	82	567201	50.836	ng	99
26) 2-Nitrophenol	9.599	139	156532	52.091	ng	95
27) 2,4-Dimethylphenol	9.663	122	175249	50.366	ng	98
28) bis(2-Chloroethoxy)met...	9.893	93	332782	49.744	ng	99
29) 2,4-Dichlorophenol	10.128	162	297003	50.288	ng	96
30) 1,2,4-Trichlorobenzene	10.340	180	359447	48.861	ng	99
31) Naphthalene	10.522	128	874430	48.938	ng	99
32) Benzoic acid	9.810	122	223399	53.888	ng	97
33) 4-Chloroaniline	10.634	127	325483	50.501	ng	98
34) Hexachlorobutadiene	10.810	225	278017	48.309	ng	97
35) Caprolactam	11.422	113	91755	52.301	ng	96
36) 4-Chloro-3-methylphenol	11.757	107	332888	52.537	ng	98
37) 2-Methylnaphthalene	12.134	142	664671	50.843	ng	99
38) 1-Methylnaphthalene	12.357	142	652712	50.570	ng	99
40) 1,2,4,5-Tetrachloroben...	12.510	216	465359	48.777	ng	99
41) Hexachlorocyclopentadiene	12.487	237	175212	49.428	ng	100
43) 2,4,6-Trichlorophenol	12.746	196	299577	51.159	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091924\
 Data File : BP021953.D
 Acq On : 19 Sep 2024 16:21
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 20 01:04:28 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Sep 20 00:59:29 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.822	196	338173	51.480	ng	97
46) 1,1'-Biphenyl	13.151	154	905360	48.693	ng	99
47) 2-Chloronaphthalene	13.193	162	734381	48.848	ng	99
48) 2-Nitroaniline	13.398	65	214843	52.334	ng	96
49) Acenaphthylene	14.051	152	1069460	50.413	ng	99
50) Dimethylphthalate	13.787	163	977906	49.445	ng	99
51) 2,6-Dinitrotoluene	13.904	165	222759	50.546	ng	99
52) Acenaphthene	14.404	154	687465	49.792	ng	99
53) 3-Nitroaniline	14.234	138	205248	52.257	ng	95
54) 2,4-Dinitrophenol	14.445	184	138077	53.474	ng	98
55) Dibenzofuran	14.740	168	1131423	48.753	ng	99
56) 4-Nitrophenol	14.551	139	182941	53.511	ng	98
57) 2,4-Dinitrotoluene	14.704	165	322666	51.791	ng	98
58) Fluorene	15.404	166	946566	48.842	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.969	232	319659	50.421	ng	100
60) Diethylphthalate	15.169	149	996073	49.562	ng	100
61) 4-Chlorophenyl-phenyle...	15.404	204	548307	48.596	ng	98
62) 4-Nitroaniline	15.422	138	223837	52.185	ng	97
63) Azobenzene	15.698	77	827235	49.739	ng	100
65) 4,6-Dinitro-2-methylph...	15.475	198	198517	52.057	ng	99
66) n-Nitrosodiphenylamine	15.616	169	802754	49.002	ng	98
67) 4-Bromophenyl-phenylether	16.304	248	375951	49.019	ng	97
68) Hexachlorobenzene	16.428	284	464673	48.596	ng	98
69) Atrazine	16.586	200	273356	46.573	ng	97
70) Pentachlorophenol	16.775	266	329911	51.283	ng	98
71) Phenanthrene	17.175	178	1548998	49.046	ng	99
72) Anthracene	17.269	178	1506985	49.292	ng	100
73) Carbazole	17.551	167	1444504	48.920	ng	99
74) Di-n-butylphthalate	18.139	149	1717295	49.518	ng	99
75) Fluoranthene	19.257	202	2144249	48.642	ng	100
77) Benzidine	19.457	184	367113	41.112	ng	99
78) Pyrene	19.633	202	2259535	51.117	ng	99
80) Butylbenzylphthalate	20.592	149	799959	50.740	ng	97
81) Benzo(a)anthracene	21.545	228	2310902	49.217	ng	99
82) 3,3'-Dichlorobenzidine	21.463	252	830014	48.722	ng	100
83) Chrysene	21.616	228	2167216	49.023	ng	99
84) Bis(2-ethylhexyl)phtha...	21.486	149	1151176	49.750	ng	99
85) Di-n-octyl phthalate	22.739	149	1927257	49.039	ng	100
87) Indeno(1,2,3-cd)pyrene	28.609	276	2705874	49.121	ng	93
88) Benzo(b)fluoranthene	23.816	252	2463331	50.290	ng	99
89) Benzo(k)fluoranthene	23.880	252	2337252	50.421	ng	98
90) Benzo(a)pyrene	24.710	252	2141939	50.761	ng	99
91) Dibenzo(a,h)anthracene	28.680	278	2191264	48.198	ng	98
92) Benzo(g,h,i)perylene	29.774	276	2308208	49.564	ng	100

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

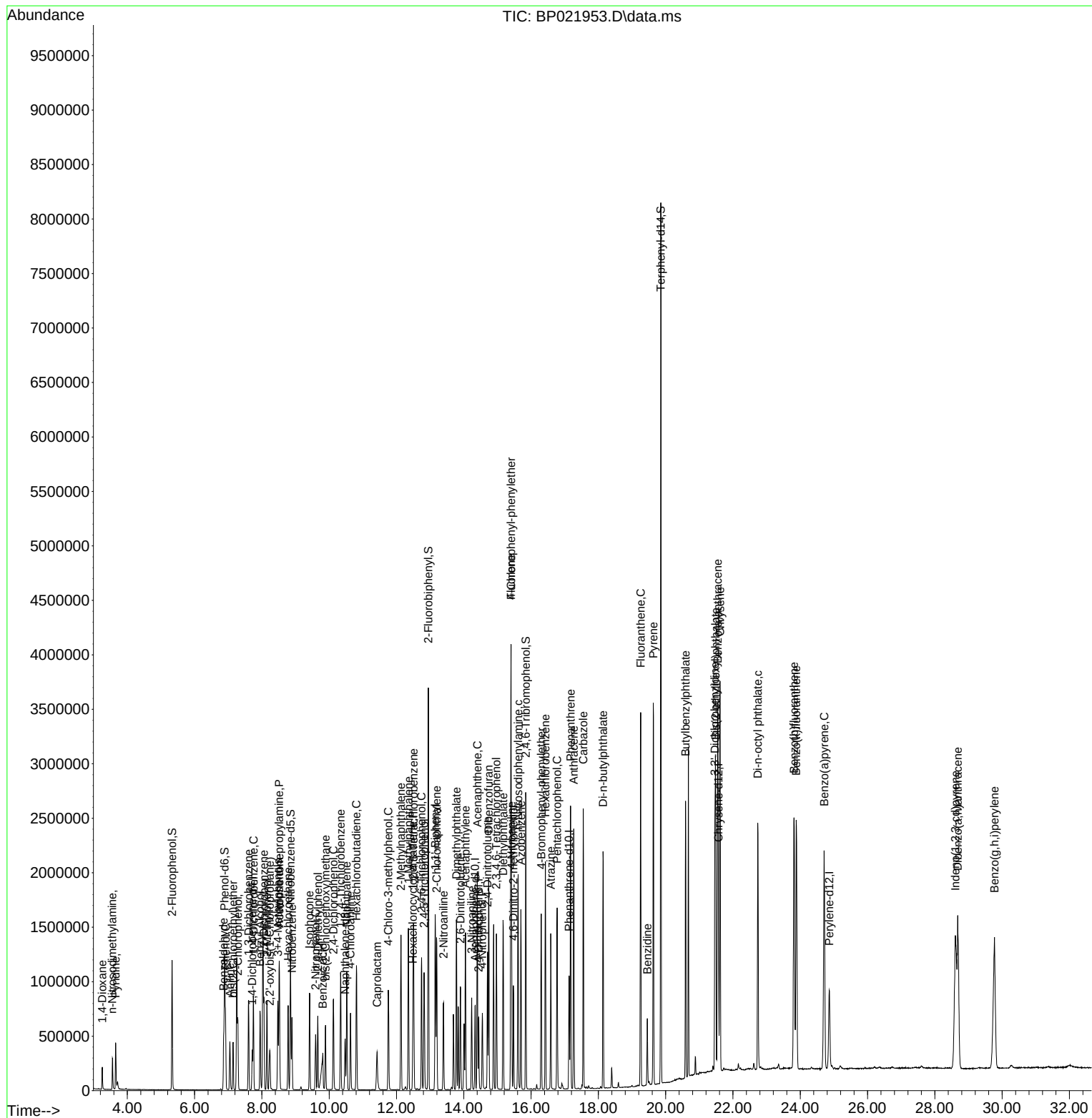
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Acq On : 19 Sep 2024 16:21
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

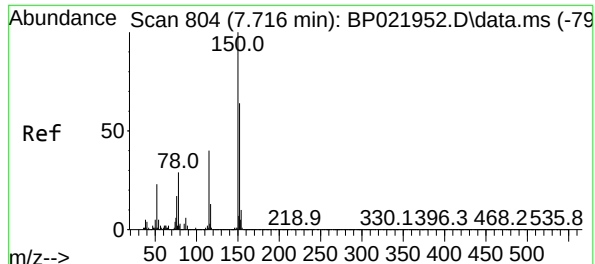
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 20 01:04:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 00:59:29 2024
Response via : Initial Calibration





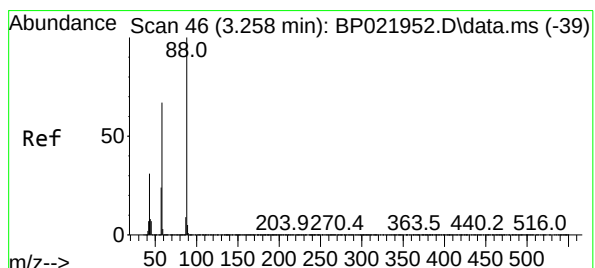
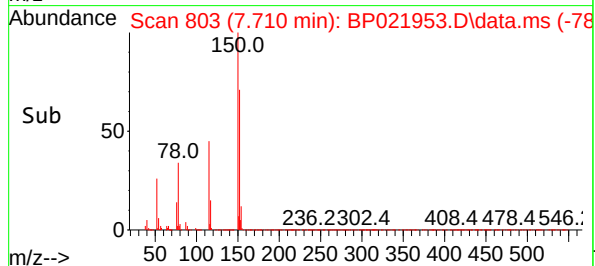
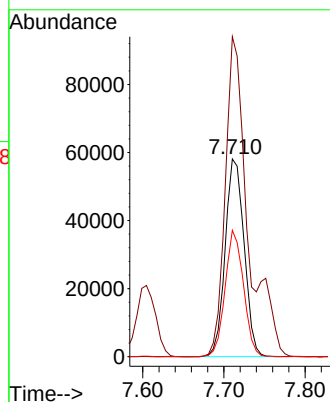
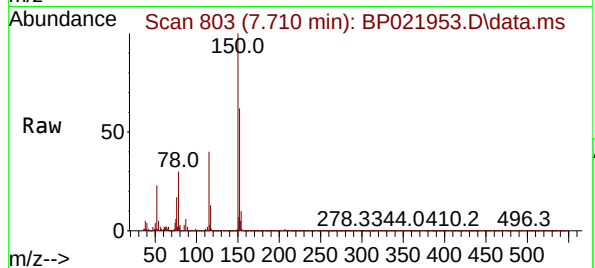
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 804
Delta R.T. -0.006 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 94408
Ion Ratio Lower Upper
152 100
150 161.8 124.2 186.2
115 63.9 49.2 73.8

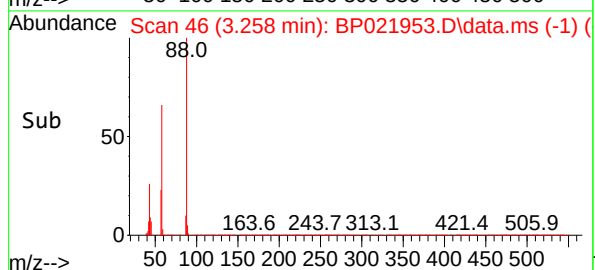
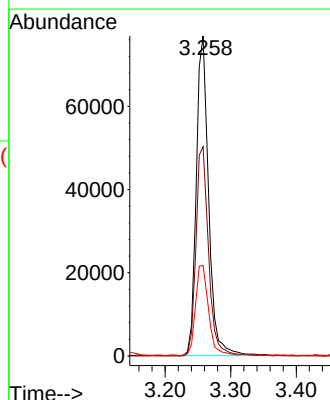
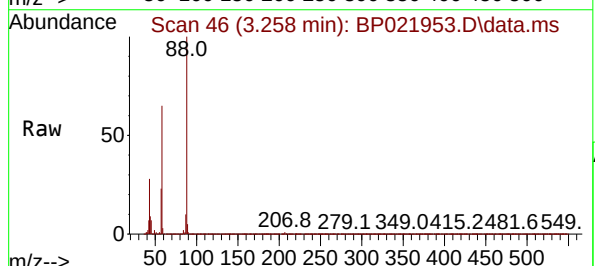
Manual Integrations
APPROVED

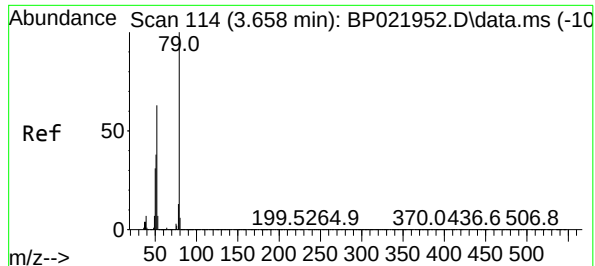
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#2
1,4-Dioxane
Concen: 48.317 ng
RT: 3.258 min Scan# 46
Delta R.T. 0.000 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

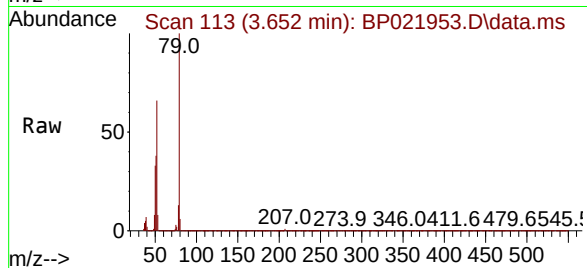
Tgt Ion: 88 Resp: 100790
Ion Ratio Lower Upper
88 100
58 67.3 53.8 80.6
43 30.5 25.2 37.8





#3
Pyridine
Concen: 47.996 ng m
RT: 3.652 min Scan# 114
Delta R.T. -0.006 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

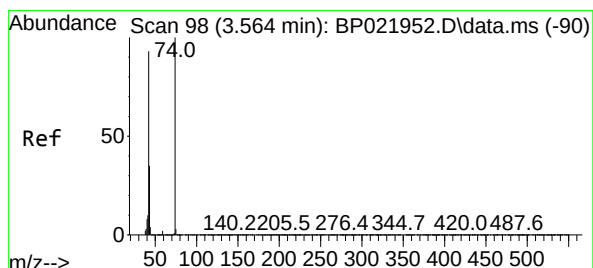
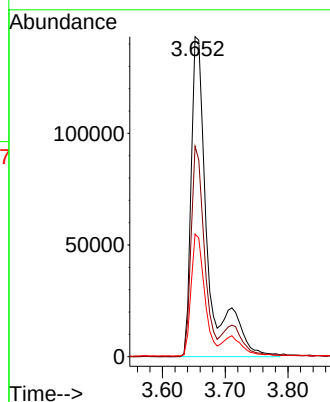
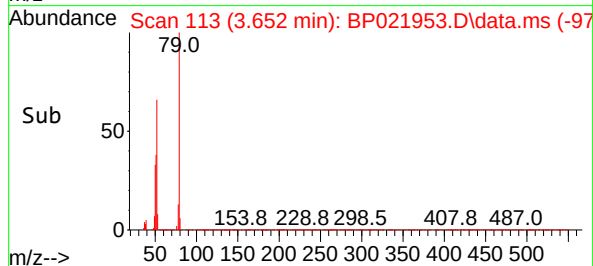
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 79 Resp: 266980
Ion Ratio Lower Upper
79 100
52 65.8 50.3 75.5
51 38.3 30.9 46.3

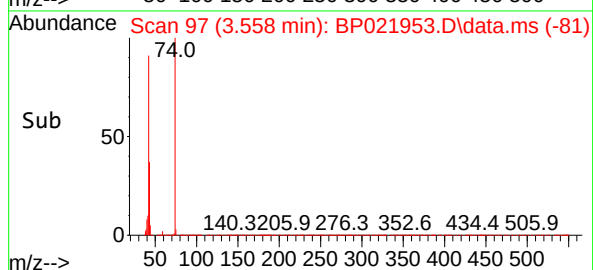
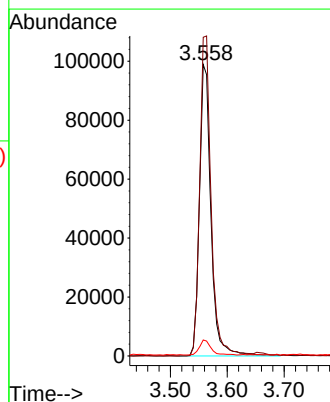
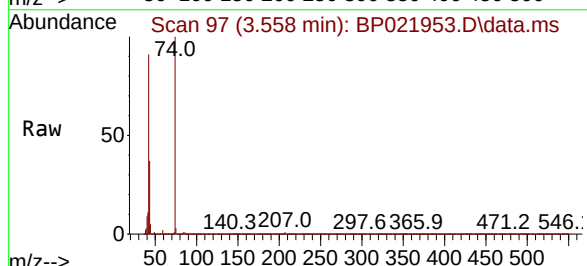
Manual Integrations
APPROVED

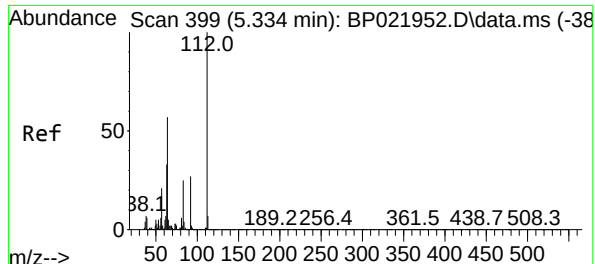
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#4
n-Nitrosodimethylamine
Concen: 47.497 ng
RT: 3.558 min Scan# 97
Delta R.T. -0.006 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

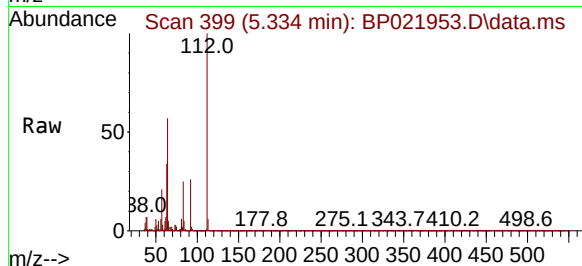
Tgt Ion: 42 Resp: 139393
Ion Ratio Lower Upper
42 100
74 109.4 86.3 129.5
44 5.5 4.0 6.0





#5
2-Fluorophenol
Concen: 95.983 ng
RT: 5.334 min Scan# 399
Delta R.T. 0.000 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

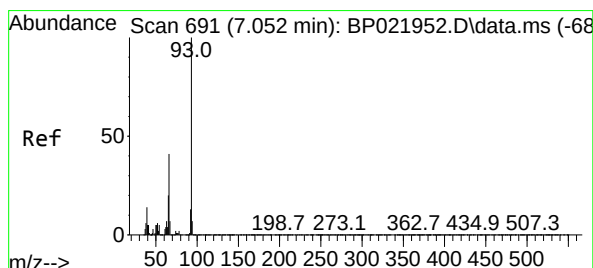
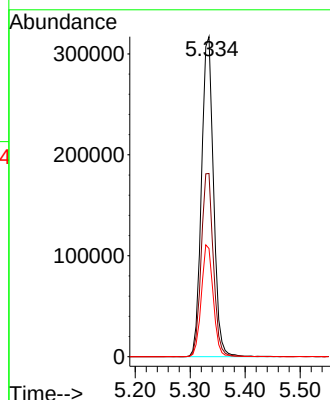
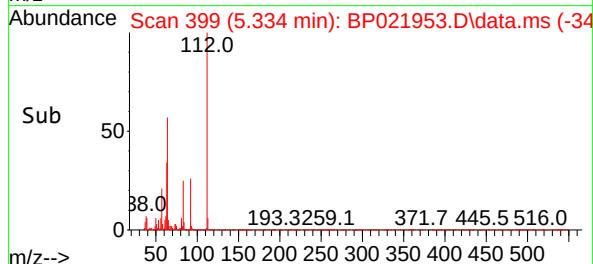
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 112 Resp: 48218
Ion Ratio Lower Upper
112 100
64 57.2 45.4 68.0
63 33.8 26.6 39.8

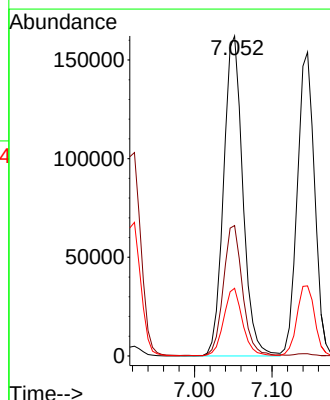
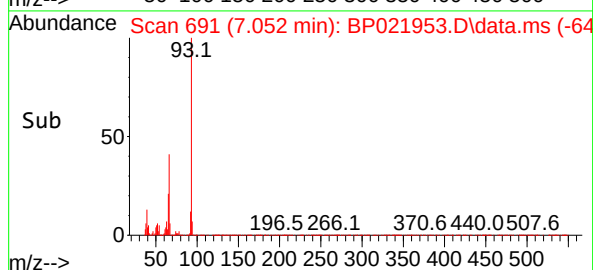
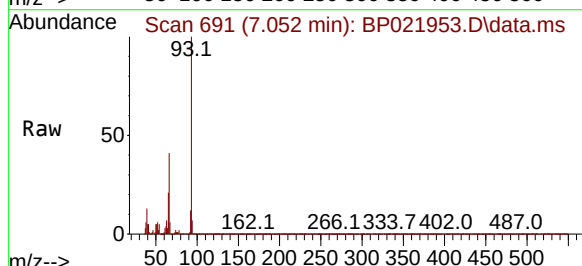
Manual Integrations
APPROVED

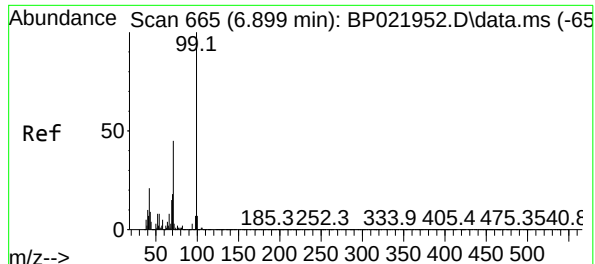
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#6
Aniline
Concen: 48.794 ng
RT: 7.052 min Scan# 691
Delta R.T. 0.000 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

Tgt Ion: 93 Resp: 279629
Ion Ratio Lower Upper
93 100
66 40.8 33.0 49.4
65 21.1 16.1 24.1





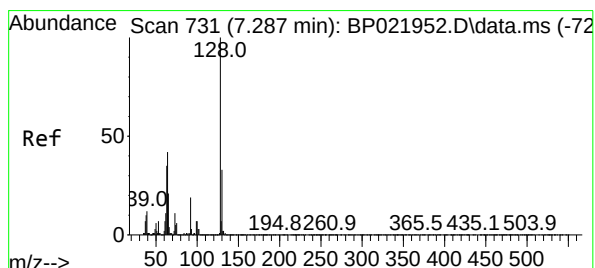
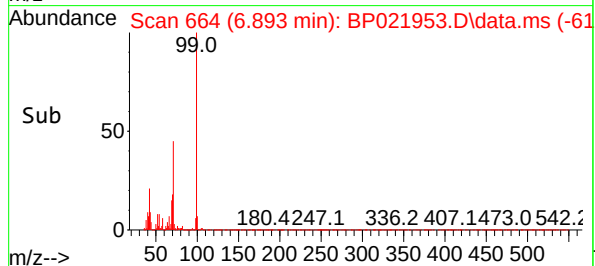
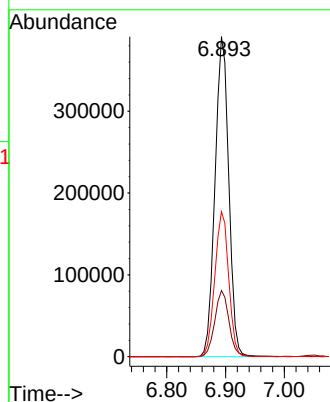
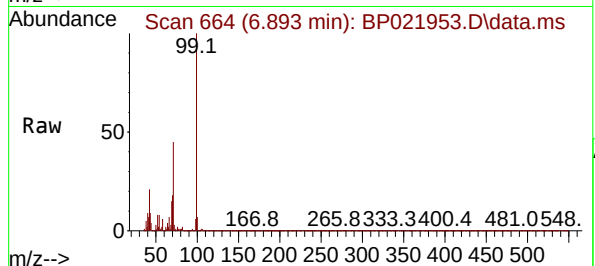
#7
Phenol-d6
Concen: 97.410 ng
RT: 6.893 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 99 Resp: 635268
Ion Ratio Lower Upper
99 100
42 20.6 16.8 25.2
71 45.3 35.8 53.6

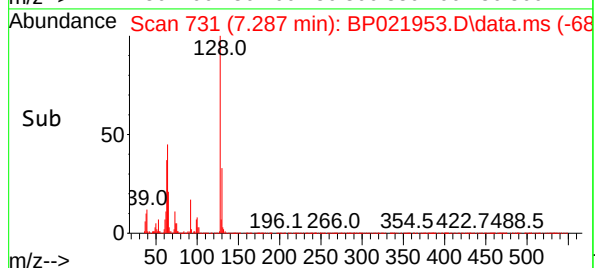
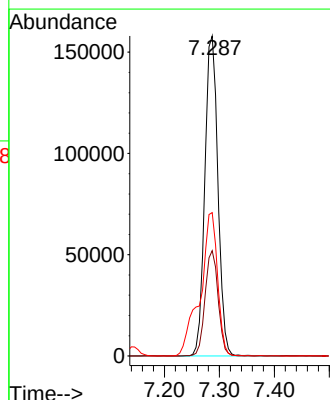
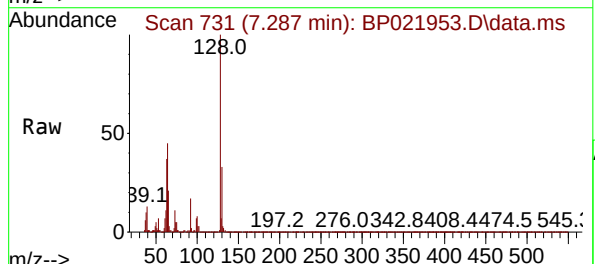
Manual Integrations
APPROVED

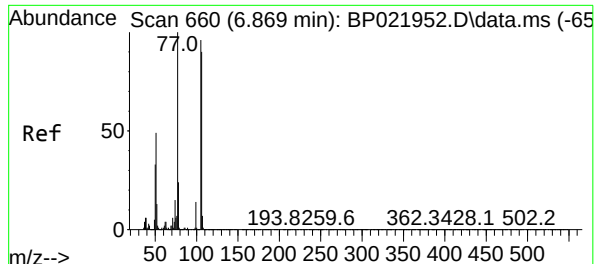
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#8
2-Chlorophenol
Concen: 48.528 ng
RT: 7.287 min Scan# 731
Delta R.T. 0.000 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

Tgt Ion:128 Resp: 260680
Ion Ratio Lower Upper
128 100
130 32.9 13.1 53.1
64 44.8 22.1 62.1





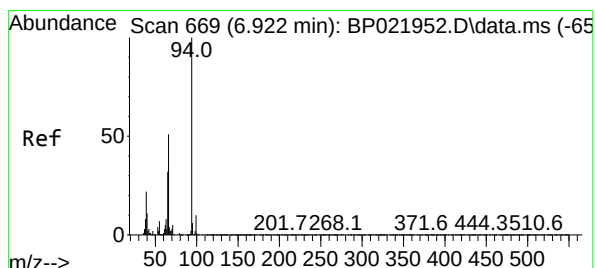
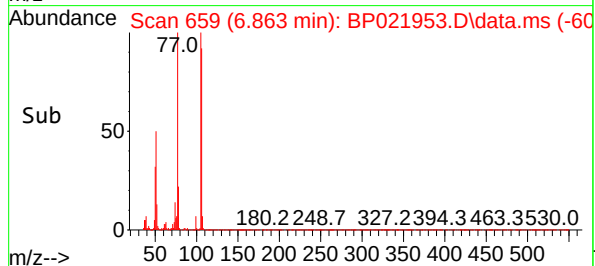
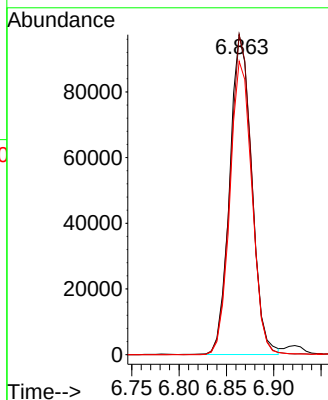
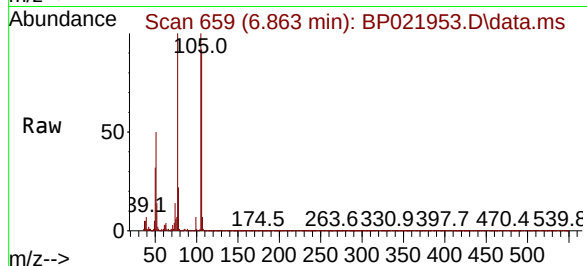
#9
Benzaldehyde
Concen: 45.992 ng
RT: 6.863 min Scan# 610
Delta R.T. -0.006 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 15747
Ion Ratio Lower Upper
77 100
105 100.0 76.1 116.1
106 91.7 69.9 109.9

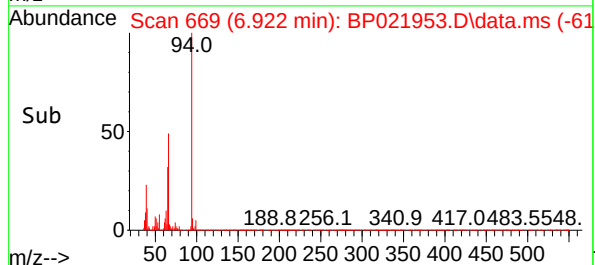
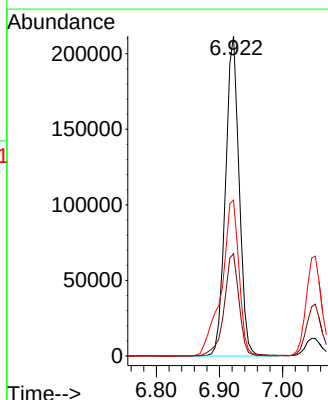
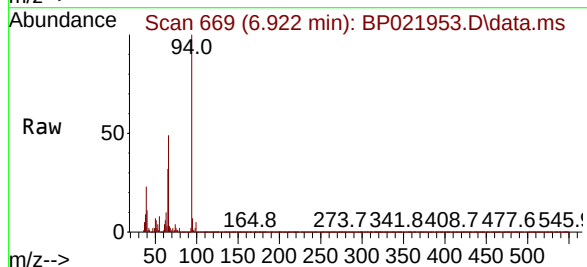
Manual Integrations
APPROVED

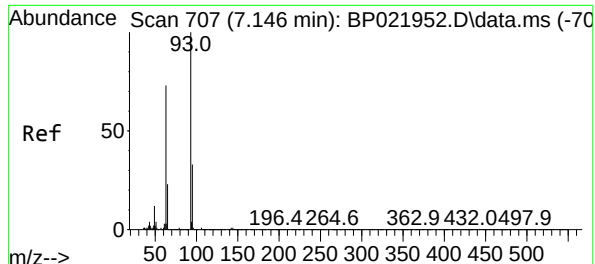
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#10
Phenol
Concen: 49.021 ng
RT: 6.922 min Scan# 669
Delta R.T. 0.000 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

Tgt Ion: 94 Resp: 317527
Ion Ratio Lower Upper
94 100
65 32.0 12.5 52.5
66 48.7 31.2 71.2





#11

bis(2-Chloroethyl)ether

Concen: 48.682 ng

RT: 7.146 min Scan# 707

Delta R.T. 0.000 min

Lab File: BP021953.D

Acq: 19 Sep 2024 16:21

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 93 Resp: 237528

Ion Ratio Lower Upper

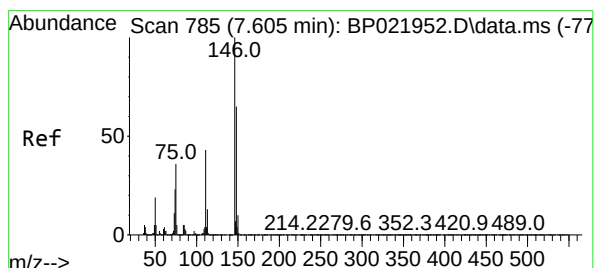
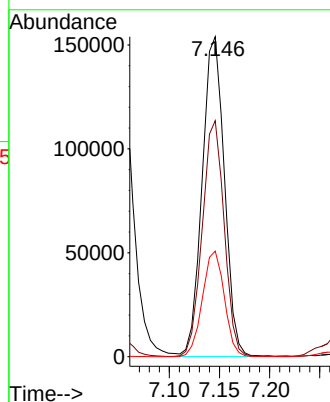
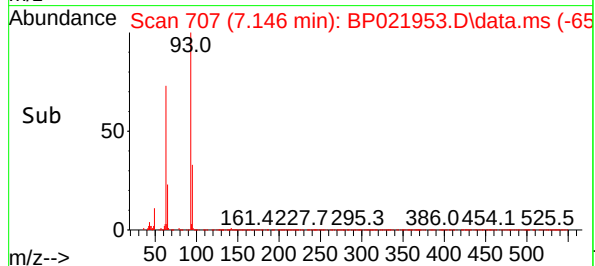
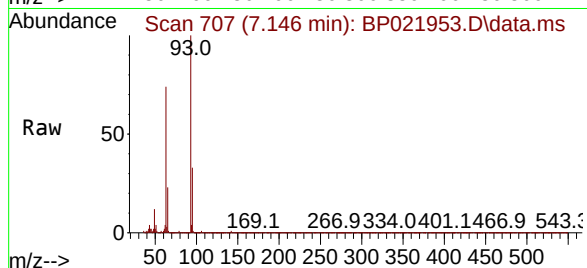
93 100

63 73.8 53.0 93.0

95 33.0 12.4 52.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#12

1,3-Dichlorobenzene

Concen: 47.978 ng

RT: 7.605 min Scan# 785

Delta R.T. 0.000 min

Lab File: BP021953.D

Acq: 19 Sep 2024 16:21

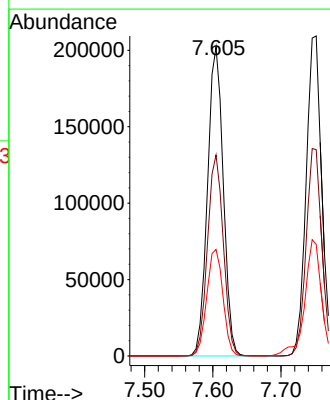
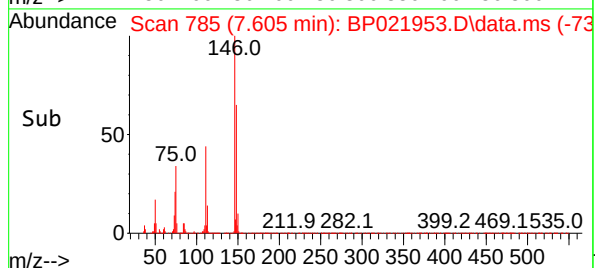
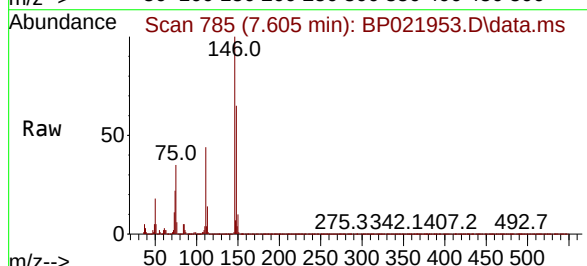
Tgt Ion:146 Resp: 325382

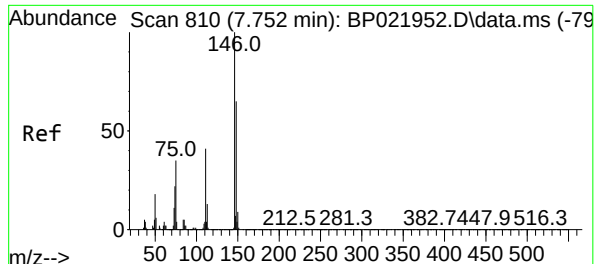
Ion Ratio Lower Upper

146 100

148 65.1 52.3 78.5

75 34.5 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 47.917 ng

RT: 7.752 min Scan# 810

Delta R.T. 0.000 min

Lab File: BP021953.D

Acq: 19 Sep 2024 16:21

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:146 Resp: 32956

Ion Ratio Lower Upper

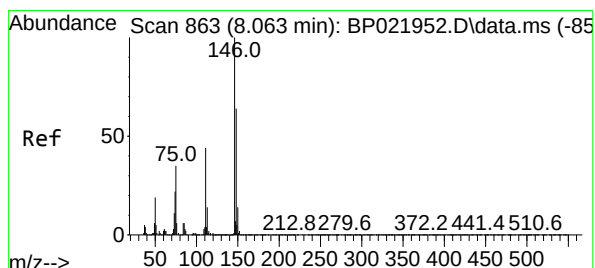
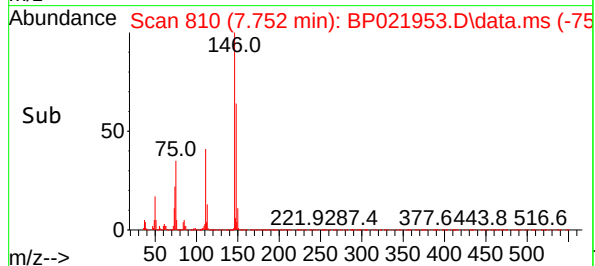
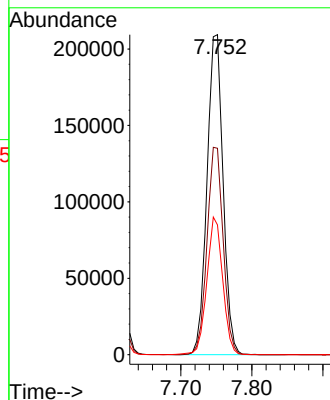
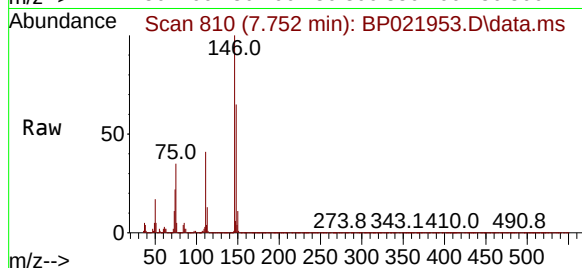
146 100

148 64.5 52.2 78.4

111 40.5 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#14

1,2-Dichlorobenzene

Concen: 47.410 ng

RT: 8.063 min Scan# 863

Delta R.T. 0.000 min

Lab File: BP021953.D

Acq: 19 Sep 2024 16:21

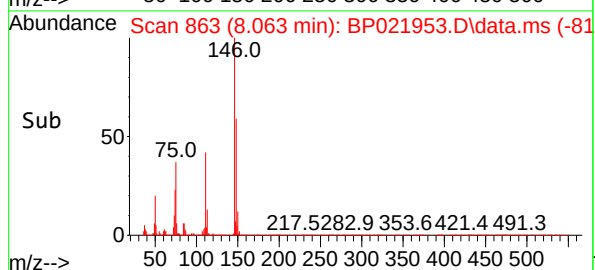
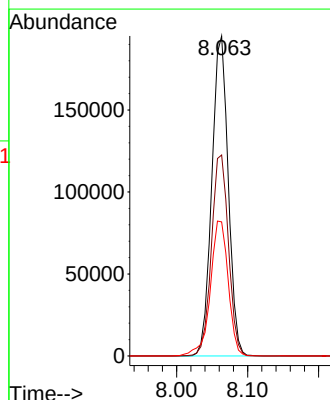
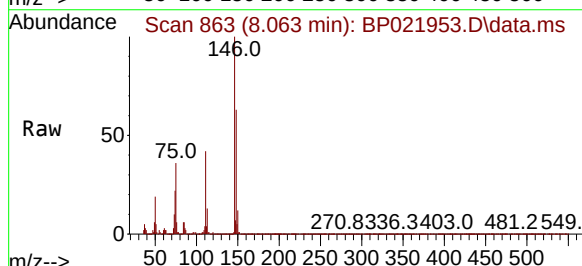
Tgt Ion:146 Resp: 312971

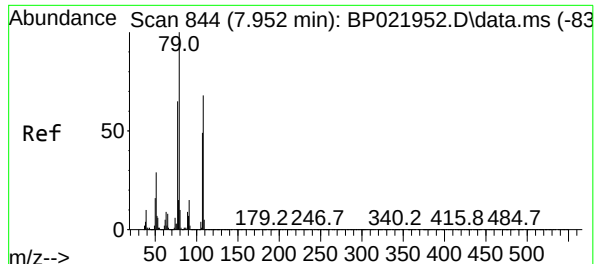
Ion Ratio Lower Upper

146 100

148 62.8 51.3 76.9

111 41.9 35.6 53.4





#15

Benzyl Alcohol

Concen: 51.380 ng

RT: 7.946 min Scan# 844

Delta R.T. -0.006 min

Lab File: BP021953.D

Acq: 19 Sep 2024 16:21

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 79 Resp: 25697

Ion Ratio Lower Upper

79 100

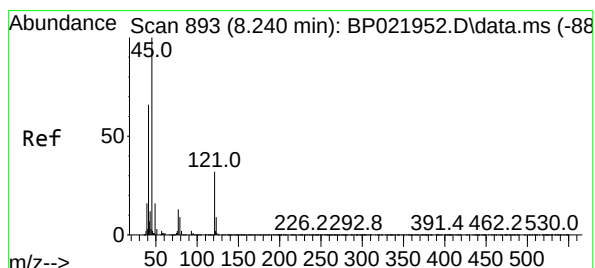
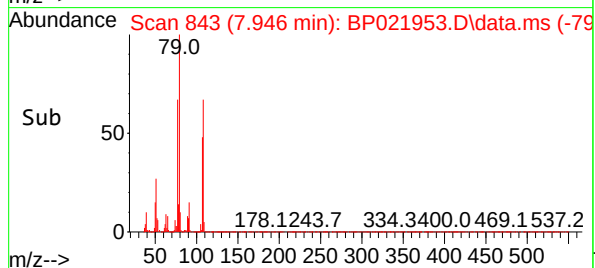
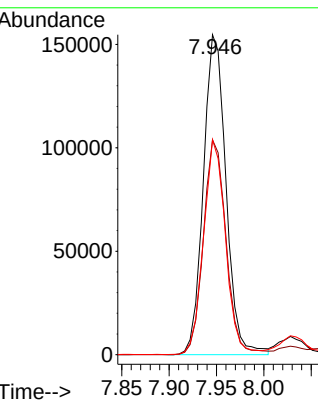
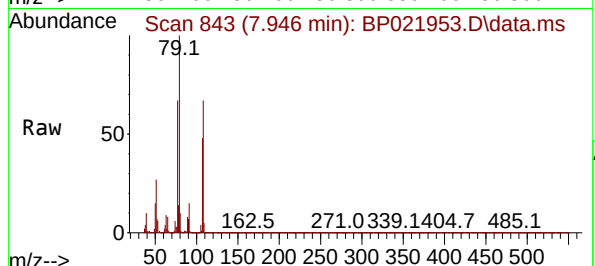
108 67.2 54.7 82.1

77 67.2 51.8 77.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/22/2024



#16

2,2'-oxybis(1-Chloropropane)

Concen: 49.079 ng

RT: 8.234 min Scan# 892

Delta R.T. -0.006 min

Lab File: BP021953.D

Acq: 19 Sep 2024 16:21

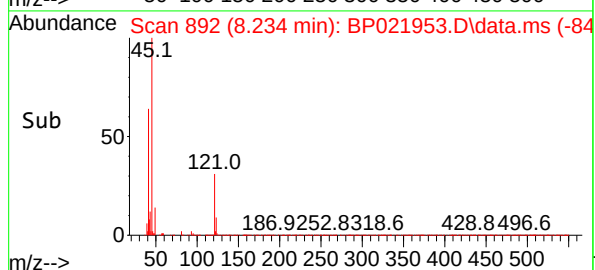
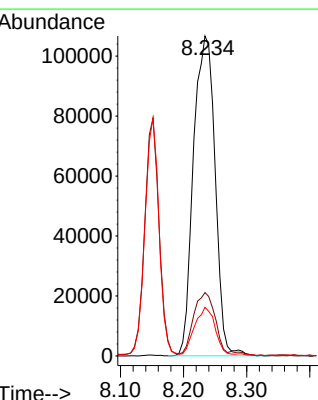
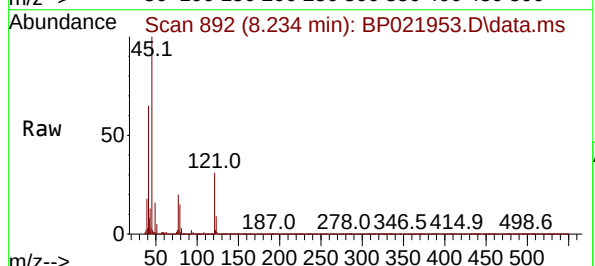
Tgt Ion: 45 Resp: 253754

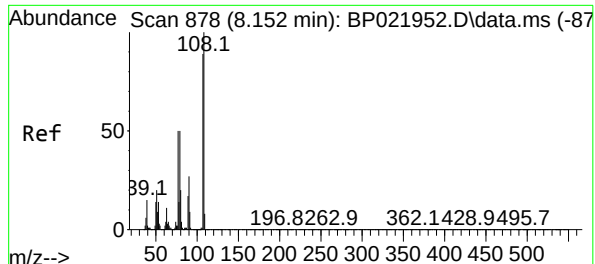
Ion Ratio Lower Upper

45 100

77 19.8 0.0 39.5

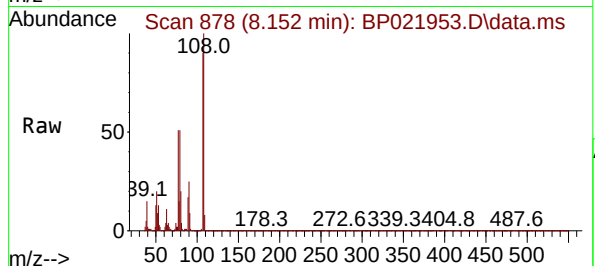
79 15.2 0.0 34.9





#17
2-Methylphenol
Concen: 50.295 ng
RT: 8.152 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

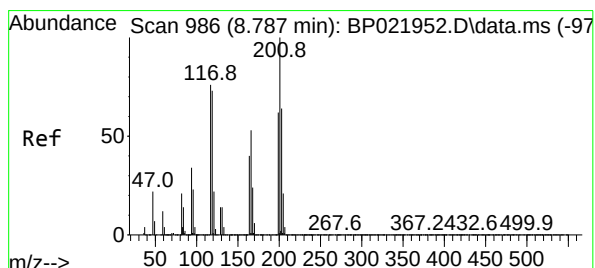
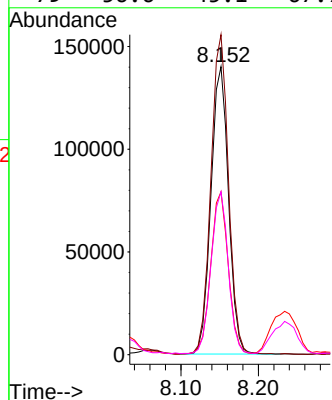
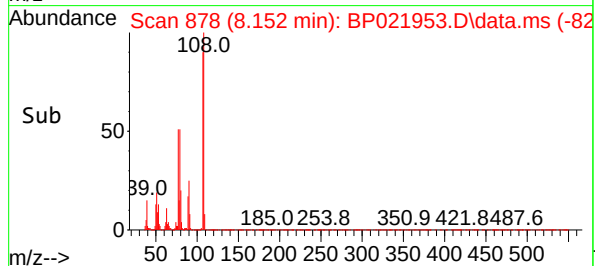
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:107 Resp: 220079
Ion Ratio Lower Upper
107 100
108 111.1 90.3 135.5
77 56.6 45.1 67.7
79 56.6 45.1 67.7

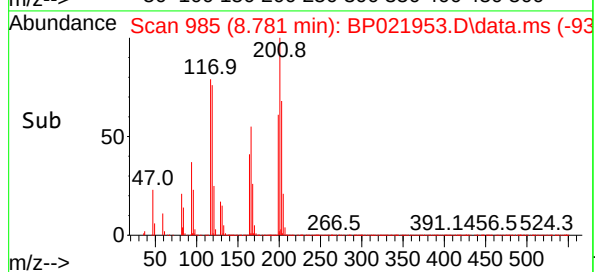
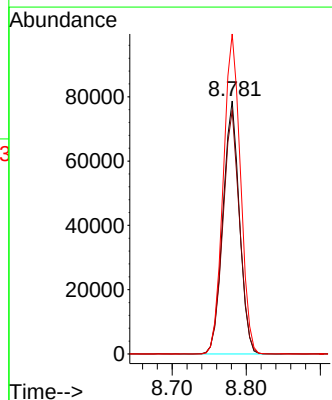
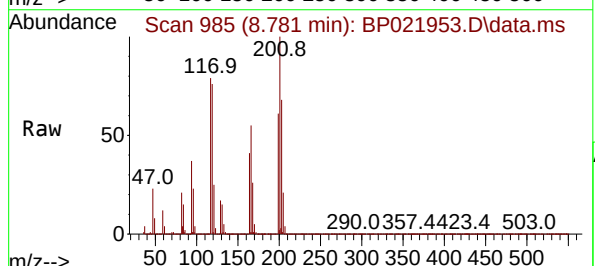
Manual Integrations
APPROVED

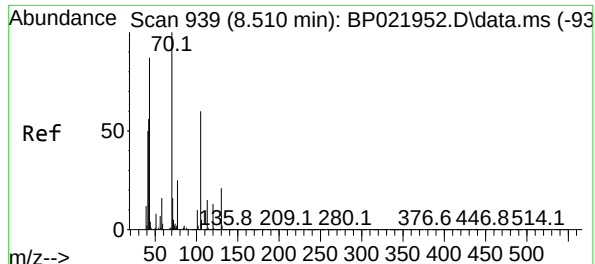
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#18
Hexachloroethane
Concen: 48.045 ng
RT: 8.781 min Scan# 985
Delta R.T. -0.006 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

Tgt Ion:117 Resp: 121506
Ion Ratio Lower Upper
117 100
119 96.2 77.0 115.4
201 126.5 105.6 158.4





#19

n-Nitroso-di-n-propylamine

Concen: 51.105 ng

RT: 8.510 min Scan# 91

Delta R.T. 0.000 min

Lab File: BP021953.D

Acq: 19 Sep 2024 16:21

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 20715

Ion Ratio Lower Upper

70 100

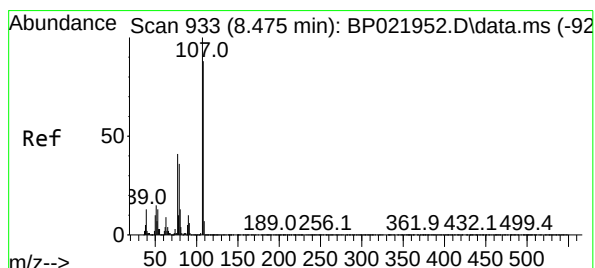
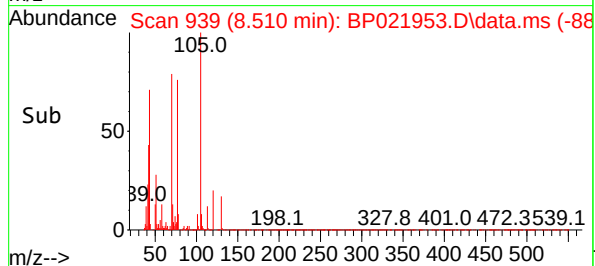
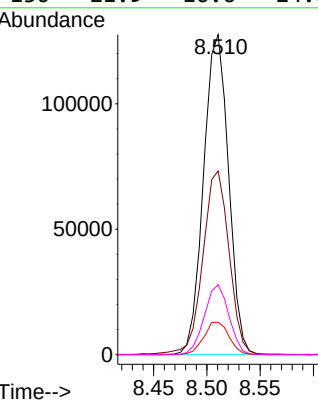
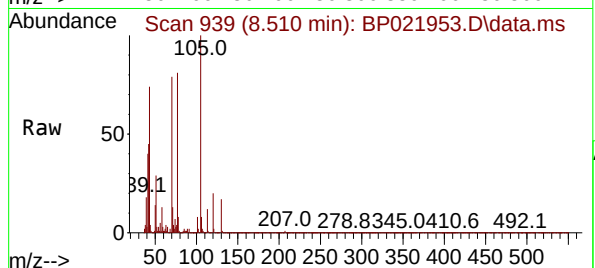
42 57.4 45.2 67.8

101 10.2 7.8 11.6

130 21.9 16.6 24.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#20

3+4-Methylphenols

Concen: 50.654 ng

RT: 8.475 min Scan# 933

Delta R.T. 0.000 min

Lab File: BP021953.D

Acq: 19 Sep 2024 16:21

Tgt Ion:107 Resp: 312897

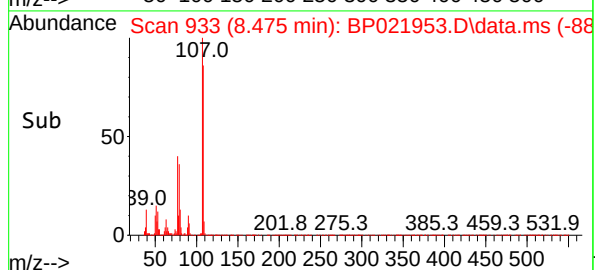
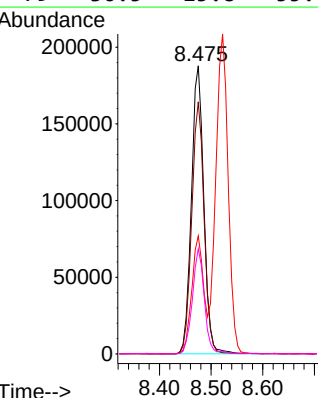
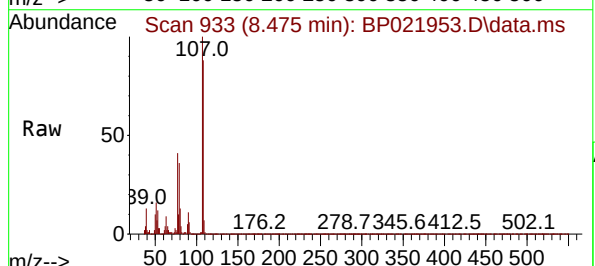
Ion Ratio Lower Upper

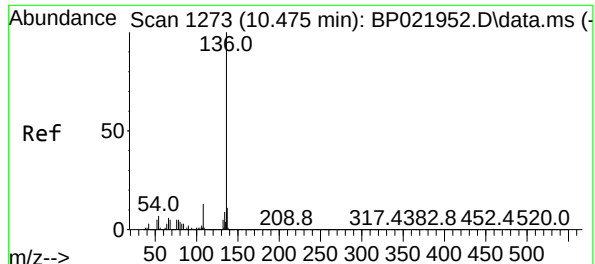
107 100

108 87.5 68.3 108.3

77 41.0 20.6 60.6

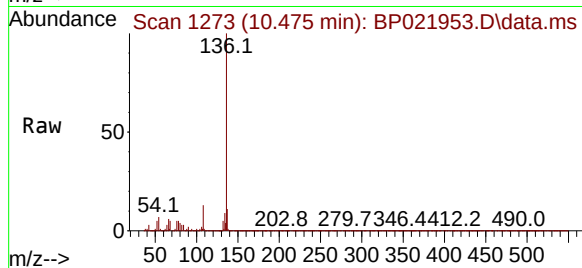
79 36.5 15.8 55.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

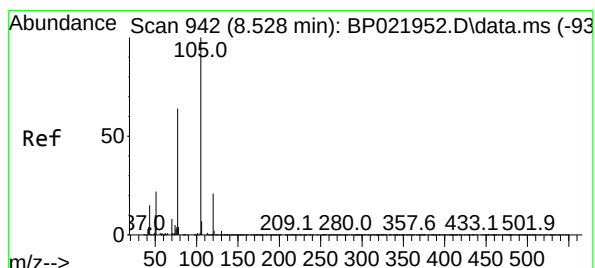
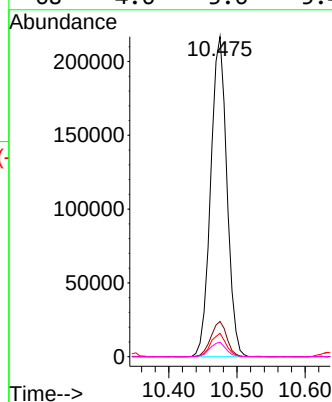
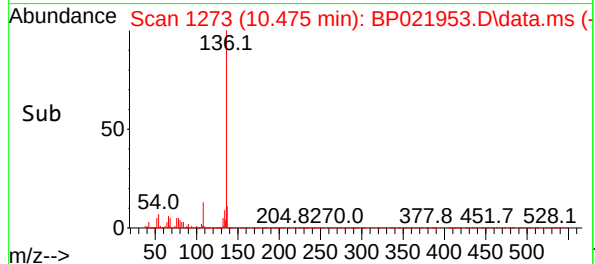
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:136 Resp: 358095
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.3 5.5 8.3
68 4.6 3.6 5.4

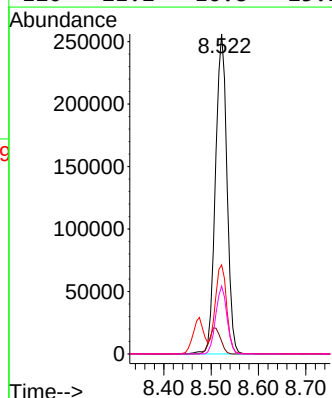
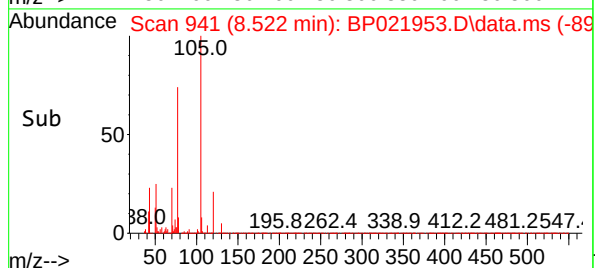
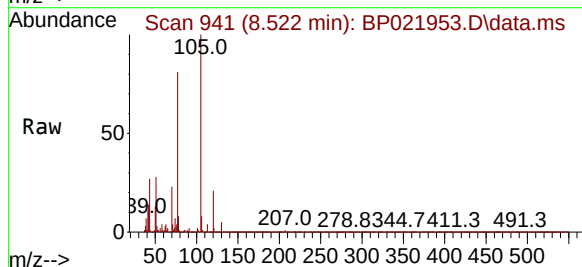
Manual Integrations
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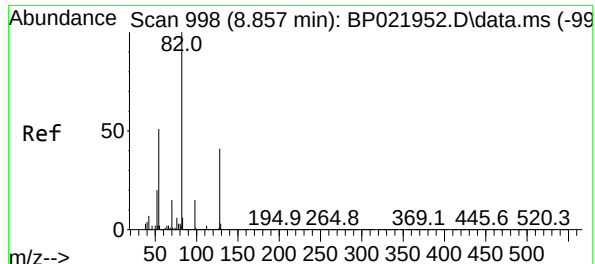
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#22
Acetophenone
Concen: 49.418 ng
RT: 8.522 min Scan# 941
Delta R.T. -0.006 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

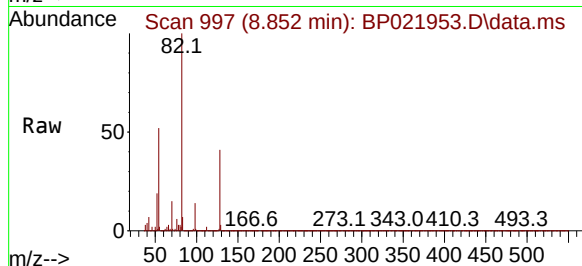
Tgt Ion:105 Resp: 431686
Ion Ratio Lower Upper
105 100
71 3.9 1.4 2.0#
51 27.8 22.1 33.1
120 21.2 16.8 25.2





#23
Nitrobenzene-d5
Concen: 100.165 ng
RT: 8.852 min Scan# 998
Delta R.T. -0.006 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

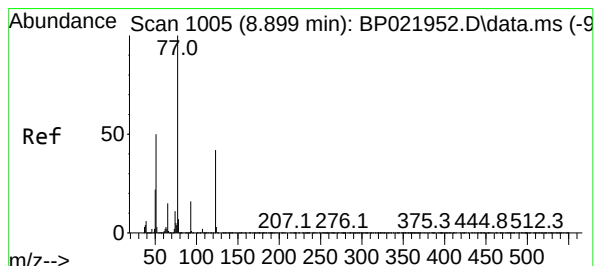
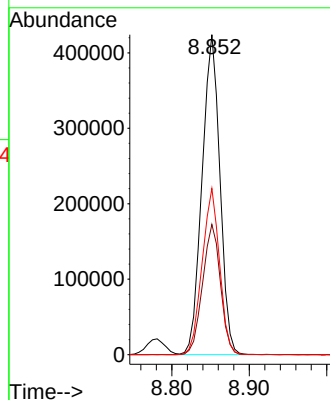
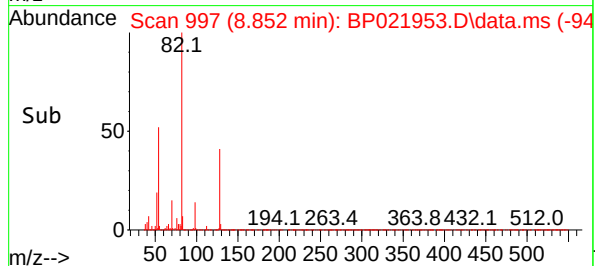
Instrument :
BNA_P
Client Sample Id :
SSTDICC050



Tgt Ion: 82 Resp: 677878
Ion Ratio Lower Upper
82 100
128 40.7 33.1 49.7
54 51.9 40.3 60.5

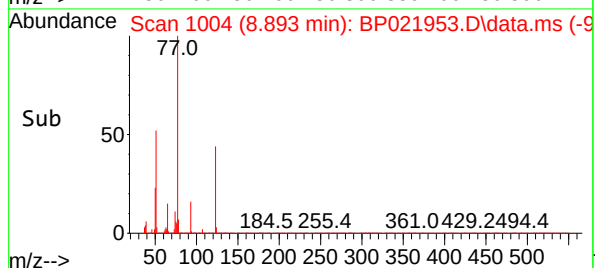
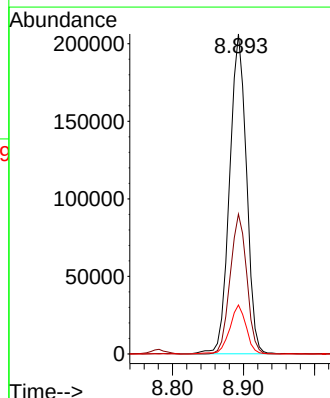
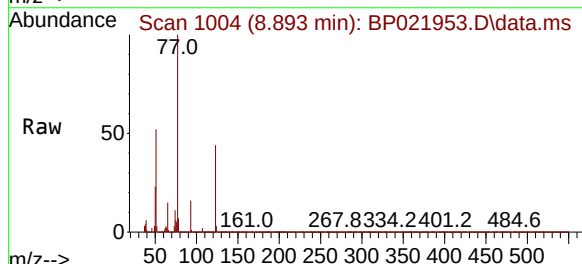
Manual Integrations
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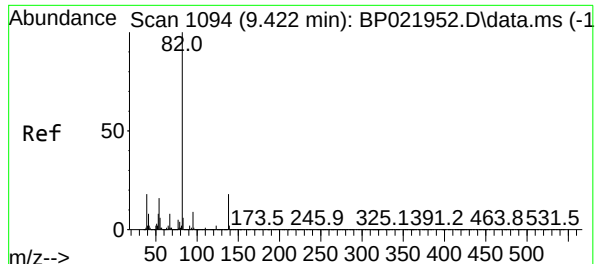
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#24
Nitrobenzene
Concen: 49.451 ng
RT: 8.893 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

Tgt Ion: 77 Resp: 339853
Ion Ratio Lower Upper
77 100
123 43.7 33.9 50.9
65 15.3 12.0 18.0





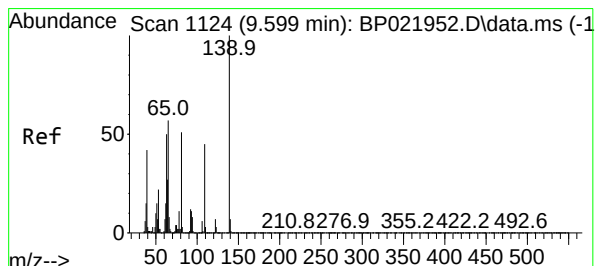
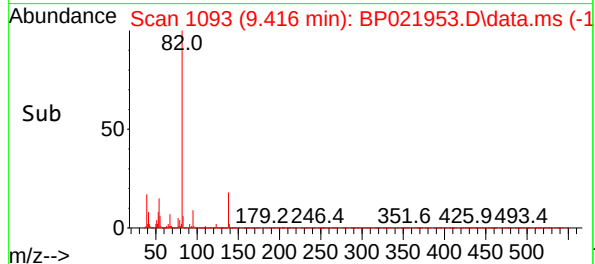
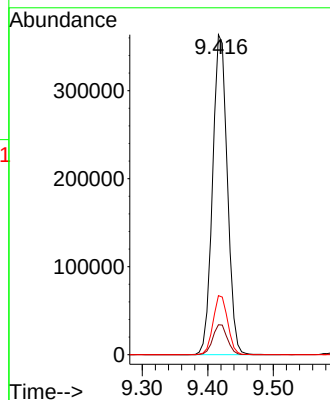
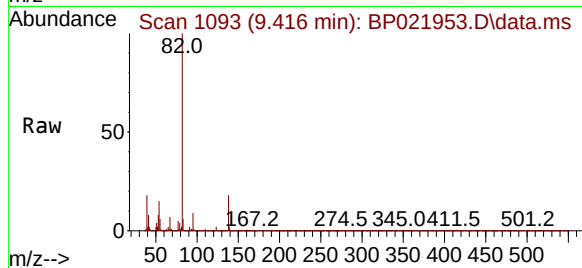
#25
Isophorone
Concen: 50.836 ng
RT: 9.416 min Scan# 1093
Delta R.T. -0.006 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 56720
Ion Ratio Lower Upper
82 100
95 9.3 7.0 10.6
138 18.5 14.6 21.8

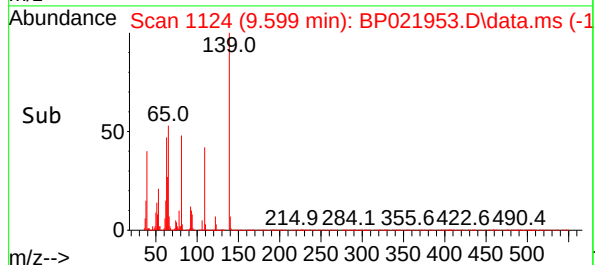
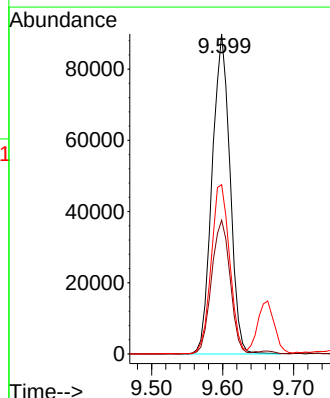
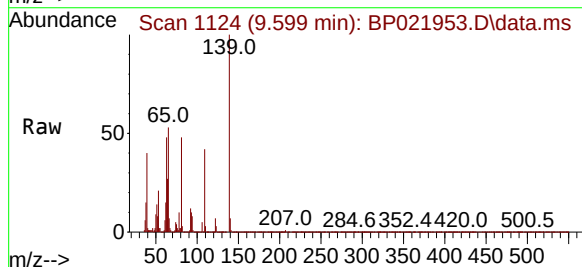
Manual Integrations
APPROVED

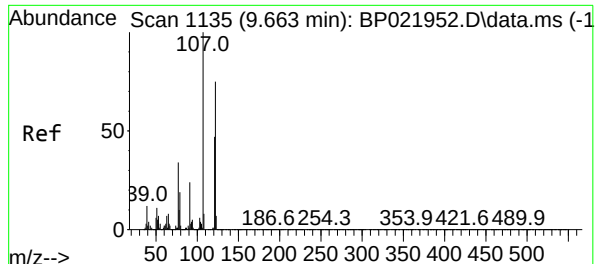
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#26
2-Nitrophenol
Concen: 52.091 ng
RT: 9.599 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

Tgt Ion:139 Resp: 156532
Ion Ratio Lower Upper
139 100
109 41.8 36.0 54.0
65 52.9 45.7 68.5





#27

2,4-Dimethylphenol

Concen: 50.366 ng

RT: 9.663 min Scan# 1135

Delta R.T. 0.000 min

Lab File: BP021953.D

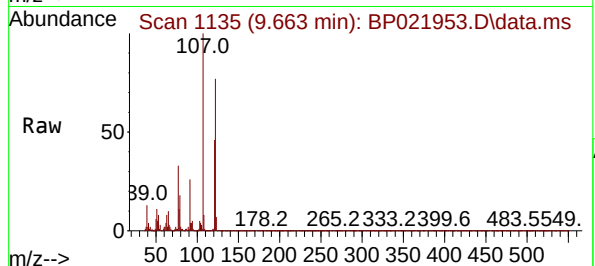
Acq: 19 Sep 2024 16:21

Instrument :

BNA_P

ClientSampleId :

SSTDICC050



Tgt Ion:122 Resp: 175249

Ion Ratio Lower Upper

122 100

107 130.4 106.1 159.1

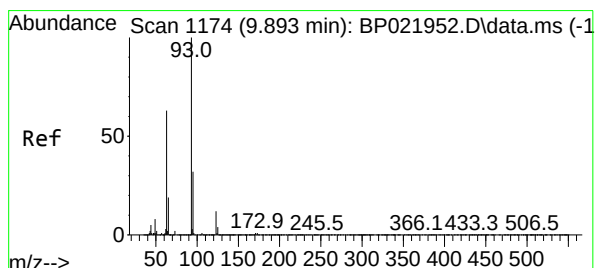
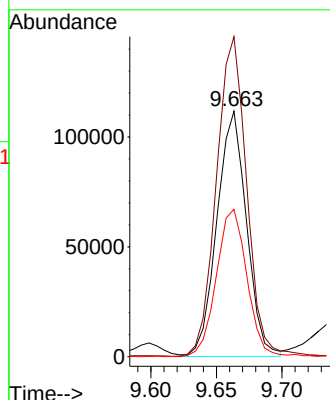
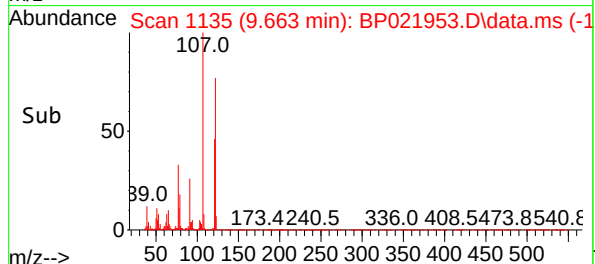
121 60.0 49.6 74.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024

Supervised By :mohammad ahmed 09/22/2024



#28

bis(2-Chloroethoxy)methane

Concen: 49.744 ng

RT: 9.893 min Scan# 1174

Delta R.T. 0.000 min

Lab File: BP021953.D

Acq: 19 Sep 2024 16:21

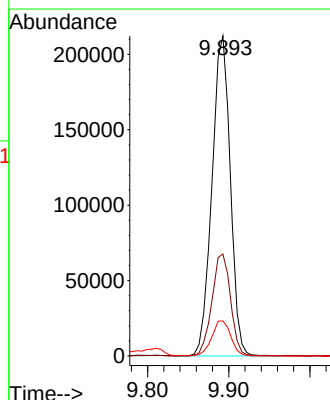
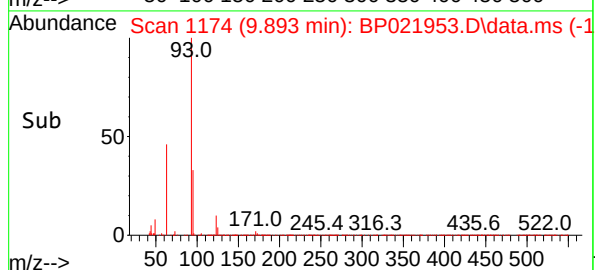
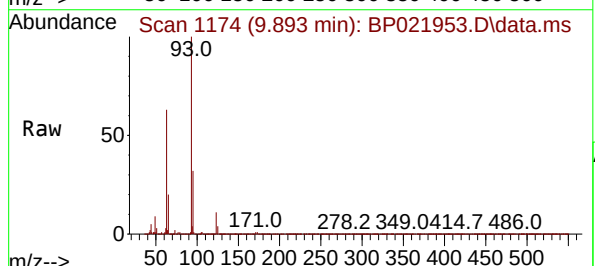
Tgt Ion: 93 Resp: 332782

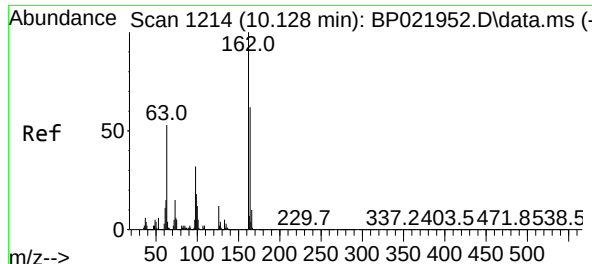
Ion Ratio Lower Upper

93 100

95 31.9 25.7 38.5

123 11.0 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 50.288 ng

RT: 10.128 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BP021953.D

Acq: 19 Sep 2024 16:21

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:162 Resp: 297000

Ion Ratio Lower Upper

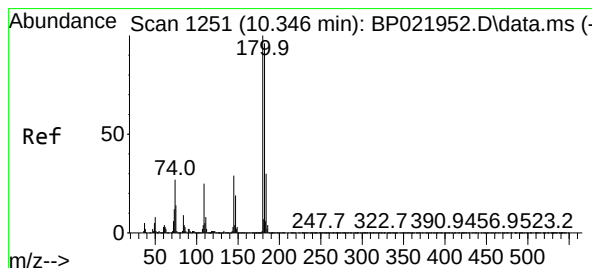
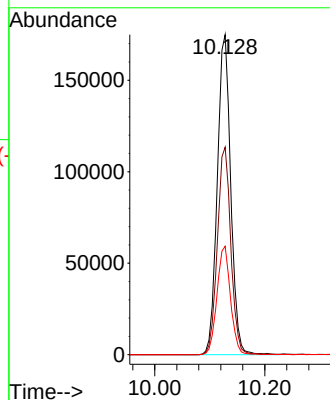
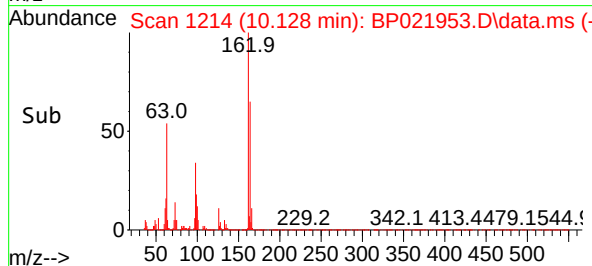
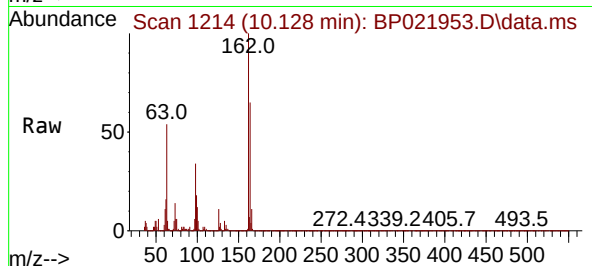
162 100

164 64.9 41.7 81.7

98 33.9 12.4 52.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#30

1,2,4-Trichlorobenzene

Concen: 48.861 ng

RT: 10.340 min Scan# 1250

Delta R.T. -0.006 min

Lab File: BP021953.D

Acq: 19 Sep 2024 16:21

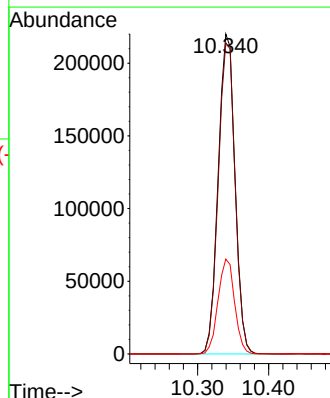
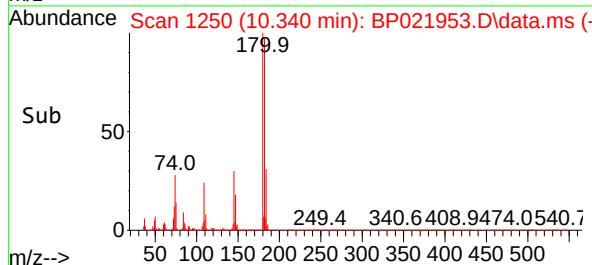
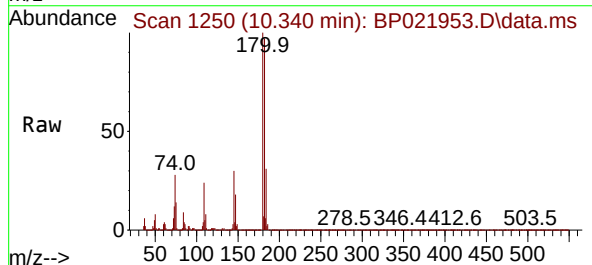
Tgt Ion:180 Resp: 359447

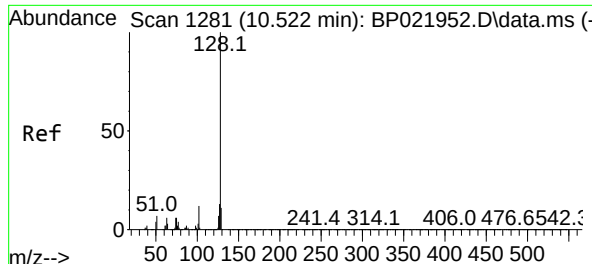
Ion Ratio Lower Upper

180 100

182 97.2 77.0 115.4

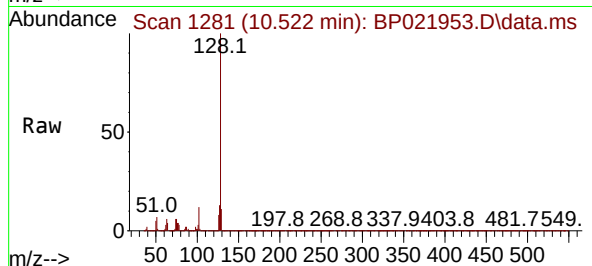
145 29.7 23.0 34.6





#31
Naphthalene
Concen: 48.938 ng
RT: 10.522 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

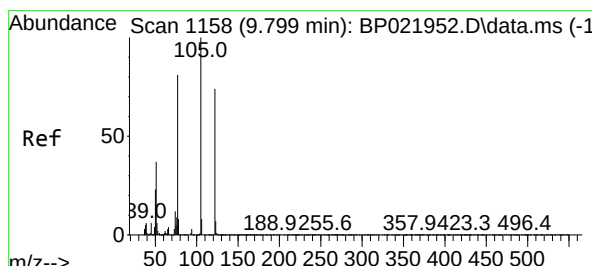
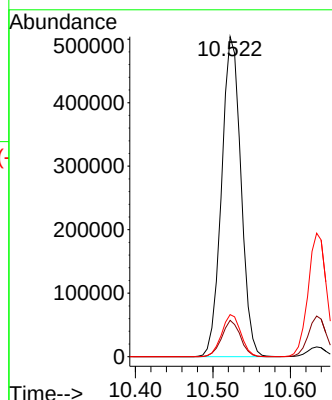
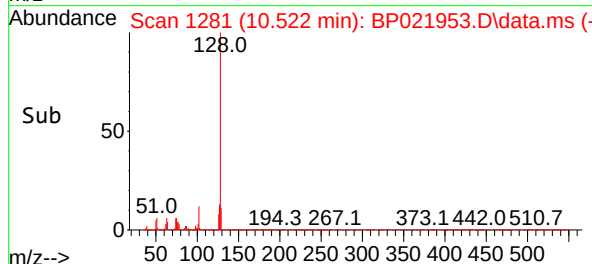
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:128 Resp: 874430
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 13.2 10.6 15.8

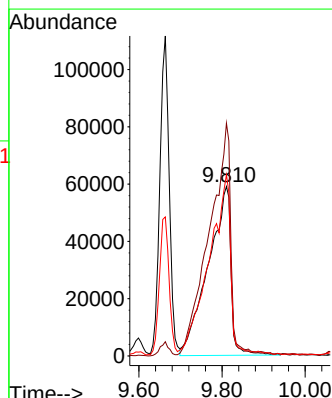
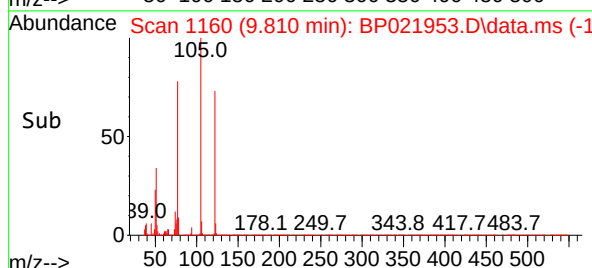
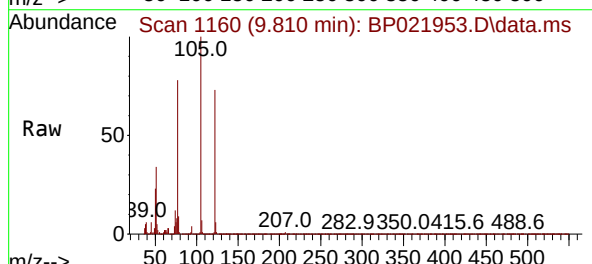
Manual Integrations
APPROVED

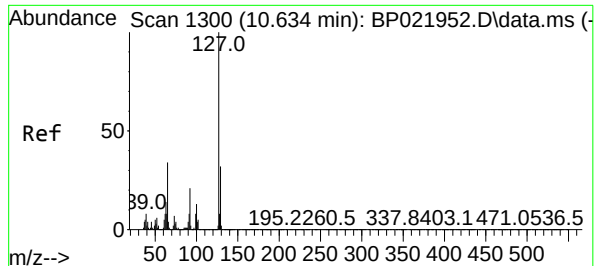
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#32
Benzoic acid
Concen: 53.888 ng
RT: 9.810 min Scan# 1160
Delta R.T. 0.012 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

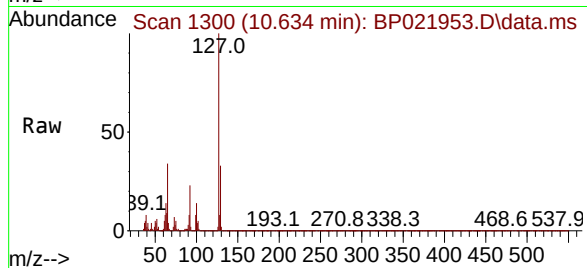
Tgt Ion:122 Resp: 223399
Ion Ratio Lower Upper
122 100
105 137.4 111.3 151.3
77 107.0 86.7 126.7





#33
4-Chloroaniline
Concen: 50.501 ng
RT: 10.634 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

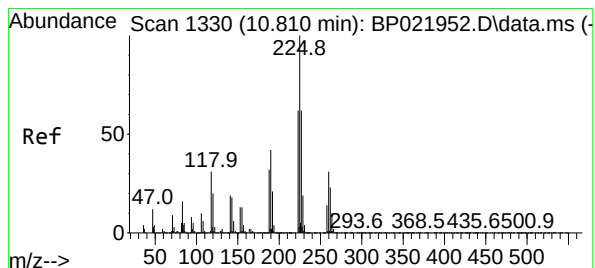
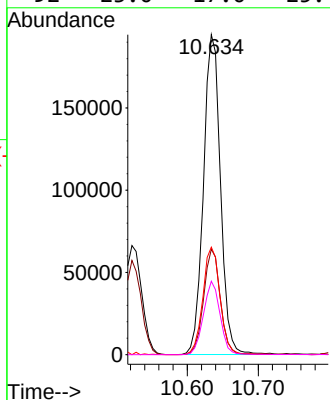
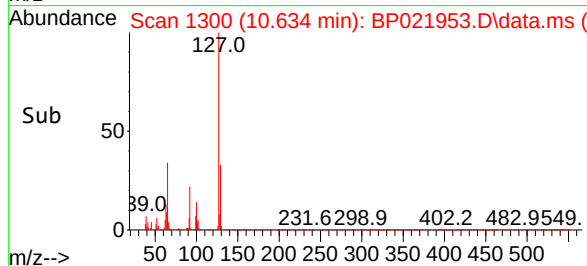
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:127 Resp: 32548
Ion Ratio Lower Upper
127 100
129 33.0 25.4 38.0
65 33.6 27.4 41.2
92 23.0 17.0 25.4

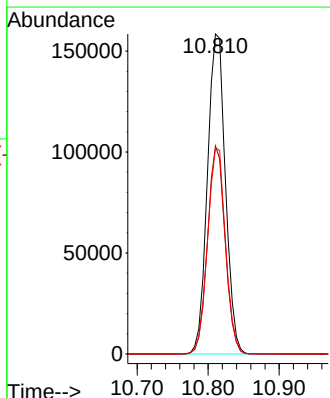
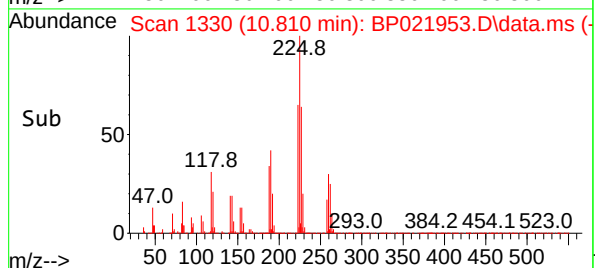
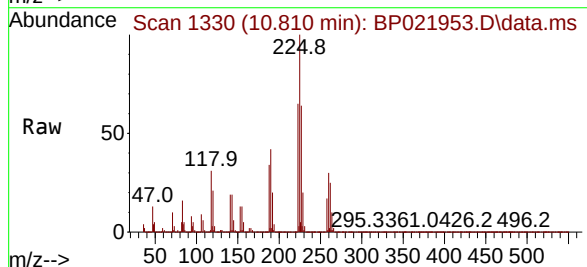
Manual Integrations
APPROVED

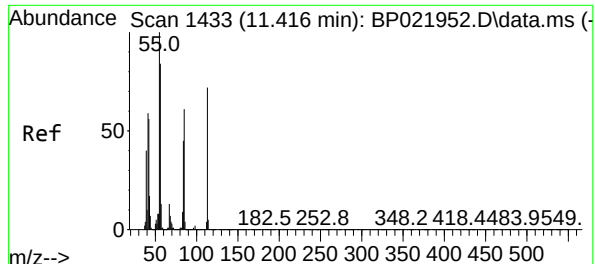
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#34
Hexachlorobutadiene
Concen: 48.309 ng
RT: 10.810 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

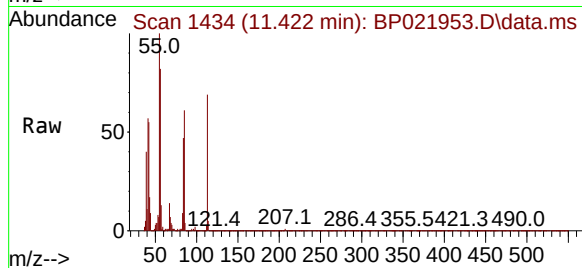
Tgt Ion:225 Resp: 278017
Ion Ratio Lower Upper
225 100
223 65.0 50.0 75.0
227 64.4 49.7 74.5





#35
Caprolactam
Concen: 52.301 ng
RT: 11.422 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

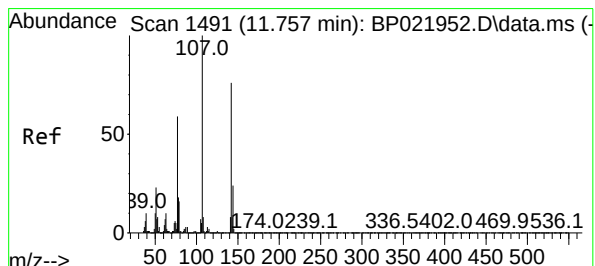
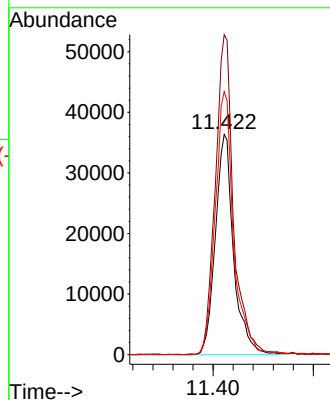
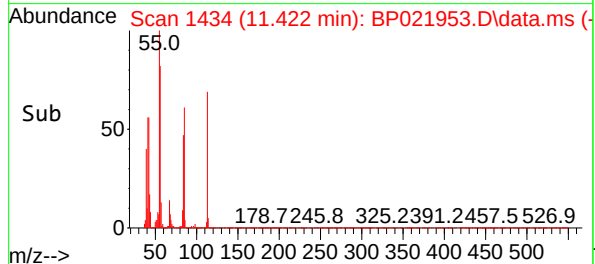
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



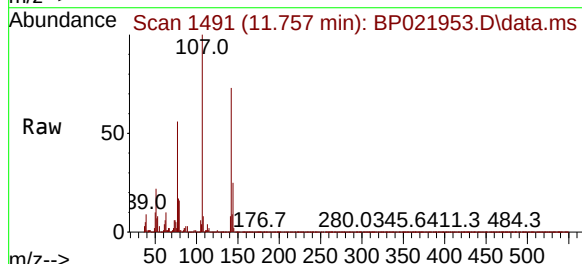
Tgt Ion:113 Resp: 91758
Ion Ratio Lower Upper
113 100
55 145.2 119.4 159.4
56 119.3 97.1 137.1

Manual Integrations
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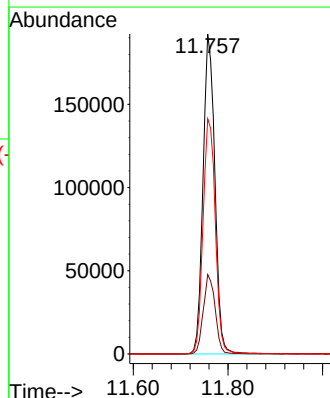
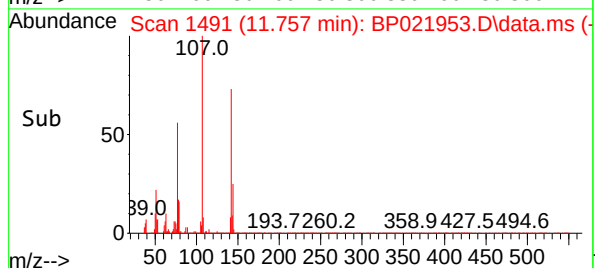
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

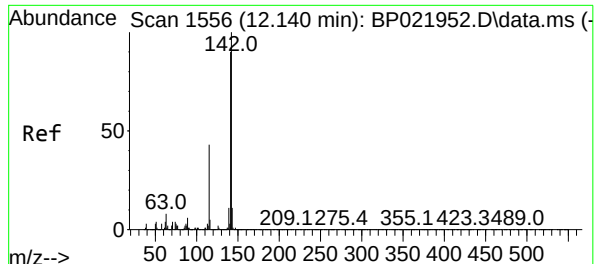


#36
4-Chloro-3-methylphenol
Concen: 52.537 ng
RT: 11.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21



Tgt Ion:107 Resp: 332888
Ion Ratio Lower Upper
107 100
144 24.8 19.0 28.4
142 73.5 60.4 90.6





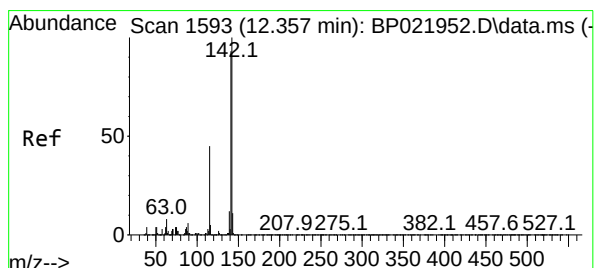
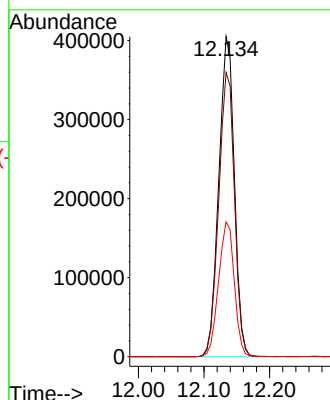
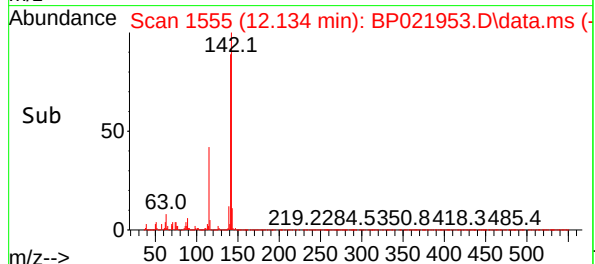
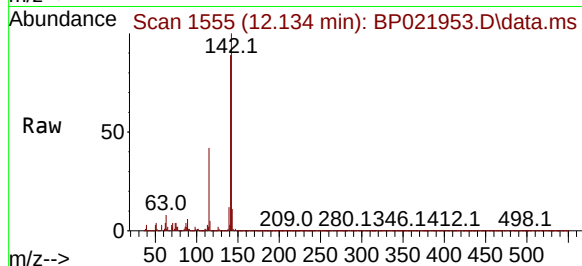
#37
2-Methylnaphthalene
Concen: 50.843 ng
RT: 12.134 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:142 Resp: 66467
Ion Ratio Lower Upper
142 100
141 88.8 71.7 107.5
115 42.2 34.6 51.8

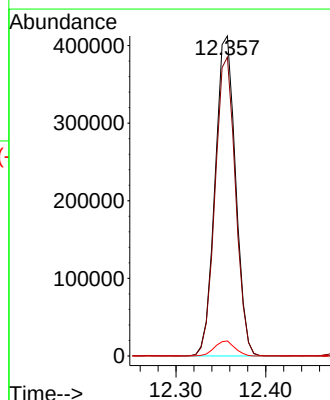
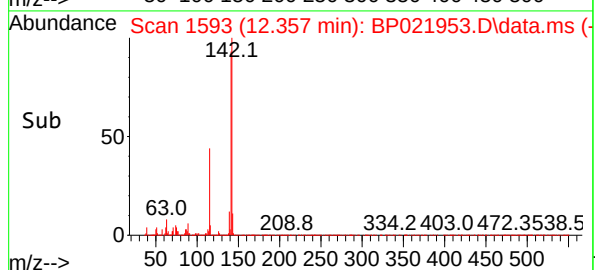
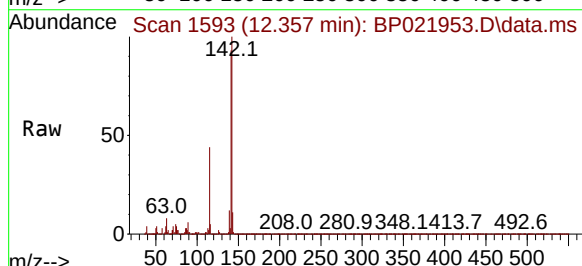
Manual Integrations
APPROVED

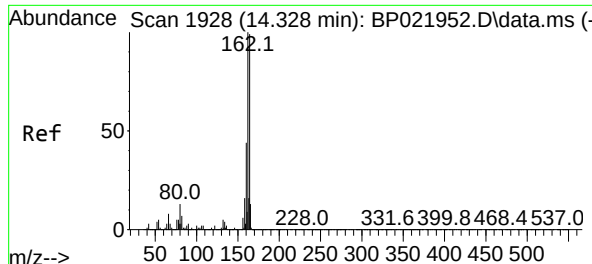
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#38
1-Methylnaphthalene
Concen: 50.570 ng
RT: 12.357 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

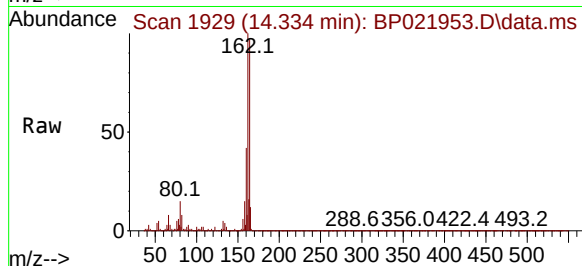
Tgt Ion:142 Resp: 652712
Ion Ratio Lower Upper
142 100
141 93.4 74.1 111.1
116 4.7 3.8 5.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1929
Delta R.T. 0.006 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

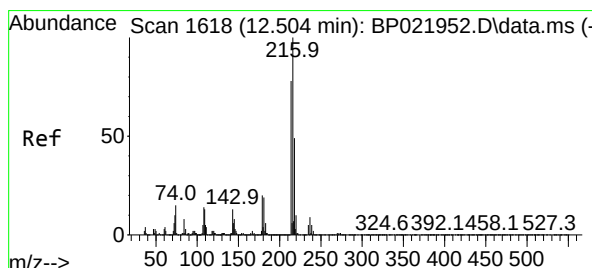
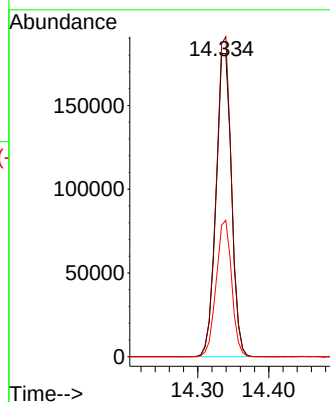
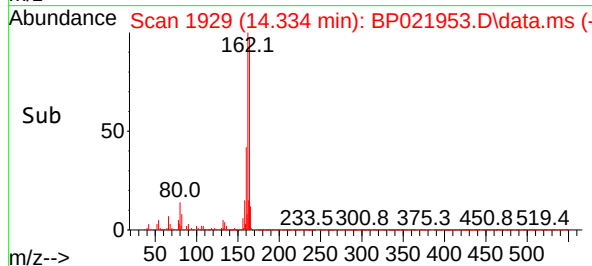
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:164 Resp: 27269
Ion Ratio Lower Upper
164 100
162 103.2 81.2 121.8
160 43.4 35.9 53.9

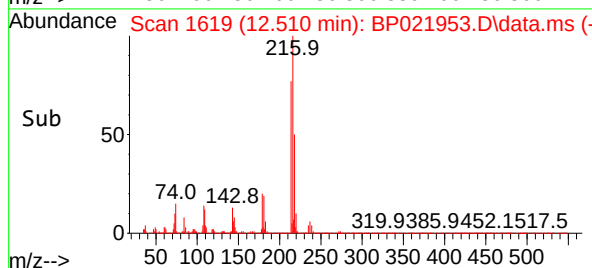
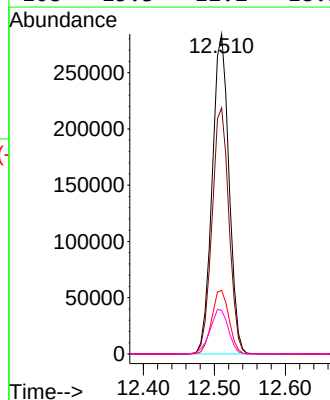
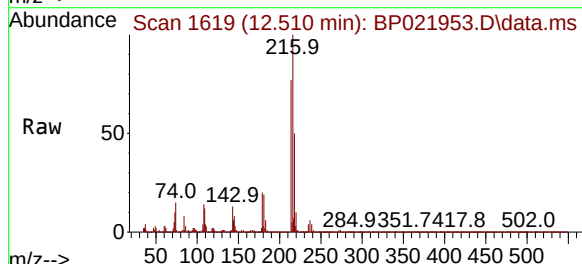
Manual Integrations
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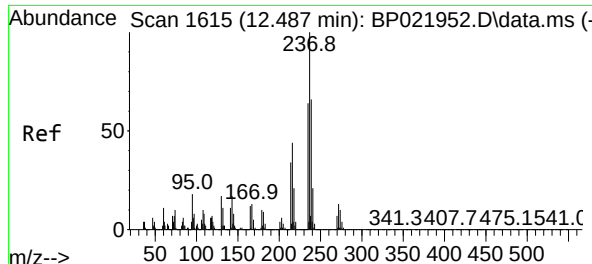
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.777 ng
RT: 12.510 min Scan# 1619
Delta R.T. 0.006 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

Tgt Ion:216 Resp: 465359
Ion Ratio Lower Upper
216 100
214 77.6 62.8 94.2
179 20.4 16.4 24.6
108 15.3 12.2 18.2





#41

Hexachlorocyclopentadiene

Concen: 49.428 ng

RT: 12.487 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP021953.D

Acq: 19 Sep 2024 16:21

Instrument :

BNA_P

ClientSampleId :

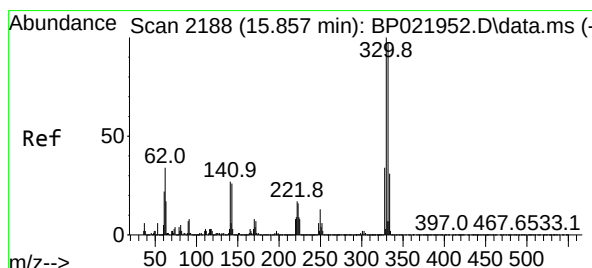
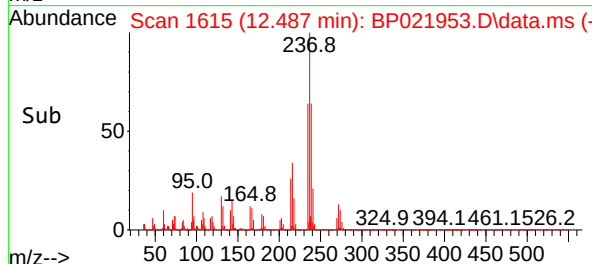
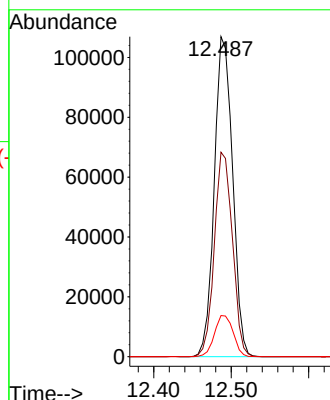
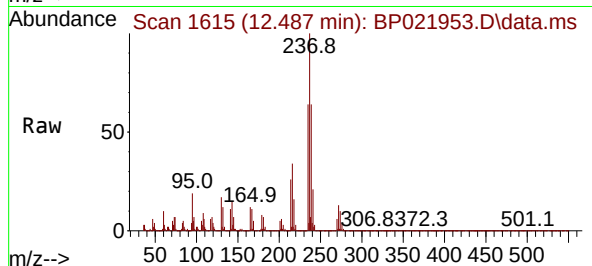
SSTDICC050

Tgt Ion:	237	Resp:	17521
Ion Ratio	Lower	Upper	
237	100		
235	63.9	44.1	84.1
272	12.8	0.0	33.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#42

2,4,6-Tribromophenol

Concen: 101.818 ng

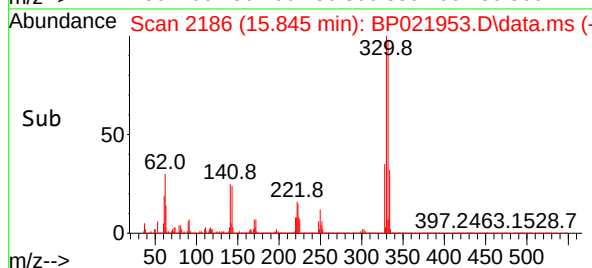
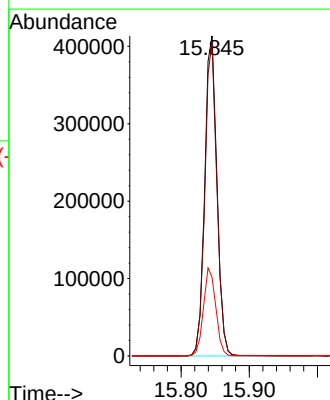
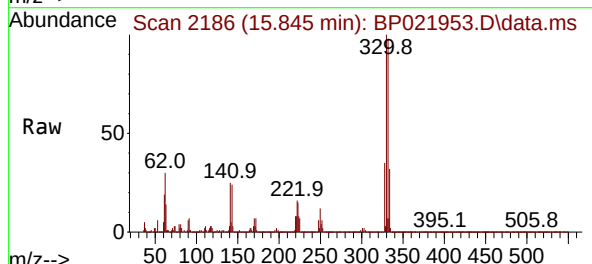
RT: 15.845 min Scan# 2186

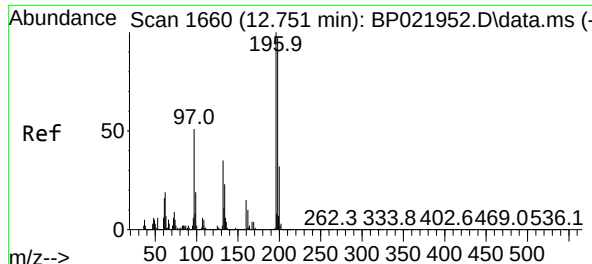
Delta R.T. -0.012 min

Lab File: BP021953.D

Acq: 19 Sep 2024 16:21

Tgt Ion:	330	Resp:	514730
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.5	116.3
141	27.8	23.4	35.0





#43

2,4,6-Trichlorophenol

Concen: 51.159 ng

RT: 12.746 min Scan# 1659

Delta R.T. -0.006 min

Lab File: BP021953.D

Acq: 19 Sep 2024 16:21

Instrument :

BNA_P

ClientSampleId :

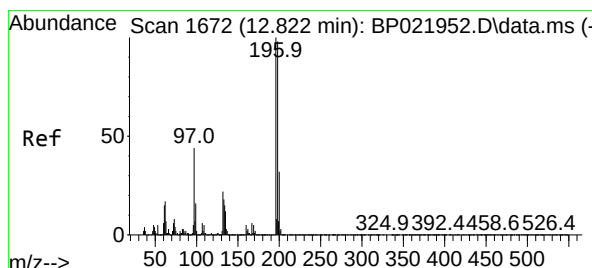
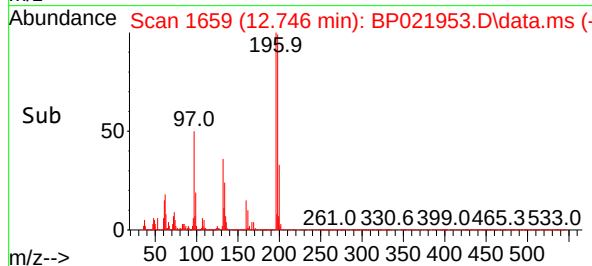
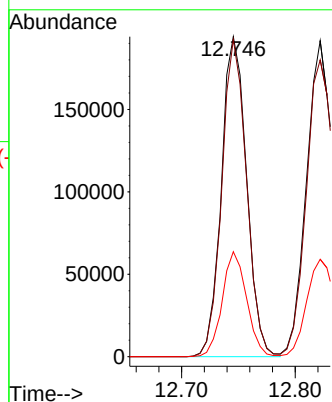
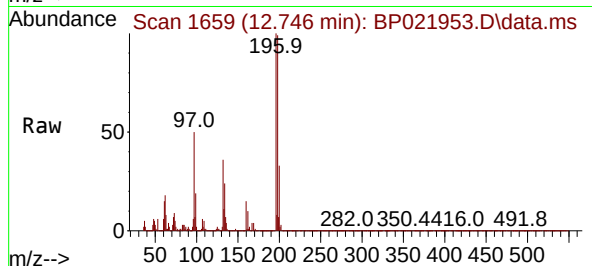
SSTDICC050

Tgt Ion:	196	Resp:	29957
Ion Ratio	Lower	Upper	
196	100		
198	99.1	77.6	116.4
200	32.8	25.8	38.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#44

2,4,5-Trichlorophenol

Concen: 51.480 ng

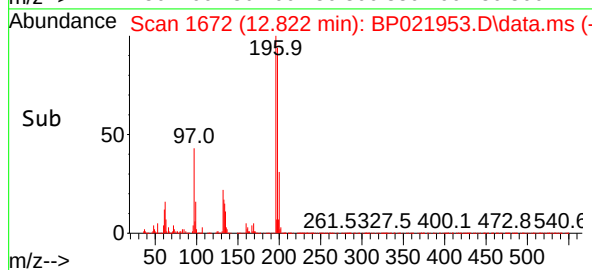
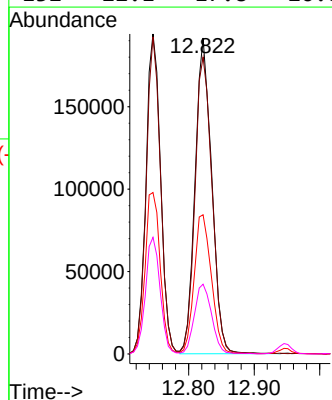
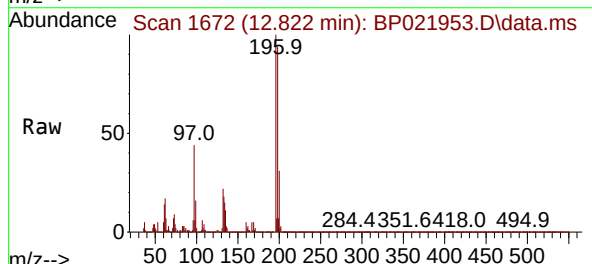
RT: 12.822 min Scan# 1672

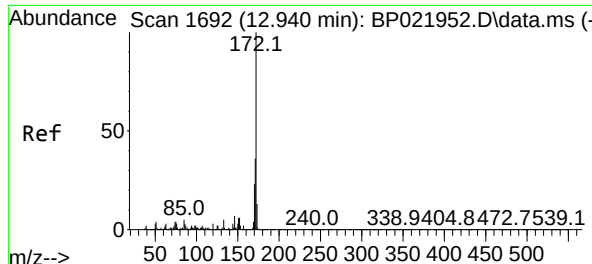
Delta R.T. 0.000 min

Lab File: BP021953.D

Acq: 19 Sep 2024 16:21

Tgt Ion:	196	Resp:	338173
Ion Ratio	Lower	Upper	
196	100		
198	93.9	78.2	117.4
97	44.1	35.0	52.4
132	22.1	17.8	26.8





#45

2-Fluorobiphenyl

Concen: 96.991 ng

RT: 12.945 min Scan# 1692

Delta R.T. 0.006 min

Lab File: BP021953.D

Acq: 19 Sep 2024 16:21

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:172 Resp: 1811829

Ion Ratio Lower Upper

172 100

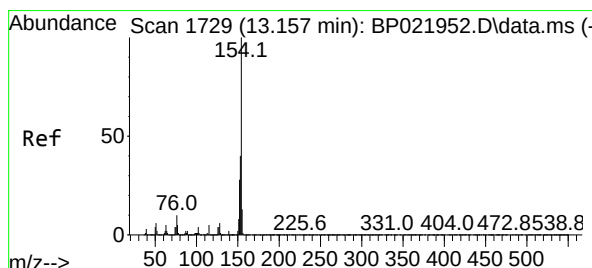
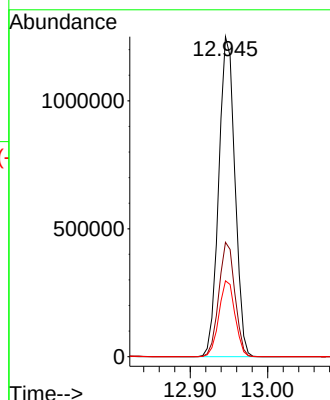
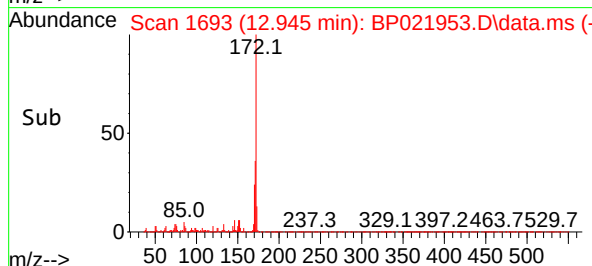
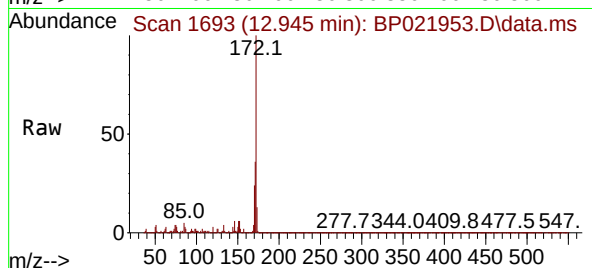
171 35.7 28.6 43.0

170 23.7 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/22/2024



#46

1,1'-Biphenyl

Concen: 48.693 ng

RT: 13.151 min Scan# 1728

Delta R.T. -0.006 min

Lab File: BP021953.D

Acq: 19 Sep 2024 16:21

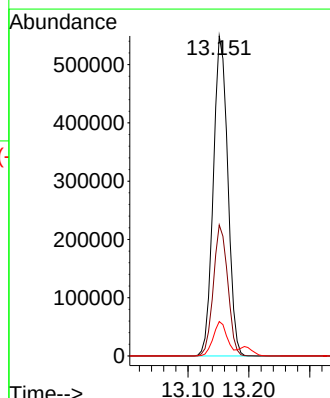
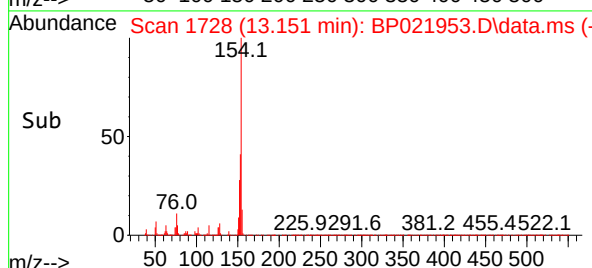
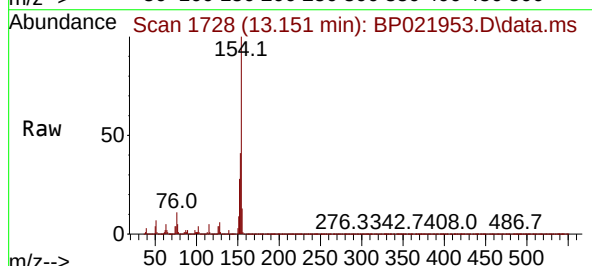
Tgt Ion:154 Resp: 905360

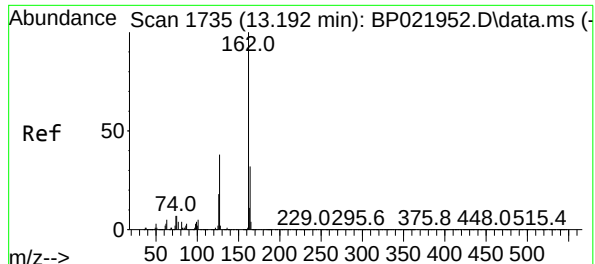
Ion Ratio Lower Upper

154 100

153 41.0 20.2 60.2

76 10.8 0.0 29.9





#47

2-Chloronaphthalene

Concen: 48.848 ng

RT: 13.193 min Scan# 1735

Delta R.T. 0.000 min

Lab File: BP021953.D

Acq: 19 Sep 2024 16:21

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:162 Resp: 73438

Ion Ratio Lower Upper

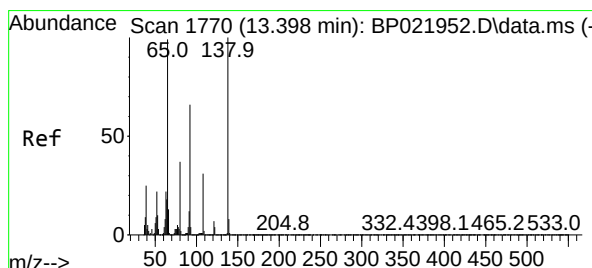
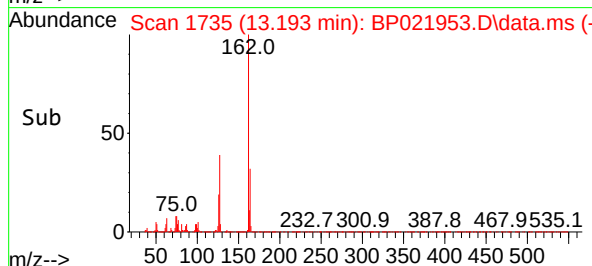
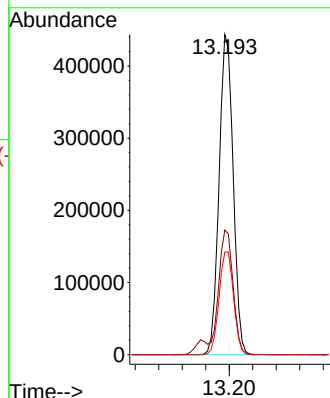
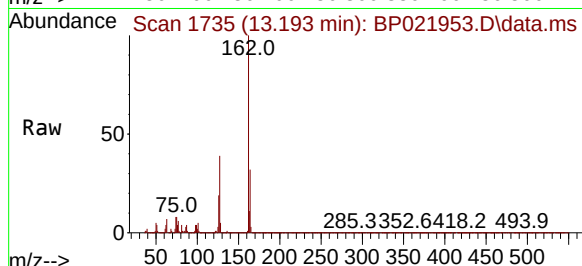
162 100

127 39.0 31.7 47.5

164 32.1 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#48

2-Nitroaniline

Concen: 52.334 ng

RT: 13.398 min Scan# 1770

Delta R.T. 0.000 min

Lab File: BP021953.D

Acq: 19 Sep 2024 16:21

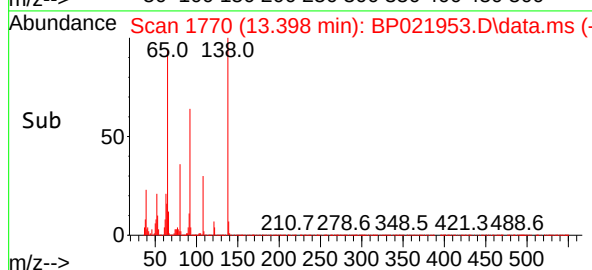
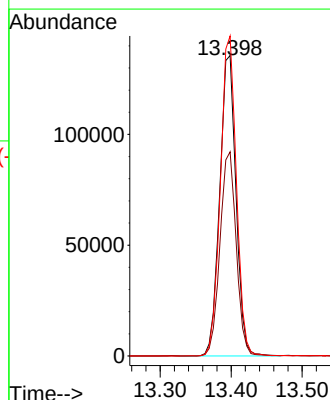
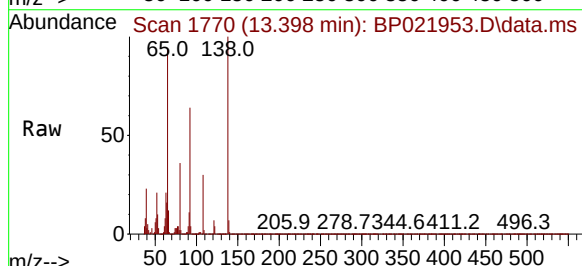
Tgt Ion: 65 Resp: 214843

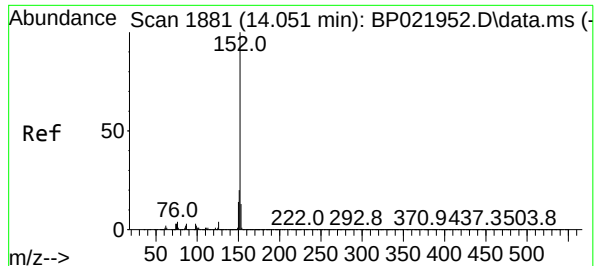
Ion Ratio Lower Upper

65 100

92 67.9 53.2 79.8

138 106.5 81.1 121.7





#49

Acenaphthylene

Concen: 50.413 ng

RT: 14.051 min Scan# 1881

Delta R.T. 0.000 min

Lab File: BP021953.D

Acq: 19 Sep 2024 16:21

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:152 Resp: 1069460

Ion Ratio Lower Upper

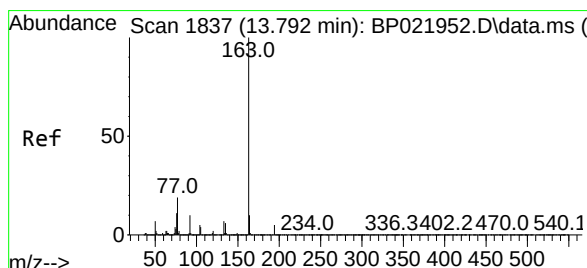
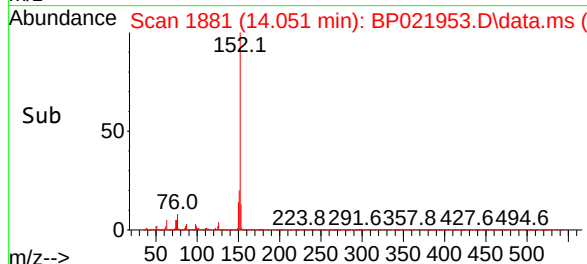
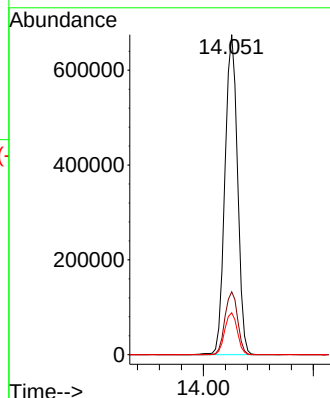
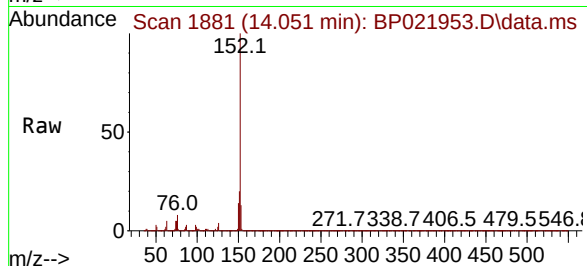
152 100

151 19.6 16.0 24.0

153 13.1 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#50

Dimethylphthalate

Concen: 49.445 ng

RT: 13.787 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BP021953.D

Acq: 19 Sep 2024 16:21

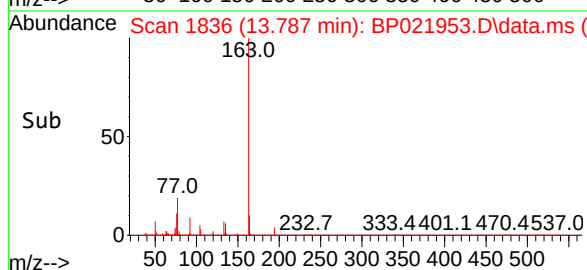
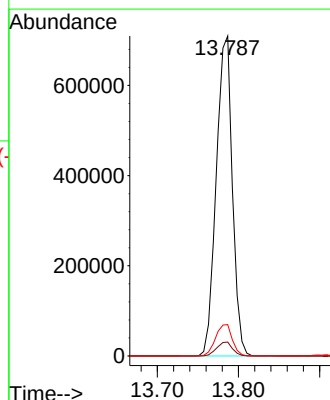
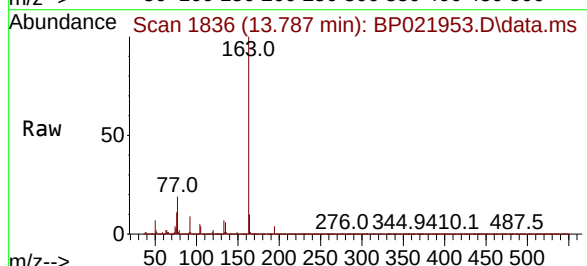
Tgt Ion:163 Resp: 977906

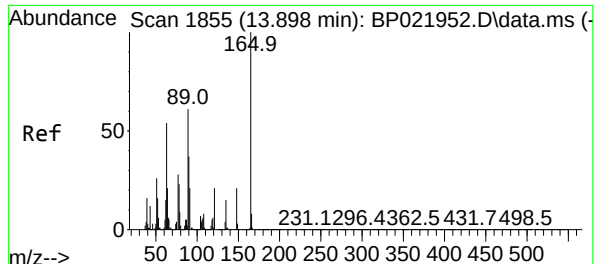
Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

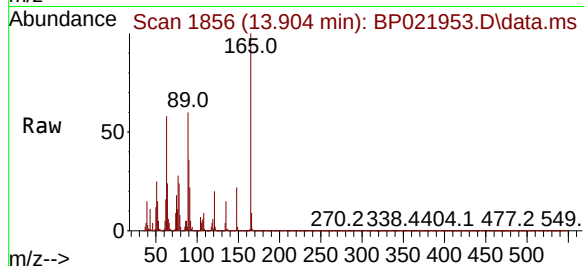
164 9.8 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 50.546 ng
RT: 13.904 min Scan# 1856
Delta R.T. 0.006 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

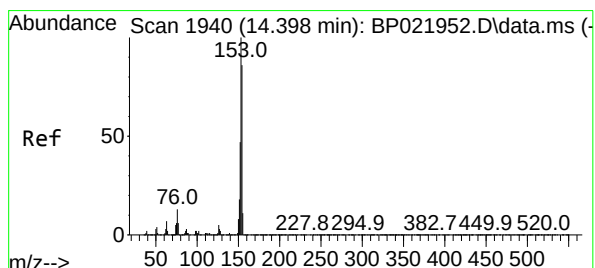
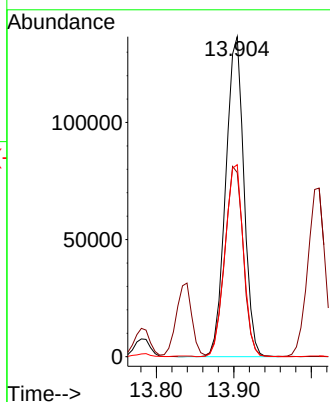
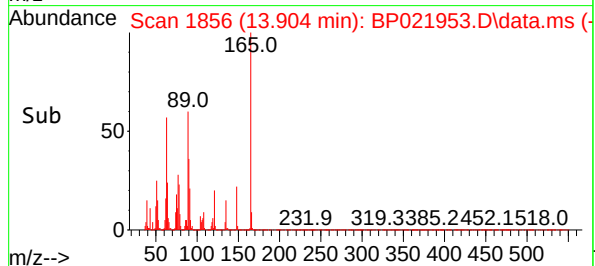
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:165 Resp: 222759
Ion Ratio Lower Upper
165 100
63 57.5 46.4 69.6
89 60.0 48.5 72.7

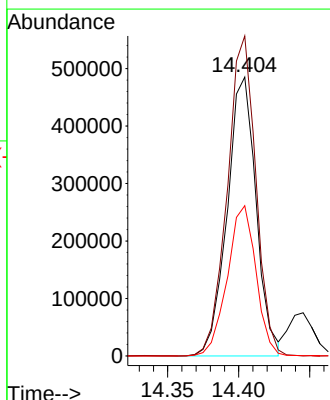
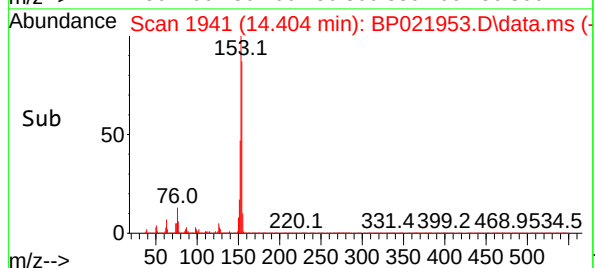
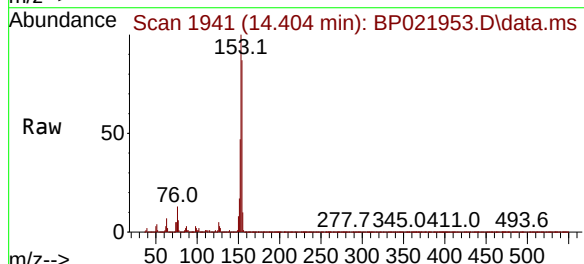
Manual Integrations
APPROVED

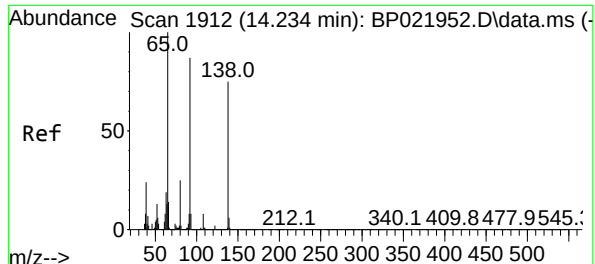
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#52
Acenaphthene
Concen: 49.792 ng
RT: 14.404 min Scan# 1941
Delta R.T. 0.006 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

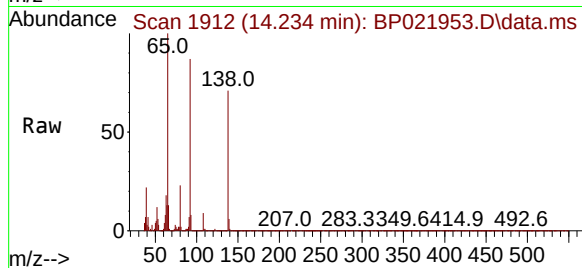
Tgt Ion:154 Resp: 687465
Ion Ratio Lower Upper
154 100
153 114.7 92.7 139.1
152 53.9 43.6 65.4





#53
3-Nitroaniline
Concen: 52.257 ng
RT: 14.234 min Scan# 1912
Delta R.T. 0.000 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

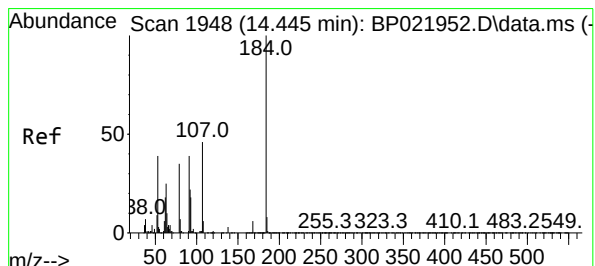
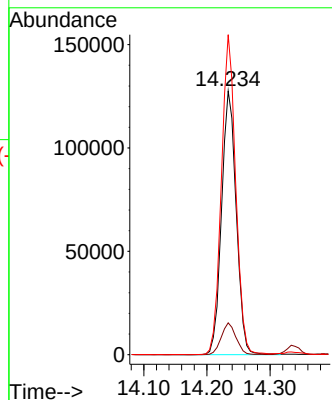
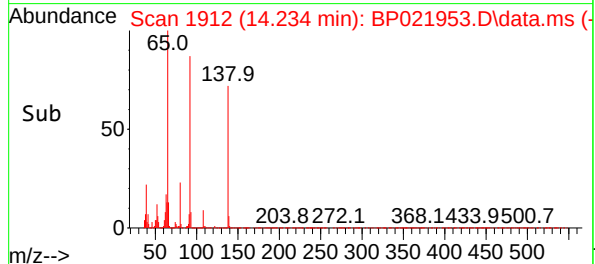
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:138 Resp: 205248
Ion Ratio Lower Upper
138 100
108 12.1 9.0 13.4
92 121.4 92.8 139.2

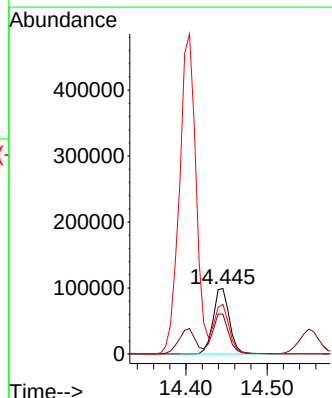
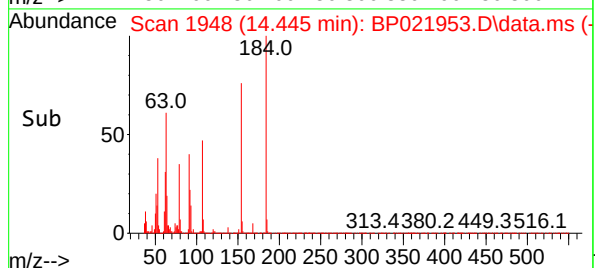
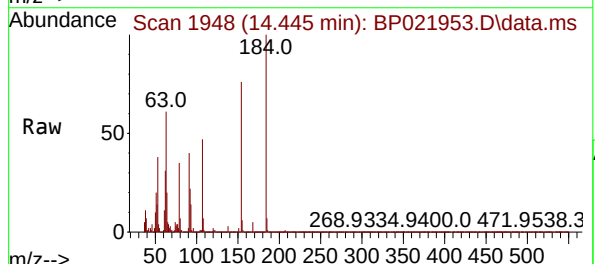
Manual Integrations
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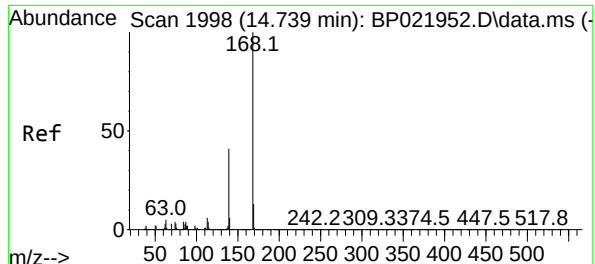
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#54
2,4-Dinitrophenol
Concen: 53.474 ng
RT: 14.445 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

Tgt Ion:184 Resp: 138077
Ion Ratio Lower Upper
184 100
63 60.9 49.0 73.6
154 75.9 58.1 87.1





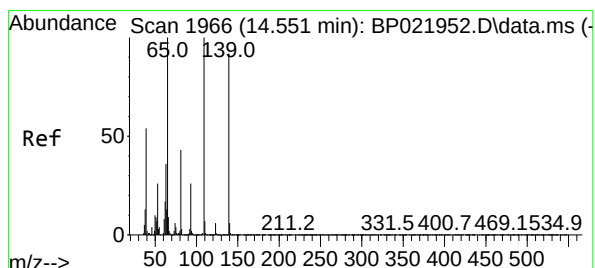
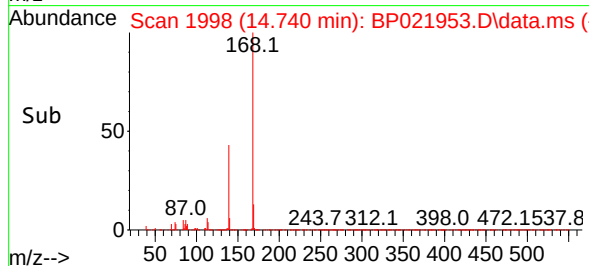
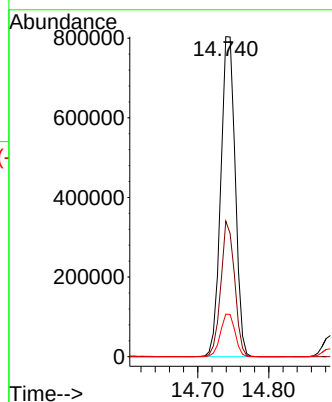
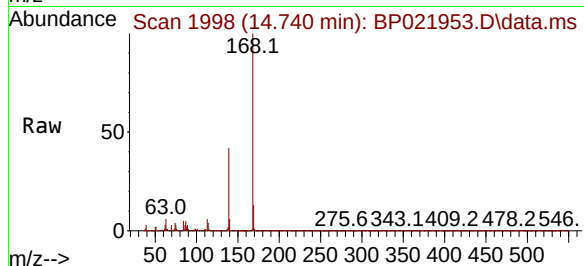
#55
Dibenzenofuran
Concen: 48.753 ng
RT: 14.740 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:168 Resp: 113142
Ion Ratio Lower Upper
168 100
139 42.4 33.0 49.4
169 13.3 10.7 16.1

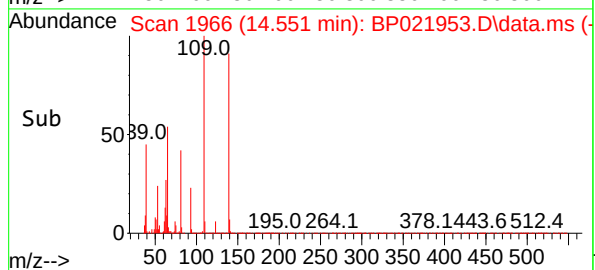
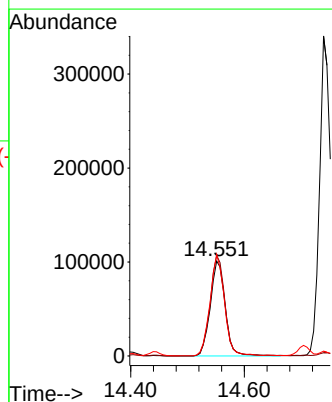
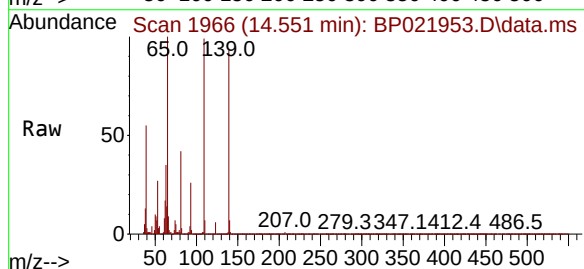
Manual Integrations
APPROVED

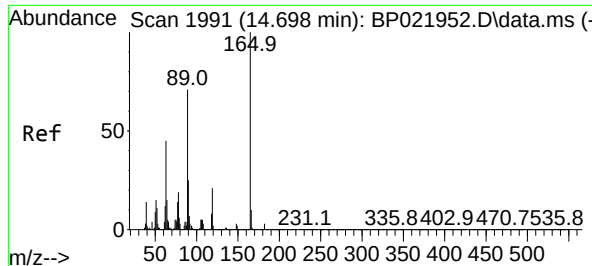
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#56
4-Nitrophenol
Concen: 53.511 ng
RT: 14.551 min Scan# 1966
Delta R.T. 0.000 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

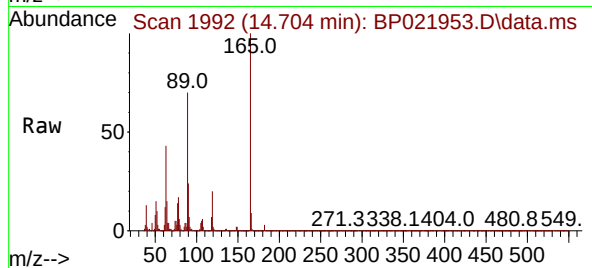
Tgt Ion:139 Resp: 182941
Ion Ratio Lower Upper
139 100
109 106.1 88.6 128.6
65 107.1 88.7 128.7





#57
2,4-Dinitrotoluene
Concen: 51.791 ng
RT: 14.704 min Scan# 1992
Delta R.T. 0.006 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

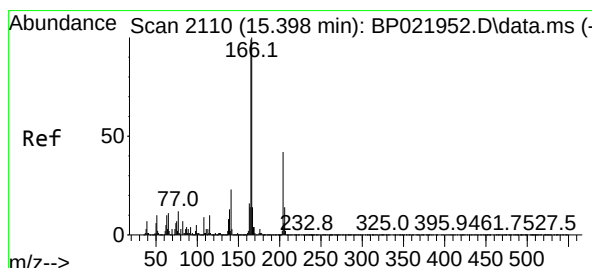
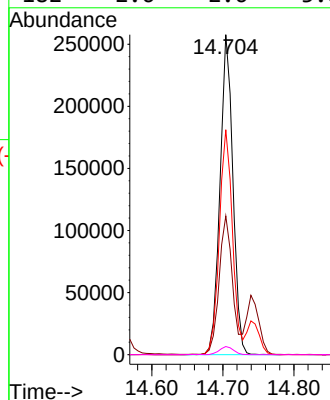
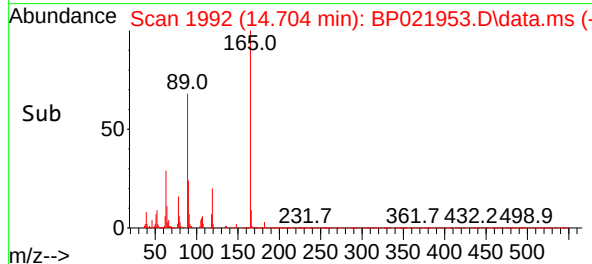
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:165 Resp: 322660
Ion Ratio Lower Upper
165 100
63 43.4 36.3 54.5
89 70.3 57.2 85.8
182 2.6 2.6 3.8

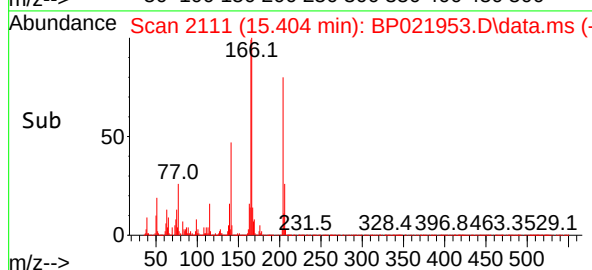
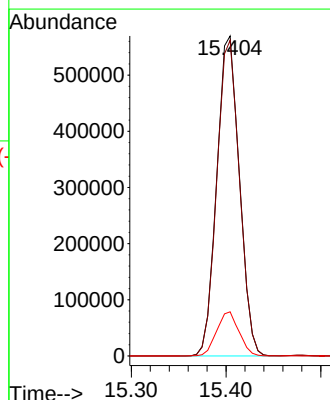
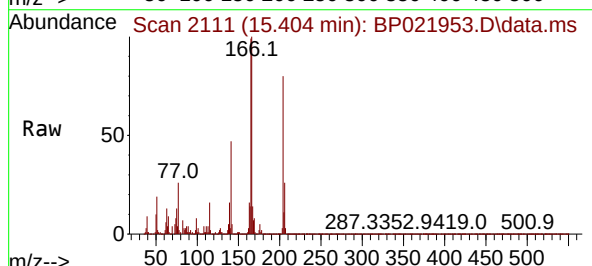
Manual Integrations
APPROVED

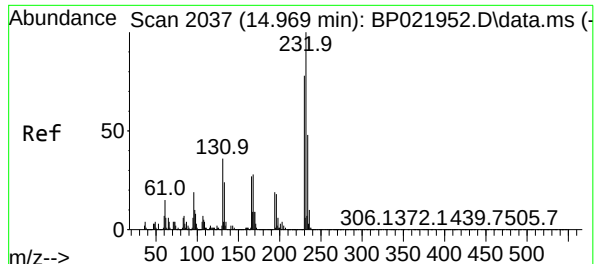
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#58
Fluorene
Concen: 48.842 ng
RT: 15.404 min Scan# 2111
Delta R.T. 0.006 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

Tgt Ion:166 Resp: 946566
Ion Ratio Lower Upper
166 100
165 98.7 79.4 119.2
167 13.8 10.9 16.3





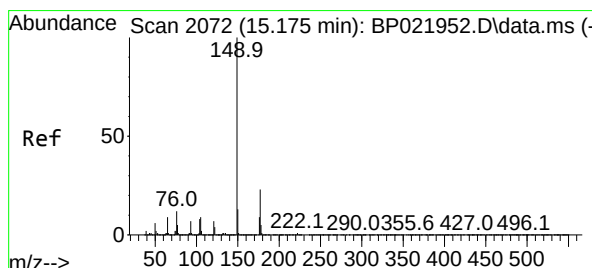
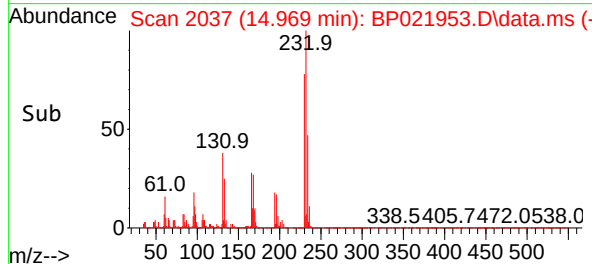
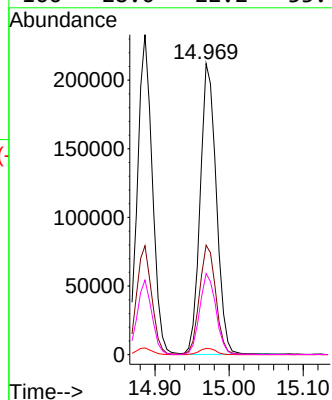
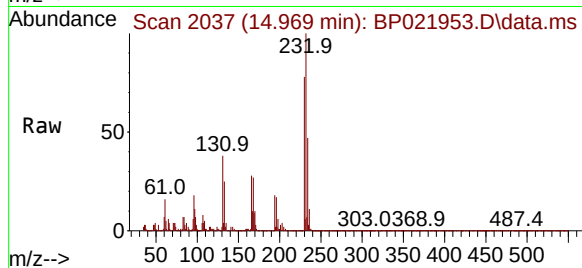
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.421 ng
RT: 14.969 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:232 Resp: 319659
Ion Ratio Lower Upper
232 100
131 38.1 30.2 45.4
130 2.3 1.9 2.9
166 28.0 22.2 33.4

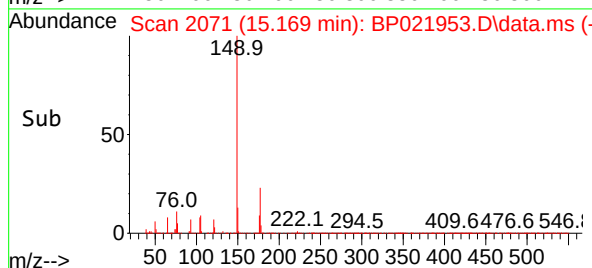
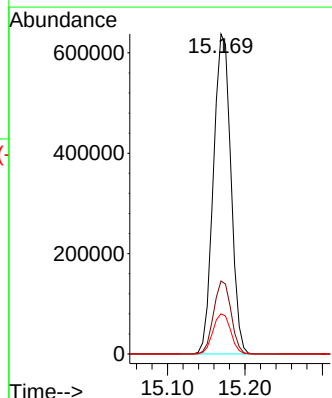
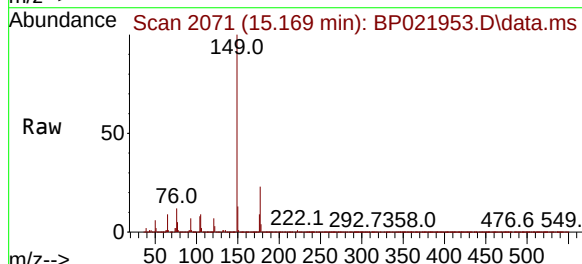
Manual Integrations
APPROVED

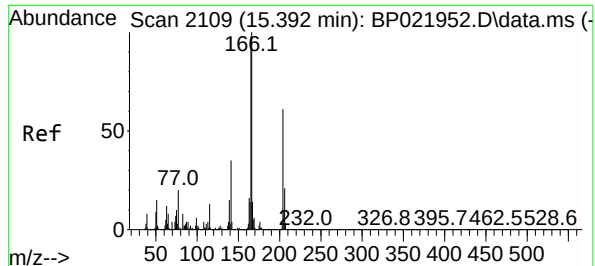
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#60
Diethylphthalate
Concen: 49.562 ng
RT: 15.169 min Scan# 2071
Delta R.T. -0.006 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

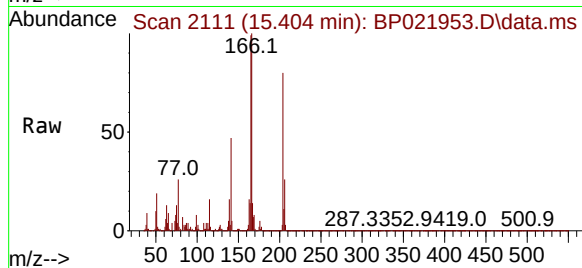
Tgt Ion:149 Resp: 996073
Ion Ratio Lower Upper
149 100
177 22.8 18.2 27.4
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 48.596 ng
RT: 15.404 min Scan# 2111
Delta R.T. 0.012 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

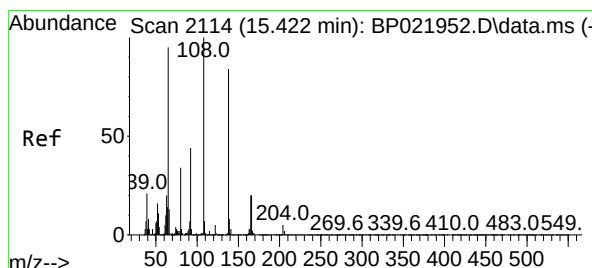
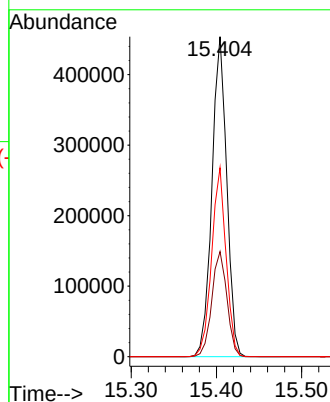
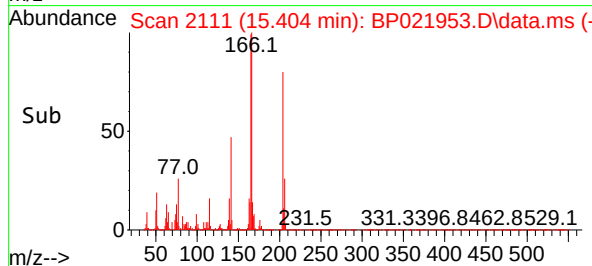
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:204 Resp: 54830
Ion Ratio Lower Upper
204 100
206 32.8 27.3 40.9
141 59.0 45.7 68.5

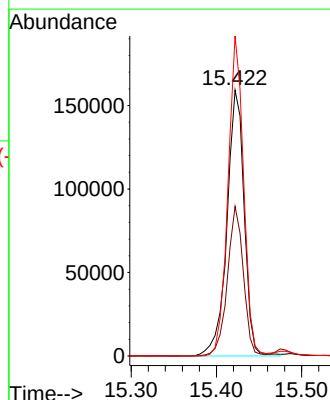
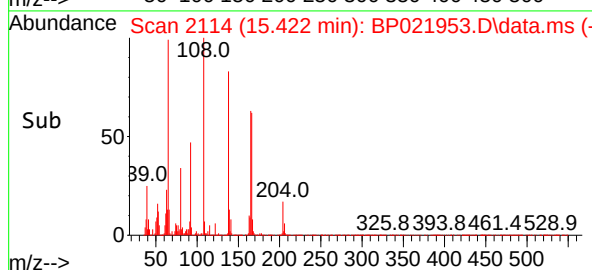
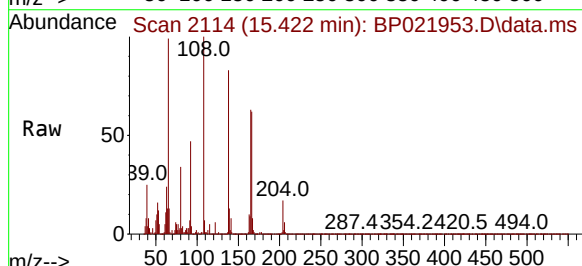
Manual Integrations
APPROVED

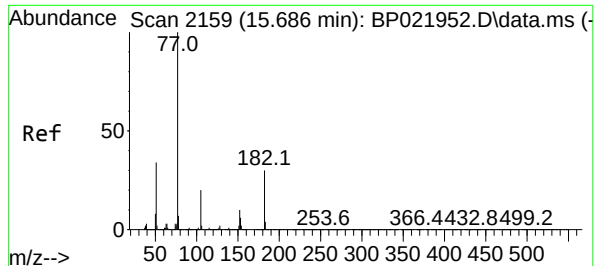
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#62
4-Nitroaniline
Concen: 52.185 ng
RT: 15.422 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

Tgt Ion:138 Resp: 223837
Ion Ratio Lower Upper
138 100
92 56.3 32.6 72.6
108 120.4 98.6 138.6





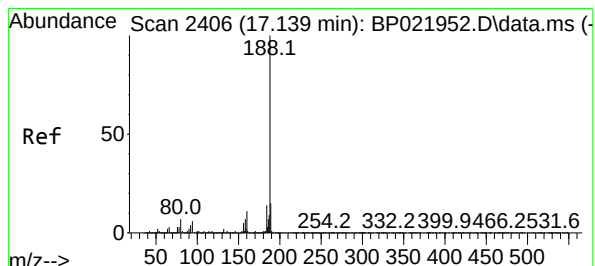
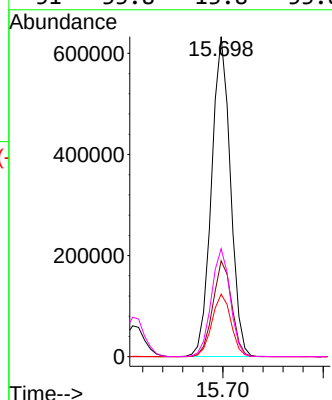
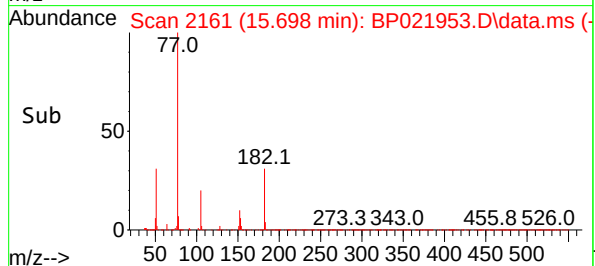
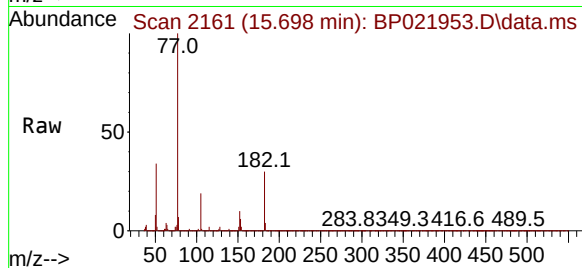
#63
Azobenzene
Concen: 49.739 ng
RT: 15.698 min Scan# 2159
Delta R.T. 0.012 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 827235
Ion Ratio Lower Upper
77 100
182 29.9 9.6 49.6
105 19.5 0.0 39.8
51 33.8 13.8 53.8

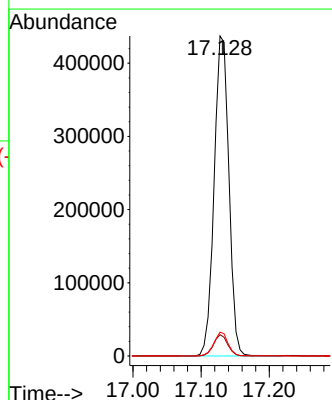
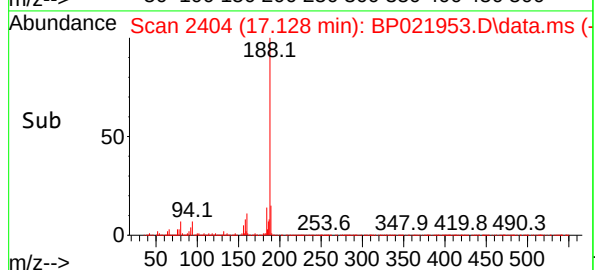
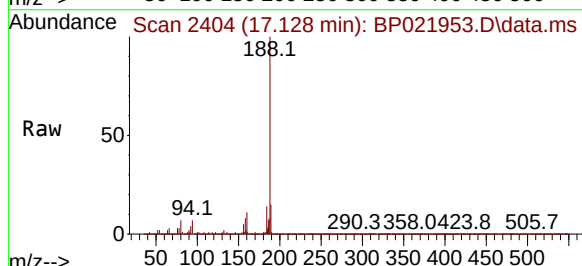
Manual Integrations
APPROVED

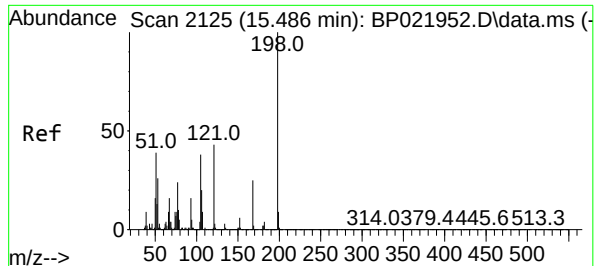
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.128 min Scan# 2404
Delta R.T. -0.012 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

Tgt Ion:188 Resp: 657917
Ion Ratio Lower Upper
188 100
94 6.7 4.6 6.8
80 7.5 5.4 8.2





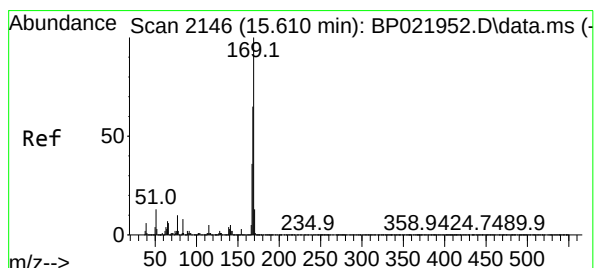
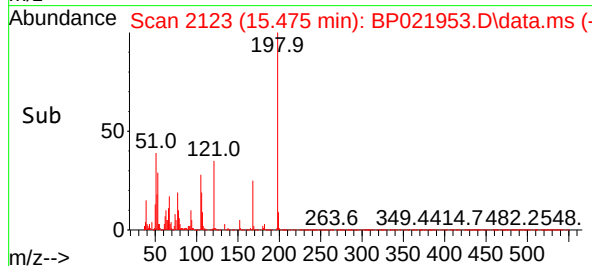
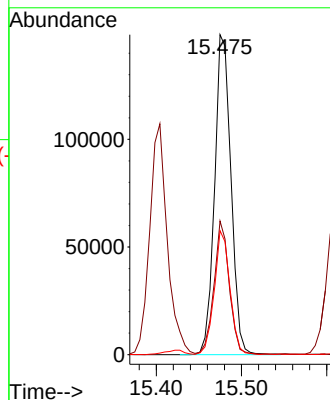
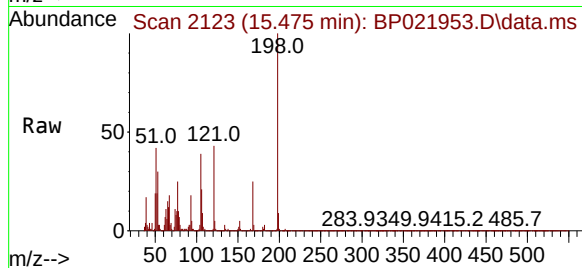
#65
4,6-Dinitro-2-methylphenol
Concen: 52.057 ng
RT: 15.475 min Scan# 2123
Delta R.T. -0.012 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:198 Resp: 19851
Ion Ratio Lower Upper
198 100
51 41.7 20.7 60.7
105 38.7 18.4 58.4

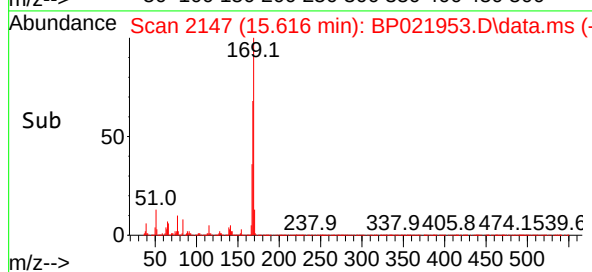
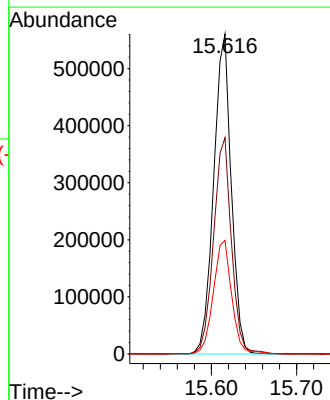
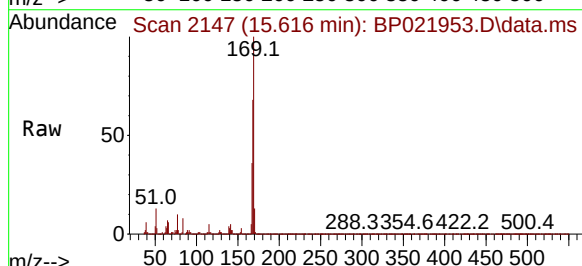
Manual Integrations
APPROVED

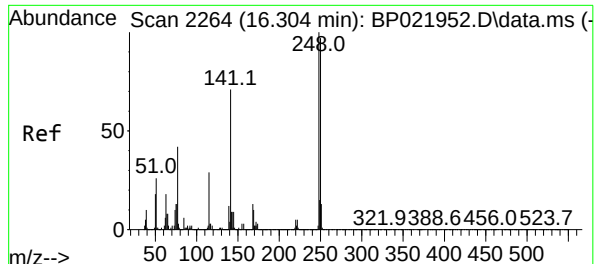
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#66
n-Nitrosodiphenylamine
Concen: 49.002 ng
RT: 15.616 min Scan# 2147
Delta R.T. 0.006 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

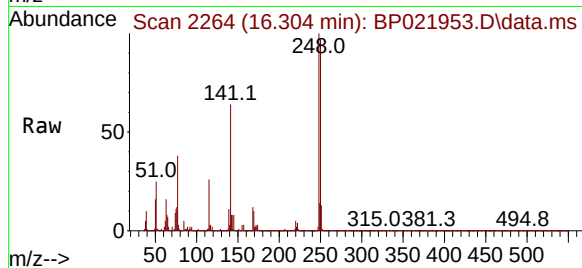
Tgt Ion:169 Resp: 802754
Ion Ratio Lower Upper
169 100
168 67.6 52.2 78.4
167 35.5 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 49.019 ng
RT: 16.304 min Scan# 2264
Delta R.T. 0.000 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

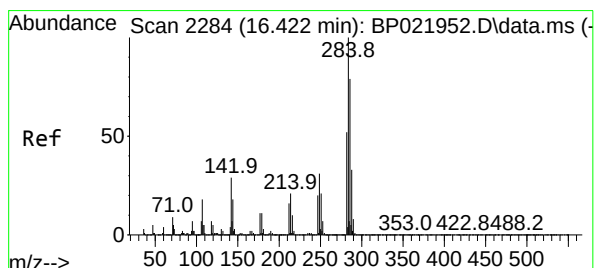
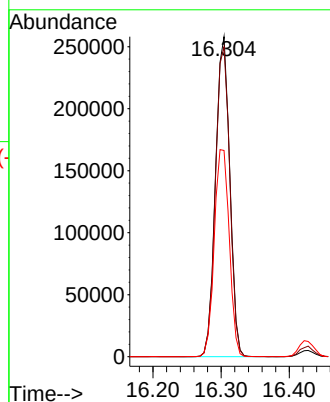
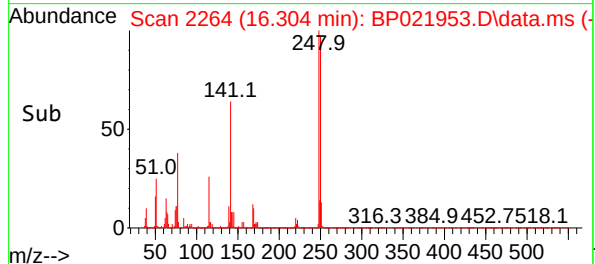
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:248 Resp: 37595
Ion Ratio Lower Upper
248 100
250 96.9 77.5 116.3
141 64.5 56.5 84.7

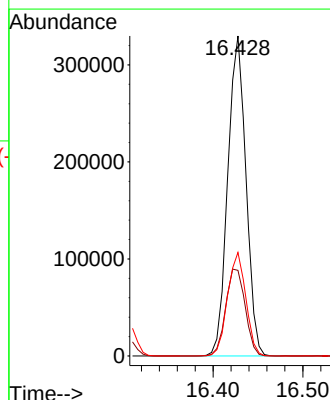
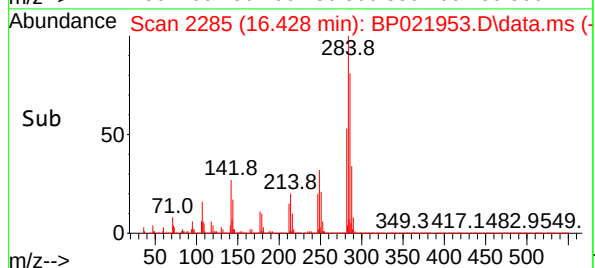
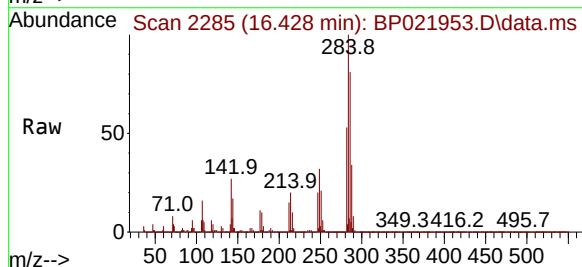
Manual Integrations
APPROVED

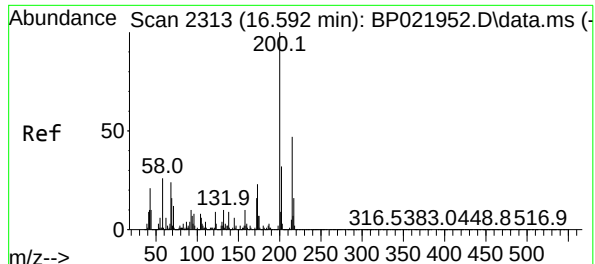
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#68
Hexachlorobenzene
Concen: 48.596 ng
RT: 16.428 min Scan# 2285
Delta R.T. 0.006 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

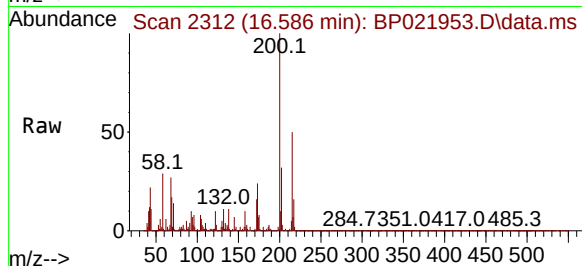
Tgt Ion:284 Resp: 464673
Ion Ratio Lower Upper
284 100
142 26.7 22.9 34.3
249 32.3 25.2 37.8





#69
Atrazine
Concen: 46.573 ng
RT: 16.586 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

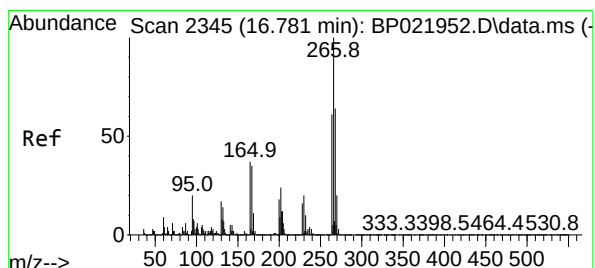
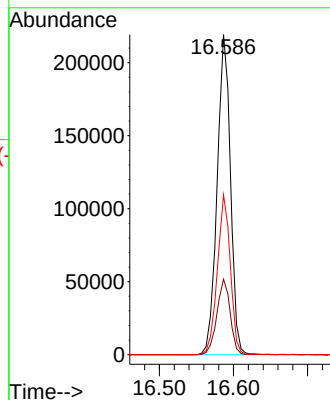
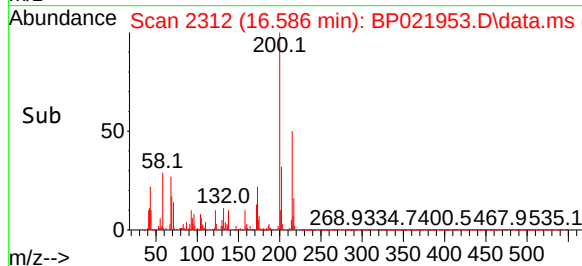
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:200 Resp: 273350
Ion Ratio Lower Upper
200 100
173 23.6 3.0 43.0
215 50.0 27.4 67.4

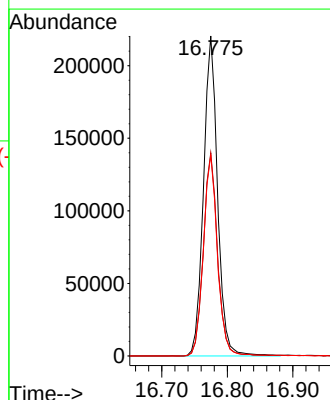
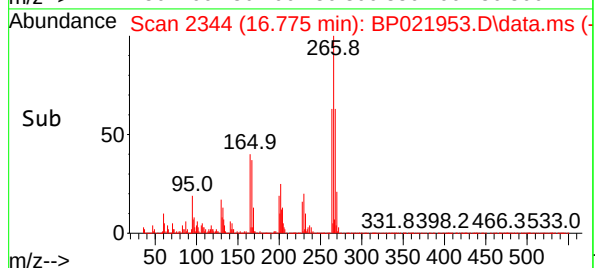
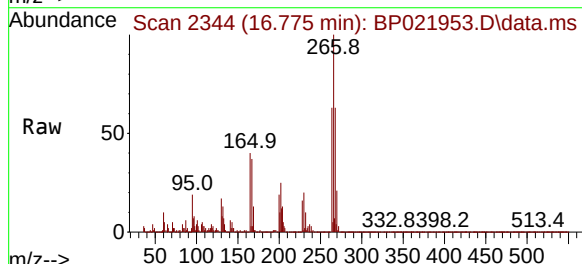
Manual Integrations
APPROVED

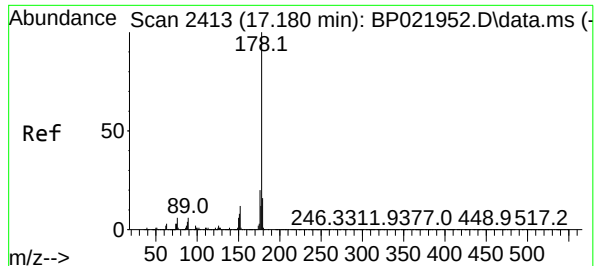
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#70
Pentachlorophenol
Concen: 51.283 ng
RT: 16.775 min Scan# 2344
Delta R.T. -0.006 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

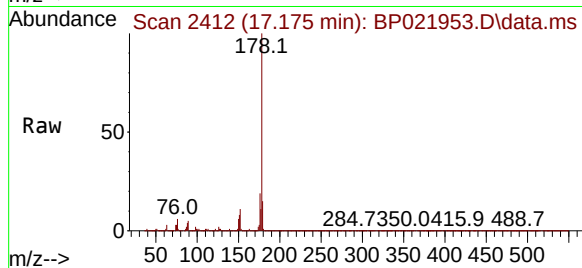
Tgt Ion:266 Resp: 329911
Ion Ratio Lower Upper
266 100
268 63.5 51.1 76.7
264 62.8 48.6 72.8





#71
Phenanthrene
Concen: 49.046 ng
RT: 17.175 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

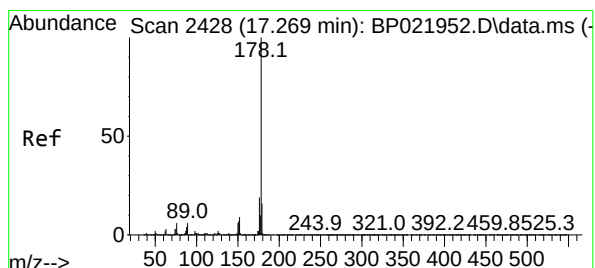
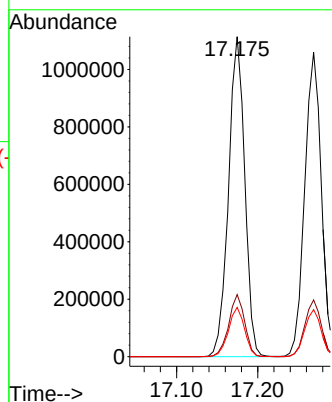
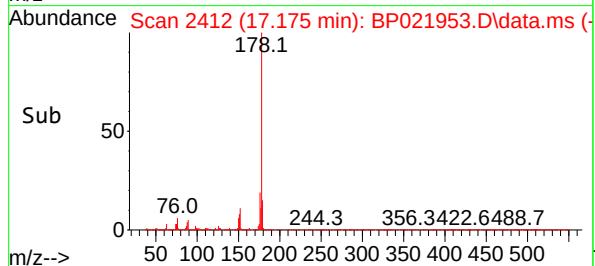
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:178 Resp: 1548998
Ion Ratio Lower Upper
178 100
176 19.4 15.9 23.9
179 15.4 12.5 18.7

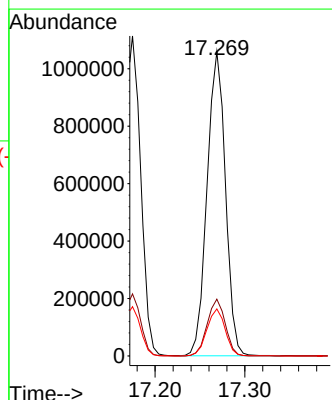
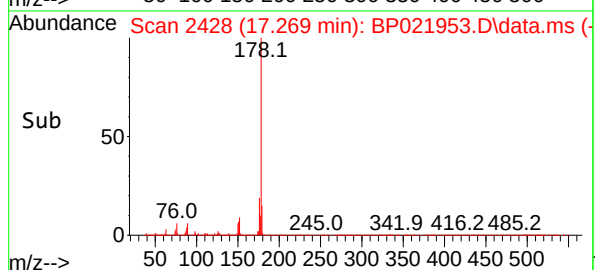
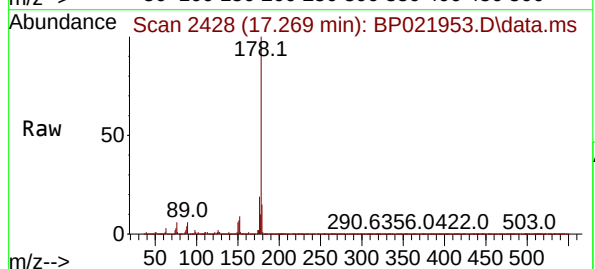
Manual Integrations
APPROVED

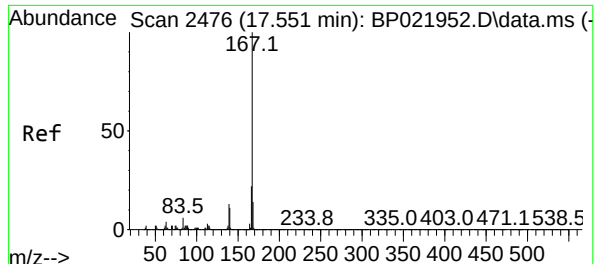
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#72
Anthracene
Concen: 49.292 ng
RT: 17.269 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

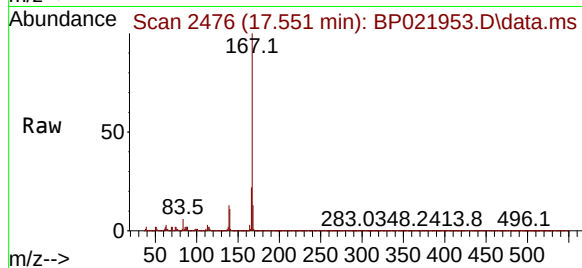
Tgt Ion:178 Resp: 1506985
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.5 12.6 18.8





#73
Carbazole
Concen: 48.920 ng
RT: 17.551 min Scan# 2476
Delta R.T. 0.000 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

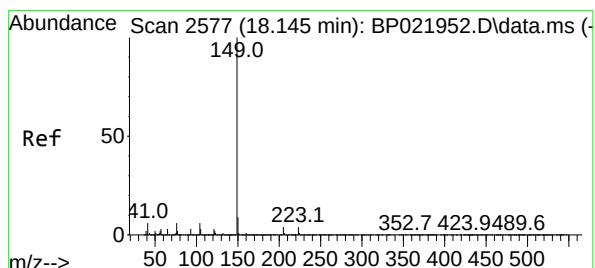
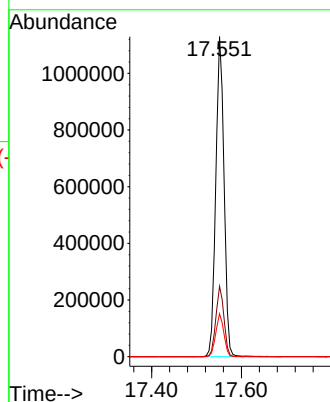
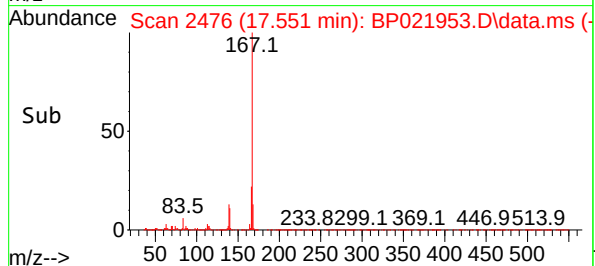
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:167 Resp: 1444504
Ion Ratio Lower Upper
167 100
166 22.0 17.4 26.0
139 13.4 10.5 15.7

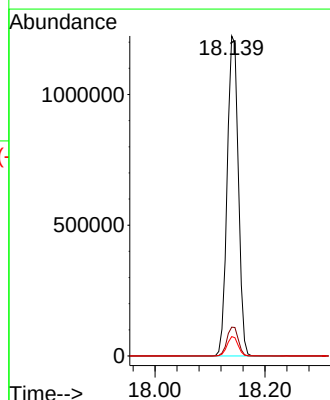
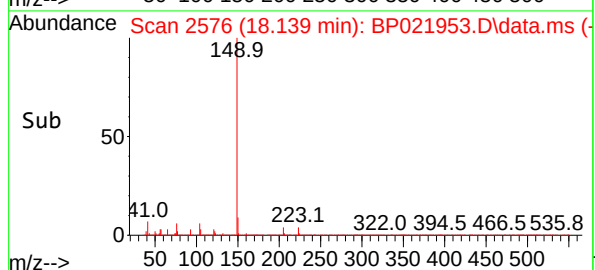
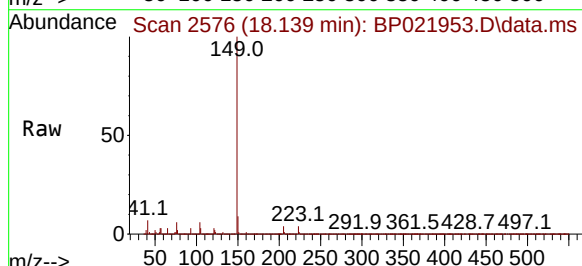
Manual Integrations
APPROVED

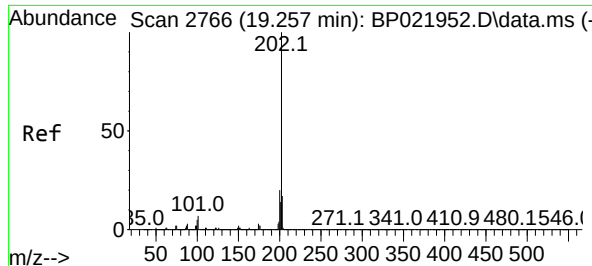
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#74
Di-n-butylphthalate
Concen: 49.518 ng
RT: 18.139 min Scan# 2576
Delta R.T. -0.006 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

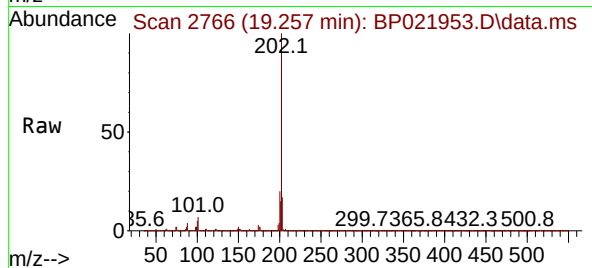
Tgt Ion:149 Resp: 1717295
Ion Ratio Lower Upper
149 100
150 9.0 7.3 10.9
104 6.0 4.6 6.8





#75
Fluoranthene
Concen: 48.642 ng
RT: 19.257 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

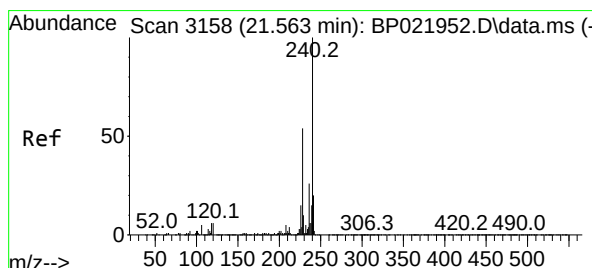
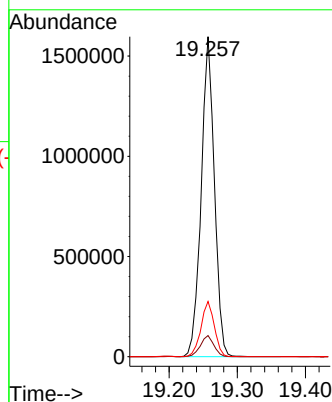
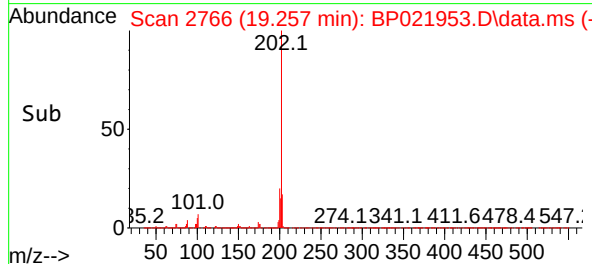
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:202 Resp: 2144249
Ion Ratio Lower Upper
202 100
101 6.6 0.0 26.5
203 17.2 0.0 37.3

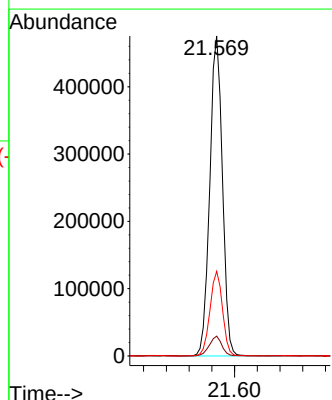
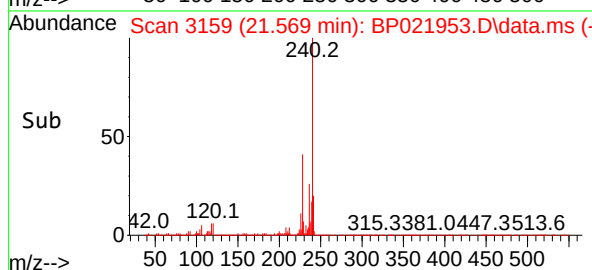
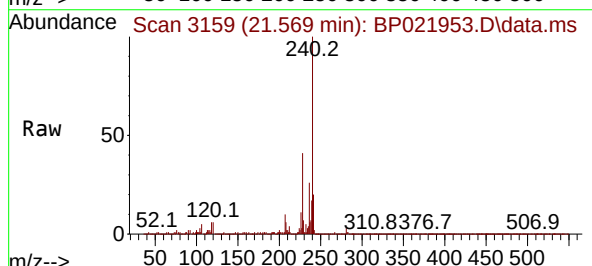
Manual Integrations
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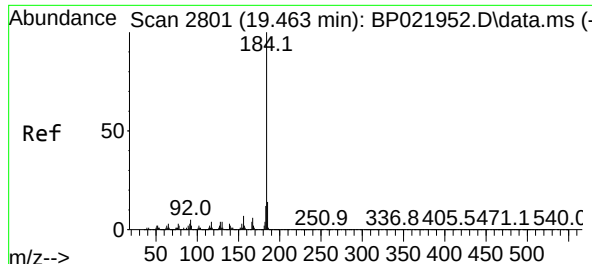
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.569 min Scan# 3159
Delta R.T. 0.006 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

Tgt Ion:240 Resp: 730708
Ion Ratio Lower Upper
240 100
120 6.2 5.1 7.7
236 26.5 20.7 31.1





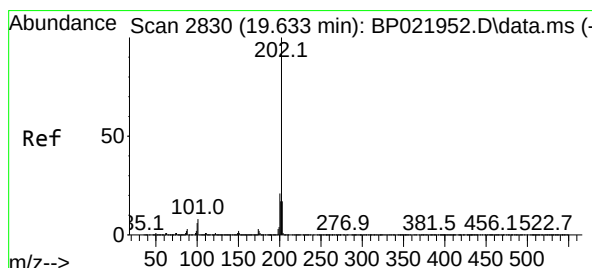
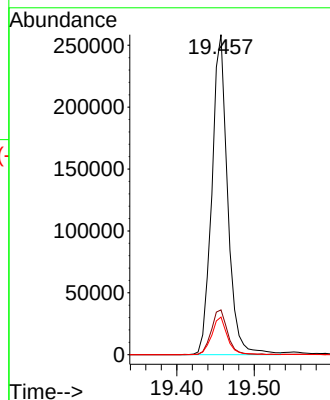
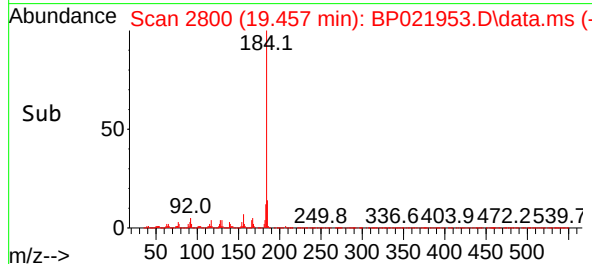
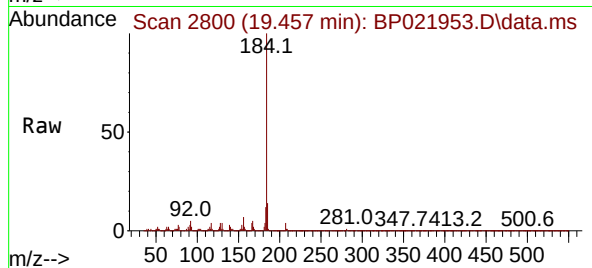
#77
Benzidine
Concen: 41.112 ng
RT: 19.457 min Scan# 2800
Delta R.T. -0.006 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:184 Resp: 367111
Ion Ratio Lower Upper
184 100
185 14.0 10.9 16.3
183 11.7 9.2 13.8

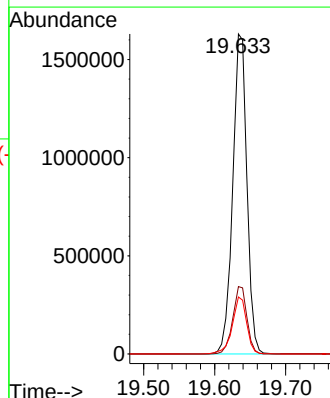
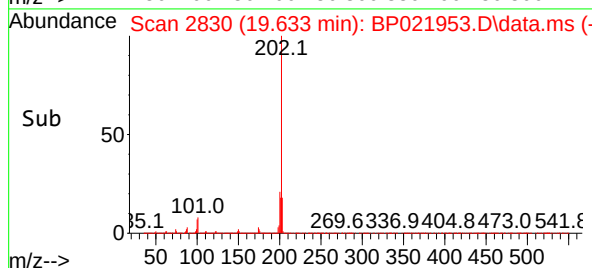
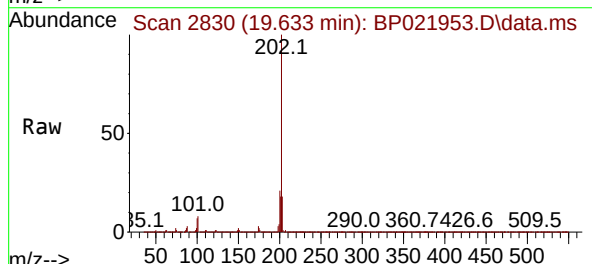
Manual Integrations
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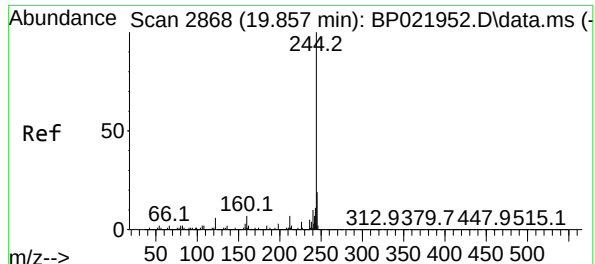
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#78
Pyrene
Concen: 51.117 ng
RT: 19.633 min Scan# 2830
Delta R.T. 0.000 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

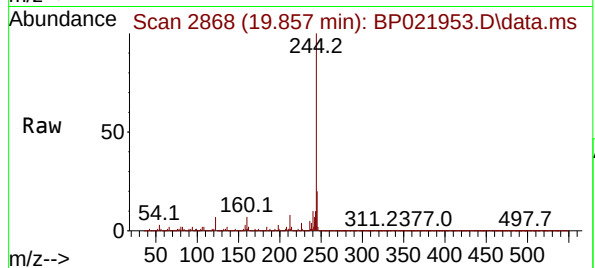
Tgt Ion:202 Resp: 2259535
Ion Ratio Lower Upper
202 100
200 21.1 16.8 25.2
203 17.8 13.8 20.8





#79
Terphenyl-d14
Concen: 99.313 ng
RT: 19.857 min Scan# 2868
Delta R.T. 0.000 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

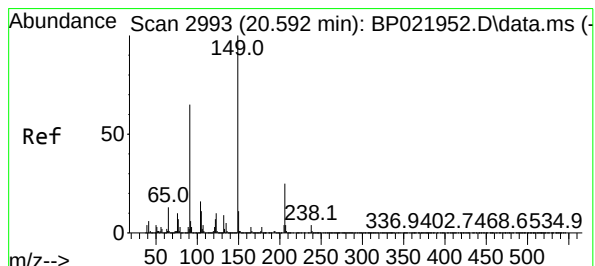
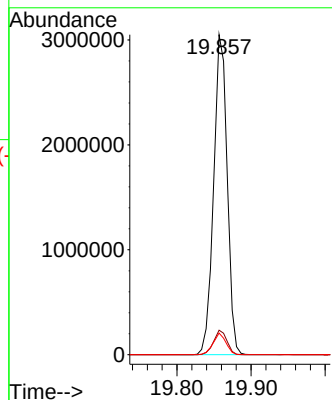
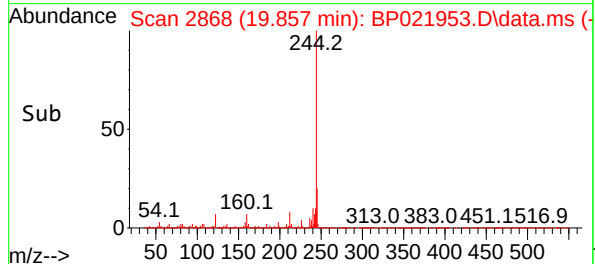
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



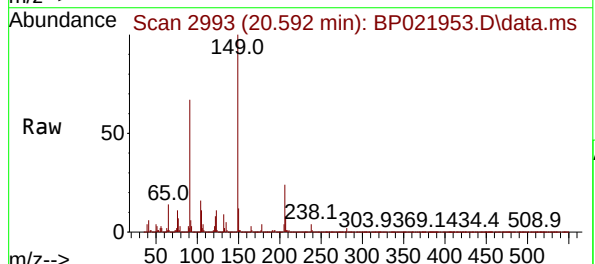
Tgt Ion:244 Resp: 386317
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 6.8 5.0 7.4

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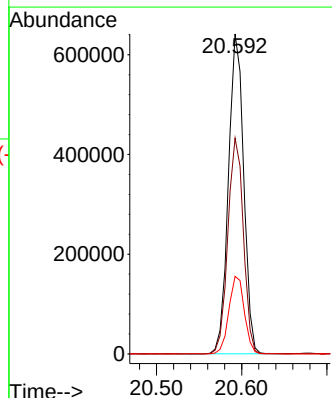
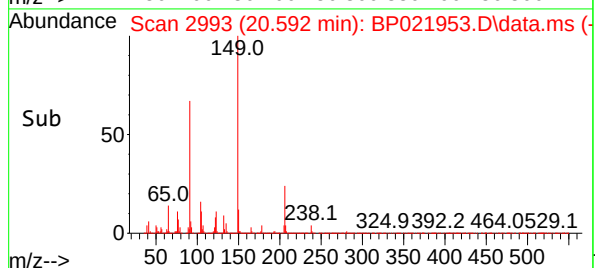
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

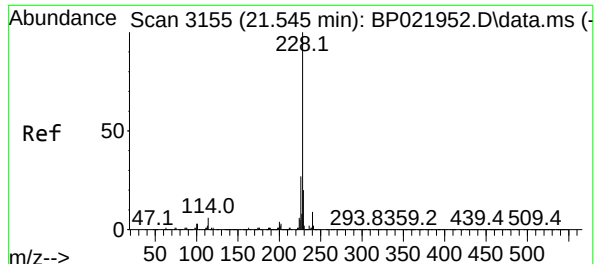


#80
Butylbenzylphthalate
Concen: 50.740 ng
RT: 20.592 min Scan# 2993
Delta R.T. 0.000 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21



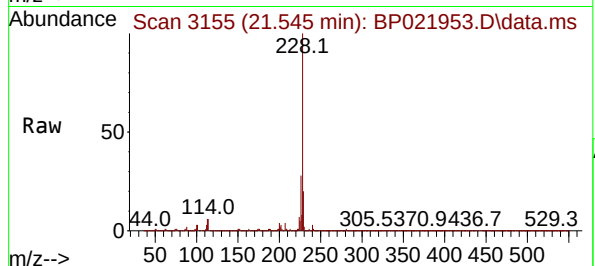
Tgt Ion:149 Resp: 799959
Ion Ratio Lower Upper
149 100
91 67.4 51.9 77.9
206 24.3 20.1 30.1





#81
Benzo(a)anthracene
Concen: 49.217 ng
RT: 21.545 min Scan# 3155
Delta R.T. 0.000 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

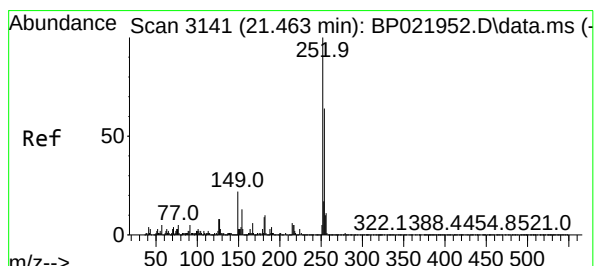
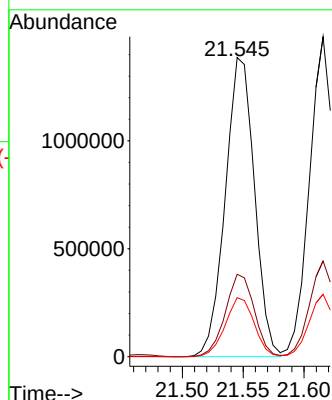
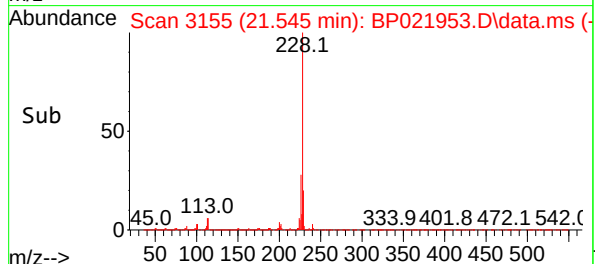
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:228 Resp: 231090
Ion Ratio Lower Upper
228 100
226 27.5 21.5 32.3
229 19.7 15.7 23.5

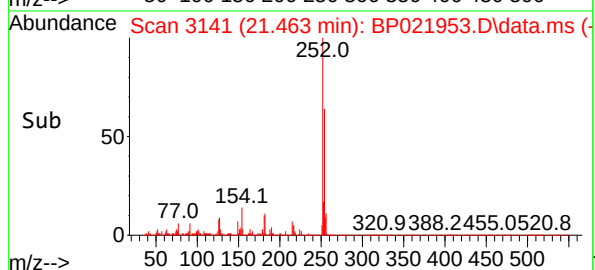
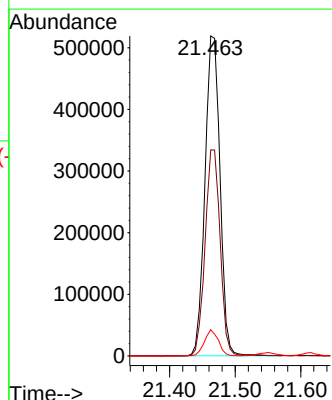
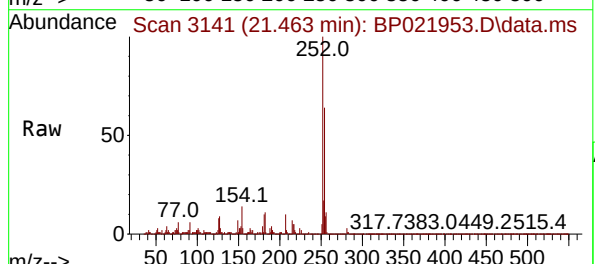
Manual Integrations
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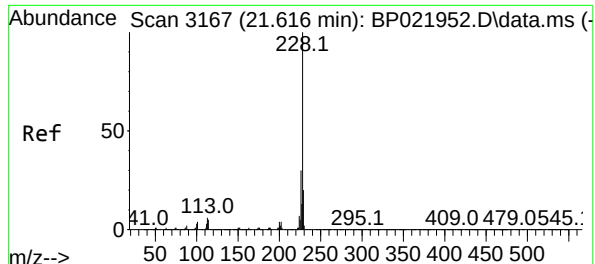
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#82
3,3'-Dichlorobenzidine
Concen: 48.722 ng
RT: 21.463 min Scan# 3141
Delta R.T. 0.000 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

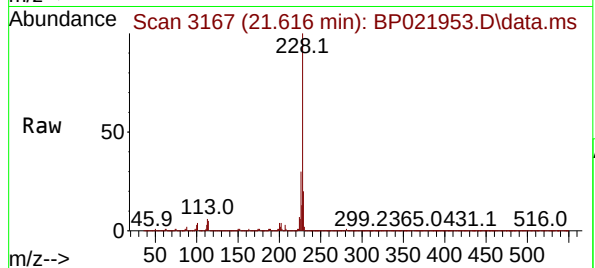
Tgt Ion:252 Resp: 830014
Ion Ratio Lower Upper
252 100
254 64.4 51.4 77.2
126 8.2 6.2 9.4





#83
Chrysene
Concen: 49.023 ng
RT: 21.616 min Scan# 3167
Delta R.T. 0.000 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

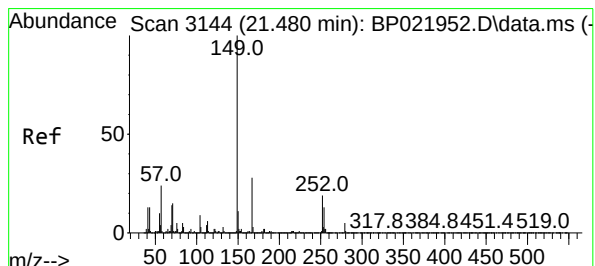
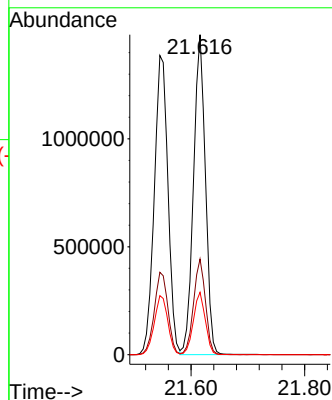
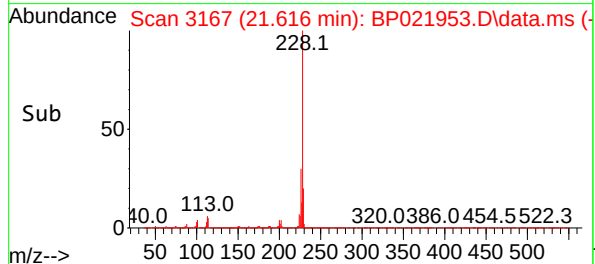
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:228 Resp: 2167210
Ion Ratio Lower Upper
228 100
226 29.9 24.2 36.4
229 19.5 15.7 23.5

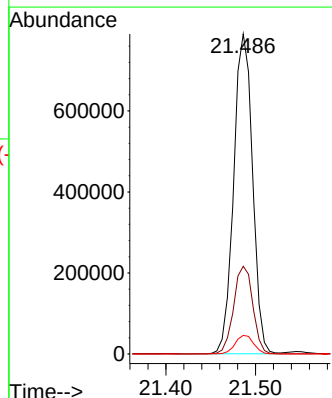
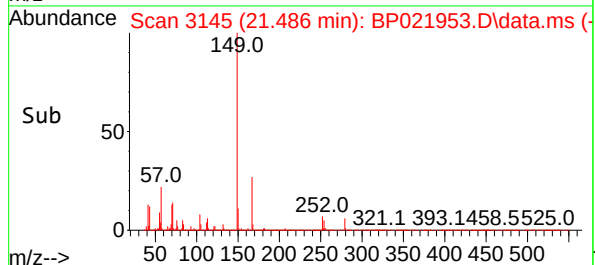
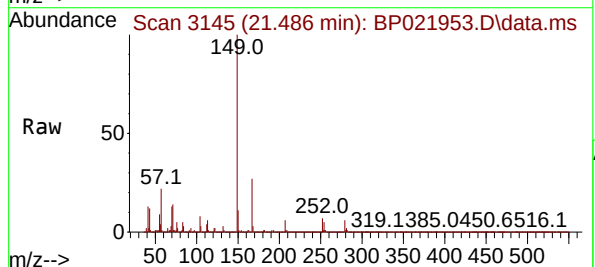
Manual Integrations
APPROVED

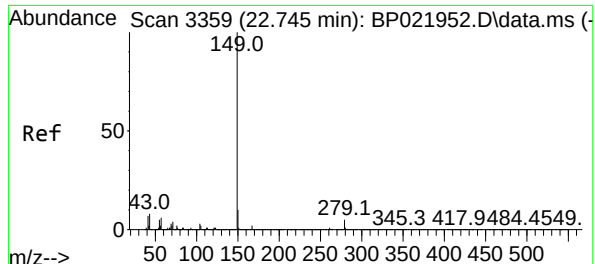
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.750 ng
RT: 21.486 min Scan# 3145
Delta R.T. 0.006 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

Tgt Ion:149 Resp: 1151176
Ion Ratio Lower Upper
149 100
167 27.4 22.3 33.5
279 5.8 4.2 6.2





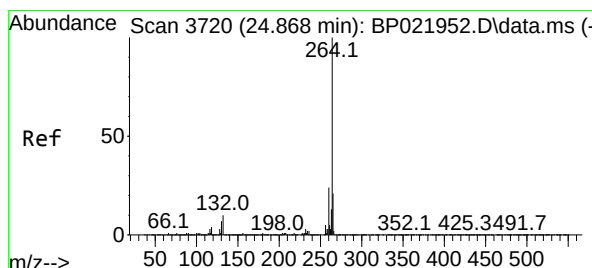
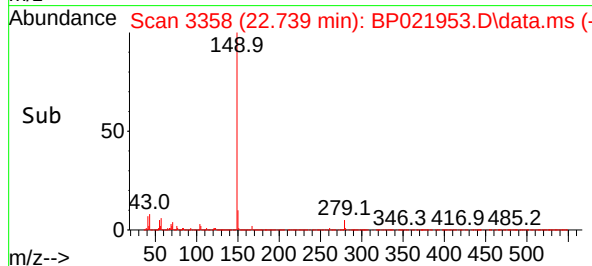
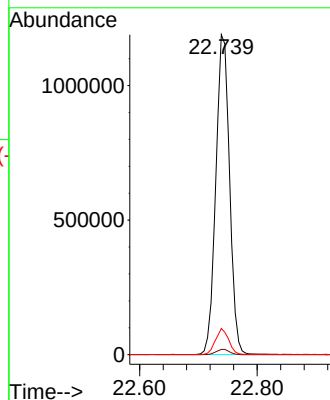
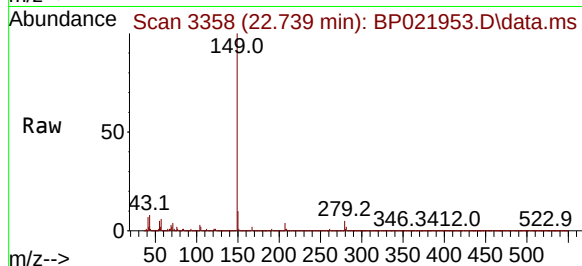
#85
Di-n-octyl phthalate
Concen: 49.039 ng
RT: 22.739 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:149 Resp: 192725
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 7.8 6.2 9.4

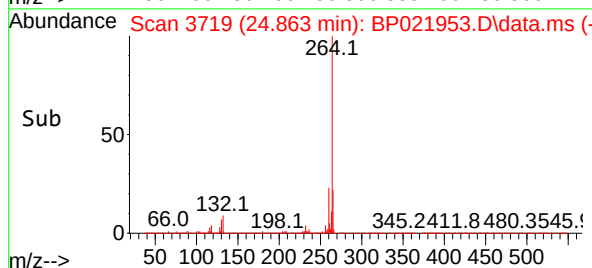
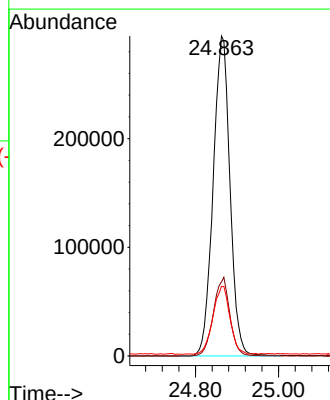
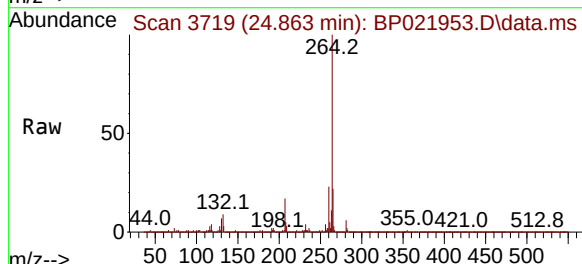
Manual Integrations
APPROVED

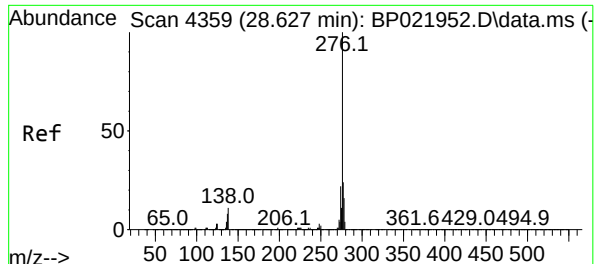
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.863 min Scan# 3719
Delta R.T. -0.006 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

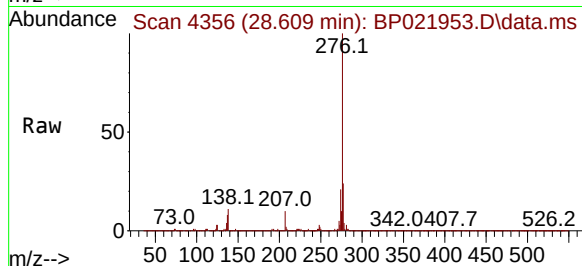
Tgt Ion:264 Resp: 828238
Ion Ratio Lower Upper
264 100
260 23.2 18.9 28.3
265 21.7 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.121 ng
RT: 28.609 min Scan# 41
Delta R.T. -0.018 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

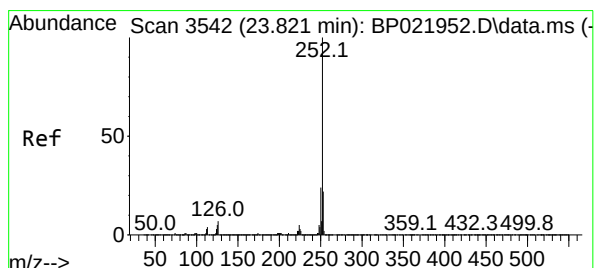
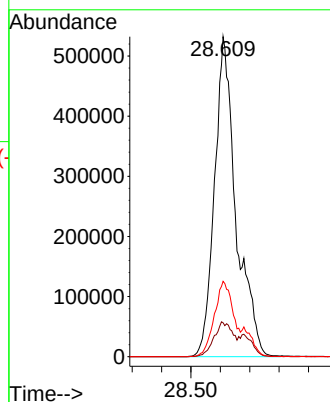
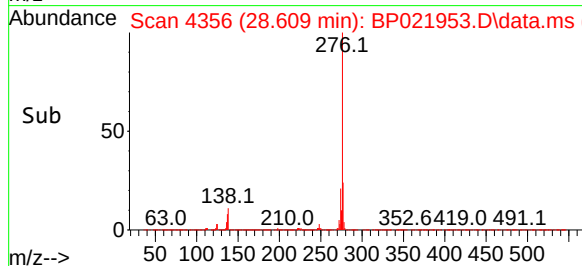
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 276 Resp: 2705874
Ion Ratio Lower Upper
276 100
138 9.5 7.8 11.8
277 20.8 20.5 30.7

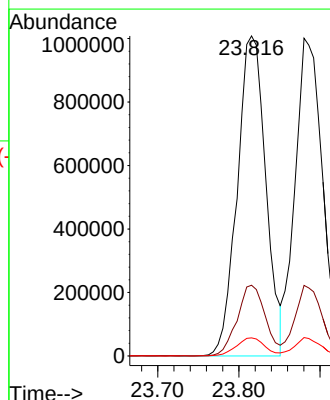
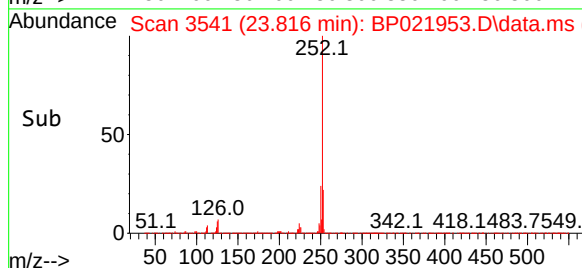
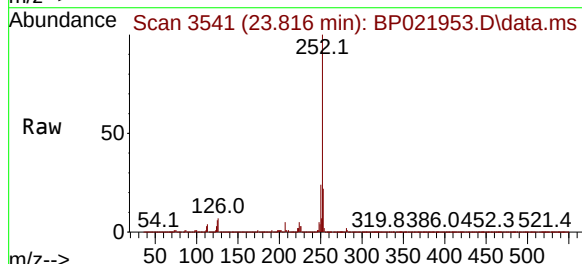
Manual Integrations
APPROVED

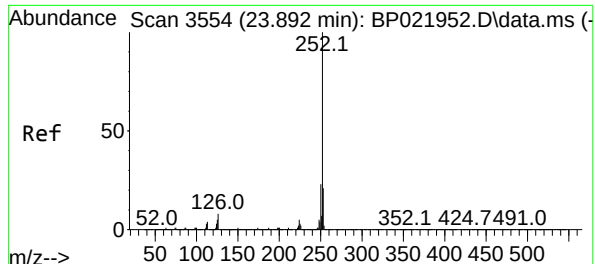
Reviewed By : Jagrut Upadhyay 09/20/2024
Supervised By : mohammad ahmed 09/22/2024



#88
Benzo(b)fluoranthene
Concen: 50.290 ng
RT: 23.816 min Scan# 3541
Delta R.T. -0.006 min
Lab File: BP021953.D
Acq: 19 Sep 2024 16:21

Tgt Ion: 252 Resp: 2463331
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 5.6 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 50.421 ng

RT: 23.880 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP021953.D

Acq: 19 Sep 2024 16:21

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:252 Resp: 233725

Ion Ratio Lower Upper

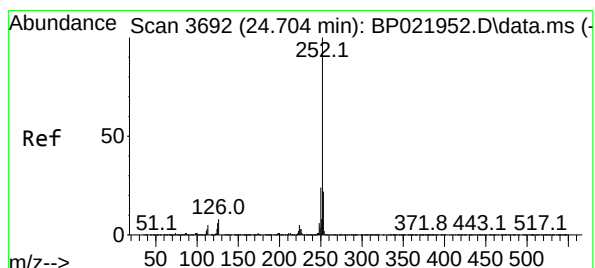
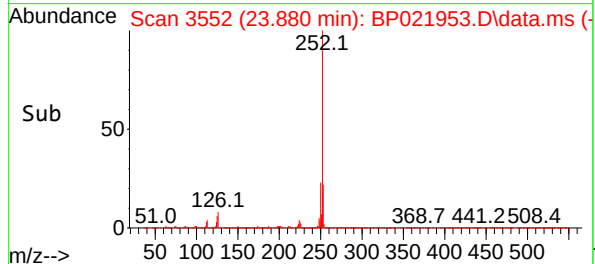
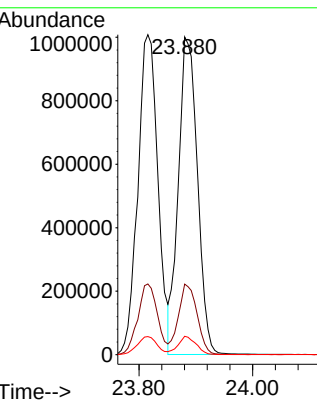
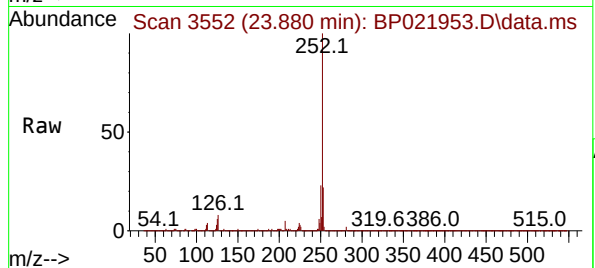
252 100

253 22.2 17.0 25.6

125 5.8 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#90

Benzo(a)pyrene

Concen: 50.761 ng

RT: 24.710 min Scan# 3693

Delta R.T. 0.006 min

Lab File: BP021953.D

Acq: 19 Sep 2024 16:21

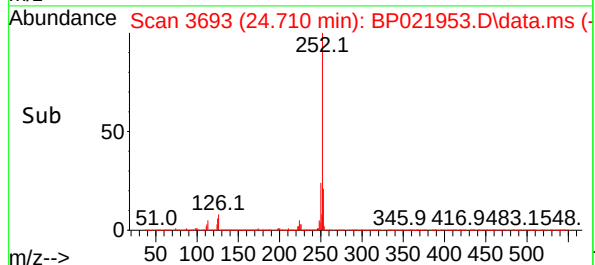
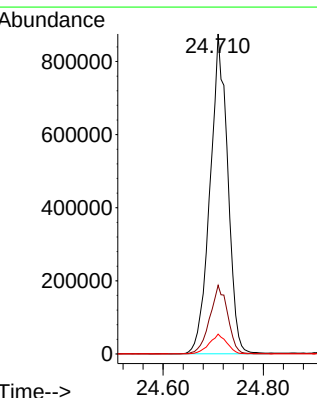
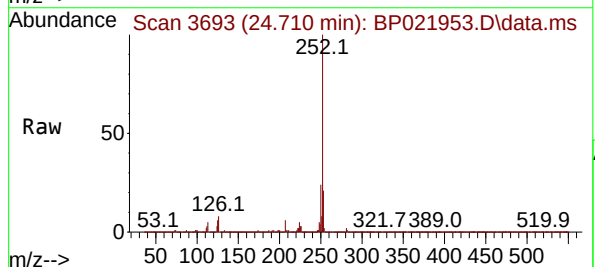
Tgt Ion:252 Resp: 2141939

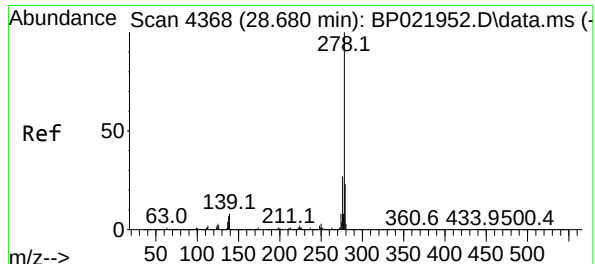
Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

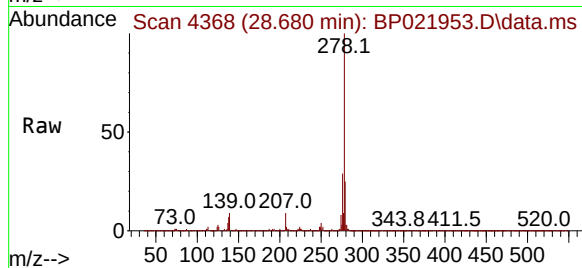
125 6.2 5.0 7.6





#91
 Dibenzo(a,h)anthracene
 Concen: 48.198 ng
 RT: 28.680 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: BP021953.D
 Acq: 19 Sep 2024 16:21

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

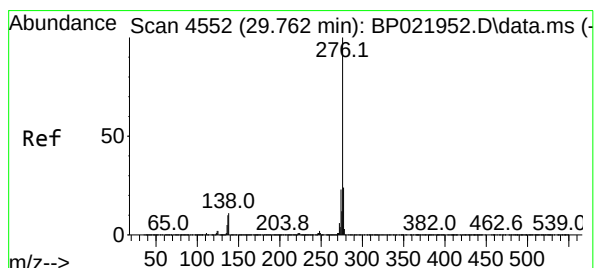
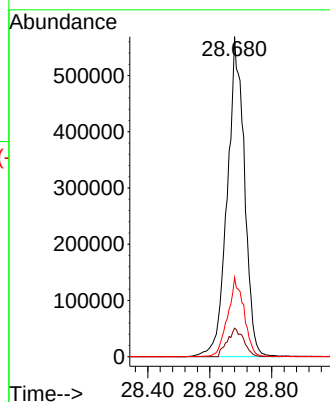
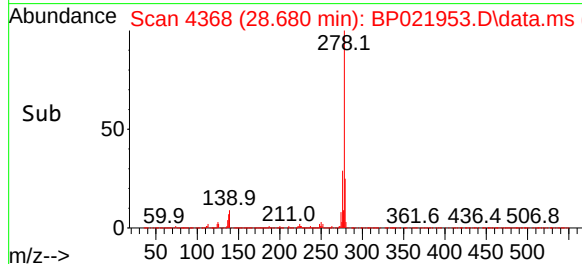


Tgt Ion: 278 Resp: 2191264

Ion	Ratio	Lower	Upper
278	100		
139	8.9	6.6	10.0
279	24.8	18.8	28.2

Manual Integrations
 APPROVED

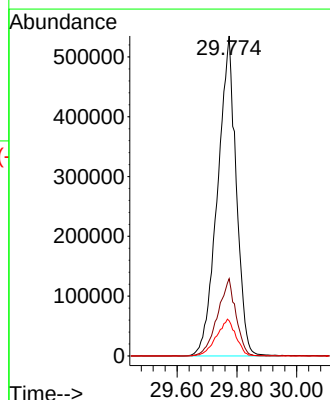
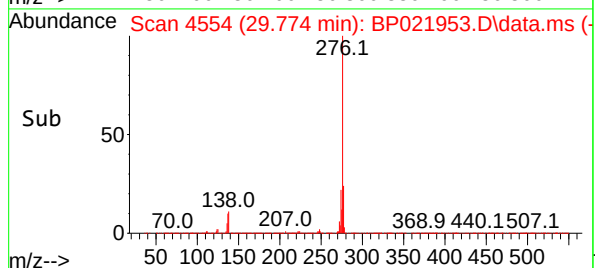
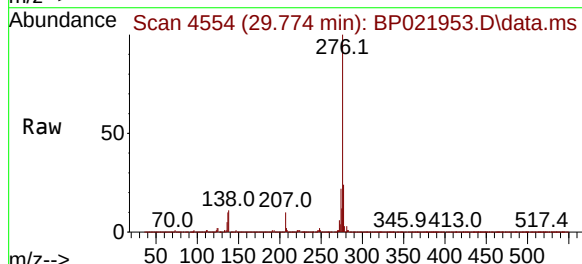
Reviewed By : Jagrut Upadhyay 09/20/2024
 Supervised By : mohammad ahmed 09/22/2024



#92
 Benzo(g,h,i)perylene
 Concen: 49.564 ng
 RT: 29.774 min Scan# 4554
 Delta R.T. 0.012 min
 Lab File: BP021953.D
 Acq: 19 Sep 2024 16:21

Tgt Ion: 276 Resp: 2308208

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.3	28.9
138	11.0	9.2	13.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091924\
 Data File : BP021954.D
 Acq On : 19 Sep 2024 17:02
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 20 01:05:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 00:59:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	112863	20.000	ng	0.00
21) Naphthalene-d8	10.487	136	436132	20.000	ng	0.01
39) Acenaphthene-d10	14.334	164	330357	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	799483	20.000	ng	0.00
76) Chrysene-d12	21.563	240	890317	20.000	ng	0.00
86) Perylene-d12	24.857	264	1005245	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	720136	119.909	ng	0.00
7) Phenol-d6	6.899	99	955492	122.555	ng	0.00
23) Nitrobenzene-d5	8.857	82	1013804	122.999	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	789550	128.918	ng	-0.02
45) 2-Fluorobiphenyl	12.945	172	2706391	119.589	ng	0.00
79) Terphenyl-d14	19.857	244	5972545	126.015	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.258	88	147136	59.001	ng	99
3) Pyridine	3.658	79	398430m	59.915	ng	
4) n-Nitrosodimethylamine	3.563	42	208965	59.560	ng	99
6) Aniline	7.052	93	409417	59.760	ng	98
8) 2-Chlorophenol	7.287	128	389075	60.586	ng	95
9) Benzaldehyde	6.869	77	211589	51.693	ng	98
10) Phenol	6.922	94	466222	60.208	ng	100
11) bis(2-Chloroethyl)ether	7.146	93	352455	60.424	ng	98
12) 1,3-Dichlorobenzene	7.604	146	477290	58.869	ng	99
13) 1,4-Dichlorobenzene	7.752	146	487676	59.311	ng	98
14) 1,2-Dichlorobenzene	8.063	146	468218	59.330	ng	99
15) Benzyl Alcohol	7.957	79	378996	63.386	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.240	45	369175m	59.728	ng	
17) 2-Methylphenol	8.152	107	326909	62.493	ng	98
18) Hexachloroethane	8.781	117	183490	60.690	ng	99
19) n-Nitroso-di-n-propyla...	8.516	70	309530	63.874	ng	98
20) 3+4-Methylphenols	8.481	107	465709	63.065	ng	99
22) Acetophenone	8.528	105	640526	60.205	ng	# 99
24) Nitrobenzene	8.904	77	505731	60.420	ng	98
25) Isophorone	9.422	82	855460	62.953	ng	99
26) 2-Nitrophenol	9.604	139	235559	64.363	ng	97
27) 2,4-Dimethylphenol	9.663	122	264814	62.489	ng	99
28) bis(2-Chloroethoxy)met...	9.893	93	492947	60.501	ng	98
29) 2,4-Dichlorophenol	10.134	162	454816	63.230	ng	95
30) 1,2,4-Trichlorobenzene	10.345	180	542949	60.599	ng	98
31) Naphthalene	10.534	128	1300030	59.738	ng	100
32) Benzoic acid	9.840	122	338270	66.997	ng	96
33) 4-Chloroaniline	10.640	127	482117	61.419	ng	99
34) Hexachlorobutadiene	10.816	225	417834	59.613	ng	97
35) Caprolactam	11.445	113	135193	63.272	ng	99
36) 4-Chloro-3-methylphenol	11.769	107	493303	63.924	ng	99
37) 2-Methylnaphthalene	12.145	142	975107	61.244	ng	99
38) 1-Methylnaphthalene	12.357	142	966101	61.457	ng	98
40) 1,2,4,5-Tetrachloroben...	12.516	216	700427	60.601	ng	99
41) Hexachlorocyclopentadiene	12.498	237	272247	63.395	ng	96
43) 2,4,6-Trichlorophenol	12.757	196	443980	62.584	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091924\
 Data File : BP021954.D
 Acq On : 19 Sep 2024 17:02
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 20 01:05:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 00:59:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.828	196	499338	62.746	ng	98
46) 1,1'-Biphenyl	13.163	154	1354062	60.114	ng	98
47) 2-Chloronaphthalene	13.198	162	1104239	60.628	ng	99
48) 2-Nitroaniline	13.404	65	322004	64.746	ng	99
49) Acenaphthylene	14.057	152	1574744	61.273	ng	99
50) Dimethylphthalate	13.798	163	1452784	60.633	ng	100
51) 2,6-Dinitrotoluene	13.910	165	333860	62.532	ng	98
52) Acenaphthene	14.392	154	1007576	60.239	ng	98
53) 3-Nitroaniline	14.245	138	297957	62.619	ng	99
54) 2,4-Dinitrophenol	14.445	184	212118	67.809	ng	96
55) Dibenzofuran	14.733	168	1689656	60.099	ng	99
56) 4-Nitrophenol	14.569	139	266606	64.371	ng	97
57) 2,4-Dinitrotoluene	14.704	165	482549	63.934	ng	98
58) Fluorene	15.404	166	1423959	60.649	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.975	232	485018	63.150	ng	99
60) Diethylphthalate	15.181	149	1522548	62.534	ng	100
61) 4-Chlorophenyl-phenyle...	15.392	204	843807	61.732	ng	99
62) 4-Nitroaniline	15.416	138	330813	63.663	ng	98
63) Azobenzene	15.692	77	1219580	60.530	ng	100
65) 4,6-Dinitro-2-methylph...	15.481	198	307821	66.427	ng	95
66) n-Nitrosodiphenylamine	15.622	169	1207245	60.644	ng	98
67) 4-Bromophenyl-phenylether	16.310	248	573358	61.521	ng	98
68) Hexachlorobenzene	16.428	284	717810	61.777	ng	97
69) Atrazine	16.592	200	390986	54.818	ng	99
70) Pentachlorophenol	16.780	266	509638	65.193	ng	98
71) Phenanthrene	17.180	178	2321105	60.480	ng	99
72) Anthracene	17.269	178	2288943	61.612	ng	99
73) Carbazole	17.539	167	2166383	60.376	ng	99
74) Di-n-butylphthalate	18.145	149	2681997	63.641	ng	100
75) Fluoranthene	19.263	202	3270937	61.061	ng	99
77) Benzidine	19.451	184	555527	51.059	ng	98
78) Pyrene	19.639	202	3370954	62.588	ng	99
80) Butylbenzylphthalate	20.586	149	1242533	64.683	ng	98
81) Benzo(a)anthracene	21.545	228	3505493	61.275	ng	99
82) 3,3'-Dichlorobenzidine	21.468	252	1226740	59.100	ng	100
83) Chrysene	21.610	228	3254307	60.417	ng	100
84) Bis(2-ethylhexyl)phtha...	21.486	149	1789781	63.482	ng	99
85) Di-n-octyl phthalate	22.751	149	3075779	64.233	ng	100
87) Indeno(1,2,3-cd)pyrene	28.627	276	4027139	60.234	ng	100
88) Benzo(b)fluoranthene	23.821	252	3625770	60.988	ng	99
89) Benzo(k)fluoranthene	23.898	252	3509991	62.387	ng	99
90) Benzo(a)pyrene	24.715	252	3162699	61.754	ng	100
91) Dibenzo(a,h)anthracene	28.697	278	3318957	60.148	ng	100
92) Benzo(g,h,i)perylene	29.792	276	3459410	61.203	ng	100

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

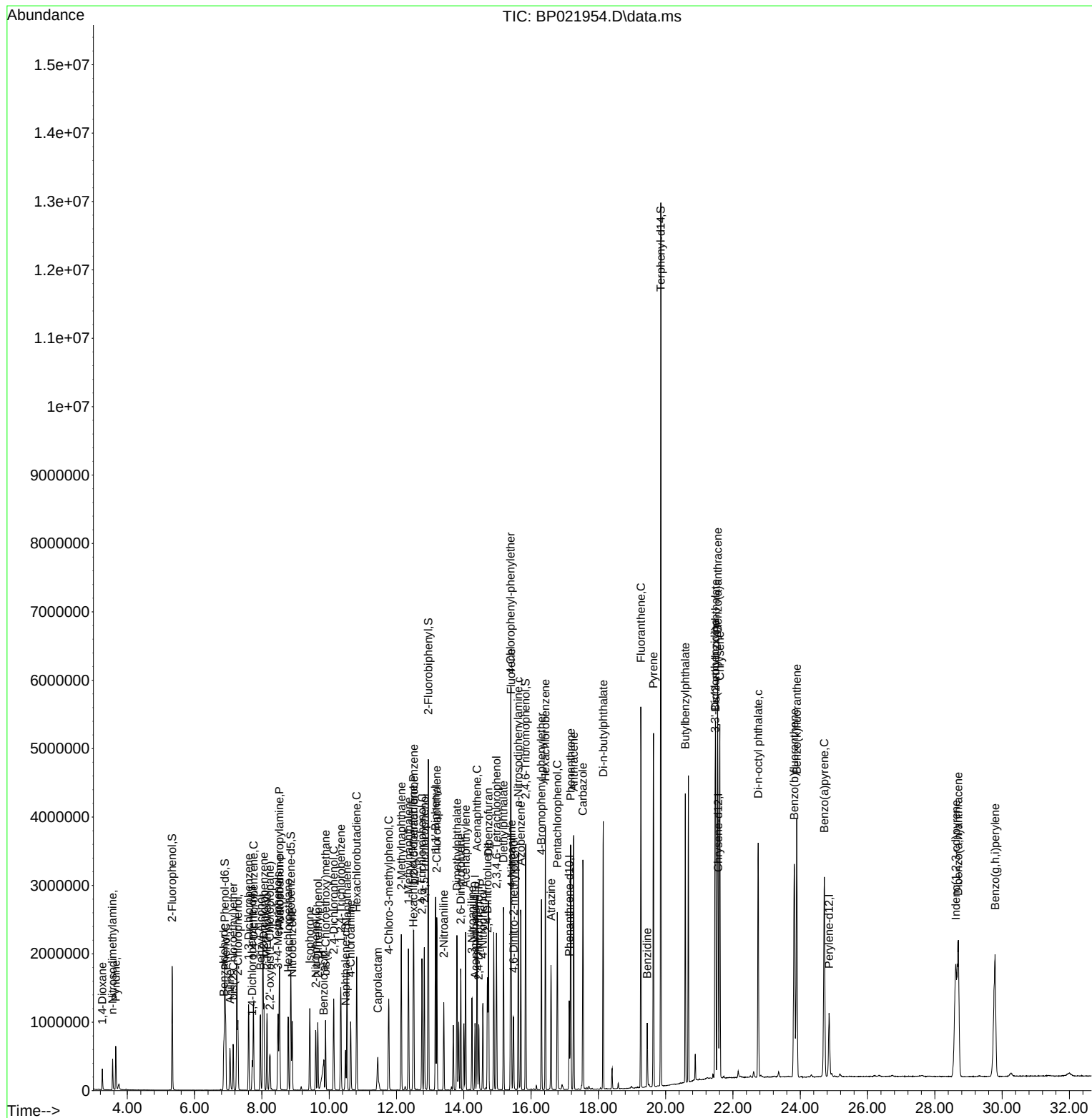
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Data File : BP021954.D
Acq On : 19 Sep 2024 17:02
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

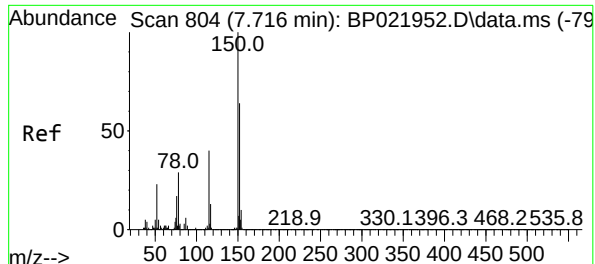
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

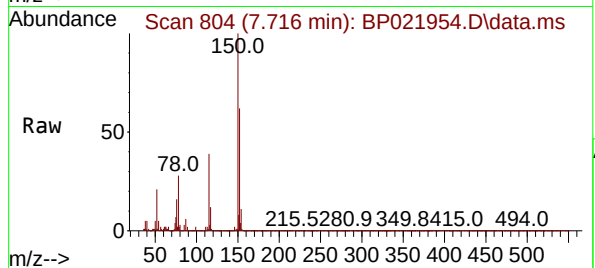
Quant Time: Sep 20 01:05:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 00:59:29 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 804
Delta R.T. 0.000 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

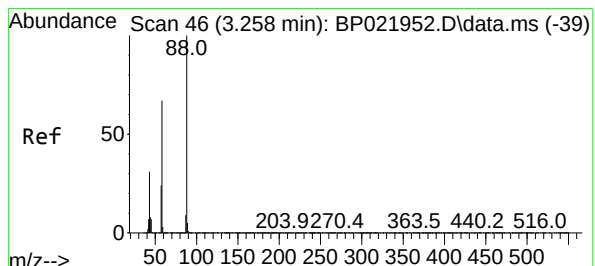
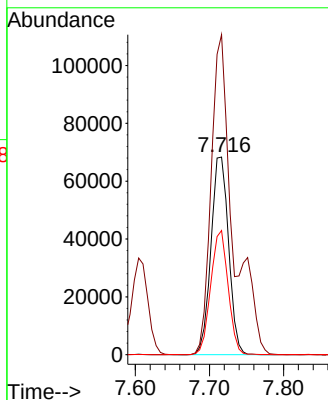
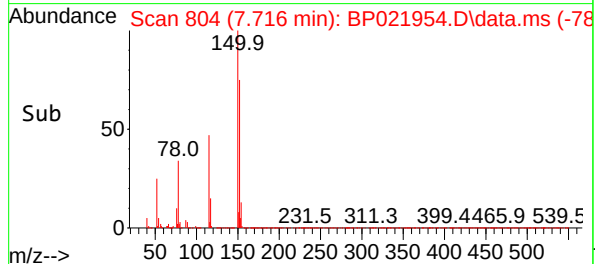
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion: 152 Resp: 11286
Ion Ratio Lower Upper
152 100
150 161.9 124.2 186.2
115 62.8 49.2 73.8

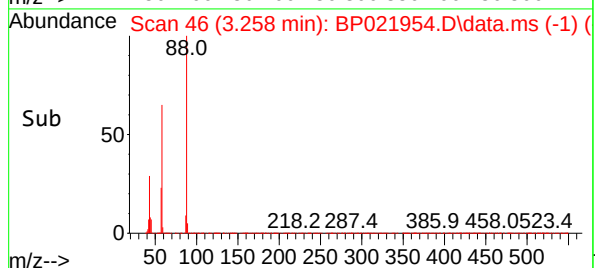
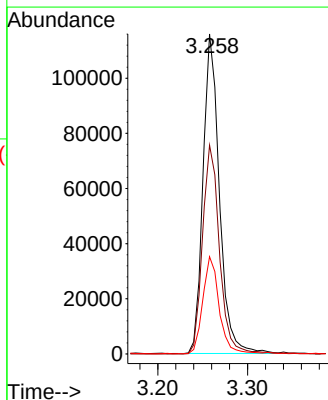
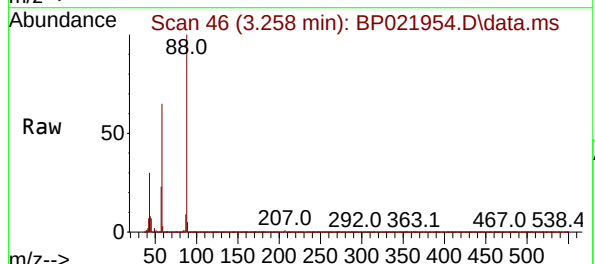
Manual Integrations
APPROVED

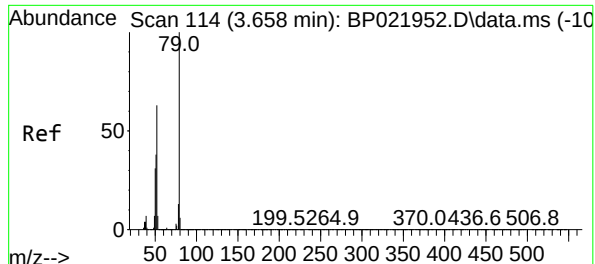
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#2
1,4-Dioxane
Concen: 59.001 ng
RT: 3.258 min Scan# 46
Delta R.T. -0.000 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

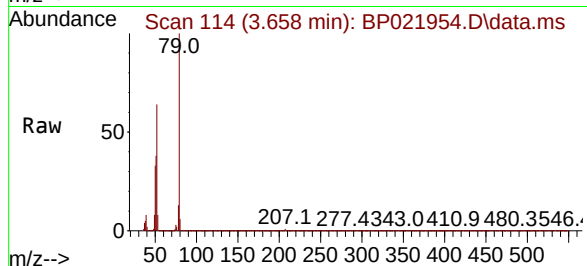
Tgt Ion: 88 Resp: 147136
Ion Ratio Lower Upper
88 100
58 67.9 53.8 80.6
43 30.3 25.2 37.8





#3
Pyridine
Concen: 59.915 ng m
RT: 3.658 min Scan# 114
Delta R.T. -0.000 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

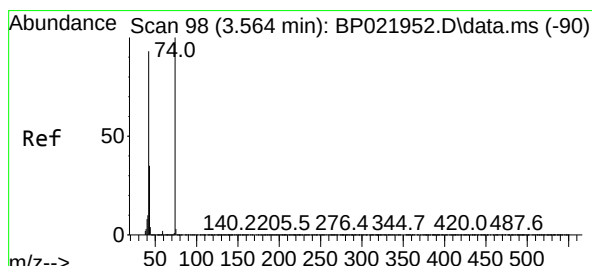
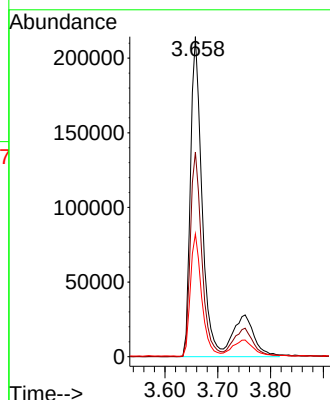
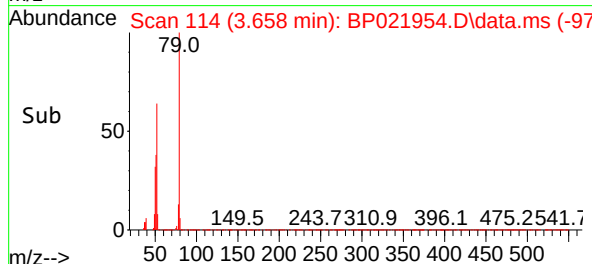
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion: 79 Resp: 398430
Ion Ratio Lower Upper
79 100
52 63.9 50.3 75.5
51 38.4 30.9 46.3

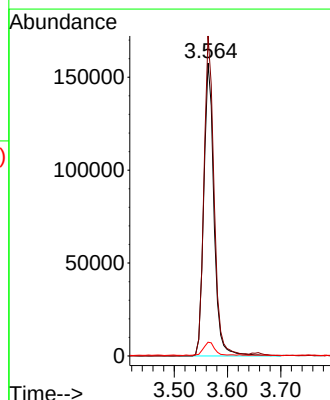
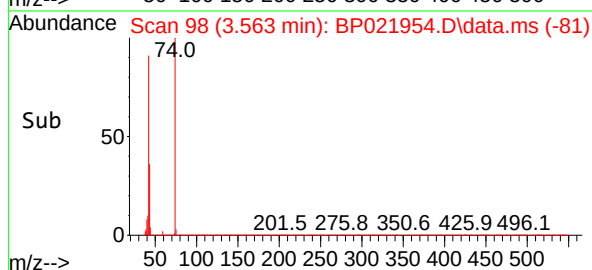
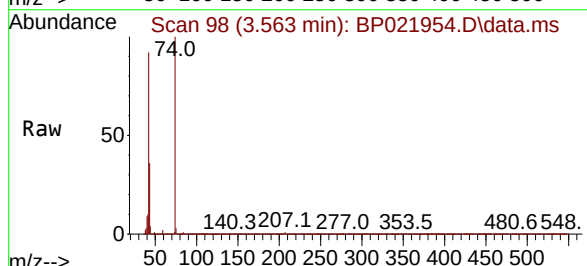
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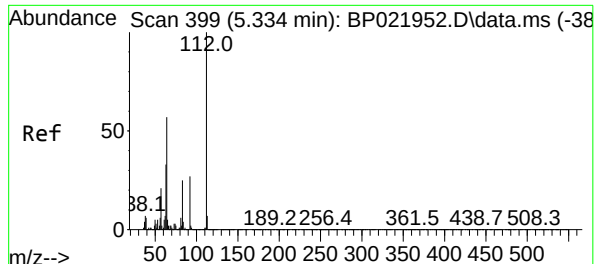
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#4
n-Nitrosodimethylamine
Concen: 59.560 ng
RT: 3.563 min Scan# 98
Delta R.T. -0.000 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

Tgt Ion: 42 Resp: 208965
Ion Ratio Lower Upper
42 100
74 109.3 86.3 129.5
44 4.7 4.0 6.0





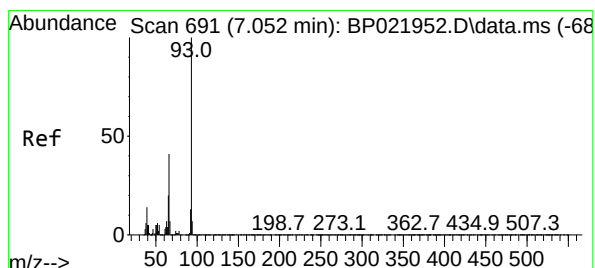
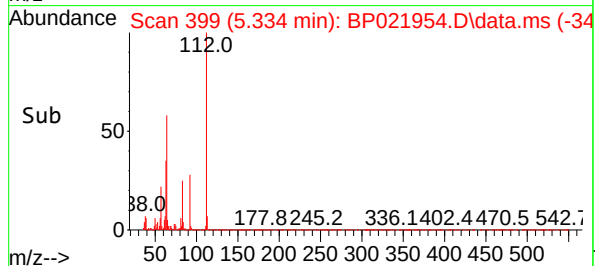
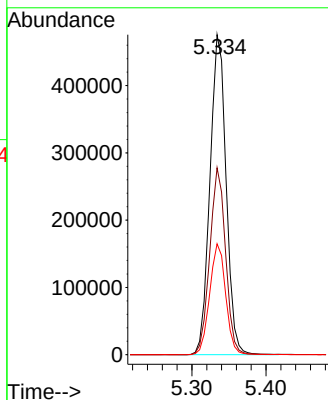
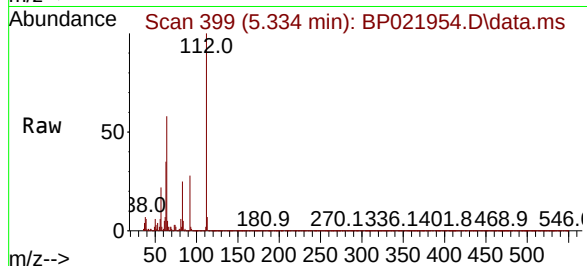
#5
2-Fluorophenol
Concen: 119.909 ng
RT: 5.334 min Scan# 399
Delta R.T. -0.000 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:112 Resp: 720130
Ion Ratio Lower Upper
112 100
64 58.4 45.4 68.0
63 34.6 26.6 39.8

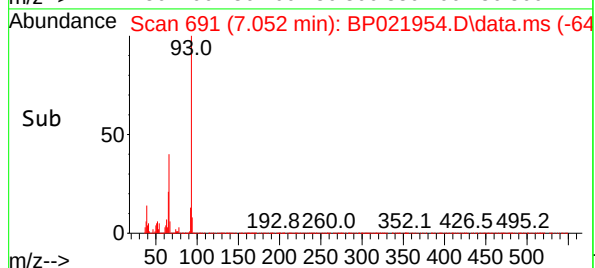
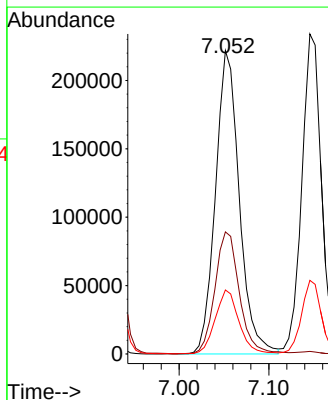
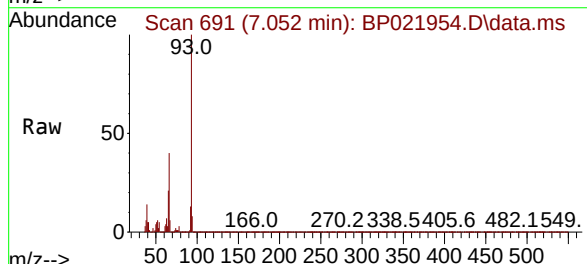
Manual Integrations
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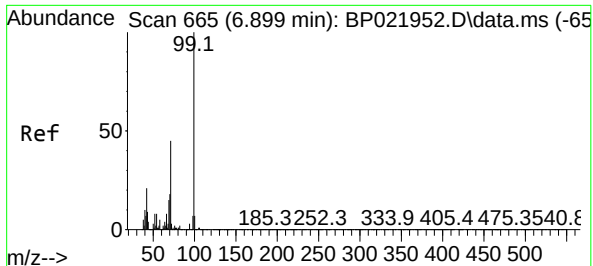
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#6
Aniline
Concen: 59.760 ng
RT: 7.052 min Scan# 691
Delta R.T. -0.000 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

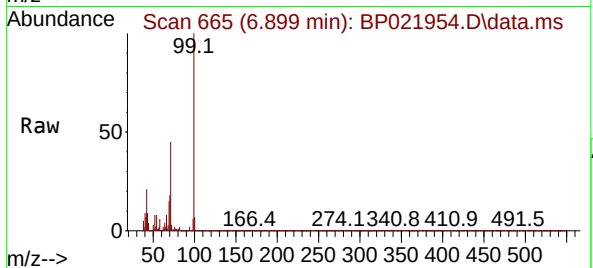
Tgt Ion: 93 Resp: 409417
Ion Ratio Lower Upper
93 100
66 40.3 33.0 49.4
65 21.1 16.1 24.1





#7
Phenol-d6
Concen: 122.555 ng
RT: 6.899 min Scan# 665
Delta R.T. -0.000 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

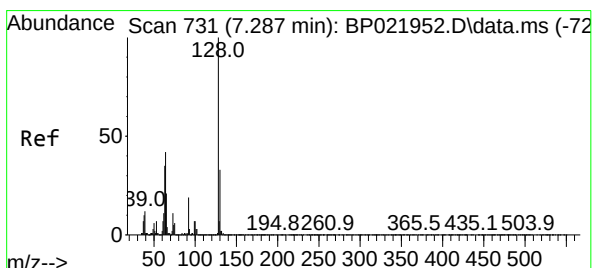
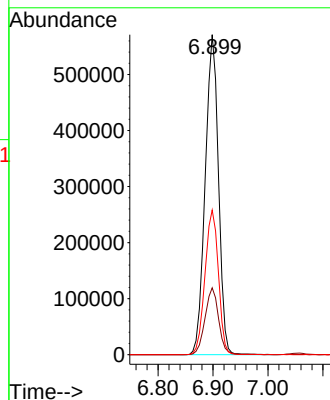
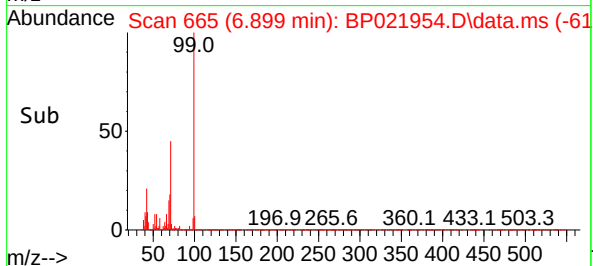
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion: 99 Resp: 955492
Ion Ratio Lower Upper
99 100
42 20.9 16.8 25.2
71 45.2 35.8 53.6

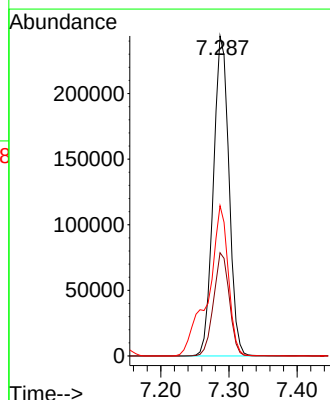
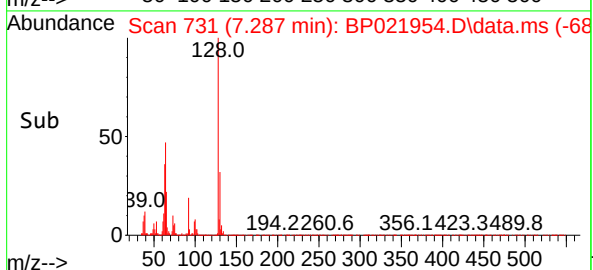
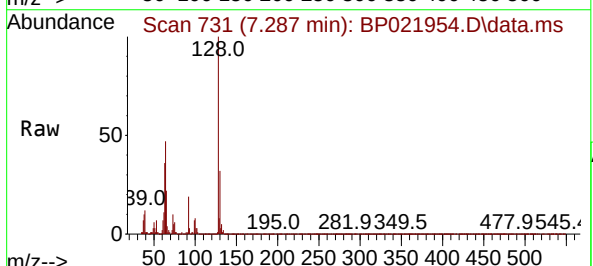
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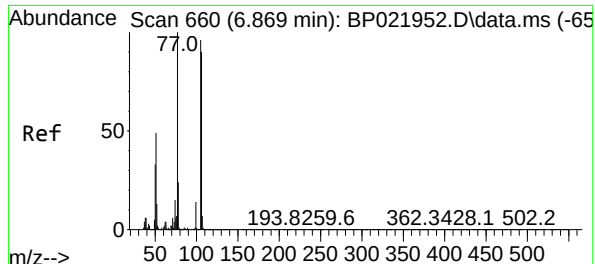
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#8
2-Chlorophenol
Concen: 60.586 ng
RT: 7.287 min Scan# 731
Delta R.T. -0.000 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

Tgt Ion:128 Resp: 389075
Ion Ratio Lower Upper
128 100
130 32.3 13.1 53.1
64 47.0 22.1 62.1





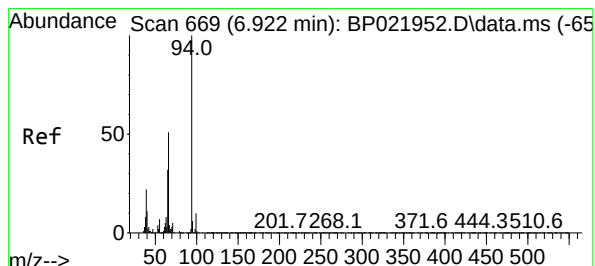
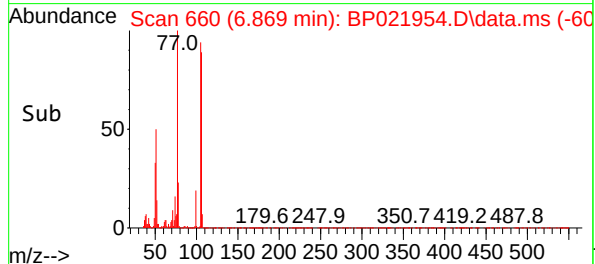
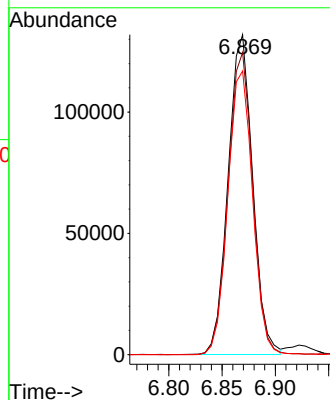
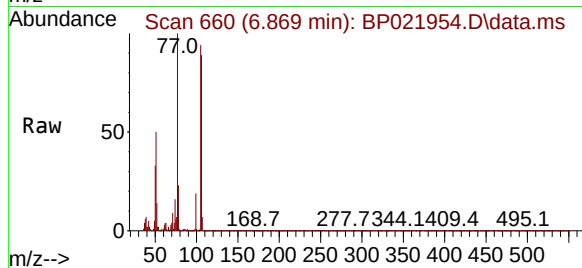
#9
Benzaldehyde
Concen: 51.693 ng
RT: 6.869 min Scan# 660
Delta R.T. -0.000 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 211589
Ion Ratio Lower Upper
77 100
105 94.4 76.1 116.1
106 88.6 69.9 109.9

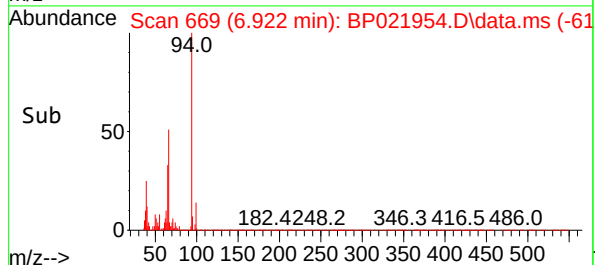
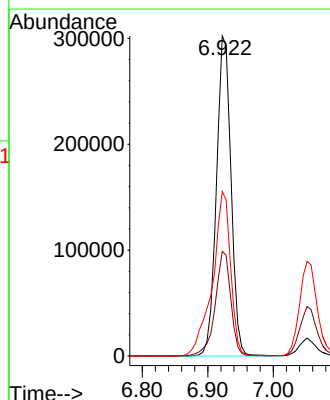
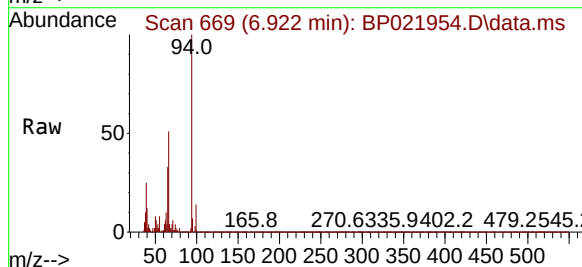
Manual Integrations
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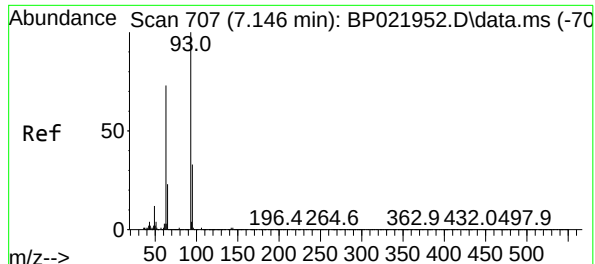
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#10
Phenol
Concen: 60.208 ng
RT: 6.922 min Scan# 669
Delta R.T. -0.000 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

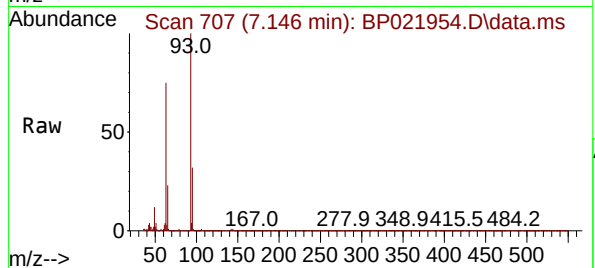
Tgt Ion: 94 Resp: 466222
Ion Ratio Lower Upper
94 100
65 32.7 12.5 52.5
66 51.4 31.2 71.2





#11
bis(2-Chloroethyl)ether
Concen: 60.424 ng
RT: 7.146 min Scan# 707
Delta R.T. -0.000 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

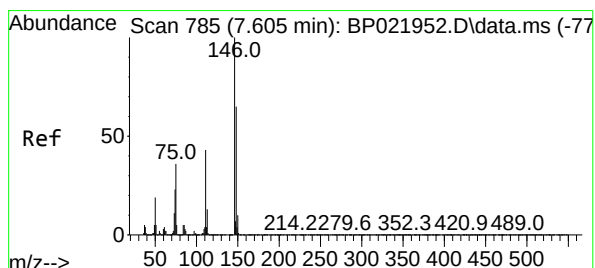
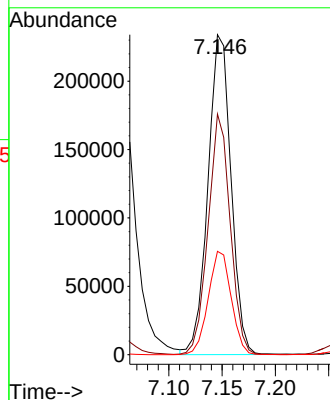
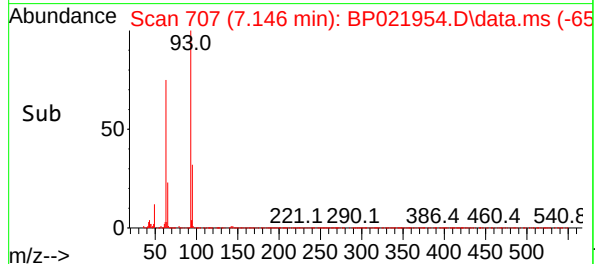
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion: 93 Resp: 35245
Ion Ratio Lower Upper
93 100
63 75.2 53.0 93.0
95 32.3 12.4 52.4

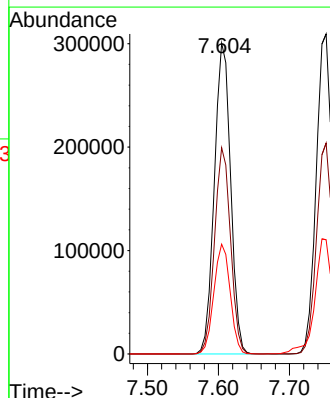
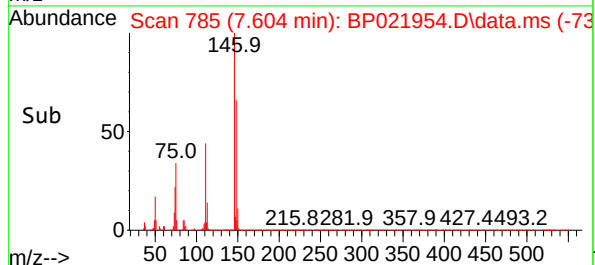
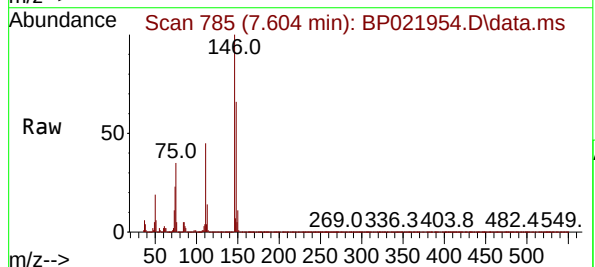
Manual Integrations
APPROVED

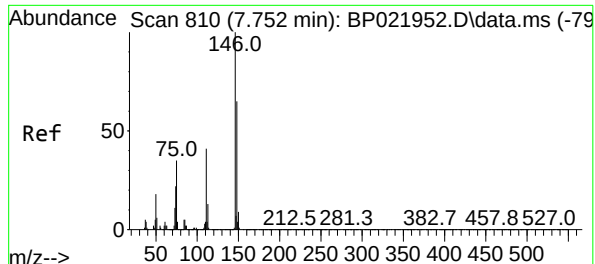
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#12
1,3-Dichlorobenzene
Concen: 58.869 ng
RT: 7.604 min Scan# 785
Delta R.T. -0.000 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

Tgt Ion:146 Resp: 477290
Ion Ratio Lower Upper
146 100
148 66.4 52.3 78.5
75 35.3 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 59.311 ng

RT: 7.752 min Scan# 810

Delta R.T. -0.000 min

Lab File: BP021954.D

Acq: 19 Sep 2024 17:02

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:146 Resp: 487670

Ion Ratio Lower Upper

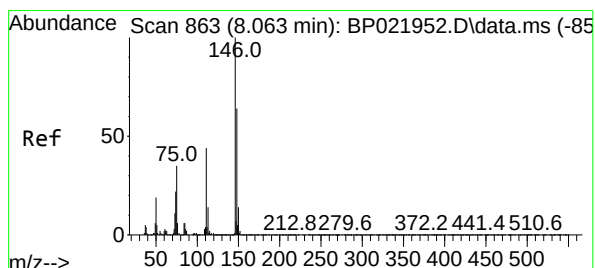
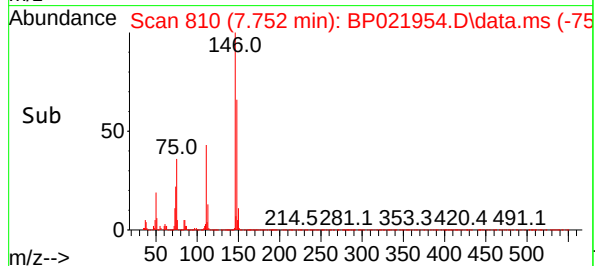
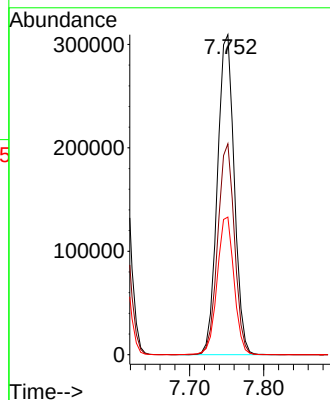
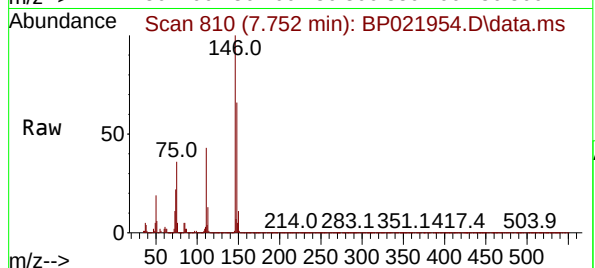
146 100

148 65.9 52.2 78.4

111 43.0 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#14

1,2-Dichlorobenzene

Concen: 59.330 ng

RT: 8.063 min Scan# 863

Delta R.T. -0.000 min

Lab File: BP021954.D

Acq: 19 Sep 2024 17:02

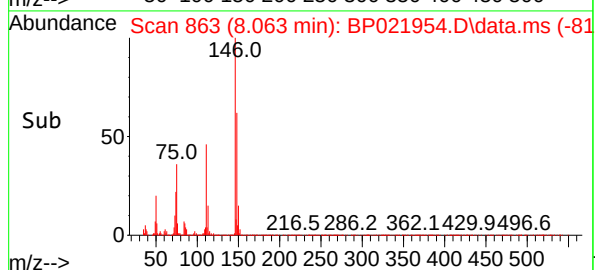
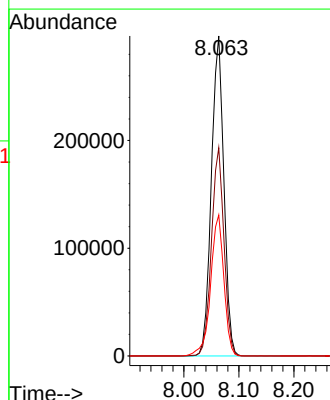
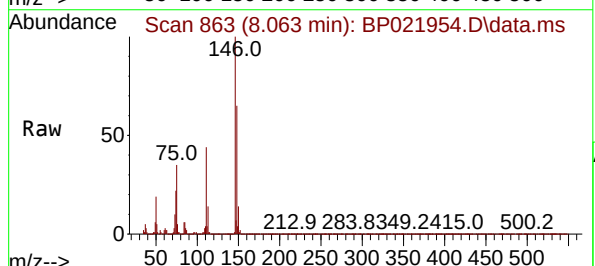
Tgt Ion:146 Resp: 468218

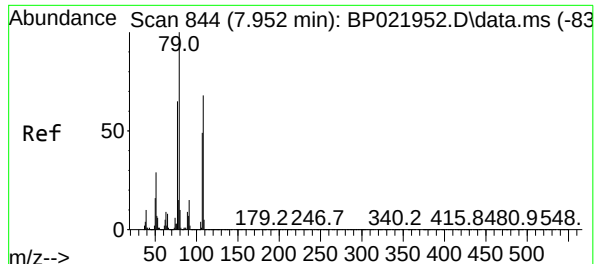
Ion Ratio Lower Upper

146 100

148 65.1 51.3 76.9

111 44.1 35.6 53.4





#15

Benzyl Alcohol

Concen: 63.386 ng

RT: 7.957 min Scan# 845

Delta R.T. 0.006 min

Lab File: BP021954.D

Acq: 19 Sep 2024 17:02

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion: 79 Resp: 378990

Ion Ratio Lower Upper

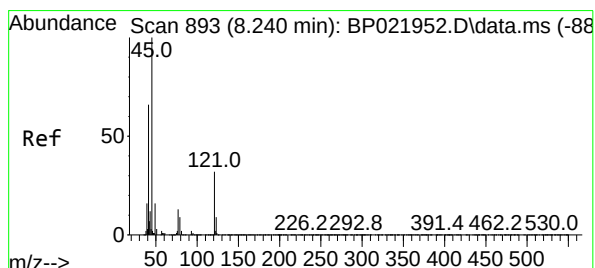
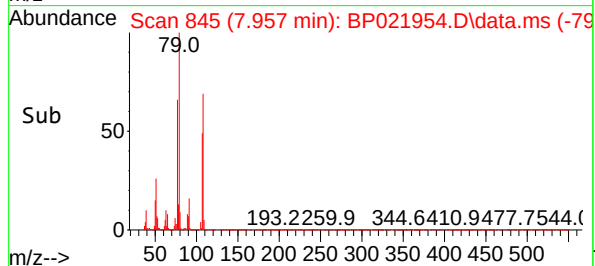
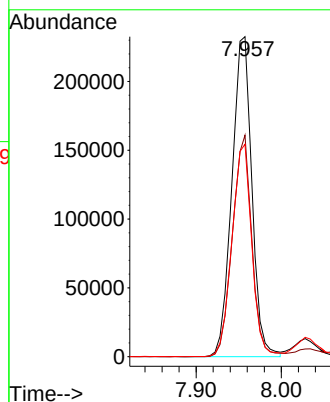
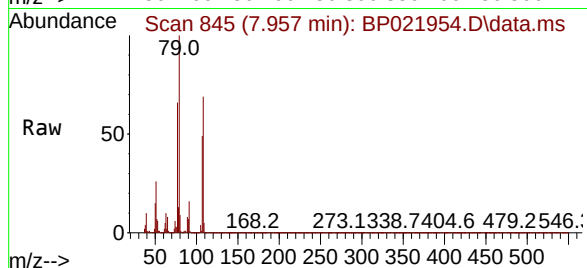
79 100

108 69.2 54.7 82.1

77 66.4 51.8 77.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#16

2,2'-oxybis(1-Chloropropane)

Concen: 59.728 ng m

RT: 8.240 min Scan# 893

Delta R.T. -0.000 min

Lab File: BP021954.D

Acq: 19 Sep 2024 17:02

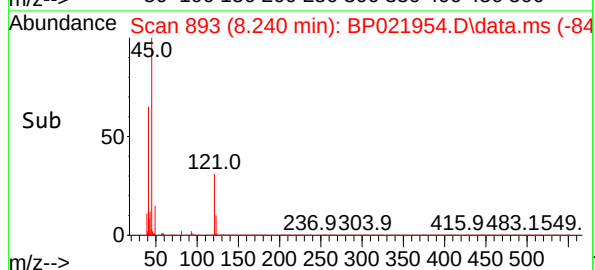
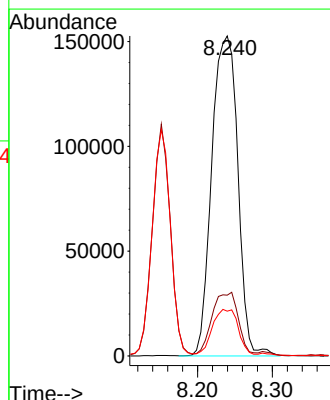
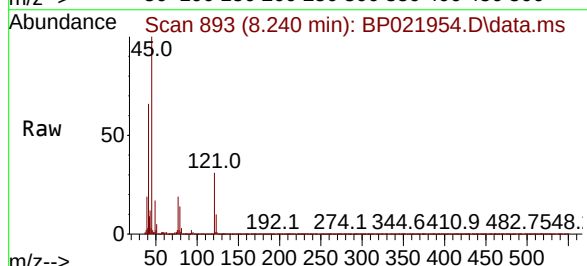
Tgt Ion: 45 Resp: 369175

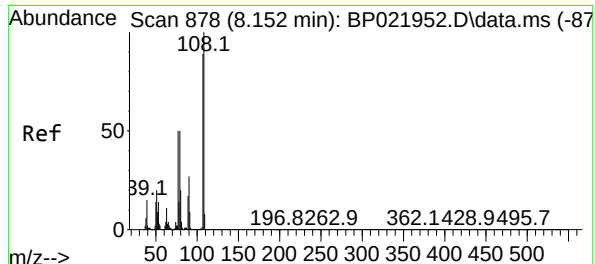
Ion Ratio Lower Upper

45 100

77 19.0 0.0 39.5

79 14.0 0.0 34.9





#17

2-Methylphenol

Concen: 62.493 ng

RT: 8.152 min Scan# 81

Delta R.T. -0.000 min

Lab File: BP021954.D

Acq: 19 Sep 2024 17:02

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:107 Resp: 326909

Ion Ratio Lower Upper

107 100

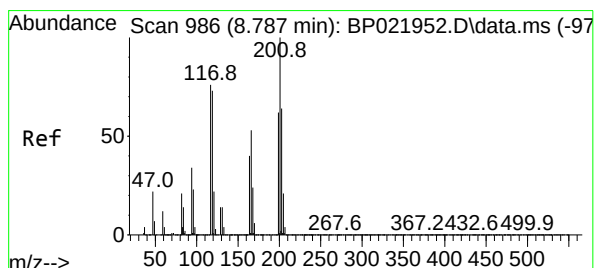
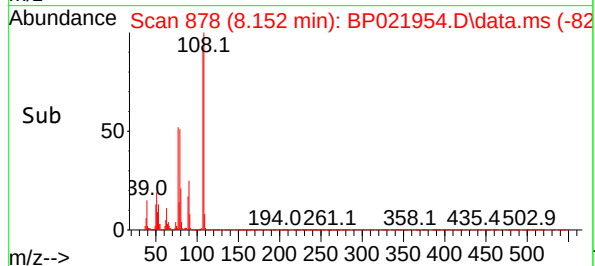
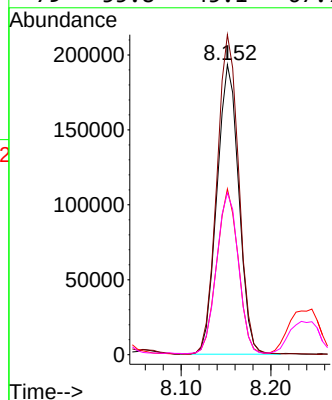
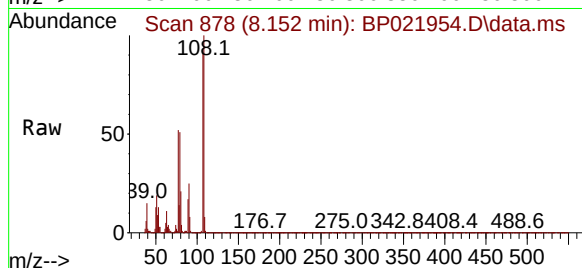
108 110.4 90.3 135.5

77 57.2 45.1 67.7

79 55.8 45.1 67.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#18

Hexachloroethane

Concen: 60.690 ng

RT: 8.781 min Scan# 985

Delta R.T. -0.006 min

Lab File: BP021954.D

Acq: 19 Sep 2024 17:02

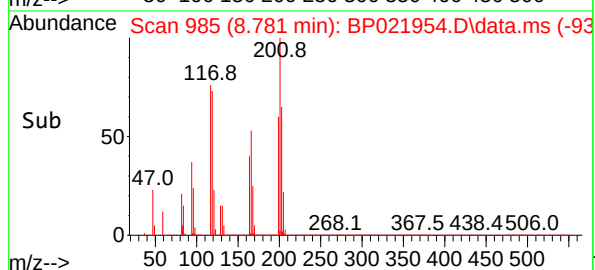
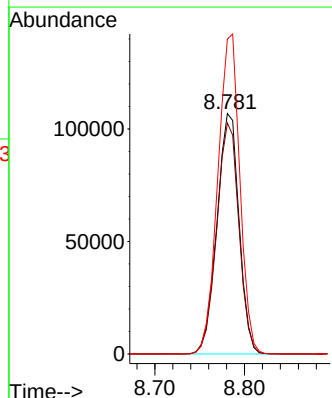
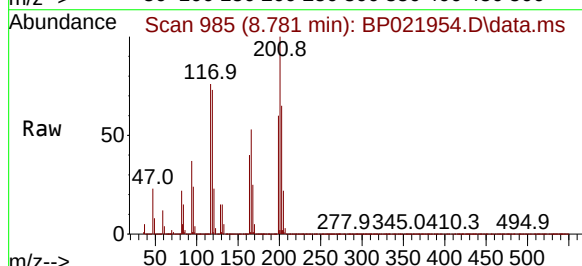
Tgt Ion:117 Resp: 183490

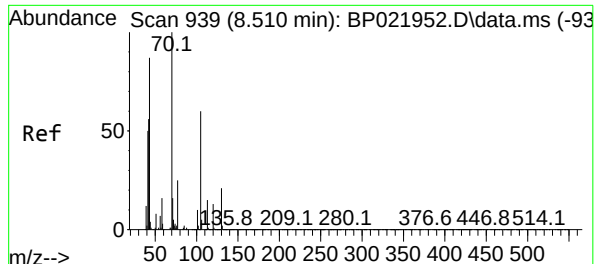
Ion Ratio Lower Upper

117 100

119 96.0 77.0 115.4

201 131.0 105.6 158.4





#19

n-Nitroso-di-n-propylamine

Concen: 63.874 ng

RT: 8.516 min Scan# 940

Delta R.T. 0.006 min

Lab File: BP021954.D

Acq: 19 Sep 2024 17:02

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 309530

Ion Ratio Lower Upper

70 100

42 57.8 45.2 67.8

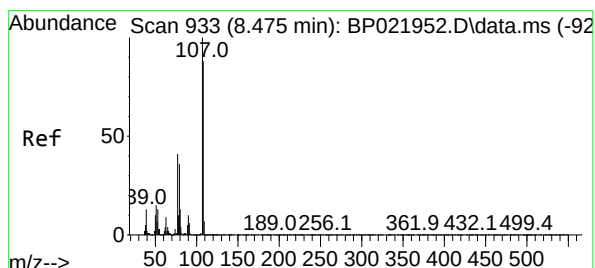
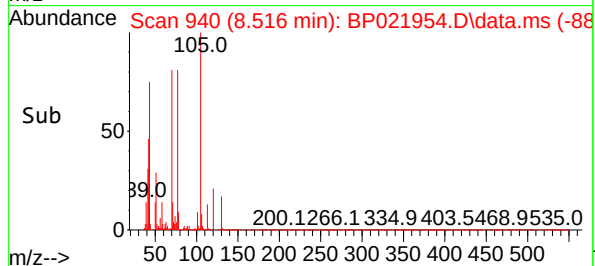
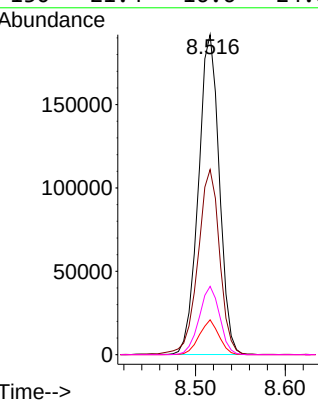
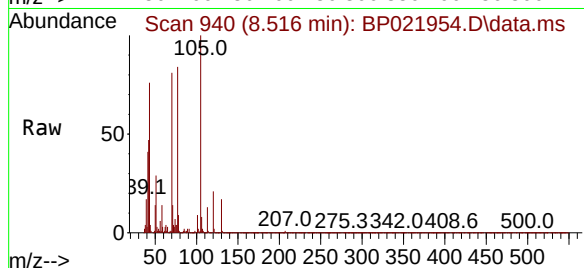
101 10.9 7.8 11.6

130 21.4 16.6 24.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/22/2024



#20

3+4-Methylphenols

Concen: 63.065 ng

RT: 8.481 min Scan# 934

Delta R.T. 0.006 min

Lab File: BP021954.D

Acq: 19 Sep 2024 17:02

Tgt Ion:107 Resp: 465709

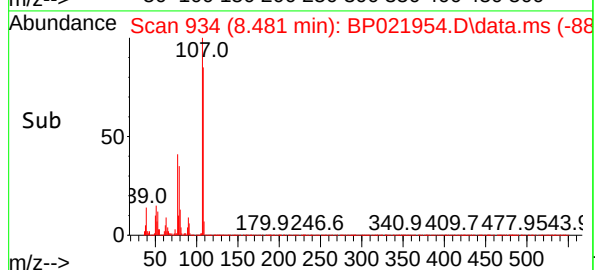
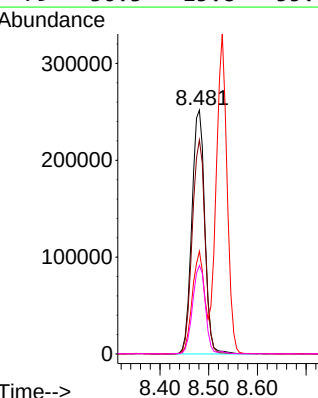
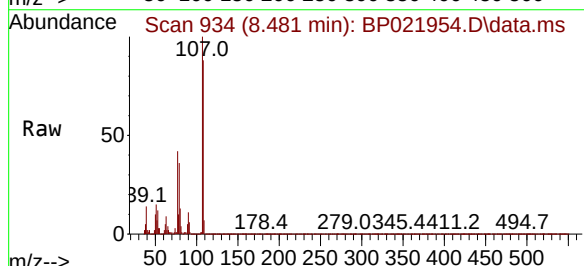
Ion Ratio Lower Upper

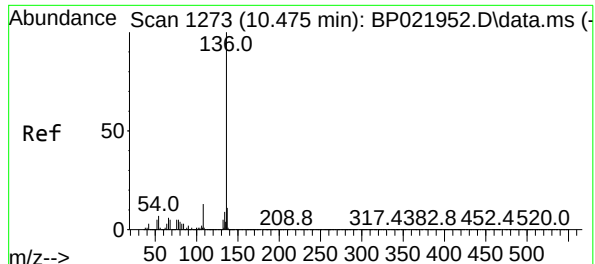
107 100

108 87.7 68.3 108.3

77 42.1 20.6 60.6

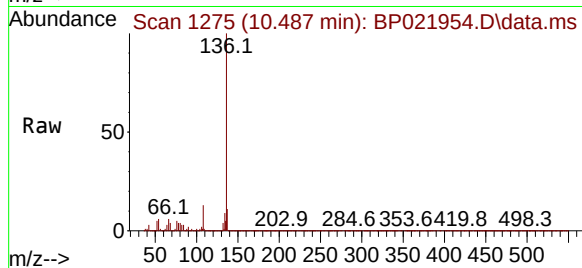
79 36.3 15.8 55.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1275
Delta R.T. 0.012 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

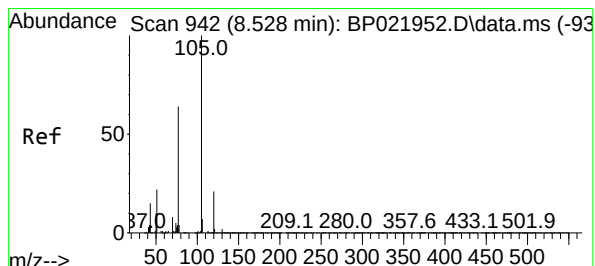
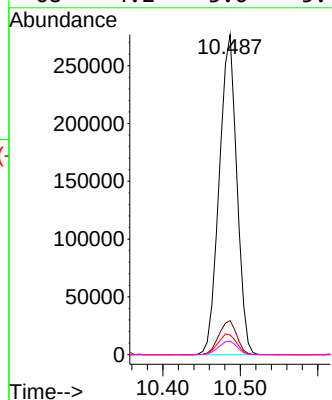
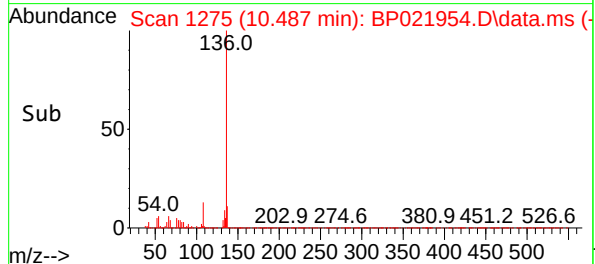
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:136 Resp: 43613
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.2 5.5 8.3
68 4.2 3.6 5.4

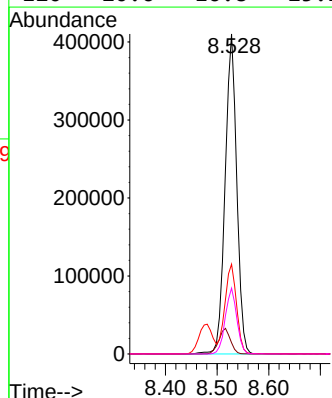
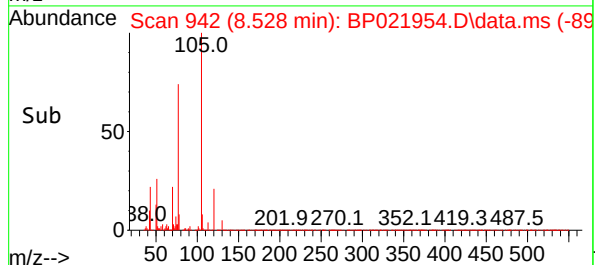
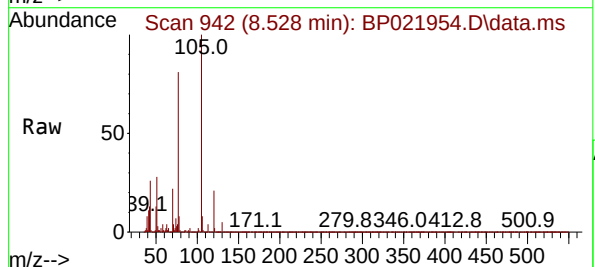
Manual Integrations
APPROVED

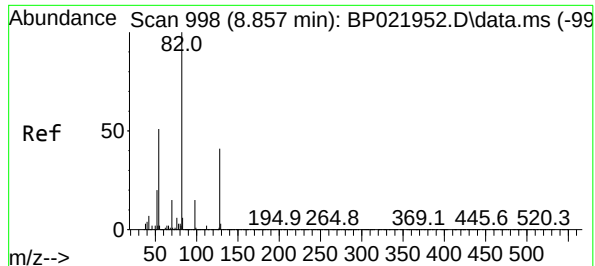
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#22
Acetophenone
Concen: 60.205 ng
RT: 8.528 min Scan# 942
Delta R.T. -0.000 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

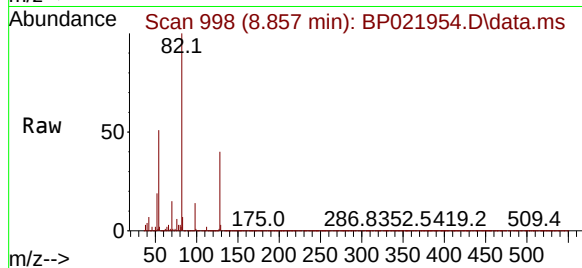
Tgt Ion:105 Resp: 640526
Ion Ratio Lower Upper
105 100
71 3.5 1.4 2.0#
51 28.1 22.1 33.1
120 20.6 16.8 25.2





#23
Nitrobenzene-d5
Concen: 122.999 ng
RT: 8.857 min Scan# 998
Delta R.T. -0.000 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

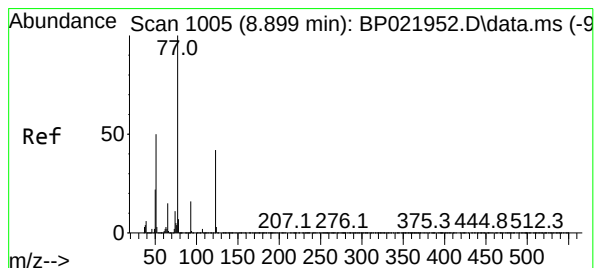
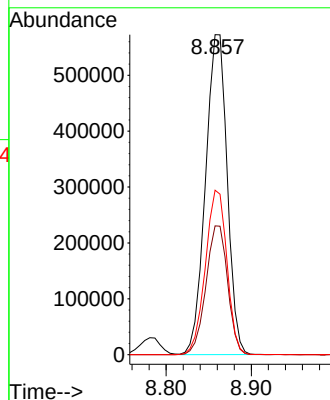
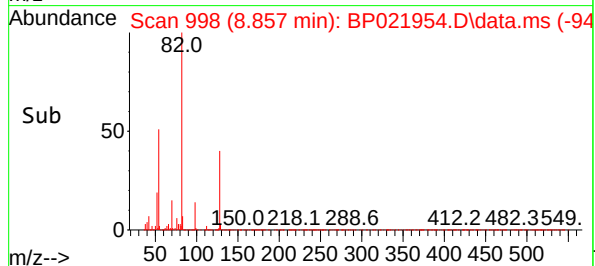
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion: 82 Resp: 1013804
Ion Ratio Lower Upper
82 100
128 40.2 33.1 49.7
54 51.4 40.3 60.5

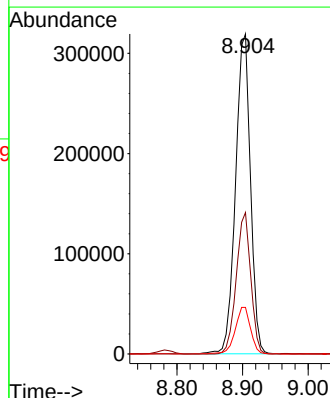
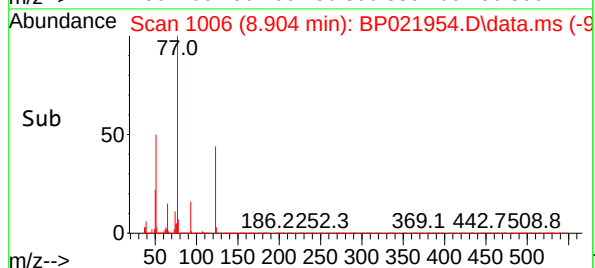
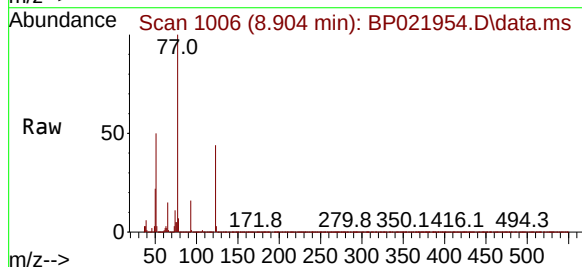
Manual Integrations
APPROVED

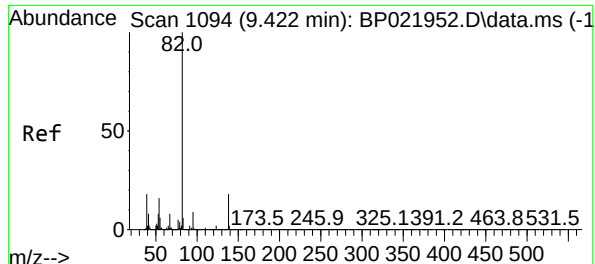
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#24
Nitrobenzene
Concen: 60.420 ng
RT: 8.904 min Scan# 1006
Delta R.T. 0.006 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

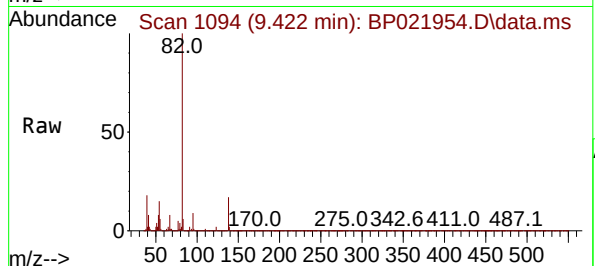
Tgt Ion: 77 Resp: 505731
Ion Ratio Lower Upper
77 100
123 44.2 33.9 50.9
65 14.6 12.0 18.0





#25
Isophorone
Concen: 62.953 ng
RT: 9.422 min Scan# 1094
Delta R.T. -0.000 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

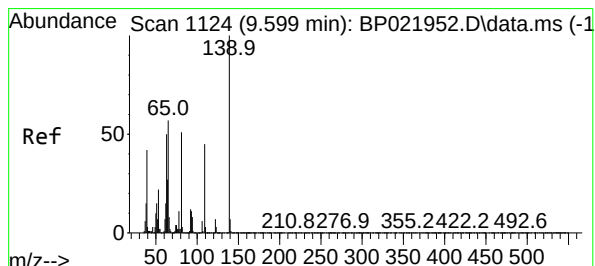
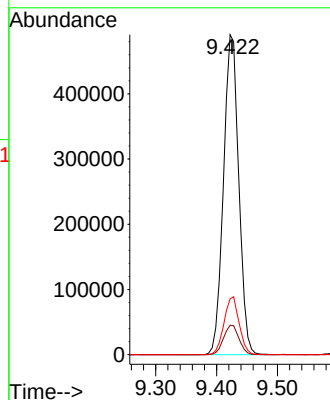
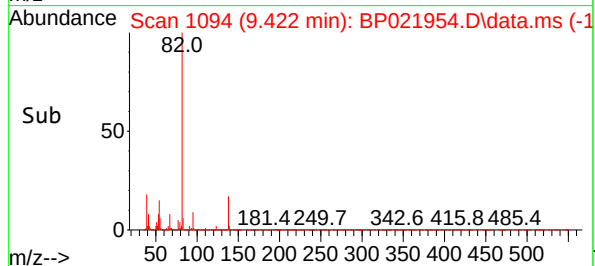
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion: 82 Resp: 855460
Ion Ratio Lower Upper
82 100
95 9.2 7.0 10.6
138 17.5 14.6 21.8

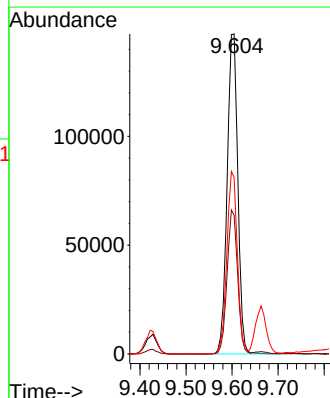
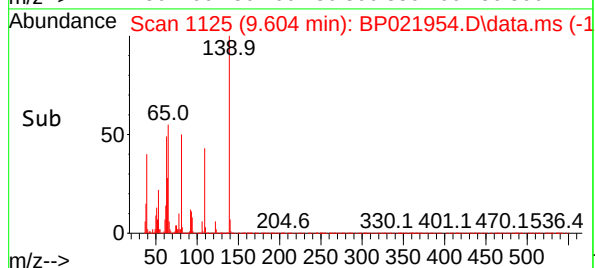
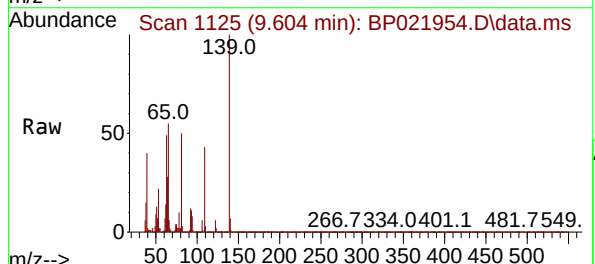
Manual Integrations
APPROVED

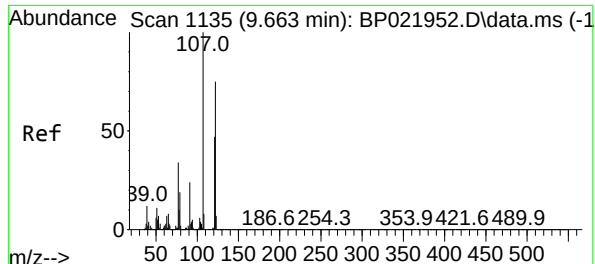
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#26
2-Nitrophenol
Concen: 64.363 ng
RT: 9.604 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

Tgt Ion:139 Resp: 235559
Ion Ratio Lower Upper
139 100
109 43.4 36.0 54.0
65 55.1 45.7 68.5





#27

2,4-Dimethylphenol

Concen: 62.489 ng

RT: 9.663 min Scan# 1135

Delta R.T. -0.000 min

Lab File: BP021954.D

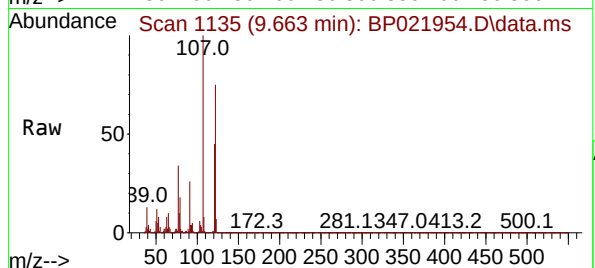
Acq: 19 Sep 2024 17:02

Instrument :

BNA_P

ClientSampleId :

SSTDICC060



Tgt Ion:122 Resp: 264814

Ion Ratio Lower Upper

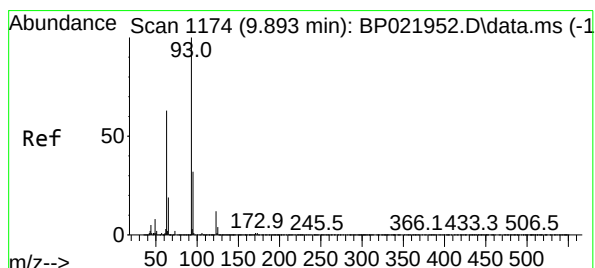
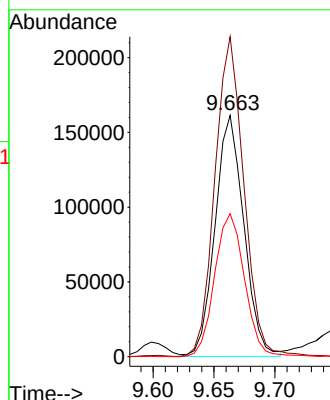
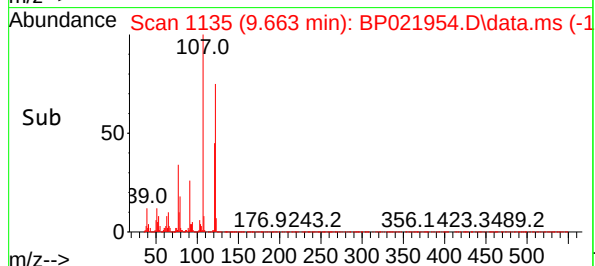
122 100

107 132.6 106.1 159.1

121 59.3 49.6 74.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#28

bis(2-Chloroethoxy)methane

Concen: 60.501 ng

RT: 9.893 min Scan# 1174

Delta R.T. -0.000 min

Lab File: BP021954.D

Acq: 19 Sep 2024 17:02

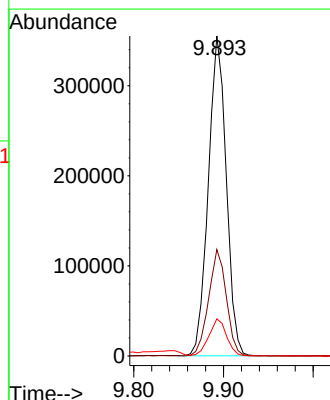
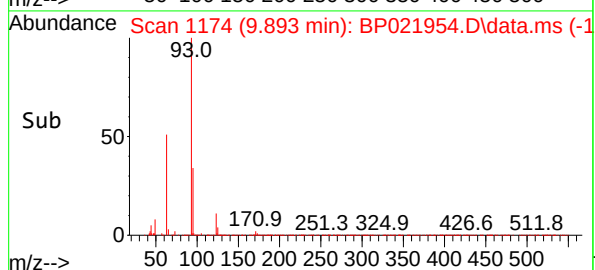
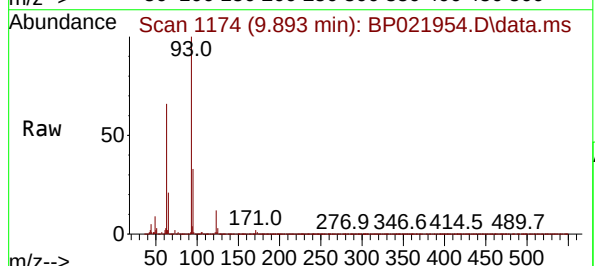
Tgt Ion: 93 Resp: 492947

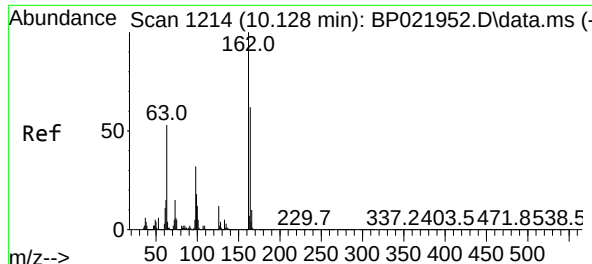
Ion Ratio Lower Upper

93 100

95 33.2 25.7 38.5

123 11.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 63.230 ng

RT: 10.134 min Scan# 1214

Delta R.T. 0.006 min

Lab File: BP021954.D

Acq: 19 Sep 2024 17:02

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:162 Resp: 454810

Ion Ratio Lower Upper

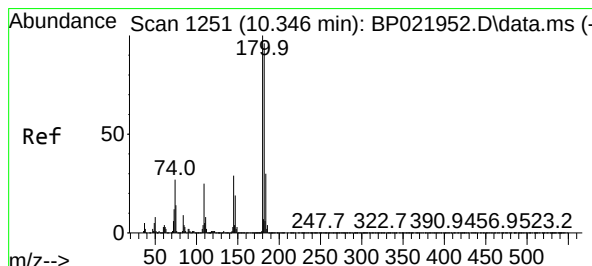
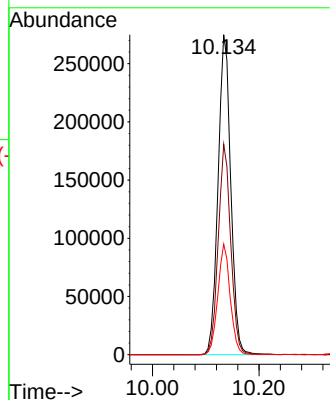
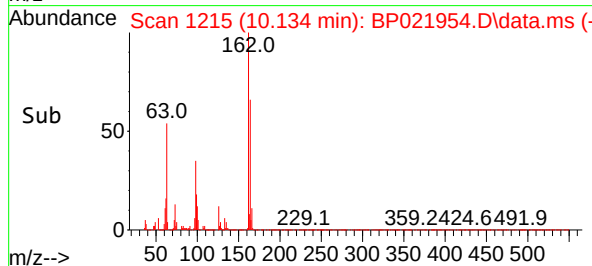
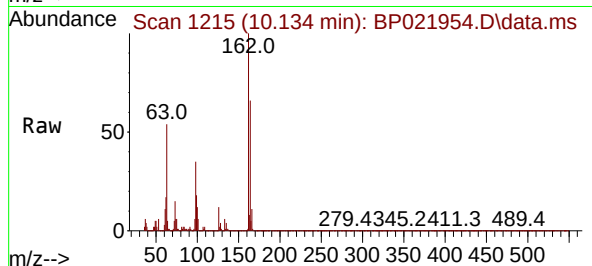
162 100

164 65.8 41.7 81.7

98 34.6 12.4 52.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#30

1,2,4-Trichlorobenzene

Concen: 60.599 ng

RT: 10.345 min Scan# 1251

Delta R.T. -0.000 min

Lab File: BP021954.D

Acq: 19 Sep 2024 17:02

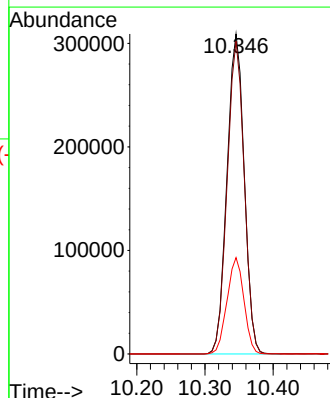
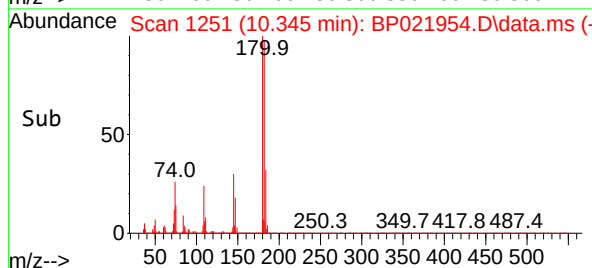
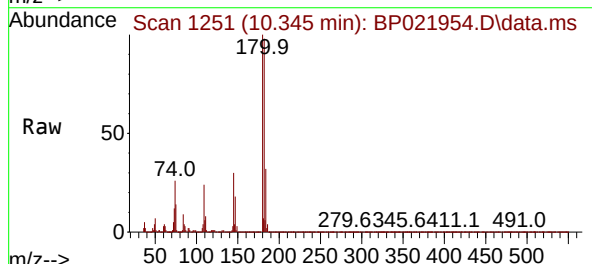
Tgt Ion:180 Resp: 542949

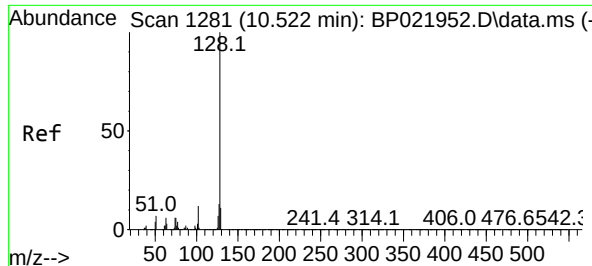
Ion Ratio Lower Upper

180 100

182 97.7 77.0 115.4

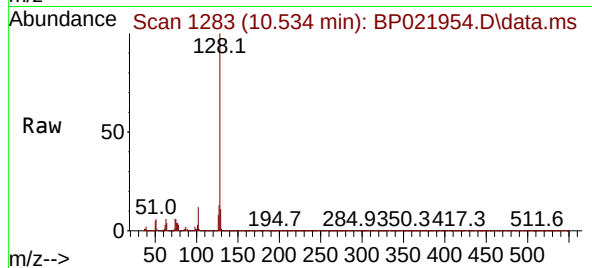
145 30.1 23.0 34.6





#31
Naphthalene
Concen: 59.738 ng
RT: 10.534 min Scan# 1165
Delta R.T. 0.012 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

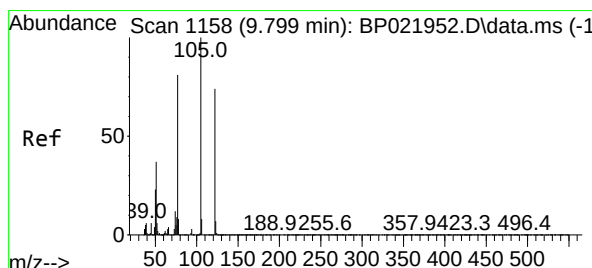
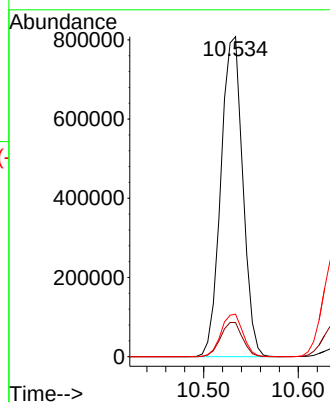
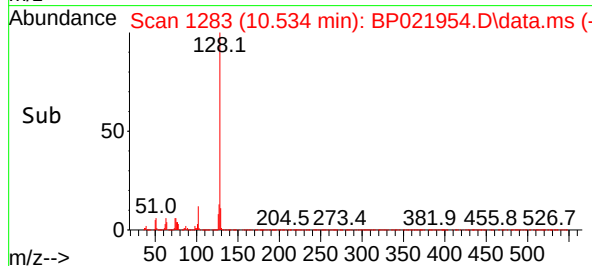
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:128 Resp: 1300030
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.3 10.6 15.8

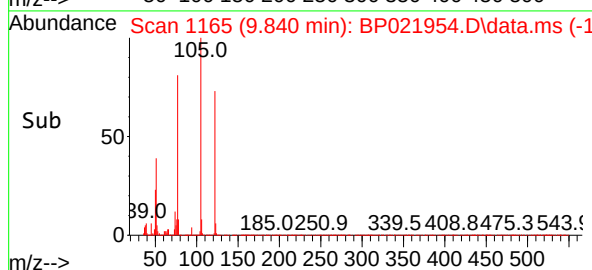
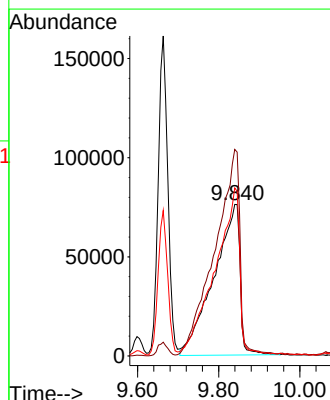
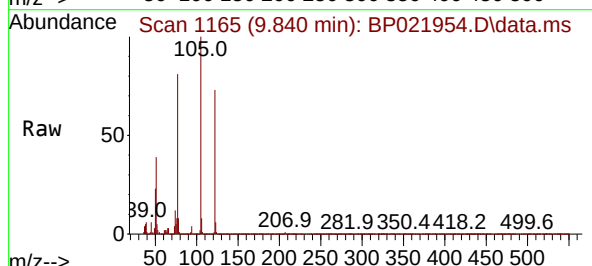
Manual Integrations
APPROVED

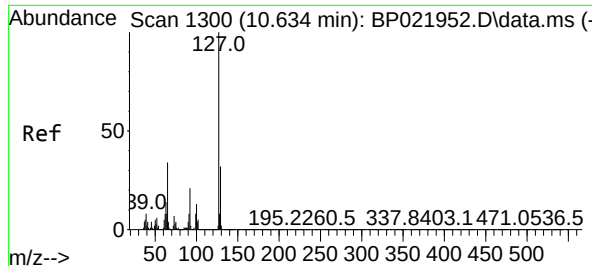
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#32
Benzoic acid
Concen: 66.997 ng
RT: 9.840 min Scan# 1165
Delta R.T. 0.041 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

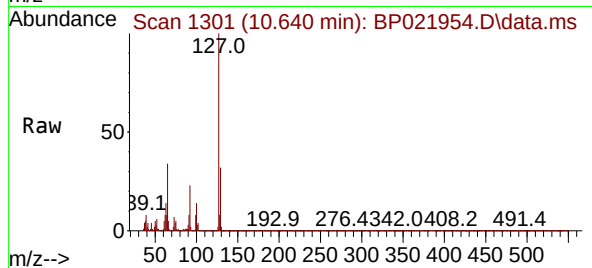
Tgt Ion:122 Resp: 338270
Ion Ratio Lower Upper
122 100
105 136.3 111.3 151.3
77 110.9 86.7 126.7





#33
4-Chloroaniline
Concen: 61.419 ng
RT: 10.640 min Scan# 1301
Delta R.T. 0.006 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

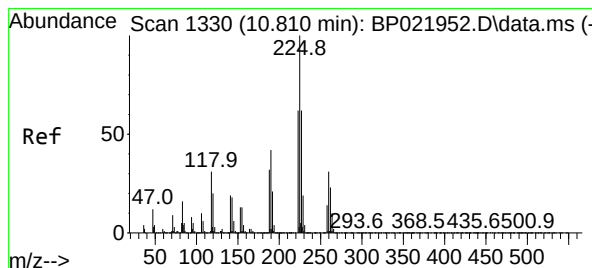
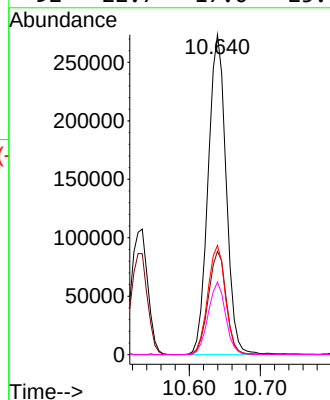
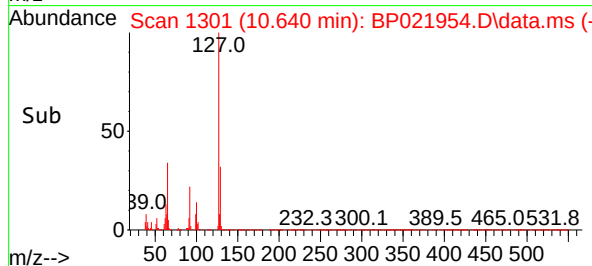
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:127 Resp: 482117
Ion Ratio Lower Upper
127 100
129 32.3 25.4 38.0
65 34.2 27.4 41.2
92 22.7 17.0 25.4

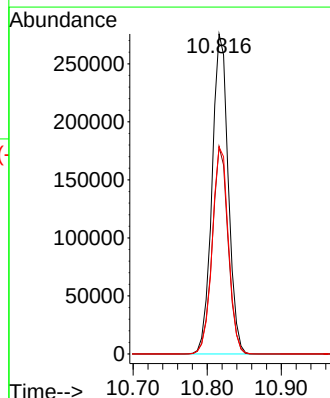
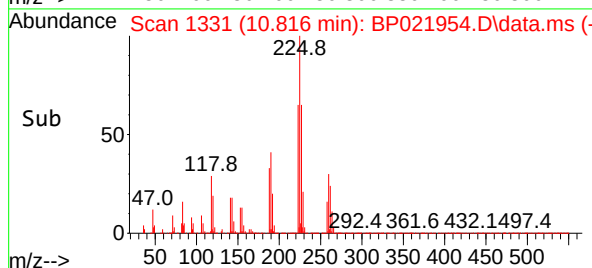
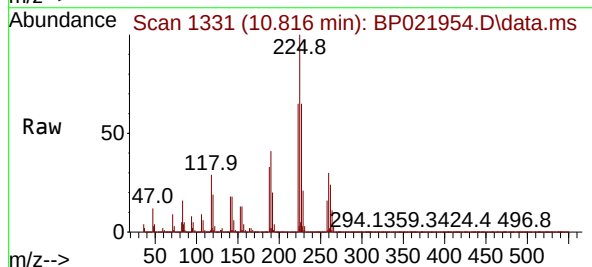
Manual Integrations
APPROVED

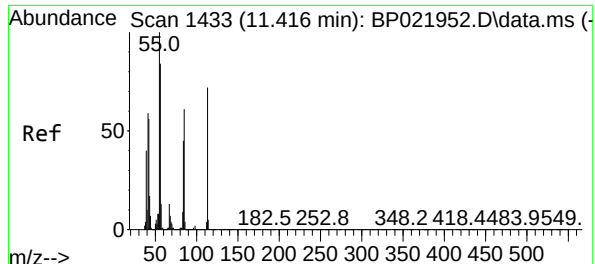
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#34
Hexachlorobutadiene
Concen: 59.613 ng
RT: 10.816 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

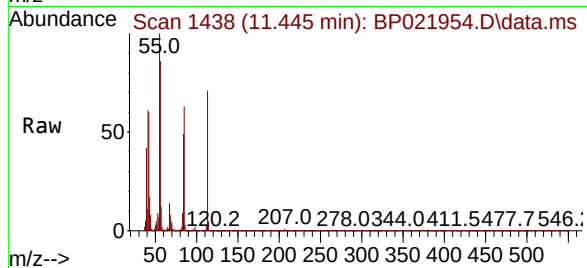
Tgt Ion:225 Resp: 417834
Ion Ratio Lower Upper
225 100
223 64.8 50.0 75.0
227 64.7 49.7 74.5





#35
Caprolactam
Concen: 63.272 ng
RT: 11.445 min Scan# 1438
Delta R.T. 0.029 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

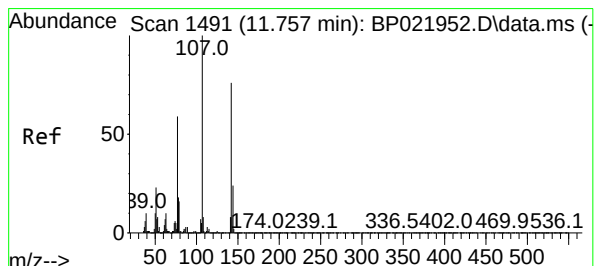
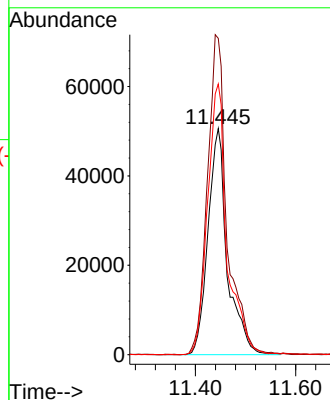
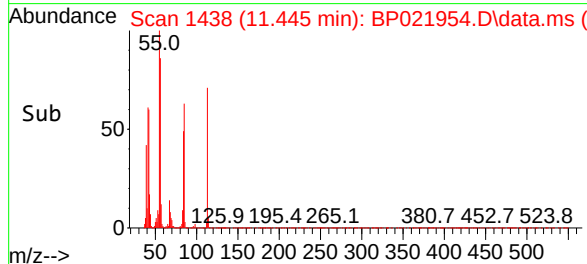
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



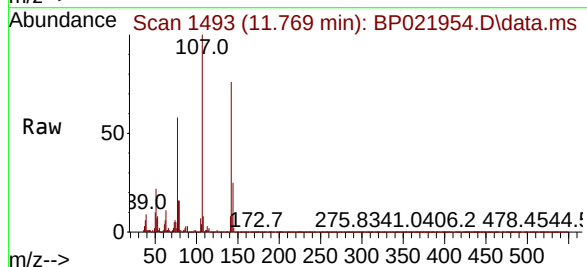
Tgt Ion:113 Resp: 13519
Ion Ratio Lower Upper
113 100
55 140.0 119.4 159.4
56 119.8 97.1 137.1

Manual Integrations
APPROVED

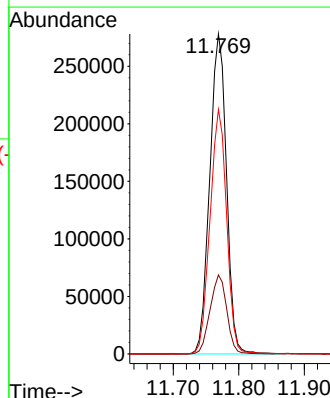
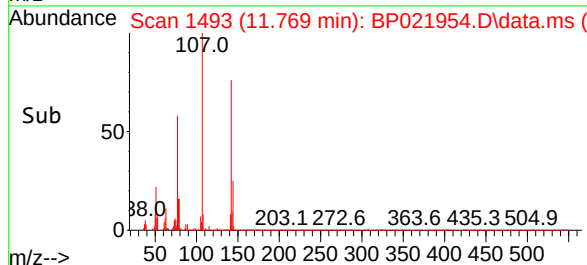
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

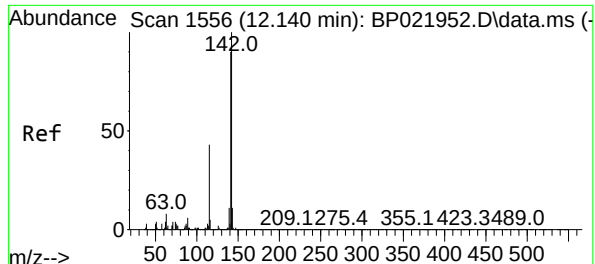


#36
4-Chloro-3-methylphenol
Concen: 63.924 ng
RT: 11.769 min Scan# 1493
Delta R.T. 0.012 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02



Tgt Ion:107 Resp: 493303
Ion Ratio Lower Upper
107 100
144 24.7 19.0 28.4
142 76.4 60.4 90.6





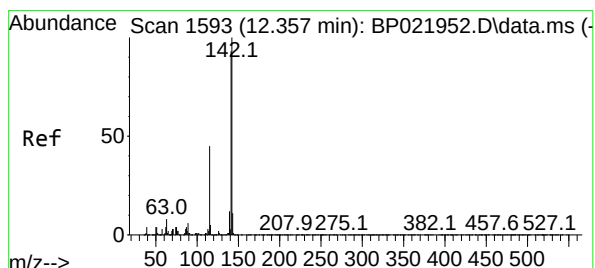
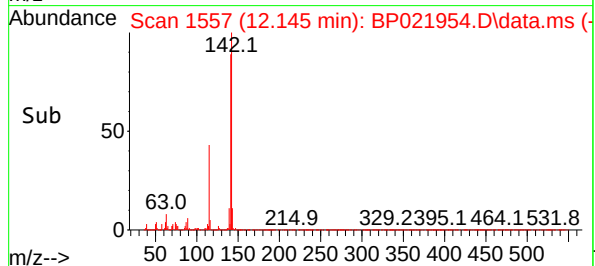
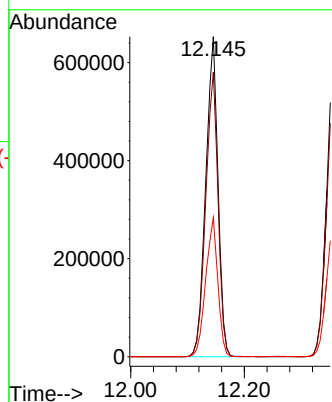
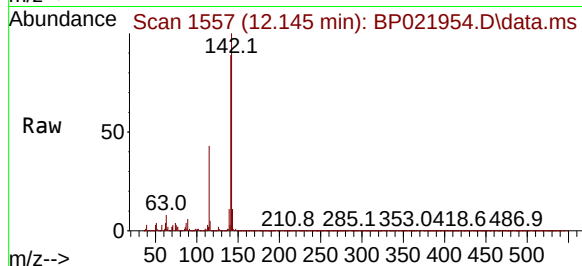
#37
2-Methylnaphthalene
Concen: 61.244 ng
RT: 12.145 min Scan# 1557
Delta R.T. 0.006 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.7	107.5
115	43.4	34.6	51.8

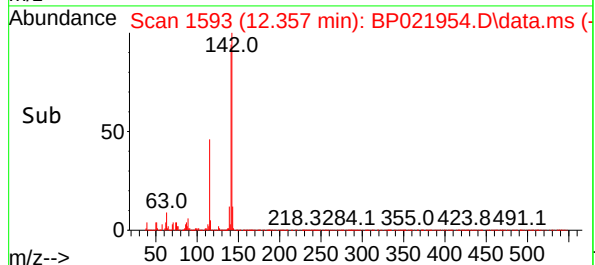
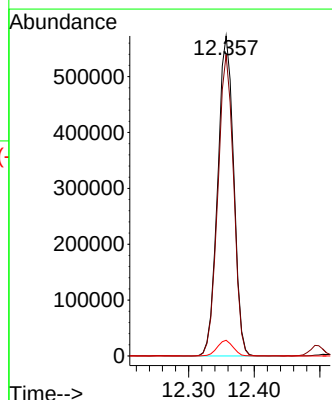
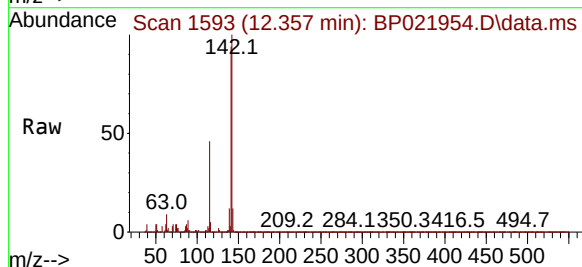
Manual Integrations
APPROVED

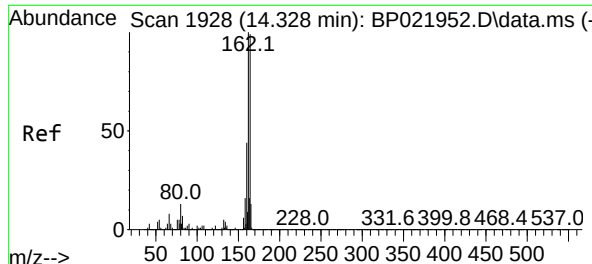
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#38
1-Methylnaphthalene
Concen: 61.457 ng
RT: 12.357 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

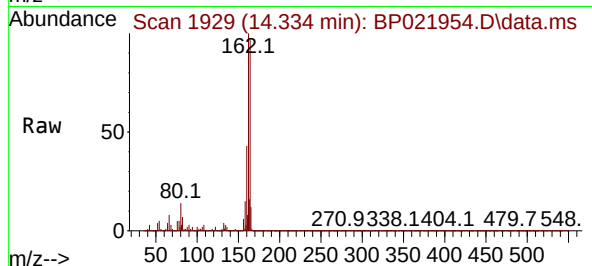
Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.1	74.1	111.1
116	4.9	3.8	5.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1928
Delta R.T. 0.006 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

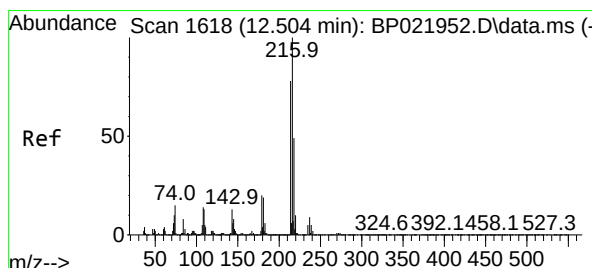
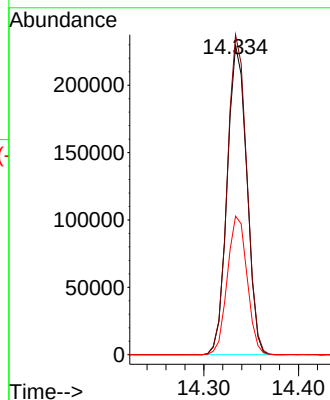
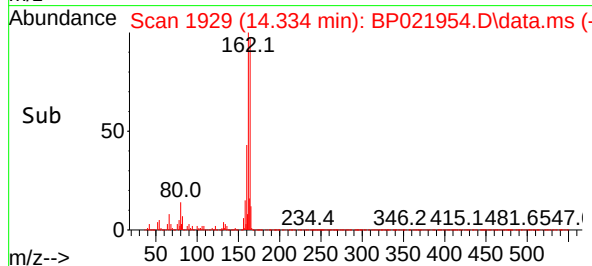
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:164 Resp: 33035
Ion Ratio Lower Upper
164 100
162 103.4 81.2 121.8
160 44.8 35.9 53.9

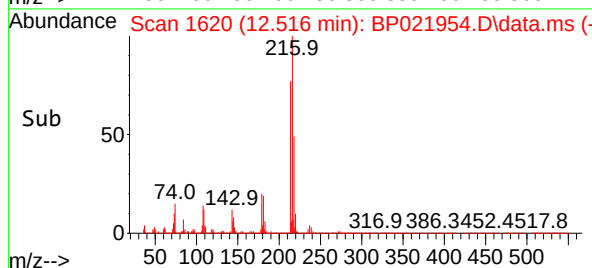
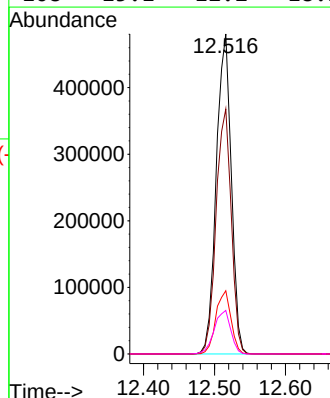
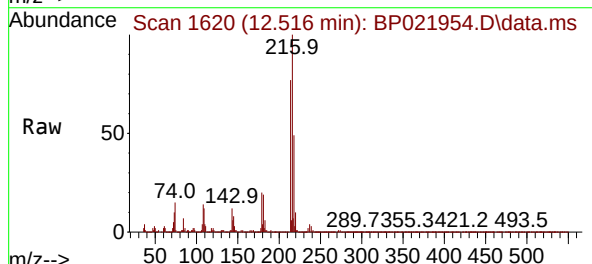
Manual Integrations
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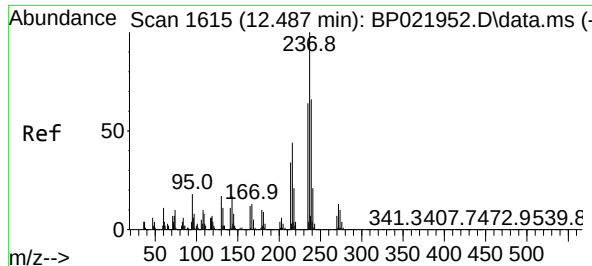
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 60.601 ng
RT: 12.516 min Scan# 1620
Delta R.T. 0.012 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

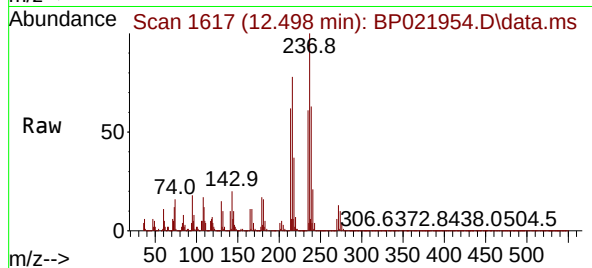
Tgt Ion:216 Resp: 700427
Ion Ratio Lower Upper
216 100
214 77.5 62.8 94.2
179 20.0 16.4 24.6
108 15.1 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 63.395 ng
RT: 12.498 min Scan# 1617
Delta R.T. 0.012 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

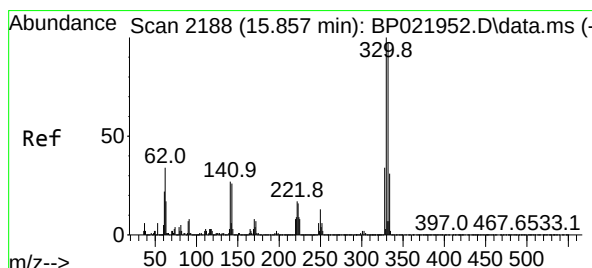
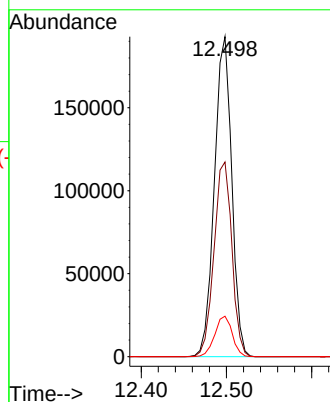
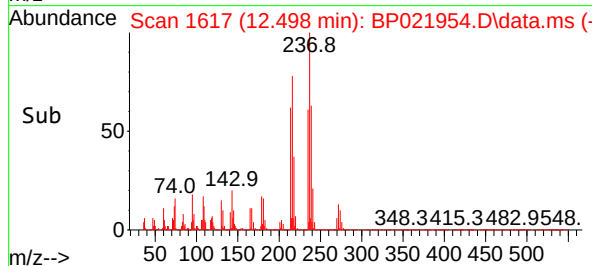
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion: 237 Resp: 27224
Ion Ratio Lower Upper
237 100
235 60.8 44.1 84.1
272 12.7 0.0 33.1

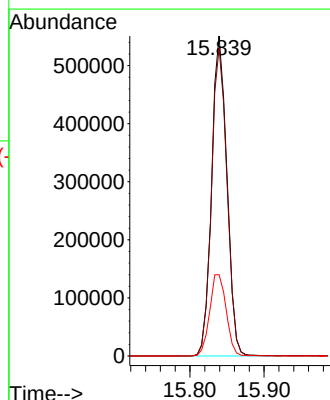
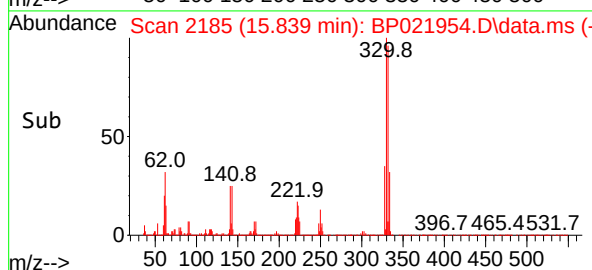
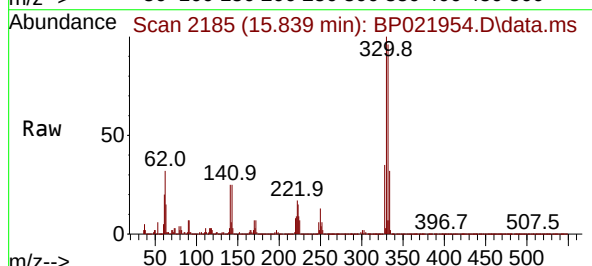
Manual Integrations
APPROVED

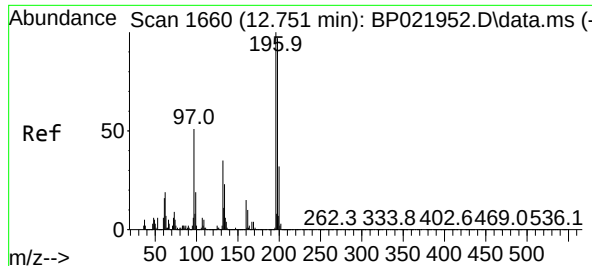
Reviewed By : Jagrut Upadhyay 09/20/2024
Supervised By : mohammad ahmed 09/22/2024



#42
2,4,6-Tribromophenol
Concen: 128.918 ng
RT: 15.839 min Scan# 2185
Delta R.T. -0.018 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

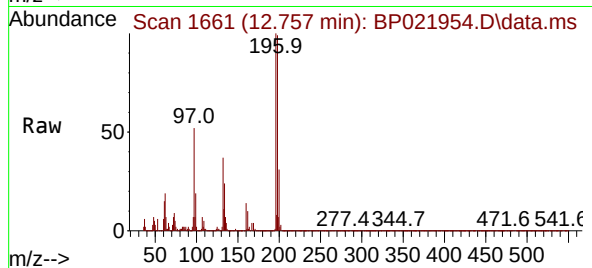
Tgt Ion: 330 Resp: 789550
Ion Ratio Lower Upper
330 100
332 97.2 77.5 116.3
141 27.4 23.4 35.0





#43
2,4,6-Trichlorophenol
Concen: 62.584 ng
RT: 12.757 min Scan# 1661
Delta R.T. 0.006 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

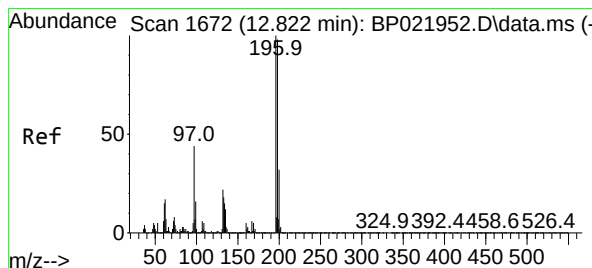
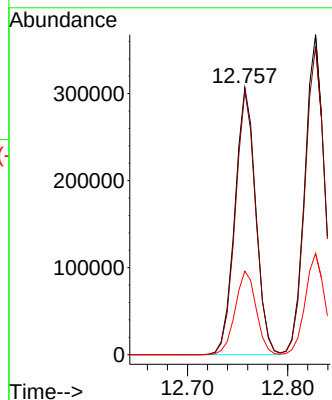
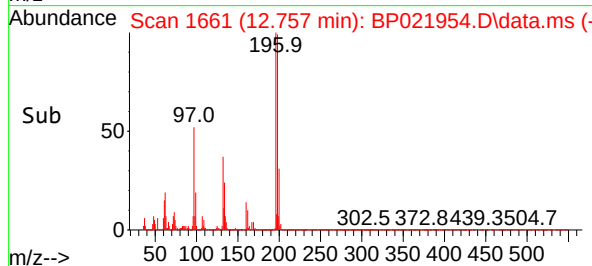
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:196 Resp: 443980
Ion Ratio Lower Upper
196 100
198 98.8 77.6 116.4
200 31.2 25.8 38.6

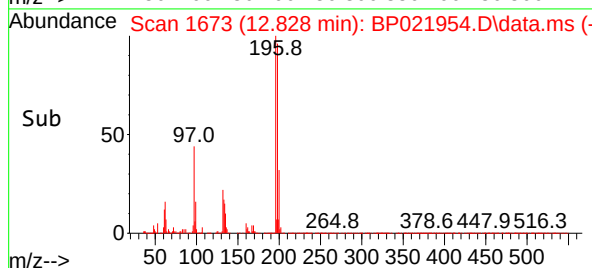
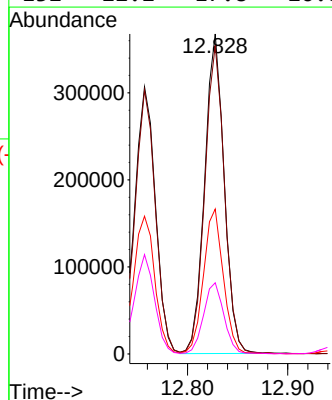
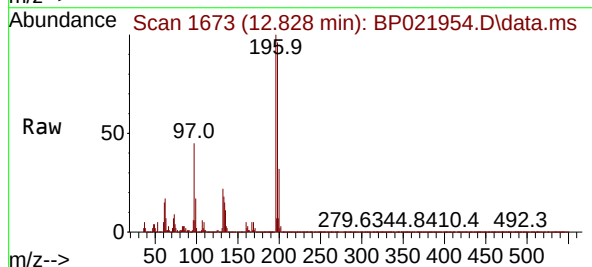
Manual Integrations
APPROVED

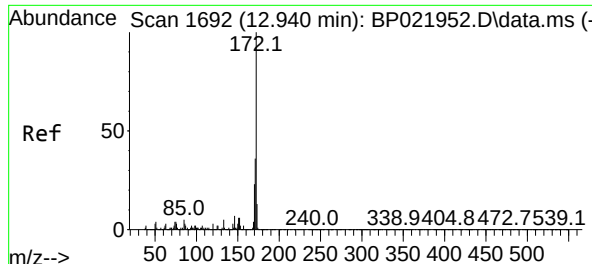
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#44
2,4,5-Trichlorophenol
Concen: 62.746 ng
RT: 12.828 min Scan# 1673
Delta R.T. 0.006 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

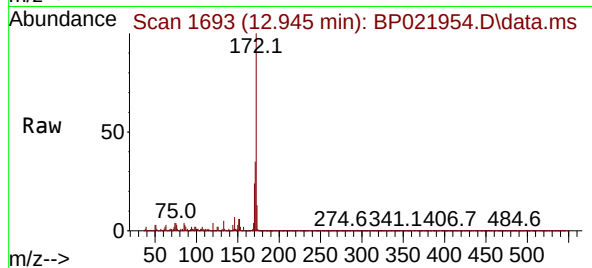
Tgt Ion:196 Resp: 499338
Ion Ratio Lower Upper
196 100
198 96.4 78.2 117.4
97 45.3 35.0 52.4
132 22.2 17.8 26.8





#45
2-Fluorobiphenyl
Concen: 119.589 ng
RT: 12.945 min Scan# 1692
Delta R.T. 0.006 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

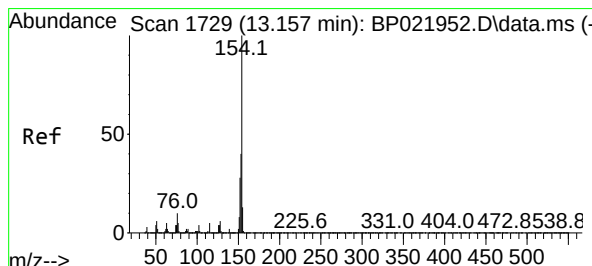
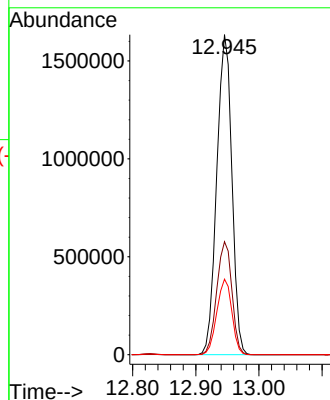
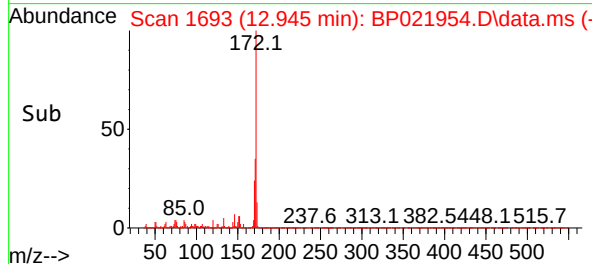
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



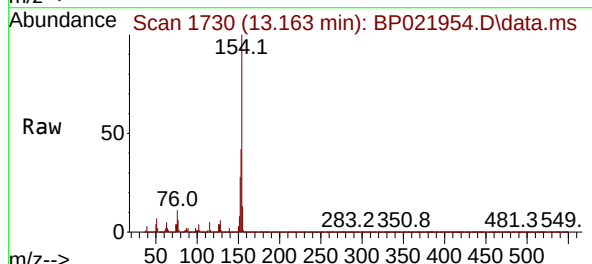
Tgt Ion:172 Resp: 270639
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.6 18.8 28.2

Manual Integrations
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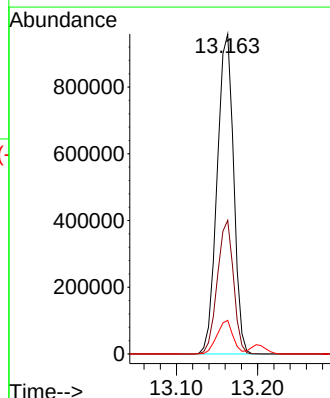
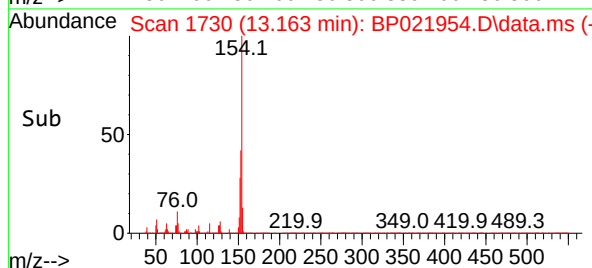
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

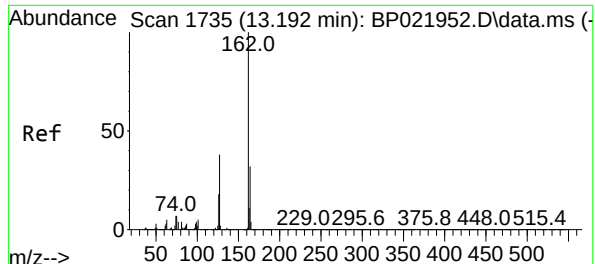


#46
1,1'-Biphenyl
Concen: 60.114 ng
RT: 13.163 min Scan# 1730
Delta R.T. 0.006 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02



Tgt Ion:154 Resp: 1354062
Ion Ratio Lower Upper
154 100
153 41.8 20.2 60.2
76 10.5 0.0 29.9





#47

2-Chloronaphthalene

Concen: 60.628 ng

RT: 13.198 min Scan# 1735

Delta R.T. 0.006 min

Lab File: BP021954.D

Acq: 19 Sep 2024 17:02

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:162 Resp: 1104239

Ion Ratio Lower Upper

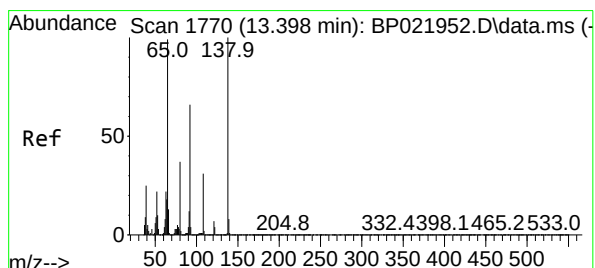
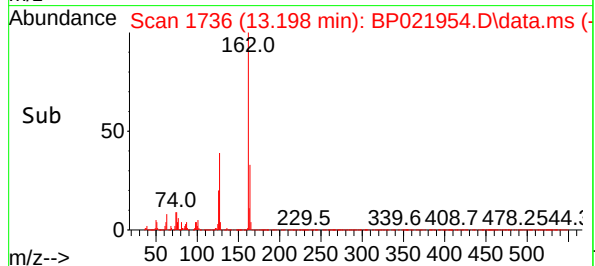
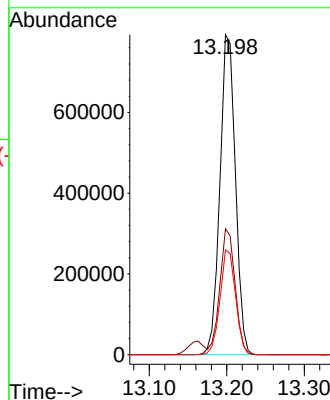
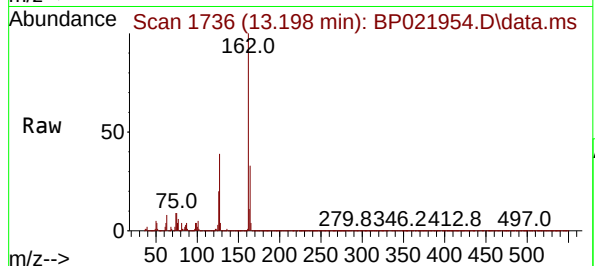
162 100

127 39.4 31.7 47.5

164 32.8 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#48

2-Nitroaniline

Concen: 64.746 ng

RT: 13.404 min Scan# 1771

Delta R.T. 0.006 min

Lab File: BP021954.D

Acq: 19 Sep 2024 17:02

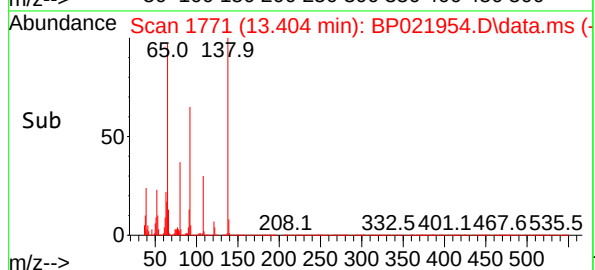
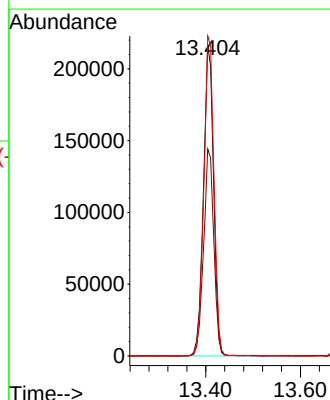
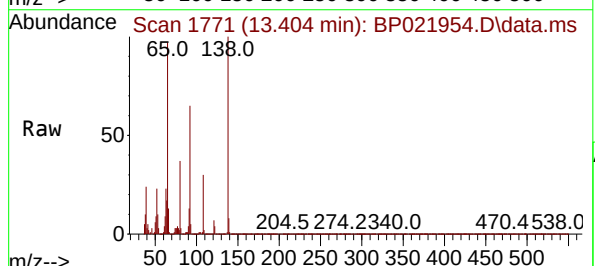
Tgt Ion: 65 Resp: 322004

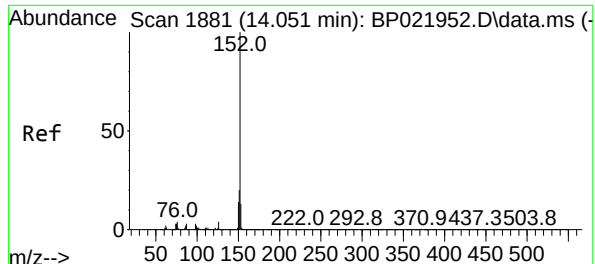
Ion Ratio Lower Upper

65 100

92 66.6 53.2 79.8

138 103.0 81.1 121.7





#49

Acenaphthylene

Concen: 61.273 ng

RT: 14.057 min Scan# 1881

Delta R.T. 0.006 min

Lab File: BP021954.D

Acq: 19 Sep 2024 17:02

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:152 Resp: 1574744

Ion Ratio Lower Upper

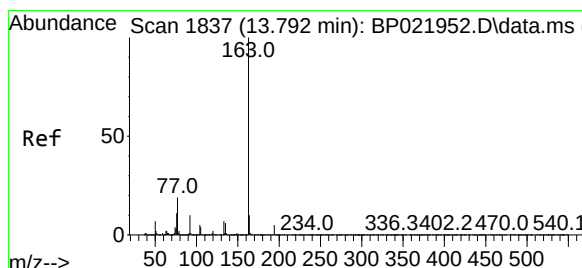
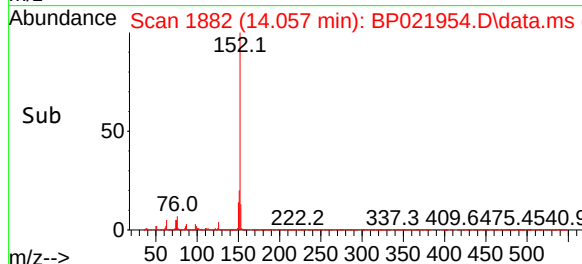
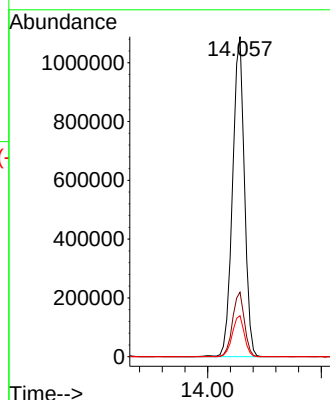
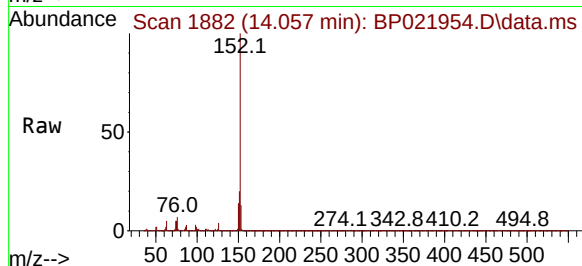
152 100

151 20.2 16.0 24.0

153 12.8 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#50

Dimethylphthalate

Concen: 60.633 ng

RT: 13.798 min Scan# 1838

Delta R.T. 0.006 min

Lab File: BP021954.D

Acq: 19 Sep 2024 17:02

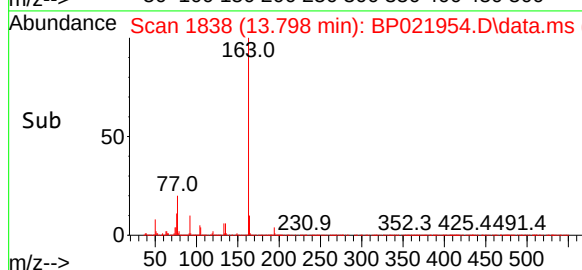
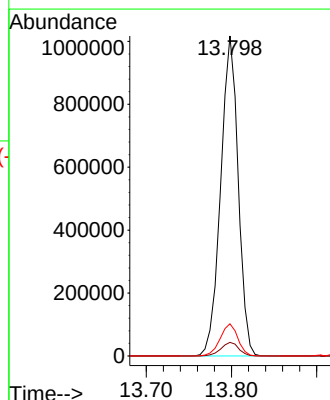
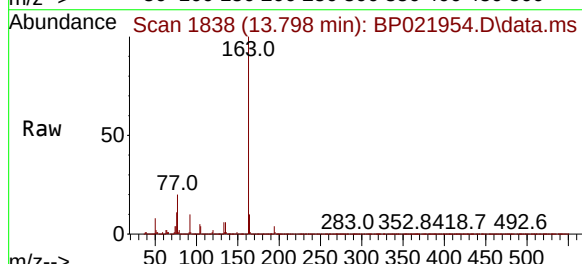
Tgt Ion:163 Resp: 1452784

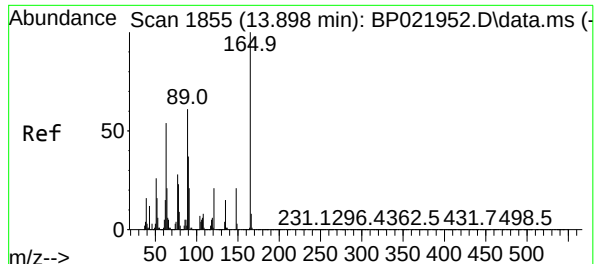
Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

164 10.1 8.0 12.0





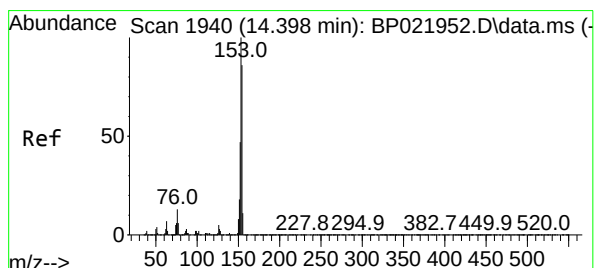
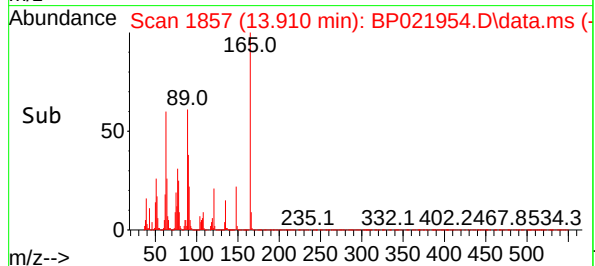
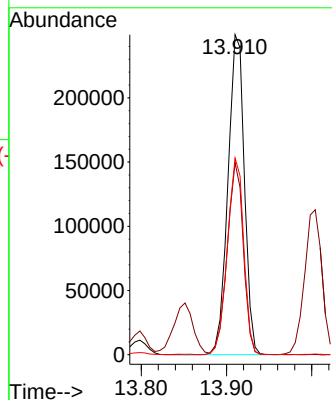
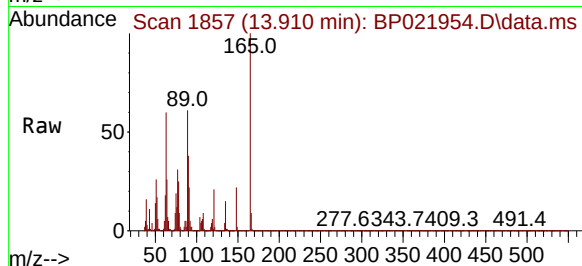
#51
2,6-Dinitrotoluene
Concen: 62.532 ng
RT: 13.910 min Scan# 1857
Delta R.T. 0.012 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 333860
Ion Ratio Lower Upper
165 100
63 60.0 46.4 69.6
89 61.5 48.5 72.7

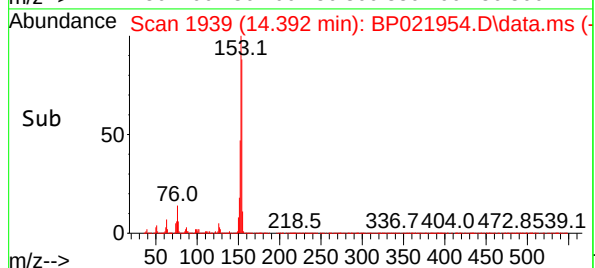
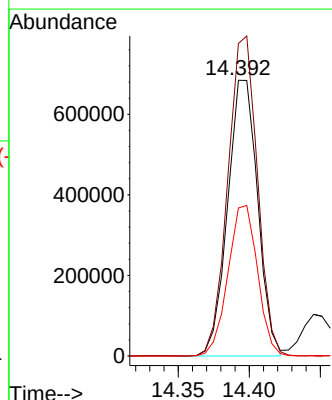
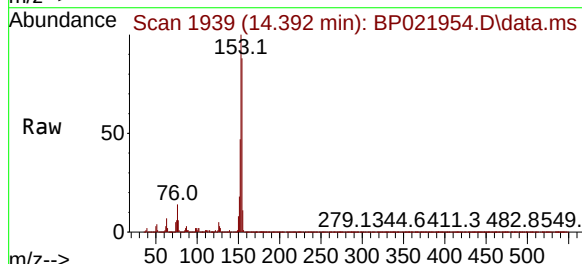
Manual Integrations
APPROVED

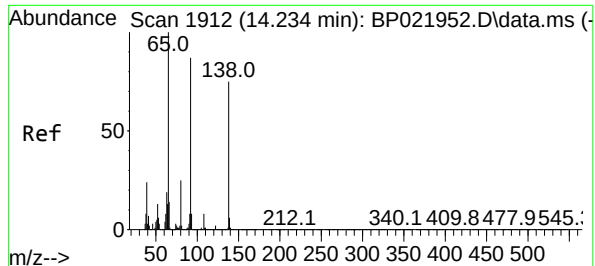
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#52
Acenaphthene
Concen: 60.239 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

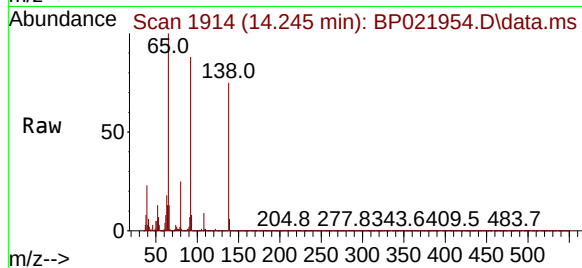
Tgt Ion:154 Resp: 1007576
Ion Ratio Lower Upper
154 100
153 113.4 92.7 139.1
152 53.7 43.6 65.4





#53
3-Nitroaniline
Concen: 62.619 ng
RT: 14.245 min Scan# 1912
Delta R.T. 0.012 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

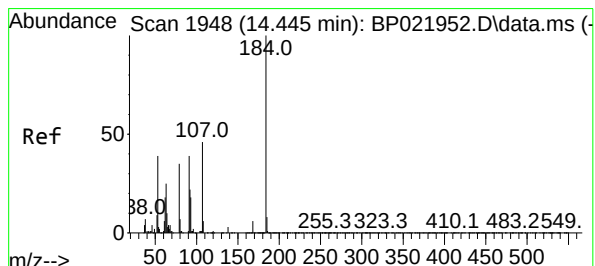
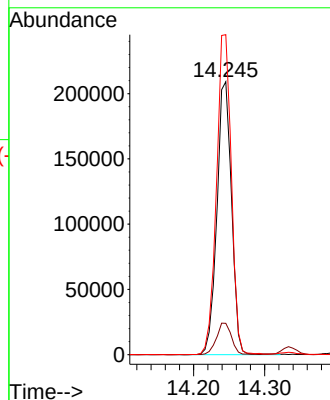
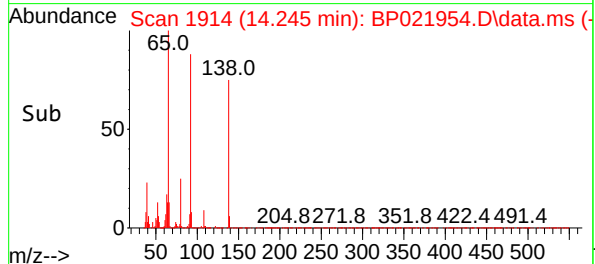
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:138 Resp: 29795
Ion Ratio Lower Upper
138 100
108 11.5 9.0 13.4
92 117.2 92.8 139.2

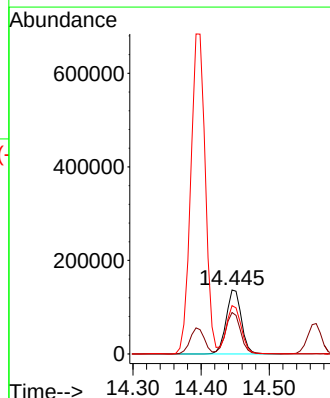
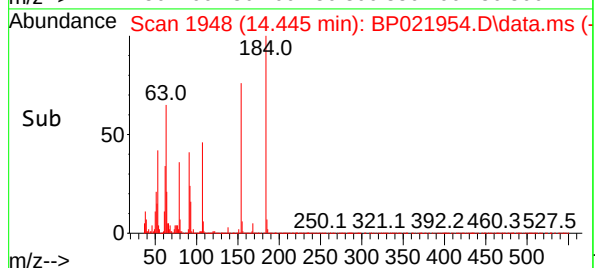
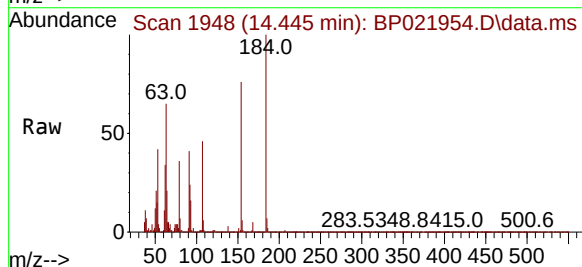
Manual Integrations
APPROVED

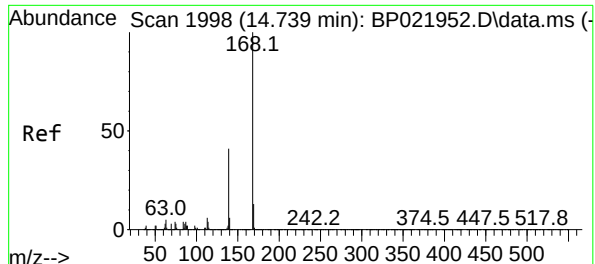
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#54
2,4-Dinitrophenol
Concen: 67.809 ng
RT: 14.445 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

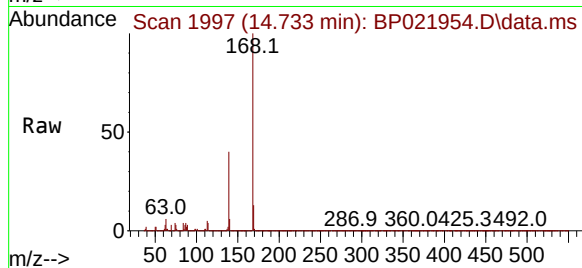
Tgt Ion:184 Resp: 212118
Ion Ratio Lower Upper
184 100
63 64.9 49.0 73.6
154 75.6 58.1 87.1





#55
Dibenzenofuran
Concen: 60.099 ng
RT: 14.733 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

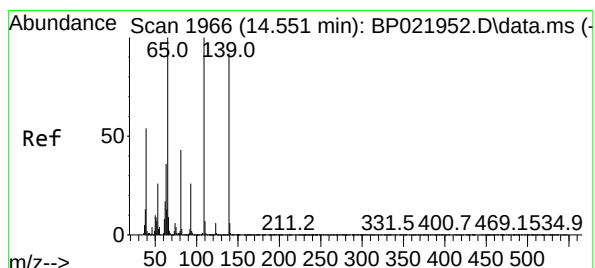
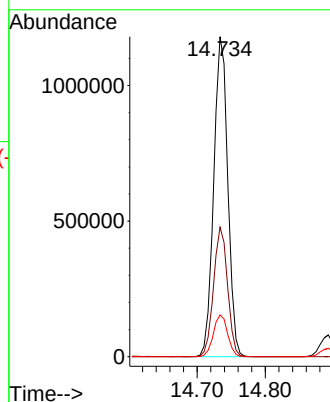
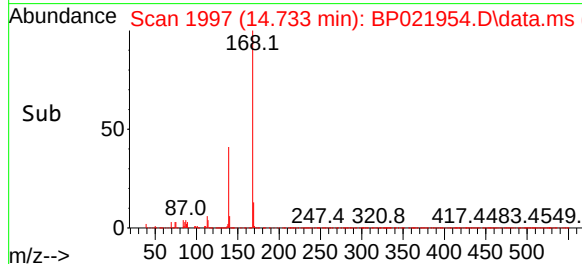
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:168 Resp: 1689650
Ion Ratio Lower Upper
168 100
139 40.5 33.0 49.4
169 13.1 10.7 16.1

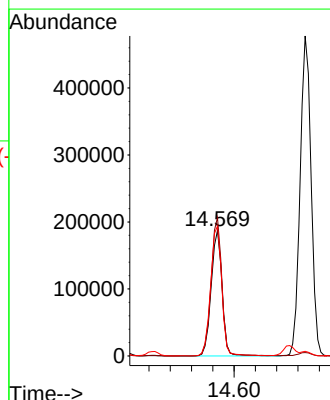
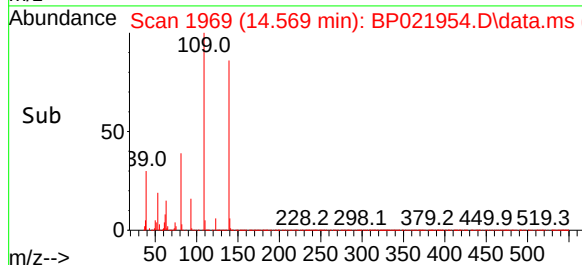
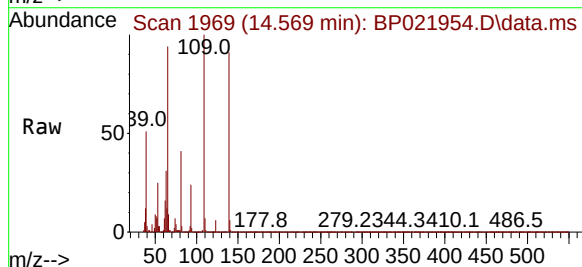
Manual Integrations
APPROVED

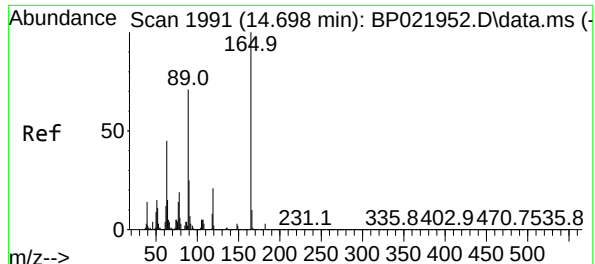
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#56
4-Nitrophenol
Concen: 64.371 ng
RT: 14.569 min Scan# 1969
Delta R.T. 0.018 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

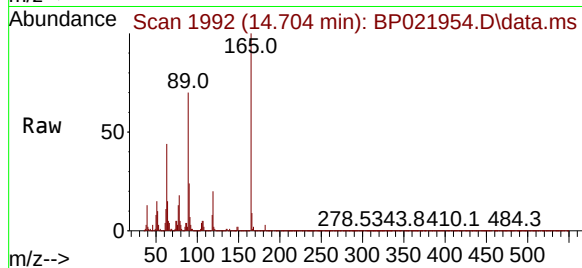
Tgt Ion:139 Resp: 266606
Ion Ratio Lower Upper
139 100
109 110.5 88.6 128.6
65 103.5 88.7 128.7





#57
2,4-Dinitrotoluene
Concen: 63.934 ng
RT: 14.704 min Scan# 1991
Delta R.T. 0.006 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

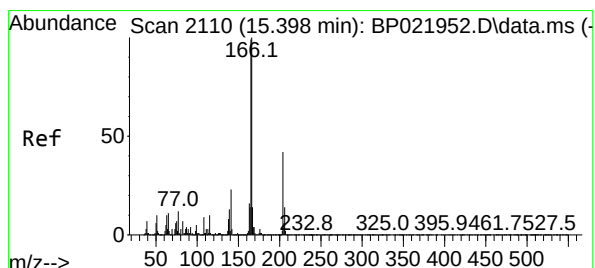
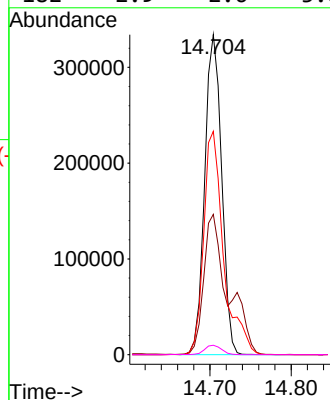
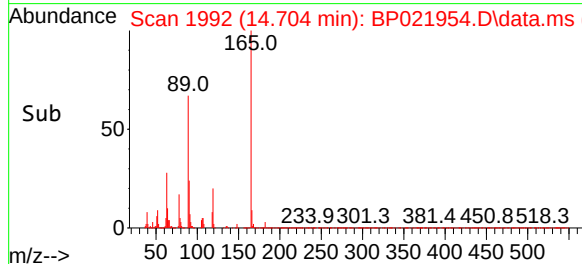
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:165 Resp: 482549
Ion Ratio Lower Upper
165 100
63 43.8 36.3 54.5
89 69.8 57.2 85.8
182 2.9 2.6 3.8

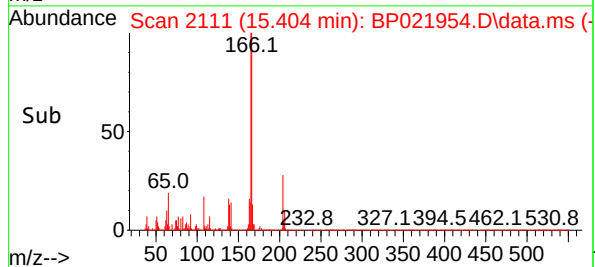
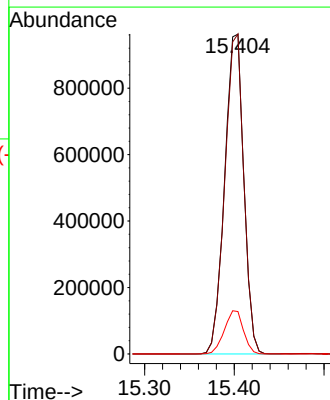
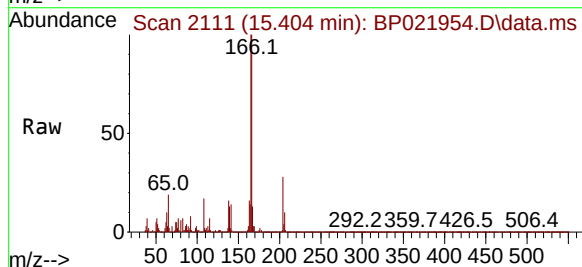
Manual Integrations
APPROVED

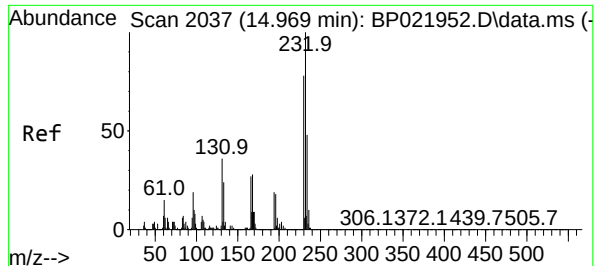
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#58
Fluorene
Concen: 60.649 ng
RT: 15.404 min Scan# 2111
Delta R.T. 0.006 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

Tgt Ion:166 Resp: 1423959
Ion Ratio Lower Upper
166 100
165 100.1 79.4 119.2
167 13.2 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 63.150 ng

RT: 14.975 min Scan# 2038

Delta R.T. 0.006 min

Lab File: BP021954.D

Acq: 19 Sep 2024 17:02

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:232 Resp: 485018

Ion Ratio Lower Upper

232 100

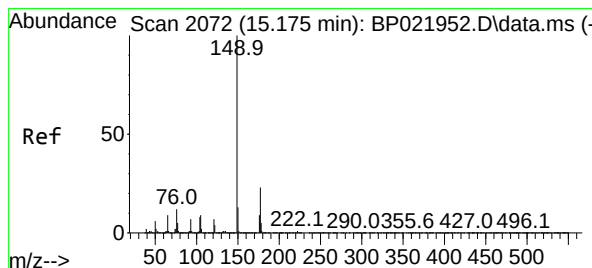
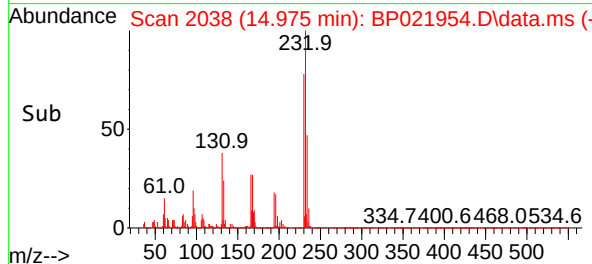
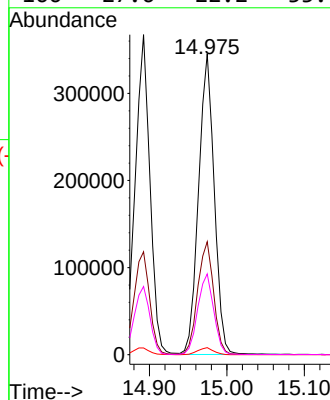
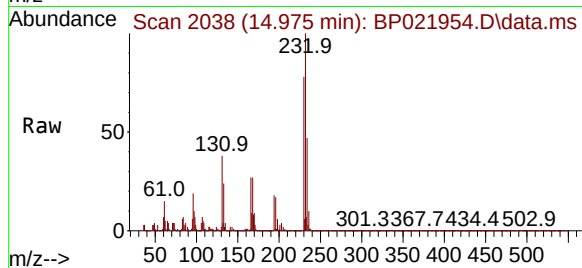
131 38.3 30.2 45.4

130 2.3 1.9 2.9

166 27.6 22.2 33.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#60

Diethylphthalate

Concen: 62.534 ng

RT: 15.181 min Scan# 2073

Delta R.T. 0.006 min

Lab File: BP021954.D

Acq: 19 Sep 2024 17:02

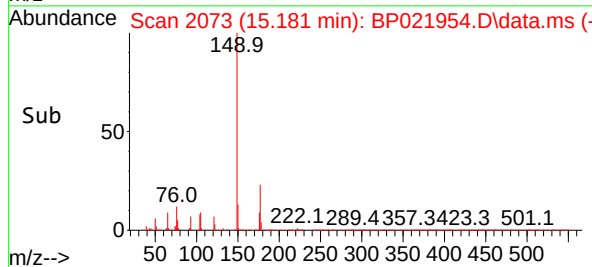
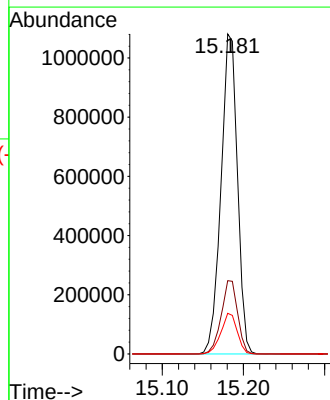
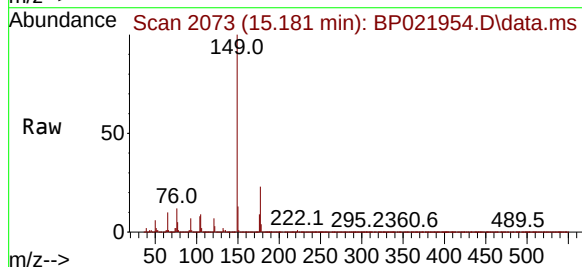
Tgt Ion:149 Resp: 1522548

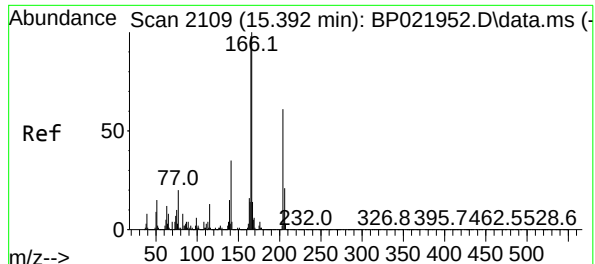
Ion Ratio Lower Upper

149 100

177 22.9 18.2 27.4

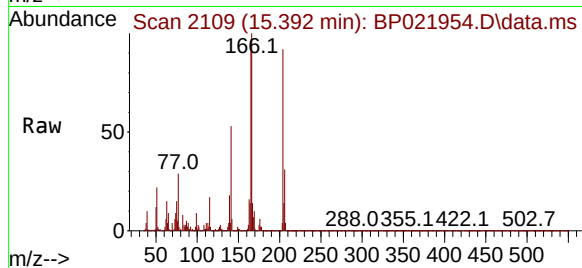
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 61.732 ng
RT: 15.392 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

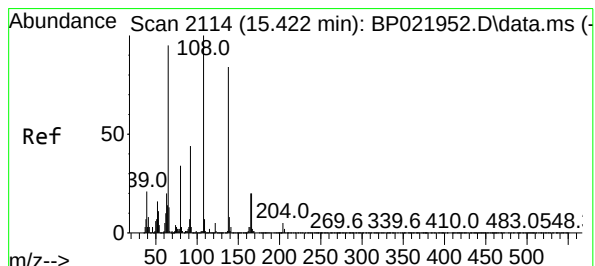
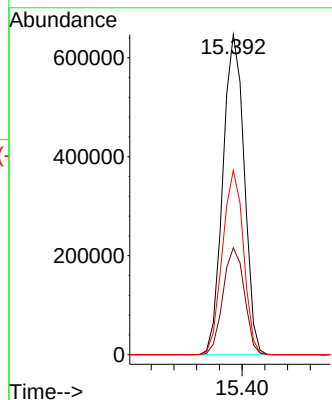
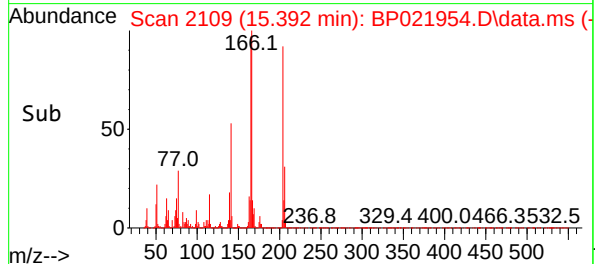
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:204 Resp: 84380
Ion Ratio Lower Upper
204 100
206 33.4 27.3 40.9
141 57.6 45.7 68.5

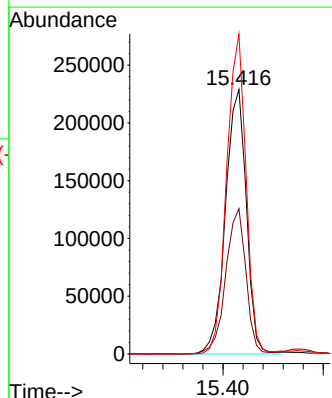
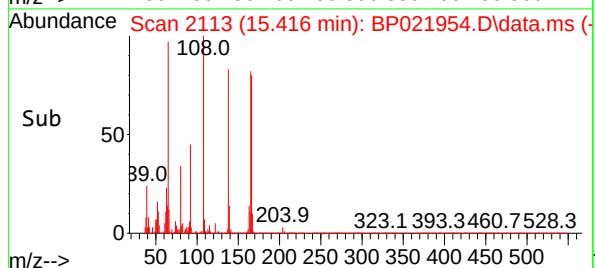
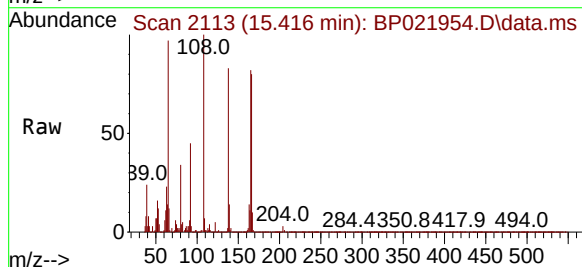
Manual Integrations
APPROVED

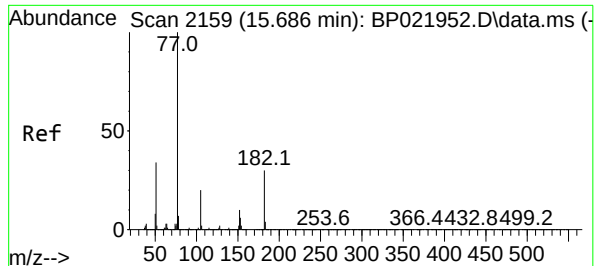
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#62
4-Nitroaniline
Concen: 63.663 ng
RT: 15.416 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

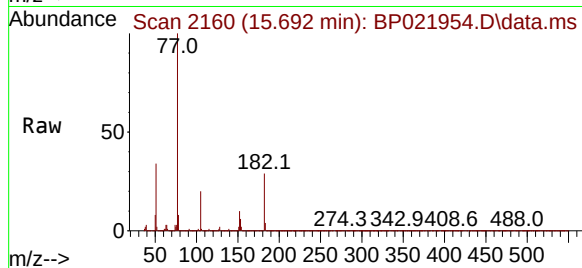
Tgt Ion:138 Resp: 330813
Ion Ratio Lower Upper
138 100
92 54.9 32.6 72.6
108 121.0 98.6 138.6





#63
Azobenzene
Concen: 60.530 ng
RT: 15.692 min Scan# 2159
Delta R.T. 0.006 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

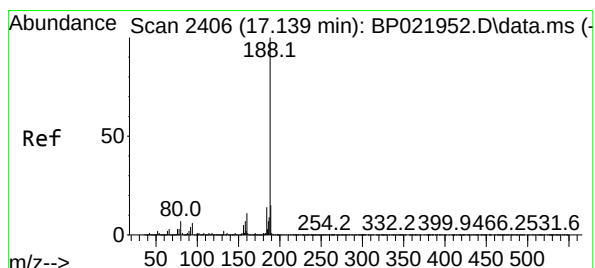
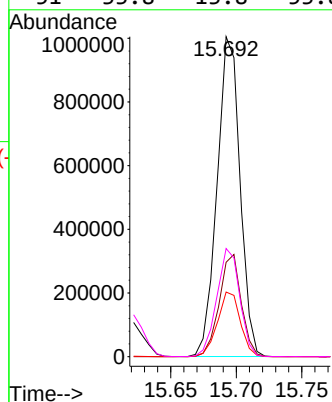
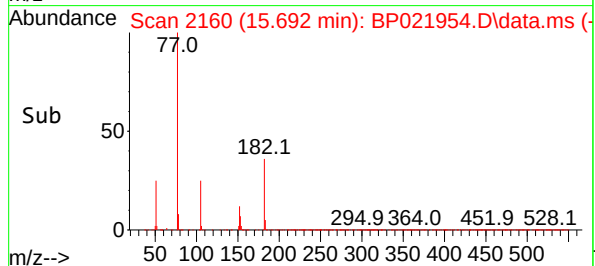
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion: 77 Resp: 1219580
Ion Ratio Lower Upper
77 100
182 29.5 9.6 49.6
105 20.2 0.0 39.8
51 33.8 13.8 53.8

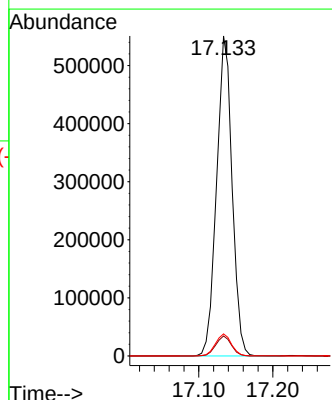
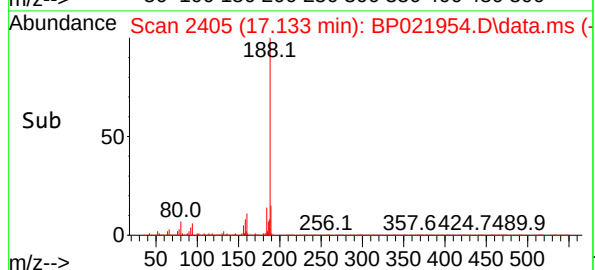
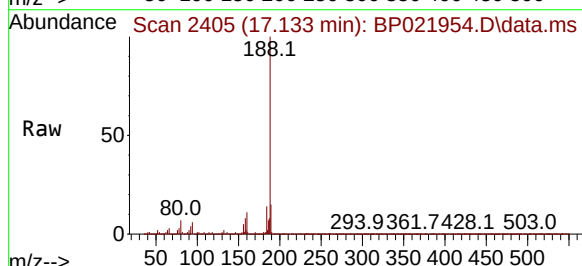
Manual Integrations
APPROVED

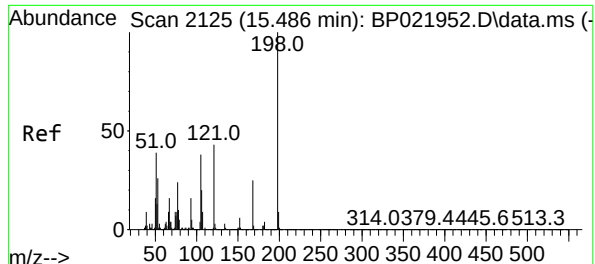
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

Tgt Ion:188 Resp: 799483
Ion Ratio Lower Upper
188 100
94 6.2 4.6 6.8
80 6.9 5.4 8.2





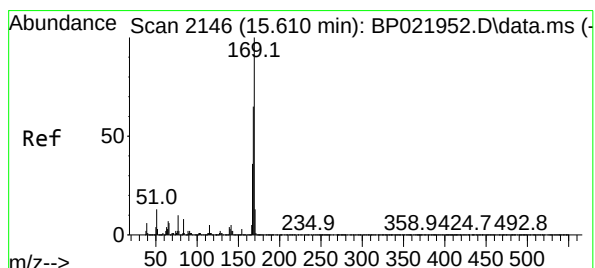
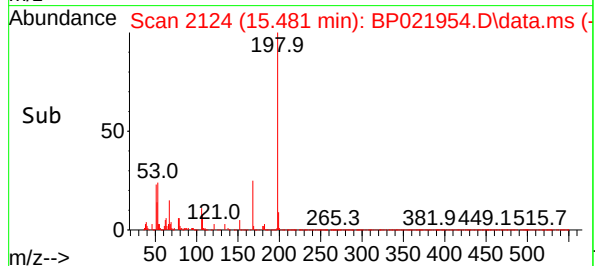
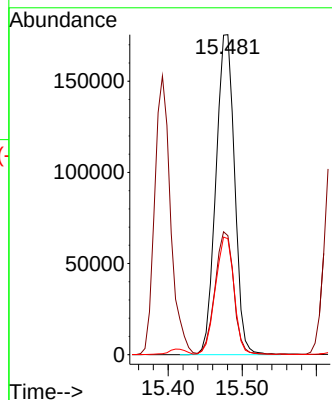
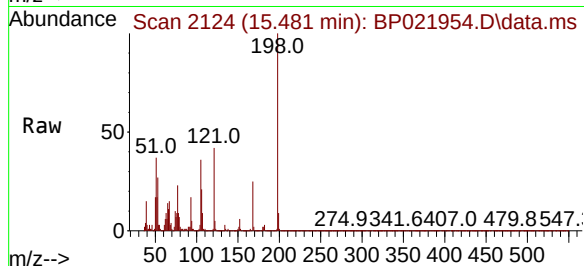
#65
4,6-Dinitro-2-methylphenol
Concen: 66.427 ng
RT: 15.481 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 30782
Ion Ratio Lower Upper
198 100
51 37.2 20.7 60.7
105 36.2 18.4 58.4

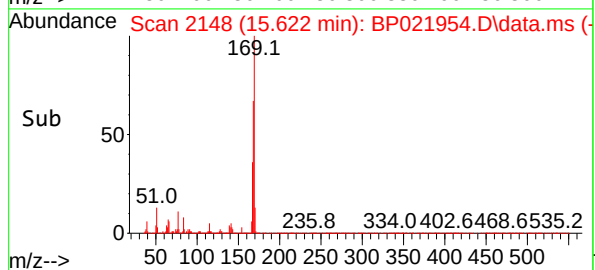
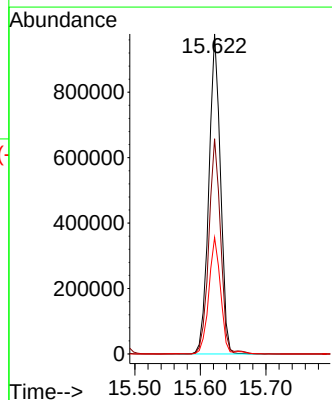
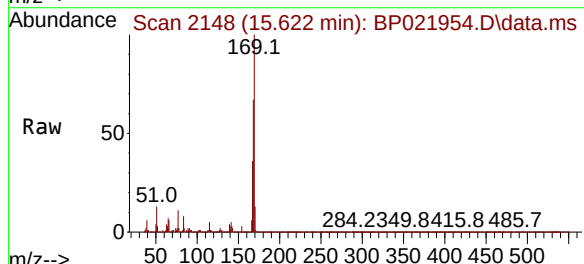
Manual Integrations
APPROVED

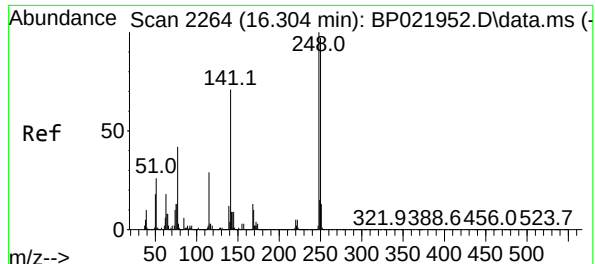
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#66
n-Nitrosodiphenylamine
Concen: 60.644 ng
RT: 15.622 min Scan# 2148
Delta R.T. 0.012 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

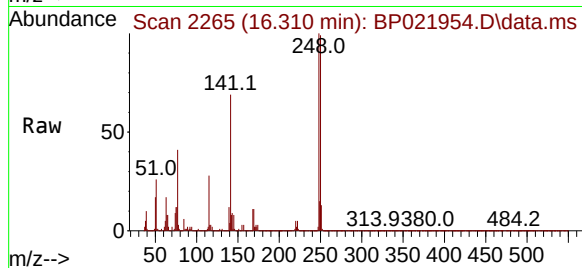
Tgt Ion:169 Resp: 1207245
Ion Ratio Lower Upper
169 100
168 67.2 52.2 78.4
167 36.4 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 61.521 ng
RT: 16.310 min Scan# 2265
Delta R.T. 0.006 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

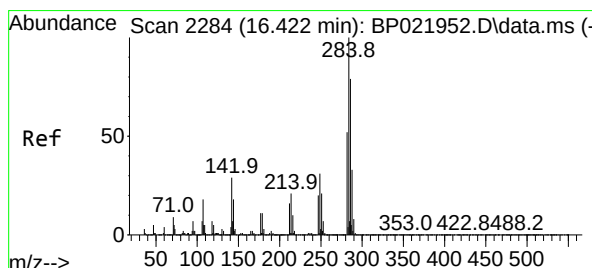
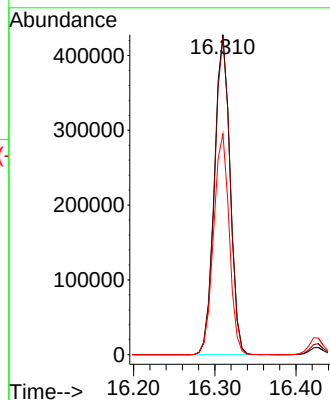
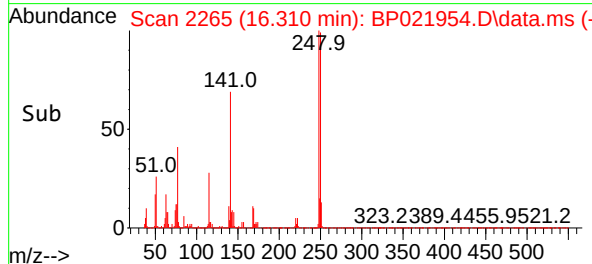
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:248 Resp: 573358
Ion Ratio Lower Upper
248 100
250 98.9 77.5 116.3
141 69.0 56.5 84.7

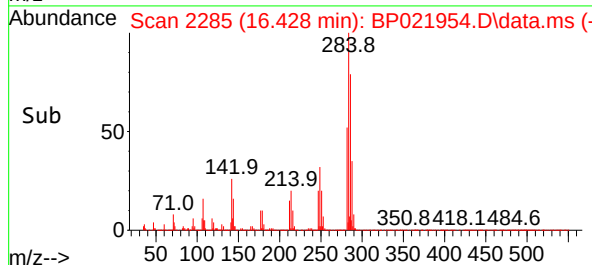
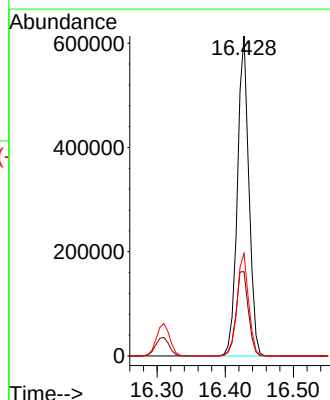
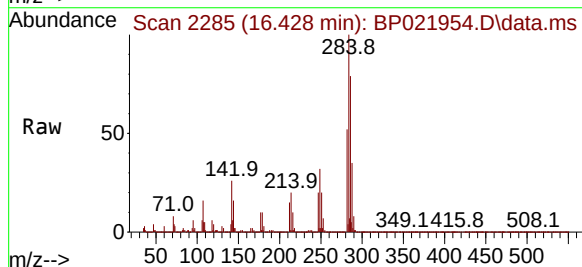
Manual Integrations
APPROVED

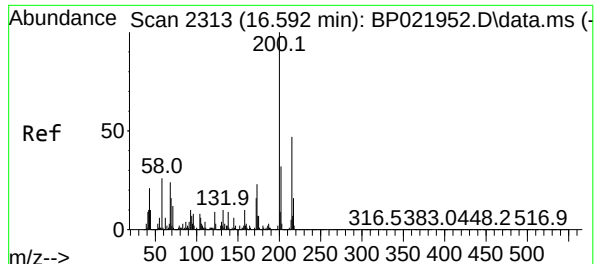
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#68
Hexachlorobenzene
Concen: 61.777 ng
RT: 16.428 min Scan# 2285
Delta R.T. 0.006 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

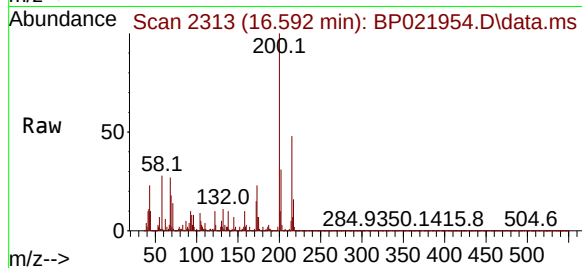
Tgt Ion:284 Resp: 717810
Ion Ratio Lower Upper
284 100
142 26.3 22.9 34.3
249 32.0 25.2 37.8





#69
Atrazine
Concen: 54.818 ng
RT: 16.592 min Scan# 2313
Delta R.T. -0.000 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

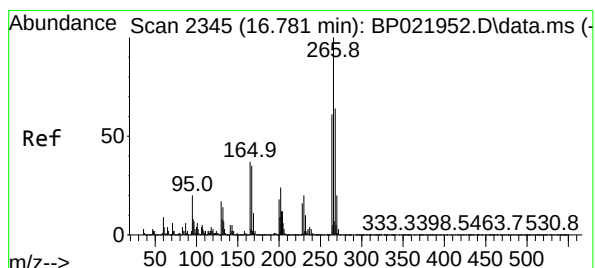
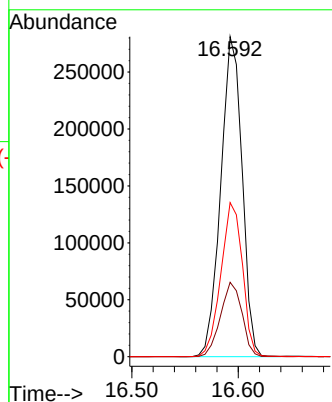
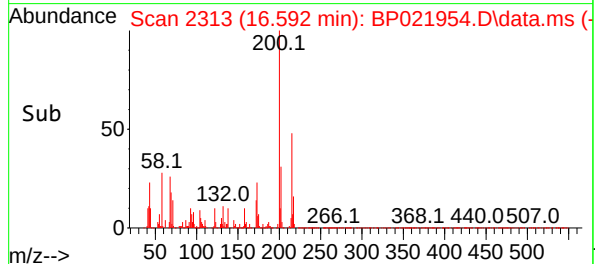
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:200 Resp: 390980
Ion Ratio Lower Upper
200 100
173 23.2 3.0 43.0
215 48.2 27.4 67.4

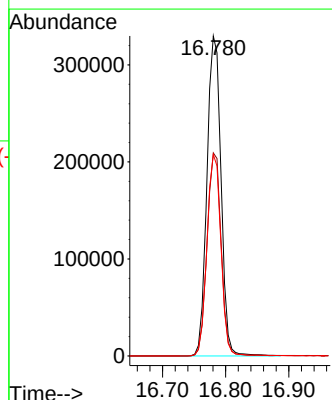
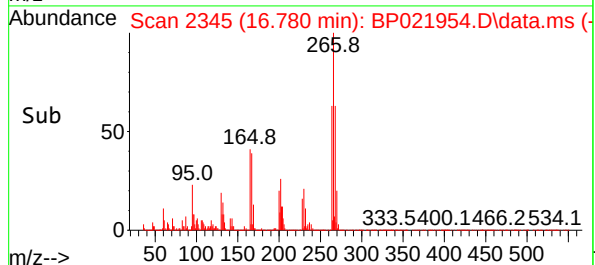
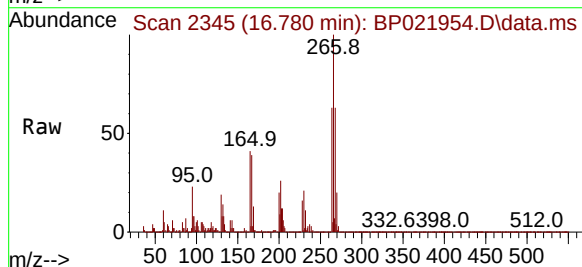
Manual Integrations
APPROVED

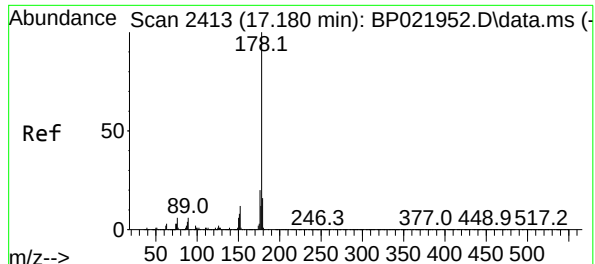
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#70
Pentachlorophenol
Concen: 65.193 ng
RT: 16.780 min Scan# 2345
Delta R.T. -0.000 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

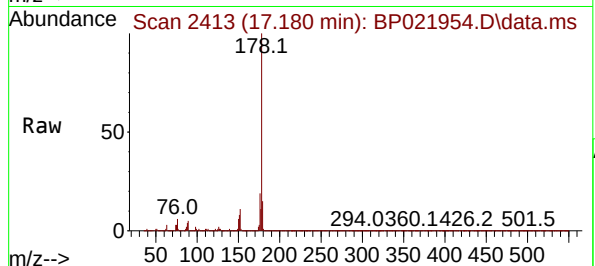
Tgt Ion:266 Resp: 509638
Ion Ratio Lower Upper
266 100
268 63.5 51.1 76.7
264 62.9 48.6 72.8





#71
Phenanthrene
Concen: 60.480 ng
RT: 17.180 min Scan# 2413
Delta R.T. -0.000 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

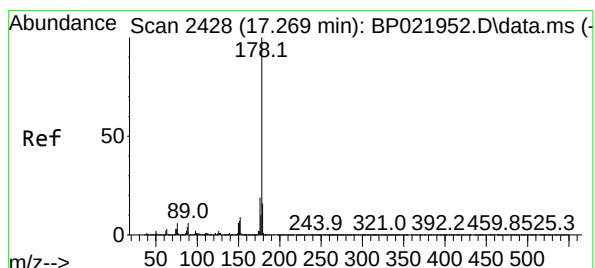
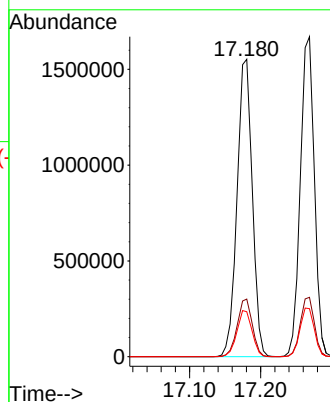
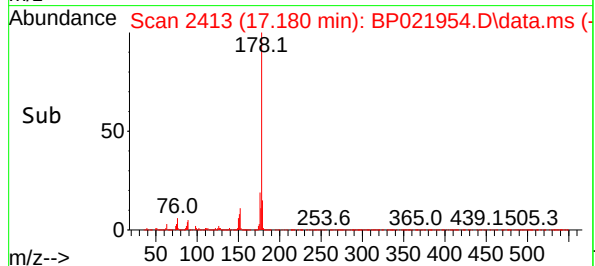
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:178 Resp: 232110
Ion Ratio Lower Upper
178 100
176 19.3 15.9 23.9
179 15.1 12.5 18.7

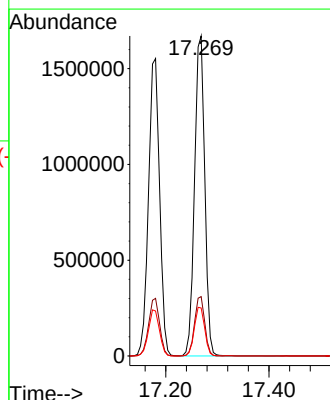
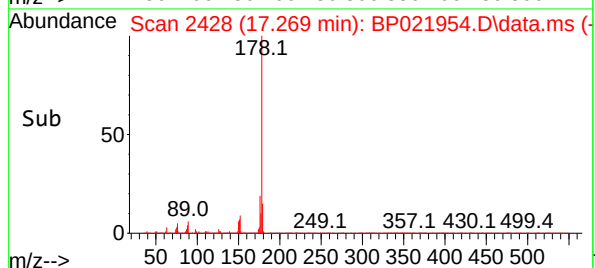
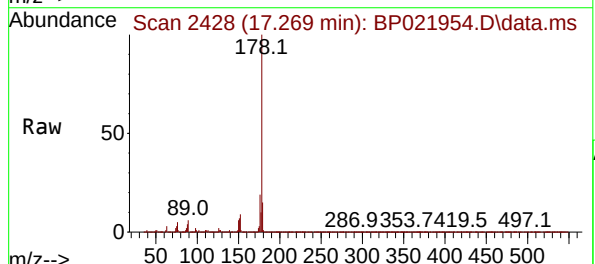
Manual Integrations
APPROVED

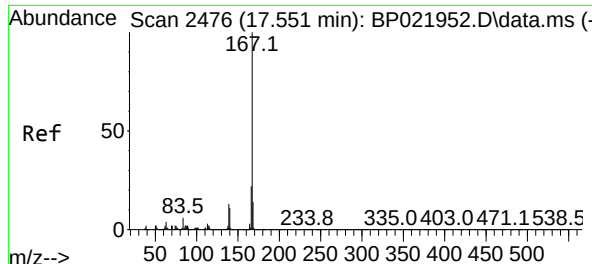
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#72
Anthracene
Concen: 61.612 ng
RT: 17.269 min Scan# 2428
Delta R.T. -0.000 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

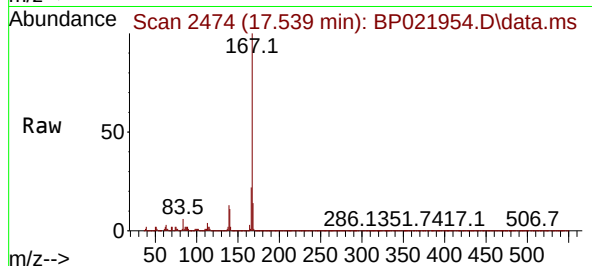
Tgt Ion:178 Resp: 2288943
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 15.0 12.6 18.8





#73
 Carbazole
 Concen: 60.376 ng
 RT: 17.539 min Scan# 2476
 Delta R.T. -0.012 min
 Lab File: BP021954.D
 Acq: 19 Sep 2024 17:02

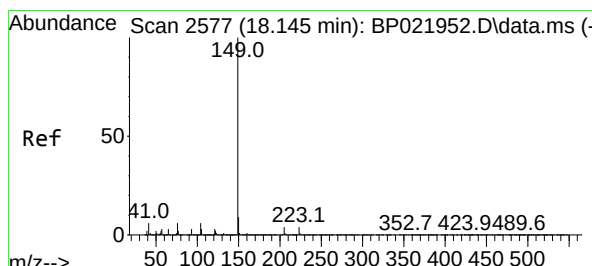
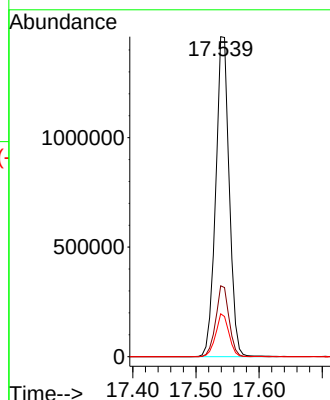
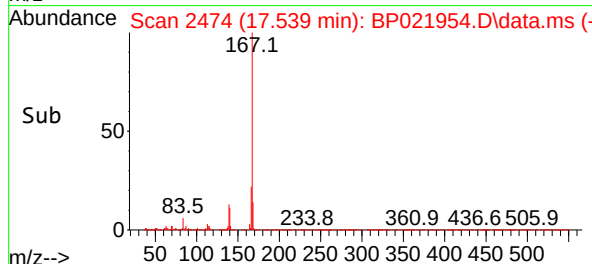
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060



Tgt Ion:167 Resp: 216638
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.0
 139 13.4 10.5 15.7

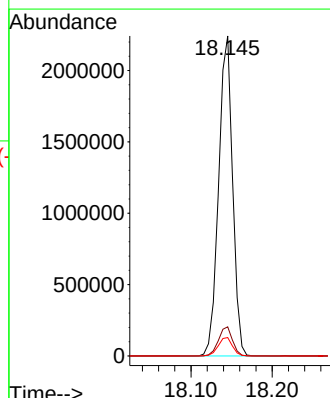
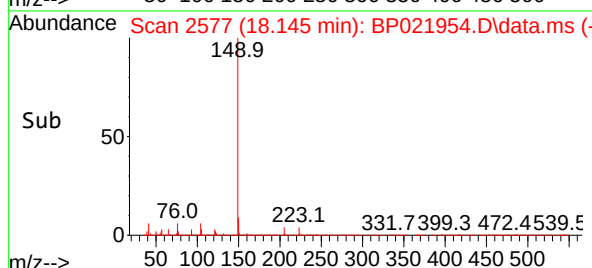
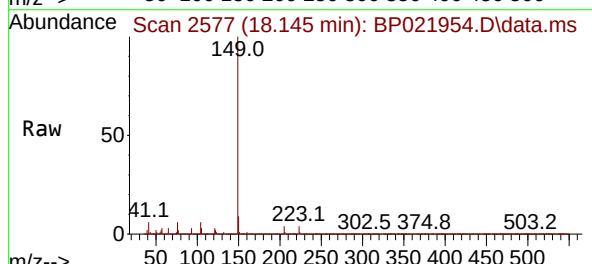
Manual Integrations
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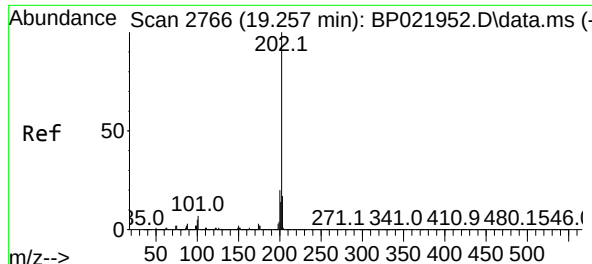
Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/22/2024



#74
 Di-n-butylphthalate
 Concen: 63.641 ng
 RT: 18.145 min Scan# 2577
 Delta R.T. -0.000 min
 Lab File: BP021954.D
 Acq: 19 Sep 2024 17:02

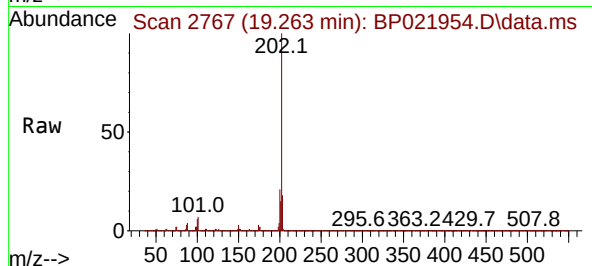
Tgt Ion:149 Resp: 2681997
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 5.7 4.6 6.8





#75
Fluoranthene
Concen: 61.061 ng
RT: 19.263 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

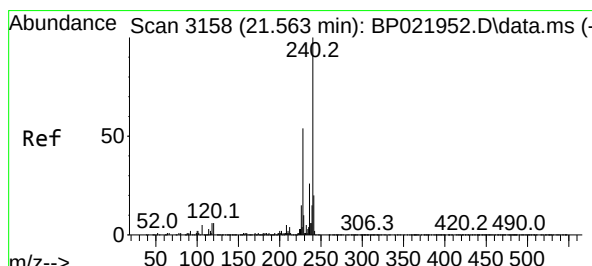
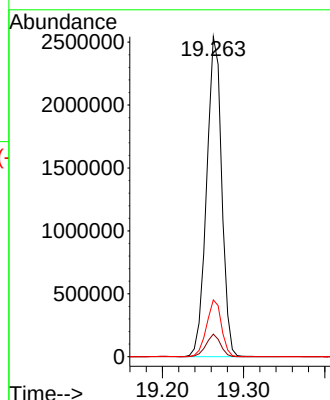
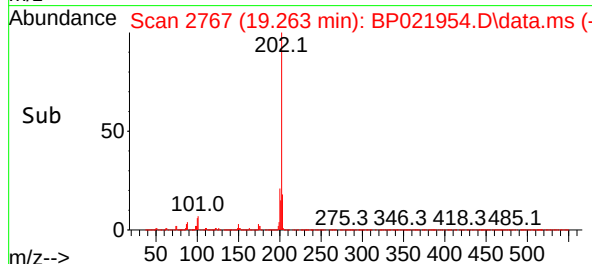
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:202 Resp: 327093
Ion Ratio Lower Upper
202 100
101 7.0 0.0 26.5
203 17.7 0.0 37.3

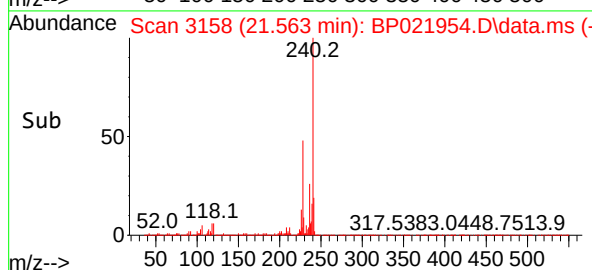
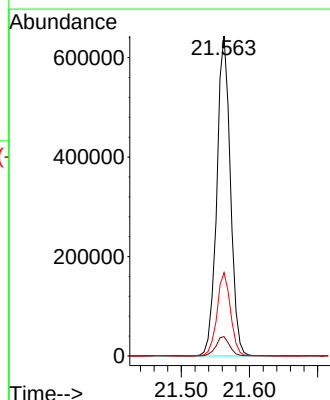
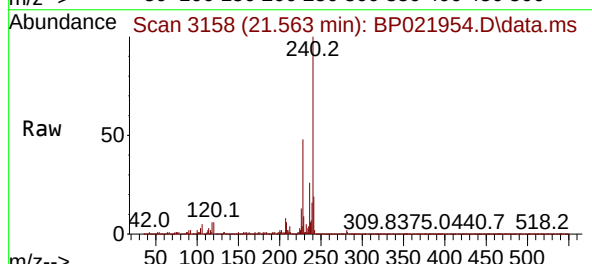
Manual Integrations
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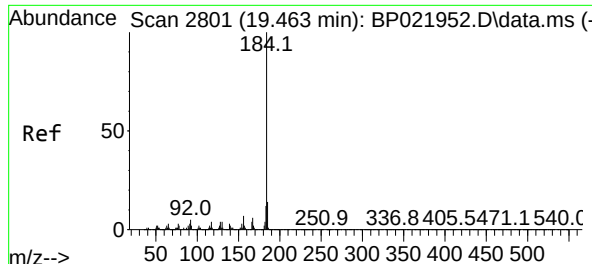
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.563 min Scan# 3158
Delta R.T. -0.000 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

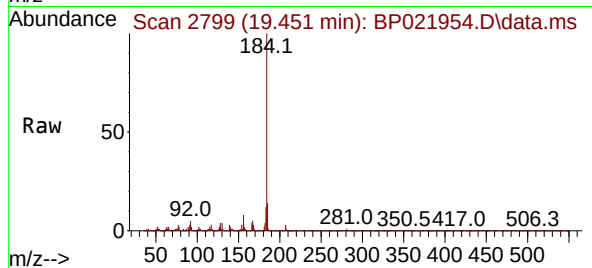
Tgt Ion:240 Resp: 890317
Ion Ratio Lower Upper
240 100
120 6.1 5.1 7.7
236 26.0 20.7 31.1





#77
Benzidine
Concen: 51.059 ng
RT: 19.451 min Scan# 2799
Delta R.T. -0.012 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

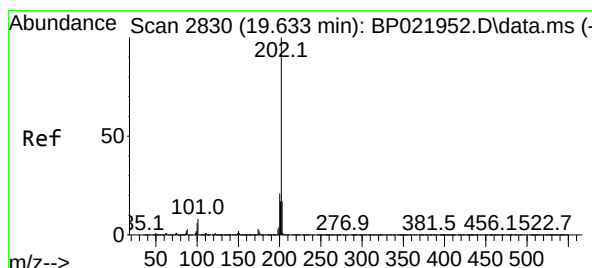
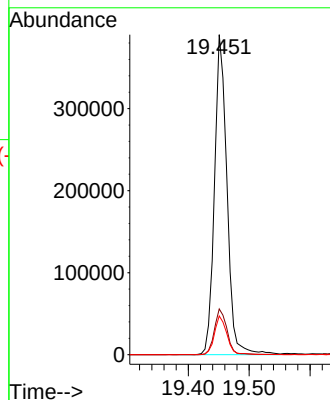
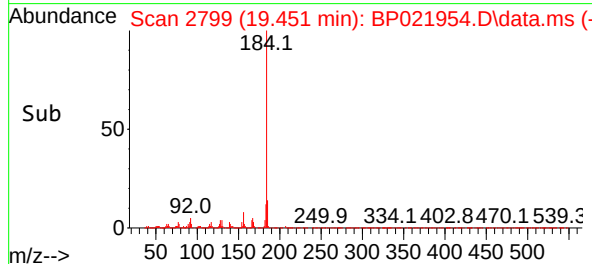
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:184 Resp: 55552
Ion Ratio Lower Upper
184 100
185 14.3 10.9 16.3
183 12.1 9.2 13.8

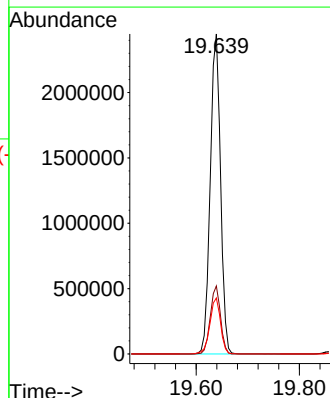
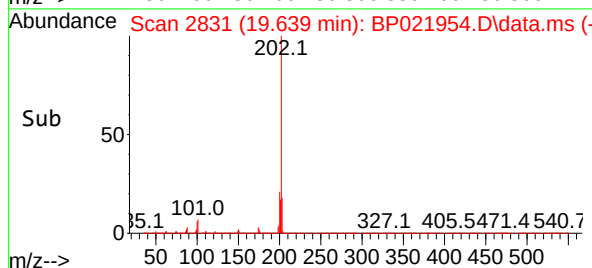
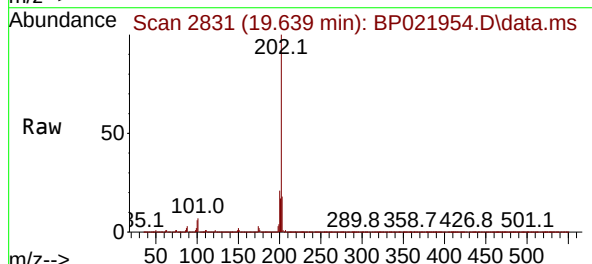
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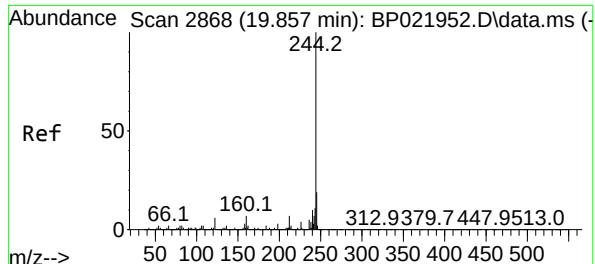
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#78
Pyrene
Concen: 62.588 ng
RT: 19.639 min Scan# 2831
Delta R.T. 0.006 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

Tgt Ion:202 Resp: 3370954
Ion Ratio Lower Upper
202 100
200 21.3 16.8 25.2
203 17.5 13.8 20.8





#79
 Terphenyl-d14
 Concen: 126.015 ng
 RT: 19.857 min Scan# 2868
 Delta R.T. -0.000 min
 Lab File: BP021954.D
 Acq: 19 Sep 2024 17:02

Instrument :

BNA_P

ClientSampleId :

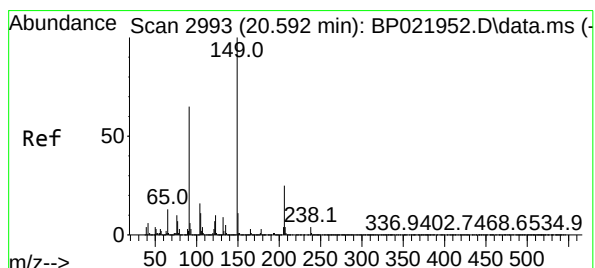
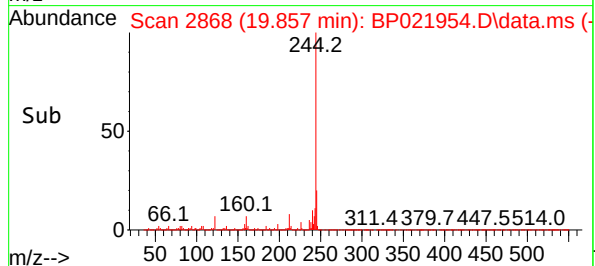
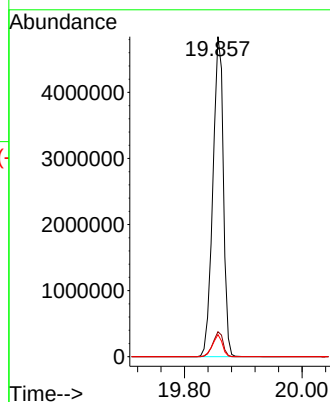
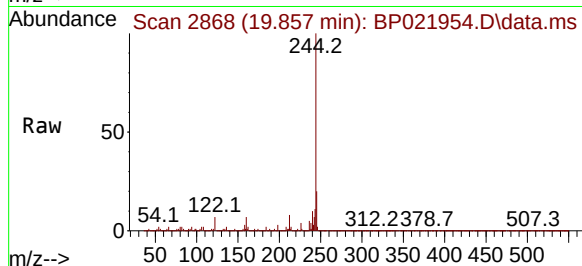
SSTDICC060

Tgt Ion:244 Resp: 597254
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 6.9 5.0 7.4

Manual Integrations

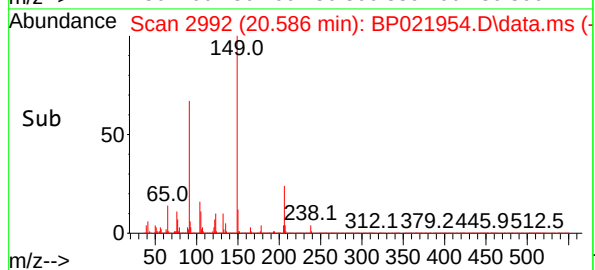
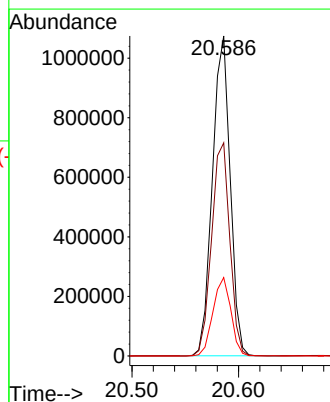
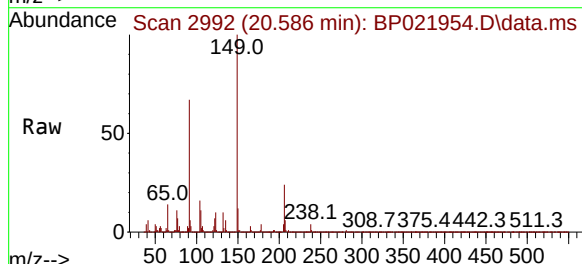
APPROVED

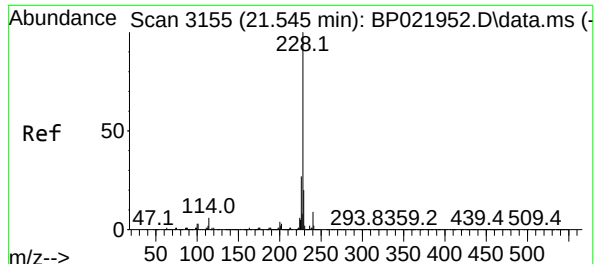
Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/22/2024



#80
 Butylbenzylphthalate
 Concen: 64.683 ng
 RT: 20.586 min Scan# 2992
 Delta R.T. -0.006 min
 Lab File: BP021954.D
 Acq: 19 Sep 2024 17:02

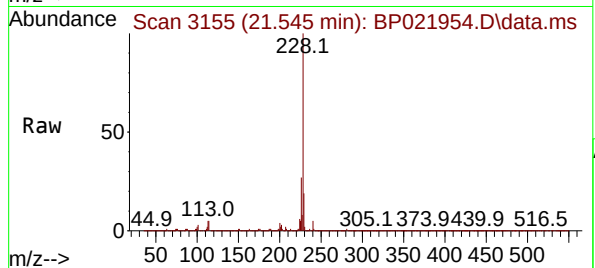
Tgt Ion:149 Resp: 1242533
 Ion Ratio Lower Upper
 149 100
 91 66.6 51.9 77.9
 206 24.5 20.1 30.1





#81
Benzo(a)anthracene
Concen: 61.275 ng
RT: 21.545 min Scan# 3155
Delta R.T. -0.000 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

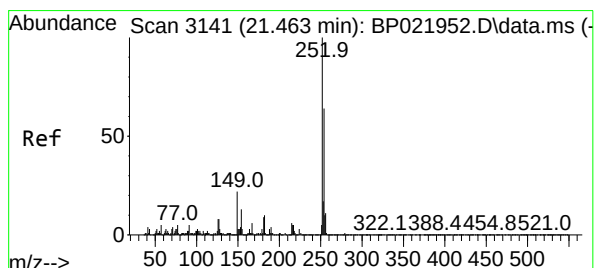
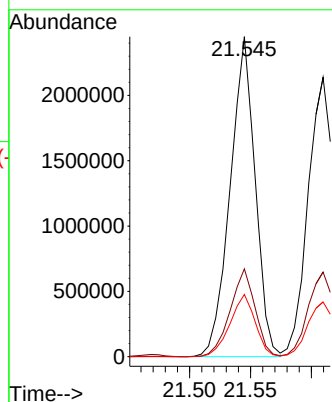
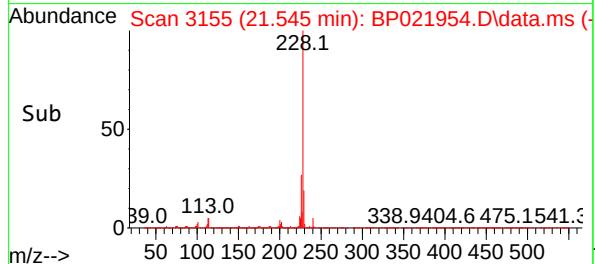
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:228 Resp: 350549
Ion Ratio Lower Upper
228 100
226 27.5 21.5 32.3
229 19.4 15.7 23.5

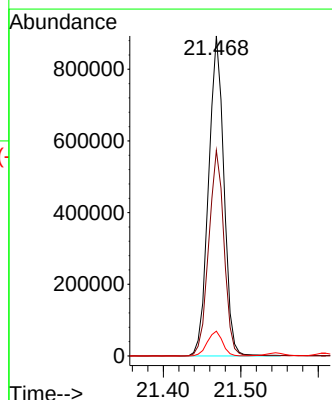
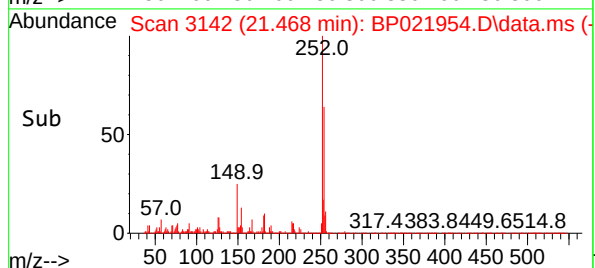
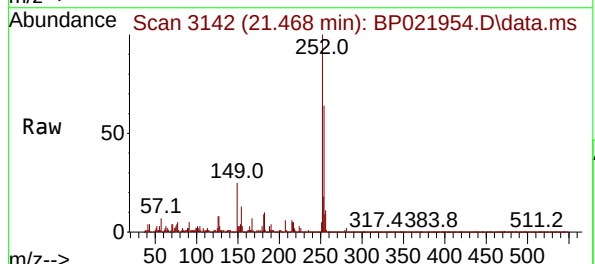
Manual Integrations
APPROVED

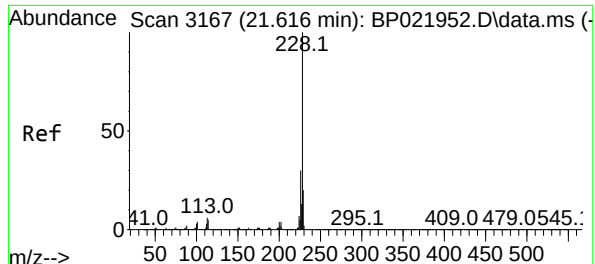
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#82
3,3'-Dichlorobenzidine
Concen: 59.100 ng
RT: 21.468 min Scan# 3142
Delta R.T. 0.006 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

Tgt Ion:252 Resp: 1226740
Ion Ratio Lower Upper
252 100
254 64.2 51.4 77.2
126 7.8 6.2 9.4





#83

Chrysene

Concen: 60.417 ng

RT: 21.610 min Scan# 3167

Delta R.T. -0.006 min

Lab File: BP021954.D

Acq: 19 Sep 2024 17:02

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:228 Resp: 325430

Ion Ratio Lower Upper

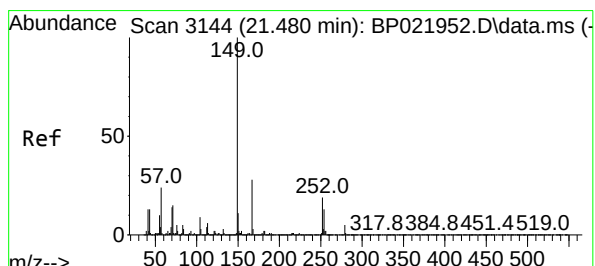
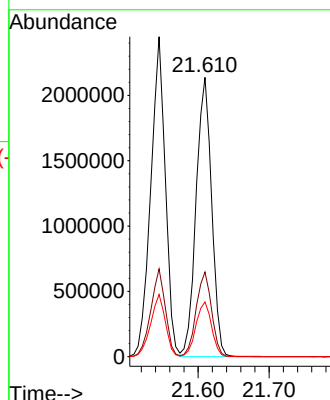
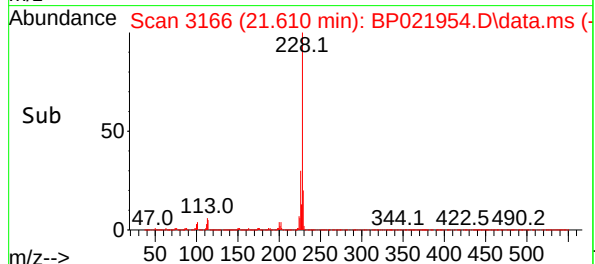
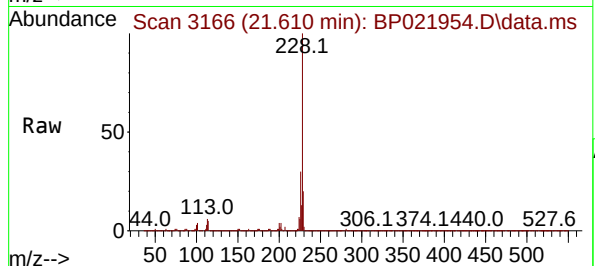
228 100

226 30.3 24.2 36.4

229 19.6 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#84

Bis(2-ethylhexyl)phthalate

Concen: 63.482 ng

RT: 21.486 min Scan# 3145

Delta R.T. 0.006 min

Lab File: BP021954.D

Acq: 19 Sep 2024 17:02

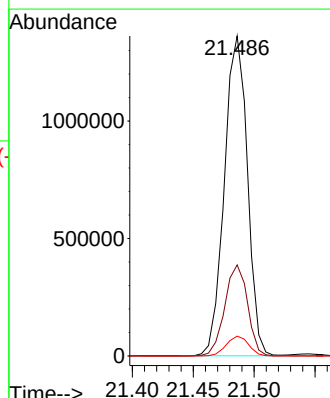
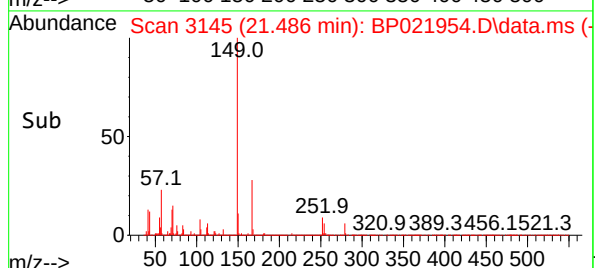
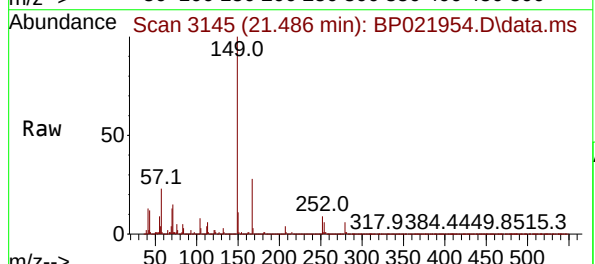
Tgt Ion:149 Resp: 1789781

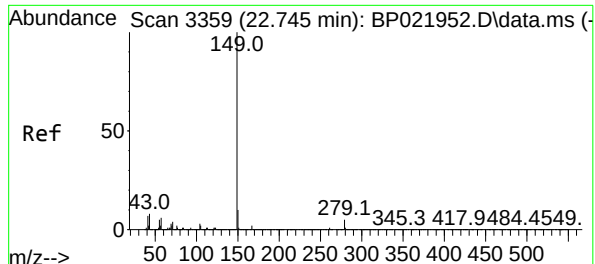
Ion Ratio Lower Upper

149 100

167 28.5 22.3 33.5

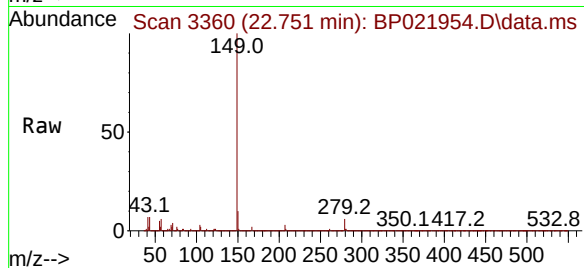
279 6.2 4.2 6.2





#85
Di-n-octyl phthalate
Concen: 64.233 ng
RT: 22.751 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

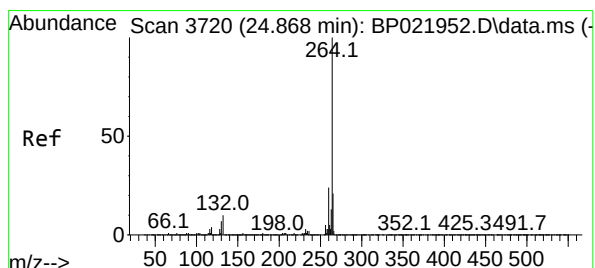
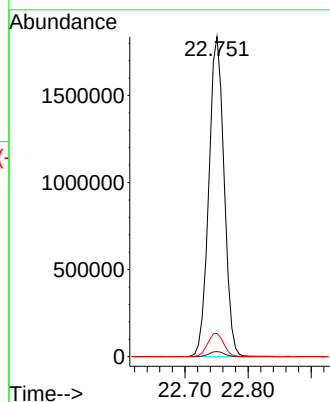
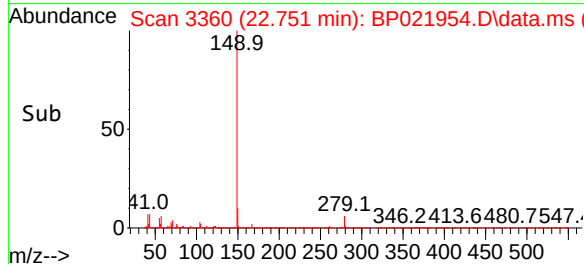
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:149 Resp: 3075779
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 7.6 6.2 9.4

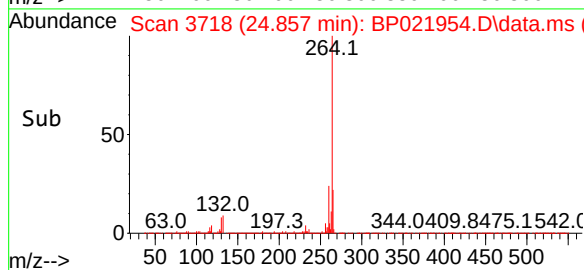
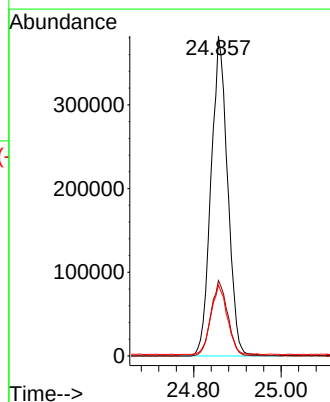
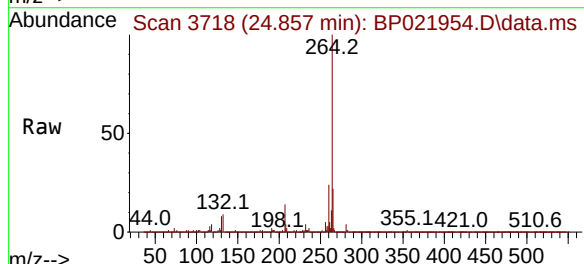
Manual Integrations
APPROVED

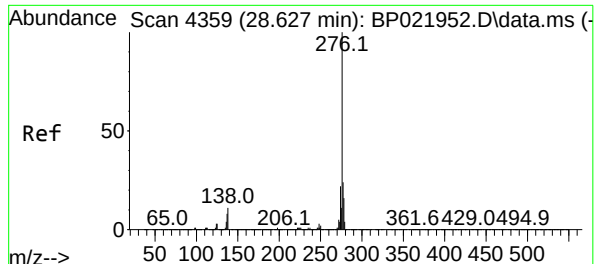
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.857 min Scan# 3718
Delta R.T. -0.012 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

Tgt Ion:264 Resp: 1005245
Ion Ratio Lower Upper
264 100
260 23.5 18.9 28.3
265 22.1 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 60.234 ng
RT: 28.627 min Scan# 4359
Delta R.T. -0.000 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

Instrument :

BNA_P

ClientSampleId :

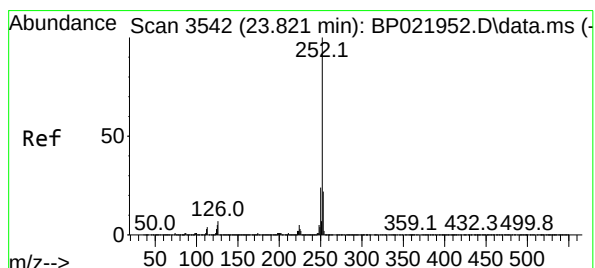
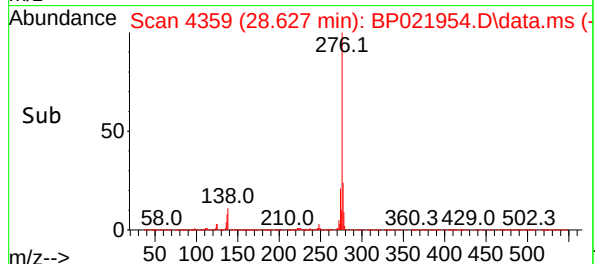
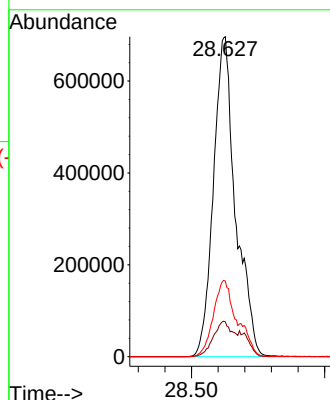
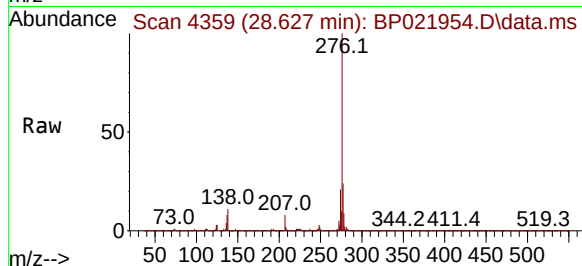
SSTDICC060

Tgt Ion:276 Resp: 4027139
Ion Ratio Lower Upper
276 100
138 10.0 7.8 11.8
277 25.5 20.5 30.7

Manual Integrations

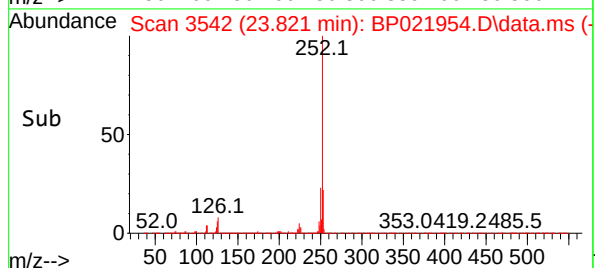
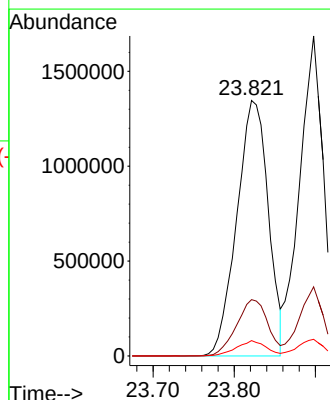
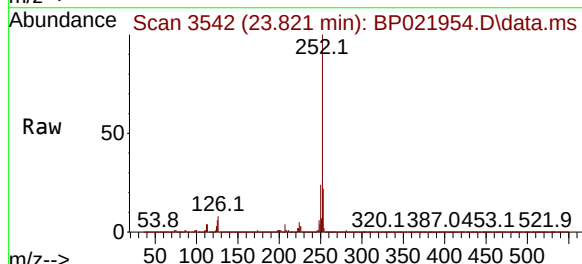
APPROVED

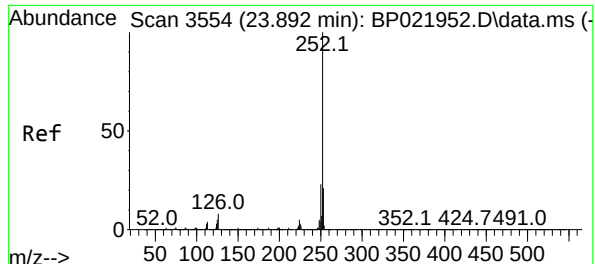
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#88
Benzo(b)fluoranthene
Concen: 60.988 ng
RT: 23.821 min Scan# 3542
Delta R.T. -0.000 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

Tgt Ion:252 Resp: 3625770
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 6.0 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 62.387 ng

RT: 23.898 min Scan# 3555

Delta R.T. 0.006 min

Lab File: BP021954.D

Acq: 19 Sep 2024 17:02

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:252 Resp: 350999

Ion Ratio Lower Upper

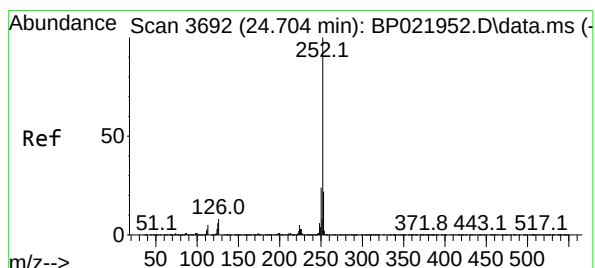
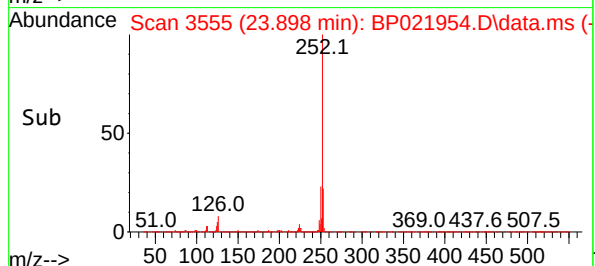
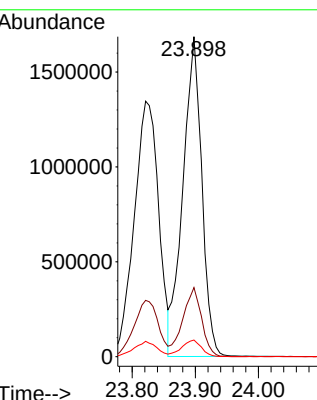
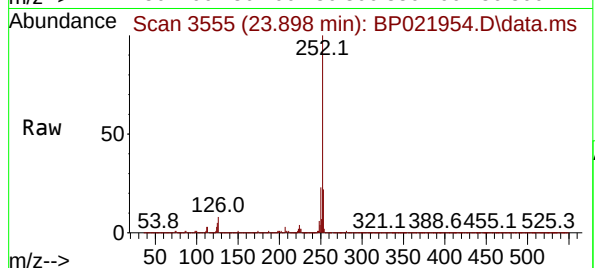
252 100

253 21.6 17.0 25.6

125 5.2 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#90

Benzo(a)pyrene

Concen: 61.754 ng

RT: 24.715 min Scan# 3694

Delta R.T. 0.012 min

Lab File: BP021954.D

Acq: 19 Sep 2024 17:02

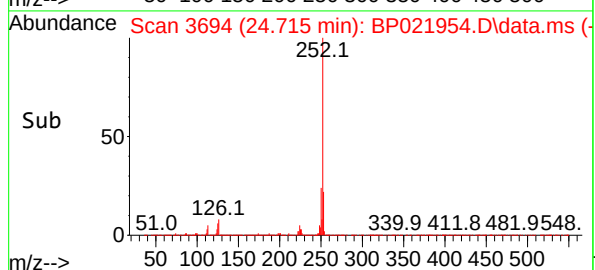
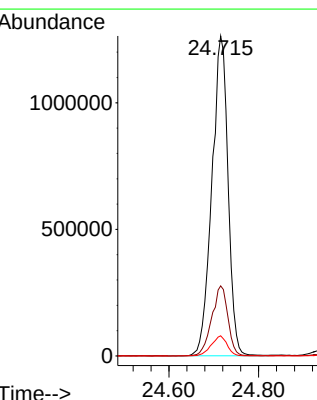
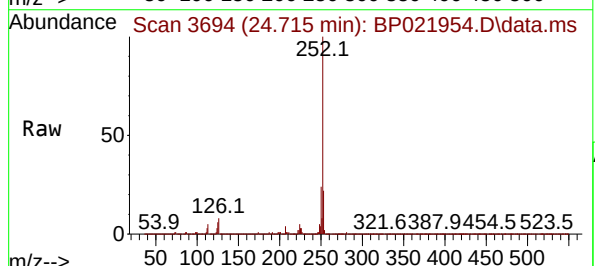
Tgt Ion:252 Resp: 3162699

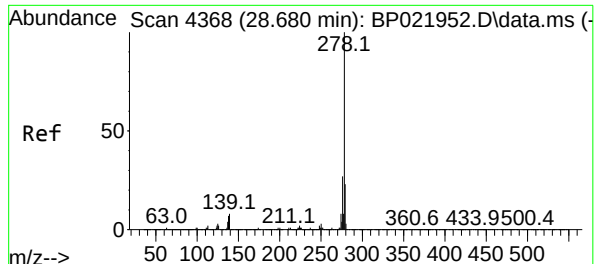
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

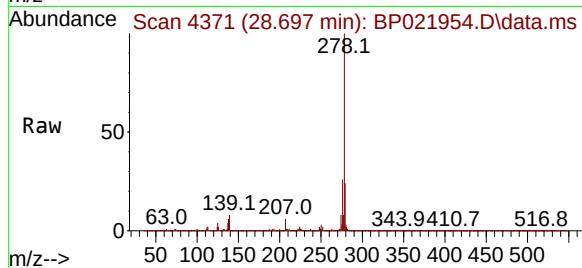
125 6.3 5.0 7.6





#91
Dibenzo(a,h)anthracene
Concen: 60.148 ng
RT: 28.697 min Scan# 41
Delta R.T. 0.018 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

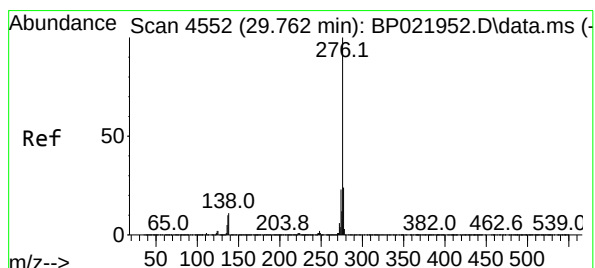
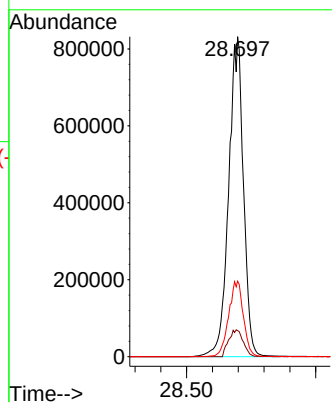
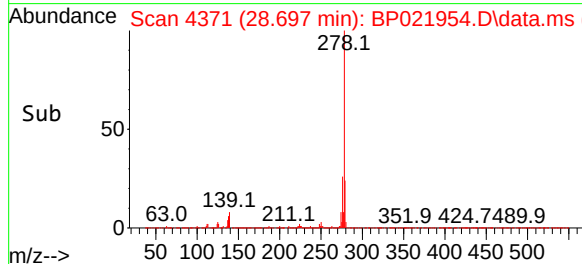
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion: 278 Resp: 331895
Ion Ratio Lower Upper
278 100
139 8.2 6.6 10.0
279 23.6 18.8 28.2

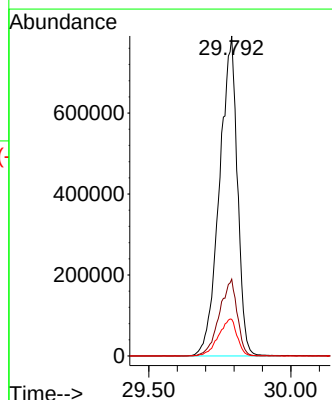
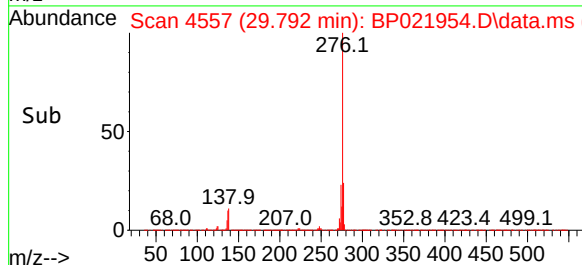
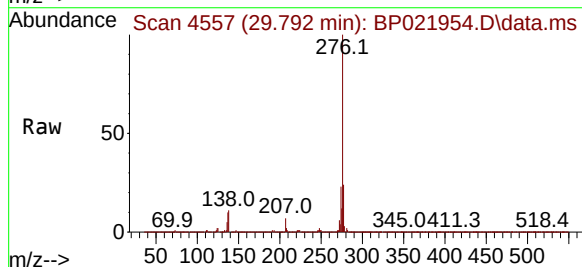
Manual Integrations
APPROVED

Reviewed By : Jagrut Upadhyay 09/20/2024
Supervised By : mohammad ahmed 09/22/2024



#92
Benzo(g,h,i)perylene
Concen: 61.203 ng
RT: 29.792 min Scan# 4557
Delta R.T. 0.029 min
Lab File: BP021954.D
Acq: 19 Sep 2024 17:02

Tgt Ion: 276 Resp: 3459410
Ion Ratio Lower Upper
276 100
277 24.0 19.3 28.9
138 11.4 9.2 13.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091924\
 Data File : BP021955.D
 Acq On : 19 Sep 2024 17:44
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024

Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 20 01:06:05 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Sep 20 00:59:29 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	117448	20.000	ng	0.00
21) Naphthalene-d8	10.481	136	454584	20.000	ng	0.00
39) Acenaphthene-d10	14.334	164	342314	20.000	ng	0.00
64) Phenanthrene-d10	17.128	188	813328	20.000	ng	-0.01
76) Chrysene-d12	21.569	240	888719	20.000	ng	0.00
86) Perylene-d12	24.851	264	1031143	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	984975	157.605	ng	0.00
7) Phenol-d6	6.905	99	1387159	170.976	ng	0.00
23) Nitrobenzene-d5	8.863	82	1344312	156.477	ng	0.00
42) 2,4,6-Tribromophenol	15.851	330	1056557	166.489	ng	0.00
45) 2-Fluorobiphenyl	12.946	172	3631795	154.875	ng	0.00
79) Terphenyl-d14	19.857	244	7840492	165.724	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	189400	72.984	ng	99
3) Pyridine	3.658	79	542359m	78.374	ng	
4) n-Nitrosodimethylamine	3.564	42	276782	75.809	ng	95
6) Aniline	7.058	93	580853	81.473	ng	99
8) 2-Chlorophenol	7.293	128	528929	79.149	ng	99
9) Benzaldehyde	6.864	77	256709	60.267	ng	97
10) Phenol	6.928	94	680108	84.400	ng	97
11) bis(2-Chloroethyl)ether	7.152	93	503563	82.960	ng	99
12) 1,3-Dichlorobenzene	7.605	146	650146	77.059	ng	98
13) 1,4-Dichlorobenzene	7.746	146	662654	77.446	ng	98
14) 1,2-Dichlorobenzene	8.058	146	634457	77.256	ng	99
15) Benzyl Alcohol	7.952	79	510592	82.061	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.234	45	497839	77.399	ng	99
17) 2-Methylphenol	8.152	107	443794	81.525	ng	97
18) Hexachloroethane	8.781	117	245052	77.888	ng	99
19) n-Nitroso-di-n-propyla...	8.522	70	414354	82.168	ng	99
20) 3+4-Methylphenols	8.481	107	620463	80.741	ng	99
22) Acetophenone	8.528	105	855047	77.106	ng	# 98
24) Nitrobenzene	8.899	77	675611	77.439	ng	98
25) Isophorone	9.422	82	1134272	80.082	ng	99
26) 2-Nitrophenol	9.599	139	319273	83.696	ng	96
27) 2,4-Dimethylphenol	9.663	122	353731	80.083	ng	99
28) bis(2-Chloroethoxy)met...	9.893	93	653873	76.994	ng	99
29) 2,4-Dichlorophenol	10.128	162	607216	80.990	ng	97
30) 1,2,4-Trichlorobenzene	10.340	180	716682	76.743	ng	99
31) Naphthalene	10.528	128	1762769	77.714	ng	99
32) Benzoic acid	9.857	122	443397	84.254	ng	100
33) 4-Chloroaniline	10.640	127	642009	78.468	ng	98
34) Hexachlorobutadiene	10.810	225	564589	77.281	ng	98
35) Caprolactam	11.446	113	180139m	80.885	ng	
36) 4-Chloro-3-methylphenol	11.763	107	654502	81.370	ng	99
37) 2-Methylnaphthalene	12.134	142	1303538	78.548	ng	99
38) 1-Methylnaphthalene	12.351	142	1281660	78.222	ng	99
40) 1,2,4,5-Tetrachloroben...	12.504	216	934058	77.992	ng	99
41) Hexachlorocyclopentadiene	12.481	237	355786	79.954	ng	99
43) 2,4,6-Trichlorophenol	12.746	196	588494	80.057	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091924\
 Data File : BP021955.D
 Acq On : 19 Sep 2024 17:44
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 20 01:06:05 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Sep 20 00:59:29 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.816	196	660171	80.058	ng	98
46) 1,1'-Biphenyl	13.151	154	1799968	77.119	ng	100
47) 2-Chloronaphthalene	13.193	162	1469465	77.863	ng	99
48) 2-Nitroaniline	13.398	65	421525	81.796	ng	98
49) Acenaphthylene	14.051	152	2112719	79.335	ng	99
50) Dimethylphthalate	13.787	163	1928635	77.682	ng	99
51) 2,6-Dinitrotoluene	13.898	165	435392	78.700	ng	99
52) Acenaphthene	14.398	154	1360604	78.504	ng	98
53) 3-Nitroaniline	14.234	138	398407	80.805	ng	100
54) 2,4-Dinitrophenol	14.445	184	292399	90.207	ng	98
55) Dibenzofuran	14.740	168	2250136	77.239	ng	99
56) 4-Nitrophenol	14.551	139	346344	80.703	ng	99
57) 2,4-Dinitrotoluene	14.704	165	636190	81.345	ng	99
58) Fluorene	15.398	166	1930245	79.341	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.963	232	629307	79.074	ng	99
60) Diethylphthalate	15.169	149	1989344	78.852	ng	98
61) 4-Chlorophenyl-phenyle...	15.392	204	1141128	80.567	ng	98
62) 4-Nitroaniline	15.428	138	436992	81.159	ng	97
63) Azobenzene	15.692	77	1631663	78.154	ng	100
65) 4,6-Dinitro-2-methylph...	15.487	198	419482	88.982	ng	92
66) n-Nitrosodiphenylamine	15.604	169	1595347	78.776	ng	98
67) 4-Bromophenyl-phenylether	16.298	248	768926	81.101	ng	95
68) Hexachlorobenzene	16.422	284	953620	80.674	ng	98
69) Atrazine	16.587	200	472708	65.148	ng	99
70) Pentachlorophenol	16.775	266	668763	84.092	ng	99
71) Phenanthrene	17.175	178	3041014	77.889	ng	100
72) Anthracene	17.269	178	2949937	78.053	ng	100
73) Carbazole	17.557	167	2823850	77.359	ng	100
74) Di-n-butylphthalate	18.139	149	3548283	82.764	ng	99
75) Fluoranthene	19.257	202	4316266	79.204	ng	100
77) Benzidine	19.451	184	430427	39.632	ng	99
78) Pyrene	19.633	202	4377380	81.421	ng	99
80) Butylbenzylphthalate	20.586	149	1672561	87.226	ng	95
81) Benzo(a)anthracene	21.545	228	4574969	80.113	ng	100
82) 3,3'-Dichlorobenzidine	21.469	252	1578618	76.189	ng	99
83) Chrysene	21.616	228	4381186	81.483	ng	100
84) Bis(2-ethylhexyl)phtha...	21.486	149	2521920	89.611	ng	100
85) Di-n-octyl phthalate	22.733	149	4244760	88.805	ng	100
87) Indeno(1,2,3-cd)pyrene	28.609	276	5496002	80.139	ng	93
88) Benzo(b)fluoranthene	23.821	252	4995335	81.914	ng	100
89) Benzo(k)fluoranthene	23.886	252	4683895	81.161	ng	98
90) Benzo(a)pyrene	24.704	252	4286641	81.598	ng	100
91) Dibenzo(a,h)anthracene	28.692	278	4554728	80.470	ng	98
92) Benzo(g,h,i)perylene	29.792	276	4641725	80.058	ng	99

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

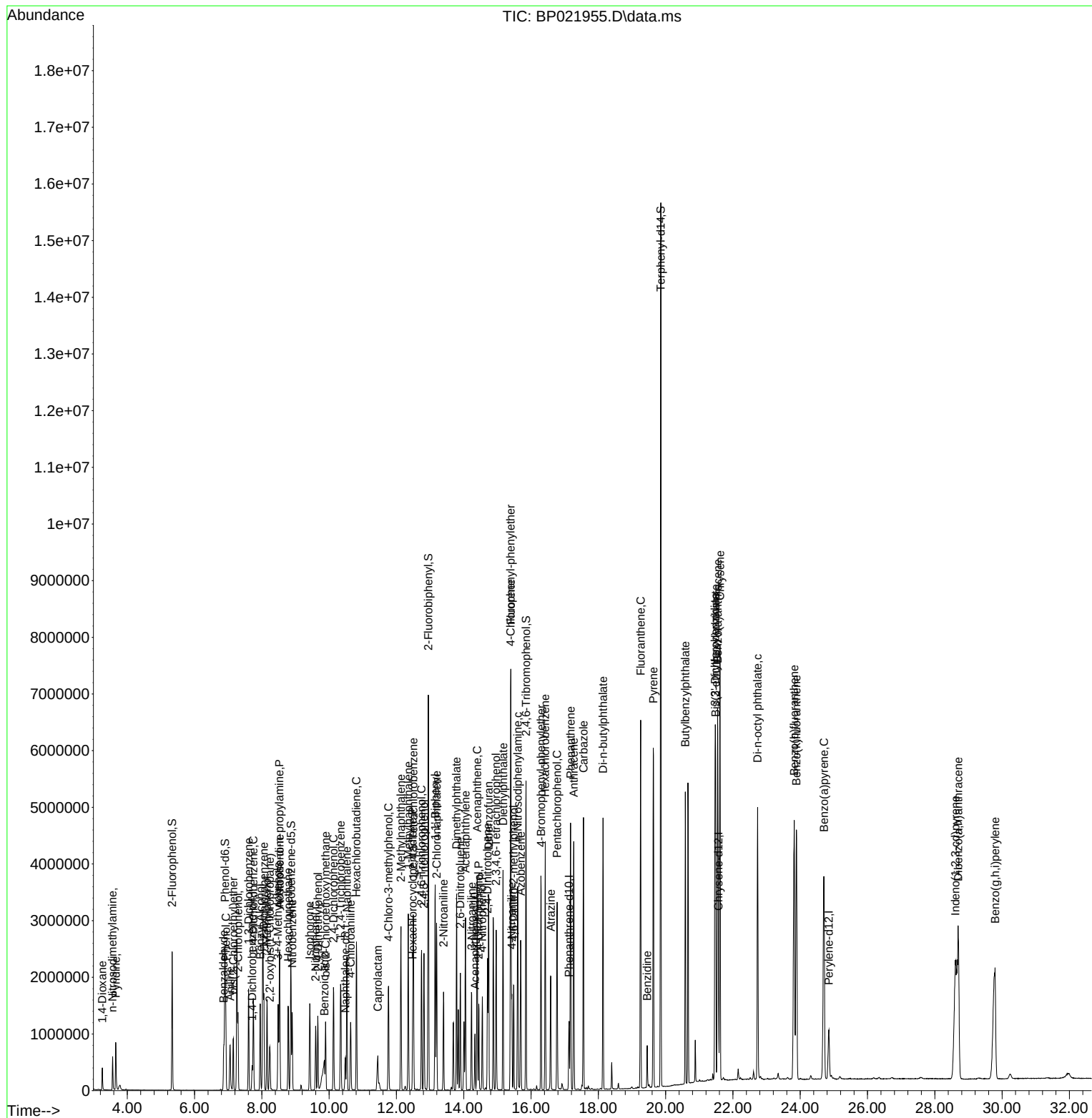
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091924\
Data File : BP021955.D
Acq On : 19 Sep 2024 17:44
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

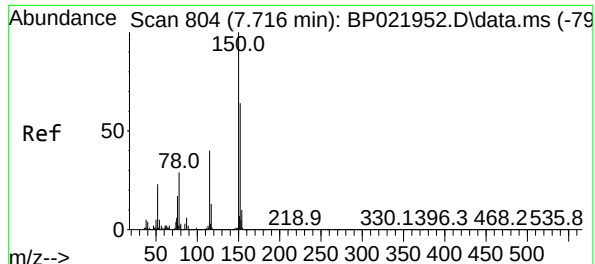
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

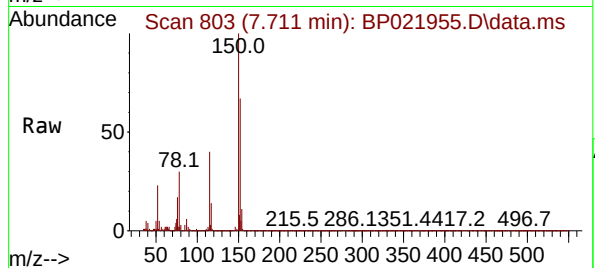
Quant Time: Sep 20 01:06:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 00:59:29 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.711 min Scan# 804
Delta R.T. -0.005 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

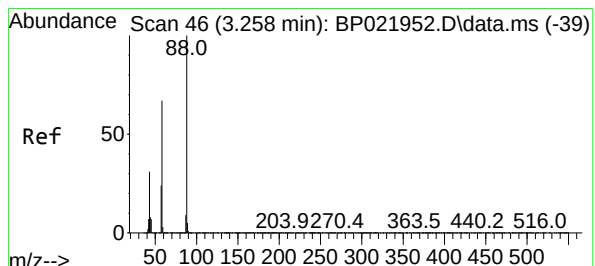
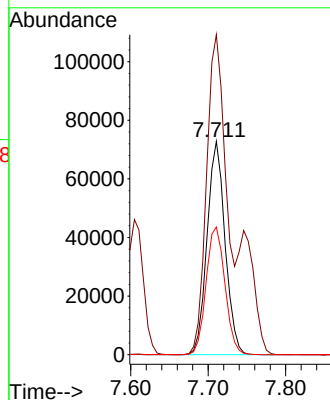
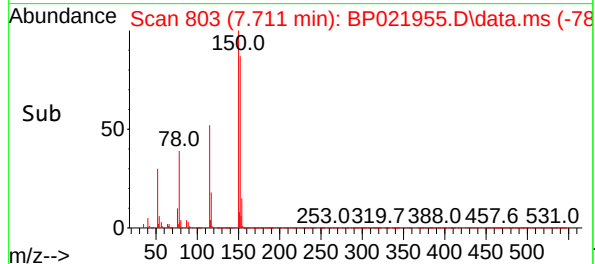
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 152 Resp: 11744
Ion Ratio Lower Upper
152 100
150 150.0 124.2 186.2
115 59.8 49.2 73.8

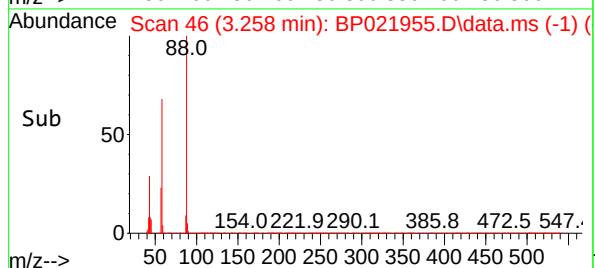
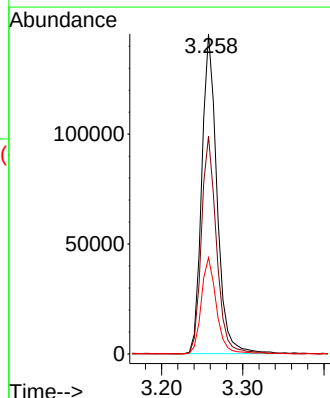
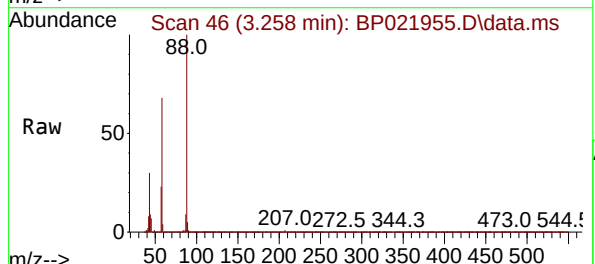
Manual Integrations
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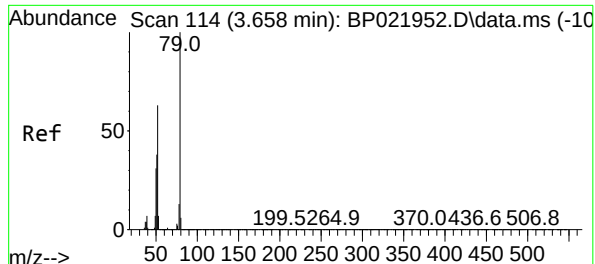
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#2
1,4-Dioxane
Concen: 72.984 ng
RT: 3.258 min Scan# 46
Delta R.T. 0.000 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

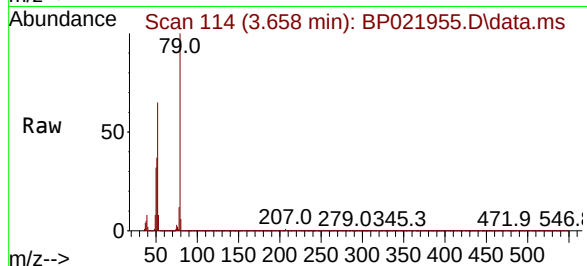
Tgt Ion: 88 Resp: 189400
Ion Ratio Lower Upper
88 100
58 67.9 53.8 80.6
43 30.3 25.2 37.8





#3
Pyridine
Concen: 78.374 ng m
RT: 3.658 min Scan# 114
Delta R.T. 0.000 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

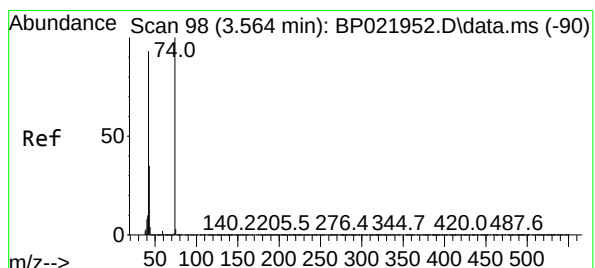
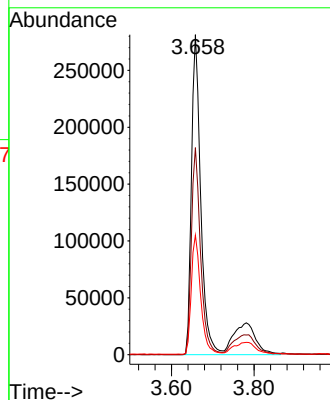
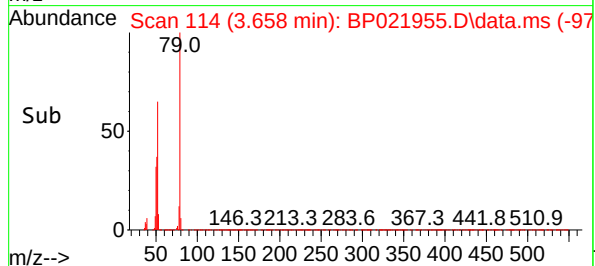
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 79 Resp: 542359
Ion Ratio Lower Upper
79 100
52 64.7 50.3 75.5
51 37.3 30.9 46.3

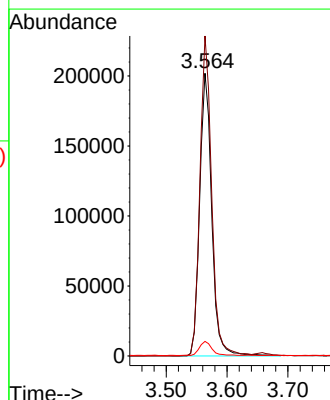
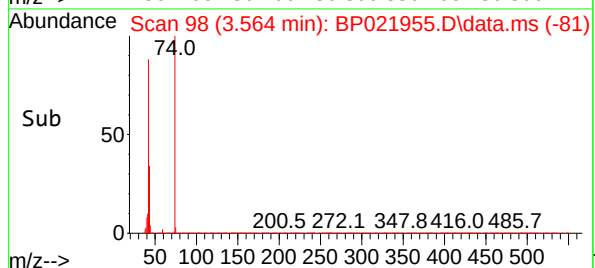
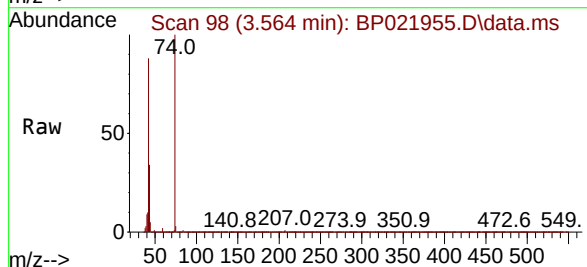
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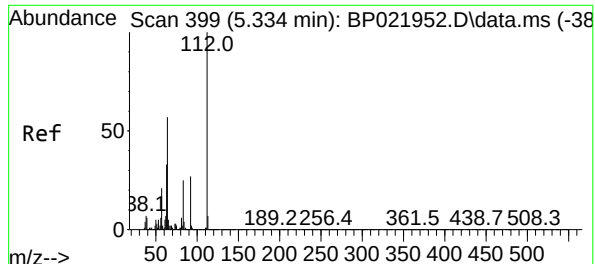
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#4
n-Nitrosodimethylamine
Concen: 75.809 ng
RT: 3.564 min Scan# 98
Delta R.T. 0.000 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

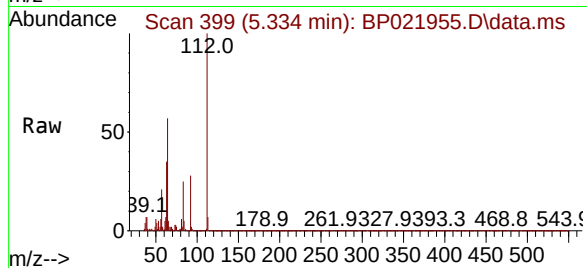
Tgt Ion: 42 Resp: 276782
Ion Ratio Lower Upper
42 100
74 113.2 86.3 129.5
44 5.1 4.0 6.0





#5
2-Fluorophenol
Concen: 157.605 ng
RT: 5.334 min Scan# 399
Delta R.T. 0.000 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

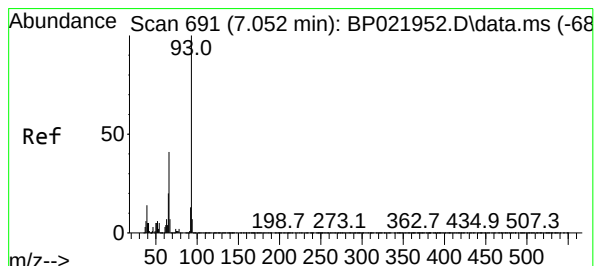
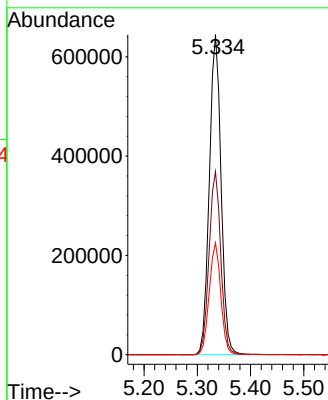
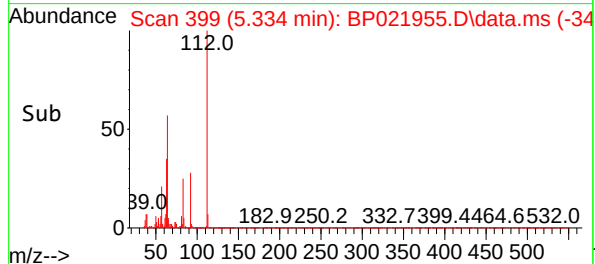
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 112 Resp: 98497
Ion Ratio Lower Upper
112 100
64 57.2 45.4 68.0
63 35.0 26.6 39.8

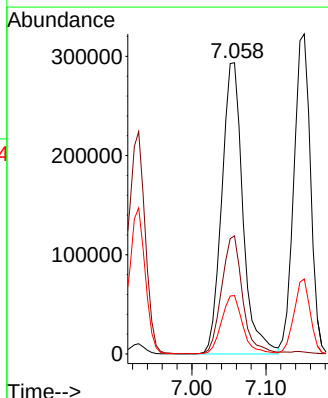
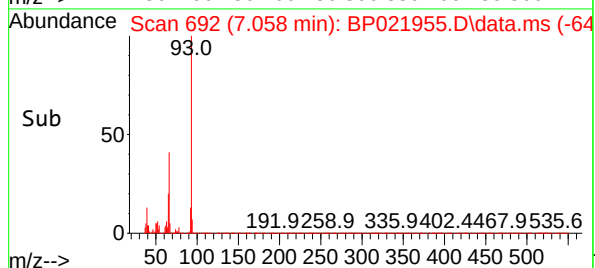
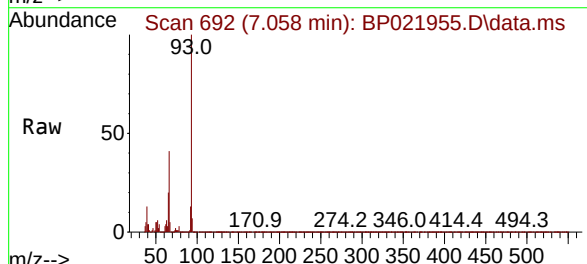
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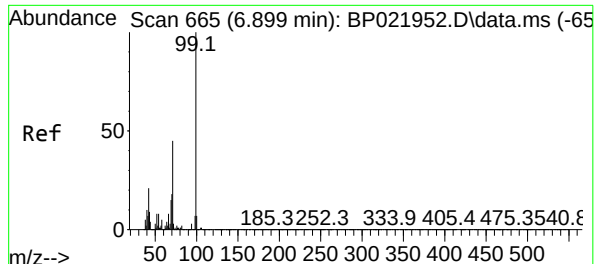
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#6
Aniline
Concen: 81.473 ng
RT: 7.058 min Scan# 692
Delta R.T. 0.006 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

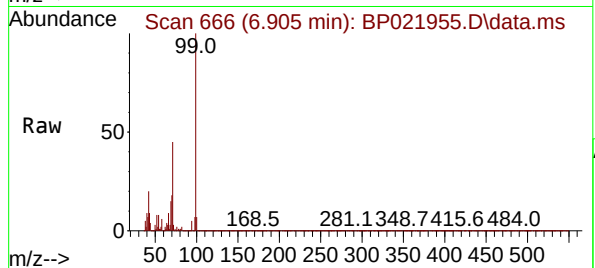
Tgt Ion: 93 Resp: 580853
Ion Ratio Lower Upper
93 100
66 40.5 33.0 49.4
65 20.1 16.1 24.1





#7
Phenol-d6
Concen: 170.976 ng
RT: 6.905 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

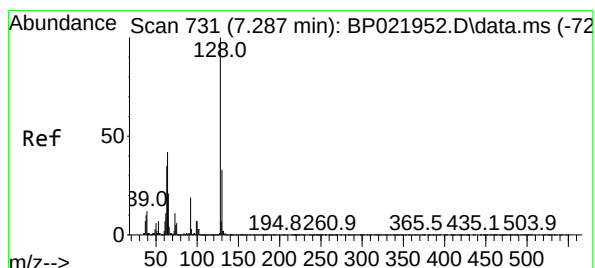
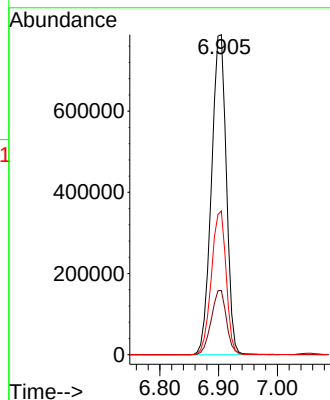
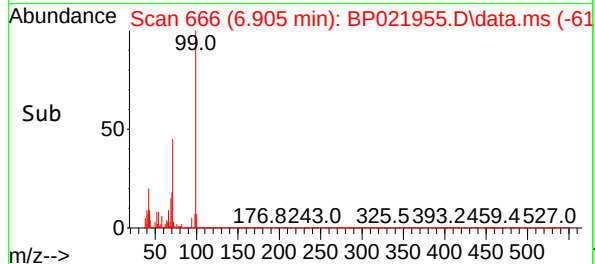
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 99 Resp: 138715
Ion Ratio Lower Upper
99 100
42 20.1 16.8 25.2
71 44.9 35.8 53.6

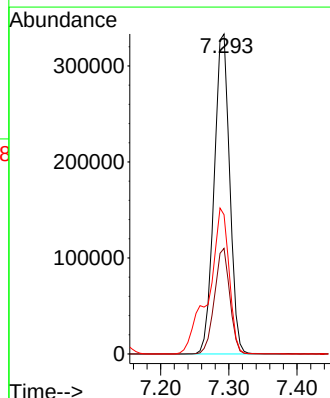
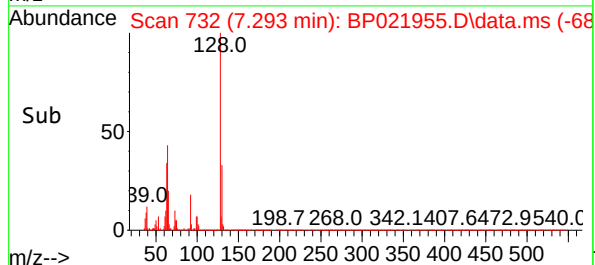
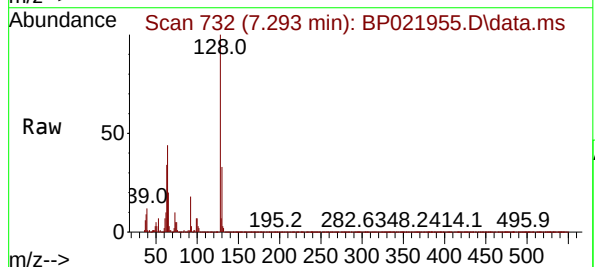
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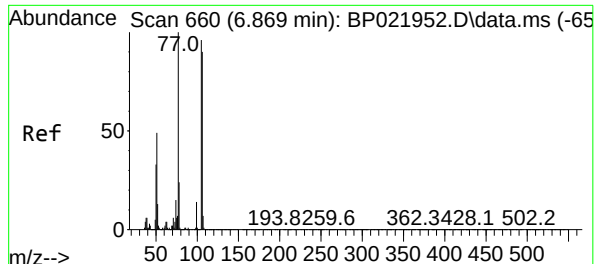
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#8
2-Chlorophenol
Concen: 79.149 ng
RT: 7.293 min Scan# 732
Delta R.T. 0.006 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

Tgt Ion:128 Resp: 528929
Ion Ratio Lower Upper
128 100
130 33.0 13.1 53.1
64 43.5 22.1 62.1





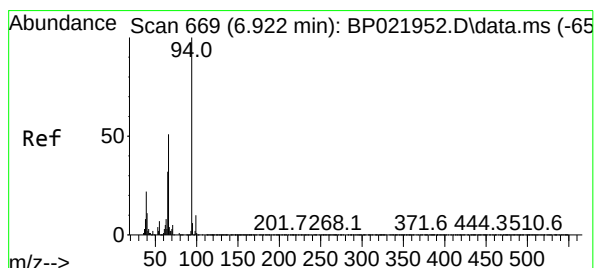
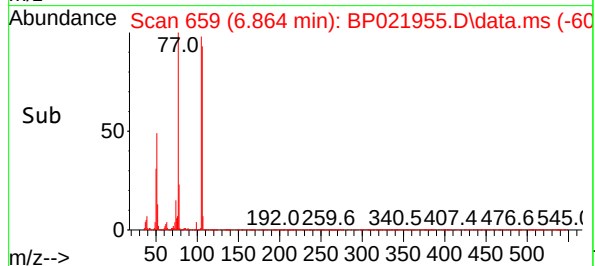
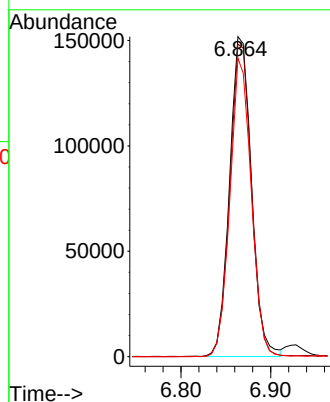
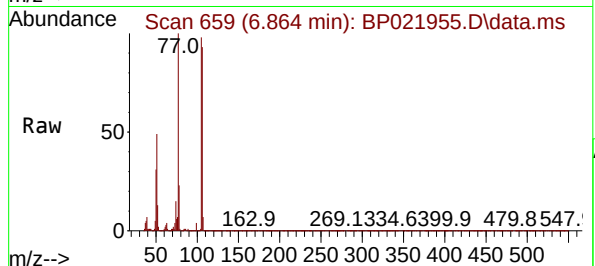
#9
Benzaldehyde
Concen: 60.267 ng
RT: 6.864 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 256709
Ion Ratio Lower Upper
77 100
105 97.7 76.1 116.1
106 93.3 69.9 109.9

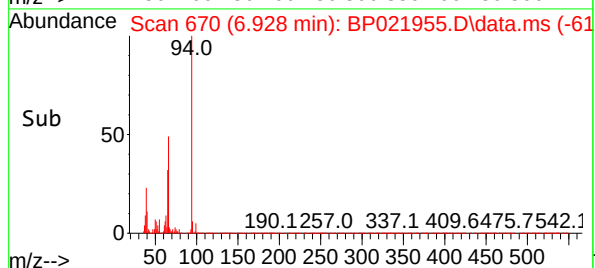
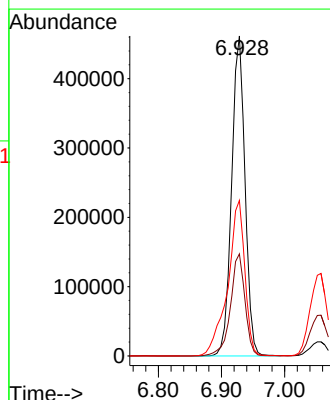
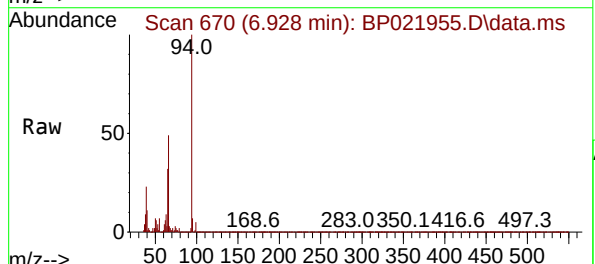
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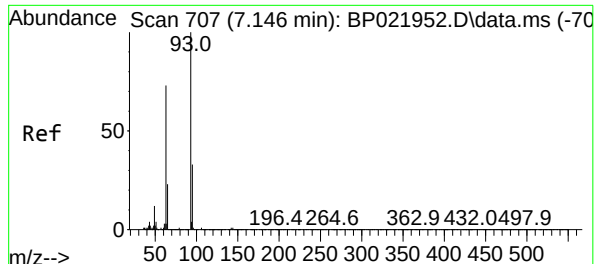
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#10
Phenol
Concen: 84.400 ng
RT: 6.928 min Scan# 670
Delta R.T. 0.006 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

Tgt Ion: 94 Resp: 680108
Ion Ratio Lower Upper
94 100
65 31.9 12.5 52.5
66 48.6 31.2 71.2





#11

bis(2-Chloroethyl)ether

Concen: 82.960 ng

RT: 7.152 min Scan# 707

Delta R.T. 0.006 min

Lab File: BP021955.D

Acq: 19 Sep 2024 17:44

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 93 Resp: 50356

Ion Ratio Lower Upper

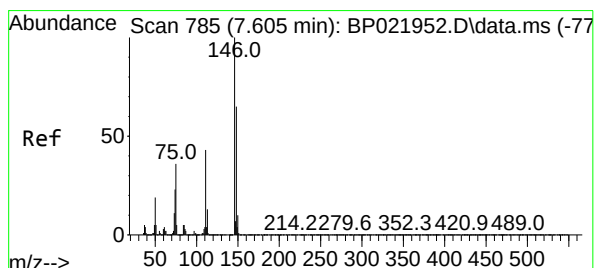
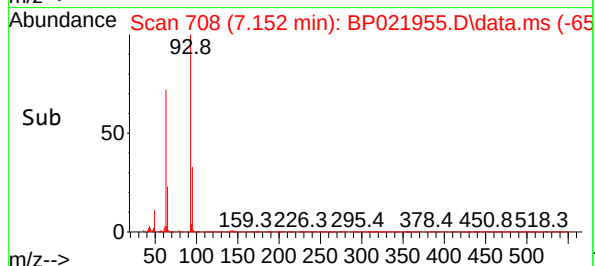
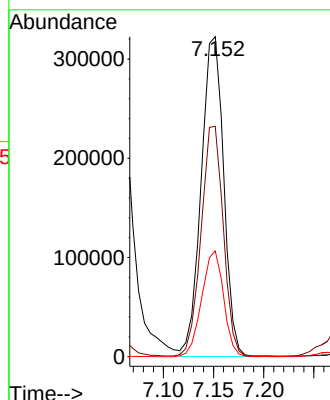
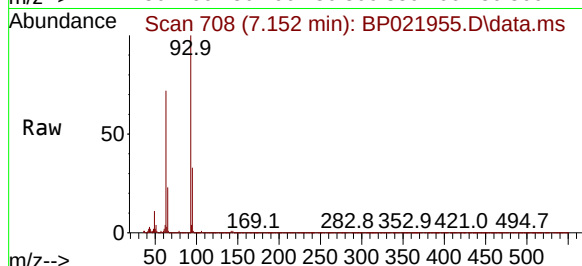
93 100

63 72.0 53.0 93.0

95 33.0 12.4 52.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#12

1,3-Dichlorobenzene

Concen: 77.059 ng

RT: 7.605 min Scan# 785

Delta R.T. 0.000 min

Lab File: BP021955.D

Acq: 19 Sep 2024 17:44

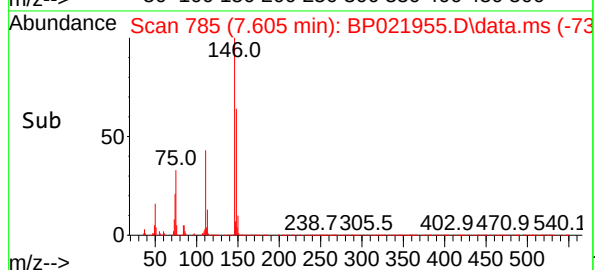
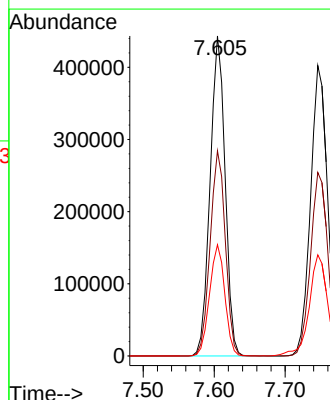
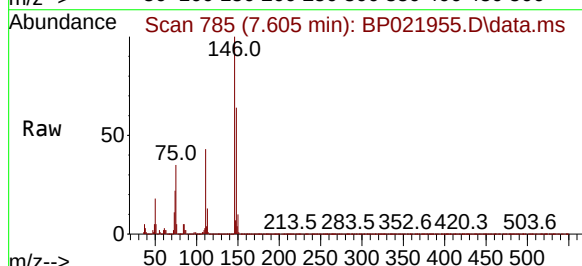
Tgt Ion:146 Resp: 650146

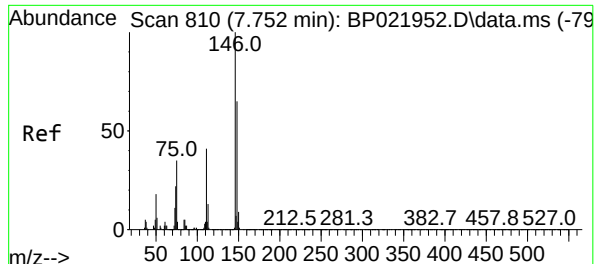
Ion Ratio Lower Upper

146 100

148 64.1 52.3 78.5

75 34.7 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 77.446 ng

RT: 7.746 min Scan# 80

Delta R.T. -0.006 min

Lab File: BP021955.D

Acq: 19 Sep 2024 17:44

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 662654

Ion Ratio Lower Upper

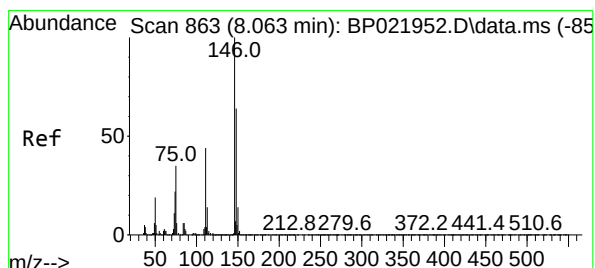
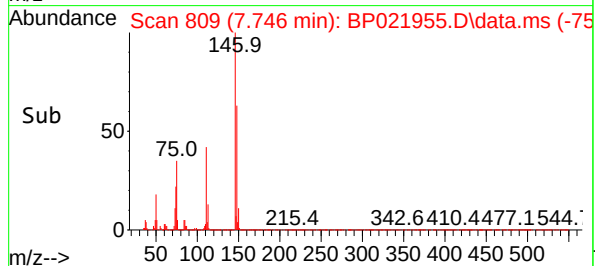
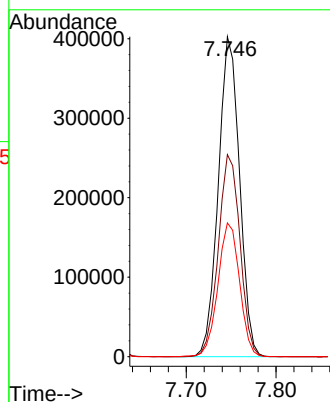
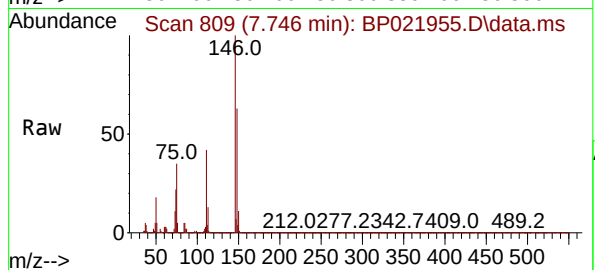
146 100

148 63.2 52.2 78.4

111 41.8 32.6 48.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#14

1,2-Dichlorobenzene

Concen: 77.256 ng

RT: 8.058 min Scan# 862

Delta R.T. -0.006 min

Lab File: BP021955.D

Acq: 19 Sep 2024 17:44

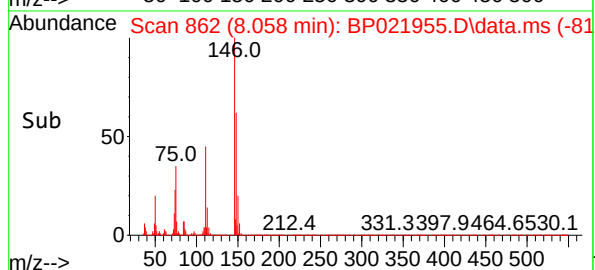
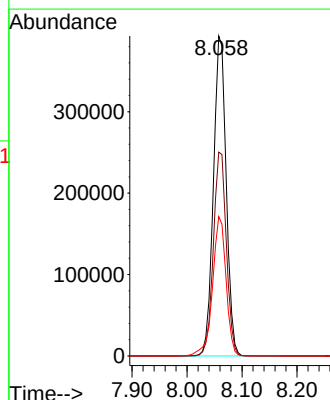
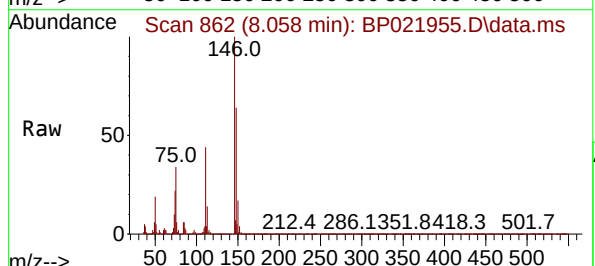
Tgt Ion:146 Resp: 634457

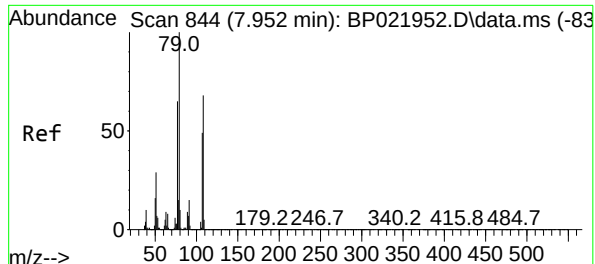
Ion Ratio Lower Upper

146 100

148 63.7 51.3 76.9

111 43.6 35.6 53.4





#15

Benzyl Alcohol

Concen: 82.061 ng

RT: 7.952 min Scan# 844

Delta R.T. 0.000 min

Lab File: BP021955.D

Acq: 19 Sep 2024 17:44

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 79 Resp: 510592

Ion Ratio Lower Upper

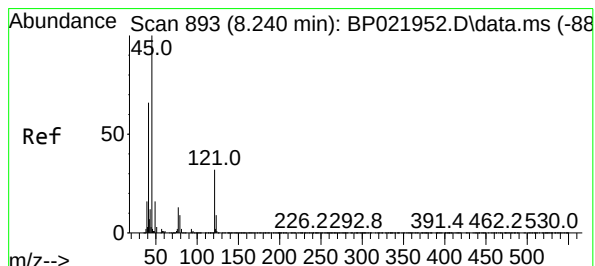
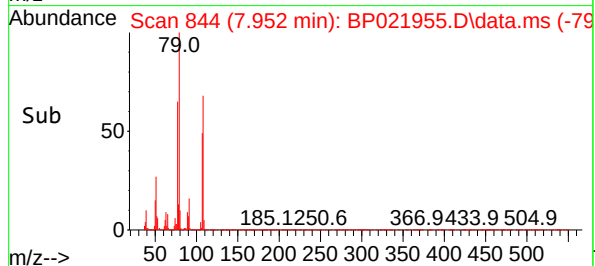
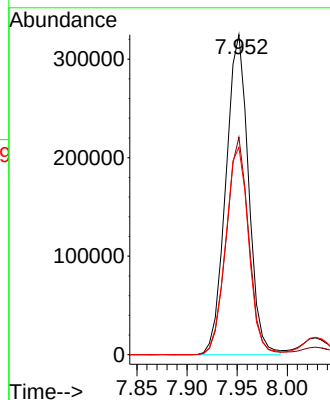
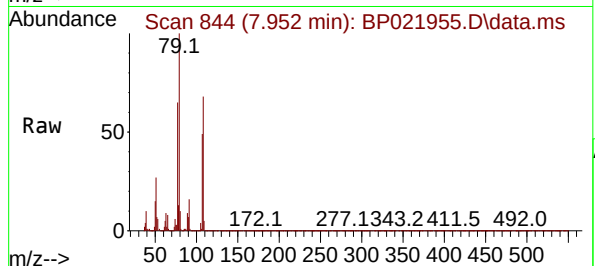
79 100

108 68.0 54.7 82.1

77 64.8 51.8 77.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#16

2,2'-oxybis(1-Chloropropane)

Concen: 77.399 ng

RT: 8.234 min Scan# 892

Delta R.T. -0.006 min

Lab File: BP021955.D

Acq: 19 Sep 2024 17:44

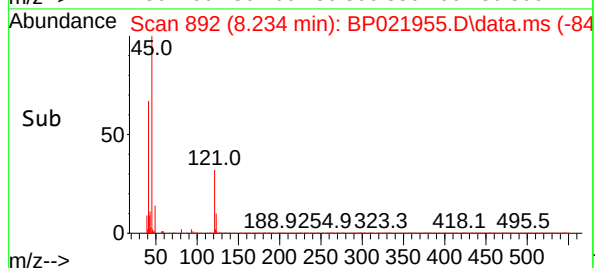
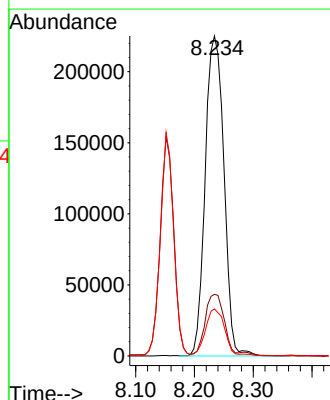
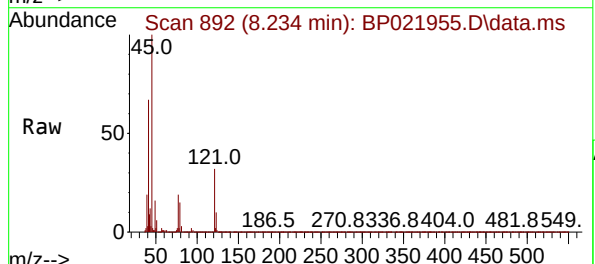
Tgt Ion: 45 Resp: 497839

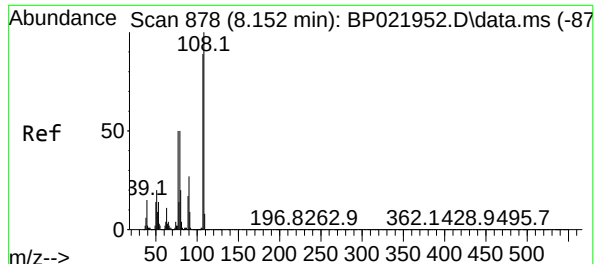
Ion Ratio Lower Upper

45 100

77 19.3 0.0 39.5

79 14.7 0.0 34.9





#17

2-Methylphenol

Concen: 81.525 ng

RT: 8.152 min Scan# 81

Delta R.T. 0.000 min

Lab File: BP021955.D

Acq: 19 Sep 2024 17:44

Instrument :

BNA_P

ClientSampleId :

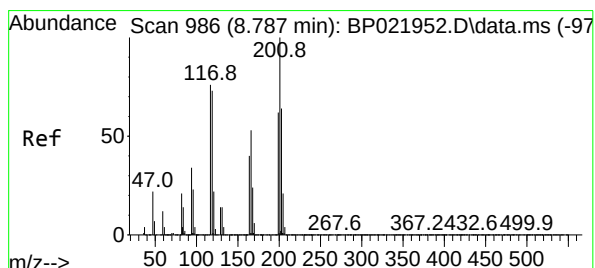
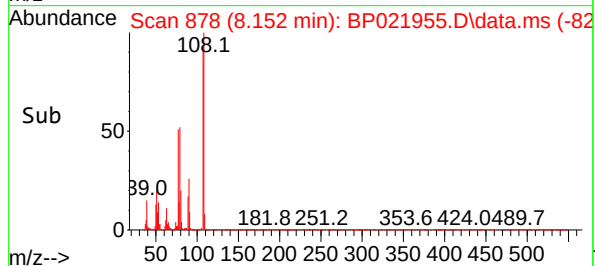
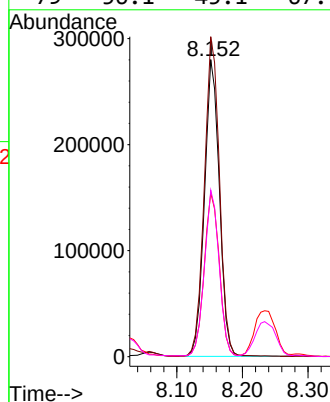
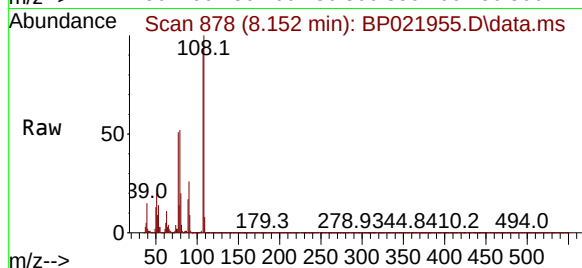
SSTDICC080

Tgt Ion:	107	Resp:	443794
Ion	Ratio	Lower	Upper
107	100		
108	107.7	90.3	135.5
77	55.1	45.1	67.7
79	56.1	45.1	67.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#18

Hexachloroethane

Concen: 77.888 ng

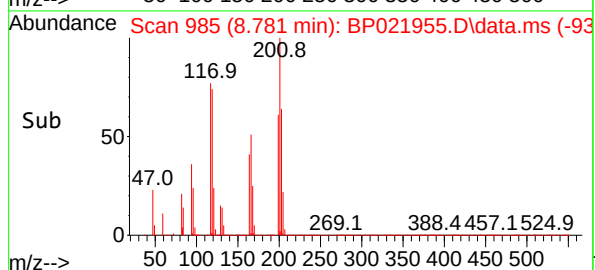
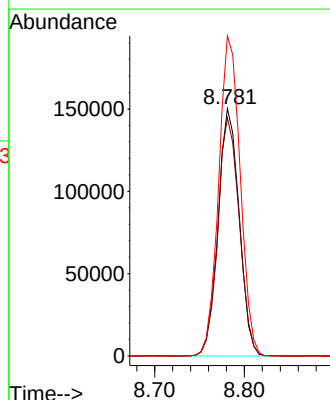
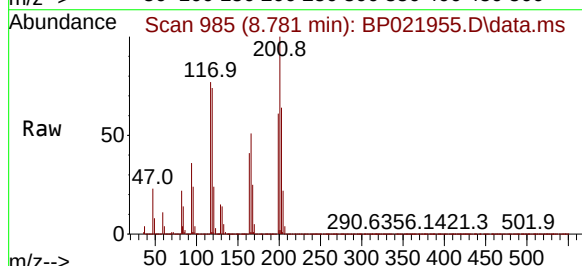
RT: 8.781 min Scan# 985

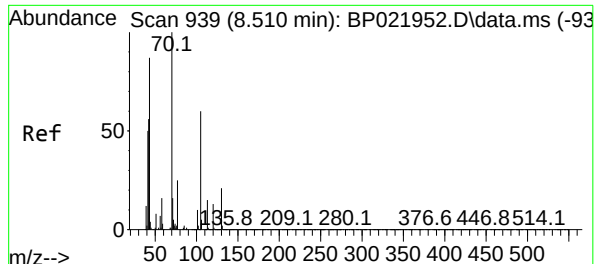
Delta R.T. -0.006 min

Lab File: BP021955.D

Acq: 19 Sep 2024 17:44

Tgt Ion:	117	Resp:	245052
Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.0	115.4
201	129.4	105.6	158.4





#19

n-Nitroso-di-n-propylamine

Concen: 82.168 ng

RT: 8.522 min Scan# 941

Delta R.T. 0.012 min

Lab File: BP021955.D

Acq: 19 Sep 2024 17:44

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 70 Resp: 414354

Ion Ratio Lower Upper

70 100

42 56.5 45.2 67.8

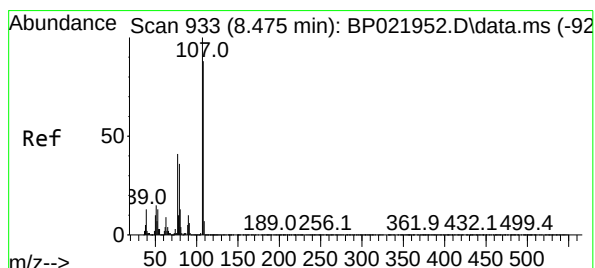
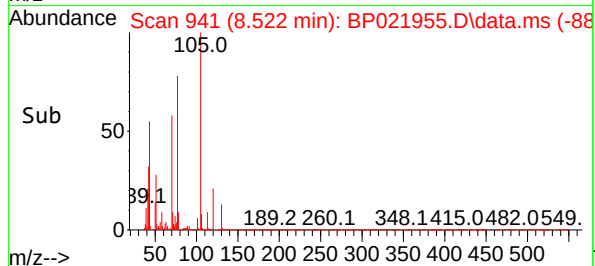
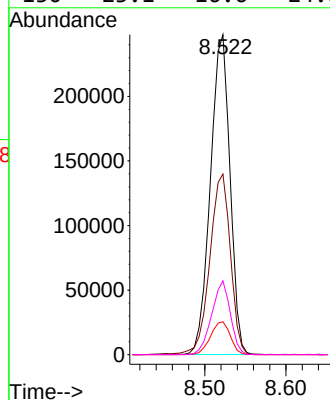
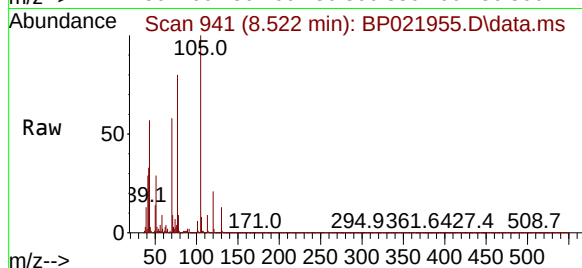
101 10.3 7.8 11.6

130 23.1 16.6 24.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/22/2024



#20

3+4-Methylphenols

Concen: 80.741 ng

RT: 8.481 min Scan# 934

Delta R.T. 0.006 min

Lab File: BP021955.D

Acq: 19 Sep 2024 17:44

Tgt Ion:107 Resp: 620463

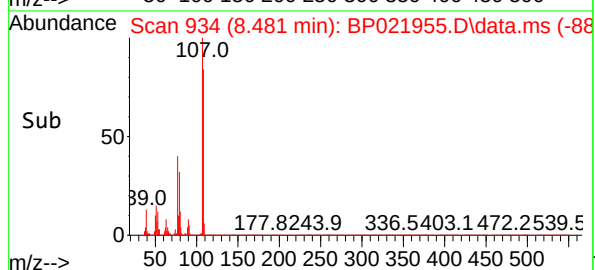
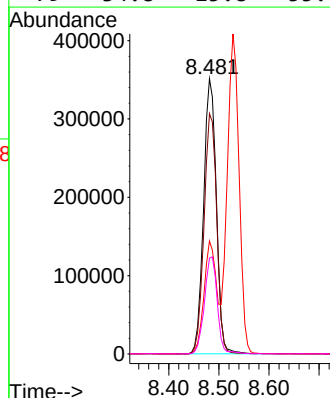
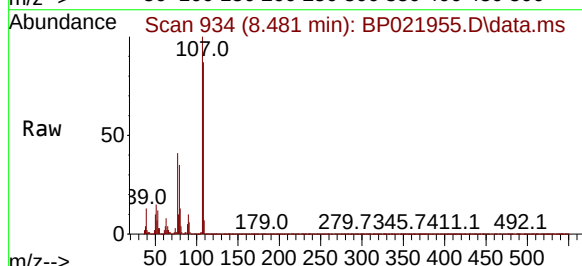
Ion Ratio Lower Upper

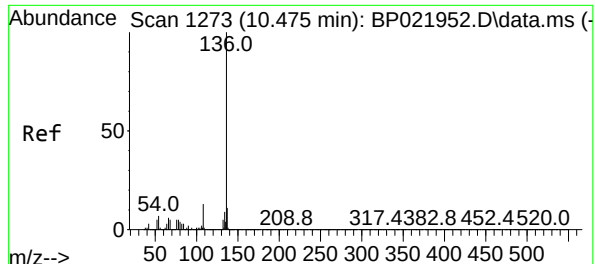
107 100

108 87.3 68.3 108.3

77 41.1 20.6 60.6

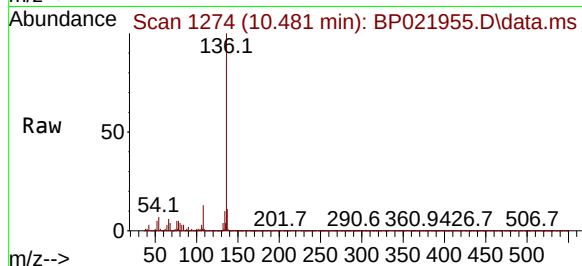
79 34.8 15.8 55.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

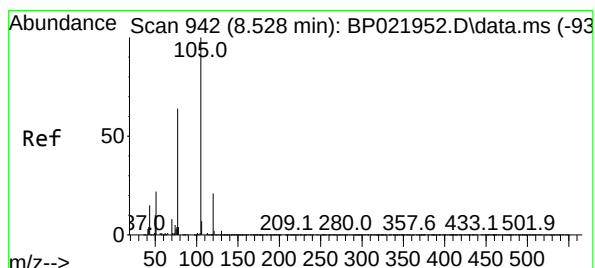
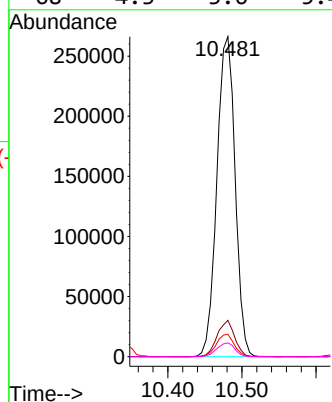
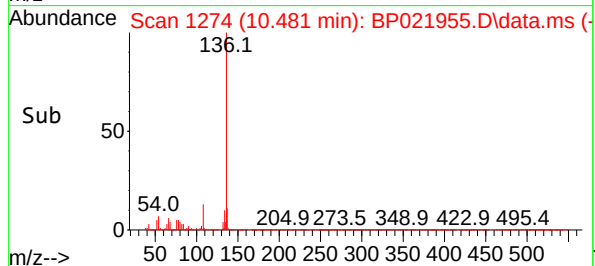
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:136 Resp: 454584
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 7.0 5.5 8.3
68 4.3 3.6 5.4

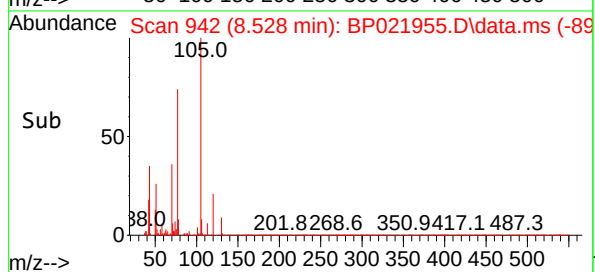
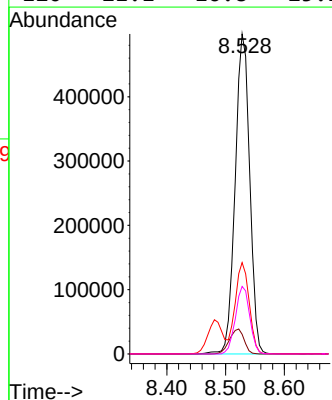
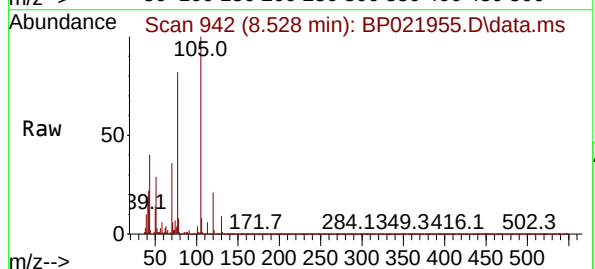
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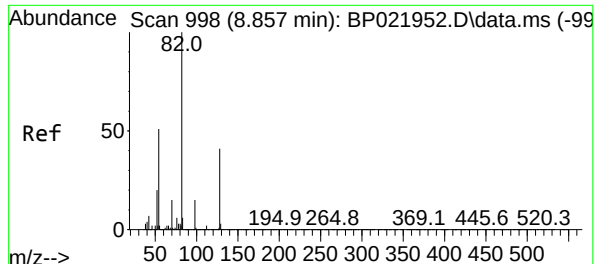
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#22
Acetophenone
Concen: 77.106 ng
RT: 8.528 min Scan# 942
Delta R.T. 0.000 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

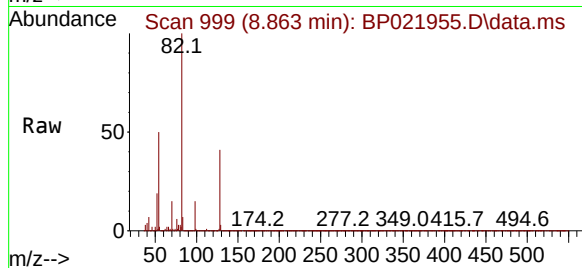
Tgt Ion:105 Resp: 855047
Ion Ratio Lower Upper
105 100
71 6.2 1.4 2.0#
51 28.6 22.1 33.1
120 21.1 16.8 25.2





#23
Nitrobenzene-d5
Concen: 156.477 ng
RT: 8.863 min Scan# 998
Delta R.T. 0.006 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

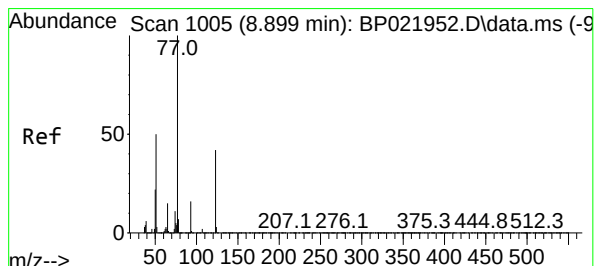
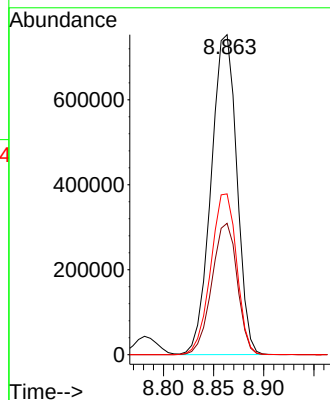
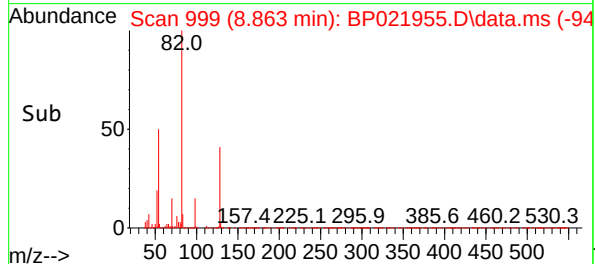
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 82 Resp: 1344312
Ion Ratio Lower Upper
82 100
128 41.1 33.1 49.7
54 50.2 40.3 60.5

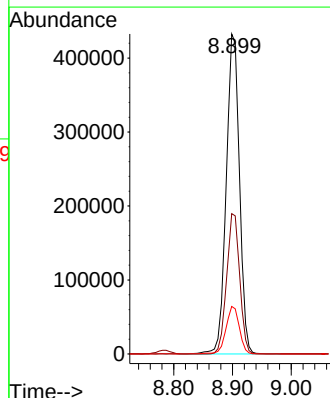
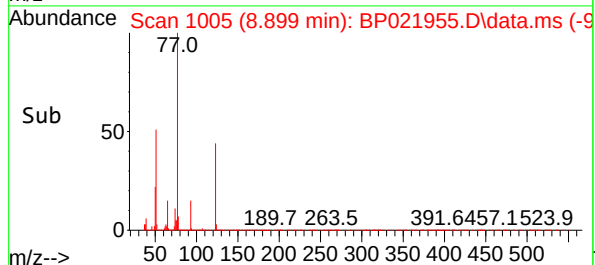
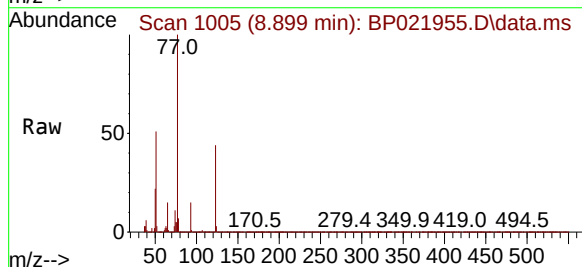
Manual Integrations
APPROVED

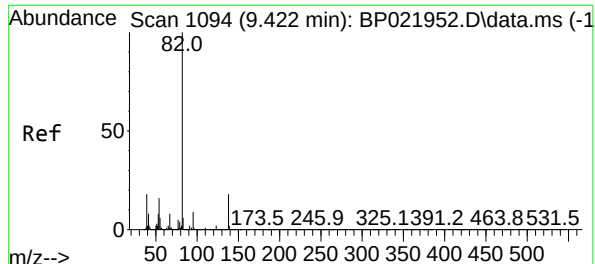
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#24
Nitrobenzene
Concen: 77.439 ng
RT: 8.899 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

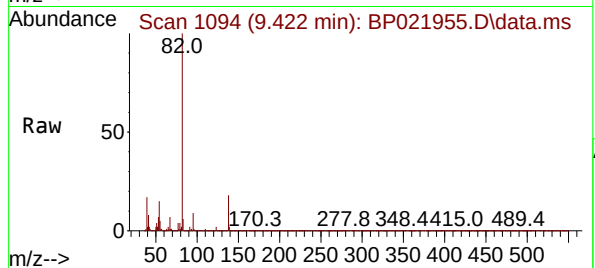
Tgt Ion: 77 Resp: 675611
Ion Ratio Lower Upper
77 100
123 43.9 33.9 50.9
65 14.9 12.0 18.0





#25
Isophorone
Concen: 80.082 ng
RT: 9.422 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

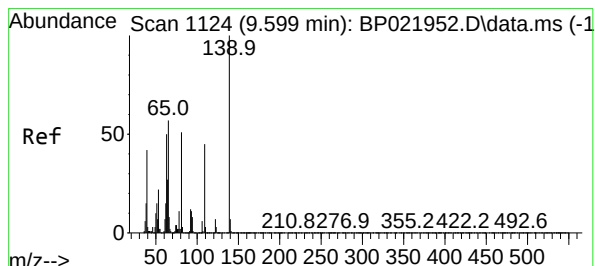
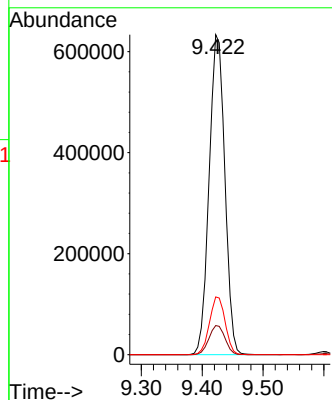
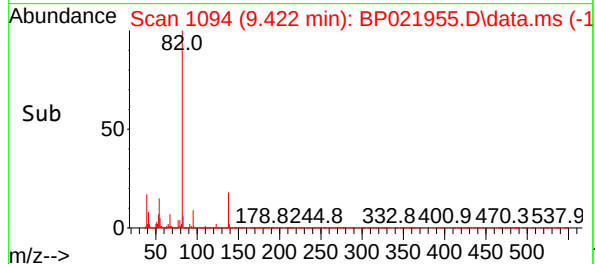
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 82 Resp: 113427
Ion Ratio Lower Upper
82 100
95 9.1 7.0 10.6
138 18.1 14.6 21.8

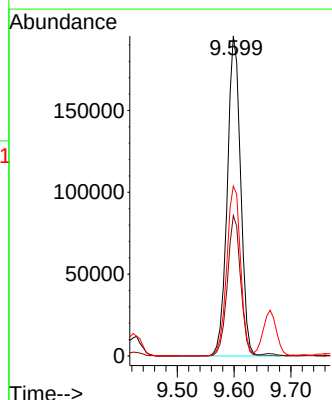
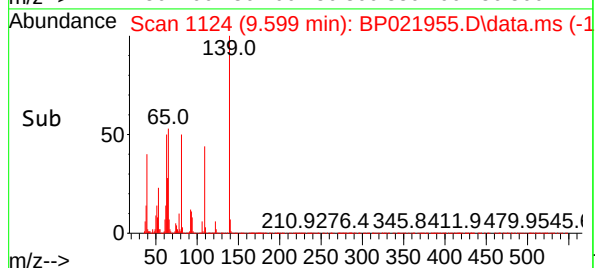
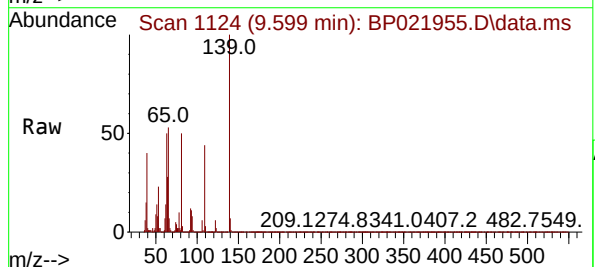
Manual Integrations
APPROVED

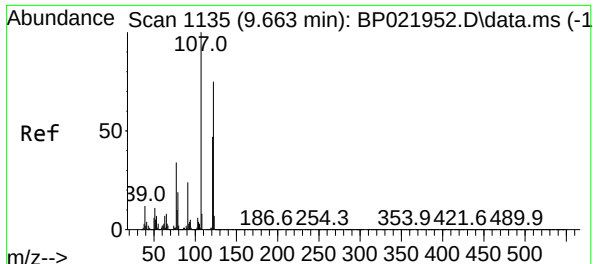
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#26
2-Nitrophenol
Concen: 83.696 ng
RT: 9.599 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

Tgt Ion:139 Resp: 319273
Ion Ratio Lower Upper
139 100
109 43.9 36.0 54.0
65 53.1 45.7 68.5





#27

2,4-Dimethylphenol

Concen: 80.083 ng

RT: 9.663 min Scan# 1135

Delta R.T. 0.000 min

Lab File: BP021955.D

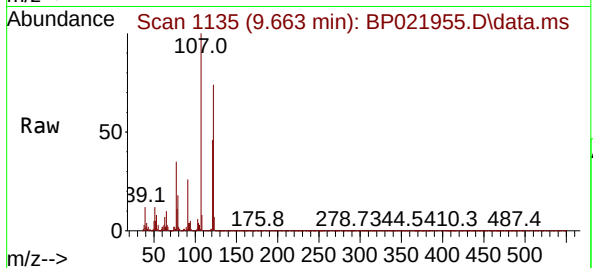
Acq: 19 Sep 2024 17:44

Instrument :

BNA_P

ClientSampleId :

SSTDICC080



Tgt Ion:122 Resp: 35373

Ion Ratio Lower Upper

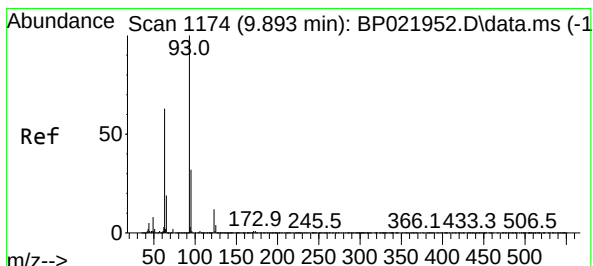
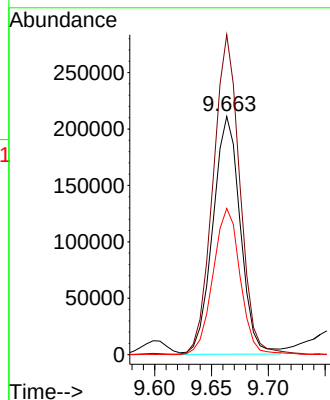
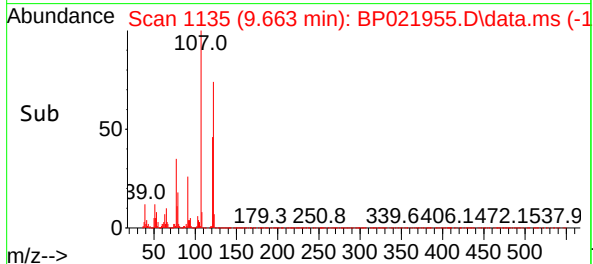
122 100

107 134.3 106.1 159.1

121 61.4 49.6 74.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#28

bis(2-Chloroethoxy)methane

Concen: 76.994 ng

RT: 9.893 min Scan# 1174

Delta R.T. 0.000 min

Lab File: BP021955.D

Acq: 19 Sep 2024 17:44

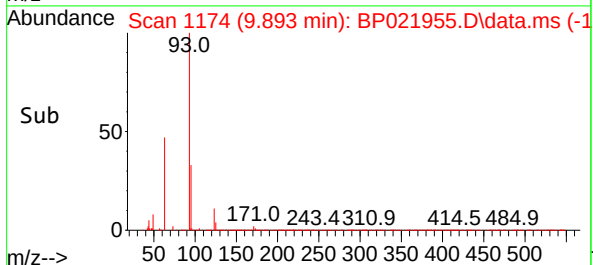
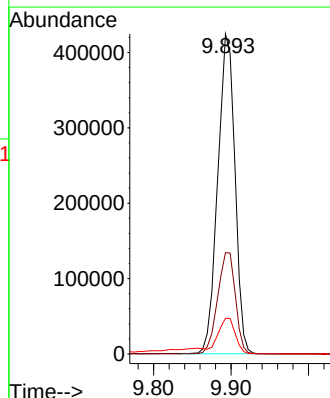
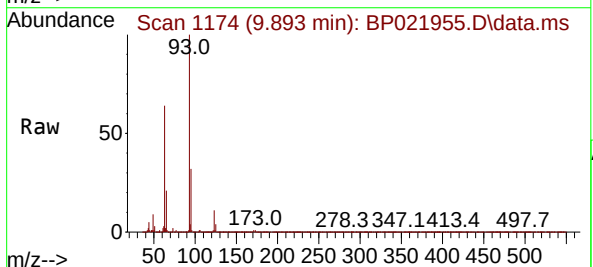
Tgt Ion: 93 Resp: 653873

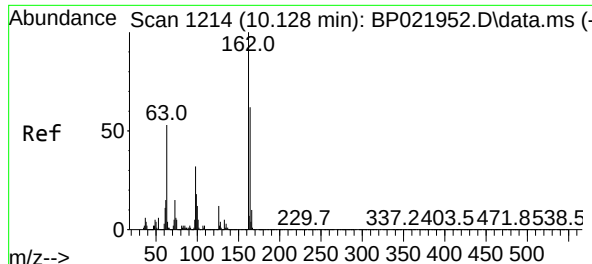
Ion Ratio Lower Upper

93 100

95 31.6 25.7 38.5

123 11.1 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 80.990 ng

RT: 10.128 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BP021955.D

Acq: 19 Sep 2024 17:44

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:162 Resp: 607210

Ion Ratio Lower Upper

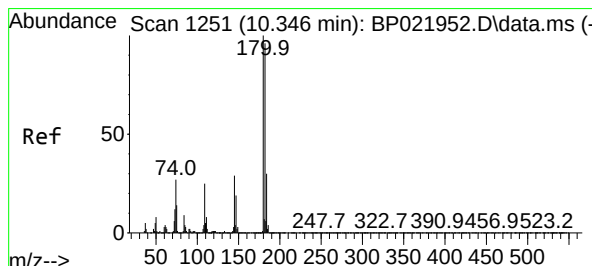
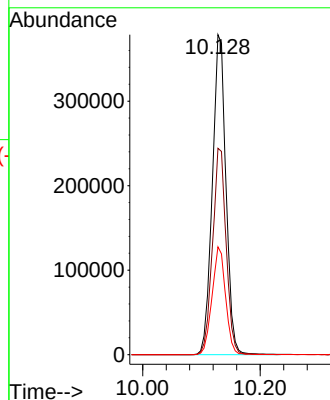
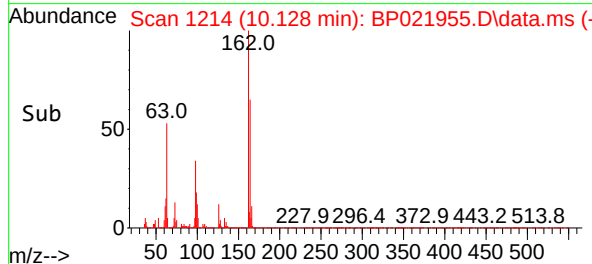
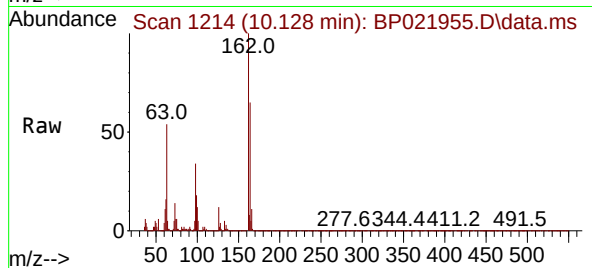
162 100

164 64.5 41.7 81.7

98 33.7 12.4 52.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#30

1,2,4-Trichlorobenzene

Concen: 76.743 ng

RT: 10.340 min Scan# 1250

Delta R.T. -0.006 min

Lab File: BP021955.D

Acq: 19 Sep 2024 17:44

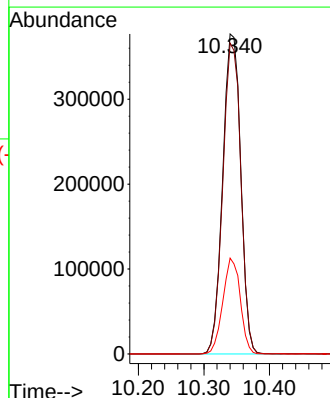
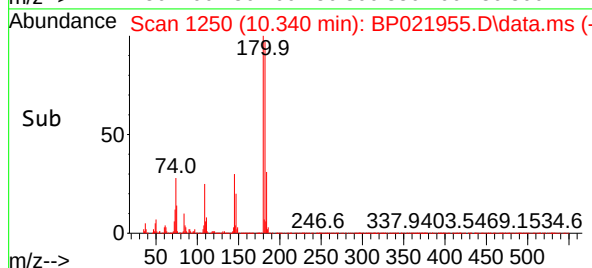
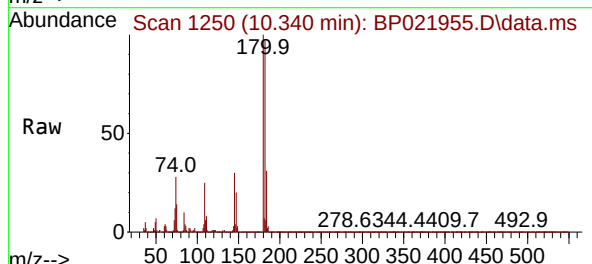
Tgt Ion:180 Resp: 716682

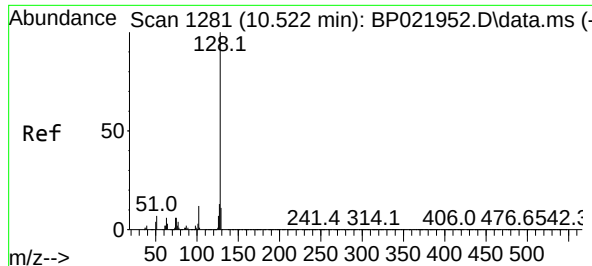
Ion Ratio Lower Upper

180 100

182 97.1 77.0 115.4

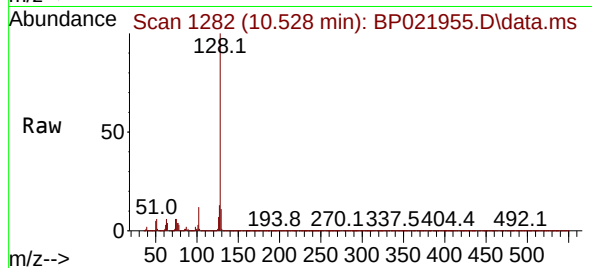
145 29.9 23.0 34.6





#31
Naphthalene
Concen: 77.714 ng
RT: 10.528 min Scan# 1281
Delta R.T. 0.006 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

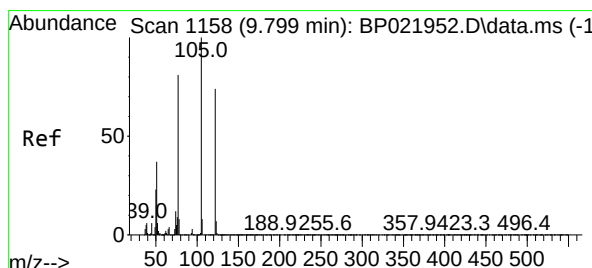
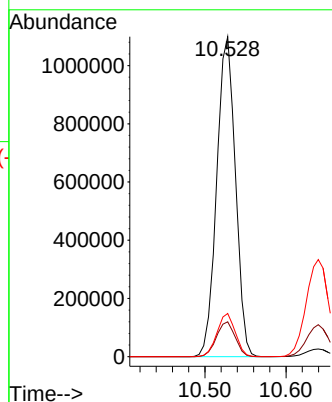
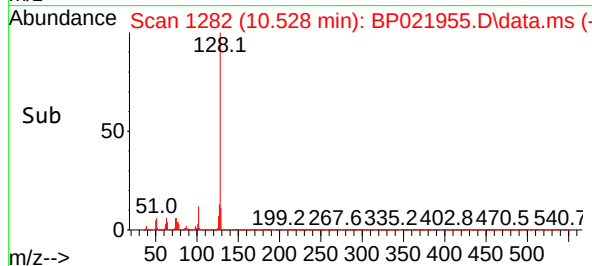
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:128 Resp: 1762769
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.5 10.6 15.8

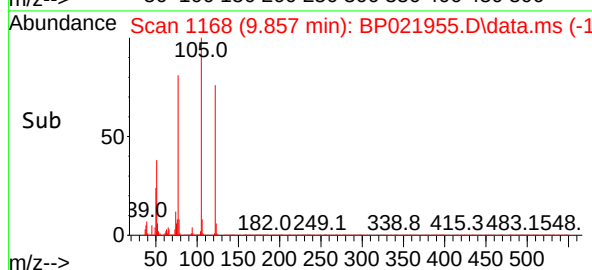
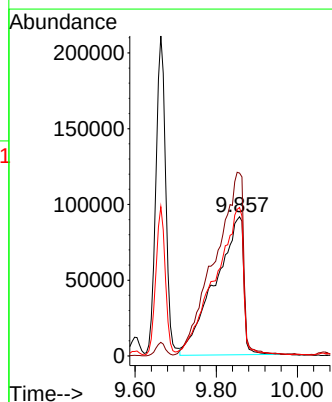
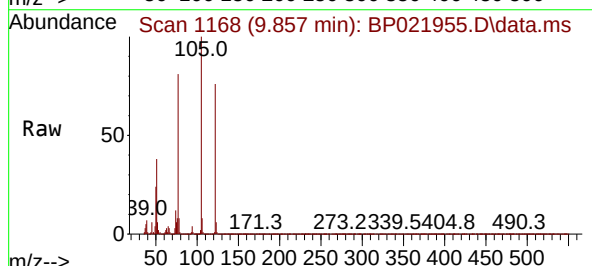
Manual Integrations
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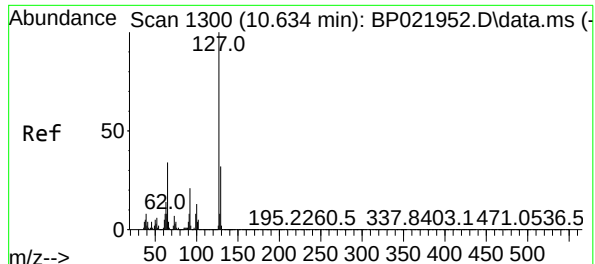
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#32
Benzoic acid
Concen: 84.254 ng
RT: 9.857 min Scan# 1168
Delta R.T. 0.059 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

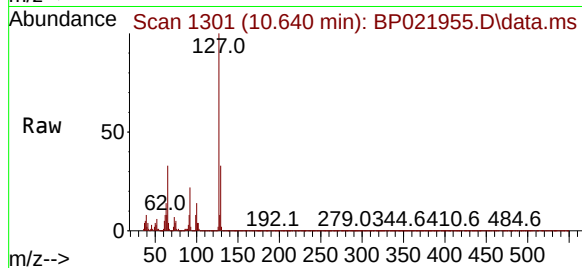
Tgt Ion:122 Resp: 443397
Ion Ratio Lower Upper
122 100
105 131.4 111.3 151.3
77 106.7 86.7 126.7





#33
4-Chloroaniline
Concen: 78.468 ng
RT: 10.640 min Scan# 1301
Delta R.T. 0.006 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

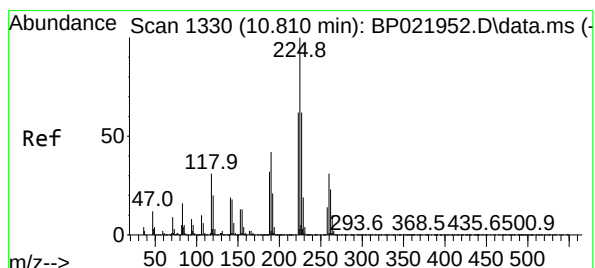
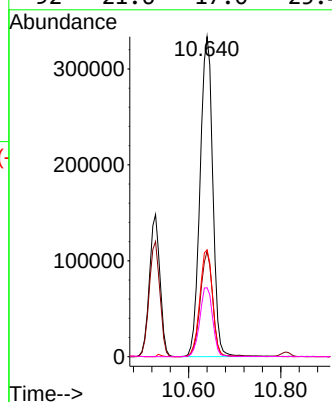
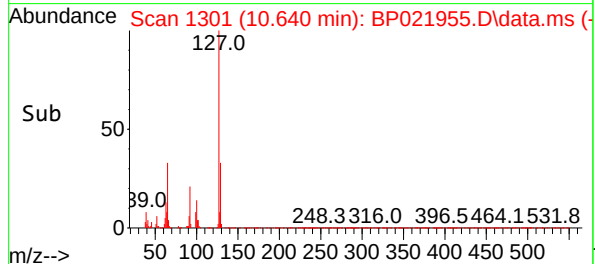
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:127 Resp: 642009
Ion Ratio Lower Upper
127 100
129 32.9 25.4 38.0
65 33.4 27.4 41.2
92 21.6 17.0 25.4

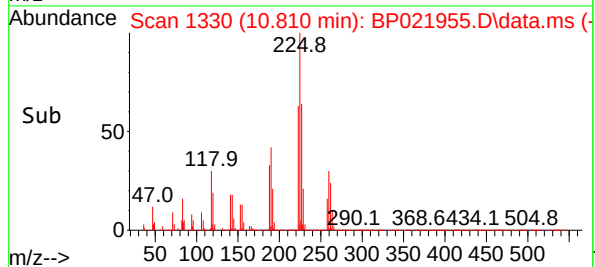
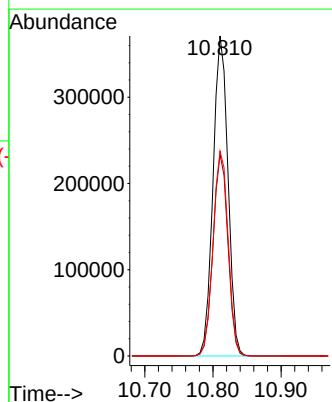
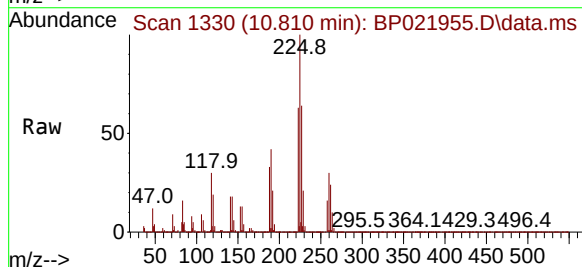
Manual Integrations
APPROVED

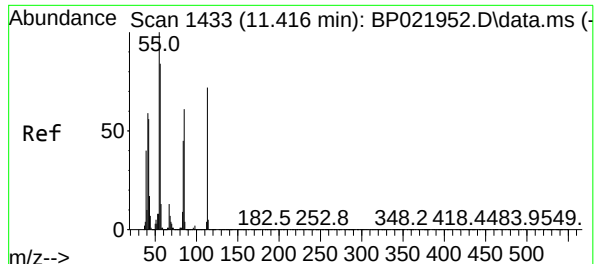
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#34
Hexachlorobutadiene
Concen: 77.281 ng
RT: 10.810 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

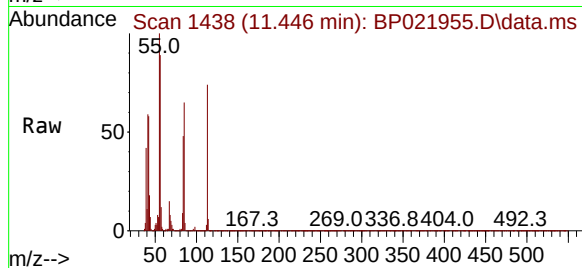
Tgt Ion:225 Resp: 564589
Ion Ratio Lower Upper
225 100
223 63.0 50.0 75.0
227 64.0 49.7 74.5





#35
Caprolactam
Concen: 80.885 ng/ml
RT: 11.446 min Scan# 1438
Delta R.T. 0.030 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

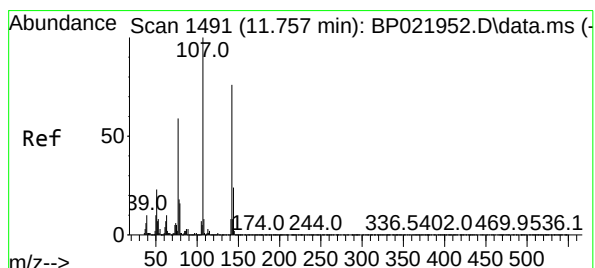
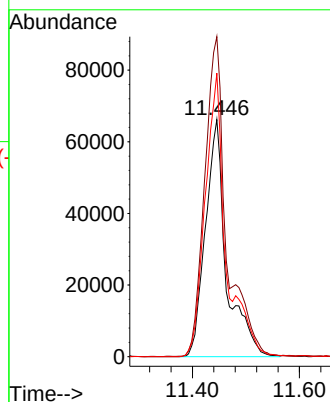
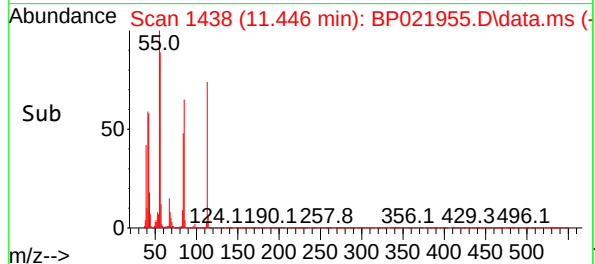
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:113 Resp: 180139
Ion Ratio Lower Upper
113 100
55 135.0 119.4 159.4
56 119.6 97.1 137.1

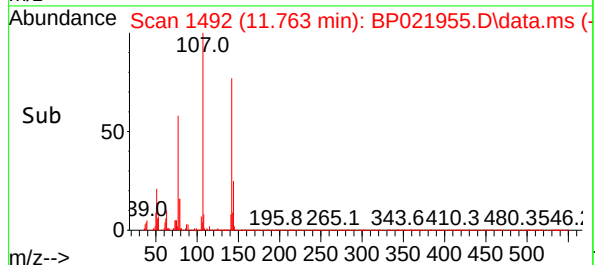
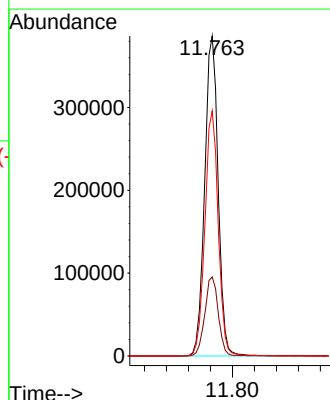
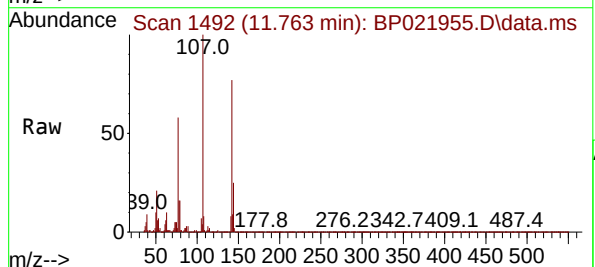
Manual Integrations
APPROVED

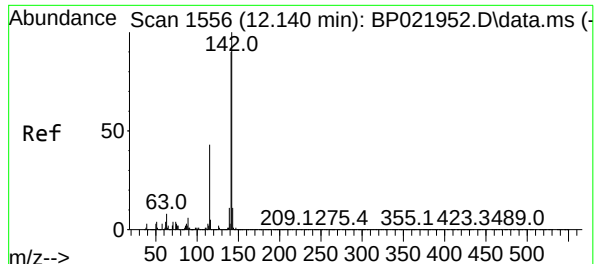
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#36
4-Chloro-3-methylphenol
Concen: 81.370 ng/ml
RT: 11.763 min Scan# 1492
Delta R.T. 0.006 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

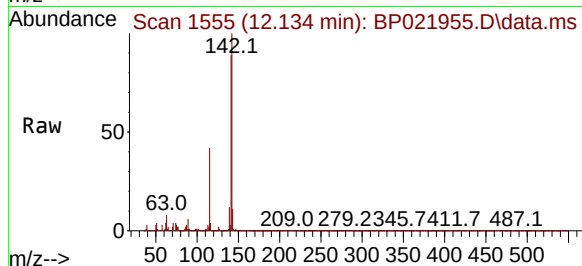
Tgt Ion:107 Resp: 654502
Ion Ratio Lower Upper
107 100
144 24.7 19.0 28.4
142 76.6 60.4 90.6





#37
2-Methylnaphthalene
Concen: 78.548 ng
RT: 12.134 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

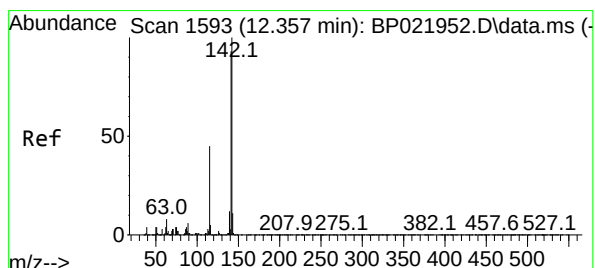
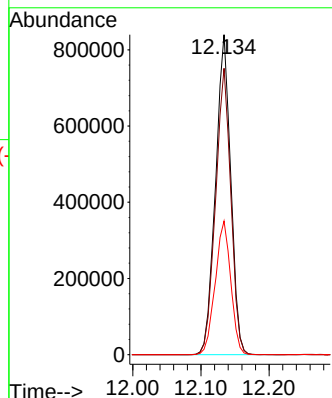
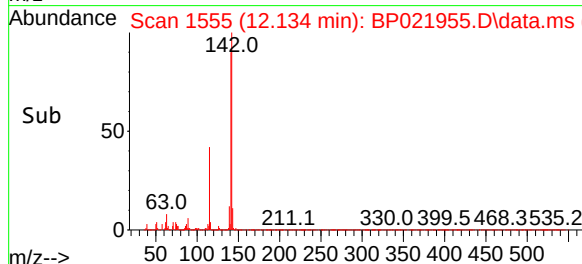
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:142 Resp: 1303538
Ion Ratio Lower Upper
142 100
141 89.5 71.7 107.5
115 41.7 34.6 51.8

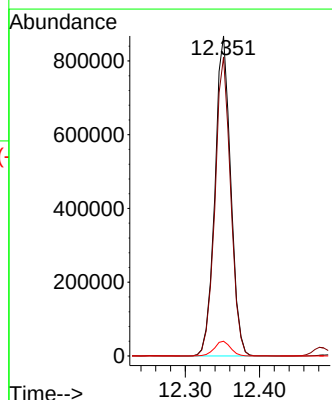
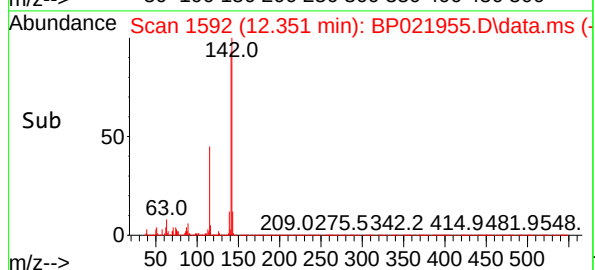
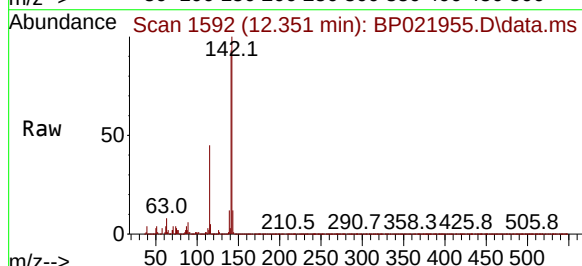
Manual Integrations
APPROVED

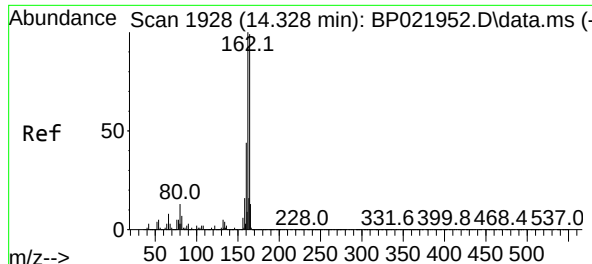
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#38
1-Methylnaphthalene
Concen: 78.222 ng
RT: 12.351 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

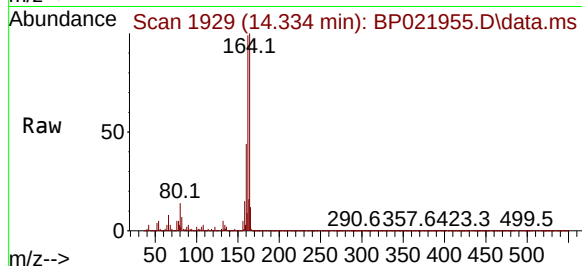
Tgt Ion:142 Resp: 1281660
Ion Ratio Lower Upper
142 100
141 93.4 74.1 111.1
116 4.6 3.8 5.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1929
Delta R.T. 0.006 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

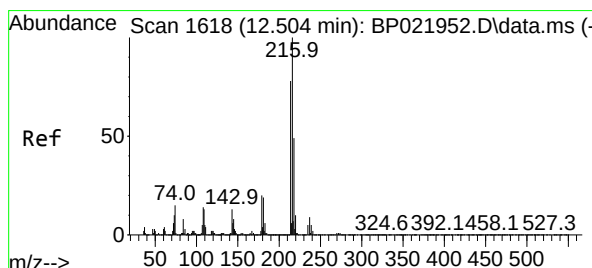
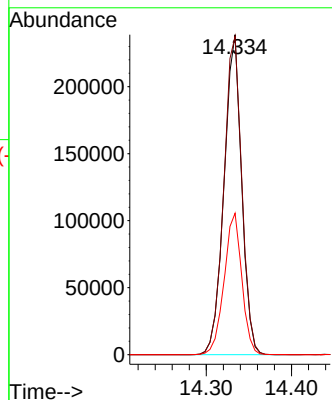
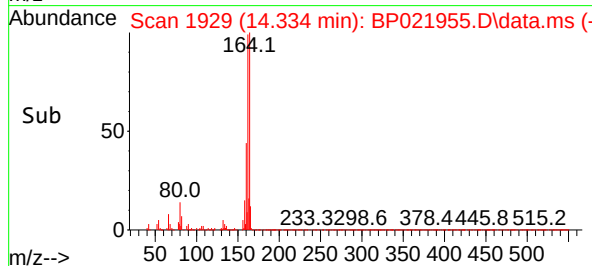
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:164 Resp: 342314
Ion Ratio Lower Upper
164 100
162 99.4 81.2 121.8
160 44.2 35.9 53.9

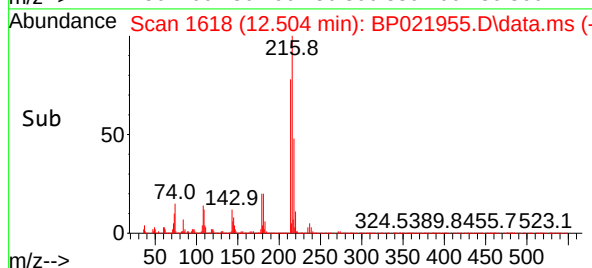
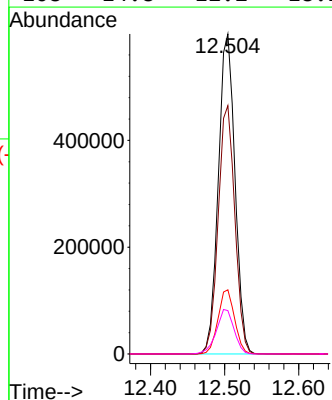
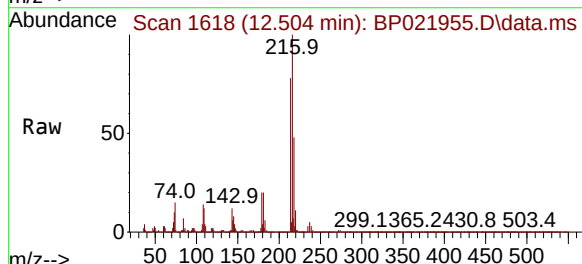
Manual Integrations
APPROVED

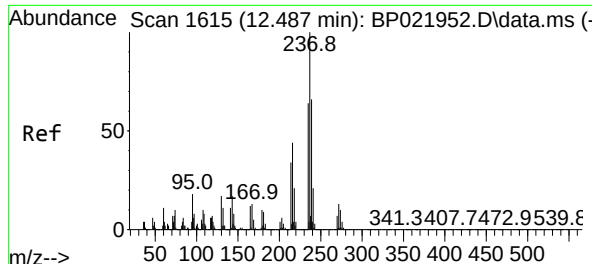
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 77.992 ng
RT: 12.504 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

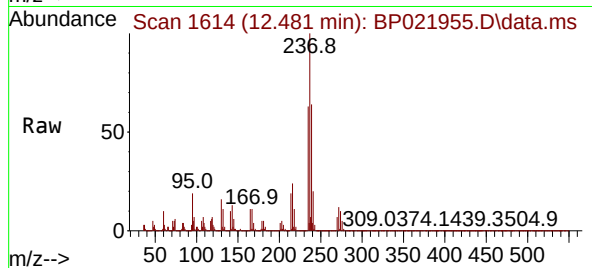
Tgt Ion:216 Resp: 934058
Ion Ratio Lower Upper
216 100
214 77.6 62.8 94.2
179 20.0 16.4 24.6
108 14.8 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 79.954 ng
RT: 12.481 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

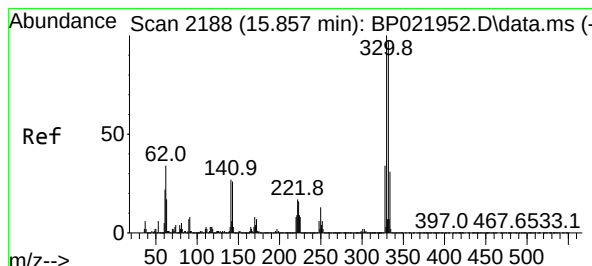
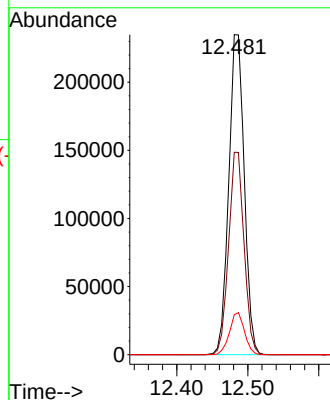
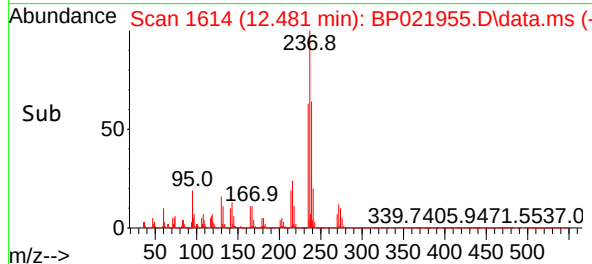
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 237 Resp: 355780
Ion Ratio Lower Upper
237 100
235 63.3 44.1 84.1
272 12.5 0.0 33.1

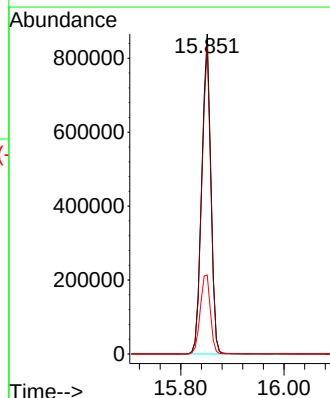
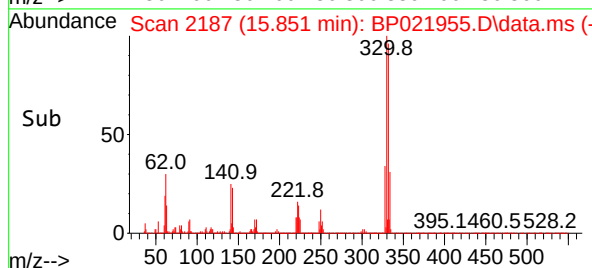
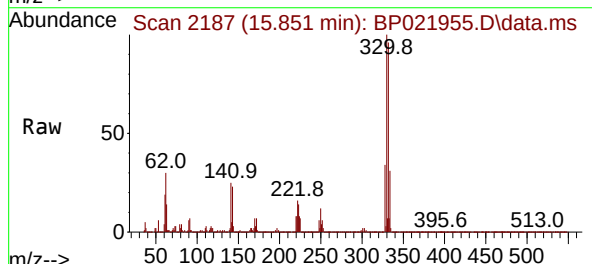
Manual Integrations
APPROVED

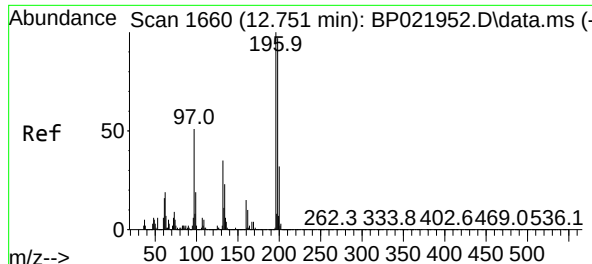
Reviewed By : Jagrut Upadhyay 09/20/2024
Supervised By : mohammad ahmed 09/22/2024



#42
2,4,6-Tribromophenol
Concen: 166.489 ng
RT: 15.851 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

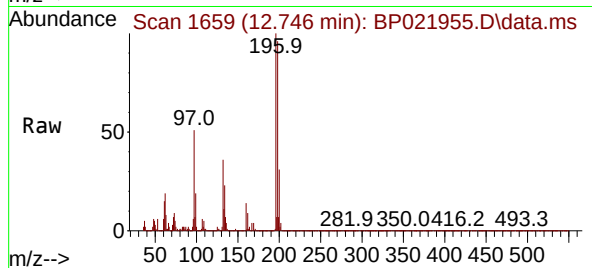
Tgt Ion: 330 Resp: 1056557
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 27.4 23.4 35.0





#43
2,4,6-Trichlorophenol
Concen: 80.057 ng
RT: 12.746 min Scan# 1659
Delta R.T. -0.006 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

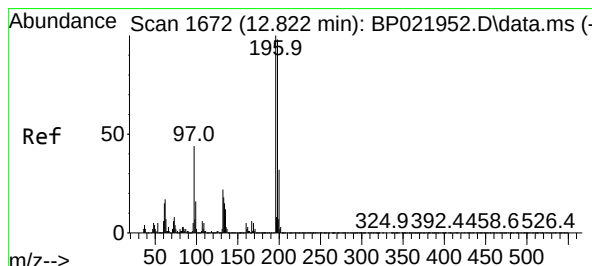
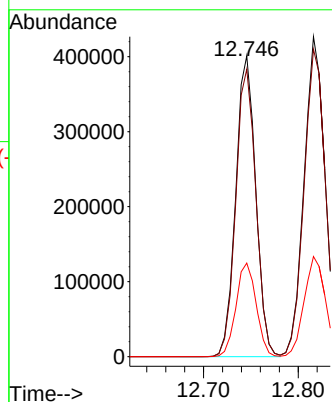
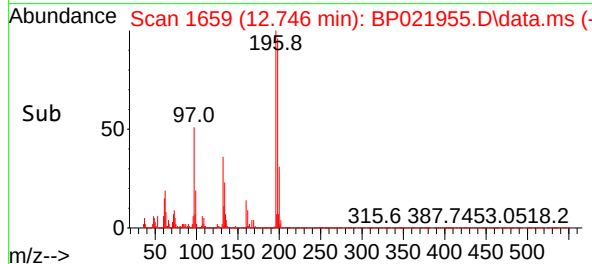
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:196 Resp: 588494
Ion Ratio Lower Upper
196 100
198 95.6 77.6 116.4
200 31.1 25.8 38.6

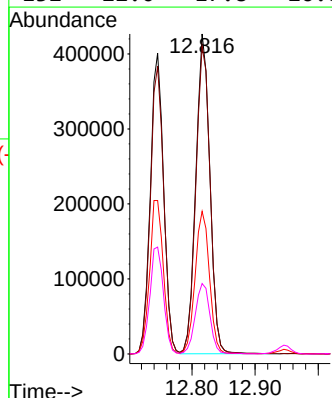
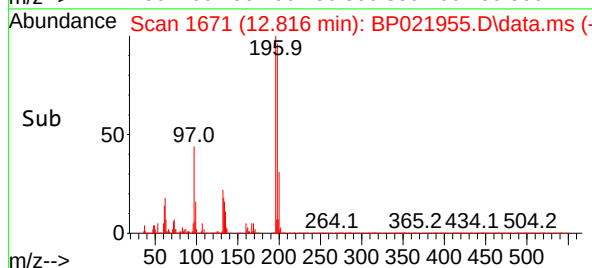
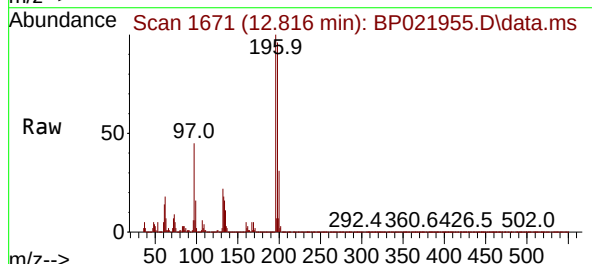
Manual Integrations
APPROVED

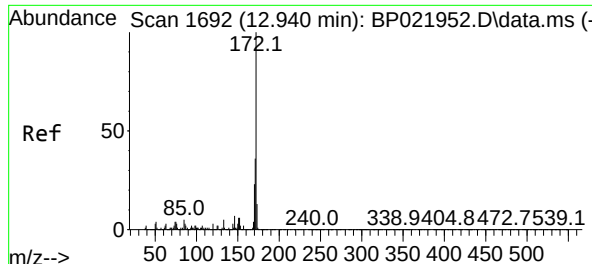
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#44
2,4,5-Trichlorophenol
Concen: 80.058 ng
RT: 12.816 min Scan# 1671
Delta R.T. -0.006 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

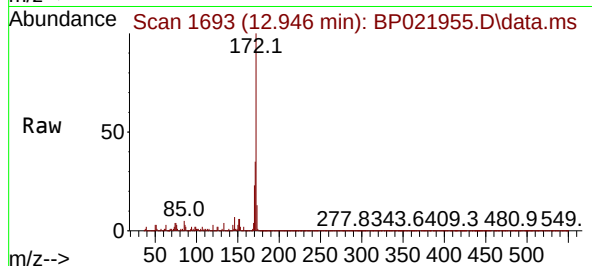
Tgt Ion:196 Resp: 660171
Ion Ratio Lower Upper
196 100
198 96.0 78.2 117.4
97 44.6 35.0 52.4
132 22.0 17.8 26.8





#45
2-Fluorobiphenyl
Concen: 154.875 ng
RT: 12.946 min Scan# 1692
Delta R.T. 0.006 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

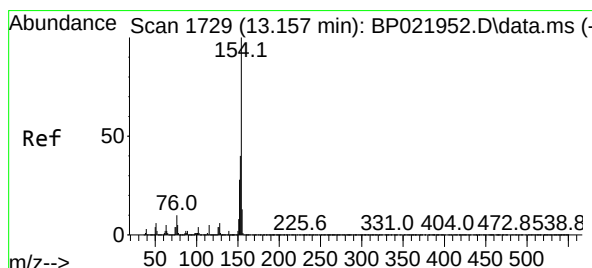
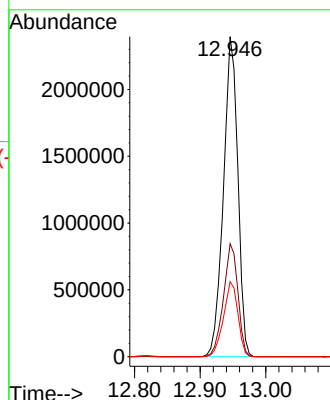
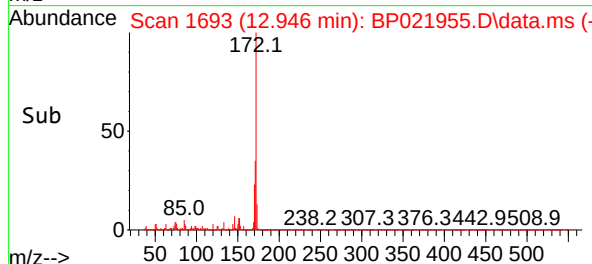
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



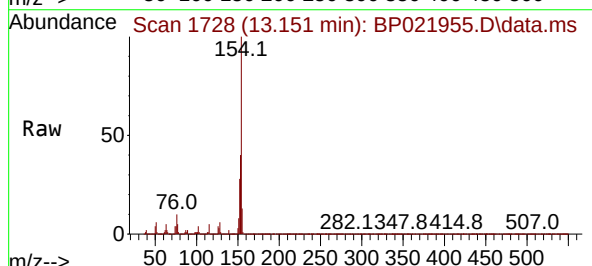
Tgt Ion:172 Resp: 3631798
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.4 18.8 28.2

Manual Integrations
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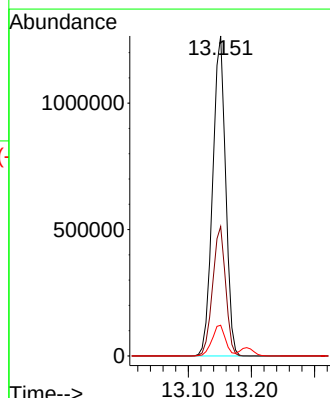
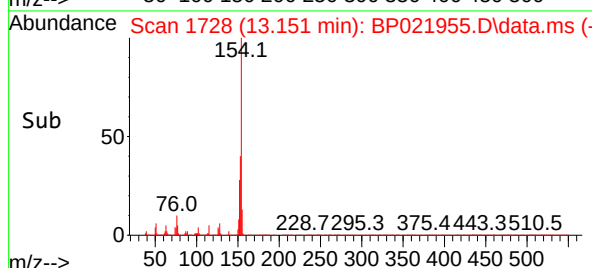
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

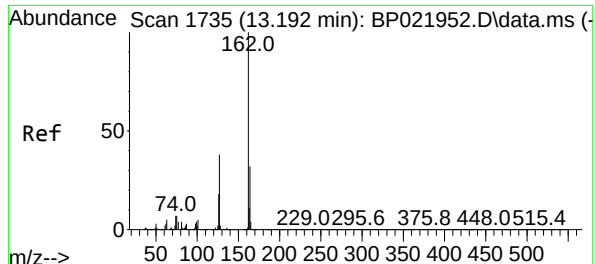


#46
1,1'-Biphenyl
Concen: 77.119 ng
RT: 13.151 min Scan# 1728
Delta R.T. -0.006 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44



Tgt Ion:154 Resp: 1799968
Ion Ratio Lower Upper
154 100
153 40.5 20.2 60.2
76 9.6 0.0 29.9





#47

2-Chloronaphthalene

Concen: 77.863 ng

RT: 13.193 min Scan# 1735

Delta R.T. 0.000 min

Lab File: BP021955.D

Acq: 19 Sep 2024 17:44

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:162 Resp: 146946

Ion Ratio Lower Upper

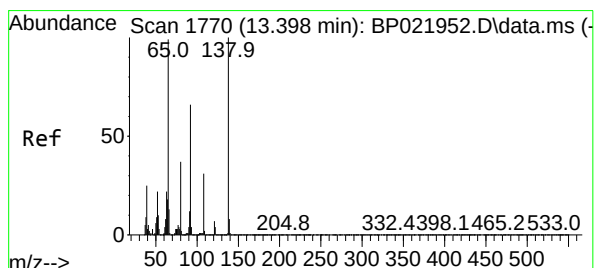
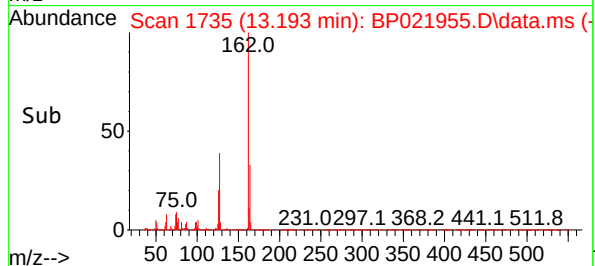
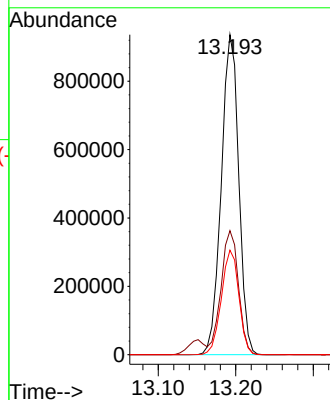
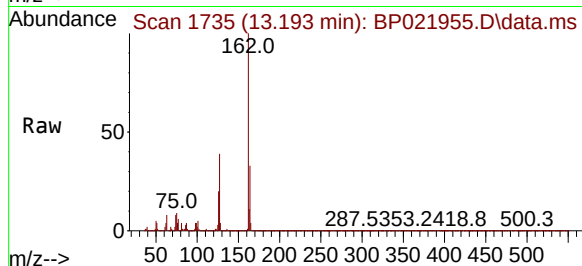
162 100

127 38.8 31.7 47.5

164 32.6 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#48

2-Nitroaniline

Concen: 81.796 ng

RT: 13.398 min Scan# 1770

Delta R.T. 0.000 min

Lab File: BP021955.D

Acq: 19 Sep 2024 17:44

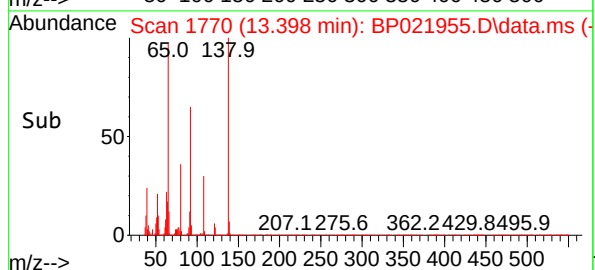
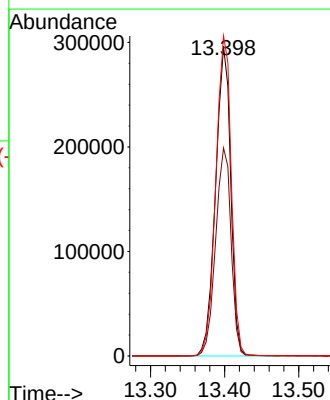
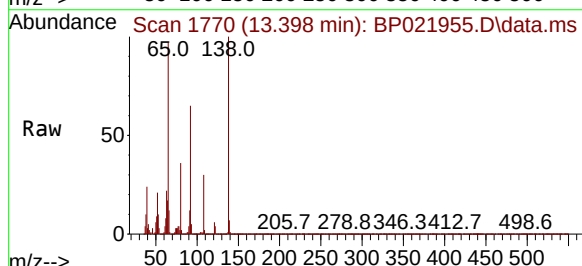
Tgt Ion: 65 Resp: 421525

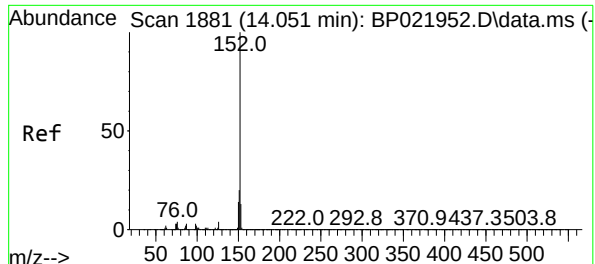
Ion Ratio Lower Upper

65 100

92 67.2 53.2 79.8

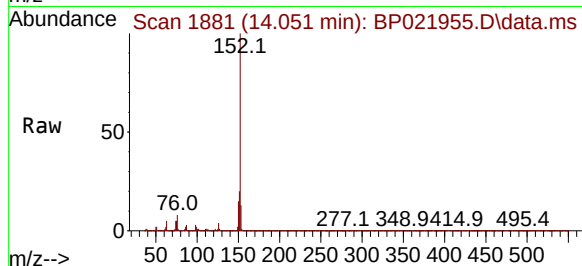
138 103.4 81.1 121.7





#49
Acenaphthylene
Concen: 79.335 ng
RT: 14.051 min Scan# 1881
Delta R.T. 0.000 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

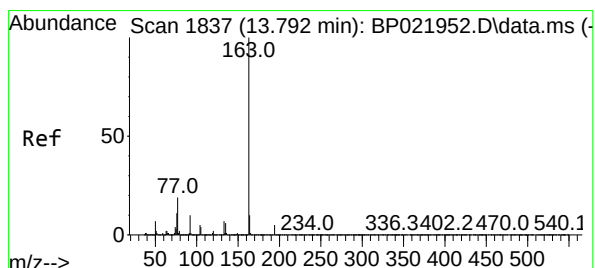
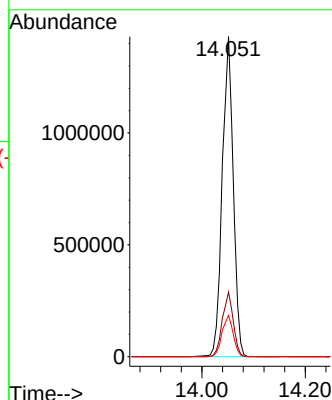
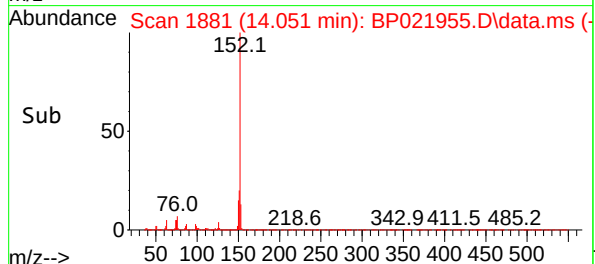
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:152 Resp: 2112719
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 12.9 10.8 16.2

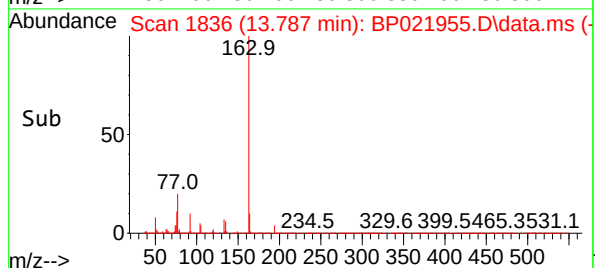
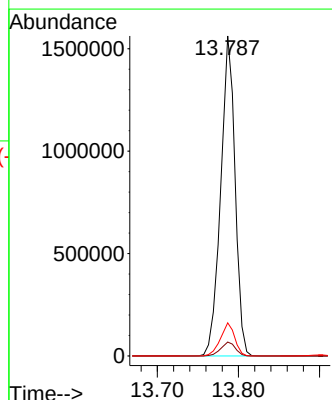
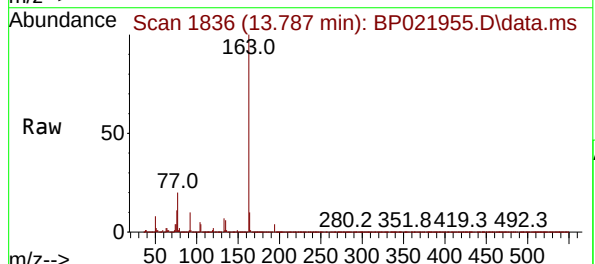
Manual Integrations
APPROVED

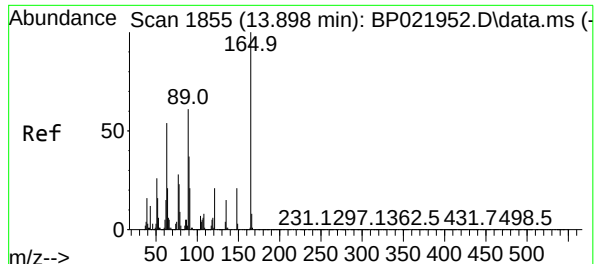
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#50
Dimethylphthalate
Concen: 77.682 ng
RT: 13.787 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

Tgt Ion:163 Resp: 1928635
Ion Ratio Lower Upper
163 100
194 4.3 3.6 5.4
164 10.3 8.0 12.0





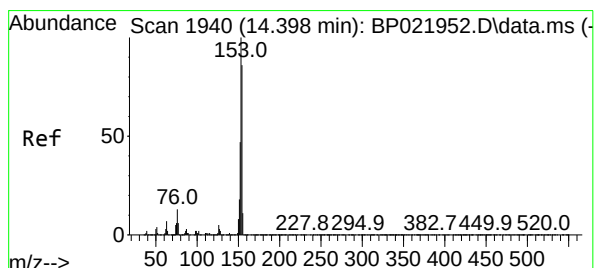
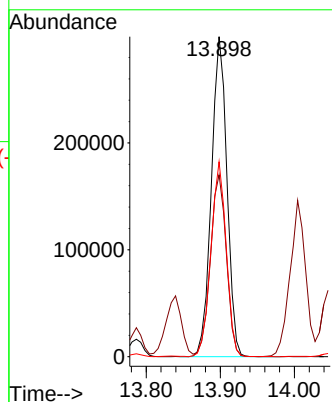
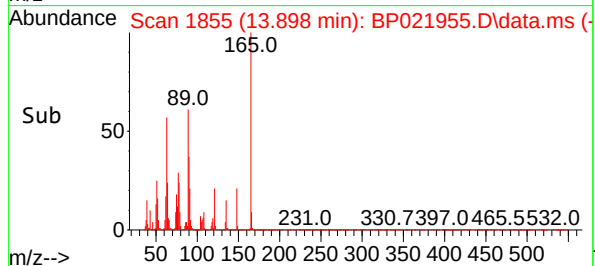
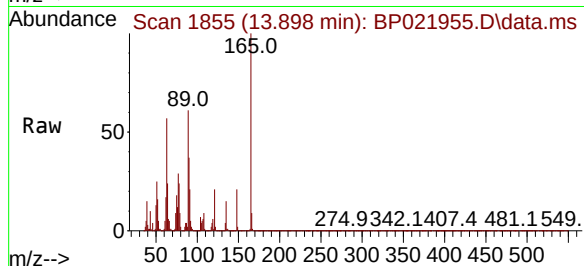
#51
2,6-Dinitrotoluene
Concen: 78.700 ng
RT: 13.898 min Scan# 1855
Delta R.T. 0.000 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 435392
Ion Ratio Lower Upper
165 100
63 56.9 46.4 69.6
89 60.9 48.5 72.7

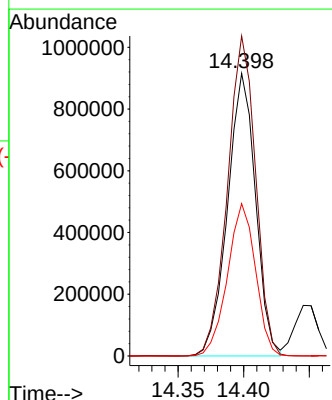
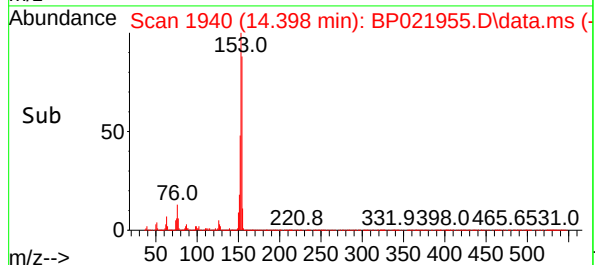
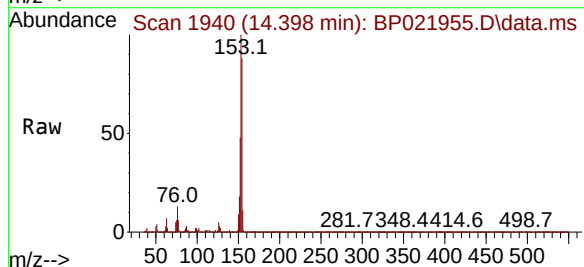
Manual Integrations
APPROVED

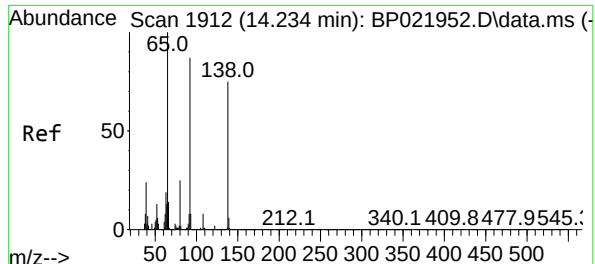
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#52
Acenaphthene
Concen: 78.504 ng
RT: 14.398 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

Tgt Ion:154 Resp: 1360604
Ion Ratio Lower Upper
154 100
153 113.2 92.7 139.1
152 53.9 43.6 65.4





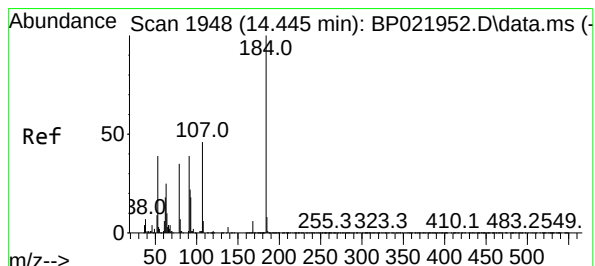
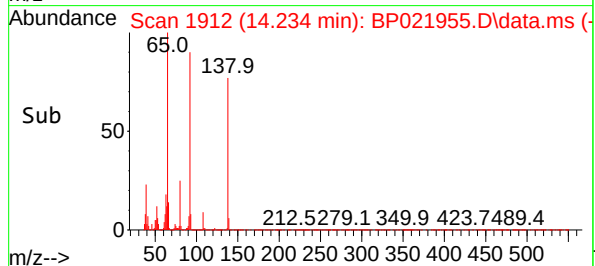
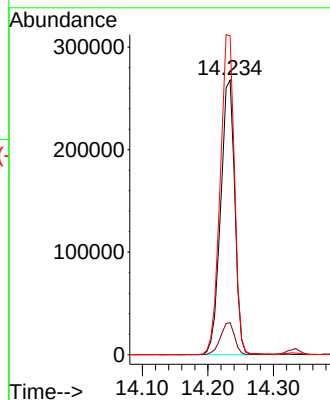
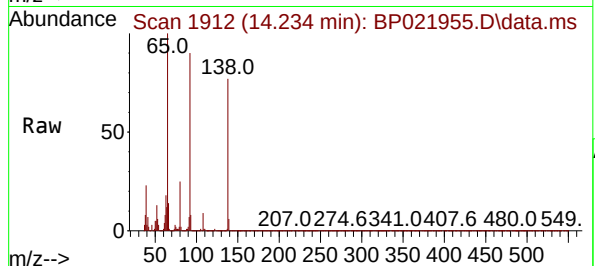
#53
3-Nitroaniline
Concen: 80.805 ng
RT: 14.234 min Scan# 1912
Delta R.T. 0.000 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:138 Resp: 39840
Ion Ratio Lower Upper
138 100
108 11.6 9.0 13.4
92 116.1 92.8 139.2

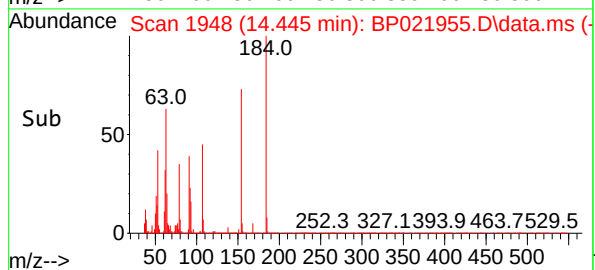
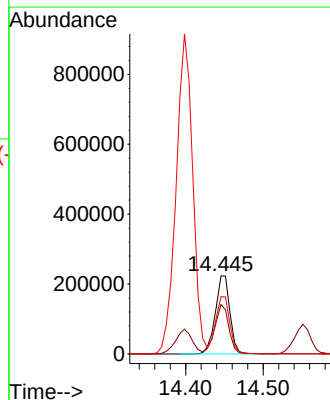
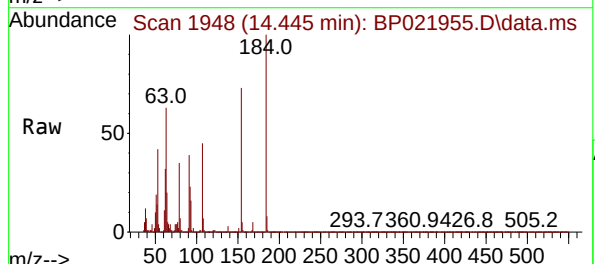
Manual Integrations
APPROVED

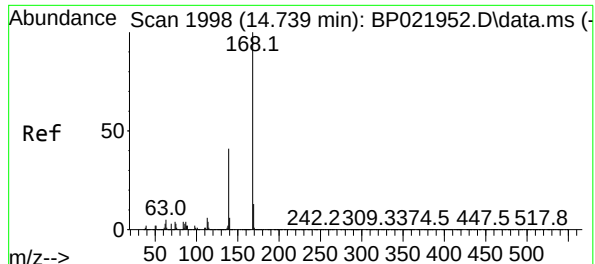
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#54
2,4-Dinitrophenol
Concen: 90.207 ng
RT: 14.445 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

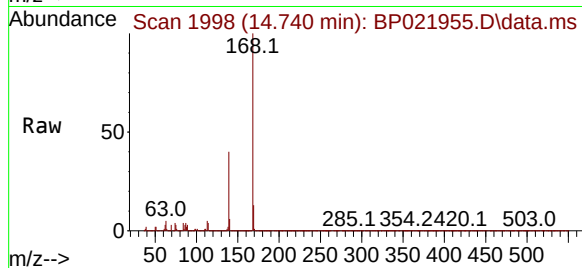
Tgt Ion:184 Resp: 292399
Ion Ratio Lower Upper
184 100
63 63.3 49.0 73.6
154 73.3 58.1 87.1





#55
Dibenzenofuran
Concen: 77.239 ng
RT: 14.740 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

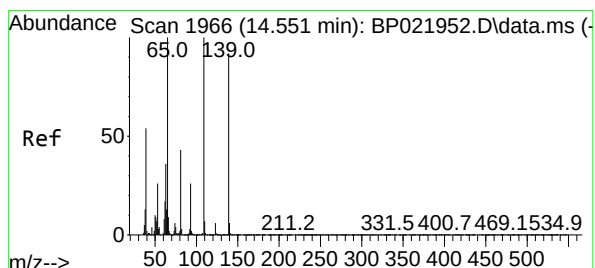
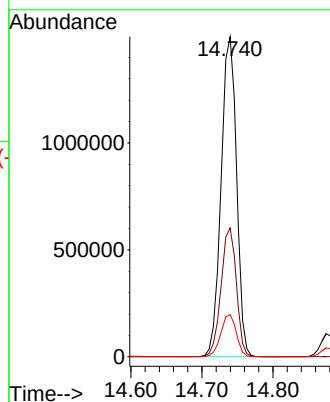
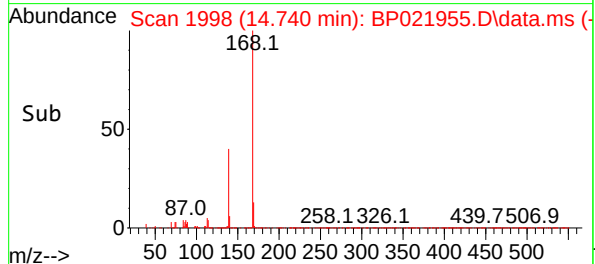
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:168 Resp: 2250130
Ion Ratio Lower Upper
168 100
139 40.2 33.0 49.4
169 13.1 10.7 16.1

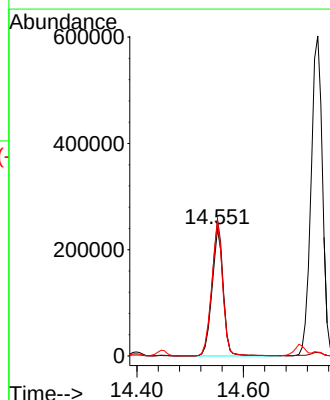
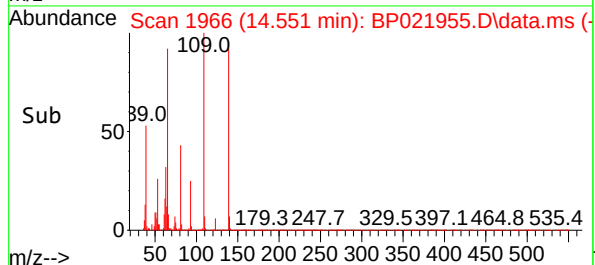
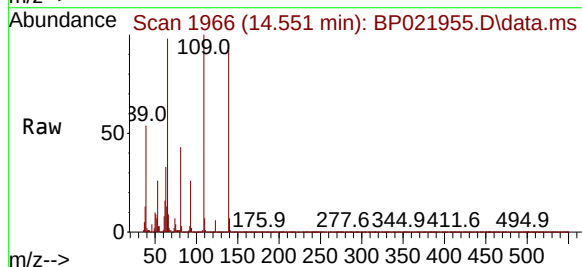
Manual Integrations
APPROVED

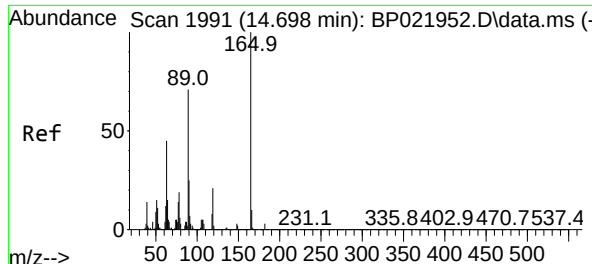
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#56
4-Nitrophenol
Concen: 80.703 ng
RT: 14.551 min Scan# 1966
Delta R.T. 0.000 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

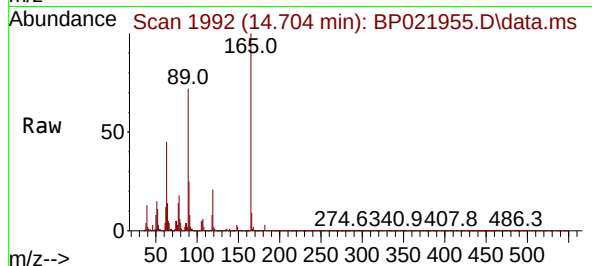
Tgt Ion:139 Resp: 346344
Ion Ratio Lower Upper
139 100
109 108.2 88.6 128.6
65 106.0 88.7 128.7





#57
2,4-Dinitrotoluene
Concen: 81.345 ng
RT: 14.704 min Scan# 1992
Delta R.T. 0.006 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

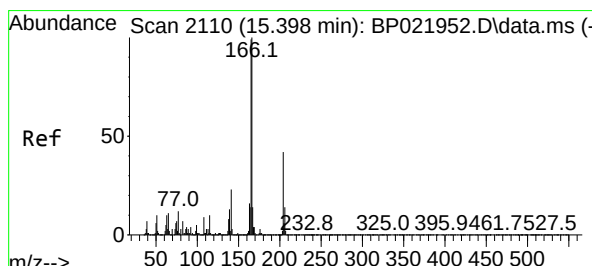
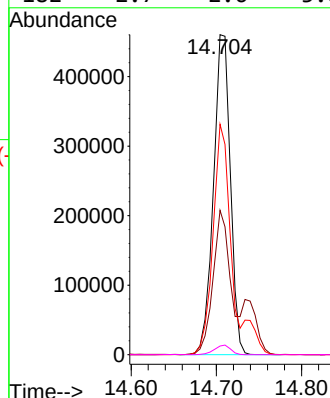
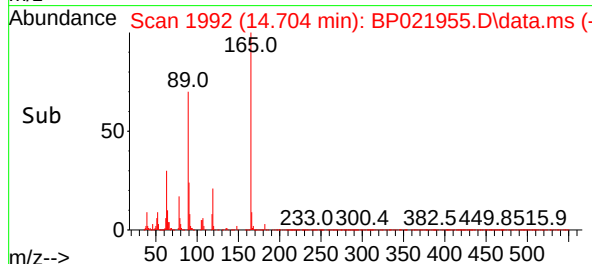
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:165 Resp: 636190
Ion Ratio Lower Upper
165 100
63 45.1 36.3 54.5
89 72.0 57.2 85.8
182 2.7 2.6 3.8

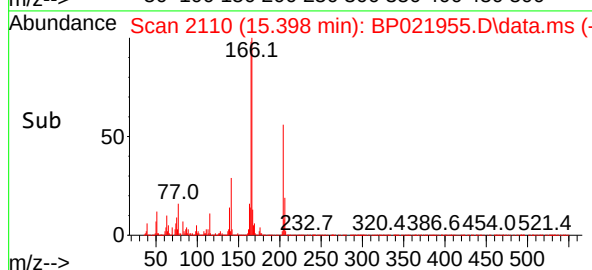
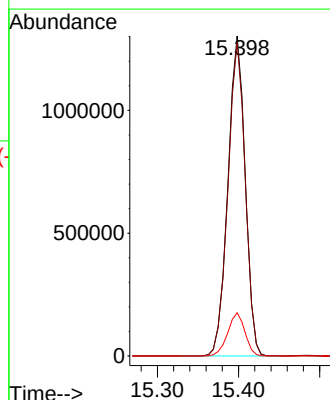
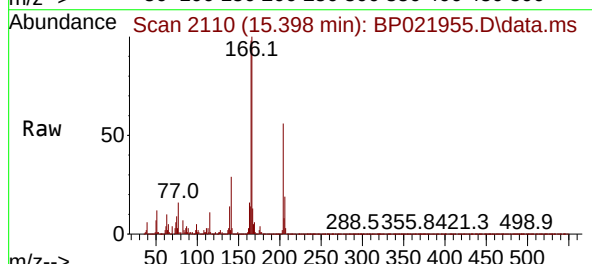
Manual Integrations
APPROVED

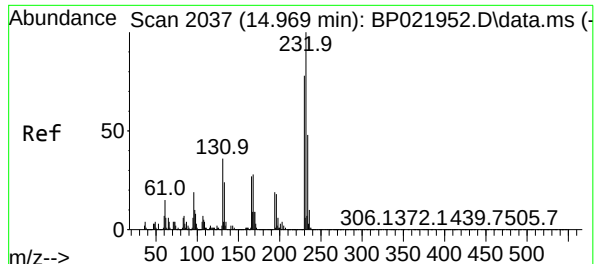
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#58
Fluorene
Concen: 79.341 ng
RT: 15.398 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

Tgt Ion:166 Resp: 1930245
Ion Ratio Lower Upper
166 100
165 98.1 79.4 119.2
167 13.5 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 79.074 ng

RT: 14.963 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BP021955.D

Acq: 19 Sep 2024 17:44

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:232 Resp: 62930

Ion Ratio Lower Upper

232 100

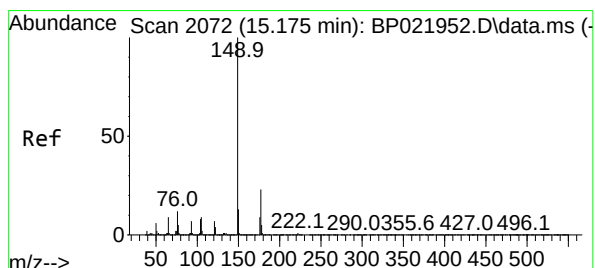
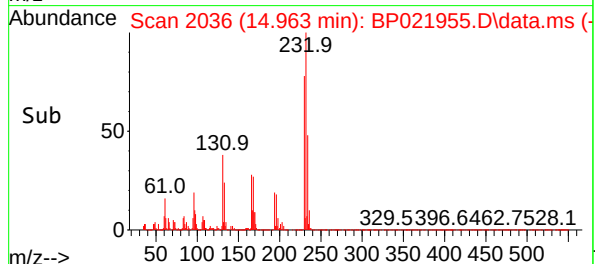
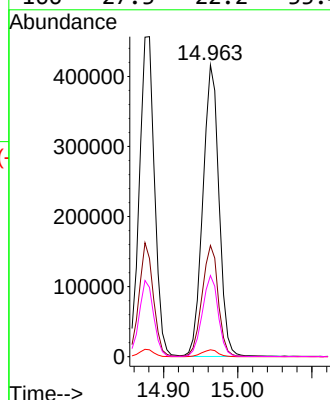
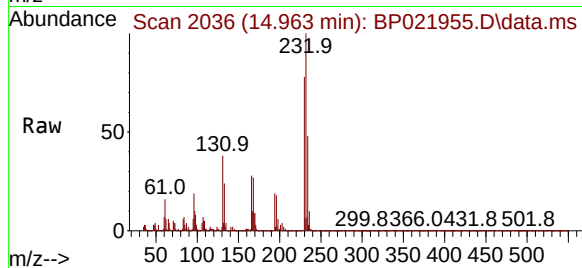
131 38.0 30.2 45.4

130 2.4 1.9 2.9

166 27.3 22.2 33.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#60

Diethylphthalate

Concen: 78.852 ng

RT: 15.169 min Scan# 2071

Delta R.T. -0.006 min

Lab File: BP021955.D

Acq: 19 Sep 2024 17:44

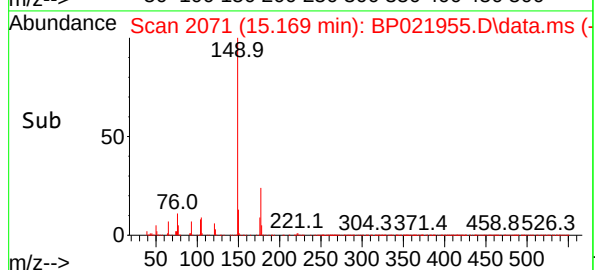
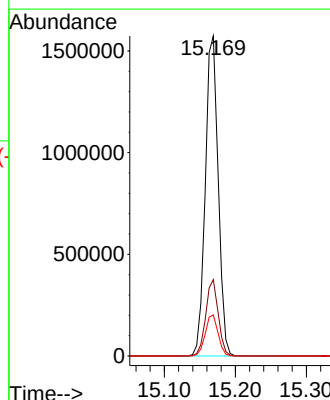
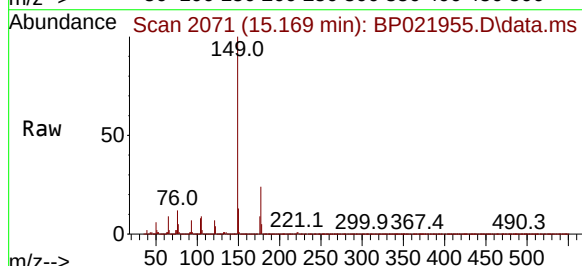
Tgt Ion:149 Resp: 1989344

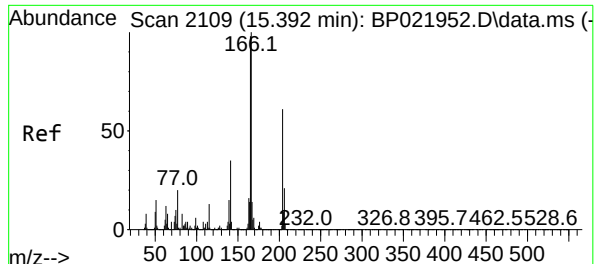
Ion Ratio Lower Upper

149 100

177 23.9 18.2 27.4

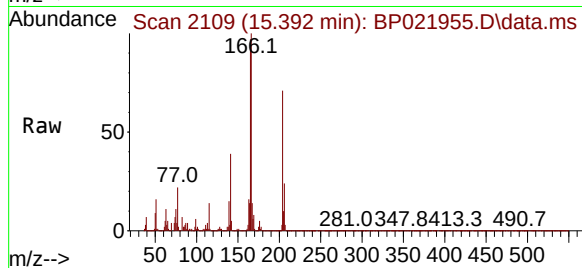
150 12.9 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 80.567 ng
RT: 15.392 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

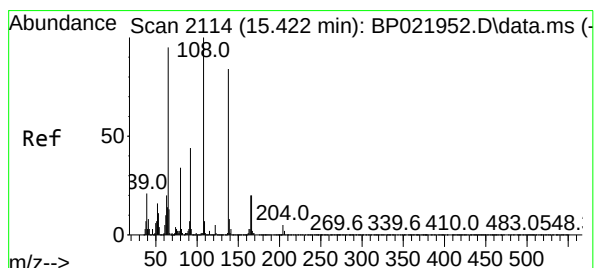
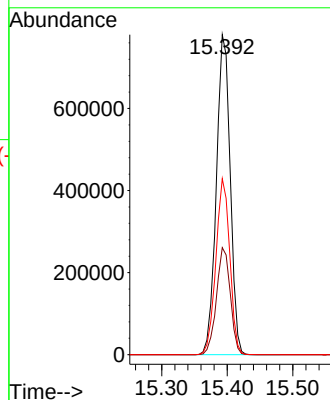
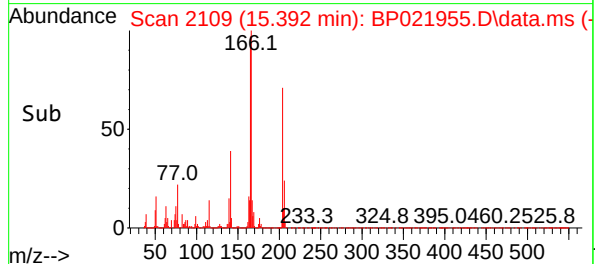
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 204 Resp: 1141128
Ion Ratio Lower Upper
204 100
206 33.5 27.3 40.9
141 55.0 45.7 68.5

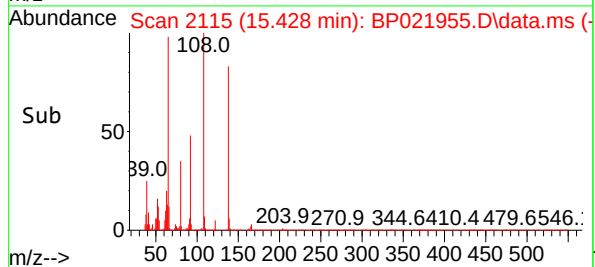
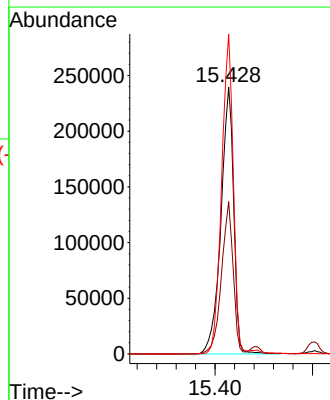
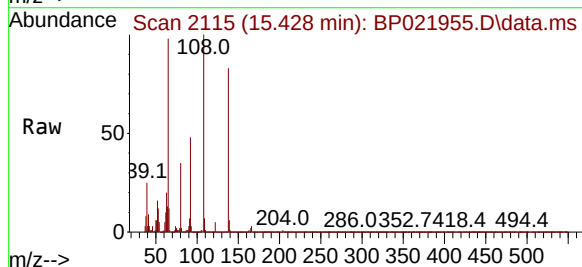
Manual Integrations
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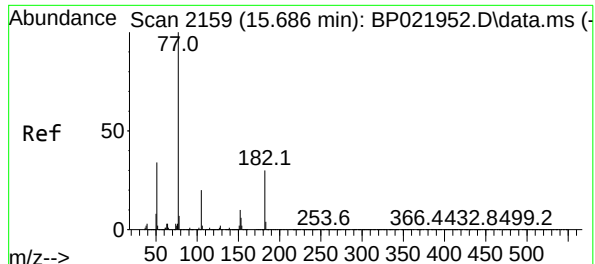
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#62
4-Nitroaniline
Concen: 81.159 ng
RT: 15.428 min Scan# 2115
Delta R.T. 0.006 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

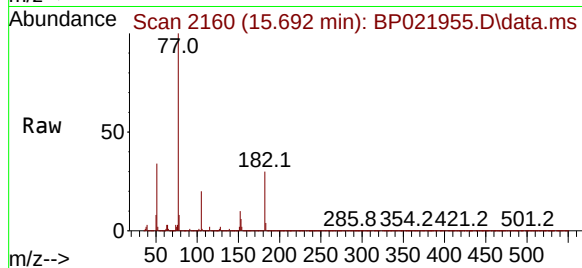
Tgt Ion: 138 Resp: 436992
Ion Ratio Lower Upper
138 100
92 57.1 32.6 72.6
108 119.9 98.6 138.6





#63
Azobenzene
Concen: 78.154 ng
RT: 15.692 min Scan# 2159
Delta R.T. 0.006 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

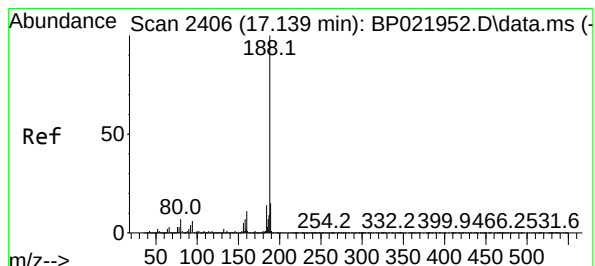
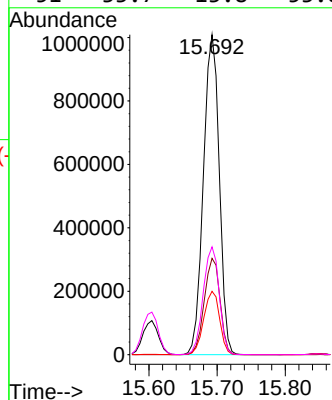
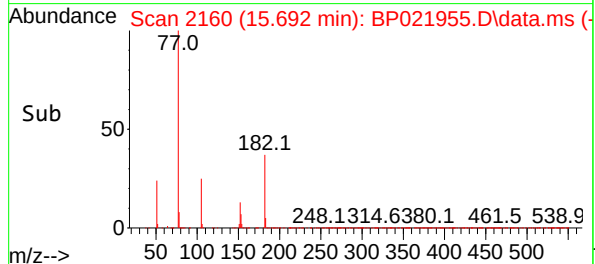
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 77 Resp: 163166
Ion Ratio Lower Upper
77 100
182 30.1 9.6 49.6
105 19.8 0.0 39.8
51 33.7 13.8 53.8

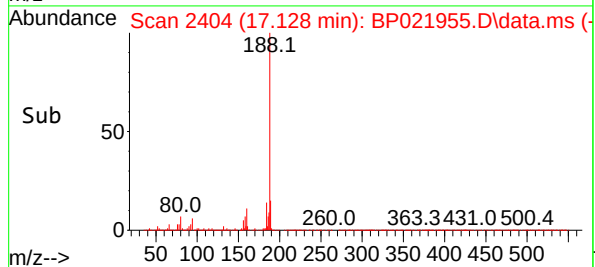
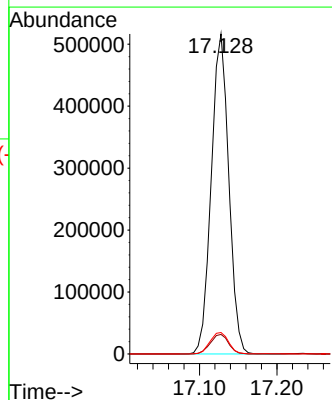
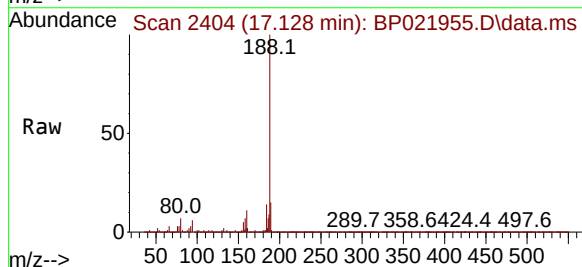
Manual Integrations
APPROVED

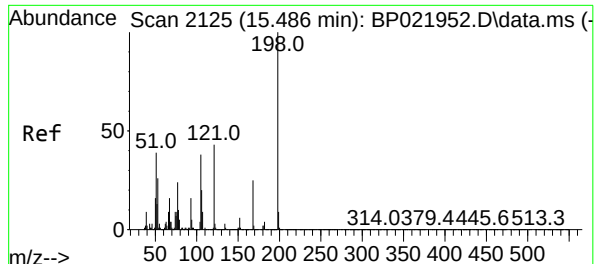
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.128 min Scan# 2404
Delta R.T. -0.012 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

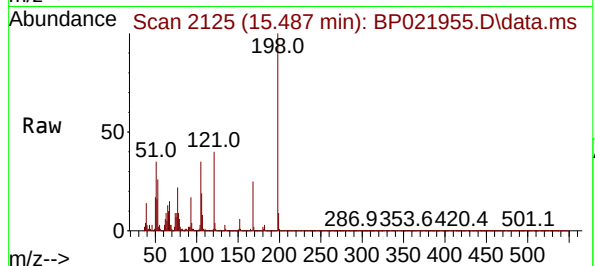
Tgt Ion:188 Resp: 813328
Ion Ratio Lower Upper
188 100
94 6.1 4.6 6.8
80 6.7 5.4 8.2





#65
4,6-Dinitro-2-methylphenol
Concen: 88.982 ng
RT: 15.487 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

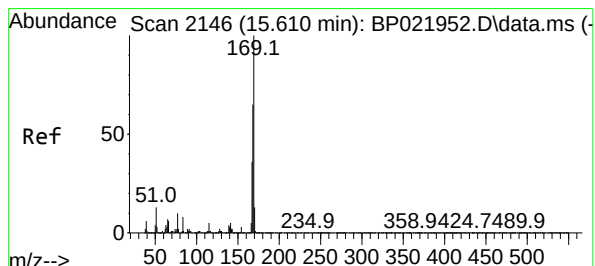
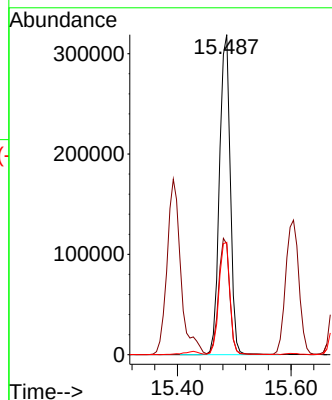
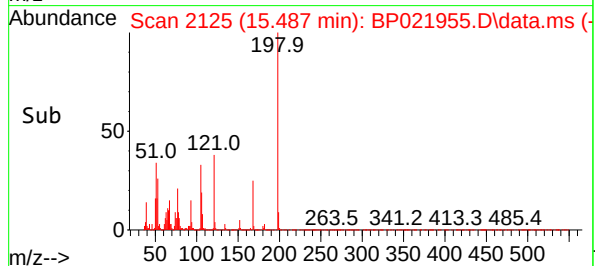
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:198 Resp: 419481
Ion Ratio Lower Upper
198 100
51 34.5 20.7 60.7
105 35.1 18.4 58.4

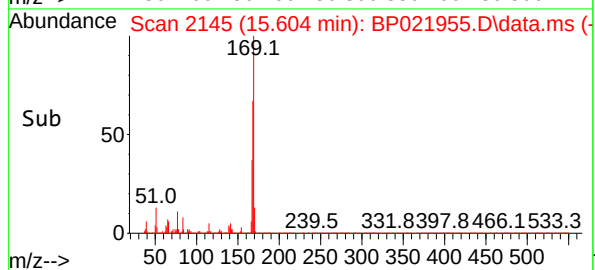
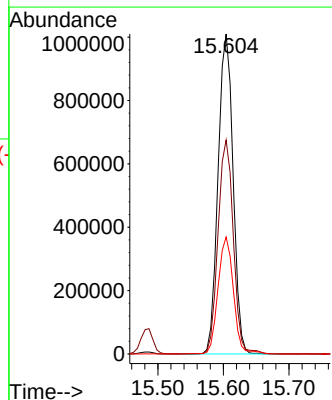
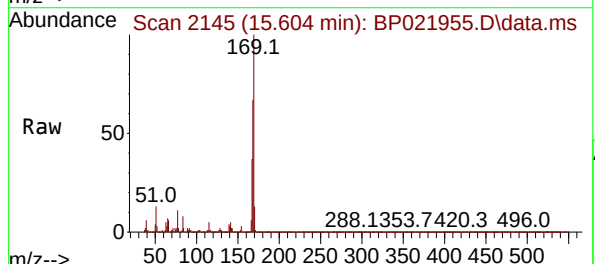
Manual Integrations
APPROVED

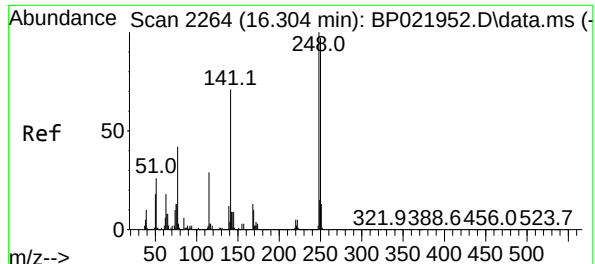
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#66
n-Nitrosodiphenylamine
Concen: 78.776 ng
RT: 15.604 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

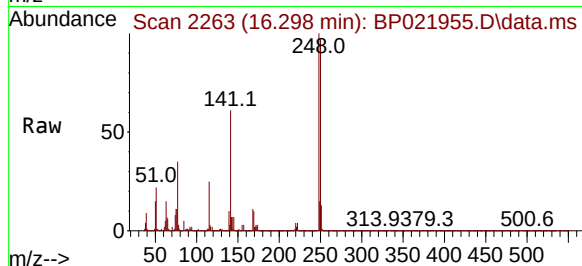
Tgt Ion:169 Resp: 1595347
Ion Ratio Lower Upper
169 100
168 66.8 52.2 78.4
167 36.6 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 81.101 ng
RT: 16.298 min Scan# 2263
Delta R.T. -0.006 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

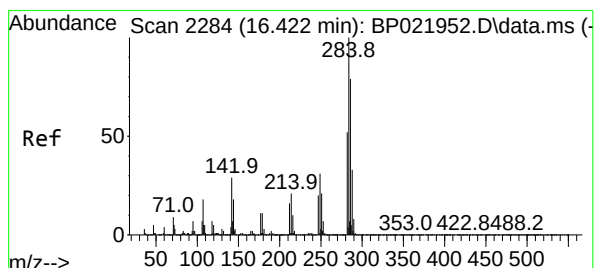
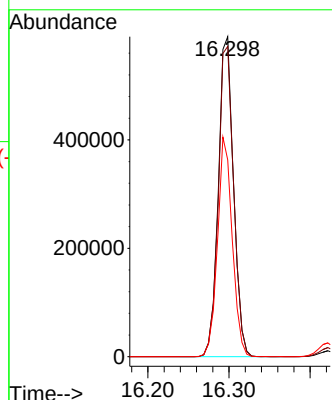
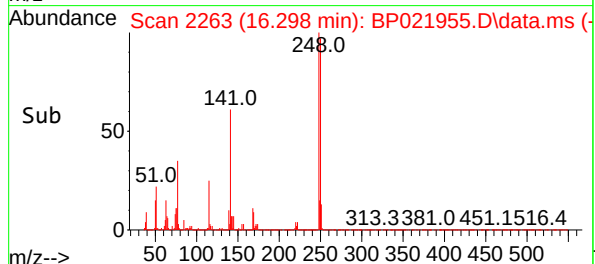
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:248 Resp: 768920
Ion Ratio Lower Upper
248 100
250 97.0 77.5 116.3
141 61.5 56.5 84.7

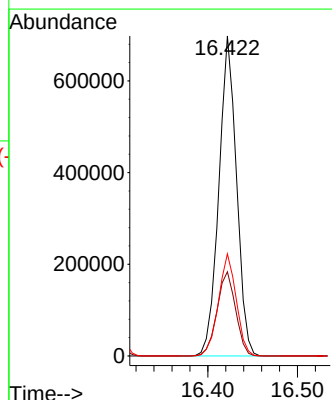
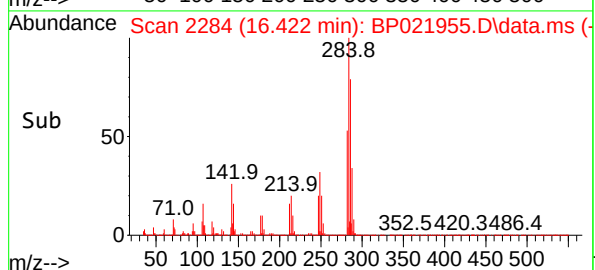
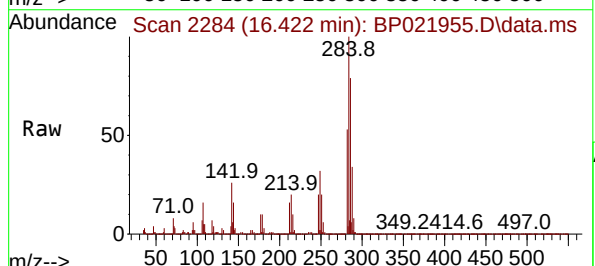
Manual Integrations
APPROVED

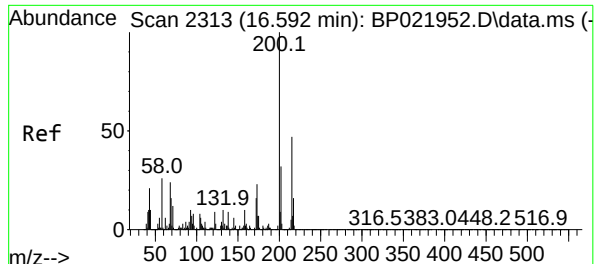
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#68
Hexachlorobenzene
Concen: 80.674 ng
RT: 16.422 min Scan# 2284
Delta R.T. 0.000 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

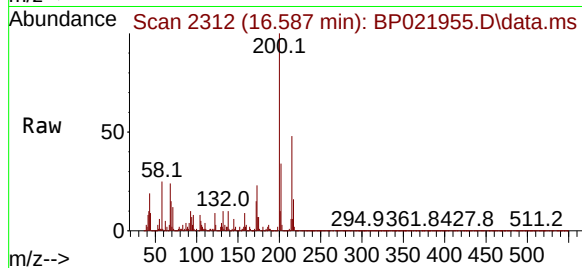
Tgt Ion:284 Resp: 953620
Ion Ratio Lower Upper
284 100
142 26.3 22.9 34.3
249 31.9 25.2 37.8





#69
Atrazine
Concen: 65.148 ng
RT: 16.587 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

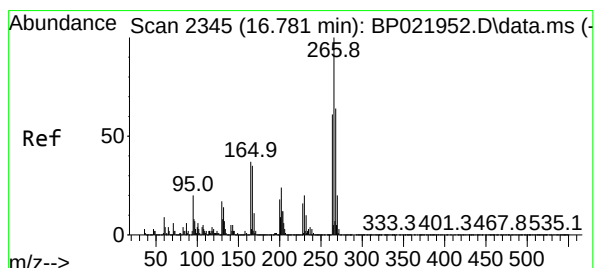
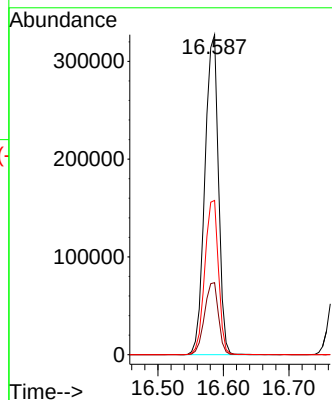
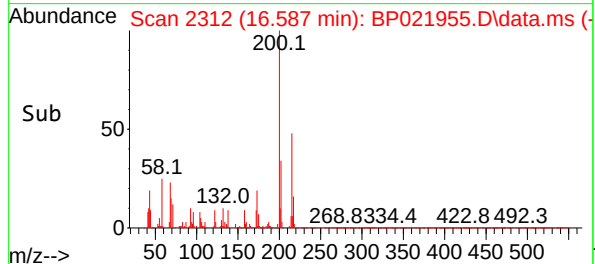
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:200 Resp: 472708
Ion Ratio Lower Upper
200 100
173 22.5 3.0 43.0
215 48.2 27.4 67.4

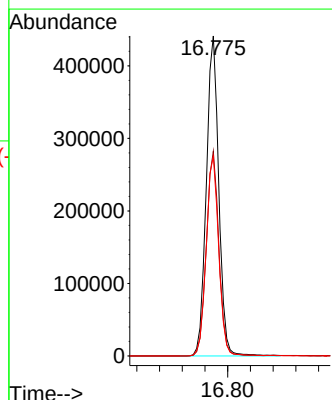
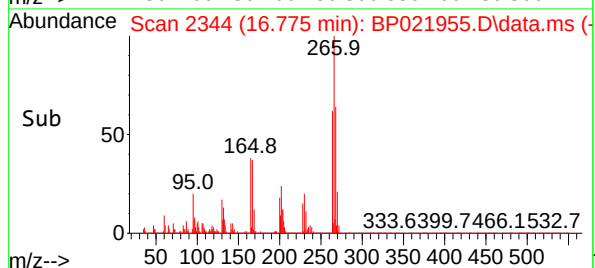
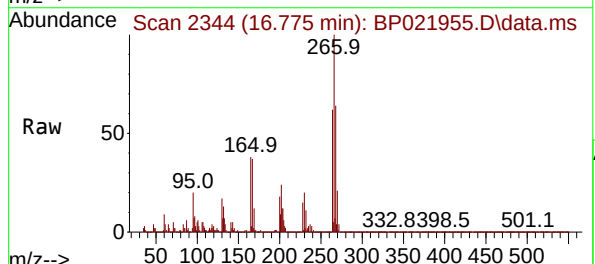
Manual Integrations
APPROVED

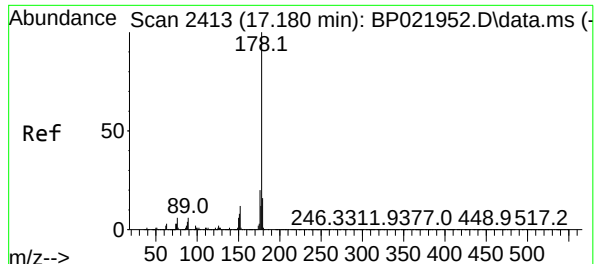
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#70
Pentachlorophenol
Concen: 84.092 ng
RT: 16.775 min Scan# 2344
Delta R.T. -0.006 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

Tgt Ion:266 Resp: 668763
Ion Ratio Lower Upper
266 100
268 63.9 51.1 76.7
264 62.4 48.6 72.8





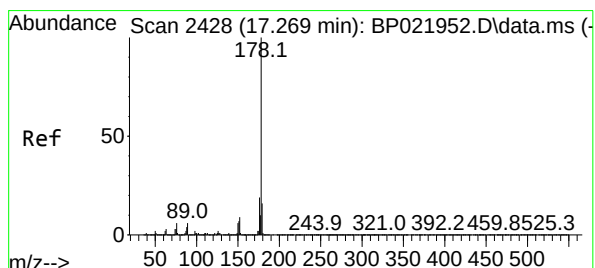
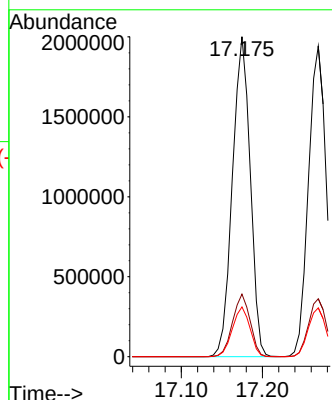
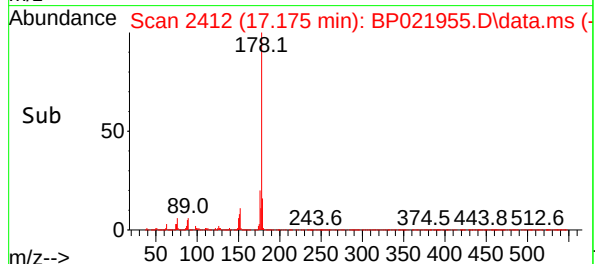
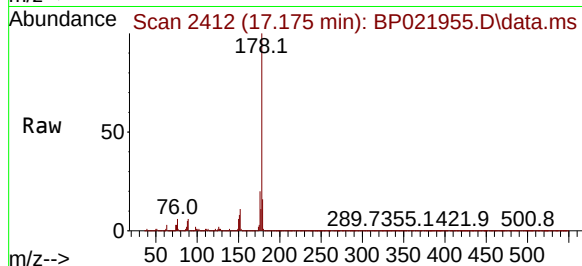
#71
Phenanthrene
Concen: 77.889 ng
RT: 17.175 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:178 Resp: 3041014
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 15.6 12.5 18.7

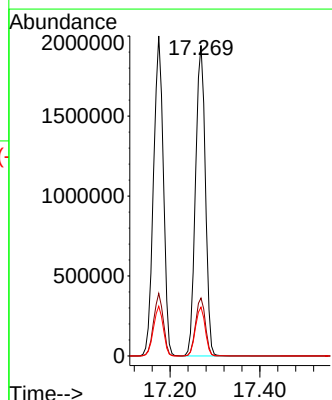
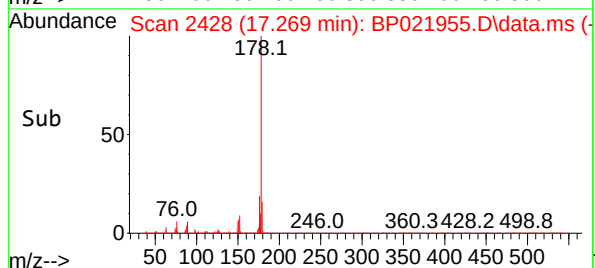
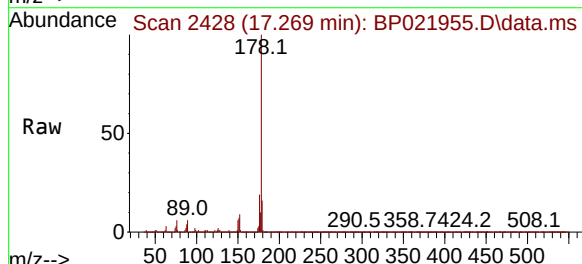
Manual Integrations
APPROVED

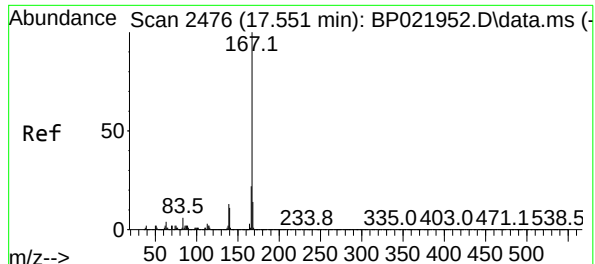
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#72
Anthracene
Concen: 78.053 ng
RT: 17.269 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

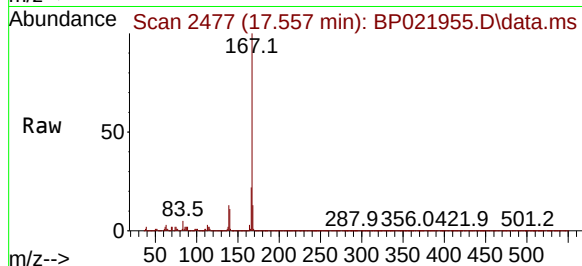
Tgt Ion:178 Resp: 2949937
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.7 12.6 18.8





#73
Carbazole
Concen: 77.359 ng
RT: 17.557 min Scan# 2477
Delta R.T. 0.006 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

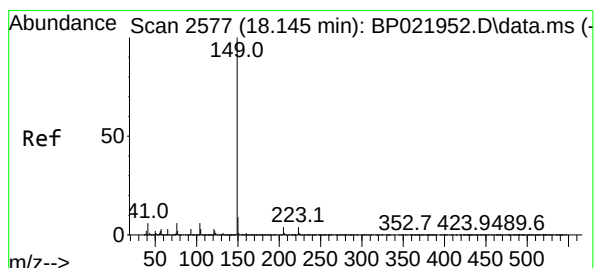
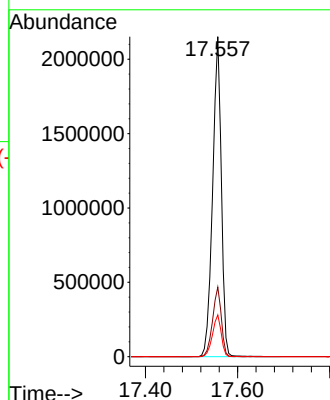
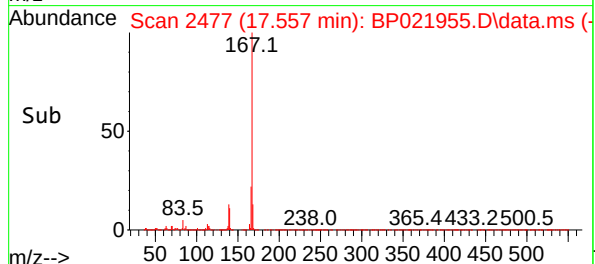
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:167 Resp: 2823850
Ion Ratio Lower Upper
167 100
166 21.8 17.4 26.0
139 13.0 10.5 15.7

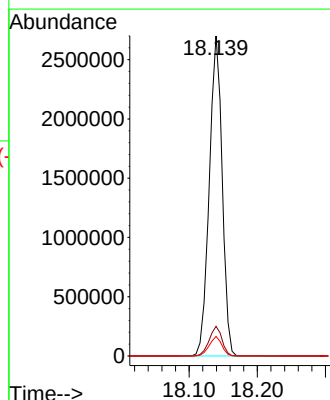
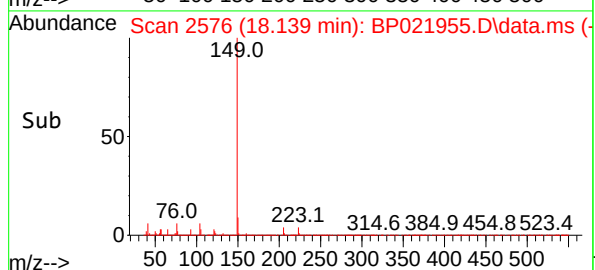
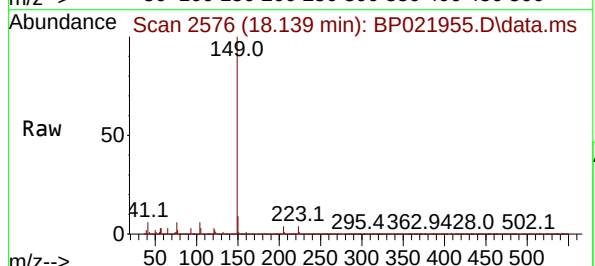
Manual Integrations
APPROVED

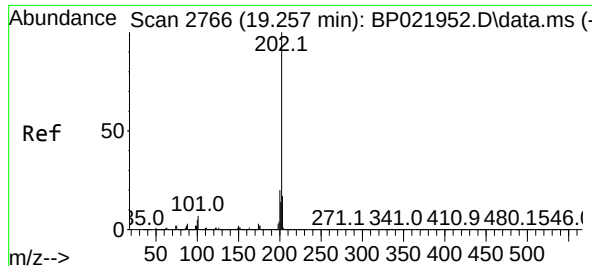
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#74
Di-n-butylphthalate
Concen: 82.764 ng
RT: 18.139 min Scan# 2576
Delta R.T. -0.006 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

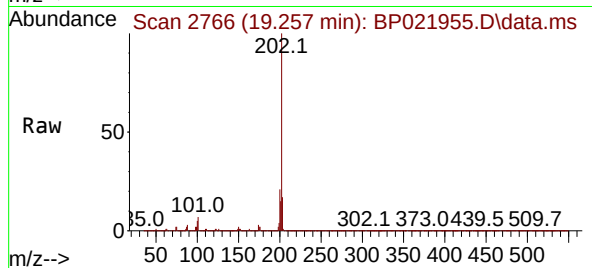
Tgt Ion:149 Resp: 3548283
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 6.1 4.6 6.8





#75
Fluoranthene
Concen: 79.204 ng
RT: 19.257 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

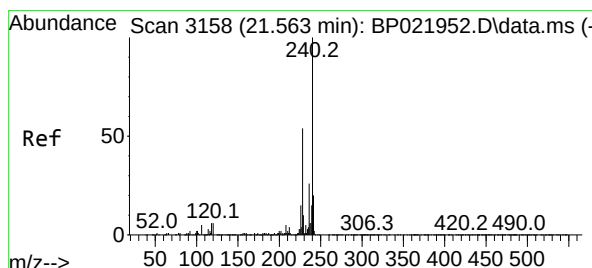
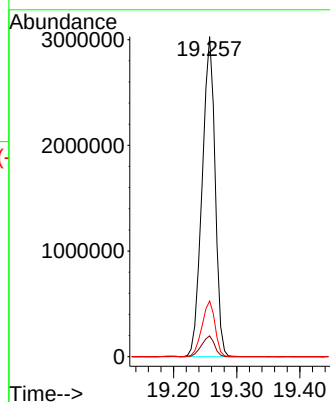
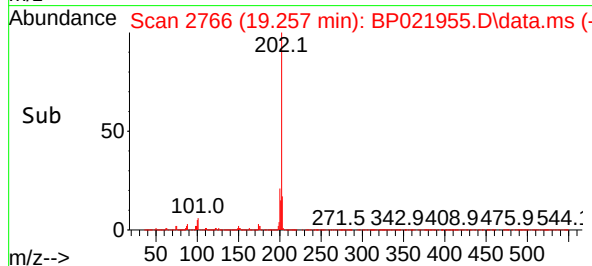
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:202 Resp: 431626
Ion Ratio Lower Upper
202 100
101 6.5 0.0 26.5
203 17.4 0.0 37.3

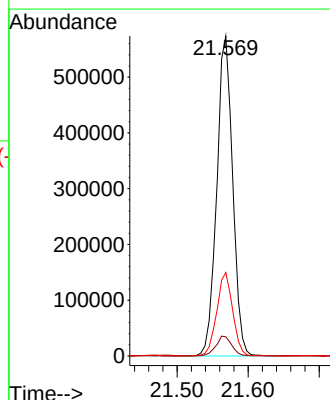
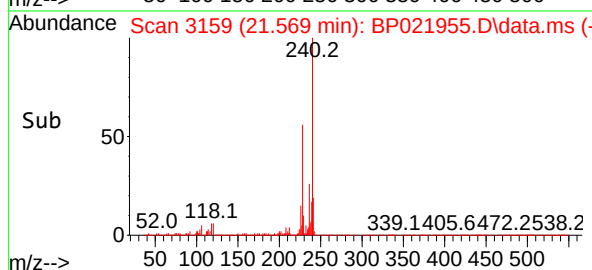
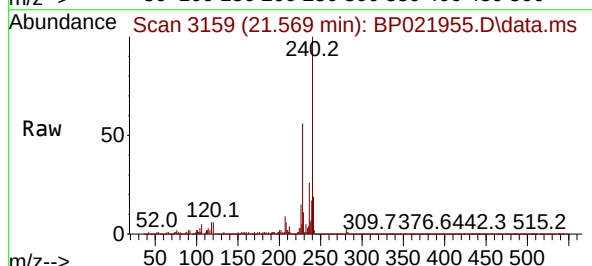
Manual Integrations
APPROVED

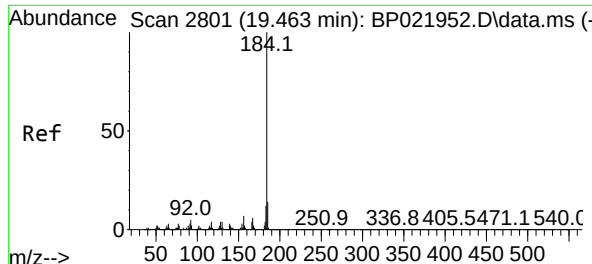
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.569 min Scan# 3159
Delta R.T. 0.006 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

Tgt Ion:240 Resp: 888719
Ion Ratio Lower Upper
240 100
120 6.0 5.1 7.7
236 26.1 20.7 31.1





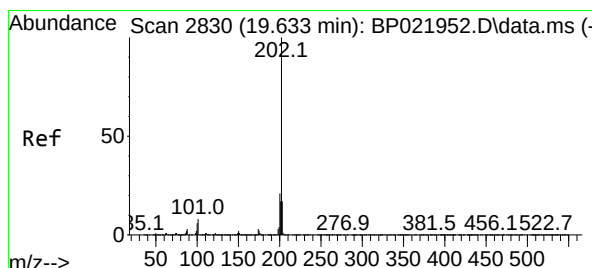
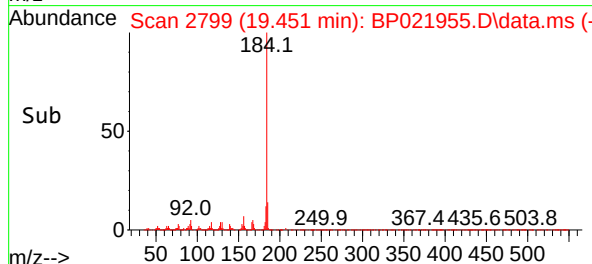
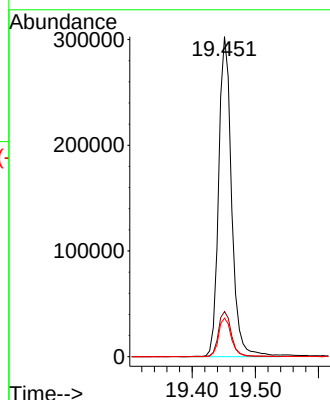
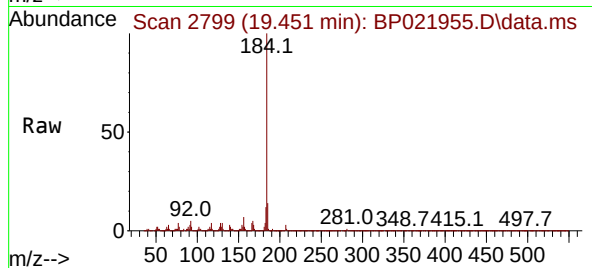
#77
Benzidine
Concen: 39.632 ng
RT: 19.451 min Scan# 2799
Delta R.T. -0.012 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:184 Resp: 43042
Ion Ratio Lower Upper
184 100
185 14.1 10.9 16.3
183 12.0 9.2 13.8

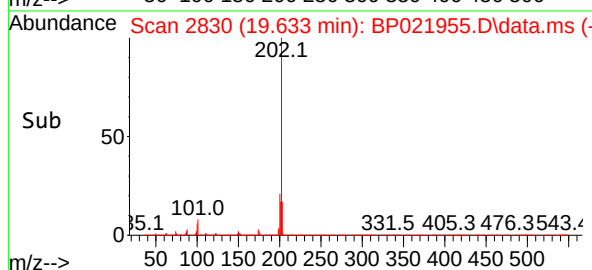
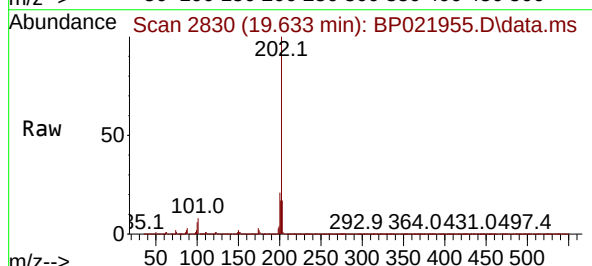
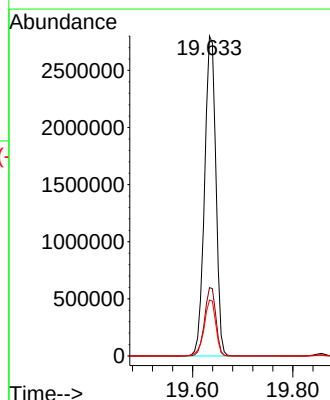
Manual Integrations
APPROVED

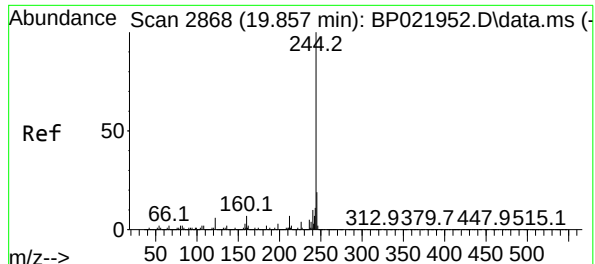
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#78
Pyrene
Concen: 81.421 ng
RT: 19.633 min Scan# 2830
Delta R.T. 0.000 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

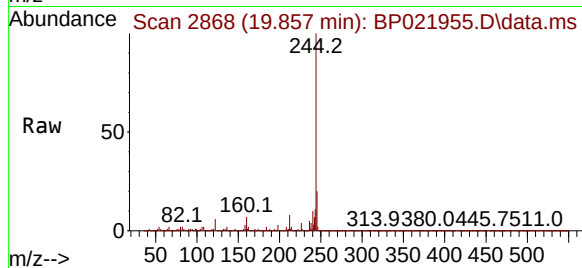
Tgt Ion:202 Resp: 4377380
Ion Ratio Lower Upper
202 100
200 21.4 16.8 25.2
203 17.5 13.8 20.8





#79
Terphenyl-d14
Concen: 165.724 ng
RT: 19.857 min Scan# 2868
Delta R.T. 0.000 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

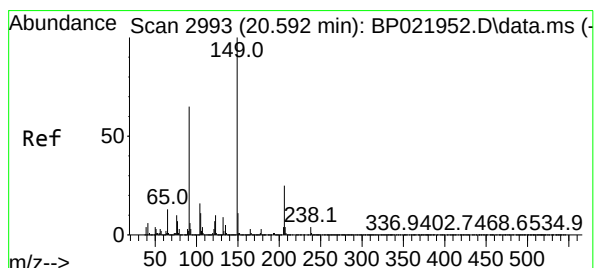
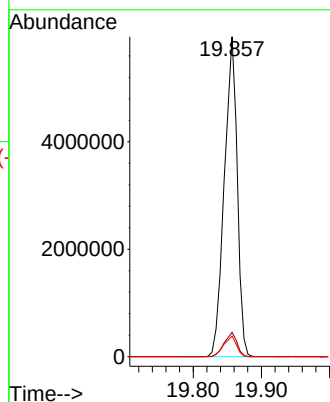
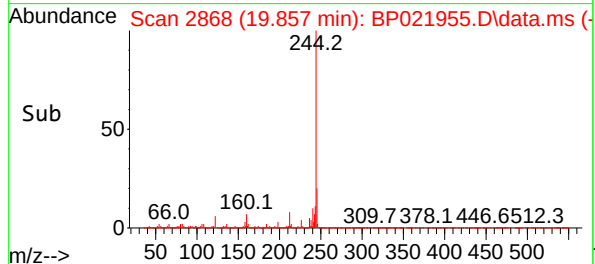
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:244 Resp: 7840492
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 6.4 5.0 7.4

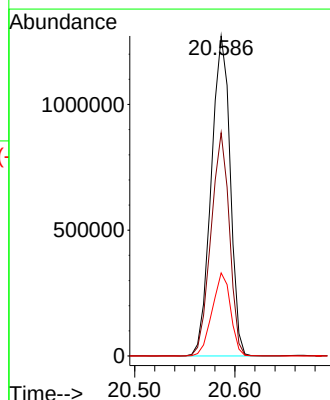
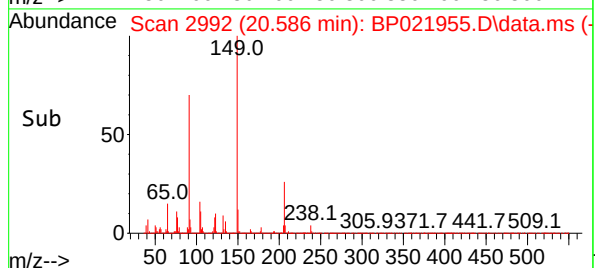
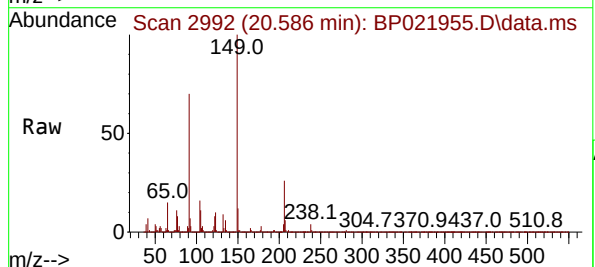
Manual Integrations
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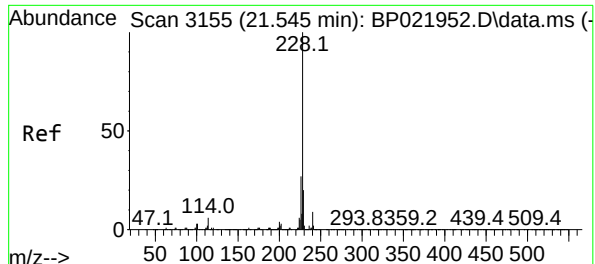
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#80
Butylbenzylphthalate
Concen: 87.226 ng
RT: 20.586 min Scan# 2992
Delta R.T. -0.006 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

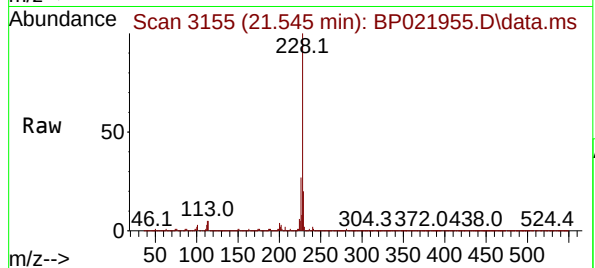
Tgt Ion:149 Resp: 1672561
Ion Ratio Lower Upper
149 100
91 69.7 51.9 77.9
206 25.9 20.1 30.1





#81
Benzo(a)anthracene
Concen: 80.113 ng
RT: 21.545 min Scan# 3155
Delta R.T. 0.000 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

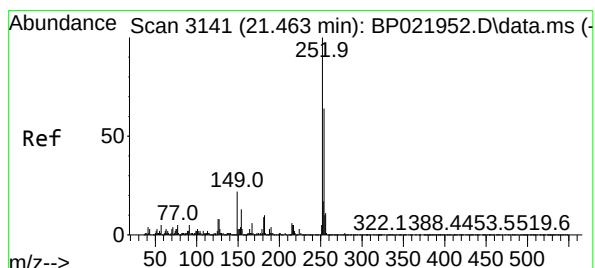
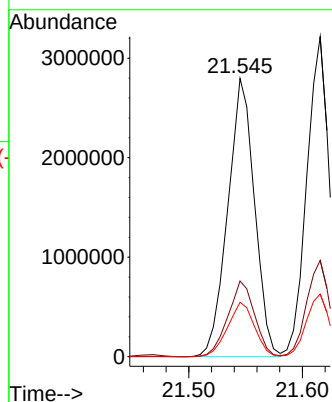
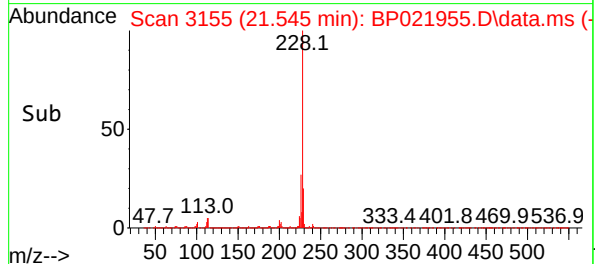
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:228 Resp: 4574969
Ion Ratio Lower Upper
228 100
226 27.2 21.5 32.3
229 19.6 15.7 23.5

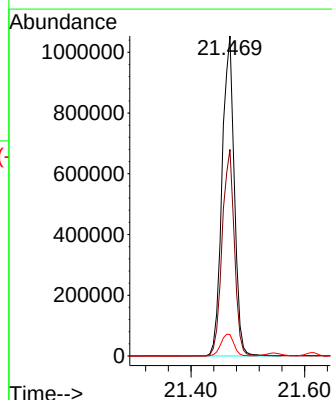
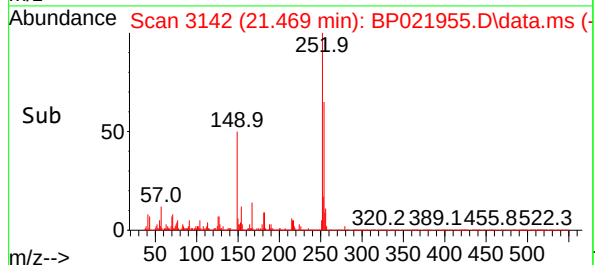
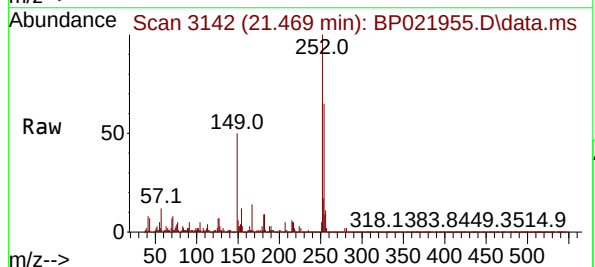
Manual Integrations
APPROVED

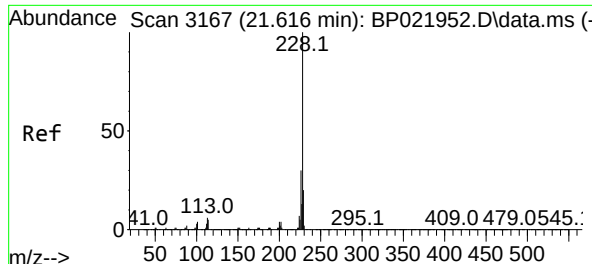
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#82
3,3'-Dichlorobenzidine
Concen: 76.189 ng
RT: 21.469 min Scan# 3142
Delta R.T. 0.006 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

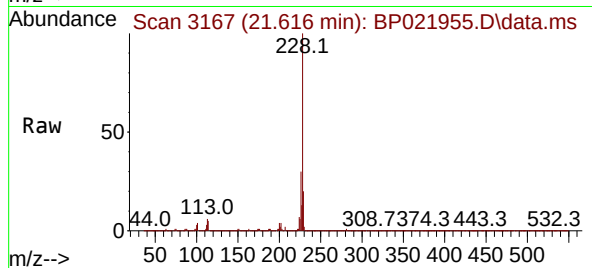
Tgt Ion:252 Resp: 1578618
Ion Ratio Lower Upper
252 100
254 64.6 51.4 77.2
126 6.7 6.2 9.4





#83
Chrysene
Concen: 81.483 ng
RT: 21.616 min Scan# 3167
Delta R.T. 0.000 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

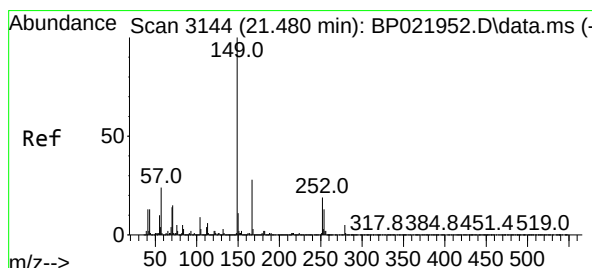
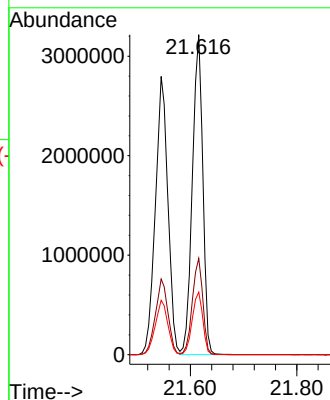
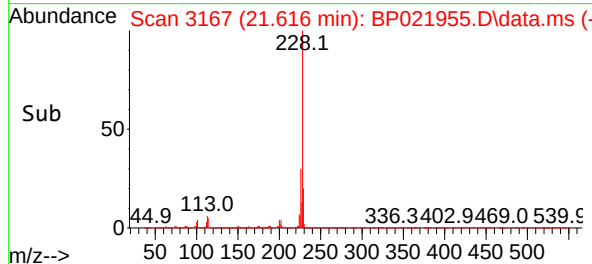
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:228 Resp: 4381180
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.4
229 19.6 15.7 23.5

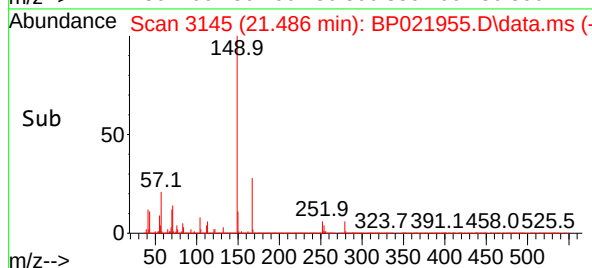
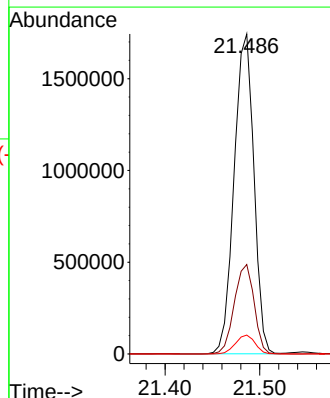
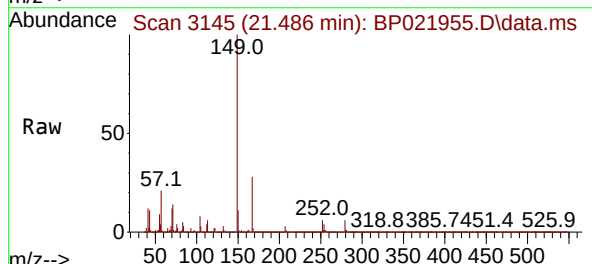
Manual Integrations
APPROVED

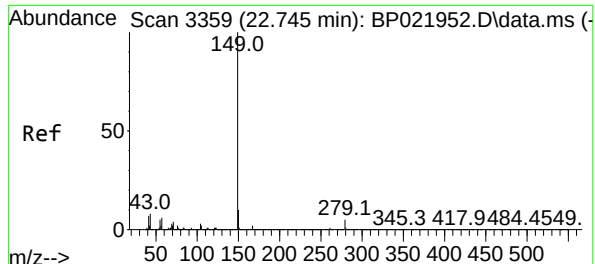
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 89.611 ng
RT: 21.486 min Scan# 3145
Delta R.T. 0.006 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

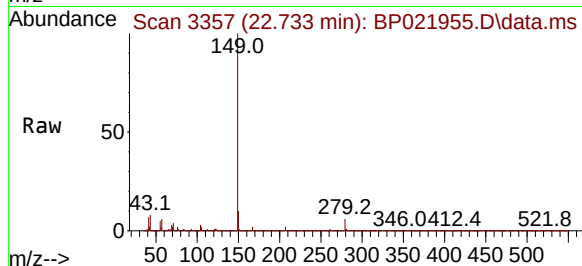
Tgt Ion:149 Resp: 2521920
Ion Ratio Lower Upper
149 100
167 27.9 22.3 33.5
279 5.9 4.2 6.2





#85
Di-n-octyl phthalate
Concen: 88.805 ng
RT: 22.733 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

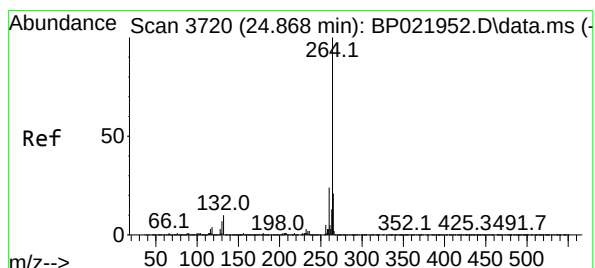
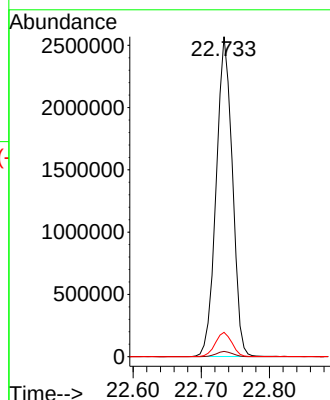
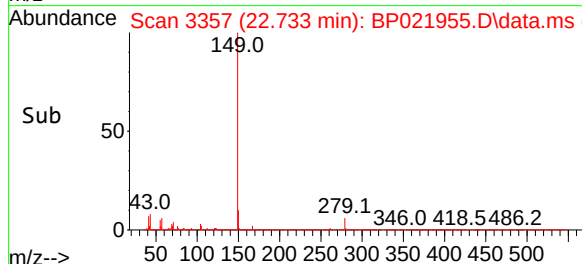
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 4244760
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 7.8 6.2 9.4

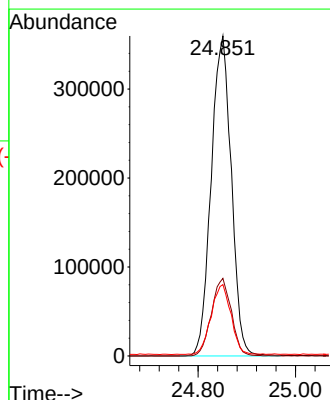
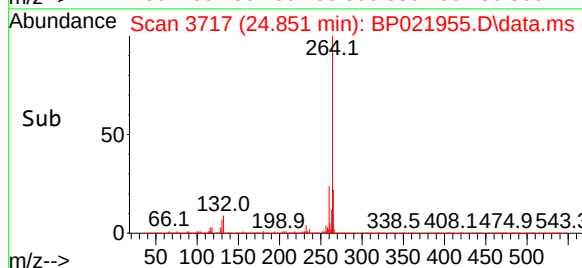
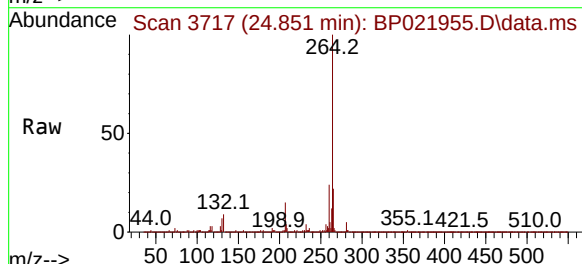
Manual Integrations
APPROVED

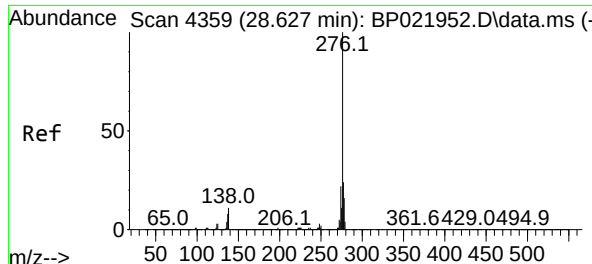
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.851 min Scan# 3717
Delta R.T. -0.018 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

Tgt Ion:264 Resp: 1031143
Ion Ratio Lower Upper
264 100
260 24.3 18.9 28.3
265 22.3 17.5 26.3





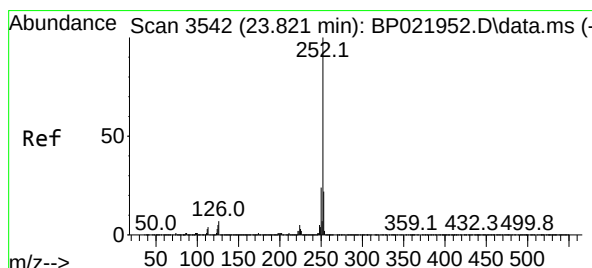
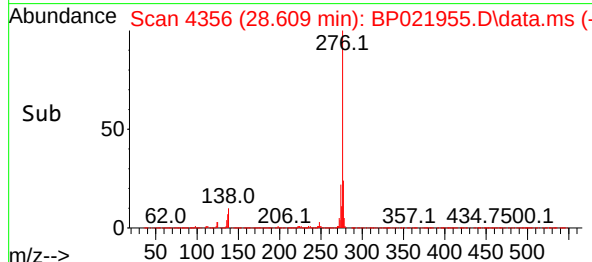
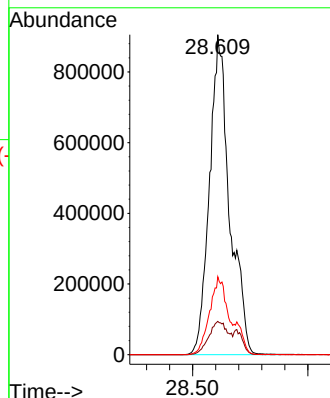
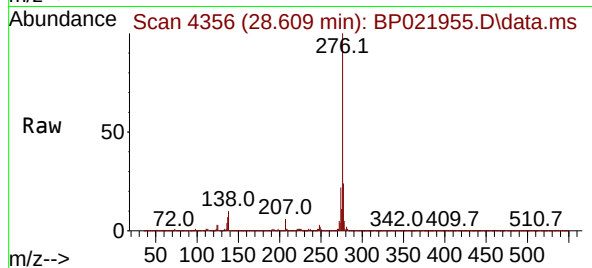
#87
Indeno(1,2,3-cd)pyrene
Concen: 80.139 ng
RT: 28.609 min Scan# 4359
Delta R.T. -0.018 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 276 Resp: 549600
Ion Ratio Lower Upper
276 100
138 10.1 7.8 11.8
277 21.0 20.5 30.7

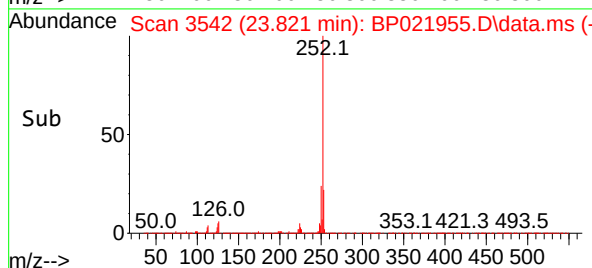
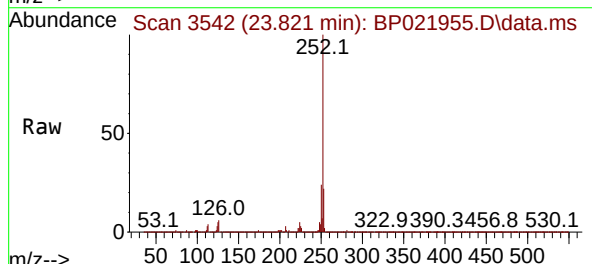
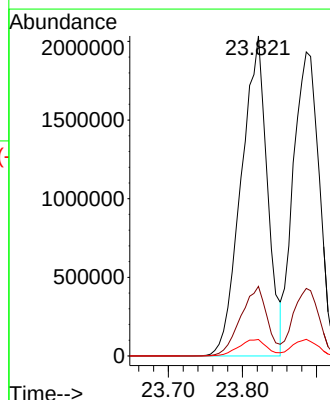
Manual Integrations
APPROVED

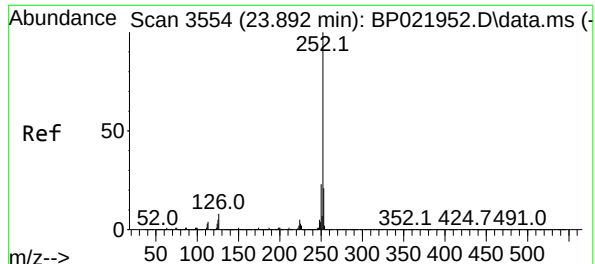
Reviewed By : Jagrut Upadhyay 09/20/2024
Supervised By : mohammad ahmed 09/22/2024



#88
Benzo(b)fluoranthene
Concen: 81.914 ng
RT: 23.821 min Scan# 3542
Delta R.T. 0.000 min
Lab File: BP021955.D
Acq: 19 Sep 2024 17:44

Tgt Ion: 252 Resp: 4995335
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 5.1 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 81.161 ng

RT: 23.886 min Scan# 3554

Delta R.T. -0.006 min

Lab File: BP021955.D

Acq: 19 Sep 2024 17:44

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 468389

Ion Ratio Lower Upper

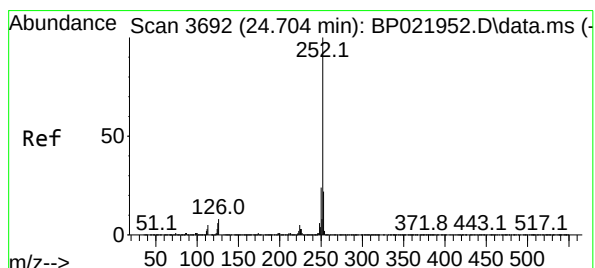
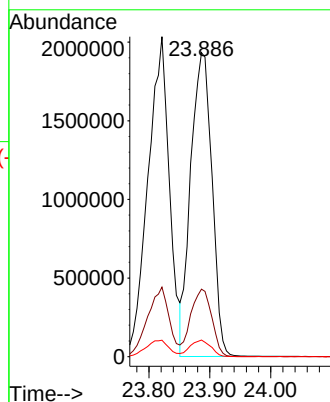
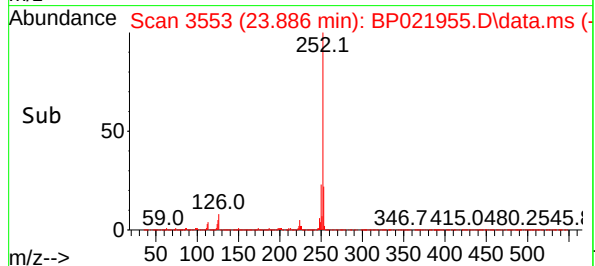
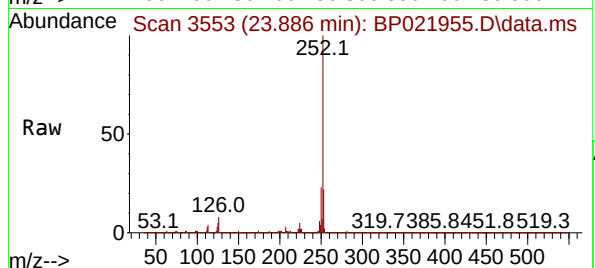
252 100

253 22.2 17.0 25.6

125 5.5 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#90

Benzo(a)pyrene

Concen: 81.598 ng

RT: 24.704 min Scan# 3692

Delta R.T. 0.000 min

Lab File: BP021955.D

Acq: 19 Sep 2024 17:44

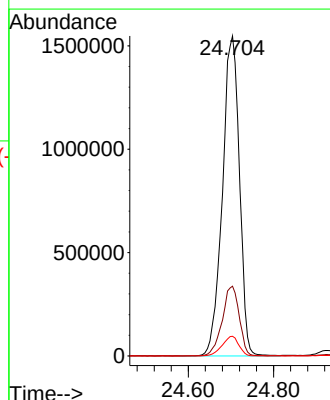
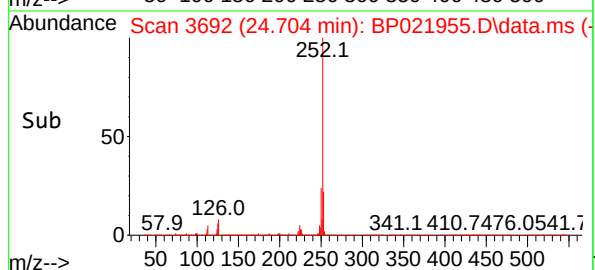
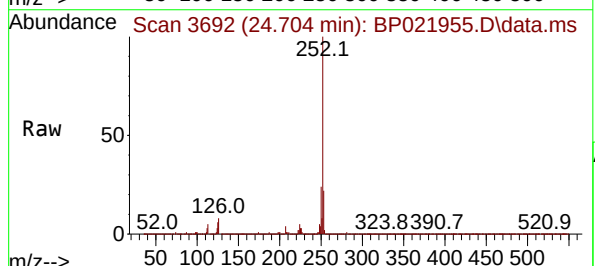
Tgt Ion:252 Resp: 4286641

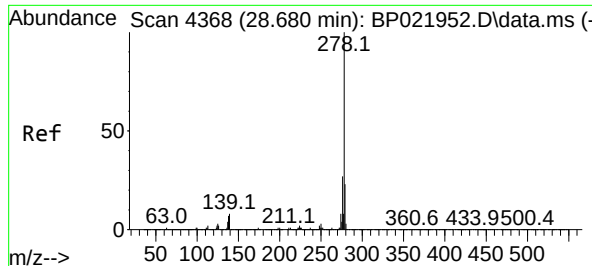
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 6.1 5.0 7.6





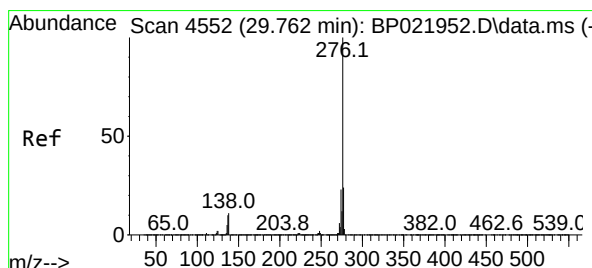
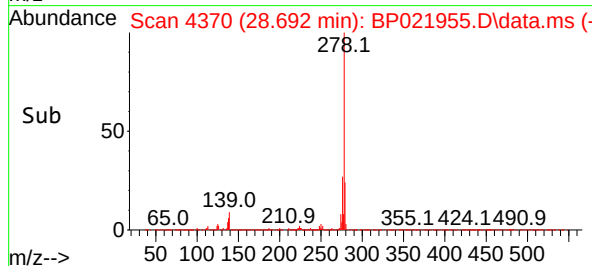
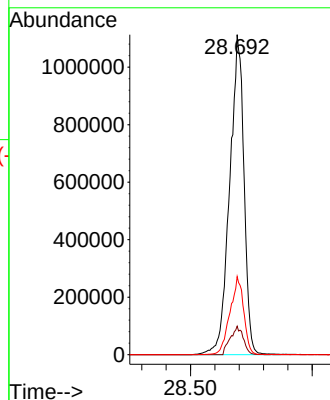
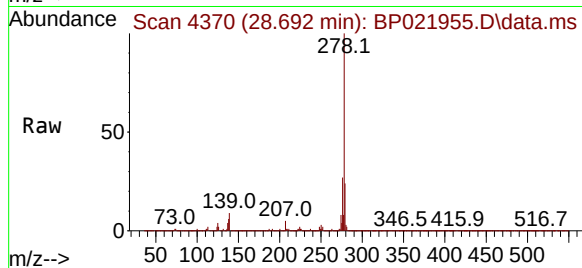
#91
 Dibenzo(a,h)anthracene
 Concen: 80.470 ng
 RT: 28.692 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: BP021955.D
 Acq: 19 Sep 2024 17:44

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Tgt Ion:278 Resp: 4554728
 Ion Ratio Lower Upper
 278 100
 139 8.9 6.6 10.0
 279 24.4 18.8 28.2

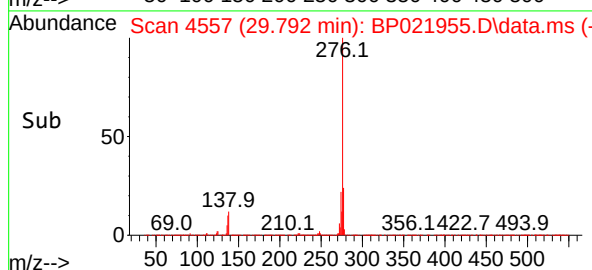
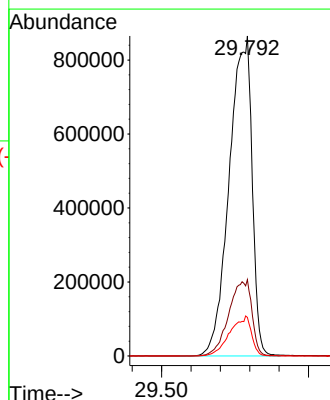
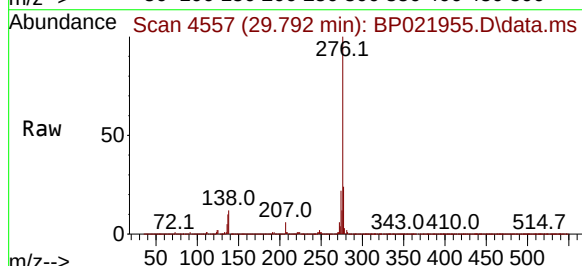
Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/22/2024



#92
 Benzo(g,h,i)perylene
 Concen: 80.058 ng
 RT: 29.792 min Scan# 4557
 Delta R.T. 0.030 min
 Lab File: BP021955.D
 Acq: 19 Sep 2024 17:44

Tgt Ion:276 Resp: 4641725
 Ion Ratio Lower Upper
 276 100
 277 23.9 19.3 28.9
 138 12.1 9.2 13.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091924\
 Data File : BP021956.D
 Acq On : 19 Sep 2024 18:25
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

ICVBP091924

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024

Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 20 01:25:53 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Sep 20 01:22:00 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	106476	20.000	ng	0.00
21) Naphthalene-d8	10.481	136	399166	20.000	ng	0.00
39) Acenaphthene-d10	14.340	164	301010	20.000	ng	0.01
64) Phenanthrene-d10	17.128	188	719896	20.000	ng	-0.01
76) Chrysene-d12	21.569	240	826145	20.000	ng	0.00
86) Perylene-d12	24.863	264	985621	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	438906	77.466	ng	0.00
7) Phenol-d6	6.893	99	575100	78.189	ng	0.00
23) Nitrobenzene-d5	8.857	82	606510	80.399	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	457121	81.916	ng	-0.01
45) 2-Fluorobiphenyl	12.945	172	1604849	77.828	ng	0.00
79) Terphenyl-d14	19.863	244	3593232	81.703	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	88207	37.493	ng	99
3) Pyridine	3.652	79	236433m	37.681	ng	
4) n-Nitrosodimethylamine	3.558	42	122813	37.104	ng	97
6) Aniline	7.046	93	253335	39.196	ng	98
8) 2-Chlorophenol	7.287	128	237108	39.137	ng	95
9) Benzaldehyde	6.863	77	156439	40.677	ng	98
10) Phenol	6.922	94	283467	38.803	ng	97
11) bis(2-Chloroethyl)ether	7.140	93	217116	39.455	ng	98
12) 1,3-Dichlorobenzene	7.605	146	300623	39.303	ng	97
13) 1,4-Dichlorobenzene	7.746	146	302764	39.031	ng	98
14) 1,2-Dichlorobenzene	8.058	146	285036	38.285	ng	99
15) Benzyl Alcohol	7.946	79	227150	40.269	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.240	45	234916	40.025	ng	98
17) 2-Methylphenol	8.152	107	199217	40.367	ng	98
18) Hexachloroethane	8.781	117	111270	39.011	ng	99
19) n-Nitroso-di-n-propyla...	8.510	70	187798	41.079	ng	97
20) 3+4-Methylphenols	8.475	107	278221	39.936	ng	99
22) Acetophenone	8.522	105	383458	39.380	ng	# 100
24) Nitrobenzene	8.899	77	307342	40.119	ng	98
25) Isophorone	9.416	82	516356	41.517	ng	99
26) 2-Nitrophenol	9.599	139	138352	41.304	ng	100
27) 2,4-Dimethylphenol	9.657	122	160017	41.257	ng	96
28) bis(2-Chloroethoxy)met...	9.893	93	300192	40.255	ng	99
29) 2,4-Dichlorophenol	10.134	162	267684	40.661	ng	97
30) 1,2,4-Trichlorobenzene	10.340	180	323173	39.410	ng	100
31) Naphthalene	10.528	128	789642	39.645	ng	99
32) Benzoic acid	9.805	122	188668	41.608	ng	100
33) 4-Chloroaniline	10.634	127	287841	40.065	ng	98
34) Hexachlorobutadiene	10.822	225	254365	39.651	ng	98
35) Caprolactam	11.422	113	79673	40.666	ng	96
36) 4-Chloro-3-methylphenol	11.757	107	286686	40.590	ng	99
37) 2-Methylnaphthalene	12.134	142	584401	40.104	ng	99
38) 1-Methylnaphthalene	12.351	142	569045	39.551	ng	99
40) 1,2,4,5-Tetrachloroben...	12.510	216	405552	38.509	ng	100
41) Hexachlorocyclopentadiene	12.493	237	153789	39.303	ng	98
43) 2,4,6-Trichlorophenol	12.751	196	259978	40.220	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091924\
 Data File : BP021956.D
 Acq On : 19 Sep 2024 18:25
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

ICVBP091924

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 20 01:25:53 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Sep 20 01:22:00 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.828	196	290548	40.069	ng	97
46) 1,1'-Biphenyl	13.157	154	798716	38.916	ng	99
47) 2-Chloronaphthalene	13.204	162	654844	39.460	ng	98
48) 2-Nitroaniline	13.398	65	187951	41.476	ng	96
49) Acenaphthylene	14.051	152	921191	39.338	ng	100
50) Dimethylphthalate	13.793	163	870013	39.851	ng	100
51) 2,6-Dinitrotoluene	13.910	165	197211	40.539	ng	99
52) Acenaphthene	14.398	154	595382	39.066	ng	99
53) 3-Nitroaniline	14.240	138	175897	40.571	ng	98
54) 2,4-Dinitrophenol	14.445	184	119466	41.913	ng	99
55) Dibenzofuran	14.734	168	1007930	39.346	ng	100
56) 4-Nitrophenol	14.563	139	155510	41.208	ng	96
57) 2,4-Dinitrotoluene	14.704	165	283517	41.226	ng	98
58) Fluorene	15.404	166	838709	39.205	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.975	232	278481	39.794	ng	99
60) Diethylphthalate	15.175	149	895684	40.374	ng	99
61) 4-Chlorophenyl-phenyle...	15.398	204	491610	39.472	ng	99
62) 4-Nitroaniline	15.416	138	193463	40.580	ng	94
63) Azobenzene	15.698	77	722345	39.347	ng	99
65) 4,6-Dinitro-2-methylph...	15.469	198	175686	42.104	ng	98
66) n-Nitrosodiphenylamine	15.622	169	719192	40.122	ng	98
67) 4-Bromophenyl-phenylether	16.304	248	340390	40.562	ng	96
68) Hexachlorobenzene	16.428	284	421096	40.247	ng	98
69) Atrazine	16.592	200	230304	35.859	ng	98
70) Pentachlorophenol	16.775	266	284733	40.450	ng	98
71) Phenanthrene	17.169	178	1350831	39.089	ng	99
72) Anthracene	17.269	178	1318636	39.418	ng	100
73) Carbazole	17.545	167	1292012	39.988	ng	100
74) Di-n-butylphthalate	18.145	149	1599157	42.142	ng	99
75) Fluoranthene	19.263	202	1961653	40.668	ng	99
77) Benzidine	19.463	184	577048	57.157	ng	99
78) Pyrene	19.639	202	2008291	40.184	ng	100
80) Butylbenzylphthalate	20.592	149	783458	43.953	ng	98
81) Benzo(a)anthracene	21.545	228	2150138	40.503	ng	99
82) 3,3'-Dichlorobenzidine	21.469	252	818582	42.500	ng	99
83) Chrysene	21.616	228	1977558	39.565	ng	100
84) Bis(2-ethylhexyl)phtha...	21.486	149	1165876	44.565	ng	99
85) Di-n-octyl phthalate	22.745	149	1995472	44.909	ng	100
87) Indeno(1,2,3-cd)pyrene	28.598	276	2580809m	39.370	ng	
88) Benzo(b)fluoranthene	23.821	252	2298686	39.435	ng	99
89) Benzo(k)fluoranthene	23.898	252	2195903	39.807	ng	100
90) Benzo(a)pyrene	24.710	252	2031702	40.460	ng	100
91) Dibenzo(a,h)anthracene	28.680	278	2120756	39.199	ng	99
92) Benzo(g,h,i)perylene	29.762	276	2195970	39.624	ng	99

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

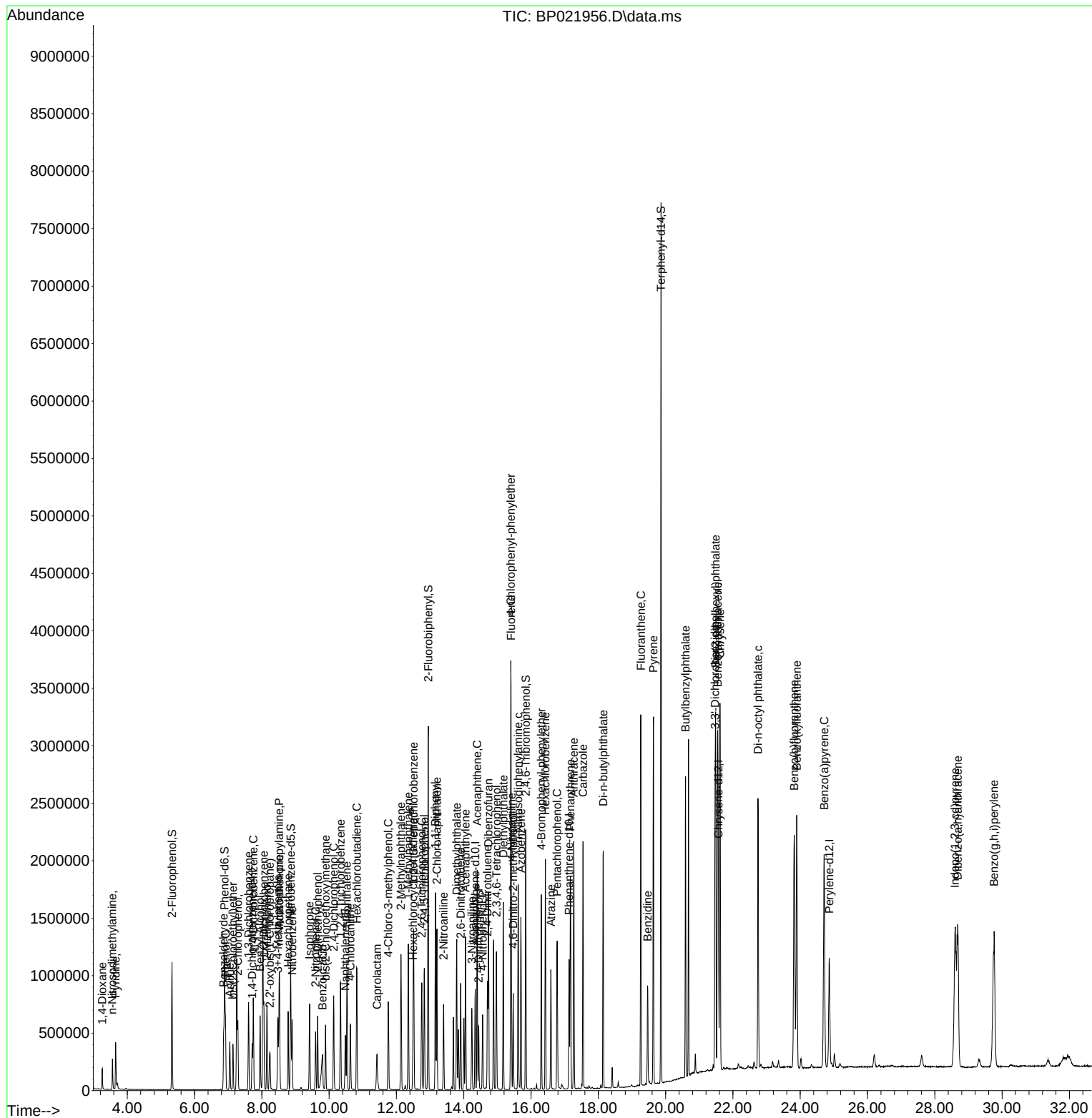

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Data File : BP021956.D  
Acq On    : 19 Sep 2024   18:25  
Operator   : RC/JU  
Sample     : SSTDICV040  
Misc       :  
ALS Vial   : 10    Sample Multiplier: 1
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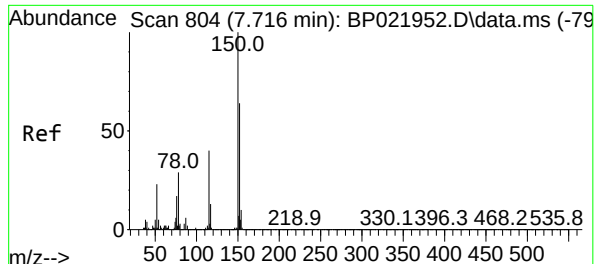
Instrument :
BNA_P
ClientSampleId :
ICVBP091924

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

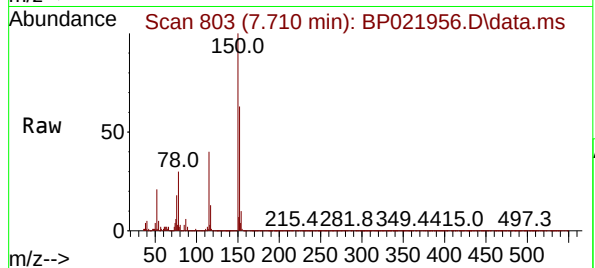
Quant Time: Sep 20 01:25:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 01:22:00 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 804
Delta R.T. -0.006 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

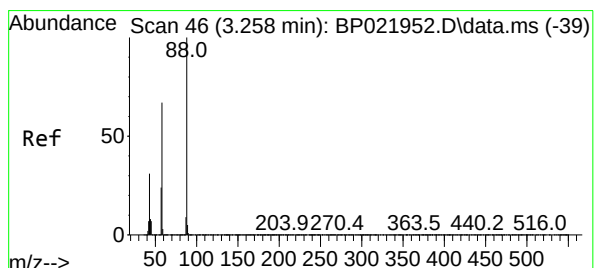
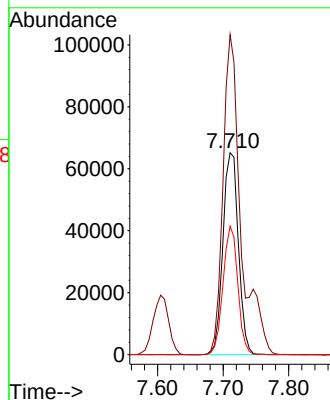
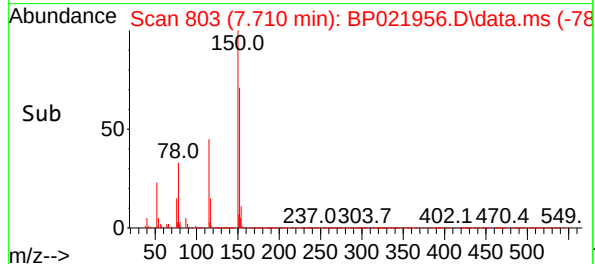
Instrument :
BNA_P
ClientSampleId :
ICVBP091924



Tgt Ion:152 Resp: 106470
Ion Ratio Lower Upper
152 100
150 158.4 124.2 186.2
115 63.6 49.2 73.8

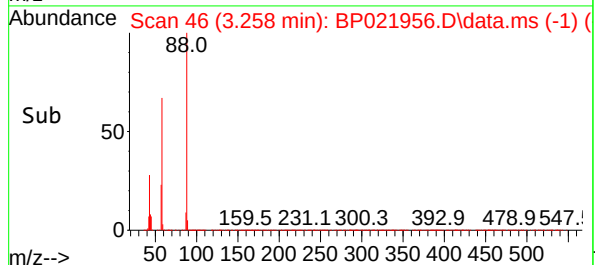
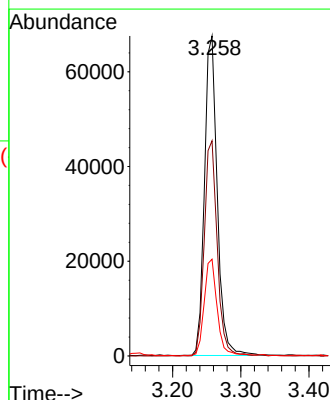
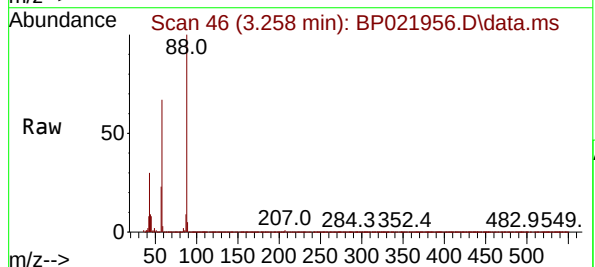
Manual Integrations
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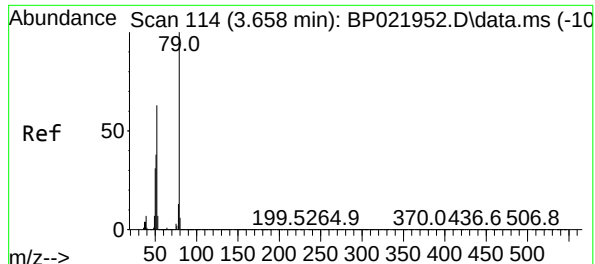
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#2
1,4-Dioxane
Concen: 37.493 ng
RT: 3.258 min Scan# 46
Delta R.T. 0.000 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

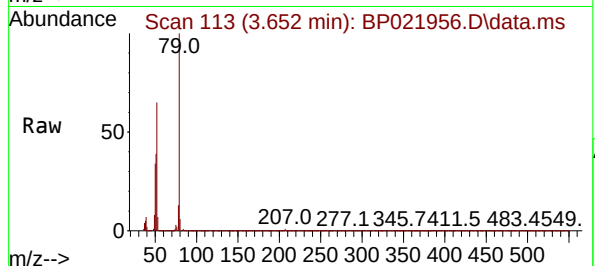
Tgt Ion: 88 Resp: 88207
Ion Ratio Lower Upper
88 100
58 68.0 53.8 80.6
43 30.9 25.2 37.8





#3
Pyridine
Concen: 37.681 ng m
RT: 3.652 min Scan# 114
Delta R.T. -0.006 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

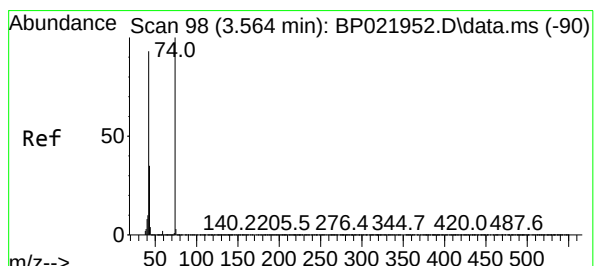
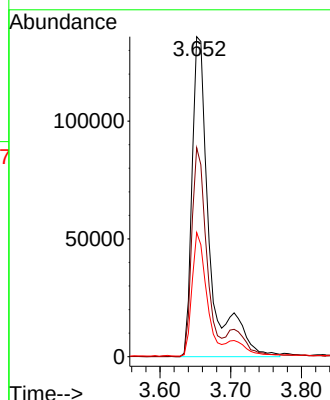
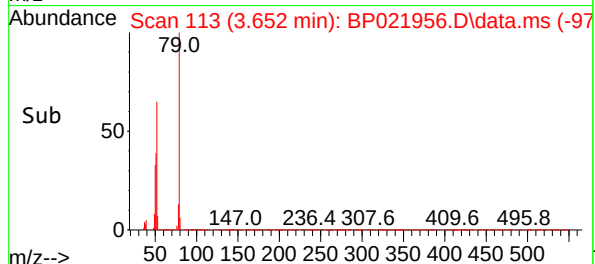
Instrument :
BNA_P
ClientSampleId :
ICVBP091924



Tgt Ion: 79 Resp: 23643
Ion Ratio Lower Upper
79 100
52 65.3 50.3 75.5
51 38.8 30.9 46.3

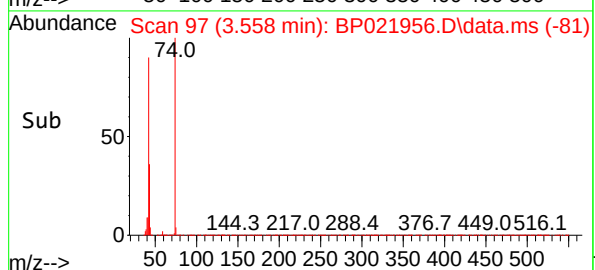
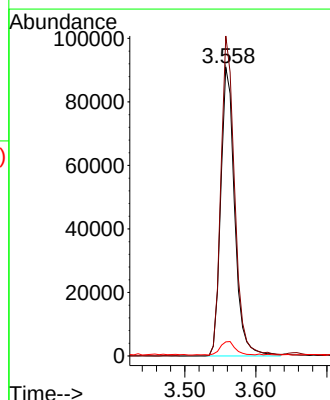
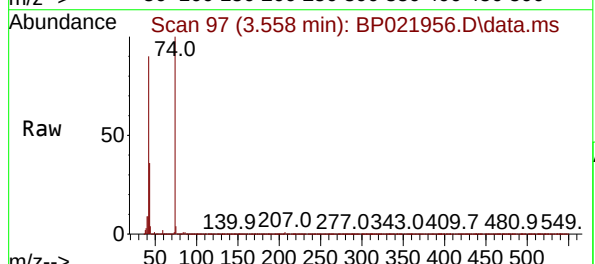
Manual Integrations
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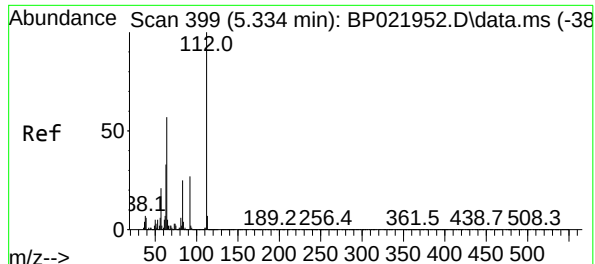
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#4
n-Nitrosodimethylamine
Concen: 37.104 ng
RT: 3.558 min Scan# 97
Delta R.T. -0.006 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

Tgt Ion: 42 Resp: 122813
Ion Ratio Lower Upper
42 100
74 110.9 86.3 129.5
44 4.9 4.0 6.0





#5

2-Fluorophenol

Concen: 77.466 ng

RT: 5.328 min Scan# 399

Delta R.T. -0.006 min

Lab File: BP021956.D

Acq: 19 Sep 2024 18:25

Instrument :

BNA_P

ClientSampleId :

ICVBP091924

Tgt Ion:112 Resp: 438900

Ion Ratio Lower Upper

112 100

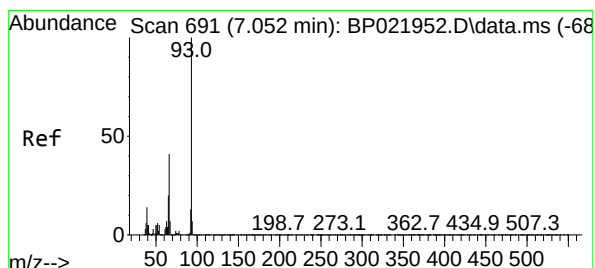
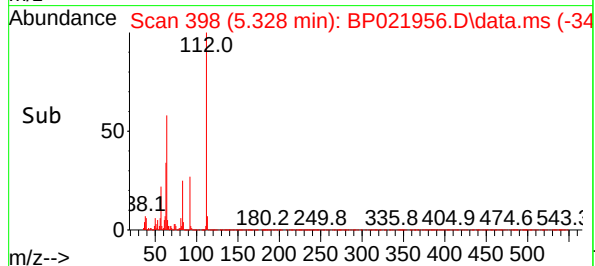
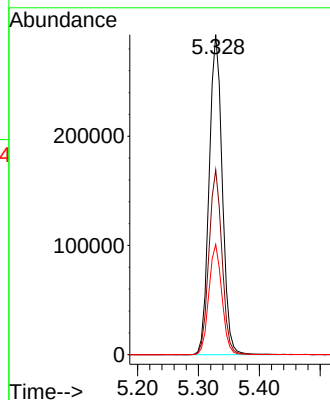
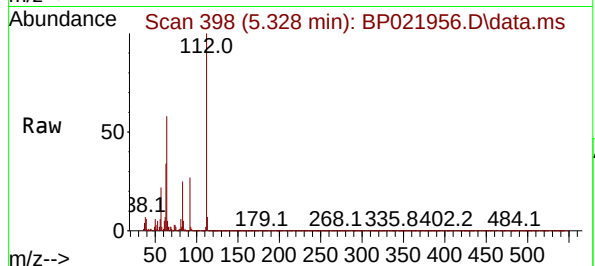
64 57.7 45.4 68.0

63 34.5 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/22/2024



#6

Aniline

Concen: 39.196 ng

RT: 7.046 min Scan# 690

Delta R.T. -0.006 min

Lab File: BP021956.D

Acq: 19 Sep 2024 18:25

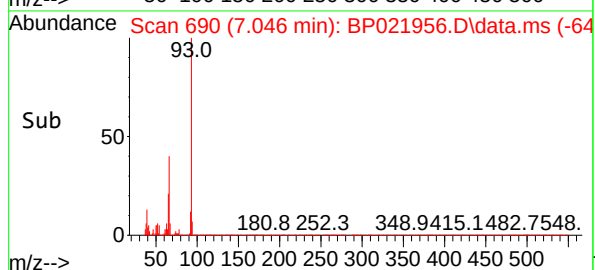
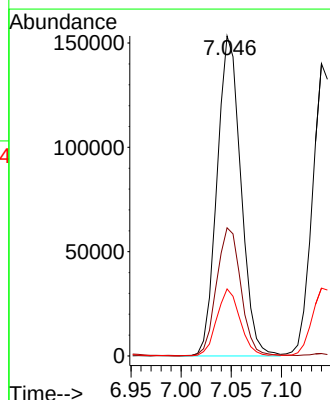
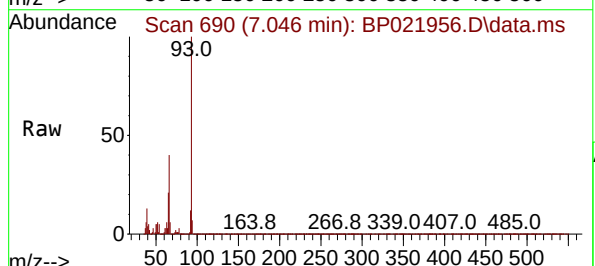
Tgt Ion: 93 Resp: 253335

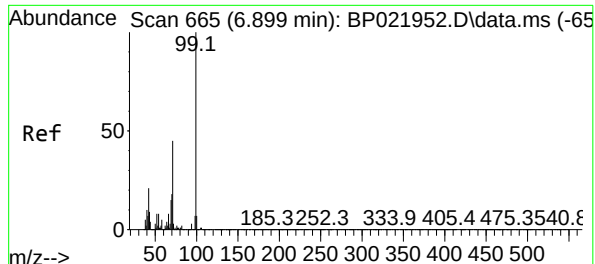
Ion Ratio Lower Upper

93 100

66 40.1 33.0 49.4

65 20.9 16.1 24.1





#7

Phenol-d6

Concen: 78.189 ng

RT: 6.893 min Scan# 60

Delta R.T. -0.006 min

Lab File: BP021956.D

Acq: 19 Sep 2024 18:25

Instrument :

BNA_P

ClientSampleId :

ICVBP091924

Tgt Ion: 99 Resp: 575100

Ion Ratio Lower Upper

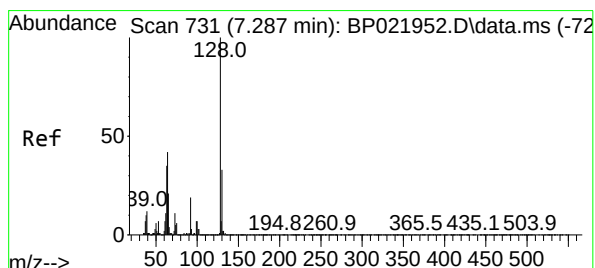
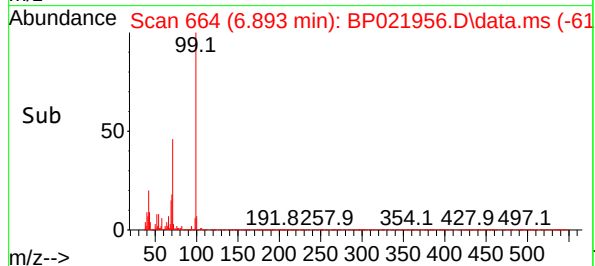
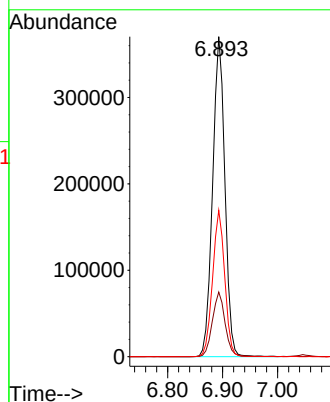
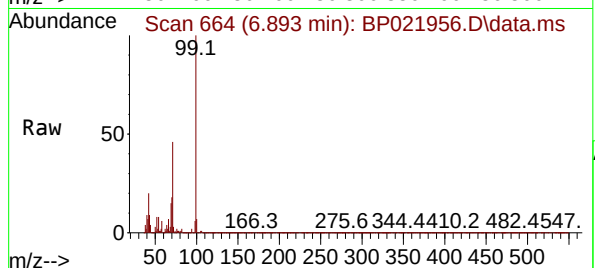
99 100

42 20.2 16.8 25.2

71 45.8 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#8

2-Chlorophenol

Concen: 39.137 ng

RT: 7.287 min Scan# 731

Delta R.T. 0.000 min

Lab File: BP021956.D

Acq: 19 Sep 2024 18:25

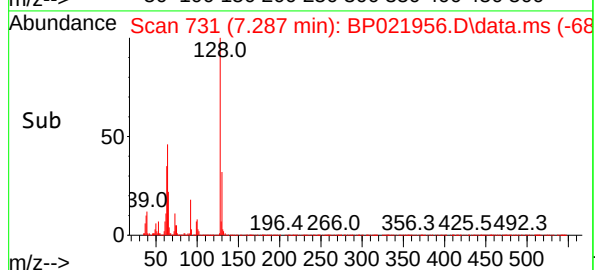
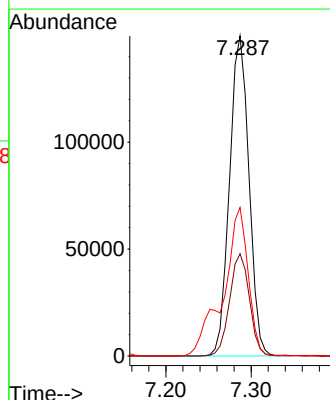
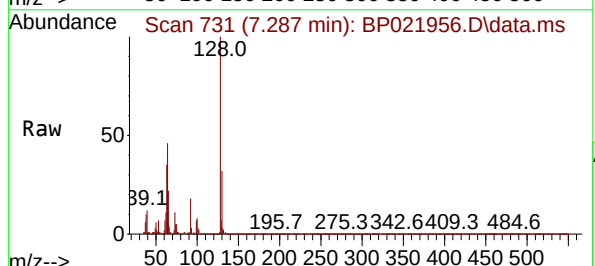
Tgt Ion:128 Resp: 237108

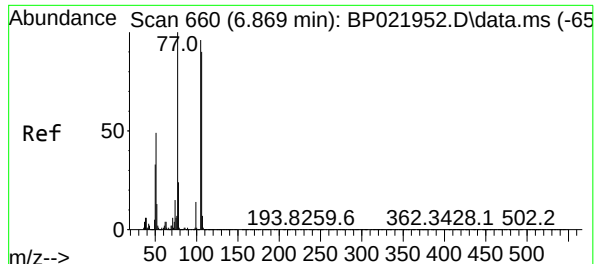
Ion Ratio Lower Upper

128 100

130 31.9 13.1 53.1

64 46.4 22.1 62.1





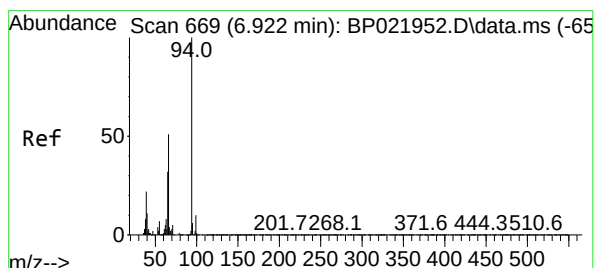
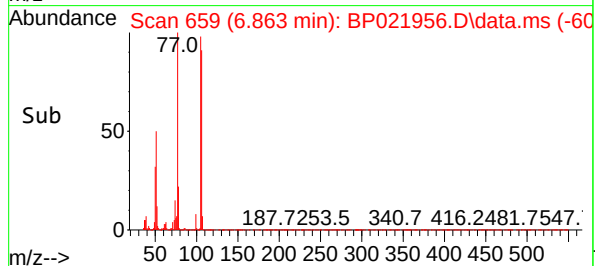
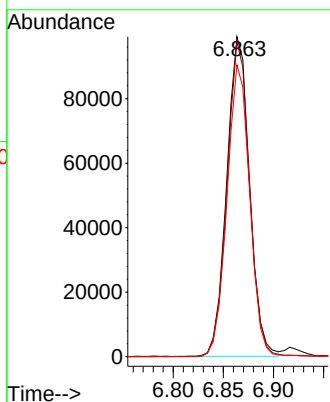
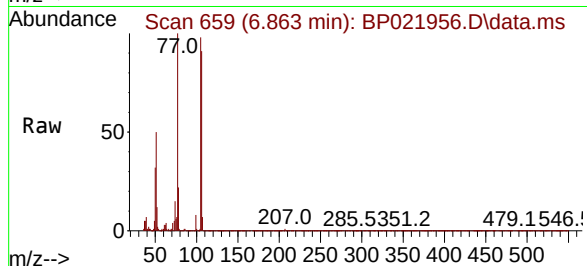
#9
Benzaldehyde
Concen: 40.677 ng
RT: 6.863 min Scan# 609
Delta R.T. -0.006 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

Instrument :
BNA_P
ClientSampleId :
ICVBP091924

Tgt Ion: 77 Resp: 156439
Ion Ratio Lower Upper
77 100
105 98.5 76.1 116.1
106 91.2 69.9 109.9

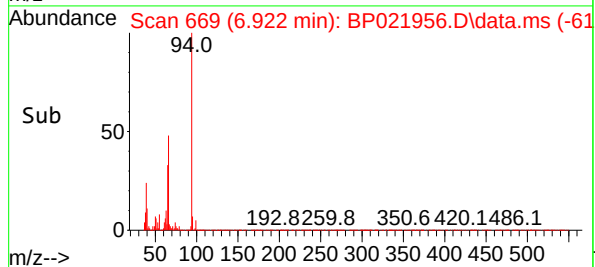
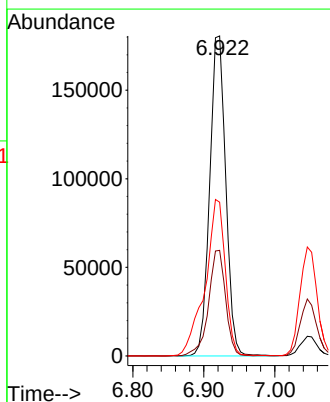
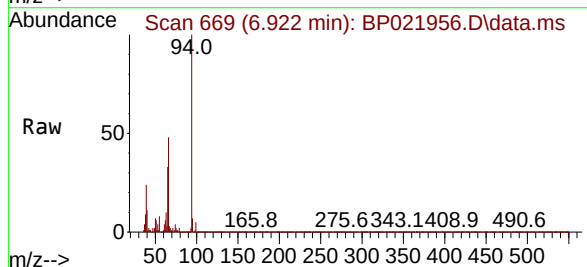
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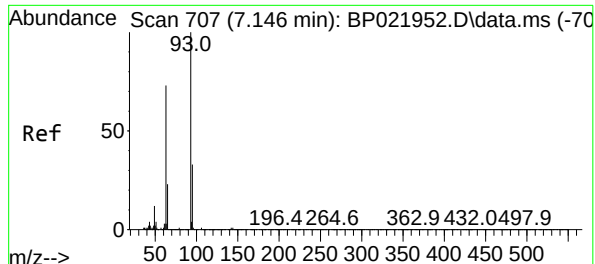
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#10
Phenol
Concen: 38.803 ng
RT: 6.922 min Scan# 669
Delta R.T. 0.000 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

Tgt Ion: 94 Resp: 283467
Ion Ratio Lower Upper
94 100
65 33.0 12.5 52.5
66 48.0 31.2 71.2





#11

bis(2-Chloroethyl)ether

Concen: 39.455 ng

RT: 7.140 min Scan# 707

Delta R.T. -0.006 min

Lab File: BP021956.D

Acq: 19 Sep 2024 18:25

Instrument :

BNA_P

ClientSampleId :

ICVBP091924

Tgt Ion: 93 Resp: 217110

Ion Ratio Lower Upper

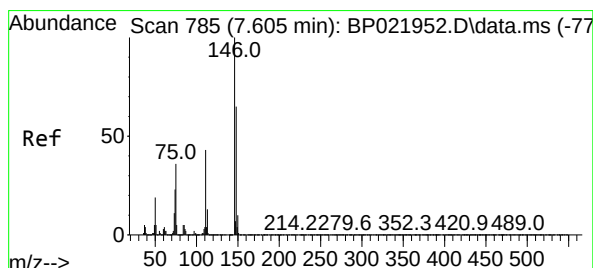
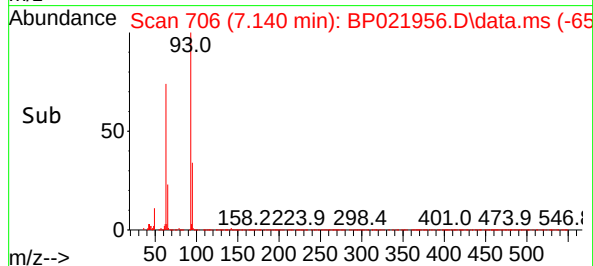
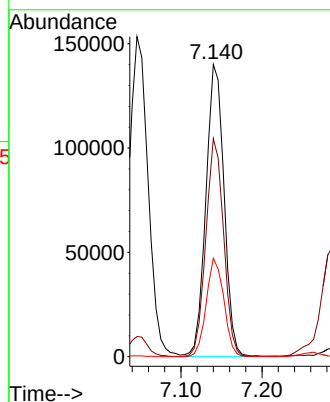
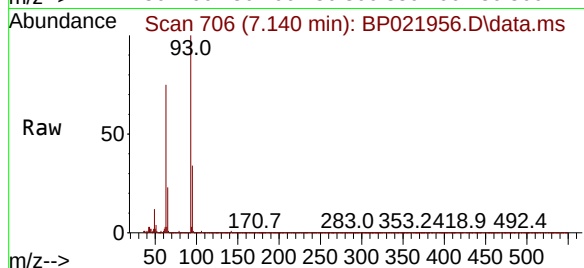
93 100

63 74.6 53.0 93.0

95 33.6 12.4 52.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#12

1,3-Dichlorobenzene

Concen: 39.303 ng

RT: 7.605 min Scan# 785

Delta R.T. 0.000 min

Lab File: BP021956.D

Acq: 19 Sep 2024 18:25

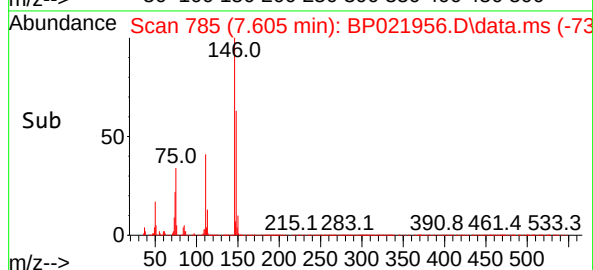
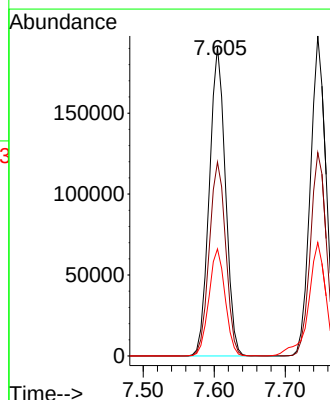
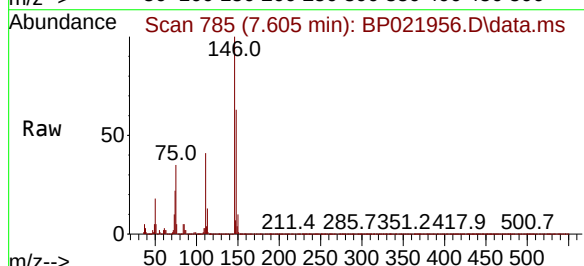
Tgt Ion:146 Resp: 300623

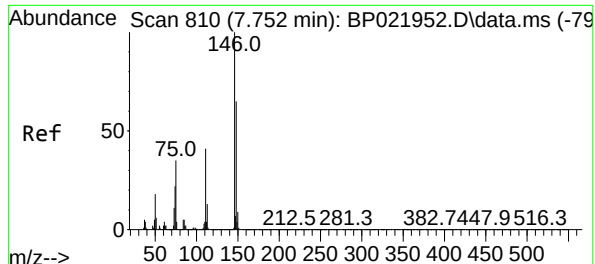
Ion Ratio Lower Upper

146 100

148 62.6 52.3 78.5

75 34.6 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 39.031 ng

RT: 7.746 min Scan# 809

Delta R.T. -0.006 min

Lab File: BP021956.D

Acq: 19 Sep 2024 18:25

Instrument :

BNA_P

ClientSampleId :

ICVBP091924

Tgt Ion:146 Resp: 302764

Ion Ratio Lower Upper

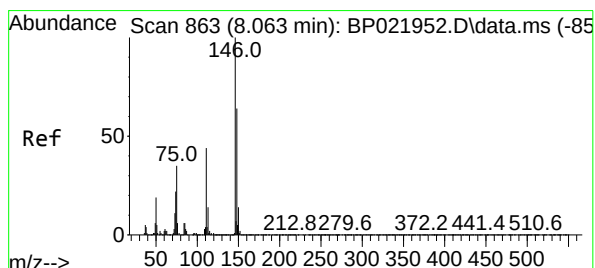
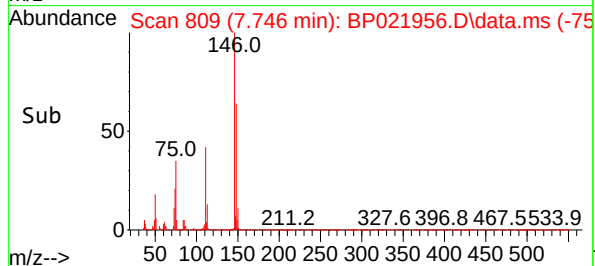
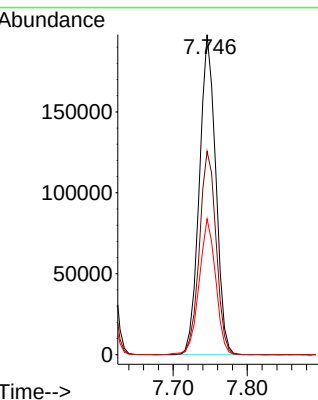
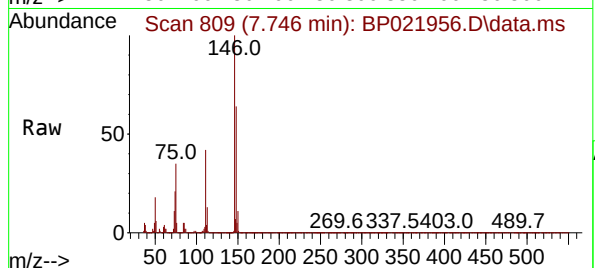
146 100

148 63.5 52.2 78.4

111 42.4 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#14

1,2-Dichlorobenzene

Concen: 38.285 ng

RT: 8.058 min Scan# 862

Delta R.T. -0.006 min

Lab File: BP021956.D

Acq: 19 Sep 2024 18:25

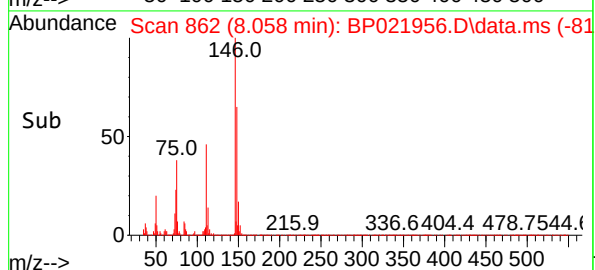
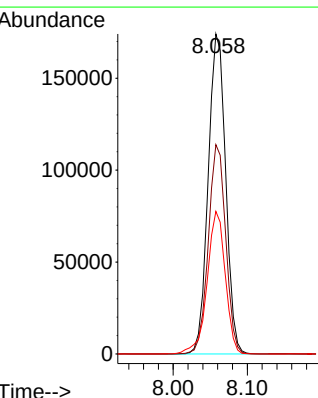
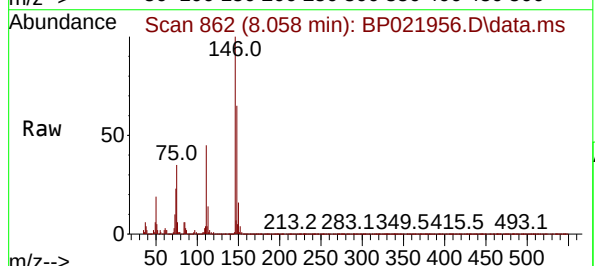
Tgt Ion:146 Resp: 285036

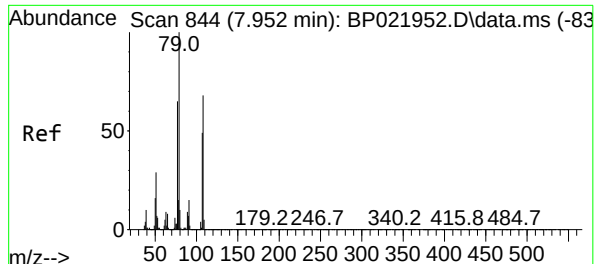
Ion Ratio Lower Upper

146 100

148 65.4 51.3 76.9

111 44.5 35.6 53.4





#15

Benzyl Alcohol

Concen: 40.269 ng

RT: 7.946 min Scan# 844

Delta R.T. -0.006 min

Lab File: BP021956.D

Acq: 19 Sep 2024 18:25

Instrument :

BNA_P

ClientSampleId :

ICVBP091924

Tgt Ion: 79 Resp: 227150

Ion Ratio Lower Upper

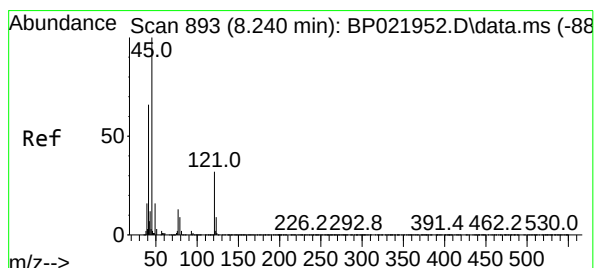
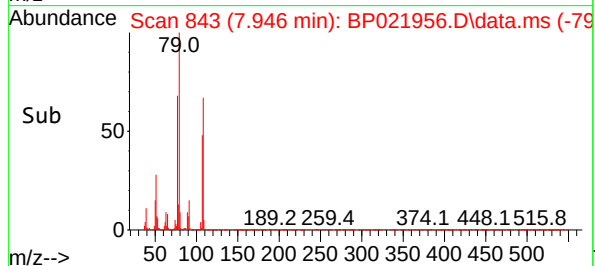
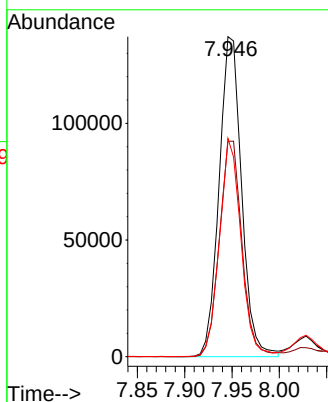
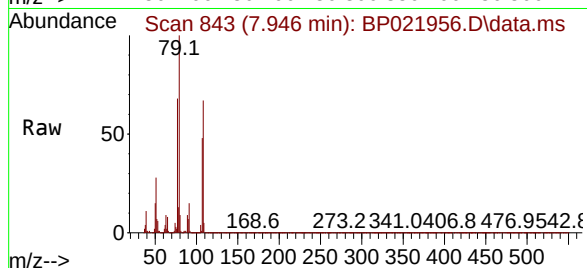
79 100

108 67.3 54.7 82.1

77 68.2 51.8 77.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.025 ng

RT: 8.240 min Scan# 893

Delta R.T. 0.000 min

Lab File: BP021956.D

Acq: 19 Sep 2024 18:25

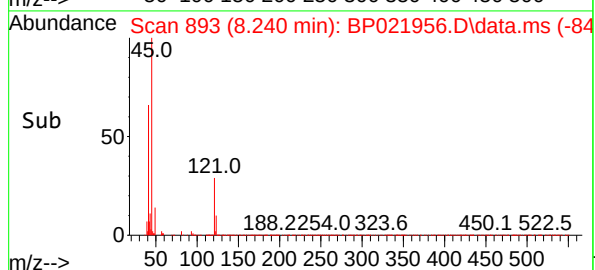
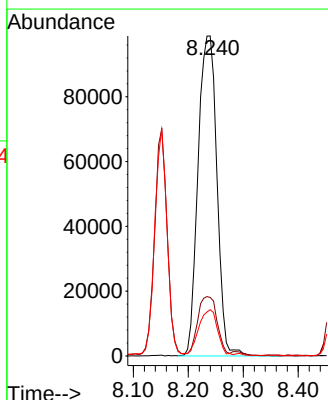
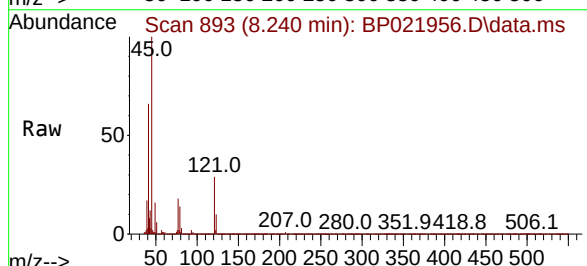
Tgt Ion: 45 Resp: 234916

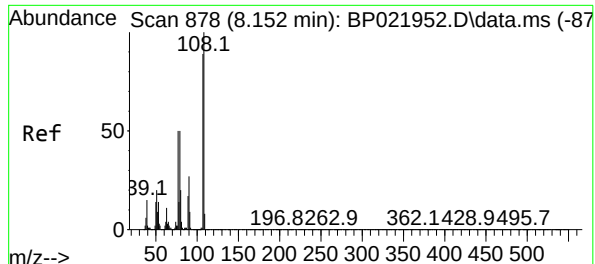
Ion Ratio Lower Upper

45 100

77 18.3 0.0 39.5

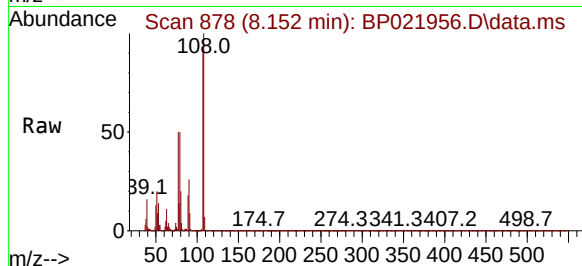
79 14.4 0.0 34.9





#17
2-Methylphenol
Concen: 40.367 ng
RT: 8.152 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

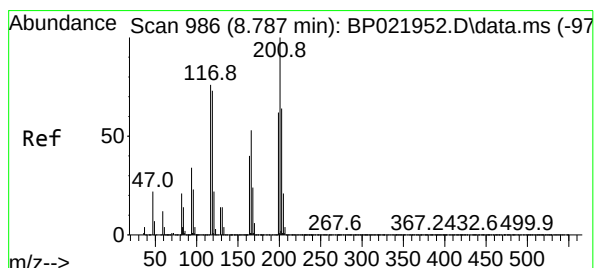
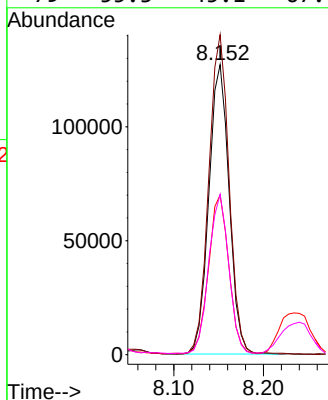
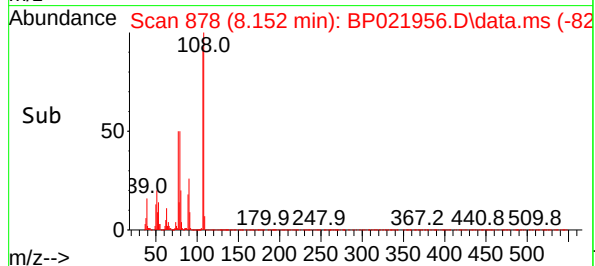
Instrument :
BNA_P
ClientSampleId :
ICVBP091924



Tgt Ion	Ratio	Lower	Upper
107	100		
108	110.3	90.3	135.5
77	55.0	45.1	67.7
79	55.3	45.1	67.7

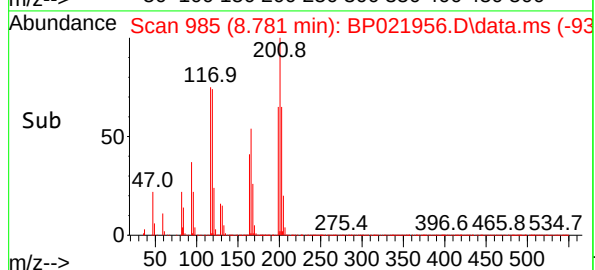
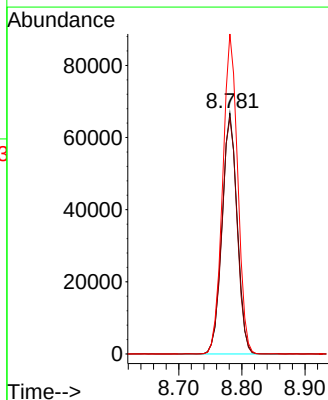
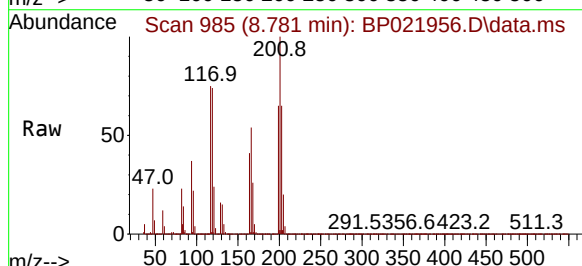
Manual Integrations
APPROVED

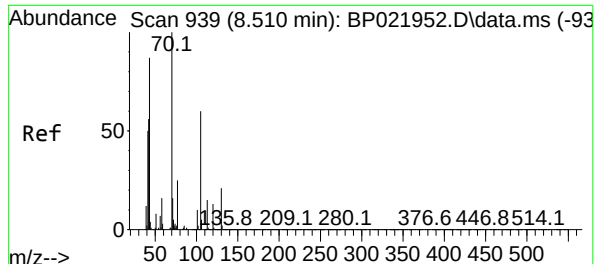
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#18
Hexachloroethane
Concen: 39.011 ng
RT: 8.781 min Scan# 985
Delta R.T. -0.006 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	77.0	115.4
201	133.0	105.6	158.4





#19

n-Nitroso-di-n-propylamine

Concen: 41.079 ng

RT: 8.510 min Scan# 91

Delta R.T. 0.000 min

Lab File: BP021956.D

Acq: 19 Sep 2024 18:25

Instrument :

BNA_P

ClientSampleId :

ICVBP091924

Tgt Ion: 70 Resp: 187798

Ion Ratio Lower Upper

70 100

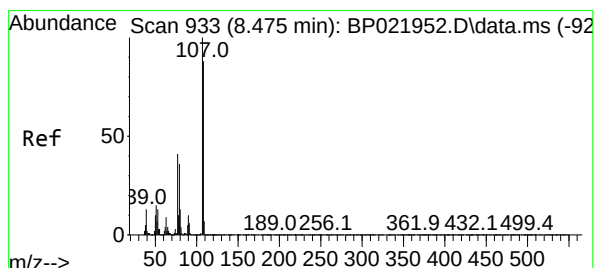
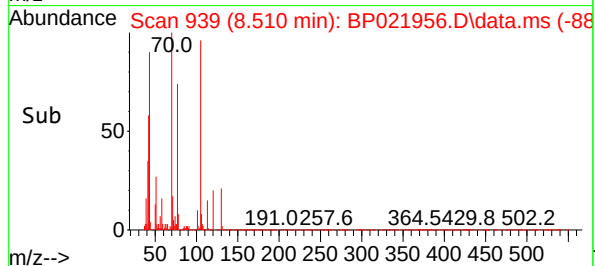
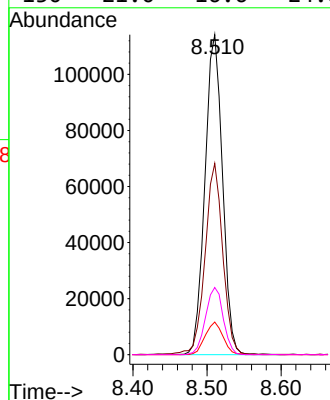
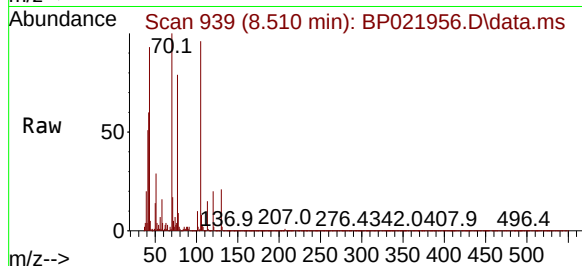
42 59.7 45.2 67.8

101 10.2 7.8 11.6

130 21.0 16.6 24.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#20

3+4-Methylphenols

Concen: 39.936 ng

RT: 8.475 min Scan# 933

Delta R.T. 0.000 min

Lab File: BP021956.D

Acq: 19 Sep 2024 18:25

Tgt Ion:107 Resp: 278221

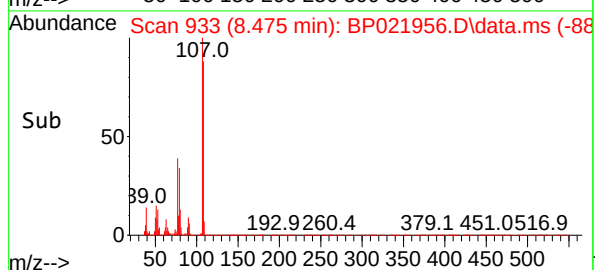
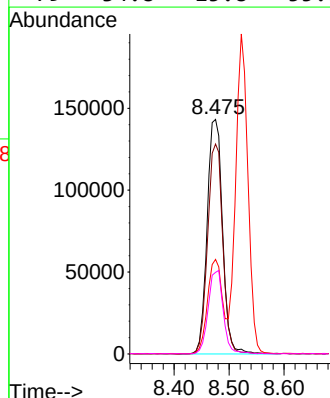
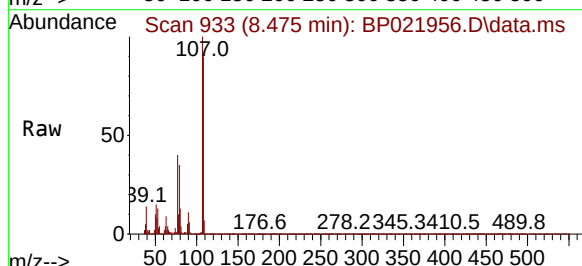
Ion Ratio Lower Upper

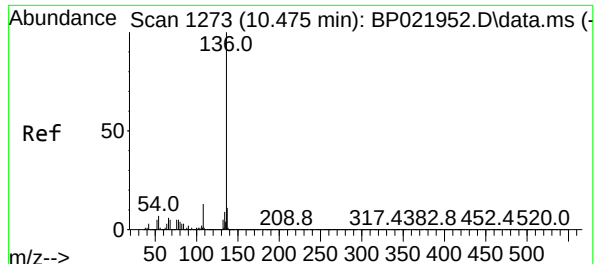
107 100

108 89.5 68.3 108.3

77 40.3 20.6 60.6

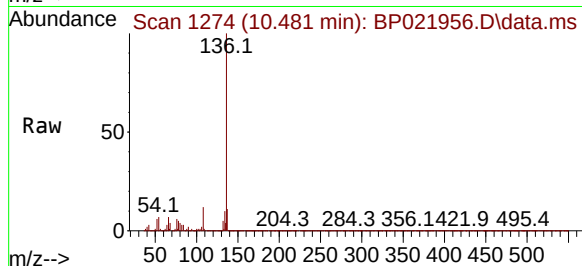
79 34.8 15.8 55.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1041
Delta R.T. 0.006 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

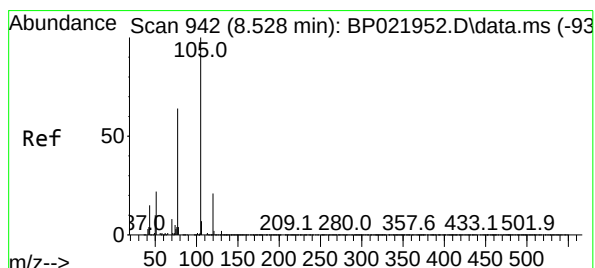
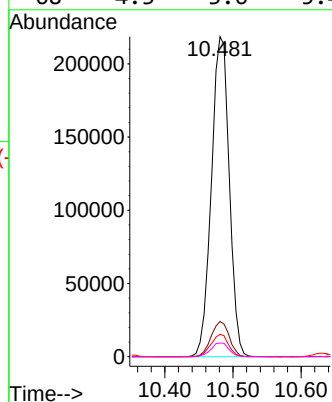
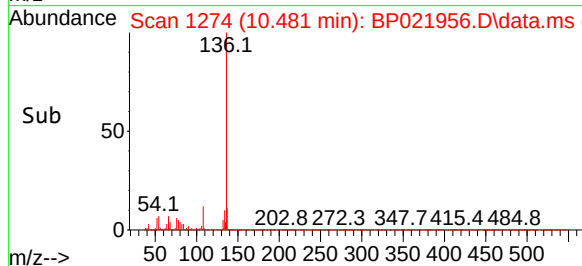
Instrument :
BNA_P
ClientSampleId :
ICVBP091924



Tgt Ion:136 Resp: 399160
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.0 5.5 8.3
68 4.3 3.6 5.4

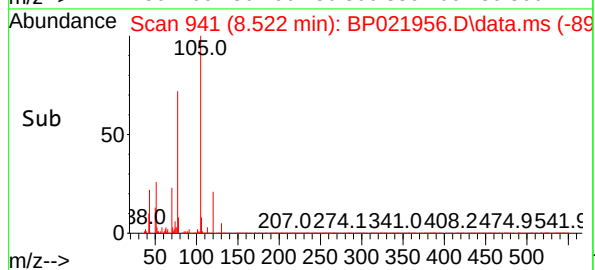
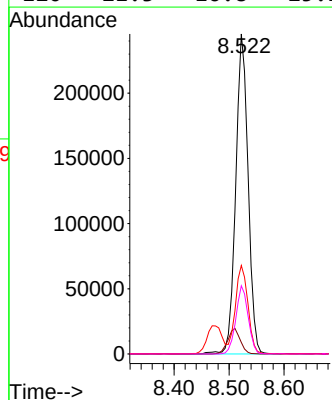
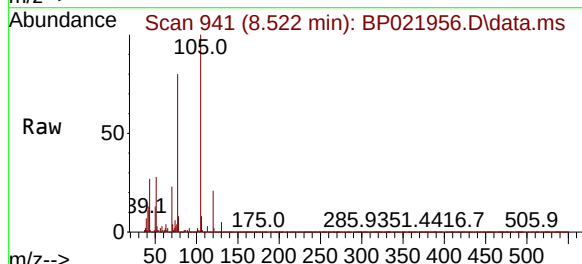
Manual Integrations
APPROVED

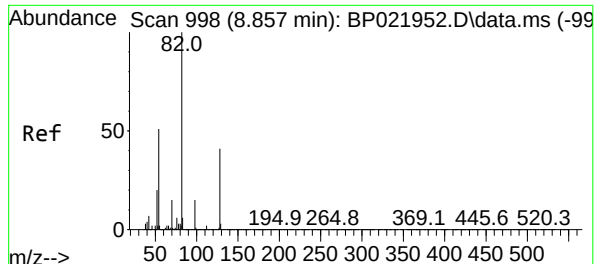
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#22
Acetophenone
Concen: 39.380 ng
RT: 8.522 min Scan# 941
Delta R.T. -0.006 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

Tgt Ion:105 Resp: 383458
Ion Ratio Lower Upper
105 100
71 3.6 1.4 2.0#
51 27.6 22.1 33.1
120 21.3 16.8 25.2





#23

Nitrobenzene-d5

Concen: 80.399 ng

RT: 8.857 min Scan# 998

Delta R.T. 0.000 min

Lab File: BP021956.D

Acq: 19 Sep 2024 18:25

Instrument :

BNA_P

ClientSampleId :

ICVBP091924

Tgt Ion: 82 Resp: 606510

Ion Ratio Lower Upper

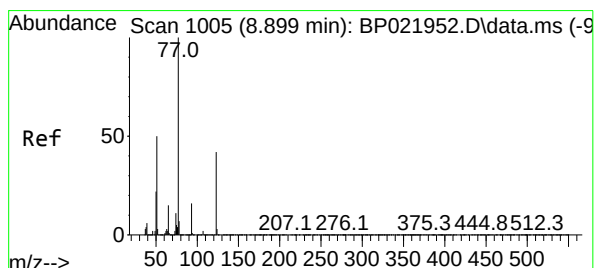
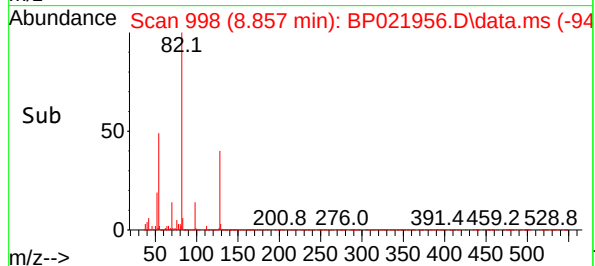
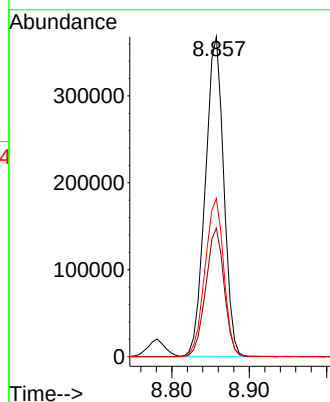
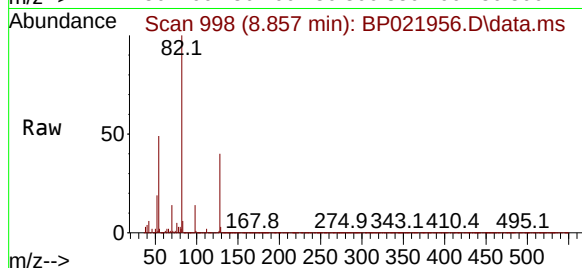
82 100

128 40.1 33.1 49.7

54 49.4 40.3 60.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#24

Nitrobenzene

Concen: 40.119 ng

RT: 8.899 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BP021956.D

Acq: 19 Sep 2024 18:25

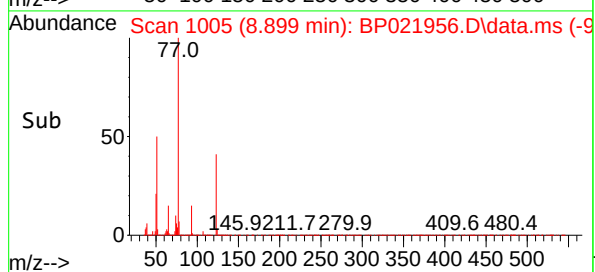
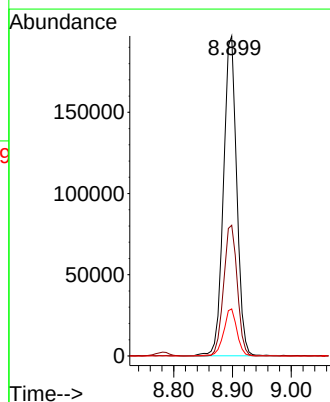
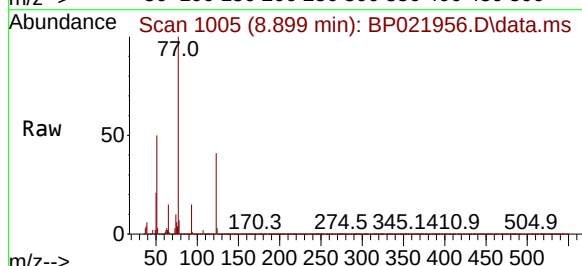
Tgt Ion: 77 Resp: 307342

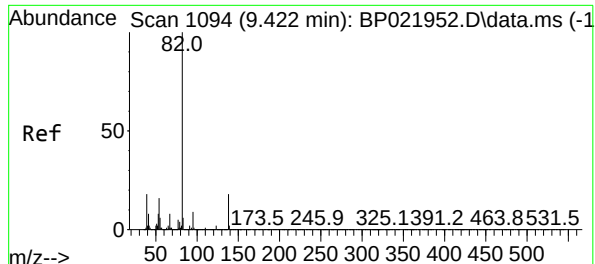
Ion Ratio Lower Upper

77 100

123 40.9 33.9 50.9

65 14.7 12.0 18.0





#25

Isophorone

Concen: 41.517 ng

RT: 9.416 min Scan# 1093

Delta R.T. -0.006 min

Lab File: BP021956.D

Acq: 19 Sep 2024 18:25

Instrument :

BNA_P

ClientSampleId :

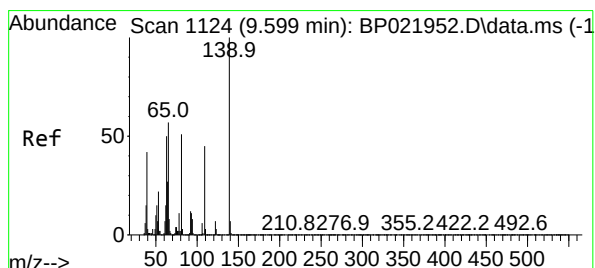
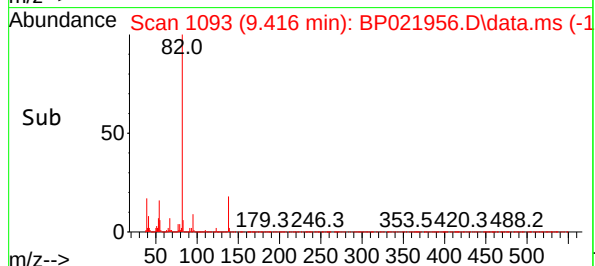
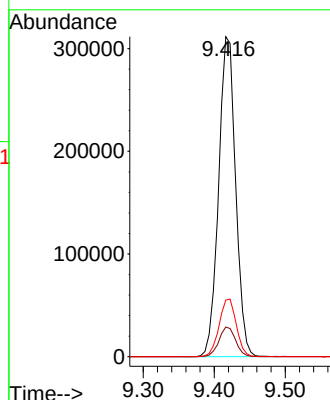
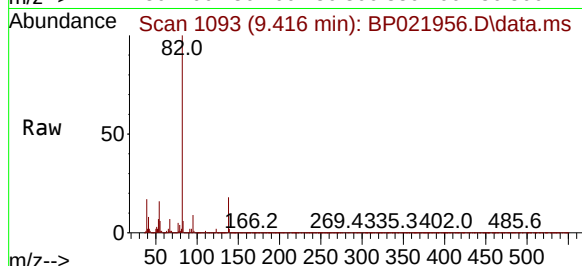
ICVBP091924

Tgt Ion:	82	Resp:	516350
Ion Ratio	Lower	Upper	
82	100		
95	9.2	7.0	10.6
138	17.7	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#26

2-Nitrophenol

Concen: 41.304 ng

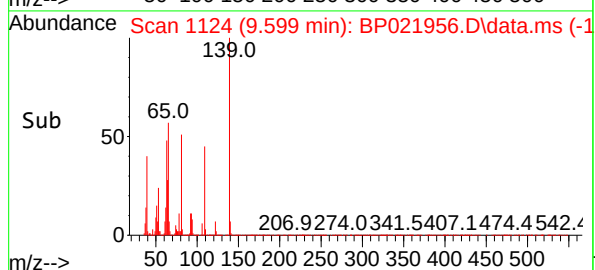
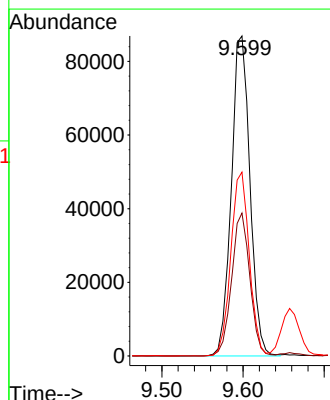
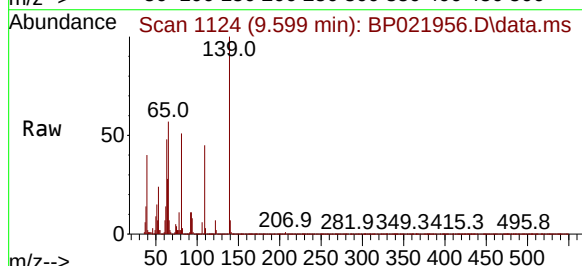
RT: 9.599 min Scan# 1124

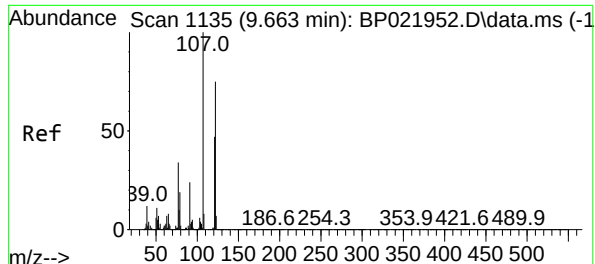
Delta R.T. 0.000 min

Lab File: BP021956.D

Acq: 19 Sep 2024 18:25

Tgt Ion:	139	Resp:	138352
Ion Ratio	Lower	Upper	
139	100		
109	44.7	36.0	54.0
65	57.4	45.7	68.5





#27

2,4-Dimethylphenol

Concen: 41.257 ng

RT: 9.657 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BP021956.D

Acq: 19 Sep 2024 18:25

Instrument :

BNA_P

ClientSampleId :

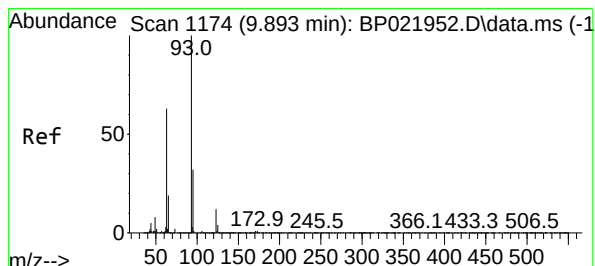
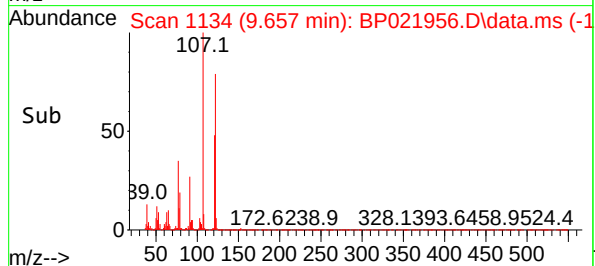
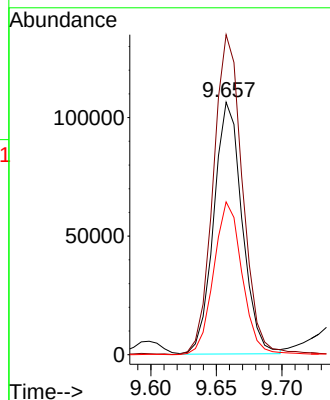
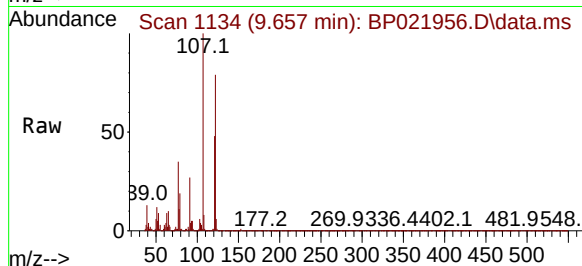
ICVBP091924

Tgt Ion:	122	Resp:	16001
Ion	Ratio	Lower	Upper
122	100		
107	126.7	106.1	159.1
121	60.5	49.6	74.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#28

bis(2-Chloroethoxy)methane

Concen: 40.255 ng

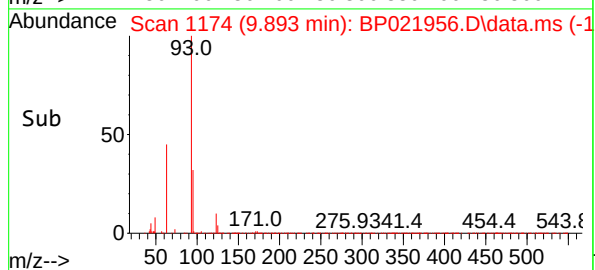
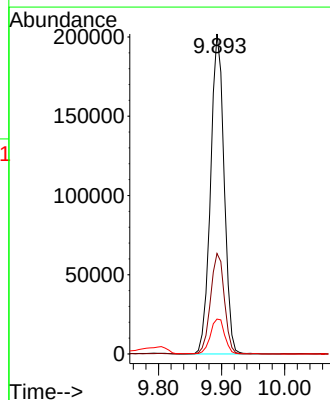
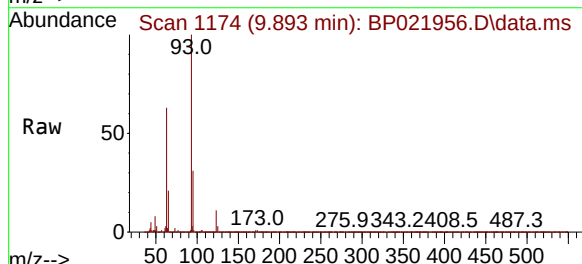
RT: 9.893 min Scan# 1174

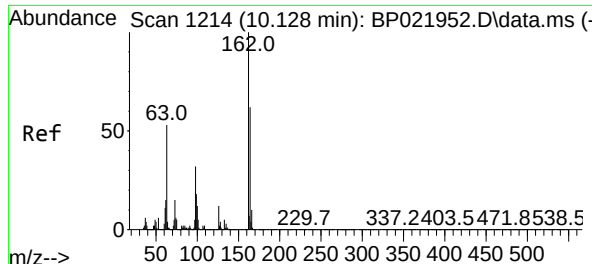
Delta R.T. 0.000 min

Lab File: BP021956.D

Acq: 19 Sep 2024 18:25

Tgt Ion:	93	Resp:	300192
Ion	Ratio	Lower	Upper
93	100		
95	31.4	25.7	38.5
123	10.9	9.4	14.0





#29

2,4-Dichlorophenol

Concen: 40.661 ng

RT: 10.134 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP021956.D

Acq: 19 Sep 2024 18:25

Instrument :

BNA_P

ClientSampleId :

ICVBP091924

Tgt Ion:162 Resp: 267684

Ion Ratio Lower Upper

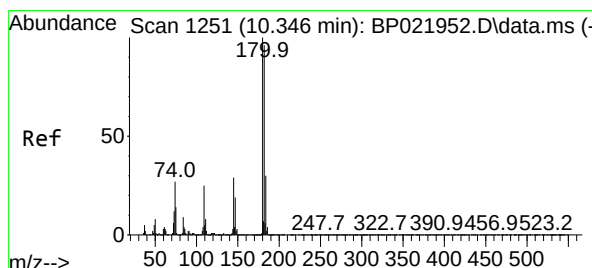
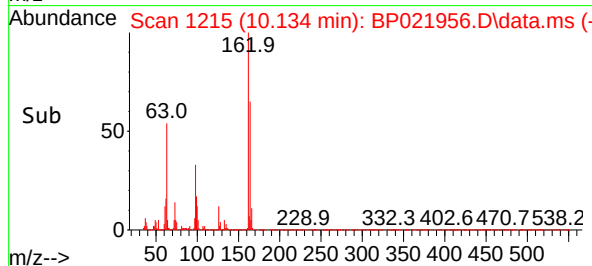
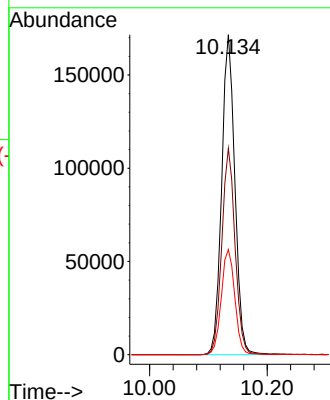
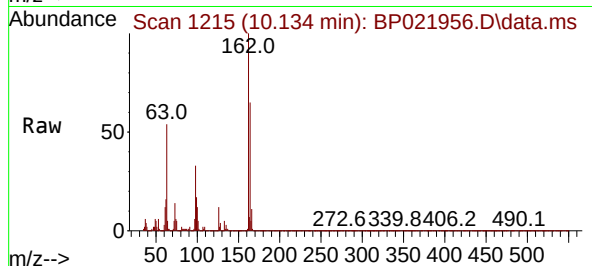
162 100

164 64.5 41.7 81.7

98 32.9 12.4 52.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#30

1,2,4-Trichlorobenzene

Concen: 39.410 ng

RT: 10.340 min Scan# 1250

Delta R.T. -0.006 min

Lab File: BP021956.D

Acq: 19 Sep 2024 18:25

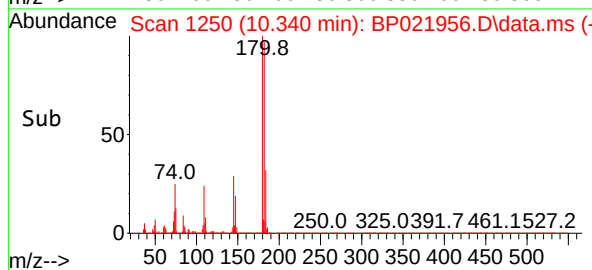
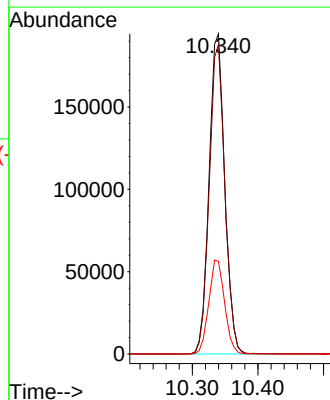
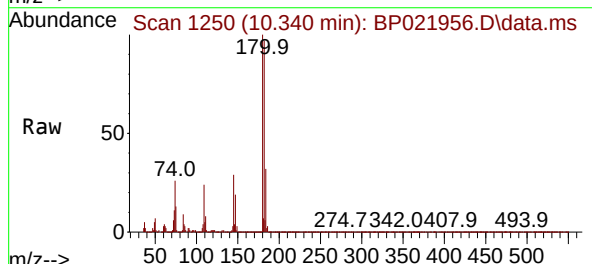
Tgt Ion:180 Resp: 323173

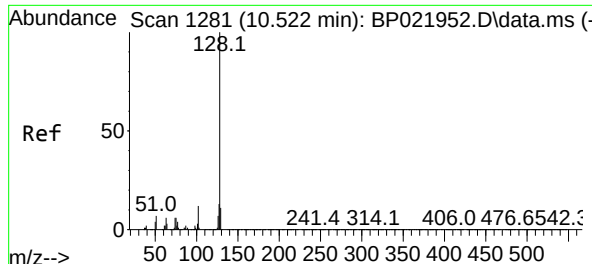
Ion Ratio Lower Upper

180 100

182 96.6 77.0 115.4

145 28.9 23.0 34.6





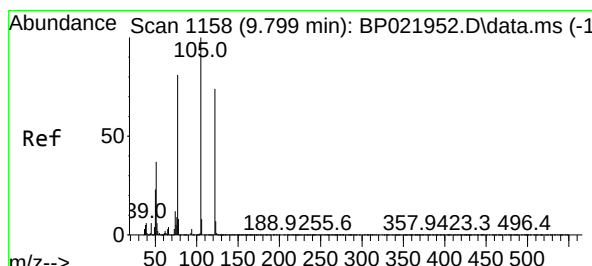
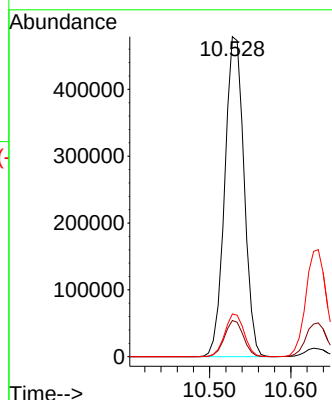
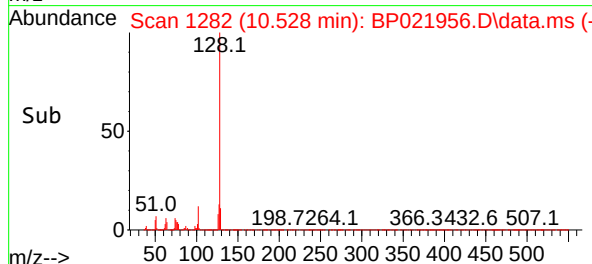
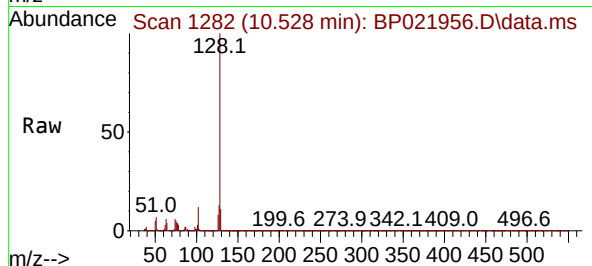
#31
Naphthalene
Concen: 39.645 ng
RT: 10.528 min Scan# 1282
Delta R.T. 0.006 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

Instrument :
BNA_P
ClientSampleId :
ICVBP091924

Tgt Ion:128 Resp: 78964
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.3 10.6 15.8

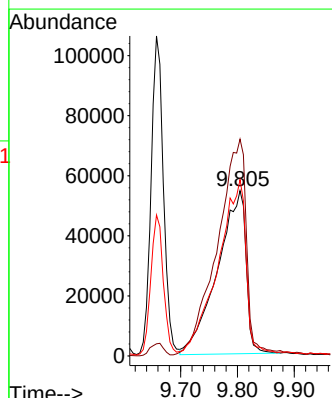
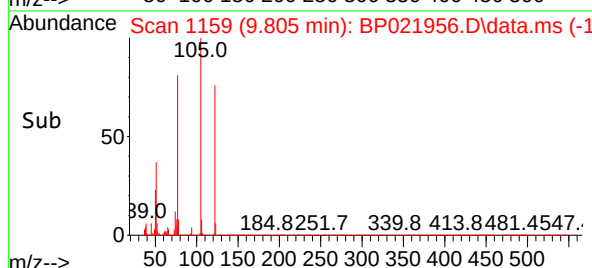
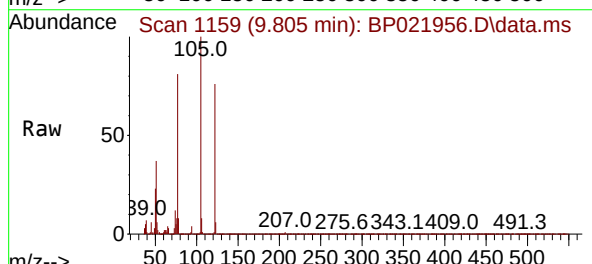
Manual Integrations
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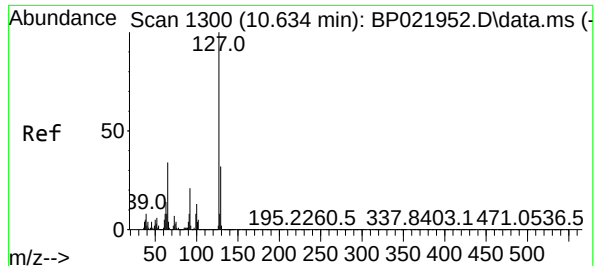
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#32
Benzoic acid
Concen: 41.608 ng
RT: 9.805 min Scan# 1159
Delta R.T. 0.006 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

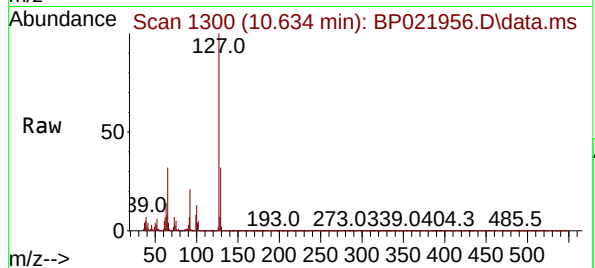
Tgt Ion:122 Resp: 188668
Ion Ratio Lower Upper
122 100
105 131.2 111.3 151.3
77 106.7 86.7 126.7





#33
4-Chloroaniline
Concen: 40.065 ng
RT: 10.634 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

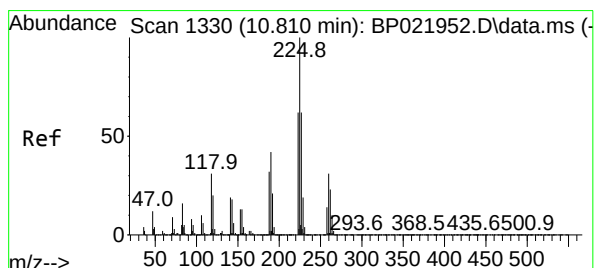
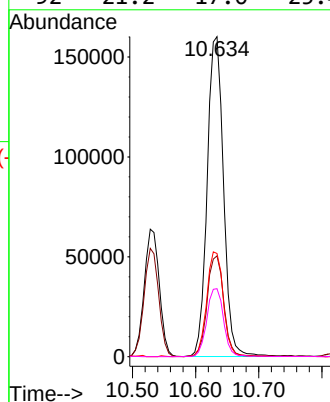
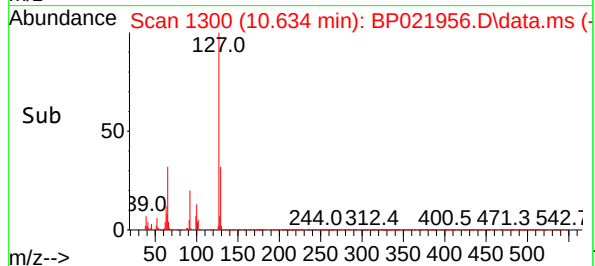
Instrument :
BNA_P
ClientSampleId :
ICVBP091924



Tgt Ion:127 Resp: 28784
Ion Ratio Lower Upper
127 100
129 31.5 25.4 38.0
65 32.3 27.4 41.2
92 21.2 17.0 25.4

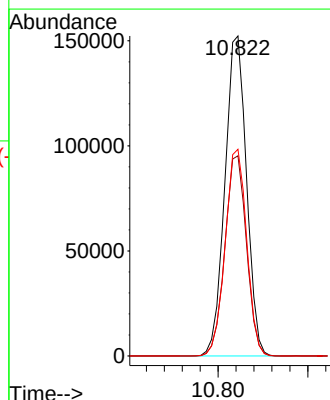
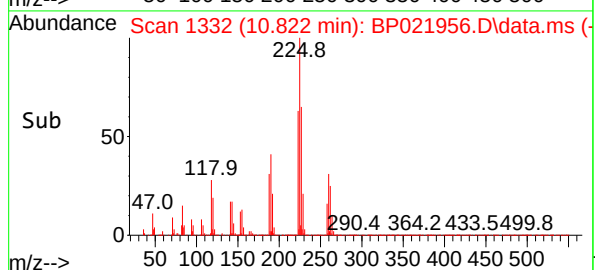
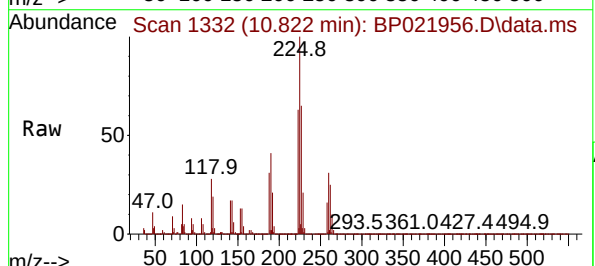
Manual Integrations
APPROVED

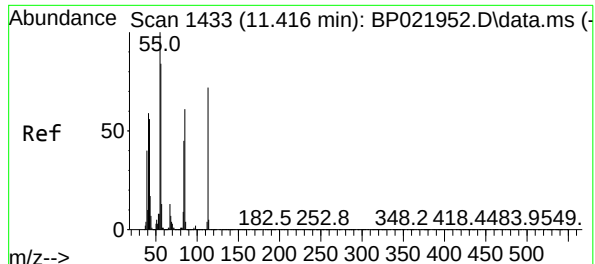
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#34
Hexachlorobutadiene
Concen: 39.651 ng
RT: 10.822 min Scan# 1332
Delta R.T. 0.012 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

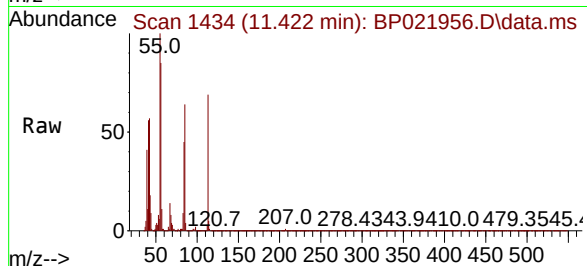
Tgt Ion:225 Resp: 254365
Ion Ratio Lower Upper
225 100
223 62.5 50.0 75.0
227 64.6 49.7 74.5





#35
Caprolactam
Concen: 40.666 ng
RT: 11.422 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

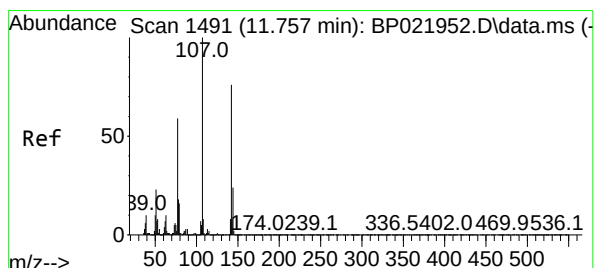
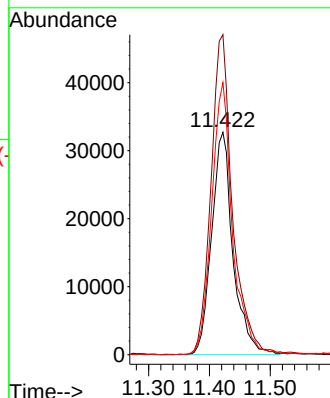
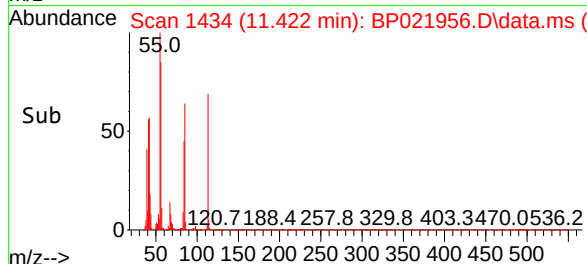
Instrument :
BNA_P
ClientSampleId :
ICVBP091924



Tgt Ion:113 Resp: 7967
Ion Ratio Lower Upper
113 100
55 143.9 119.4 159.4
56 122.4 97.1 137.1

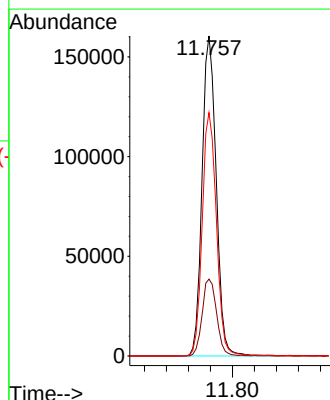
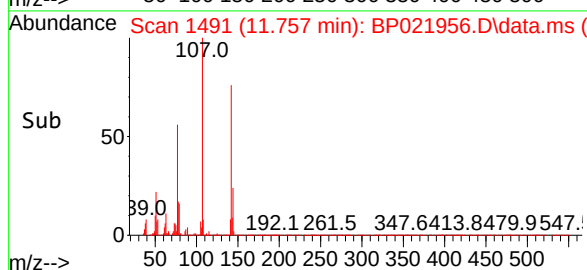
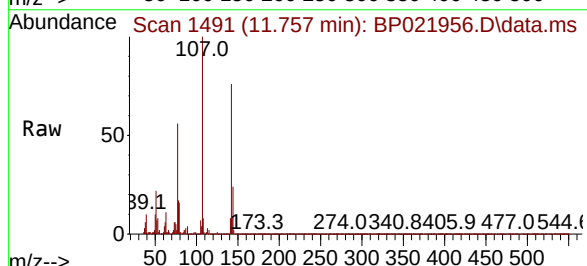
Manual Integrations
APPROVED

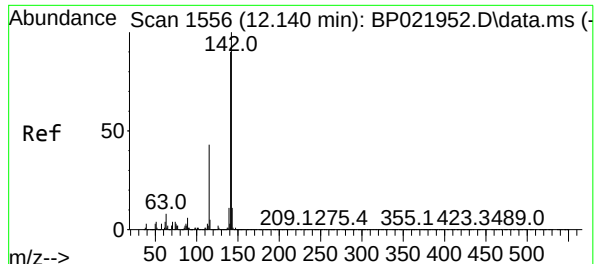
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#36
4-Chloro-3-methylphenol
Concen: 40.590 ng
RT: 11.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

Tgt Ion:107 Resp: 286686
Ion Ratio Lower Upper
107 100
144 24.0 19.0 28.4
142 76.0 60.4 90.6





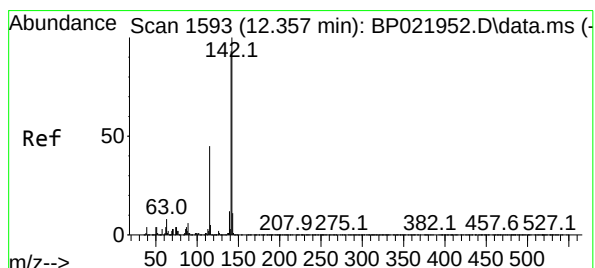
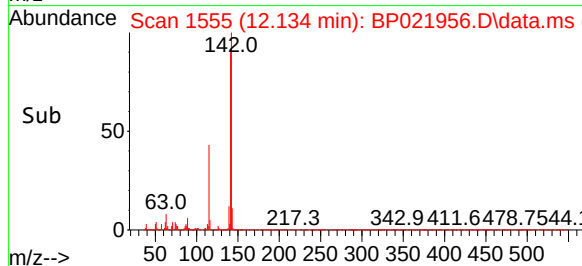
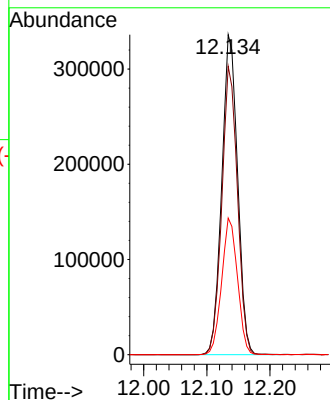
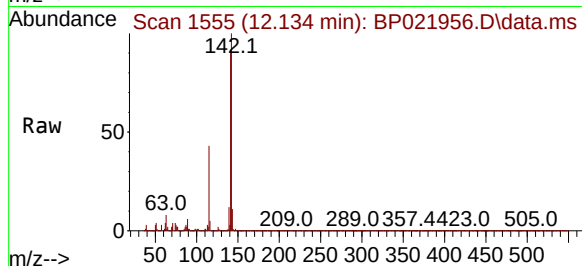
#37
2-Methylnaphthalene
Concen: 40.104 ng
RT: 12.134 min Scan# 1555
Delta R.T. -0.006 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

Instrument :
BNA_P
ClientSampleId :
ICVBP091924

Tgt Ion:142 Resp: 58440
Ion Ratio Lower Upper
142 100
141 90.1 71.7 107.5
115 42.7 34.6 51.8

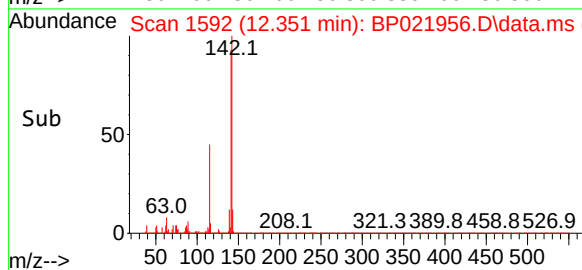
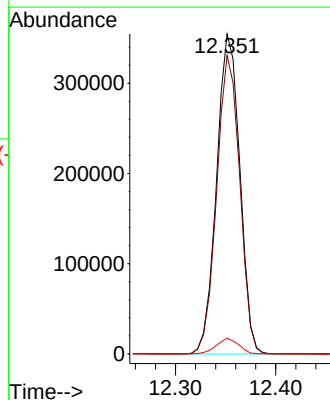
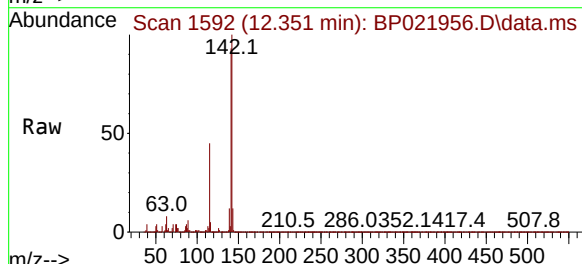
Manual Integrations
APPROVED

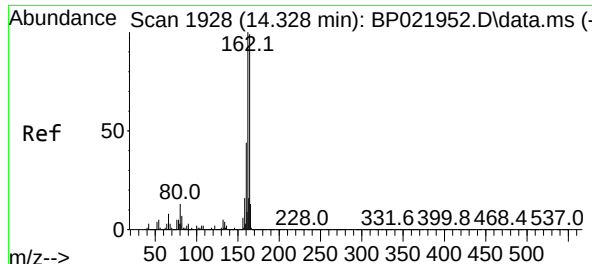
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#38
1-Methylnaphthalene
Concen: 39.551 ng
RT: 12.351 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

Tgt Ion:142 Resp: 569045
Ion Ratio Lower Upper
142 100
141 93.3 74.1 111.1
116 4.9 3.8 5.8





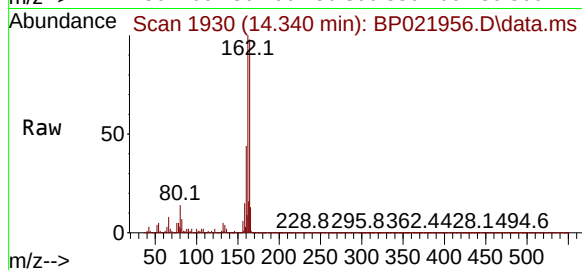
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.340 min Scan# 1930
Delta R.T. 0.012 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

Instrument :

BNA_P

ClientSampleId :

ICVBP091924

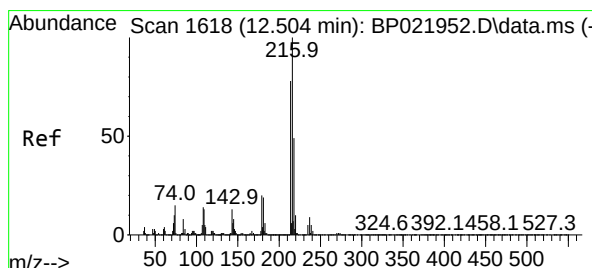
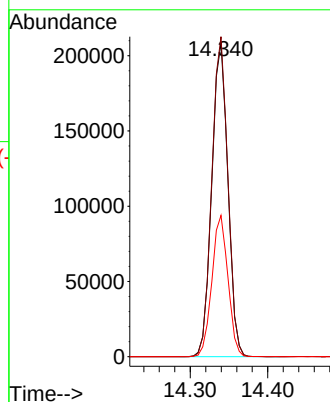
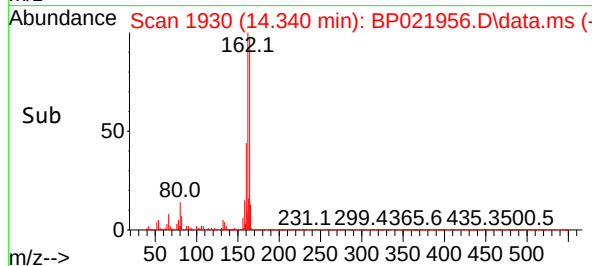


Tgt Ion:164 Resp: 301010
Ion Ratio Lower Upper
164 100
162 102.0 81.2 121.8
160 45.0 35.9 53.9

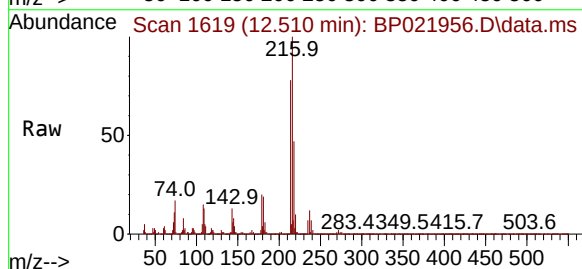
Manual Integrations

APPROVED

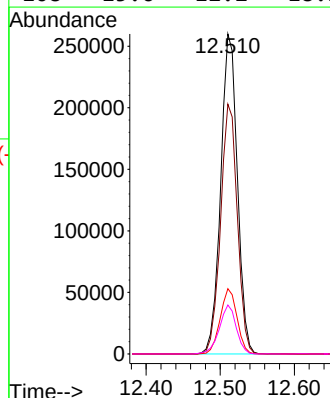
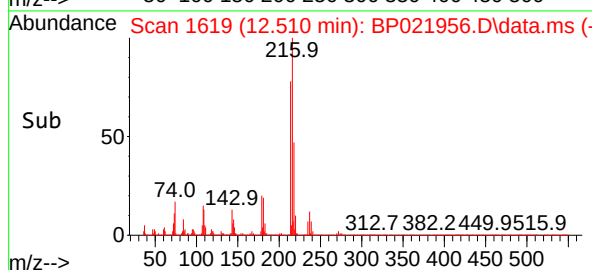
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

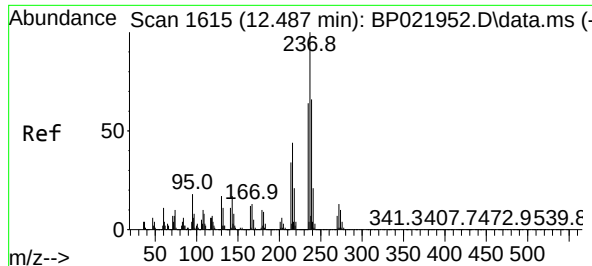


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.509 ng
RT: 12.510 min Scan# 1619
Delta R.T. 0.006 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25



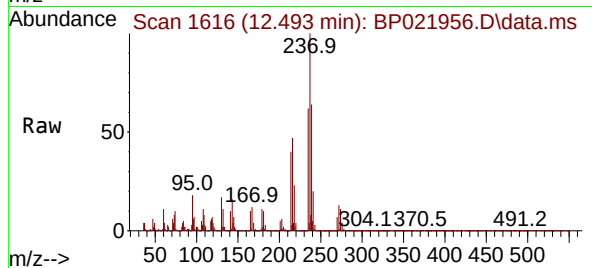
Tgt Ion:216 Resp: 405552
Ion Ratio Lower Upper
216 100
214 78.4 62.8 94.2
179 20.5 16.4 24.6
108 15.6 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 39.303 ng
RT: 12.493 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

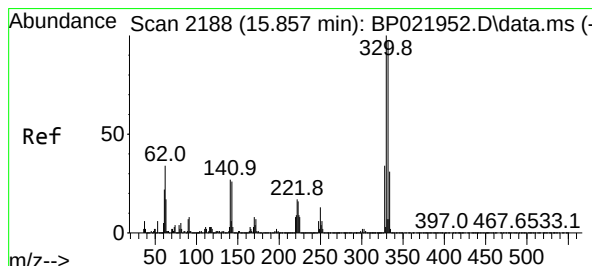
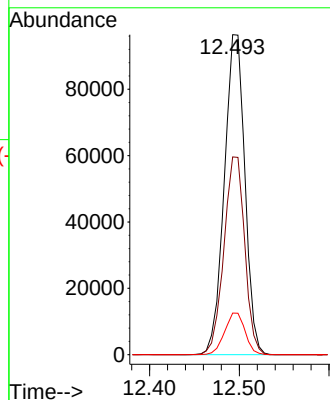
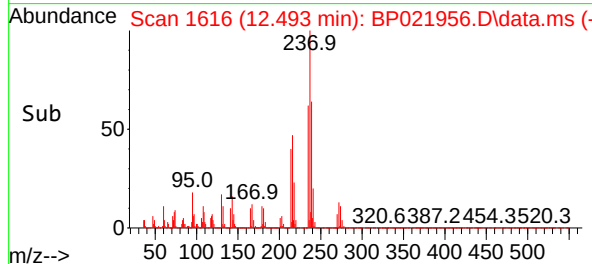
Instrument :
BNA_P
ClientSampleId :
ICVBP091924



Tgt Ion: 237 Resp: 153789
Ion Ratio Lower Upper
237 100
235 61.8 44.1 84.1
272 13.0 0.0 33.1

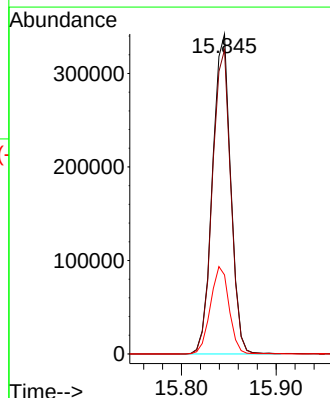
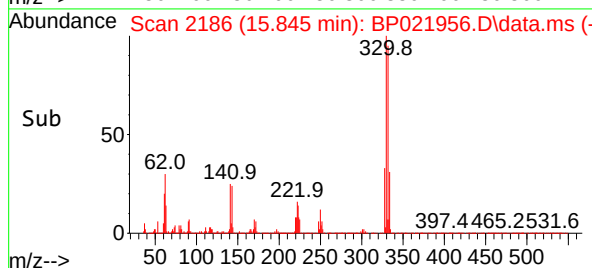
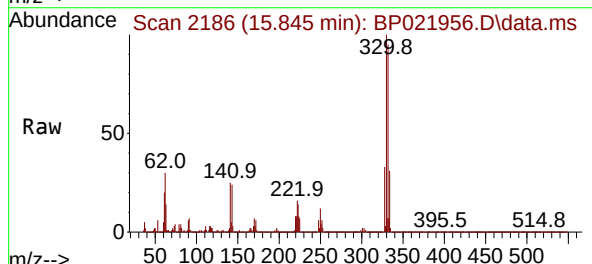
Manual Integrations
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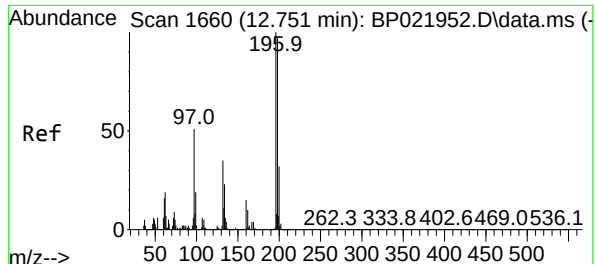
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#42
2,4,6-Tribromophenol
Concen: 81.916 ng
RT: 15.845 min Scan# 2186
Delta R.T. -0.012 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

Tgt Ion: 330 Resp: 457121
Ion Ratio Lower Upper
330 100
332 96.0 77.5 116.3
141 28.1 23.4 35.0





#43

2,4,6-Trichlorophenol

Concen: 40.220 ng

RT: 12.751 min Scan# 1660

Delta R.T. 0.000 min

Lab File: BP021956.D

Acq: 19 Sep 2024 18:25

Instrument :

BNA_P

ClientSampleId :

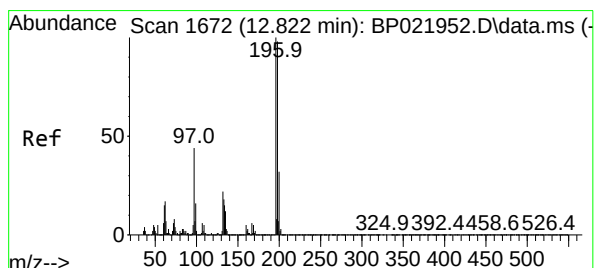
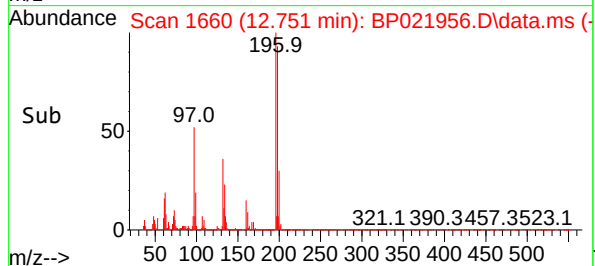
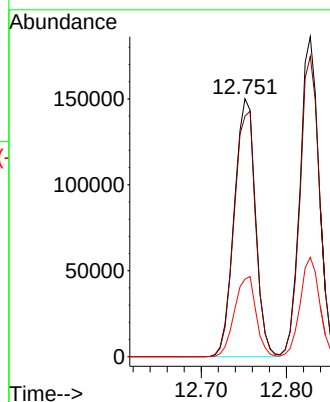
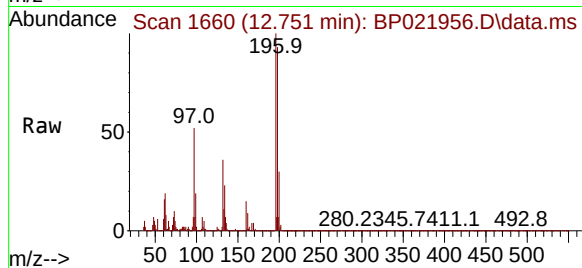
ICVBP091924

Tgt Ion:196	Resp: 259978
Ion Ratio	Lower Upper
196	100
198	93.2 77.6 116.4
200	30.1 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#44

2,4,5-Trichlorophenol

Concen: 40.069 ng

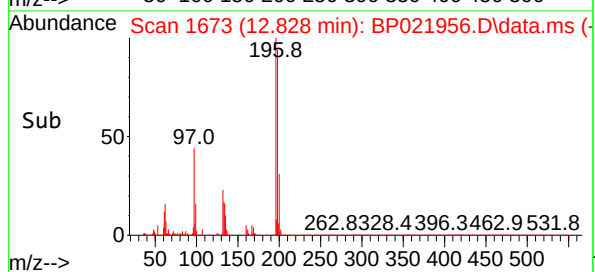
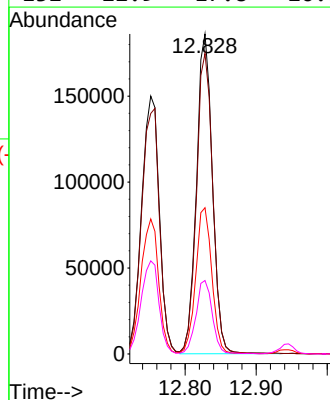
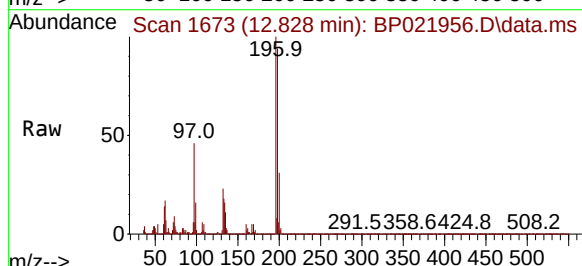
RT: 12.828 min Scan# 1673

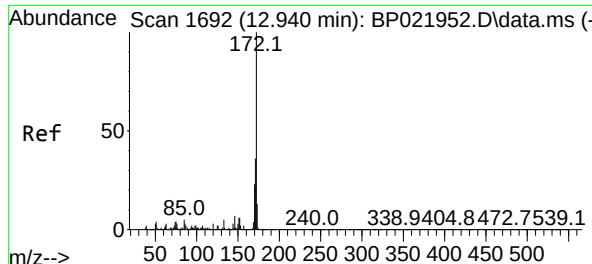
Delta R.T. 0.006 min

Lab File: BP021956.D

Acq: 19 Sep 2024 18:25

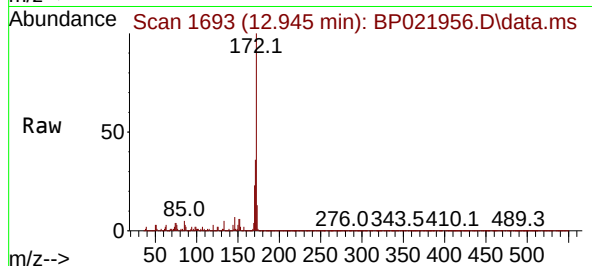
Tgt Ion:196	Resp: 290548
Ion Ratio	Lower Upper
196	100
198	93.9 78.2 117.4
97	45.7 35.0 52.4
132	22.9 17.8 26.8





#45
2-Fluorobiphenyl
Concen: 77.828 ng
RT: 12.945 min Scan# 1692
Delta R.T. 0.006 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

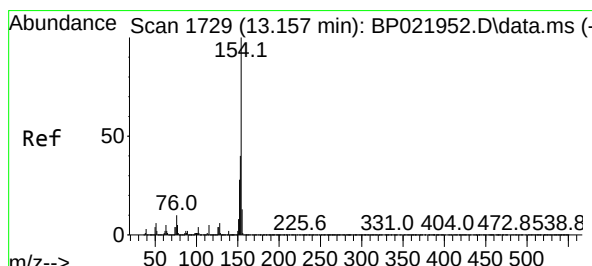
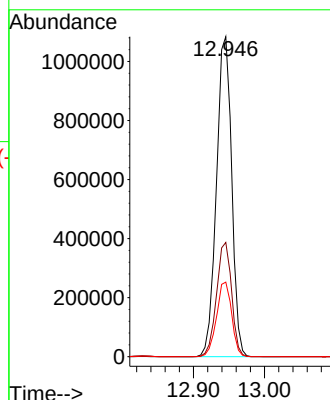
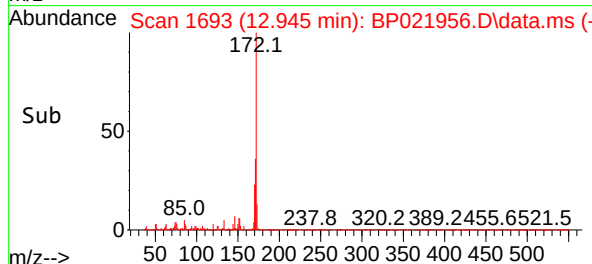
Instrument :
BNA_P
ClientSampleId :
ICVBP091924



Tgt Ion:172 Resp: 1604849
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.3 18.8 28.2

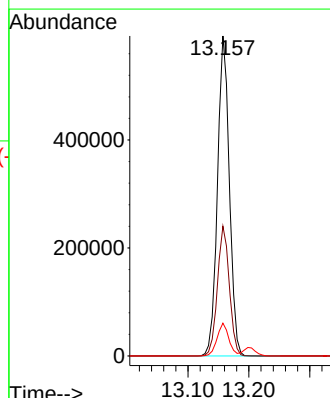
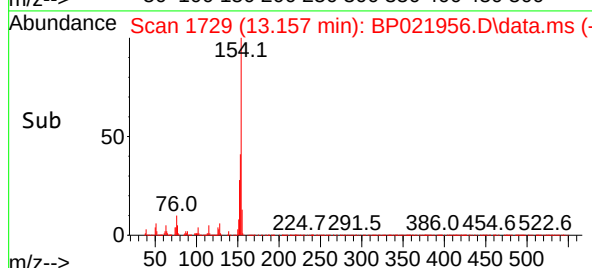
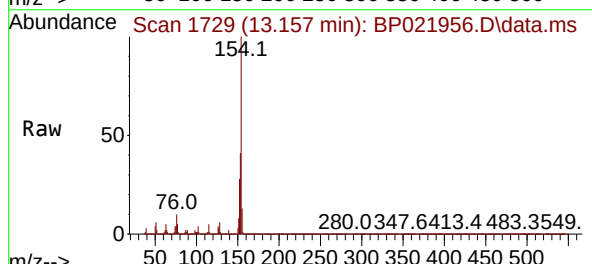
Manual Integrations
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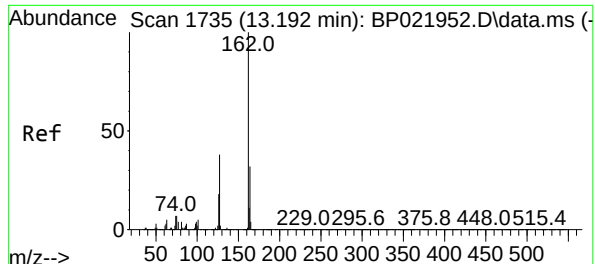
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#46
1,1'-Biphenyl
Concen: 38.916 ng
RT: 13.157 min Scan# 1729
Delta R.T. 0.000 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

Tgt Ion:154 Resp: 798716
Ion Ratio Lower Upper
154 100
153 40.6 20.2 60.2
76 10.2 0.0 29.9





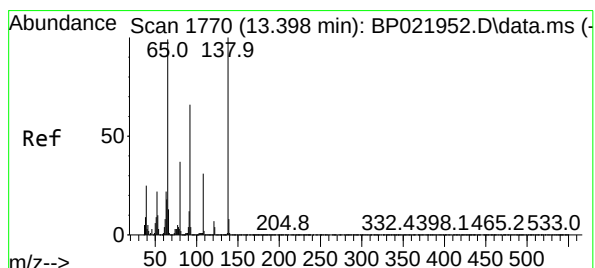
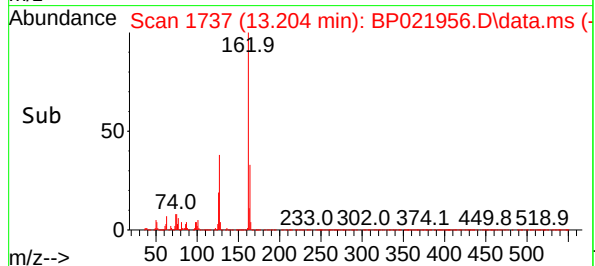
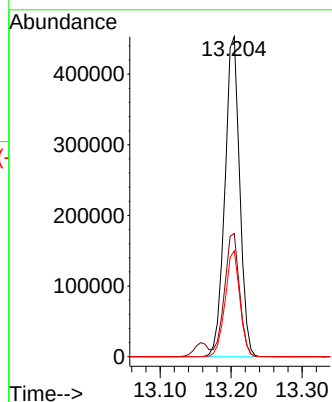
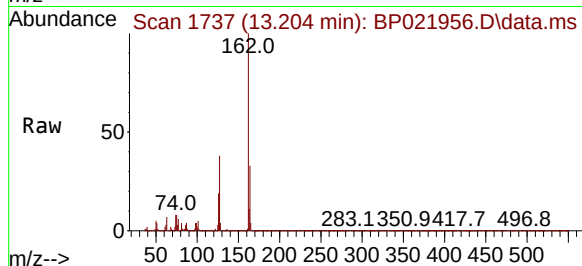
#47
2-Chloronaphthalene
Concen: 39.460 ng
RT: 13.204 min Scan# 1737
Delta R.T. 0.012 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

Instrument :
BNA_P
ClientSampleId :
ICVBP091924

Tgt Ion: 162 Resp: 65484
Ion Ratio Lower Upper
162 100
127 38.5 31.7 47.5
164 33.1 25.9 38.9

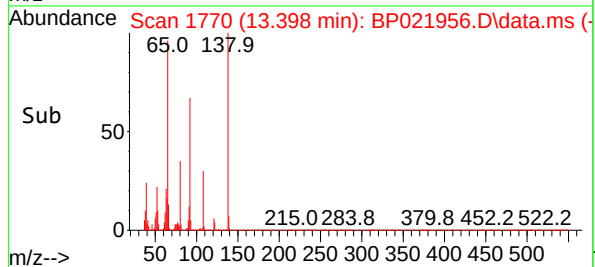
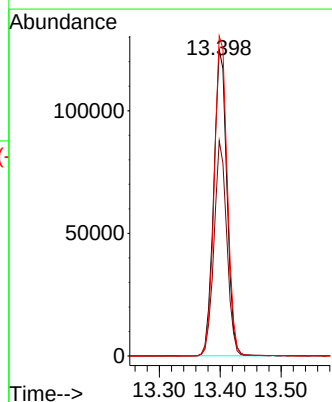
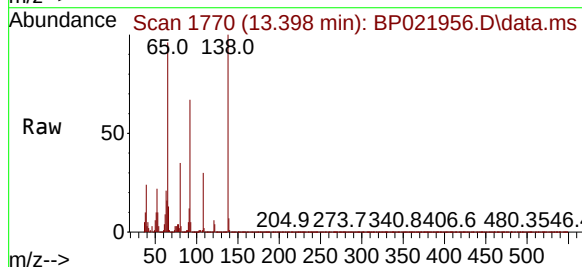
Manual Integrations
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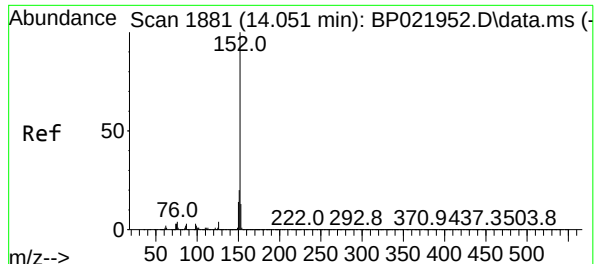
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#48
2-Nitroaniline
Concen: 41.476 ng
RT: 13.398 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

Tgt Ion: 65 Resp: 187951
Ion Ratio Lower Upper
65 100
92 70.3 53.2 79.8
138 104.5 81.1 121.7





#49

Acenaphthylene

Concen: 39.338 ng

RT: 14.051 min Scan# 1881

Delta R.T. 0.000 min

Lab File: BP021956.D

Acq: 19 Sep 2024 18:25

Instrument :

BNA_P

ClientSampleId :

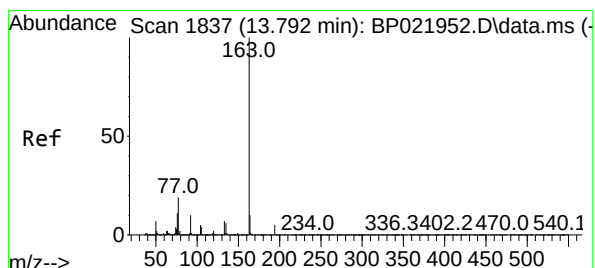
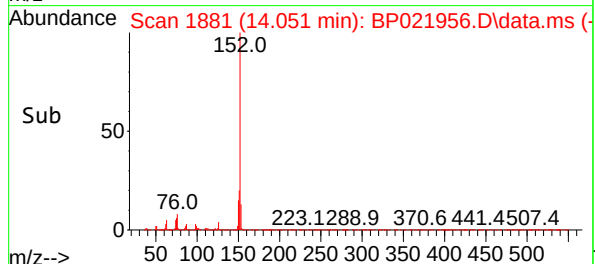
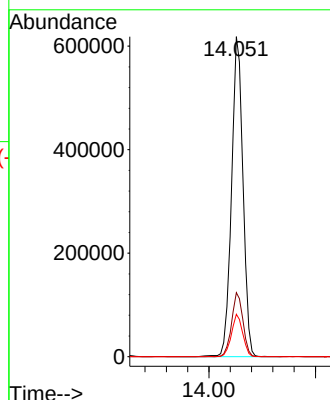
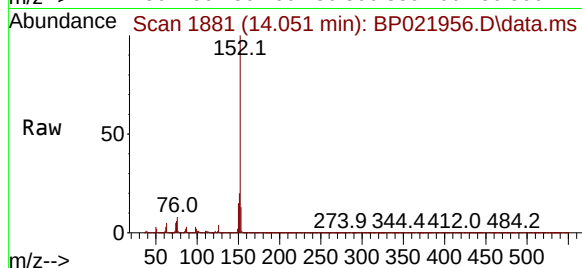
ICVBP091924

Tgt Ion:	152	Resp:	92119
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.0	24.0
153	13.2	10.8	16.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#50

Dimethylphthalate

Concen: 39.851 ng

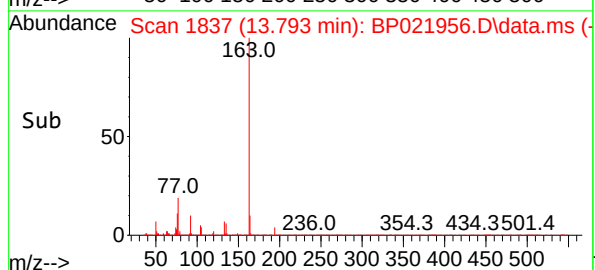
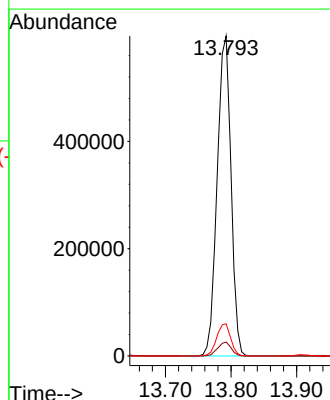
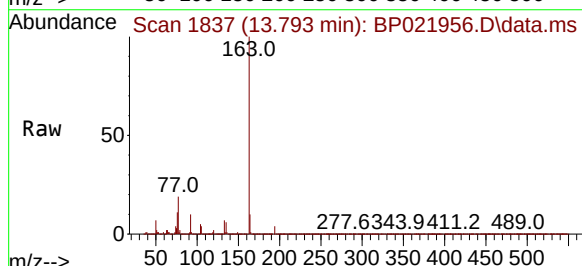
RT: 13.793 min Scan# 1837

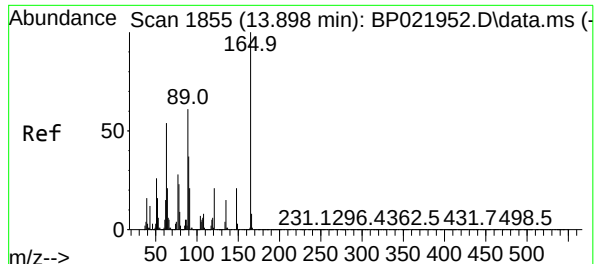
Delta R.T. 0.000 min

Lab File: BP021956.D

Acq: 19 Sep 2024 18:25

Tgt Ion:	163	Resp:	870013
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.6	5.4
164	10.1	8.0	12.0





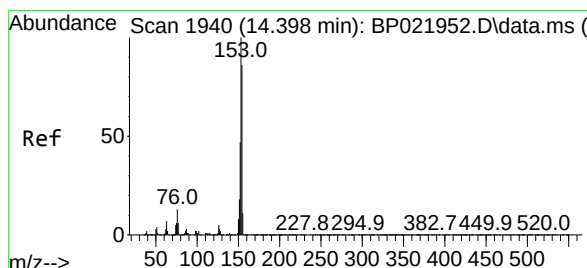
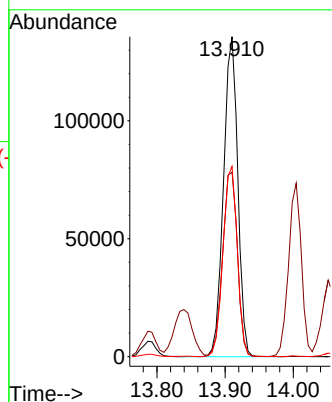
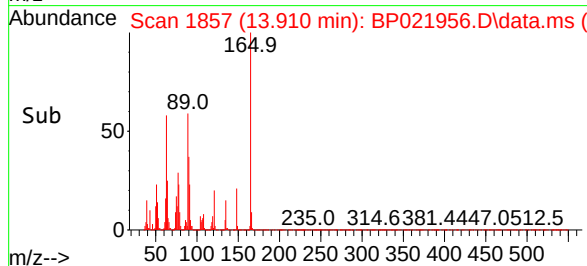
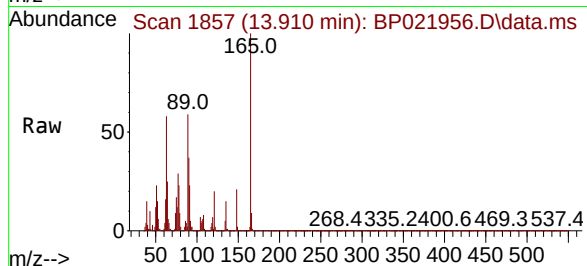
#51
2,6-Dinitrotoluene
Concen: 40.539 ng
RT: 13.910 min Scan# 1857
Delta R.T. 0.012 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

Instrument :
BNA_P
ClientSampleId :
ICVBP091924

Tgt Ion:165 Resp: 19721
Ion Ratio Lower Upper
165 100
63 57.7 46.4 69.6
89 59.4 48.5 72.7

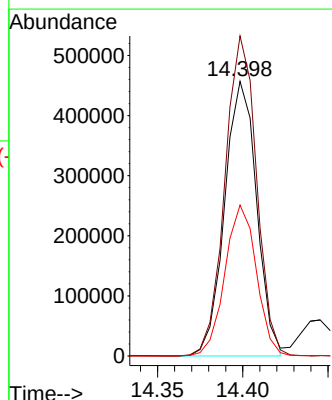
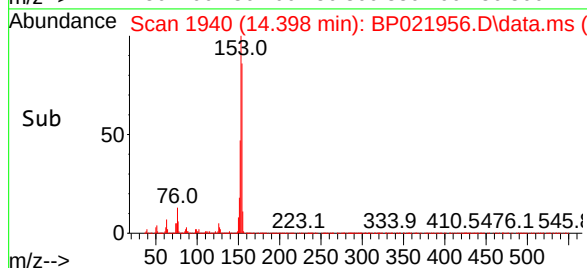
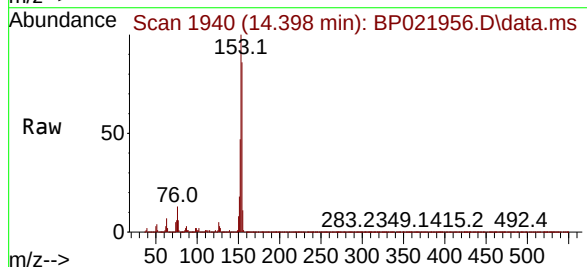
Manual Integrations
APPROVED

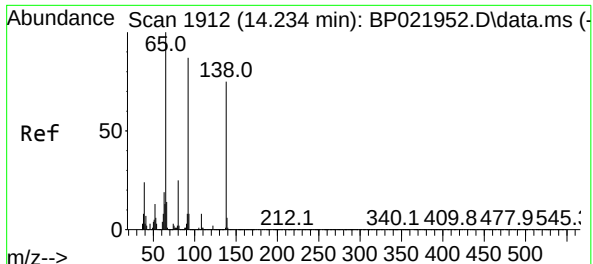
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#52
Acenaphthene
Concen: 39.066 ng
RT: 14.398 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

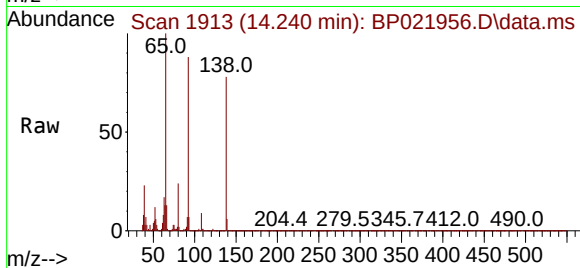
Tgt Ion:154 Resp: 595382
Ion Ratio Lower Upper
154 100
153 116.5 92.7 139.1
152 54.9 43.6 65.4





#53
3-Nitroaniline
Concen: 40.571 ng
RT: 14.240 min Scan# 1912
Delta R.T. 0.006 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

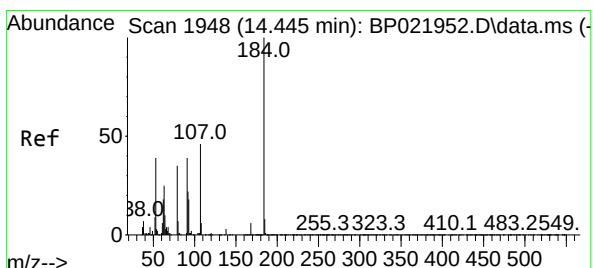
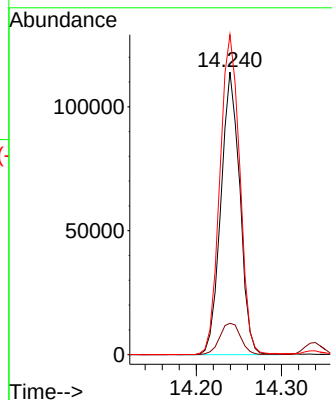
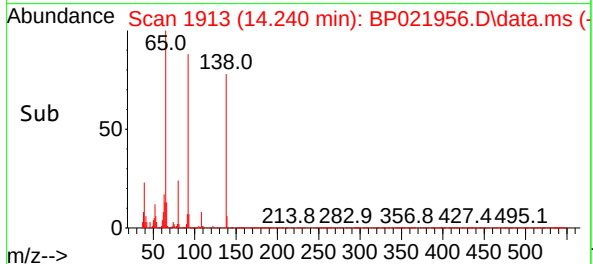
Instrument :
BNA_P
ClientSampleId :
ICVBP091924



Tgt Ion:138 Resp: 17589
Ion Ratio Lower Upper
138 100
108 11.1 9.0 13.4
92 113.3 92.8 139.2

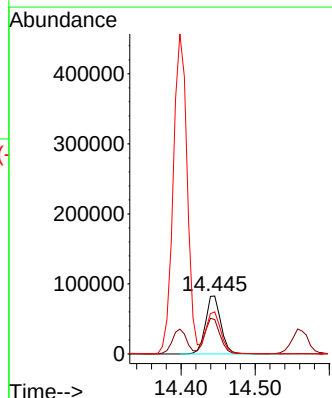
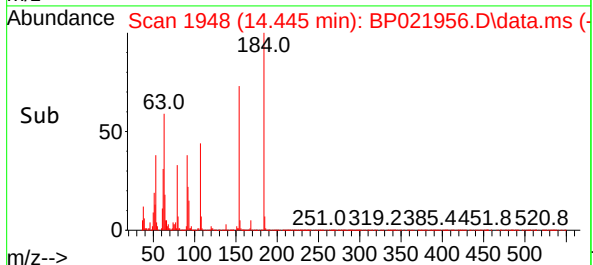
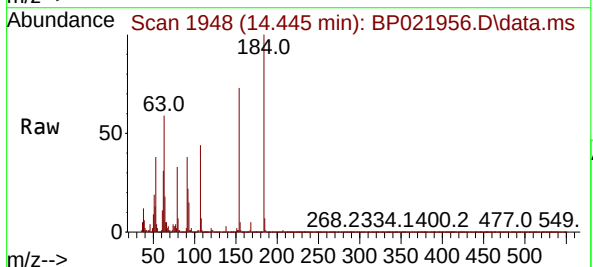
Manual Integrations
APPROVED

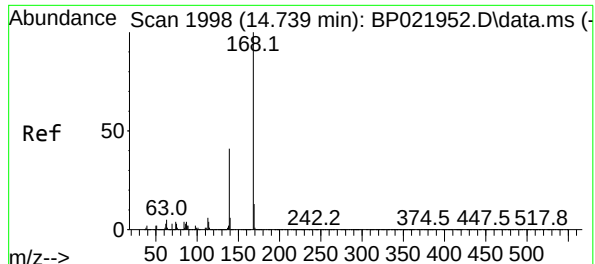
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#54
2,4-Dinitrophenol
Concen: 41.913 ng
RT: 14.445 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

Tgt Ion:184 Resp: 119466
Ion Ratio Lower Upper
184 100
63 59.3 49.0 73.6
154 72.5 58.1 87.1





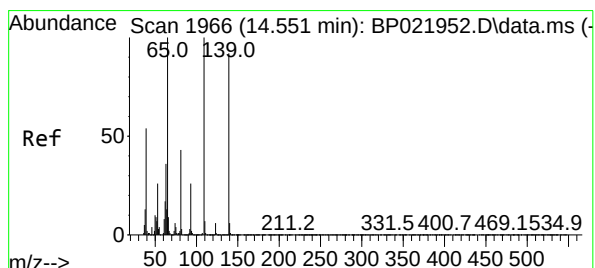
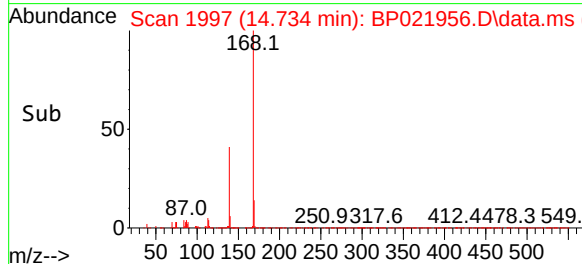
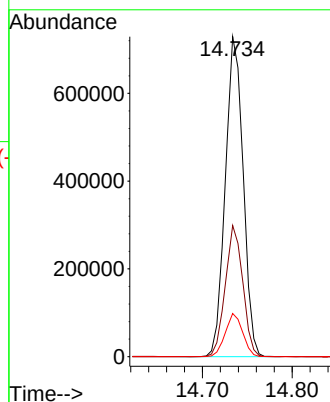
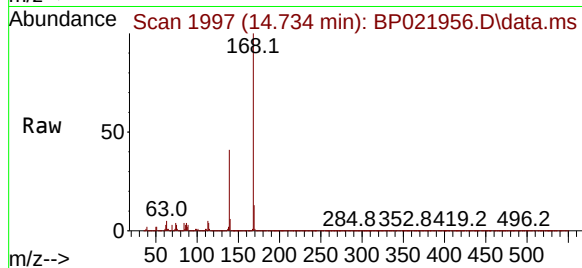
#55
Dibenzenofuran
Concen: 39.346 ng
RT: 14.734 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

Instrument :
BNA_P
ClientSampleId :
ICVBP091924

Tgt Ion:168 Resp: 1007930
Ion Ratio Lower Upper
168 100
139 41.0 33.0 49.4
169 13.5 10.7 16.1

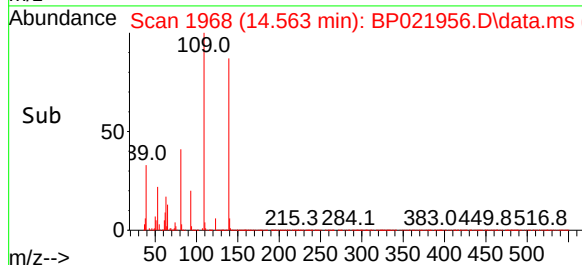
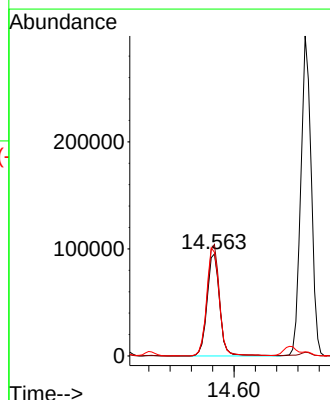
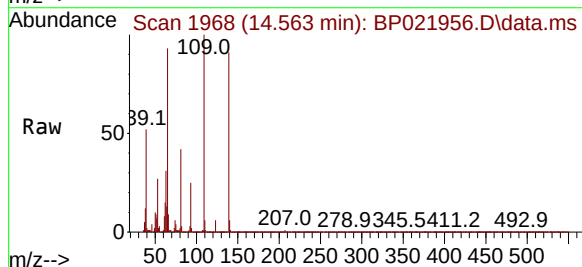
Manual Integrations
APPROVED

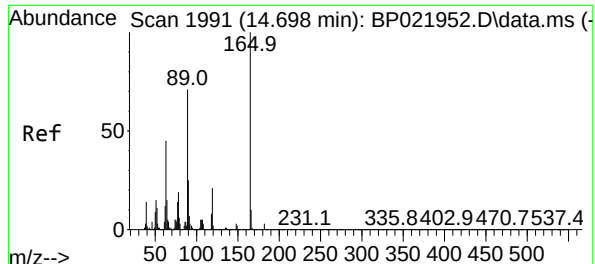
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#56
4-Nitrophenol
Concen: 41.208 ng
RT: 14.563 min Scan# 1968
Delta R.T. 0.012 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

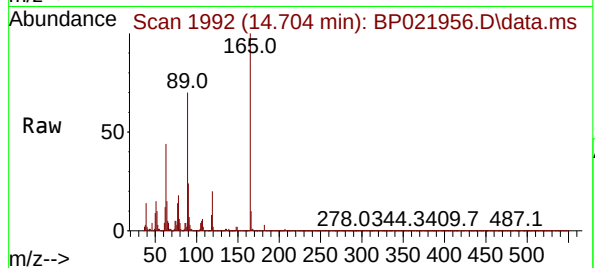
Tgt Ion:139 Resp: 155510
Ion Ratio Lower Upper
139 100
109 109.4 88.6 128.6
65 101.7 88.7 128.7





#57
2,4-Dinitrotoluene
Concen: 41.226 ng
RT: 14.704 min Scan# 1991
Delta R.T. 0.006 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

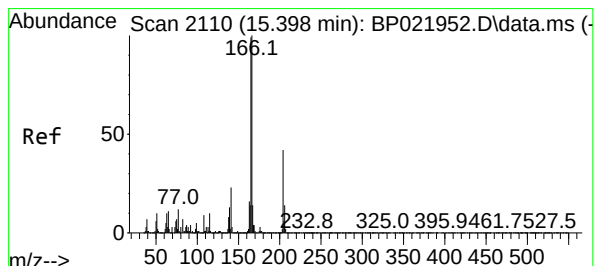
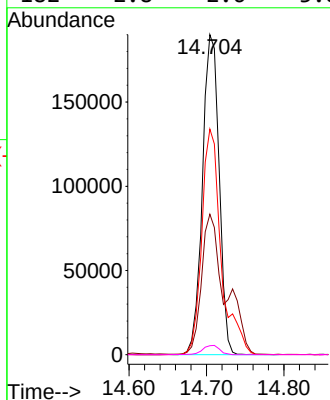
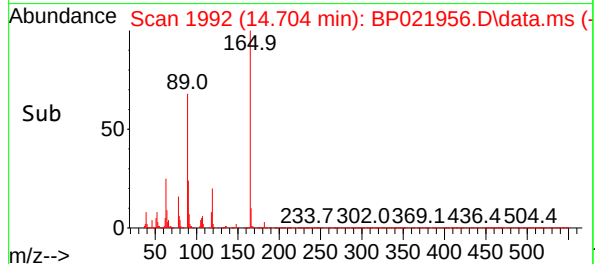
Instrument :
BNA_P
ClientSampleId :
ICVBP091924



Tgt Ion:165 Resp: 28351
Ion Ratio Lower Upper
165 100
63 43.9 36.3 54.5
89 70.5 57.2 85.8
182 2.8 2.6 3.8

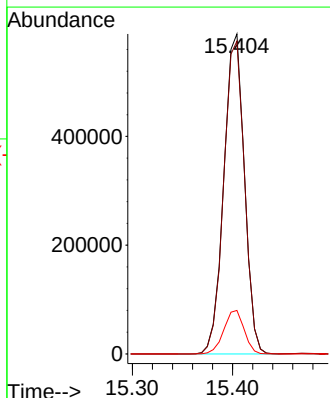
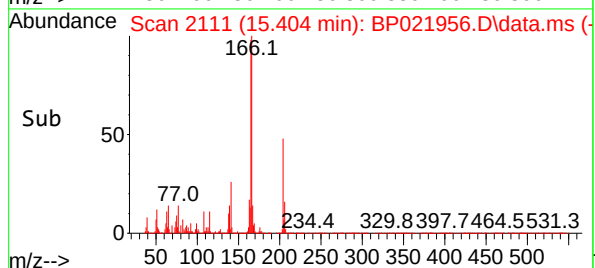
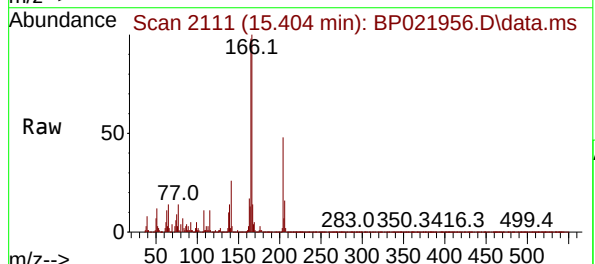
Manual Integrations
APPROVED

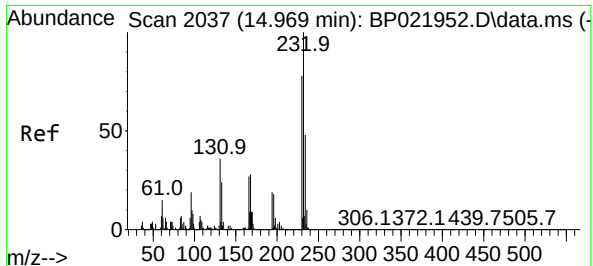
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#58
Fluorene
Concen: 39.205 ng
RT: 15.404 min Scan# 2111
Delta R.T. 0.006 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

Tgt Ion:166 Resp: 838709
Ion Ratio Lower Upper
166 100
165 97.7 79.4 119.2
167 13.6 10.9 16.3





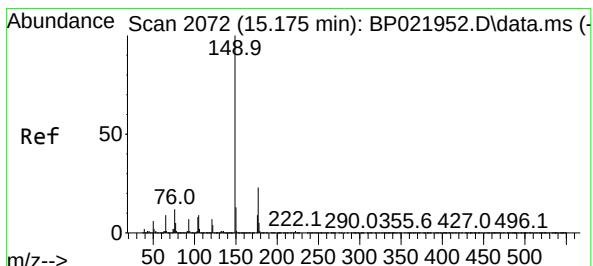
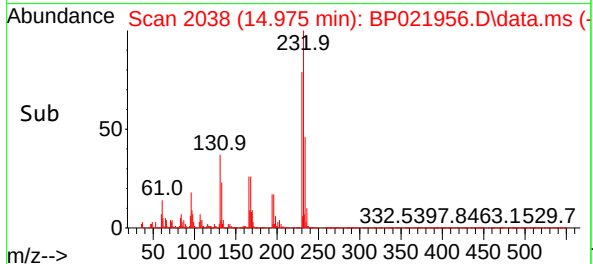
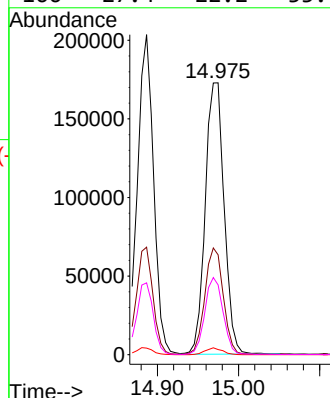
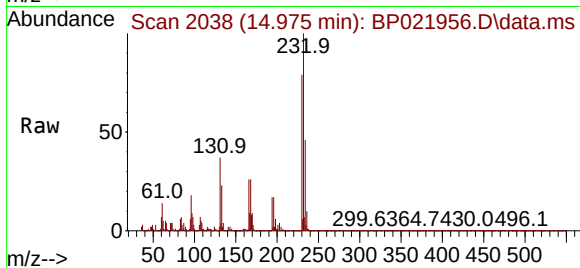
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.794 ng
RT: 14.975 min Scan# 2038
Delta R.T. 0.006 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

Instrument :
BNA_P
ClientSampleId :
ICVBP091924

Tgt Ion:232 Resp: 27848
Ion Ratio Lower Upper
232 100
131 38.5 30.2 45.4
130 2.3 1.9 2.9
166 27.4 22.2 33.4

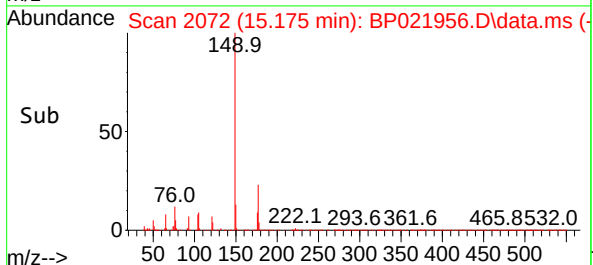
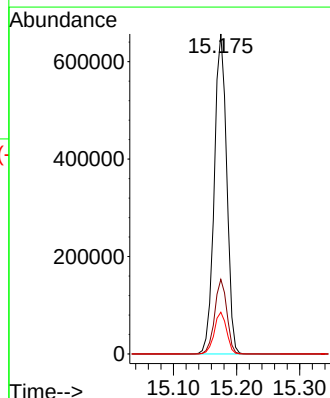
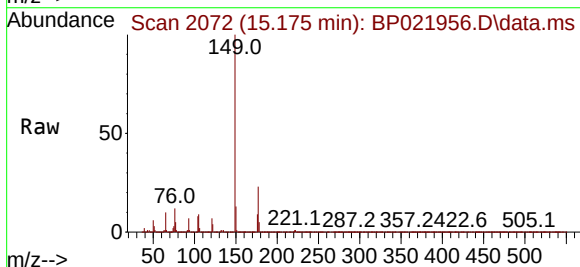
Manual Integrations
APPROVED

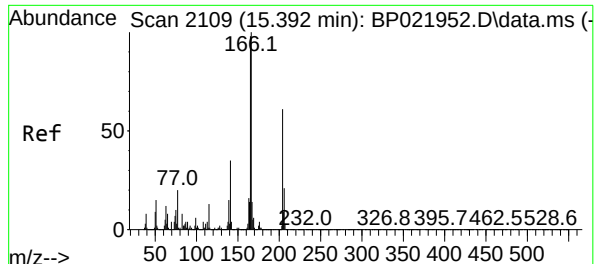
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#60
Diethylphthalate
Concen: 40.374 ng
RT: 15.175 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

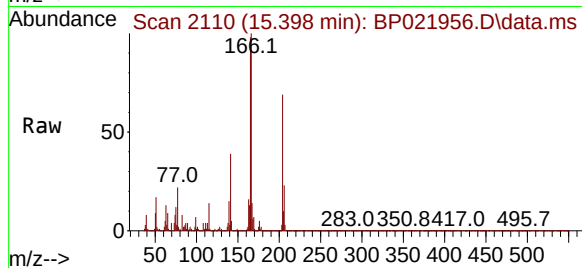
Tgt Ion:149 Resp: 895684
Ion Ratio Lower Upper
149 100
177 23.3 18.2 27.4
150 13.0 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 39.472 ng
RT: 15.398 min Scan# 2110
Delta R.T. 0.006 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

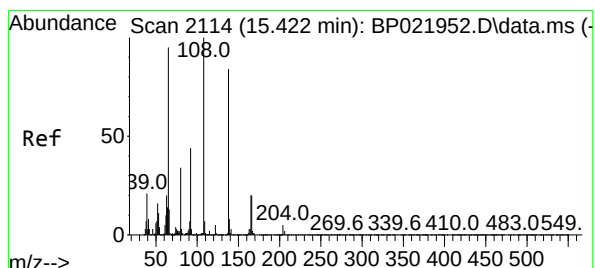
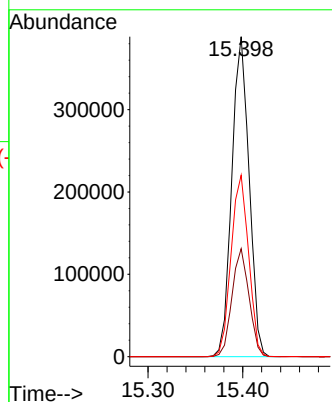
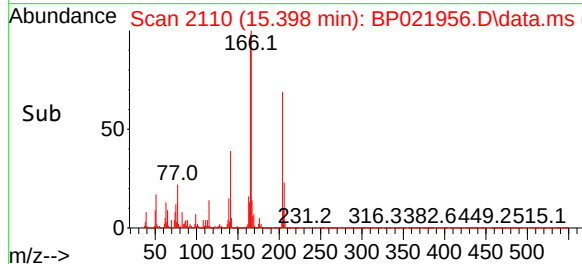
Instrument :
BNA_P
ClientSampleId :
ICVBP091924



Tgt Ion:204 Resp: 491610
Ion Ratio Lower Upper
204 100
206 33.8 27.3 40.9
141 56.7 45.7 68.5

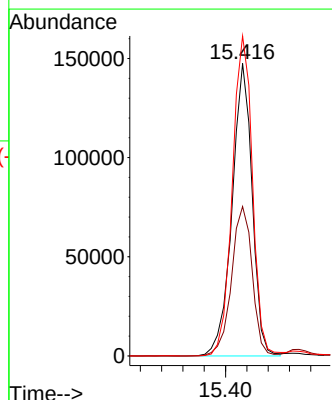
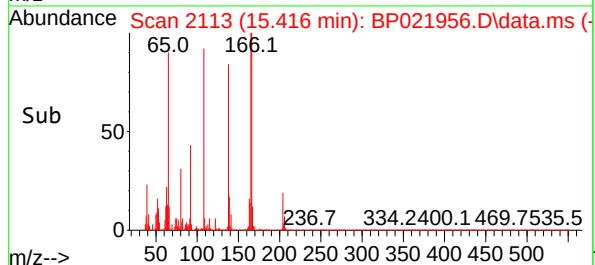
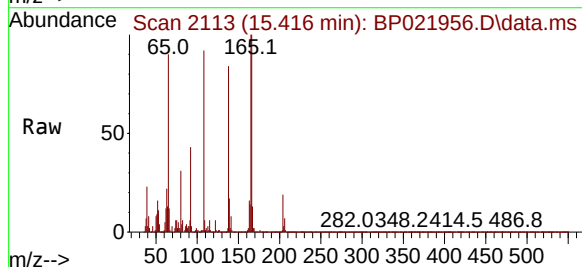
Manual Integrations
APPROVED

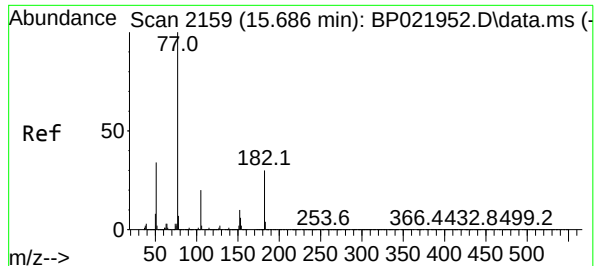
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#62
4-Nitroaniline
Concen: 40.580 ng
RT: 15.416 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

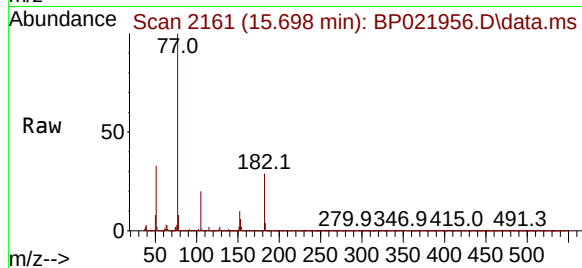
Tgt Ion:138 Resp: 193463
Ion Ratio Lower Upper
138 100
92 51.1 32.6 72.6
108 109.4 98.6 138.6





#63
Azobenzene
Concen: 39.347 ng
RT: 15.698 min Scan# 2159
Delta R.T. 0.012 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

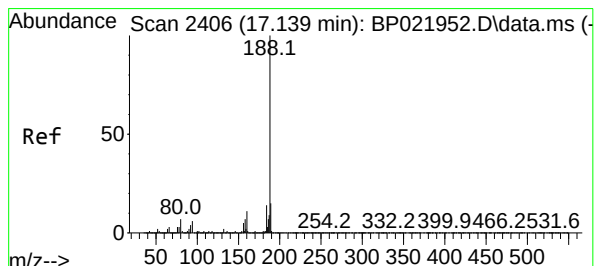
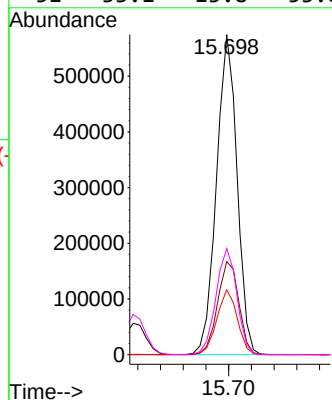
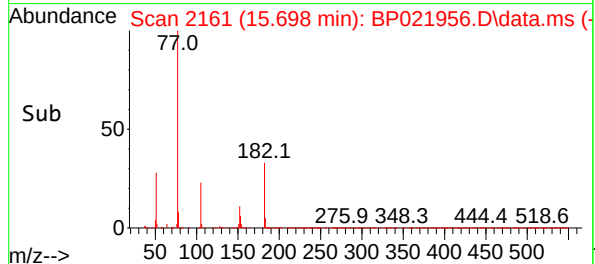
Instrument :
BNA_P
ClientSampleId :
ICVBP091924



Tgt Ion: 77 Resp: 722345
Ion Ratio Lower Upper
77 100
182 29.1 9.6 49.6
105 20.2 0.0 39.8
51 33.1 13.8 53.8

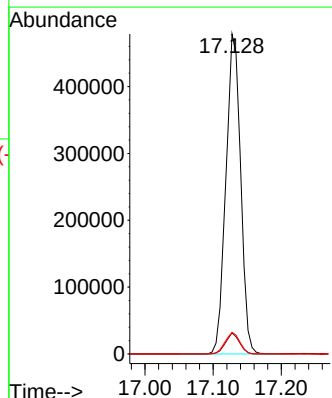
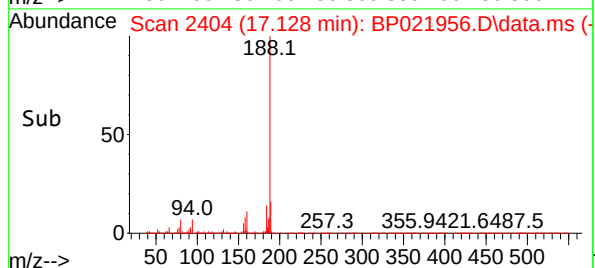
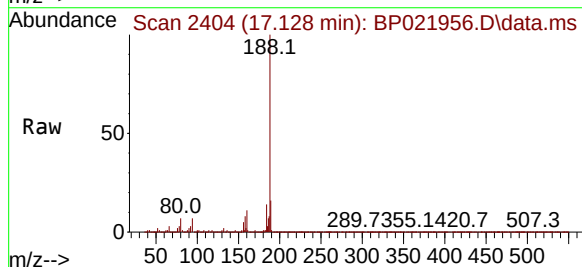
Manual Integrations
APPROVED

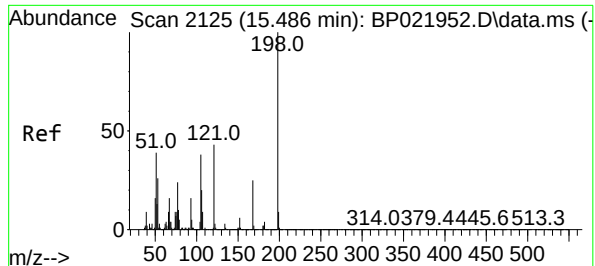
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.128 min Scan# 2404
Delta R.T. -0.012 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

Tgt Ion:188 Resp: 719896
Ion Ratio Lower Upper
188 100
94 6.6 4.6 6.8
80 6.8 5.4 8.2





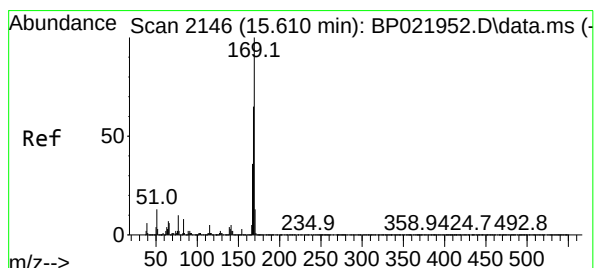
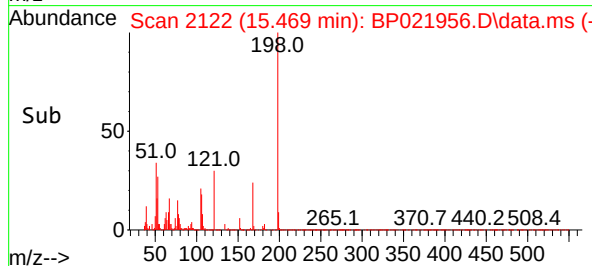
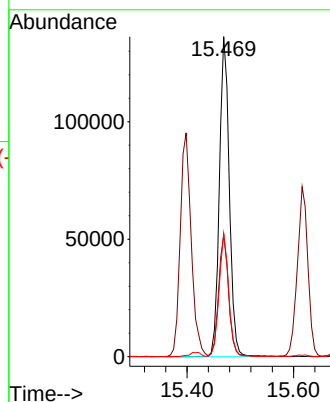
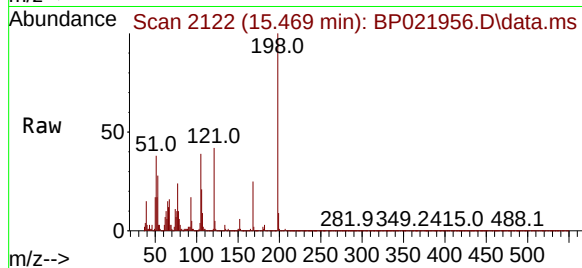
#65
4,6-Dinitro-2-methylphenol
Concen: 42.104 ng
RT: 15.469 min Scan# 2118
Delta R.T. -0.018 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

Instrument :
BNA_P
ClientSampleId :
ICVBP091924

Tgt Ion:198 Resp: 175680
Ion Ratio Lower Upper
198 100
51 38.1 20.7 60.7
105 38.5 18.4 58.4

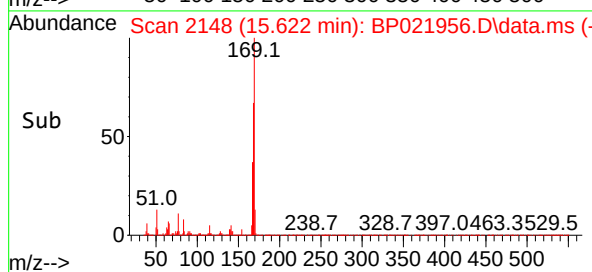
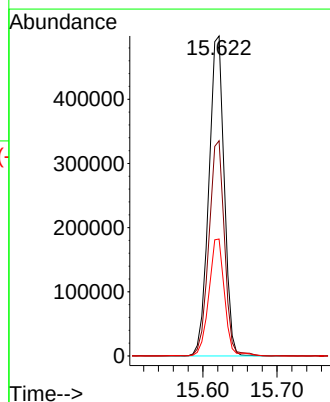
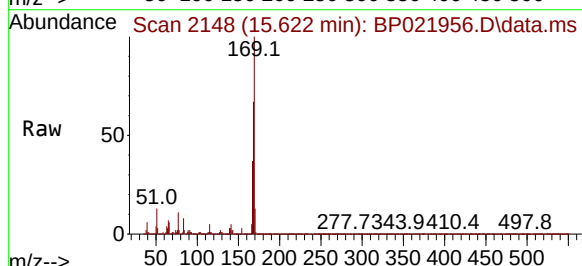
Manual Integrations
APPROVED

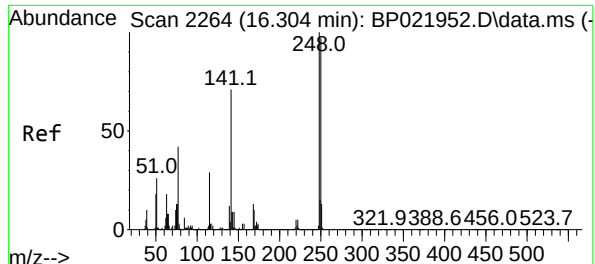
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#66
n-Nitrosodiphenylamine
Concen: 40.122 ng
RT: 15.622 min Scan# 2148
Delta R.T. 0.012 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

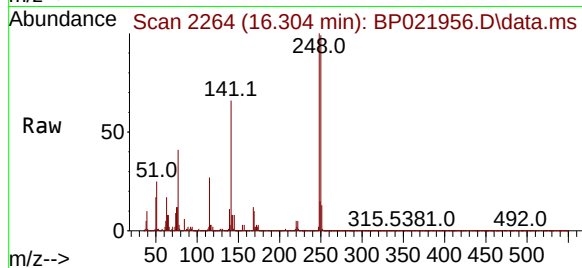
Tgt Ion:169 Resp: 719192
Ion Ratio Lower Upper
169 100
168 67.3 52.2 78.4
167 36.6 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 40.562 ng
RT: 16.304 min Scan# 2264
Delta R.T. 0.000 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

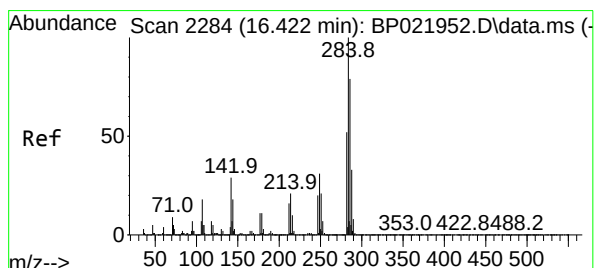
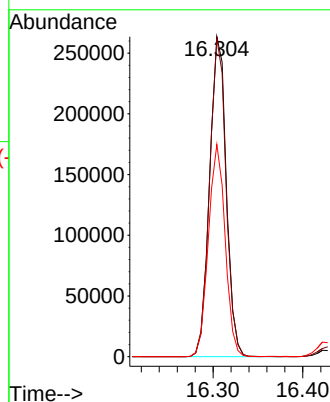
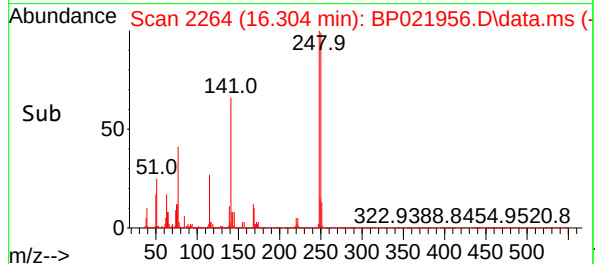
Instrument :
BNA_P
ClientSampleId :
ICVBP091924



Tgt Ion:248 Resp: 340390
Ion Ratio Lower Upper
248 100
250 99.4 77.5 116.3
141 66.3 56.5 84.7

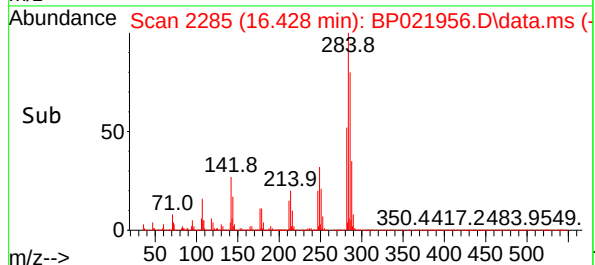
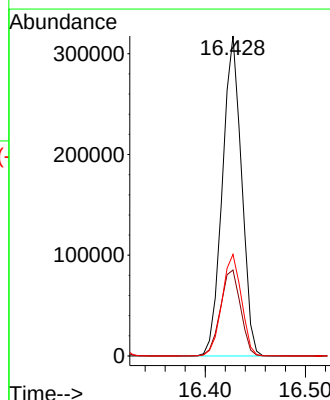
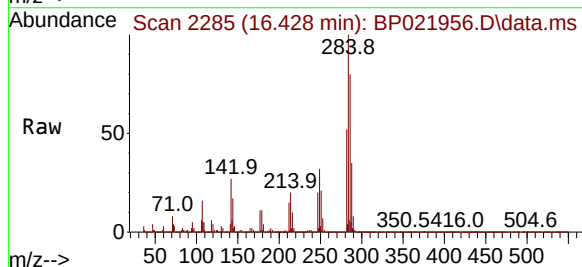
Manual Integrations
APPROVED

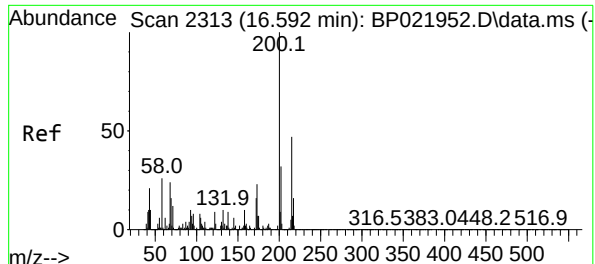
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#68
Hexachlorobenzene
Concen: 40.247 ng
RT: 16.428 min Scan# 2285
Delta R.T. 0.006 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

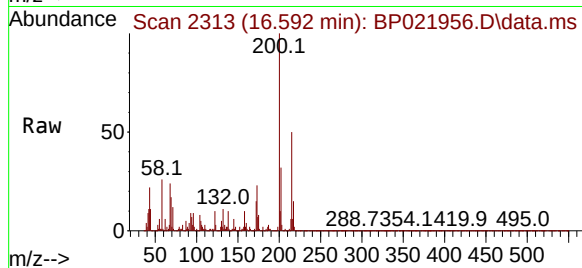
Tgt Ion:284 Resp: 421096
Ion Ratio Lower Upper
284 100
142 26.8 22.9 34.3
249 31.8 25.2 37.8





#69
Atrazine
Concen: 35.859 ng
RT: 16.592 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

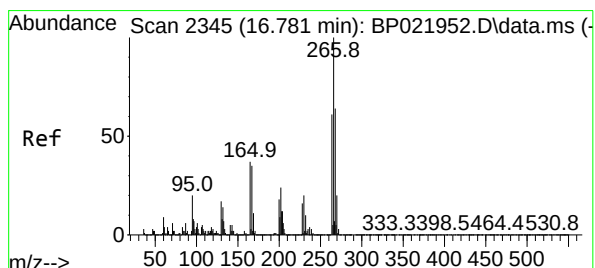
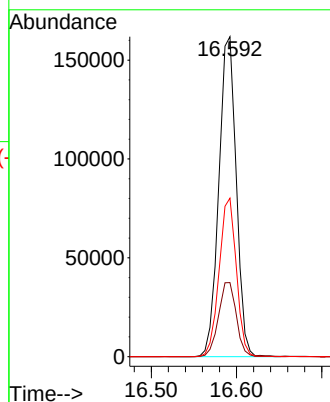
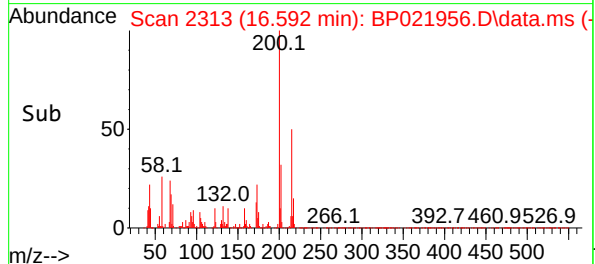
Instrument :
BNA_P
ClientSampleId :
ICVBP091924



Tgt Ion:200 Resp: 230304
Ion Ratio Lower Upper
200 100
173 23.1 3.0 43.0
215 49.5 27.4 67.4

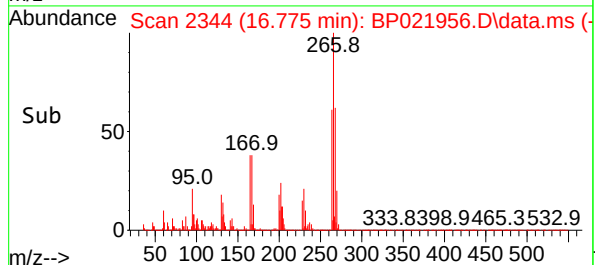
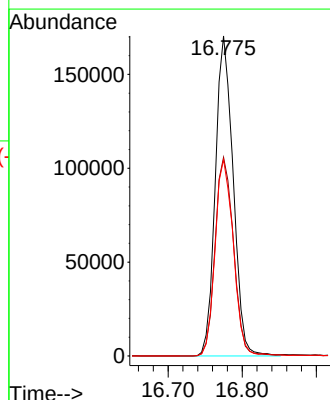
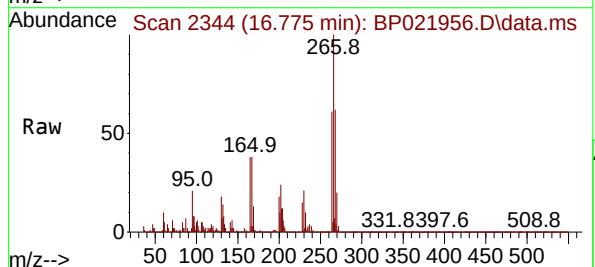
Manual Integrations
APPROVED

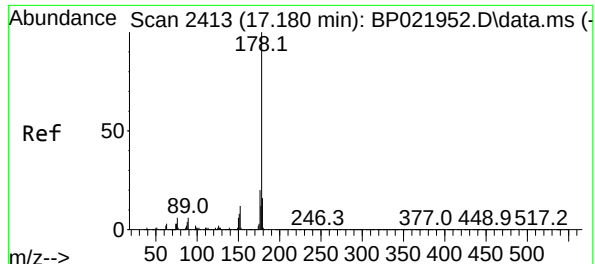
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#70
Pentachlorophenol
Concen: 40.450 ng
RT: 16.775 min Scan# 2344
Delta R.T. -0.006 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

Tgt Ion:266 Resp: 284733
Ion Ratio Lower Upper
266 100
268 62.1 51.1 76.7
264 61.4 48.6 72.8





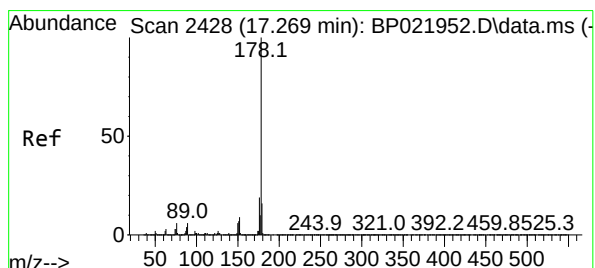
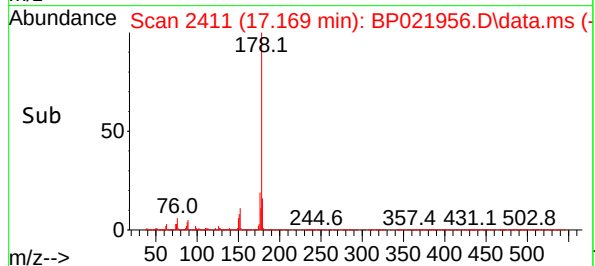
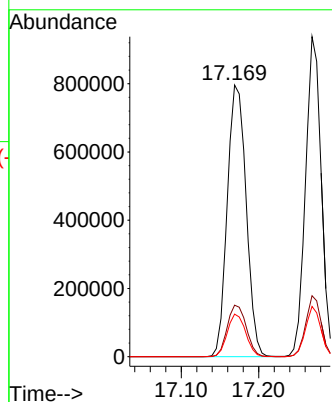
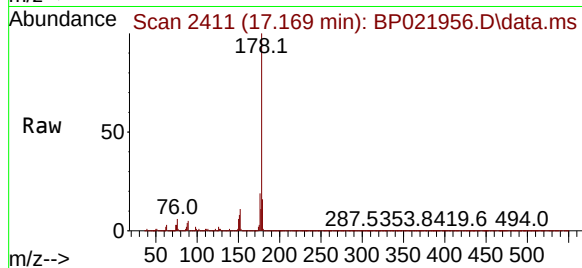
#71
Phenanthrene
Concen: 39.089 ng
RT: 17.169 min Scan# 2411
Delta R.T. -0.012 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

Instrument :
BNA_P
ClientSampleId :
ICVBP091924

Tgt Ion:178 Resp: 135083
Ion Ratio Lower Upper
178 100
176 18.9 15.9 23.9
179 15.7 12.5 18.7

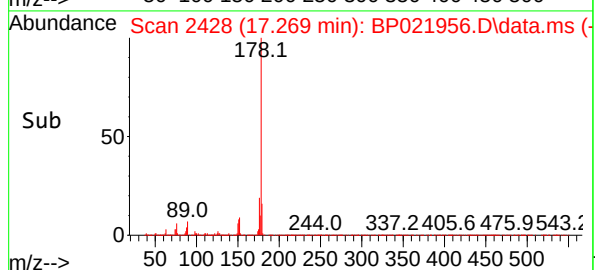
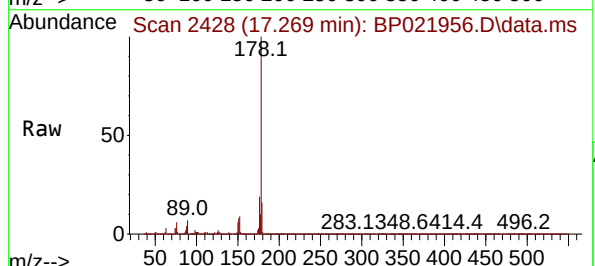
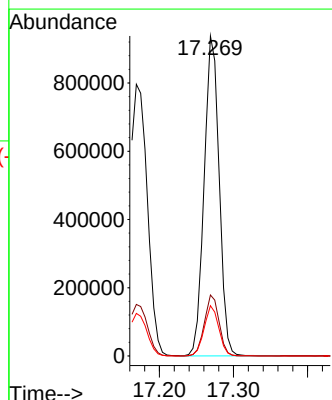
Manual Integrations
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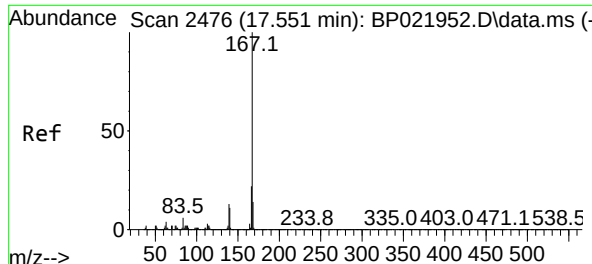
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#72
Anthracene
Concen: 39.418 ng
RT: 17.269 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

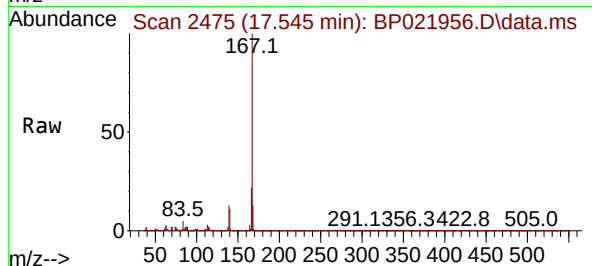
Tgt Ion:178 Resp: 1318636
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 15.7 12.6 18.8





#73
Carbazole
Concen: 39.988 ng
RT: 17.545 min Scan# 2476
Delta R.T. -0.006 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

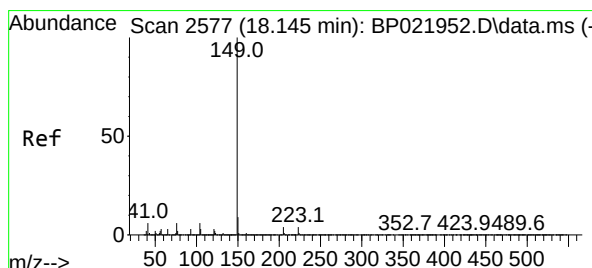
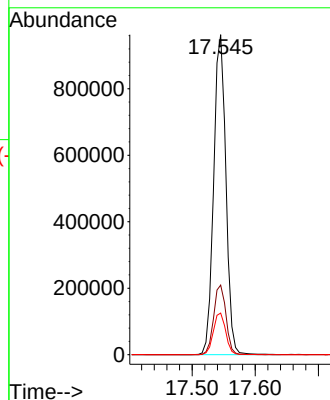
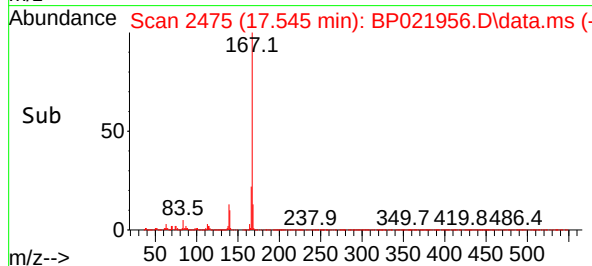
Instrument :
BNA_P
ClientSampleId :
ICVBP091924



Tgt Ion:167 Resp: 129201
Ion Ratio Lower Upper
167 100
166 21.7 17.4 26.0
139 13.0 10.5 15.7

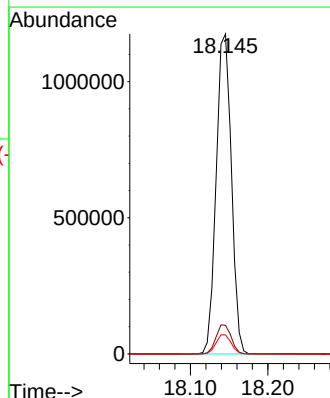
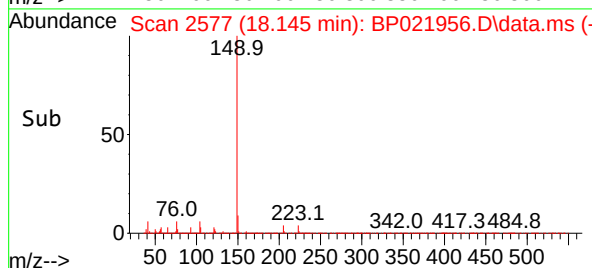
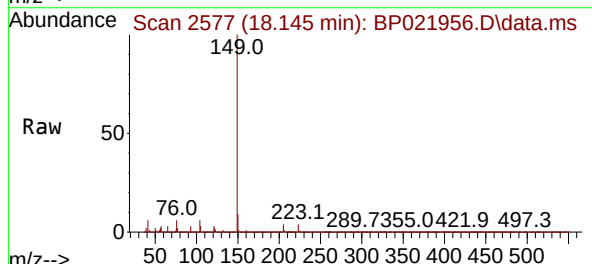
Manual Integrations
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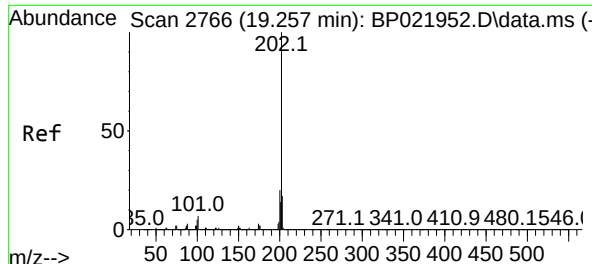
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#74
Di-n-butylphthalate
Concen: 42.142 ng
RT: 18.145 min Scan# 2577
Delta R.T. 0.000 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

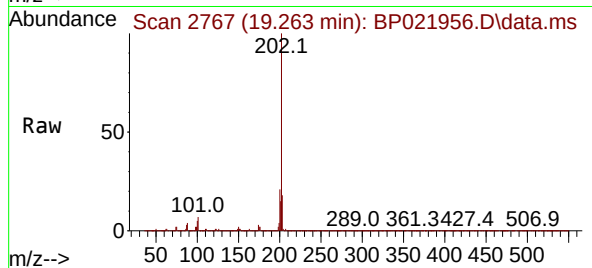
Tgt Ion:149 Resp: 1599157
Ion Ratio Lower Upper
149 100
150 9.0 7.3 10.9
104 5.9 4.6 6.8





#75
Fluoranthene
Concen: 40.668 ng
RT: 19.263 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

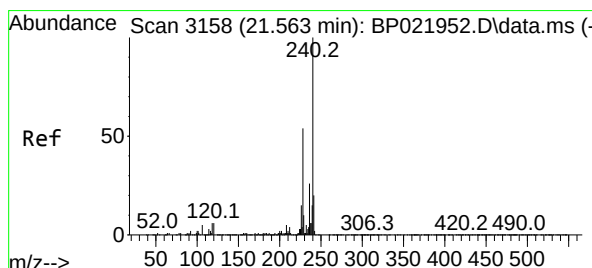
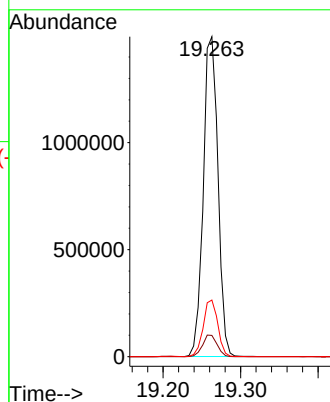
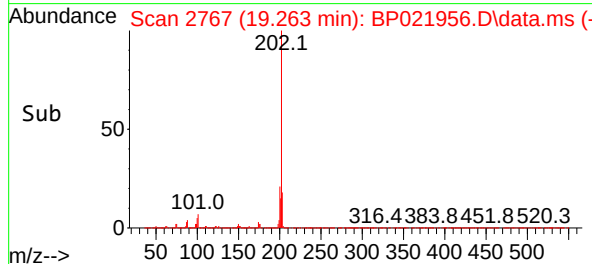
Instrument :
BNA_P
ClientSampleId :
ICVBP091924



Tgt Ion:202 Resp: 196165
Ion Ratio Lower Upper
202 100
101 6.6 0.0 26.5
203 17.7 0.0 37.3

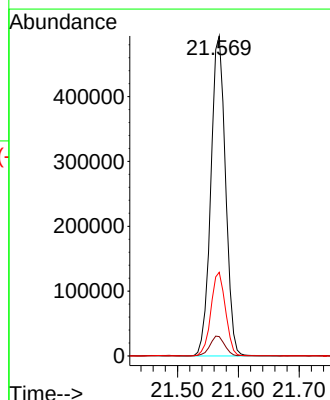
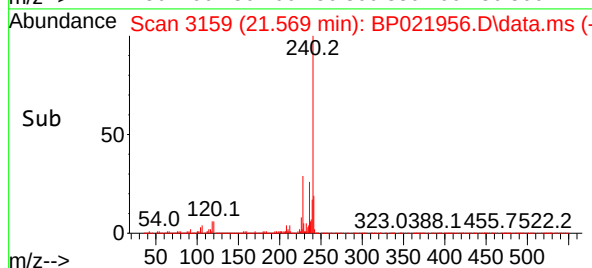
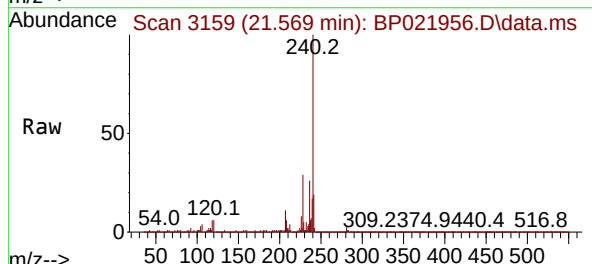
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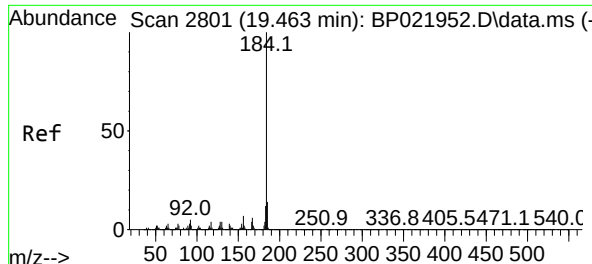
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.569 min Scan# 3159
Delta R.T. 0.006 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

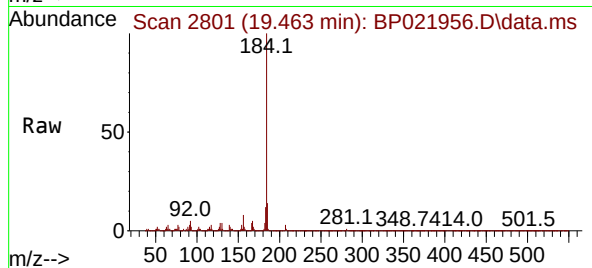
Tgt Ion:240 Resp: 826145
Ion Ratio Lower Upper
240 100
120 6.0 5.1 7.7
236 26.2 20.7 31.1





#77
Benzidine
Concen: 57.157 ng
RT: 19.463 min Scan# 2801
Delta R.T. 0.000 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

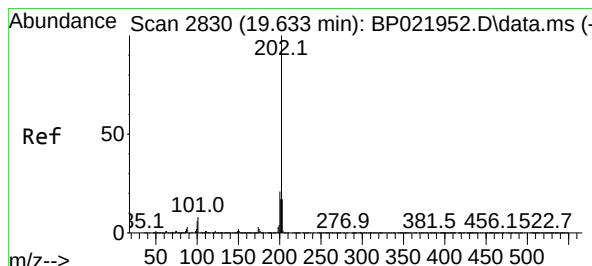
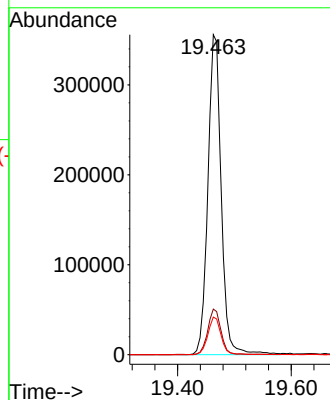
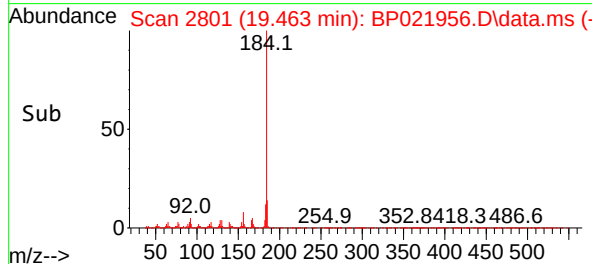
Instrument :
BNA_P
ClientSampleId :
ICVBP091924



Tgt Ion:184 Resp: 577048
Ion Ratio Lower Upper
184 100
185 14.2 10.9 16.3
183 11.7 9.2 13.8

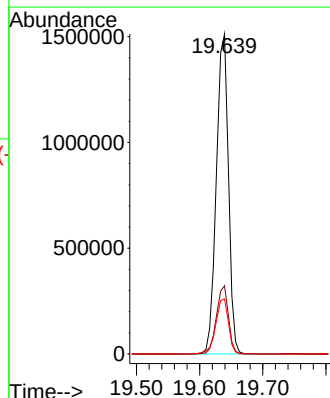
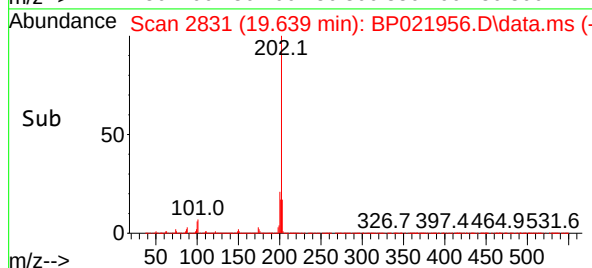
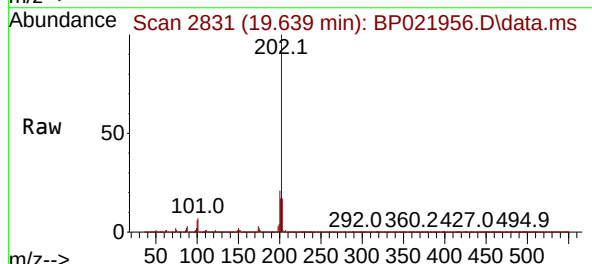
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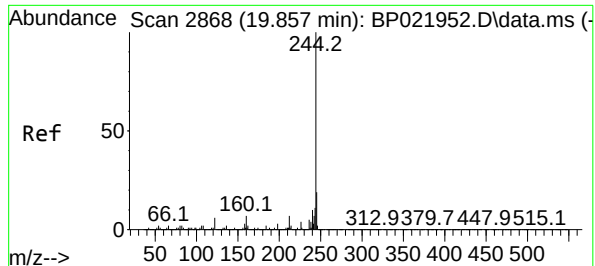
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#78
Pyrene
Concen: 40.184 ng
RT: 19.639 min Scan# 2831
Delta R.T. 0.006 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

Tgt Ion:202 Resp: 2008291
Ion Ratio Lower Upper
202 100
200 21.3 16.8 25.2
203 17.2 13.8 20.8





#79

Terphenyl-d14

Concen: 81.703 ng

RT: 19.863 min Scan# 2869

Delta R.T. 0.006 min

Lab File: BP021956.D

Acq: 19 Sep 2024 18:25

Instrument :

BNA_P

ClientSampleId :

ICVBP091924

Tgt Ion:244 Resp: 359323

Ion Ratio Lower Upper

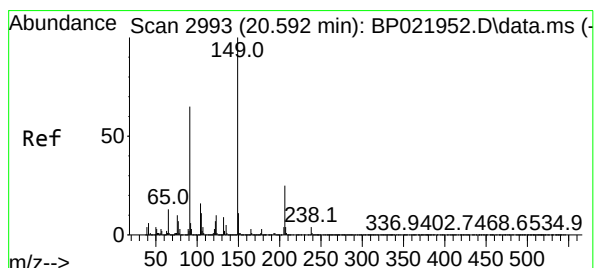
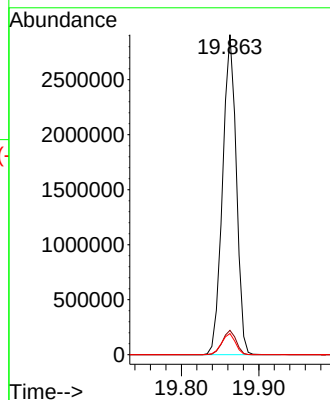
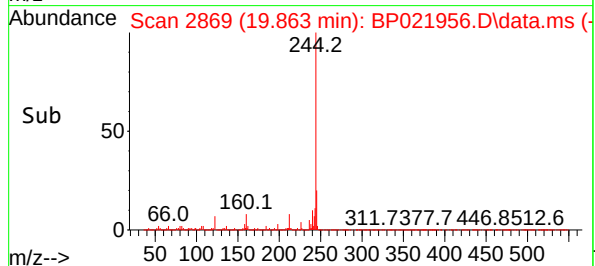
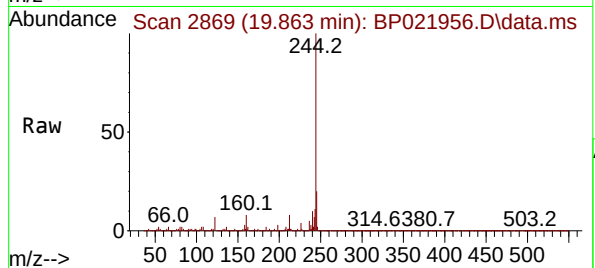
244 100

212 7.6 6.0 9.0

122 6.6 5.0 7.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#80

Butylbenzylphthalate

Concen: 43.953 ng

RT: 20.592 min Scan# 2993

Delta R.T. 0.000 min

Lab File: BP021956.D

Acq: 19 Sep 2024 18:25

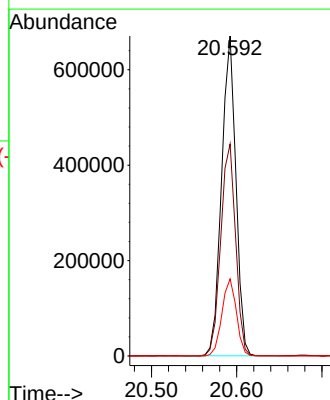
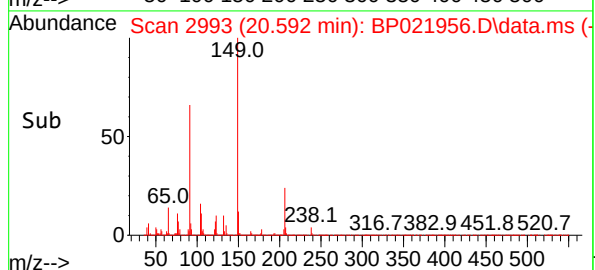
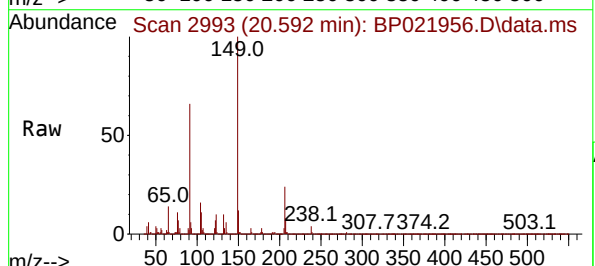
Tgt Ion:149 Resp: 783458

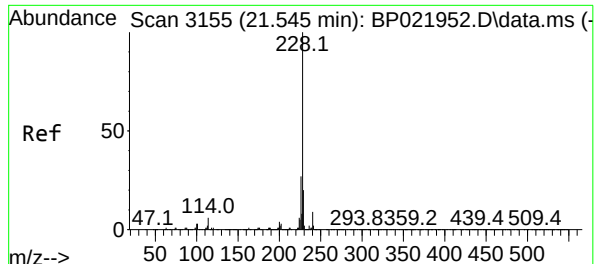
Ion Ratio Lower Upper

149 100

91 66.3 51.9 77.9

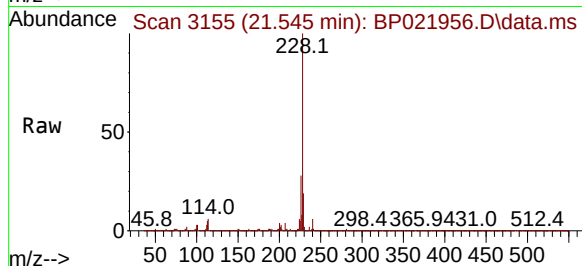
206 24.1 20.1 30.1





#81
Benzo(a)anthracene
Concen: 40.503 ng
RT: 21.545 min Scan# 3155
Delta R.T. 0.000 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

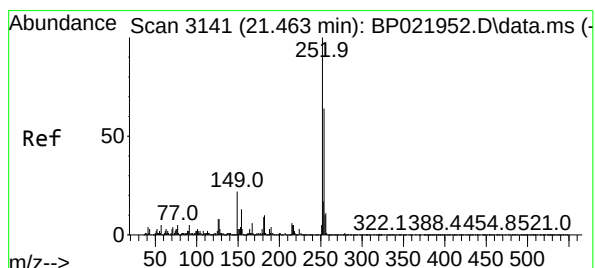
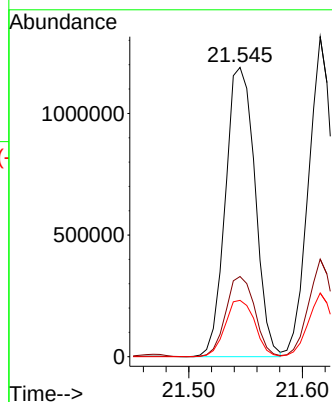
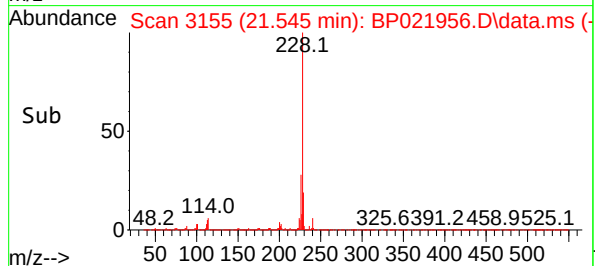
Instrument :
BNA_P
ClientSampleId :
ICVBP091924



Tgt Ion:228 Resp: 2150138
Ion Ratio Lower Upper
228 100
226 27.7 21.5 32.3
229 19.5 15.7 23.5

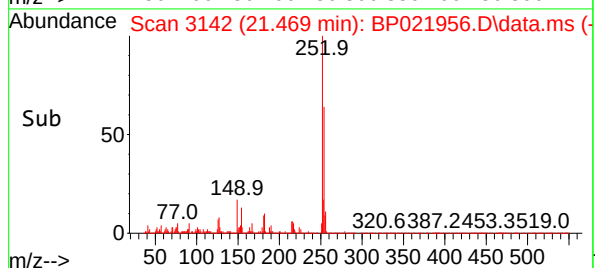
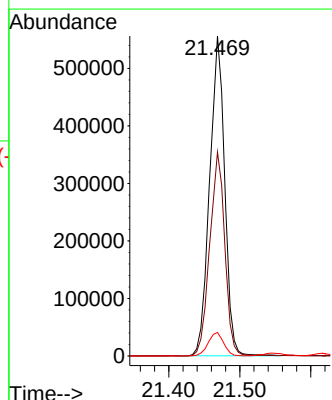
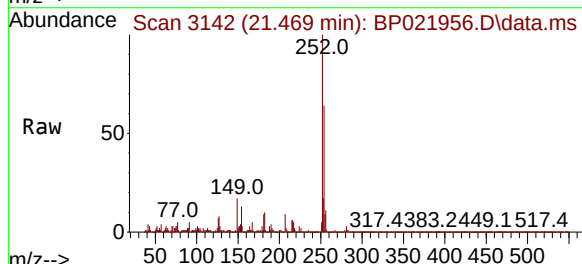
Manual Integrations
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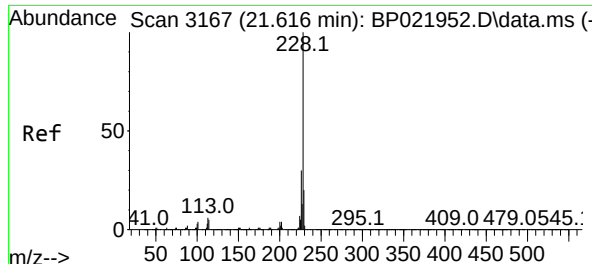
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#82
3,3'-Dichlorobenzidine
Concen: 42.500 ng
RT: 21.469 min Scan# 3142
Delta R.T. 0.006 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

Tgt Ion:252 Resp: 818582
Ion Ratio Lower Upper
252 100
254 63.8 51.4 77.2
126 7.3 6.2 9.4





#83

Chrysene

Concen: 39.565 ng

RT: 21.616 min Scan# 3167

Delta R.T. 0.000 min

Lab File: BP021956.D

Acq: 19 Sep 2024 18:25

Instrument :

BNA_P

ClientSampleId :

ICVBP091924

Tgt Ion:228 Resp: 1977558

Ion Ratio Lower Upper

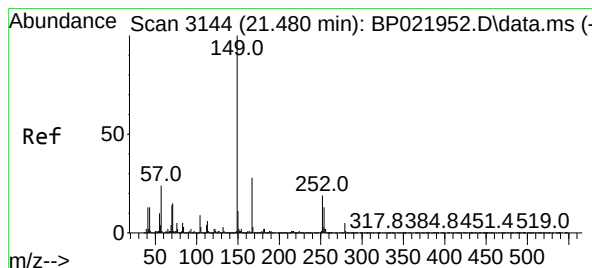
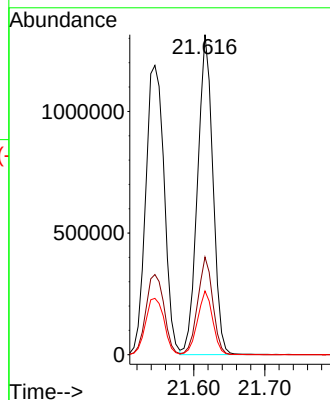
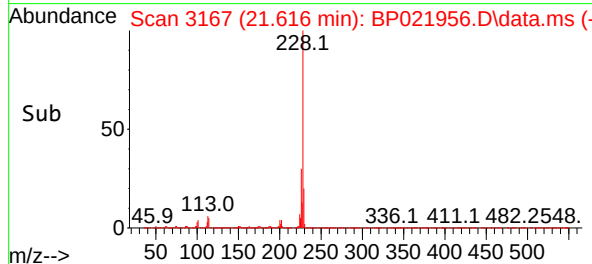
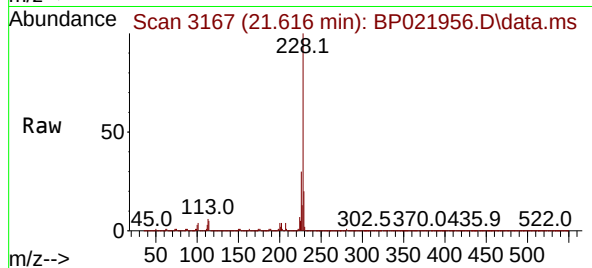
228 100

226 30.5 24.2 36.4

229 19.9 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#84

Bis(2-ethylhexyl)phthalate

Concen: 44.565 ng

RT: 21.486 min Scan# 3145

Delta R.T. 0.006 min

Lab File: BP021956.D

Acq: 19 Sep 2024 18:25

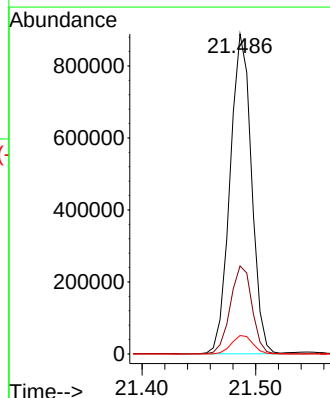
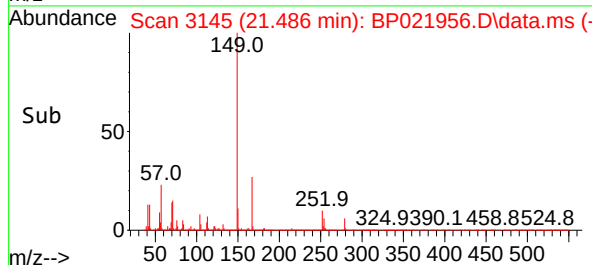
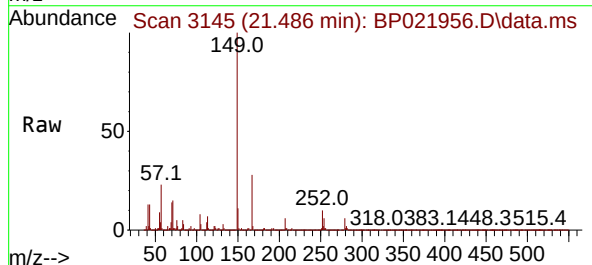
Tgt Ion:149 Resp: 1165876

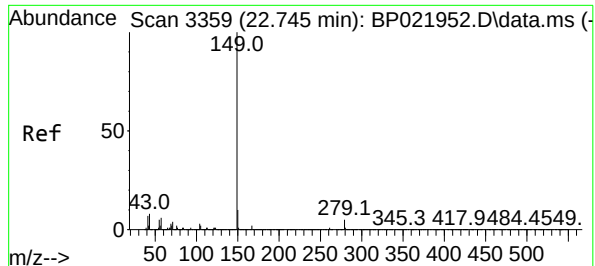
Ion Ratio Lower Upper

149 100

167 27.5 22.3 33.5

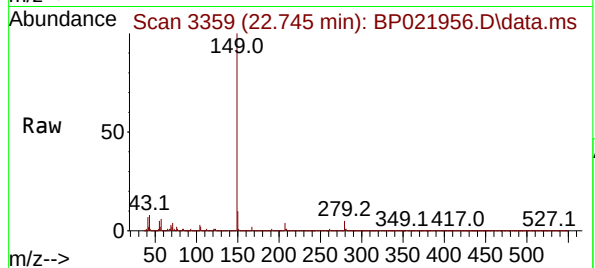
279 5.8 4.2 6.2





#85
Di-n-octyl phthalate
Concen: 44.909 ng
RT: 22.745 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

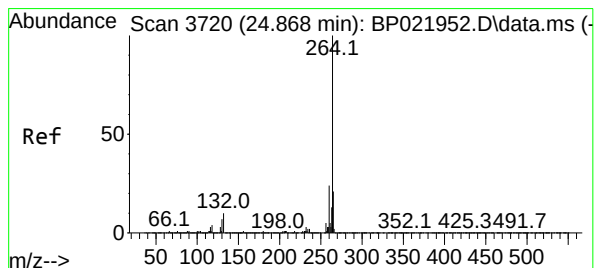
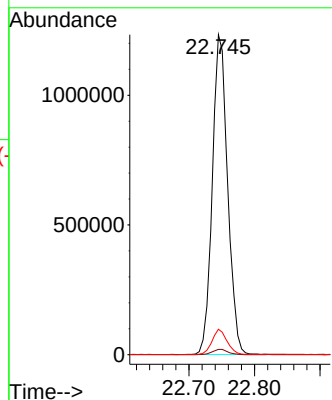
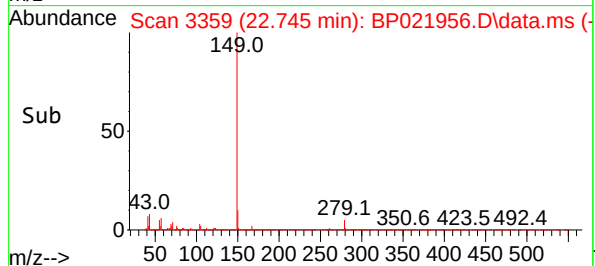
Instrument :
BNA_P
ClientSampleId :
ICVBP091924



Tgt Ion:149 Resp: 1995472
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 7.7 6.2 9.4

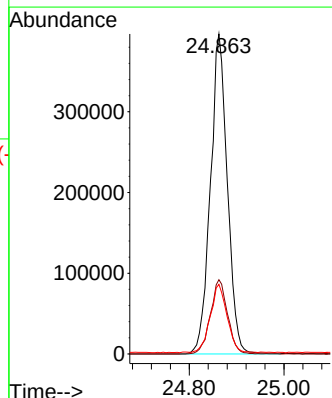
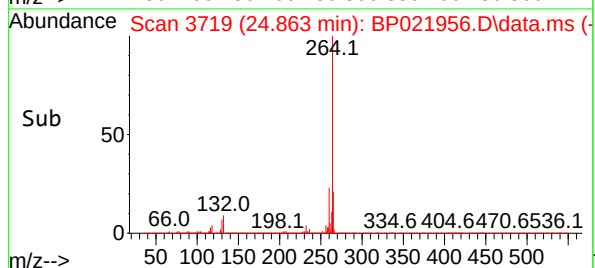
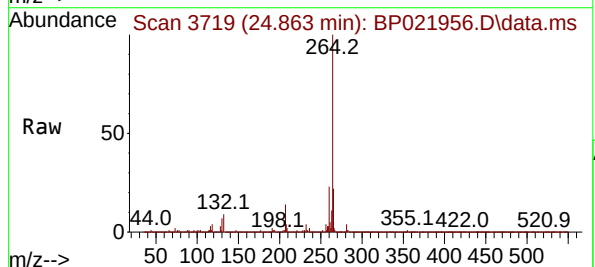
Manual Integrations
APPROVED

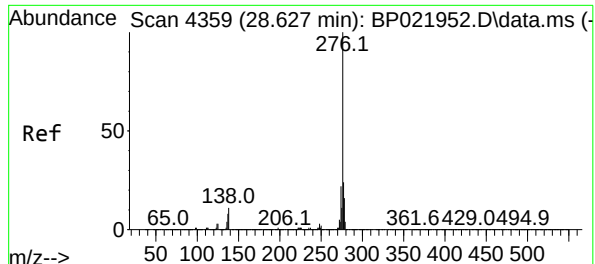
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.863 min Scan# 3719
Delta R.T. -0.006 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

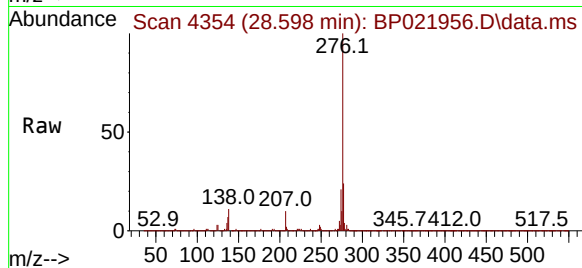
Tgt Ion:264 Resp: 985621
Ion Ratio Lower Upper
264 100
260 23.2 18.9 28.3
265 21.8 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 39.370 ng m
RT: 28.598 min Scan# 4359
Delta R.T. -0.029 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

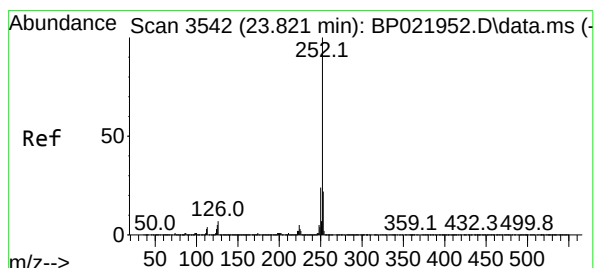
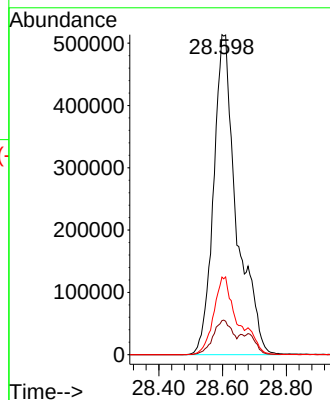
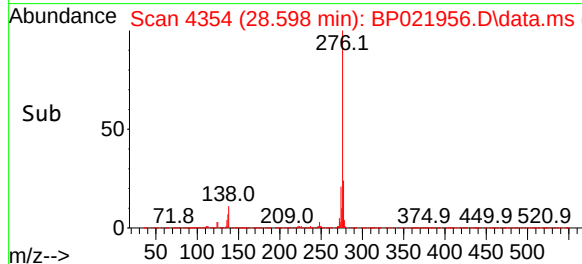
Instrument :
BNA_P
ClientSampleId :
ICVBP091924



Tgt Ion: 276 Resp: 2580809
Ion Ratio Lower Upper
276 100
138 9.1 7.8 11.8
277 21.7 20.5 30.7

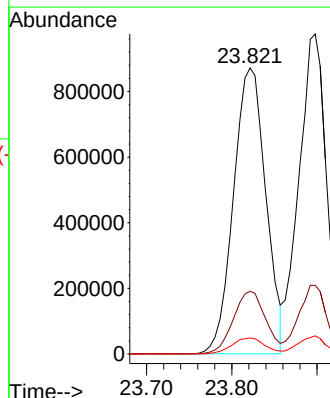
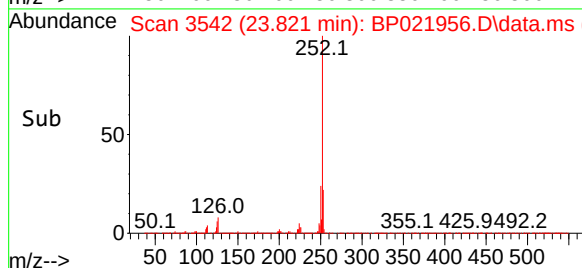
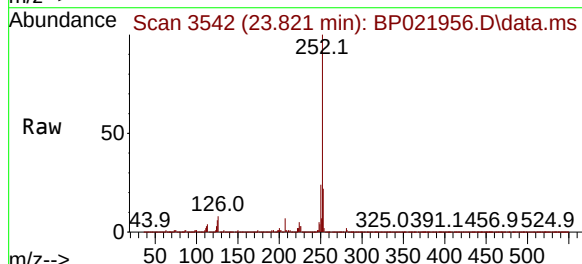
Manual Integrations
APPROVED

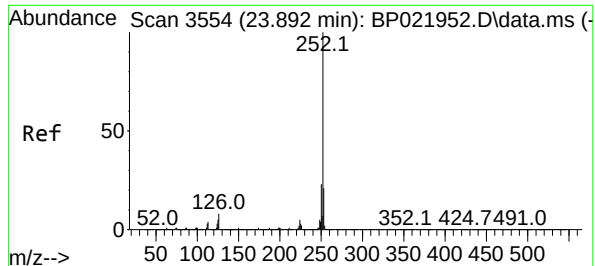
Reviewed By : Jagrut Upadhyay 09/20/2024
Supervised By : mohammad ahmed 09/22/2024



#88
Benzo(b)fluoranthene
Concen: 39.435 ng
RT: 23.821 min Scan# 3542
Delta R.T. 0.000 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

Tgt Ion: 252 Resp: 2298686
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 5.6 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 39.807 ng

RT: 23.898 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP021956.D

Acq: 19 Sep 2024 18:25

Instrument :

BNA_P

ClientSampleId :

ICVBP091924

Tgt Ion:252 Resp: 219590

Ion Ratio Lower Upper

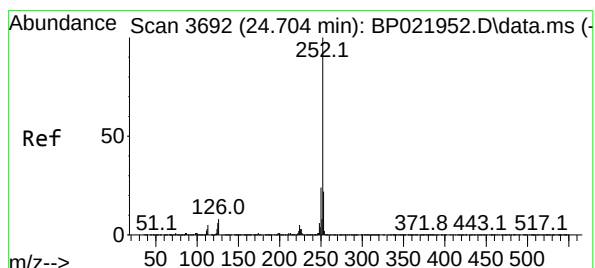
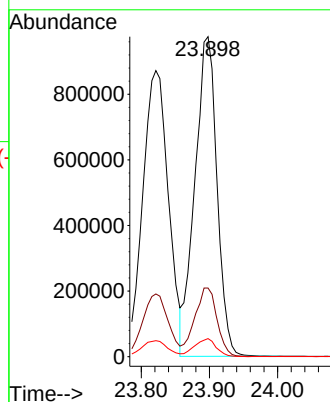
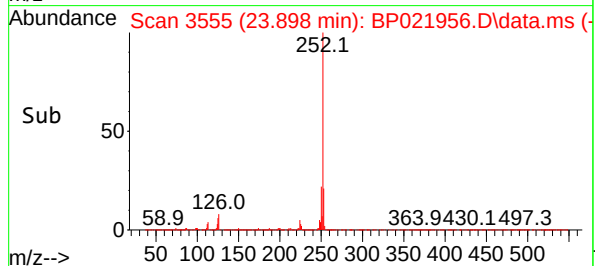
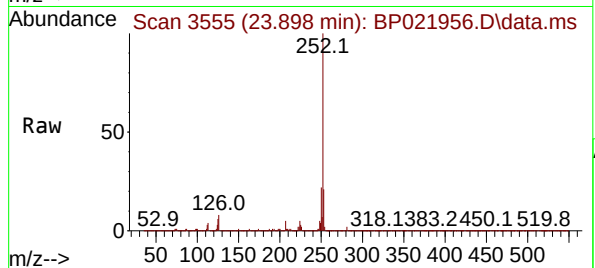
252 100

253 21.5 17.0 25.6

125 5.6 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#90

Benzo(a)pyrene

Concen: 40.460 ng

RT: 24.710 min Scan# 3693

Delta R.T. 0.006 min

Lab File: BP021956.D

Acq: 19 Sep 2024 18:25

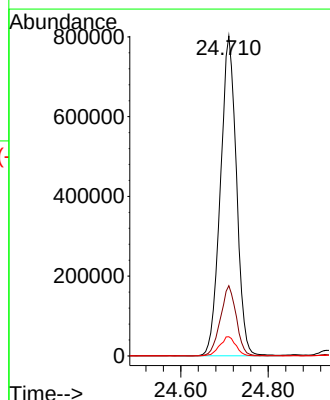
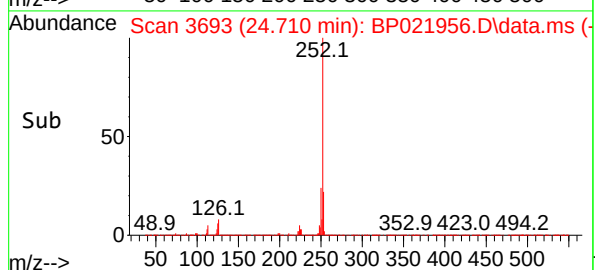
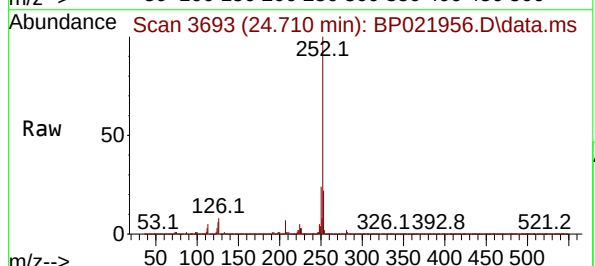
Tgt Ion:252 Resp: 2031702

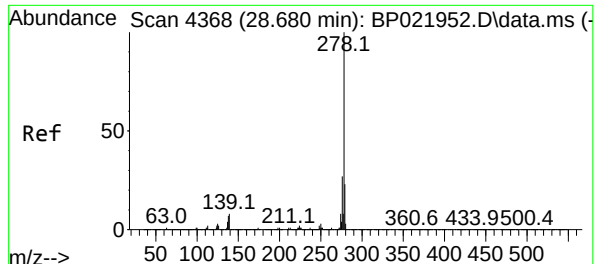
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

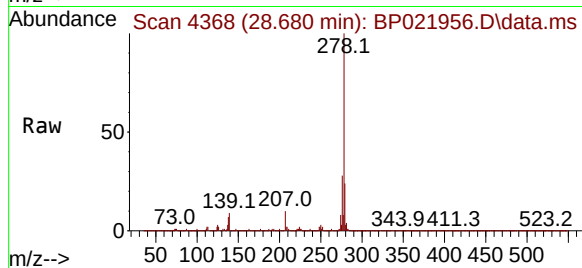
125 6.0 5.0 7.6





#91
Dibenzo(a,h)anthracene
Concen: 39.199 ng
RT: 28.680 min Scan# 4368
Delta R.T. 0.000 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

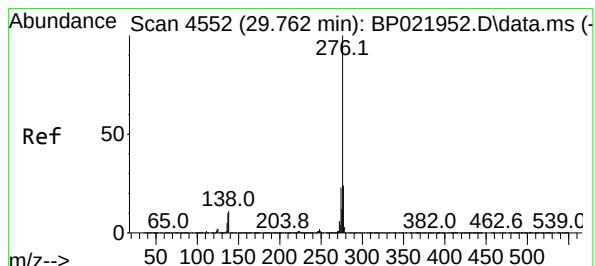
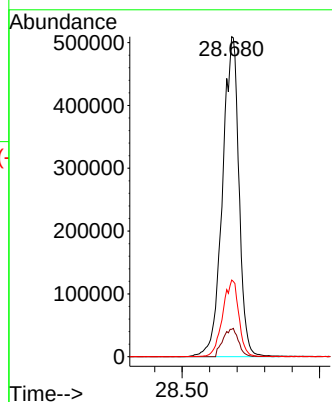
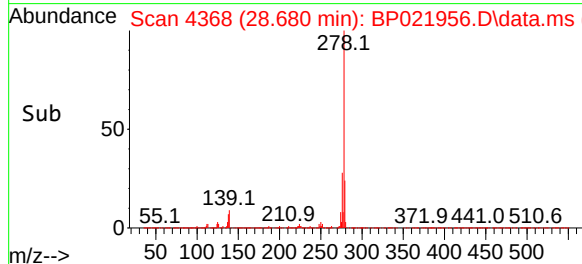
Instrument :
BNA_P
ClientSampleId :
ICVBP091924



Tgt Ion: 278 Resp: 2120750
Ion Ratio Lower Upper
278 100
139 8.6 6.6 10.0
279 24.0 18.8 28.2

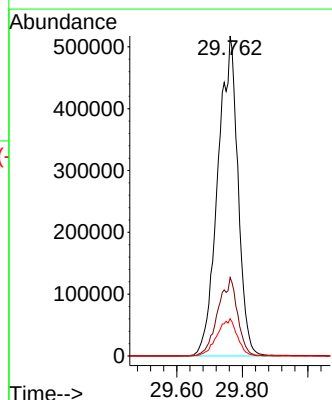
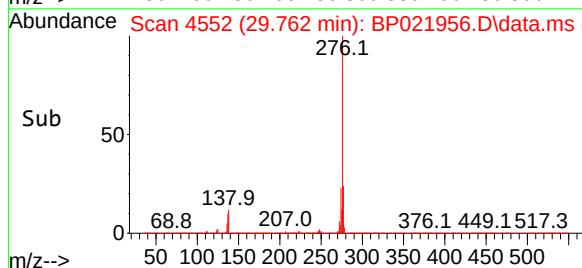
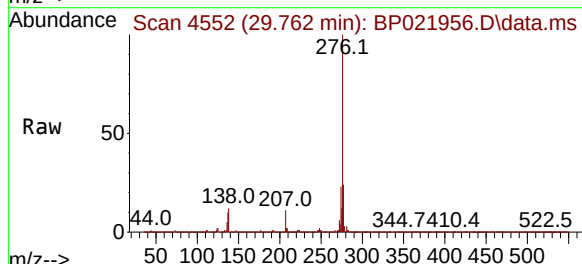
Manual Integrations
APPROVED

Reviewed By : Jagrut Upadhyay 09/20/2024
Supervised By : mohammad ahmed 09/22/2024



#92
Benzo(g,h,i)perylene
Concen: 39.624 ng
RT: 29.762 min Scan# 4552
Delta R.T. 0.000 min
Lab File: BP021956.D
Acq: 19 Sep 2024 18:25

Tgt Ion: 276 Resp: 2195970
Ion Ratio Lower Upper
276 100
277 24.5 19.3 28.9
138 11.7 9.2 13.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091924\
 Data File : BP021956.D
 Acq On : 19 Sep 2024 18:25
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP091924

Quant Time: Sep 20 01:25:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 01:22:00 2024
 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	116	0.00
2	1,4-Dioxane	0.442	0.414	6.3	111	0.00
3	Pyridine	1.179	1.110	5.9	110	0.00
4	n-Nitrosodimethylamine	0.622	0.577	7.2	110	0.00
5 S	2-Fluorophenol	1.064	1.031	3.1	113	0.00
6	Aniline	1.214	1.190	2.0	114	0.00
7 S	Phenol-d6	1.382	1.350	2.3	115	0.00
8	2-Chlorophenol	1.138	1.113	2.2	113	0.00
9	Benzaldehyde	0.722	0.735	-1.8	116	0.00
10 C	Phenol	1.372	1.331	3.0	114	0.00
11	bis(2-Chloroethyl)ether	1.034	1.020	1.4	117	0.00
12	1,3-Dichlorobenzene	1.437	1.412	1.7	115	0.00
13 C	1,4-Dichlorobenzene	1.457	1.422	2.4	114	0.00
14	1,2-Dichlorobenzene	1.398	1.338	4.3	111	0.00
15	Benzyl Alcohol	1.060	1.067	-0.7	116	0.00
16	2,2'-oxybis(1-Chloropropane	1.102	1.103	-0.1	117	0.00
17	2-Methylphenol	0.927	0.936	-1.0	114	0.00
18	Hexachloroethane	0.536	0.523	2.4	113	0.00
19 P	n-Nitroso-di-n-propylamine	0.859	0.882	-2.7	116	0.00
20	3+4-Methylphenols	1.309	1.306	0.2	115	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	111	0.00
22	Acetophenone	0.488	0.480	1.6	114	0.00
23 S	Nitrobenzene-d5	0.378	0.380	-0.5	114	0.00
24	Nitrobenzene	0.384	0.385	-0.3	113	0.00
25	Isophorone	0.623	0.647	-3.9	116	0.00
26 C	2-Nitrophenol	0.168	0.173	-3.0	115	0.00
27	2,4-Dimethylphenol	0.194	0.200	-3.1	116	0.00
28	bis(2-Chloroethoxy)methane	0.374	0.376	-0.5	114	0.00
29 C	2,4-Dichlorophenol	0.330	0.335	-1.5	111	0.00
30	1,2,4-Trichlorobenzene	0.411	0.405	1.5	112	0.00
31	Naphthalene	0.998	0.989	0.9	113	0.00
32	Benzoic acid	0.227	0.236	-4.0	112	0.00
33	4-Chloroaniline	0.360	0.361	-0.3	111	0.00
34 C	Hexachlorobutadiene	0.321	0.319	0.6	114	0.01
35	Caprolactam	0.098	0.100	-2.0	112	0.00
36 C	4-Chloro-3-methylphenol	0.354	0.359	-1.4	113	0.00
37	2-Methylnaphthalene	0.730	0.732	-0.3	114	0.00
38	1-Methylnaphthalene	0.721	0.713	1.1	113	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	115	0.01
40	1,2,4,5-Tetrachlorobenzene	0.700	0.674	3.7	113	0.00
41 P	Hexachlorocyclopentadiene	0.260	0.255	1.9	116	0.00
42 S	2,4,6-Tribromophenol	0.371	0.380	-2.4	121	-0.01
43 C	2,4,6-Trichlorophenol	0.429	0.432	-0.7	115	0.00
44	2,4,5-Trichlorophenol	0.482	0.483	-0.2	116	0.00
45 S	2-Fluorobiphenyl	1.370	1.333	2.7	116	0.00
46	1,1'-Biphenyl	1.364	1.327	2.7	116	0.00
47	2-Chloronaphthalene	1.103	1.088	1.4	116	0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091924\
 Data File : BP021956.D
 Acq On : 19 Sep 2024 18:25
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP091924

Quant Time: Sep 20 01:25:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 01:22:00 2024
 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	0.301	0.312	-3.7	114	0.00
49	Acenaphthylene	1.556	1.530	1.7	113	0.00
50	Dimethylphthalate	1.451	1.445	0.4	116	0.00
51	2,6-Dinitrotoluene	0.323	0.328	-1.5	116	0.01
52 C	Acenaphthene	1.013	0.989	2.4	115	0.00
53	3-Nitroaniline	0.288	0.292	-1.4	112	0.00
54 P	2,4-Dinitrophenol	0.189	0.198	-4.8	118	0.00
55	Dibenzofuran	1.702	1.674	1.6	116	0.00
56 P	4-Nitrophenol	0.251	0.258	-2.8	111	0.01
57	2,4-Dinitrotoluene	0.457	0.471	-3.1	116	0.00
58	Fluorene	1.421	1.393	2.0	115	0.00
59	2,3,4,6-Tetrachlorophenol	0.465	0.463	0.4	116	0.00
60	Diethylphthalate	1.474	1.488	-0.9	119	0.00
61	4-Chlorophenyl-phenylether	0.828	0.817	1.3	118	0.00
62	4-Nitroaniline	0.317	0.321	-1.3	112	0.00
63	Azobenzene	1.220	1.200	1.6	115	0.01
64 I	Phenanthrene-d10	1.000	1.000	0.0	115	-0.01
65	4,6-Dinitro-2-methylphenol	0.116	0.122	-5.2	118	-0.02
66 c	n-Nitrosodiphenylamine	0.498	0.500	-0.4	115	0.01
67	4-Bromophenyl-phenylether	0.233	0.236	-1.3	120	0.00
68	Hexachlorobenzene	0.291	0.292	-0.3	119	0.00
69	Atrazine	0.178	0.160	10.1	115	0.00
70 C	Pentachlorophenol	0.196	0.198	-1.0	115	0.00
71	Phenanthrene	0.960	0.938	2.3	115	-0.01
72	Anthracene	0.929	0.916	1.4	114	0.00
73	Carbazole	0.898	0.897	0.1	113	0.00
74	Di-n-butylphthalate	1.054	1.111	-5.4	125	0.00
75 C	Fluoranthene	1.340	1.362	-1.6	118	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	114	0.00
77	Benzidine	0.244	0.349	-43.0#	99	0.00
78	Pyrene	1.210	1.215	-0.4	114	0.00
79 S	Terphenyl-d14	1.065	1.087	-2.1	117	0.00
80	Butylbenzylphthalate	0.432	0.474	-9.7	125	0.00
81	Benzo(a)anthracene	1.285	1.301	-1.2	118	0.00
82	3,3'-Dichlorobenzidine	0.466	0.495	-6.2	114	0.00
83	Chrysene	1.210	1.197	1.1	115	0.00
84	Bis(2-ethylhexyl)phthalate	0.633	0.706	-11.5	132	0.00
85 c	Di-n-octyl phthalate	1.076	1.208	-12.3	132	0.00
86 I	Perylene-d12	1.000	1.000	0.0	115	0.00
87	Indeno(1,2,3-cd)pyrene	1.330	1.309	1.6	114	-0.03
88	Benzo(b)fluoranthene	1.183	1.166	1.4	112	0.00
89	Benzo(k)fluoranthene	1.119	1.114	0.4	117	0.00
90 C	Benzo(a)pyrene	1.019	1.031	-1.2	116	0.00
91	Dibenzo(a,h)anthracene	1.098	1.076	2.0	115	0.00
92	Benzo(g,h,i)perylene	1.125	1.114	1.0	114	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091924\
Data File : BP021956.D
Acq On : 19 Sep 2024 18:25
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP091924

Quant Time: Sep 20 01:25:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 01:22:00 2024
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 = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091924\
 Data File : BP021956.D
 Acq On : 19 Sep 2024 18:25
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP091924

Quant Time: Sep 20 01:25:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 01:22:00 2024
 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	116	0.00
2	1,4-Dioxane	40.000	37.493	6.3	111	0.00
3	Pyridine	40.000	37.681	5.8	110	0.00
4	n-Nitrosodimethylamine	40.000	37.104	7.2	110	0.00
5 S	2-Fluorophenol	80.000	77.466	3.2	113	0.00
6	Aniline	40.000	39.196	2.0	114	0.00
7 S	Phenol-d6	80.000	78.189	2.3	115	0.00
8	2-Chlorophenol	40.000	39.137	2.2	113	0.00
9	Benzaldehyde	40.000	40.677	-1.7	116	0.00
10 C	Phenol	40.000	38.803	3.0	114	0.00
11	bis(2-Chloroethyl)ether	40.000	39.455	1.4	117	0.00
12	1,3-Dichlorobenzene	40.000	39.303	1.7	115	0.00
13 C	1,4-Dichlorobenzene	40.000	39.031	2.4	114	0.00
14	1,2-Dichlorobenzene	40.000	38.285	4.3	111	0.00
15	Benzyl Alcohol	40.000	40.269	-0.7	116	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	40.025	-0.1	117	0.00
17	2-Methylphenol	40.000	40.367	-0.9	114	0.00
18	Hexachloroethane	40.000	39.011	2.5	113	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	41.079	-2.7	116	0.00
20	3+4-Methylphenols	40.000	39.936	0.2	115	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	111	0.00
22	Acetophenone	40.000	39.380	1.5	114	0.00
23 S	Nitrobenzene-d5	80.000	80.399	-0.5	114	0.00
24	Nitrobenzene	40.000	40.119	-0.3	113	0.00
25	Isophorone	40.000	41.517	-3.8	116	0.00
26 C	2-Nitrophenol	40.000	41.304	-3.3	115	0.00
27	2,4-Dimethylphenol	40.000	41.257	-3.1	116	0.00
28	bis(2-Chloroethoxy)methane	40.000	40.255	-0.6	114	0.00
29 C	2,4-Dichlorophenol	40.000	40.661	-1.7	111	0.00
30	1,2,4-Trichlorobenzene	40.000	39.410	1.5	112	0.00
31	Naphthalene	40.000	39.645	0.9	113	0.00
32	Benzoic acid	40.000	41.608	-4.0	112	0.00
33	4-Chloroaniline	40.000	40.065	-0.2	111	0.00
34 C	Hexachlorobutadiene	40.000	39.651	0.9	114	0.01
35	Caprolactam	40.000	40.666	-1.7	112	0.00
36 C	4-Chloro-3-methylphenol	40.000	40.590	-1.5	113	0.00
37	2-Methylnaphthalene	40.000	40.104	-0.3	114	0.00
38	1-Methylnaphthalene	40.000	39.551	1.1	113	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	115	0.01
40	1,2,4,5-Tetrachlorobenzene	40.000	38.509	3.7	113	0.00
41 P	Hexachlorocyclopentadiene	40.000	39.303	1.7	116	0.00
42 S	2,4,6-Tribromophenol	80.000	81.916	-2.4	121	-0.01
43 C	2,4,6-Trichlorophenol	40.000	40.220	-0.5	115	0.00
44	2,4,5-Trichlorophenol	40.000	40.069	-0.2	116	0.00
45 S	2-Fluorobiphenyl	80.000	77.828	2.7	116	0.00
46	1,1'-Biphenyl	40.000	38.916	2.7	116	0.00
47	2-Chloronaphthalene	40.000	39.460	1.3	116	0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091924\
 Data File : BP021956.D
 Acq On : 19 Sep 2024 18:25
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP091924

Quant Time: Sep 20 01:25:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 01:22:00 2024
 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	41.476	-3.7	114	0.00
49	Acenaphthylene	40.000	39.338	1.7	113	0.00
50	Dimethylphthalate	40.000	39.851	0.4	116	0.00
51	2,6-Dinitrotoluene	40.000	40.539	-1.3	116	0.01
52 C	Acenaphthene	40.000	39.066	2.3	115	0.00
53	3-Nitroaniline	40.000	40.571	-1.4	112	0.00
54 P	2,4-Dinitrophenol	40.000	41.913	-4.8	118	0.00
55	Dibenzofuran	40.000	39.346	1.6	116	0.00
56 P	4-Nitrophenol	40.000	41.208	-3.0	111	0.01
57	2,4-Dinitrotoluene	40.000	41.226	-3.1	116	0.00
58	Fluorene	40.000	39.205	2.0	115	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	39.794	0.5	116	0.00
60	Diethylphthalate	40.000	40.374	-0.9	119	0.00
61	4-Chlorophenyl-phenylether	40.000	39.472	1.3	118	0.00
62	4-Nitroaniline	40.000	40.580	-1.4	112	0.00
63	Azobenzene	40.000	39.347	1.6	115	0.01
64 I	Phenanthrene-d10	20.000	20.000	0.0	115	-0.01
65	4,6-Dinitro-2-methylphenol	40.000	42.104	-5.3	118	-0.02
66 c	n-Nitrosodiphenylamine	40.000	40.122	-0.3	115	0.01
67	4-Bromophenyl-phenylether	40.000	40.562	-1.4	120	0.00
68	Hexachlorobenzene	40.000	40.247	-0.6	119	0.00
69	Atrazine	40.000	35.859	10.4	115	0.00
70 C	Pentachlorophenol	40.000	40.450	-1.1	115	0.00
71	Phenanthrene	40.000	39.089	2.3	115	-0.01
72	Anthracene	40.000	39.418	1.5	114	0.00
73	Carbazole	40.000	39.988	0.0	113	0.00
74	Di-n-butylphthalate	40.000	42.142	-5.4	125	0.00
75 C	Fluoranthene	40.000	40.668	-1.7	118	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	114	0.00
77	Benzidine	40.000	57.157	-42.9#	99	0.00
78	Pyrene	40.000	40.184	-0.5	114	0.00
79 S	Terphenyl-d14	80.000	81.703	-2.1	117	0.00
80	Butylbenzylphthalate	40.000	43.953	-9.9	125	0.00
81	Benzo(a)anthracene	40.000	40.503	-1.3	118	0.00
82	3,3'-Dichlorobenzidine	40.000	42.500	-6.3	114	0.00
83	Chrysene	40.000	39.565	1.1	115	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	44.565	-11.4	132	0.00
85 c	Di-n-octyl phthalate	40.000	44.909	-12.3	132	0.00
86 I	Perylene-d12	20.000	20.000	0.0	115	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	39.370	1.6	114	-0.03
88	Benzo(b)fluoranthene	40.000	39.435	1.4	112	0.00
89	Benzo(k)fluoranthene	40.000	39.807	0.5	117	0.00
90 C	Benzo(a)pyrene	40.000	40.460	-1.2	116	0.00
91	Dibenzo(a,h)anthracene	40.000	39.199	2.0	115	0.00
92	Benzo(g,h,i)perylene	40.000	39.624	0.9	114	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091924\
Data File : BP021956.D
Acq On : 19 Sep 2024 18:25
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP091924

Quant Time: Sep 20 01:25:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 01:22:00 2024
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)

(#) = Out of Range SPCC's out = 0 CCC's out = 0



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: P4103 SAS No.: P4103 SDG No.: P4103

Instrument ID: BNA_F Calibration Date/Time: 09/20/2024 10:09

Lab File ID: BF139493.D Init. Calib. Date(s): 09/13/2024 09/13/2024

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 14:32 19:44

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.084	1.258		16.1	
2-Fluorophenol	1.226	1.222		-0.3	
Phenol-d6	1.609	1.611		0.1	
1,4-Dichlorobenzene	1.450	1.457		0.5	20.0
2-Methylphenol	1.003	1.039		3.6	
3+4-Methylphenols	1.368	1.355		-0.9	
Nitrobenzene-d5	0.425	0.412		-3.1	
Hexachloroethane	0.552	0.528		-4.3	
Nitrobenzene	0.438	0.427		-2.5	
Hexachlorobutadiene	0.226	0.206		-8.9	20.0
2,4,6-Trichlorophenol	0.386	0.380		-1.6	20.0
2-Fluorobiphenyl	1.426	1.336		-6.3	
2,4,5-Trichlorophenol	0.407	0.415		2.0	
2,4-Dinitrotoluene	0.393	0.400		1.8	
2,4,6-Tribromophenol	0.213	0.192		-9.9	
Hexachlorobenzene	0.233	0.223		-4.3	
Pentachlorophenol	0.140	0.135		-3.6	20.0
Terphenyl-d14	1.218	1.315		8.0	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
 Data File : BF139493.D
 Acq On : 20 Sep 2024 10:09
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 20 11:16:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	72885	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	269376	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	147488	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	275829	20.000	ng	0.00
76) Chrysene-d12	14.033	240	142849	20.000	ng	0.00
86) Perylene-d12	15.498	264	143390	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	356138	79.712	ng	0.00
7) Phenol-d6	6.510	99	469635	80.084	ng	0.00
23) Nitrobenzene-d5	7.445	82	443726	77.439	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	113159	72.067	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	788412	74.973	ng	0.00
79) Terphenyl-d14	12.980	244	751458	86.345	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	77276	43.111	ng	96
3) Pyridine	3.393	79	183376	46.400	ng	97
4) n-Nitrosodimethylamine	3.351	42	126525	36.937	ng	86
6) Aniline	6.545	93	180253	40.730	ng	100
8) 2-Chlorophenol	6.663	128	186768	40.610	ng	99
9) Benzaldehyde	6.428	77	118022	34.834	ng	98
10) Phenol	6.522	94	246649	41.296	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	183340	40.387	ng	98
12) 1,3-Dichlorobenzene	6.822	146	206869	39.552	ng	97
13) 1,4-Dichlorobenzene	6.898	146	212381	40.182	ng	98
14) 1,2-Dichlorobenzene	7.051	146	198196	39.684	ng	98
15) Benzyl Alcohol	7.022	79	180951	38.676	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	313902	44.868	ng	98
17) 2-Methylphenol	7.134	107	151410	41.437	ng	96
18) Hexachloroethane	7.392	117	77001	38.249	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	139903	40.259	ng	97
20) 3+4-Methylphenols	7.286	107	197449	39.607	ng	# 86
22) Acetophenone	7.286	105	266974	37.910	ng	99
24) Nitrobenzene	7.463	77	230083	39.014	ng	98
25) Isophorone	7.698	82	363041	40.062	ng	99
26) 2-Nitrophenol	7.775	139	98413	42.833	ng	93
27) 2,4-Dimethylphenol	7.810	122	123666m	40.804	ng	
28) bis(2-Chloroethoxy)met...	7.910	93	211054	40.865	ng	98
29) 2,4-Dichlorophenol	8.022	162	154408	40.104	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	172832	38.526	ng	99
31) Naphthalene	8.181	128	557107	39.615	ng	100
32) Benzoic acid	7.922	122	116283	40.999	ng	92
33) 4-Chloroaniline	8.233	127	175773	40.856	ng	98
34) Hexachlorobutadiene	8.298	225	111238	36.497	ng	99
35) Caprolactam	8.598	113	50665	42.778	ng	98
36) 4-Chloro-3-methylphenol	8.710	107	174363	39.626	ng	96
37) 2-Methylnaphthalene	8.875	142	349271	39.129	ng	99
38) 1-Methylnaphthalene	8.975	142	344967	39.364	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	170076	38.909	ng	99
41) Hexachlorocyclopentadiene	9.022	237	54805	35.909	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	112133	39.431	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
 Data File : BF139493.D
 Acq On : 20 Sep 2024 10:09
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 20 11:16:14 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Sep 14 02:58:23 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	122295	40.768	ng	97
46) 1,1'-Biphenyl	9.333	154	443740	39.108	ng	99
47) 2-Chloronaphthalene	9.363	162	339075	39.967	ng	99
48) 2-Nitroaniline	9.457	65	128152	40.612	ng	99
49) Acenaphthylene	9.775	152	513420	40.203	ng	100
50) Dimethylphthalate	9.633	163	372714	38.502	ng	100
51) 2,6-Dinitrotoluene	9.698	165	88654	41.341	ng	92
52) Acenaphthene	9.945	154	353347	39.644	ng	99
53) 3-Nitroaniline	9.869	138	90620	42.283	ng	90
54) 2,4-Dinitrophenol	9.969	184	47492	39.744	ng	94
55) Dibenzofuran	10.116	168	491292	39.547	ng	95
56) 4-Nitrophenol	10.022	139	69284	39.069	ng	86
57) 2,4-Dinitrotoluene	10.098	165	118130	40.802	ng	97
58) Fluorene	10.463	166	387412	38.221	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	96110	38.731	ng	97
60) Diethylphthalate	10.333	149	373742	37.413	ng	98
61) 4-Chlorophenyl-phenyle...	10.451	204	184062	37.365	ng	96
62) 4-Nitroaniline	10.480	138	89045	38.069	ng	89
63) Azobenzene	10.610	77	385440	39.229	ng	96
65) 4,6-Dinitro-2-methylph...	10.504	198	63766	43.802	ng	97
66) n-Nitrosodiphenylamine	10.569	169	321571	39.876	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	107050	39.164	ng	99
68) Hexachlorobenzene	11.004	284	122877	38.303	ng	99
69) Atrazine	11.092	200	68088	35.465	ng	98
70) Pentachlorophenol	11.198	266	74552	38.730	ng	99
71) Phenanthrene	11.421	178	528228	39.694	ng	100
72) Anthracene	11.474	178	522655	40.170	ng	99
73) Carbazole	11.627	167	507666	40.767	ng	99
74) Di-n-butylphthalate	11.957	149	537837	38.771	ng	99
75) Fluoranthene	12.610	202	571575	40.219	ng	99
77) Benzidine	12.733	184	71048	34.715	ng	99
78) Pyrene	12.839	202	577836	47.111	ng	100
80) Butylbenzylphthalate	13.451	149	175551	42.049	ng	99
81) Benzo(a)anthracene	14.021	228	373476	39.470	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	101391	36.590	ng	99
83) Chrysene	14.057	228	349063	40.098	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	204727	38.547	ng	99
85) Di-n-octyl phthalate	14.621	149	277411	35.467	ng	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	367859	43.144	ng	97
88) Benzo(b)fluoranthene	15.074	252	345714	39.093	ng	99
89) Benzo(k)fluoranthene	15.104	252	300523	36.857	ng	98
90) Benzo(a)pyrene	15.439	252	294618	40.170	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	300931	42.712	ng	98
92) Benzo(g,h,i)perylene	17.421	276	318653	45.678	ng	97

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

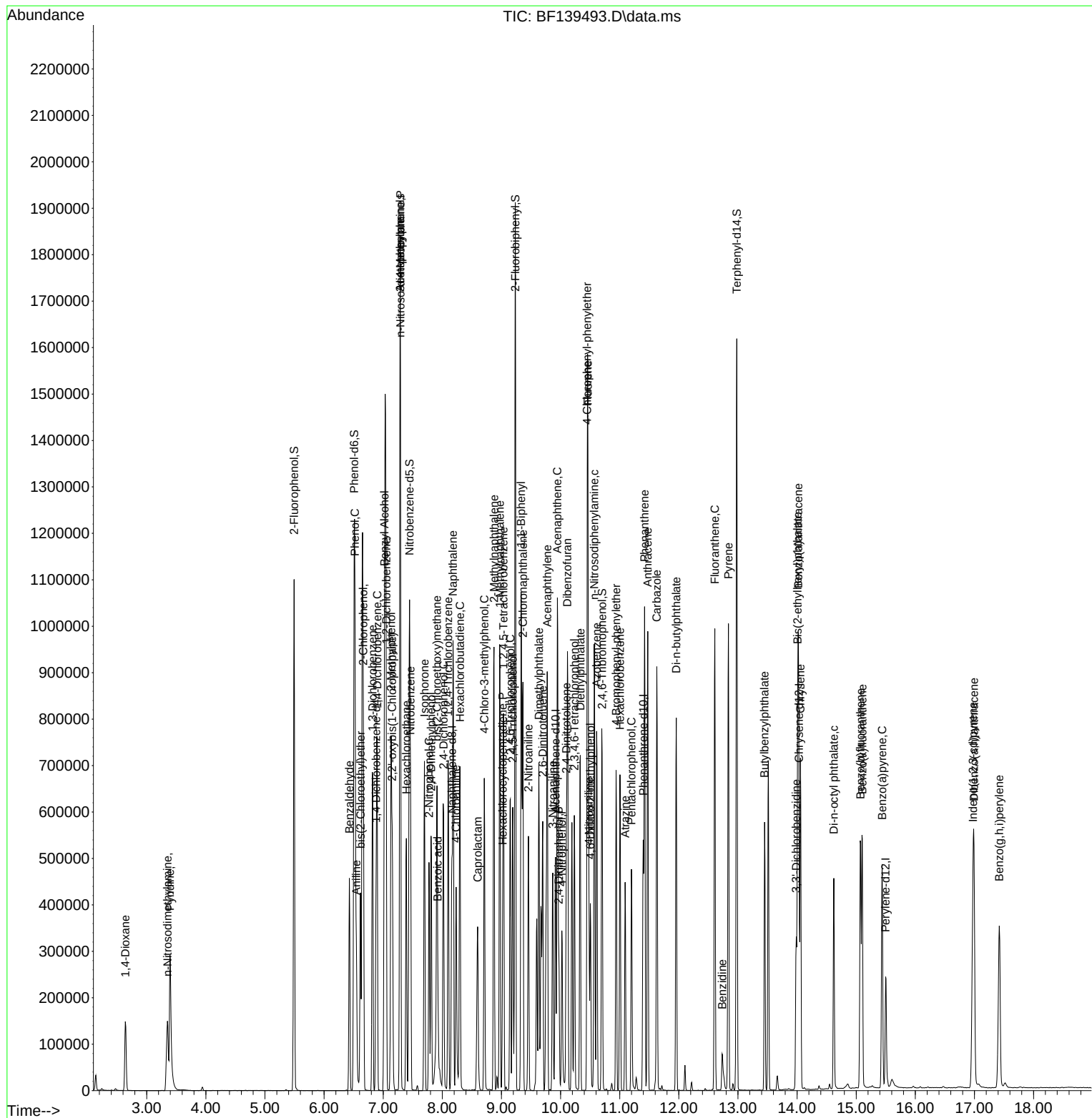
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
 Data File : BF139493.D
 Acq On : 20 Sep 2024 10:09
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

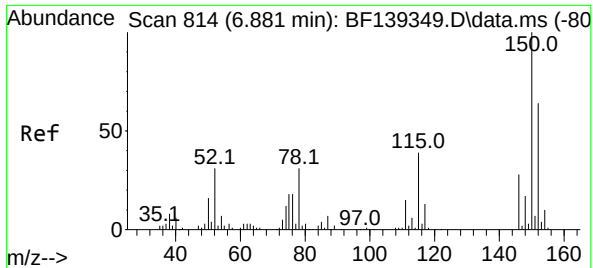
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/22/2024

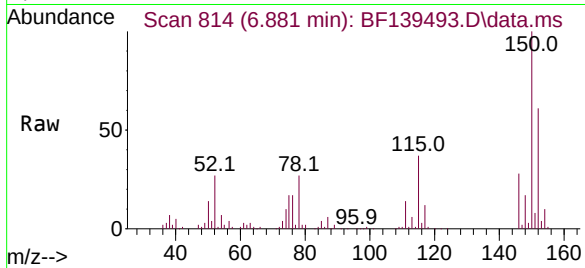
Quant Time: Sep 20 11:16:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

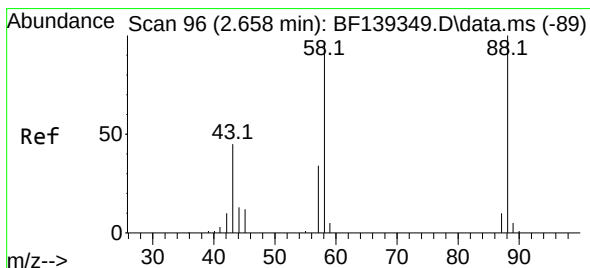
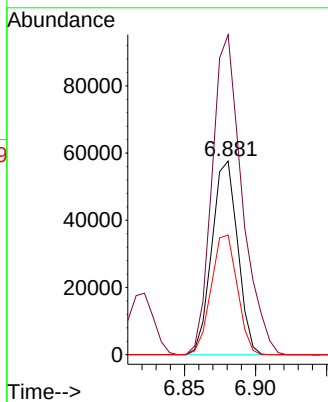
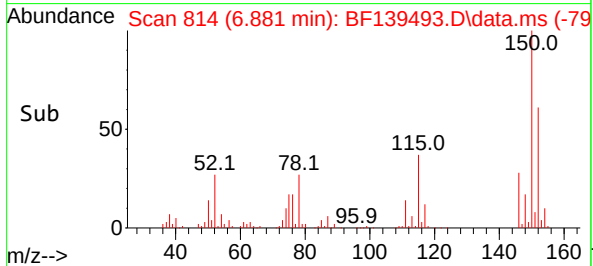
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 72885
Ion Ratio Lower Upper
152 100
150 165.2 124.1 186.1
115 61.8 48.1 72.1

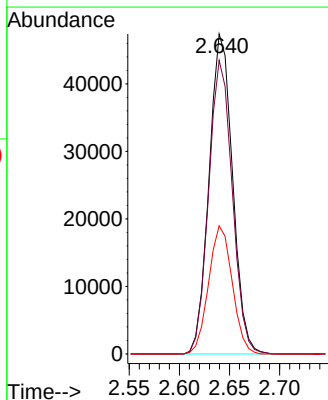
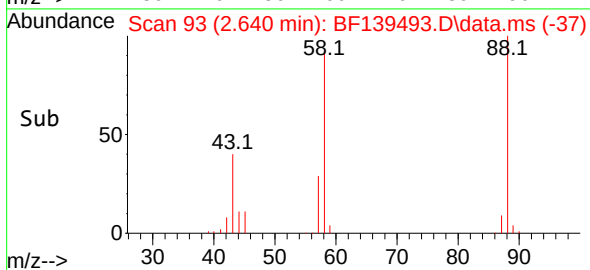
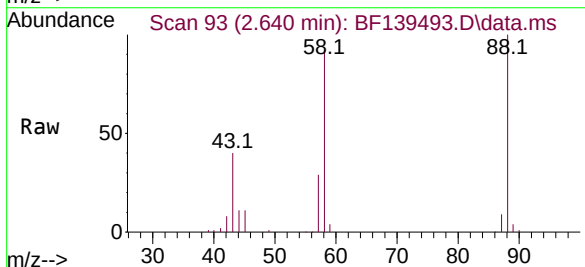
Manual Integrations
APPROVED

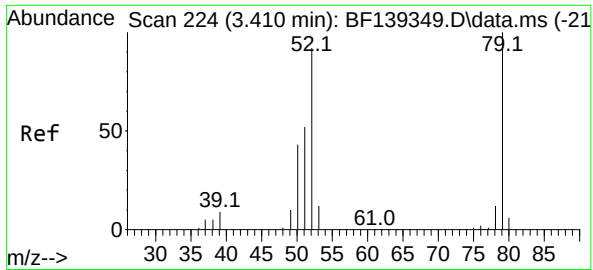
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#2
1,4-Dioxane
Concen: 43.111 ng
RT: 2.640 min Scan# 93
Delta R.T. -0.018 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

Tgt Ion: 88 Resp: 77276
Ion Ratio Lower Upper
88 100
58 92.0 74.8 112.2
43 40.2 36.4 54.6





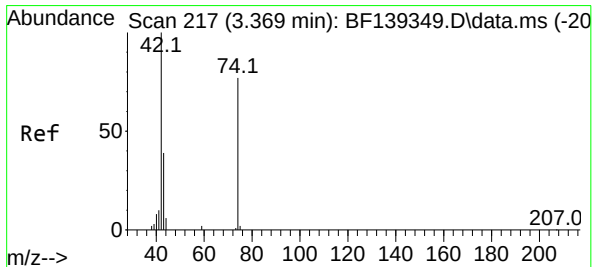
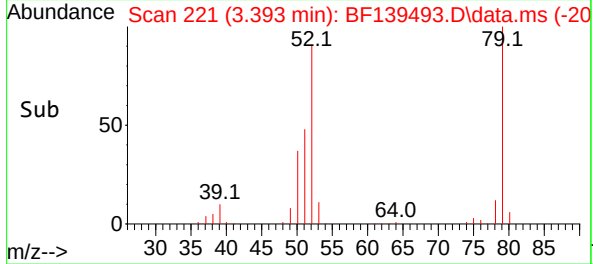
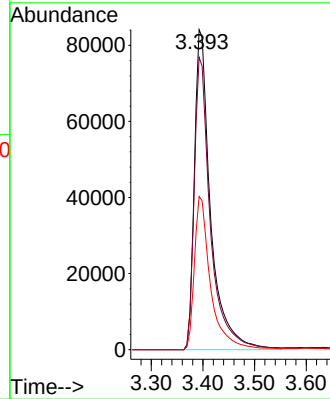
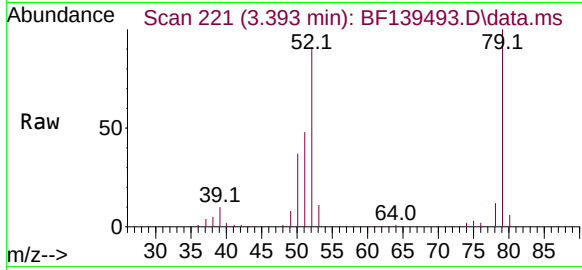
#3
Pyridine
Concen: 46.400 ng
RT: 3.393 min Scan# 213
Delta R.T. -0.018 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 183370
Ion Ratio Lower Upper
79 100
52 91.4 73.8 110.8
51 47.9 41.8 62.6

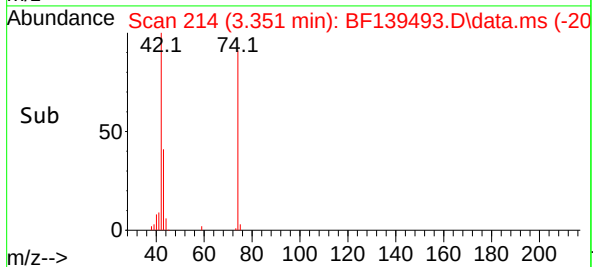
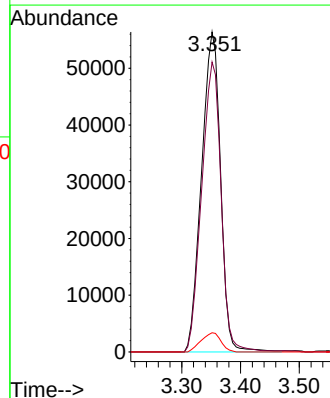
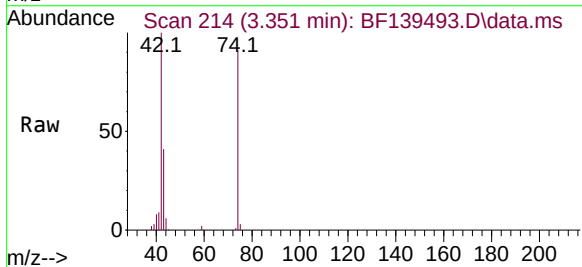
Manual Integrations
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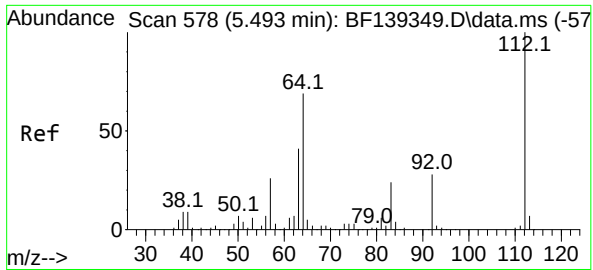
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#4
n-Nitrosodimethylamine
Concen: 36.937 ng
RT: 3.351 min Scan# 214
Delta R.T. -0.018 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

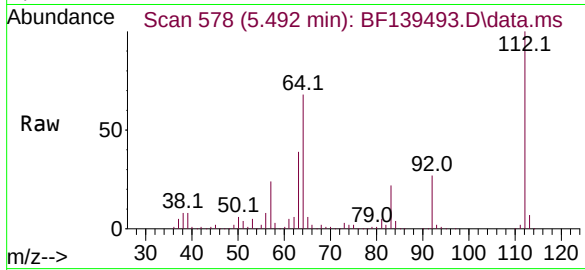
Tgt Ion: 42 Resp: 126525
Ion Ratio Lower Upper
42 100
74 90.6 61.8 92.8
44 6.0 4.8 7.2





#5
2-Fluorophenol
Concen: 79.712 ng
RT: 5.492 min Scan# 51
Delta R.T. -0.001 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

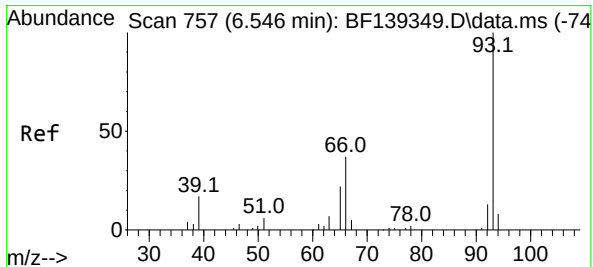
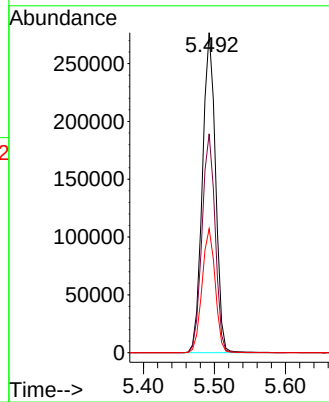
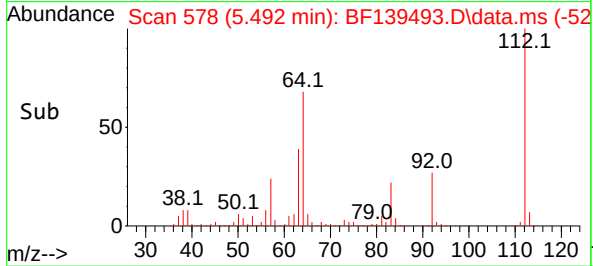
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:112 Resp: 356138
Ion Ratio Lower Upper
112 100
64 68.4 54.8 82.2
63 38.7 33.0 49.4

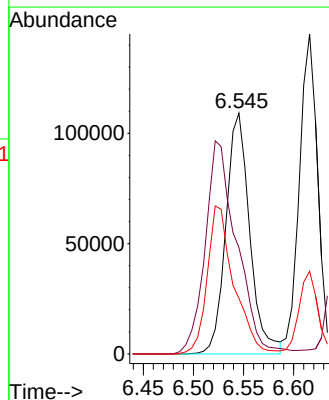
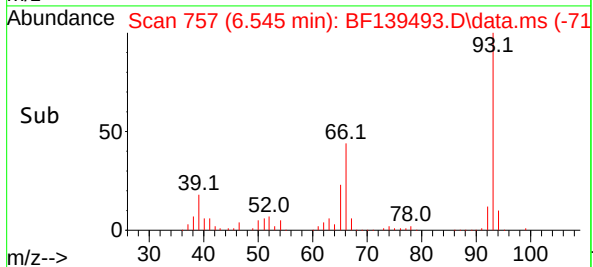
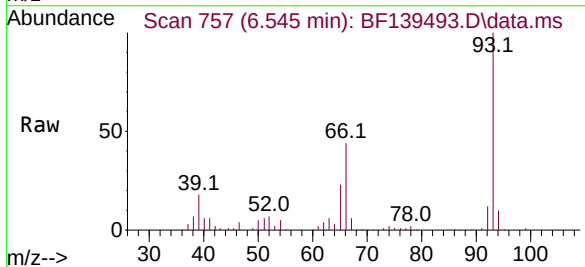
Manual Integrations
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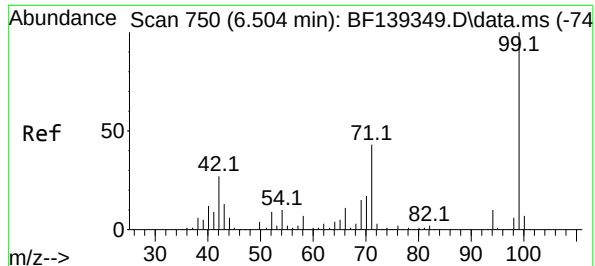
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#6
Aniline
Concen: 40.730 ng
RT: 6.545 min Scan# 757
Delta R.T. -0.024 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

Tgt Ion: 93 Resp: 180253
Ion Ratio Lower Upper
93 100
66 44.2 35.4 53.0
65 23.2 18.2 27.4





#7

Phenol-d6

Concen: 80.084 ng

RT: 6.510 min Scan# 751

Delta R.T. 0.006 min

Lab File: BF139493.D

Acq: 20 Sep 2024 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 46963

Ion Ratio Lower Upper

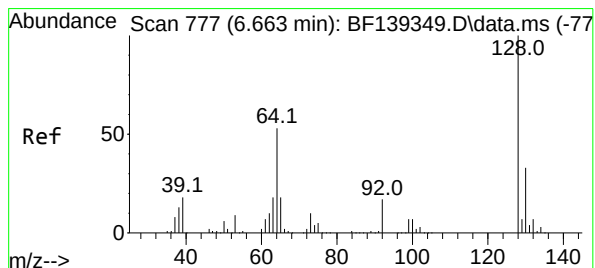
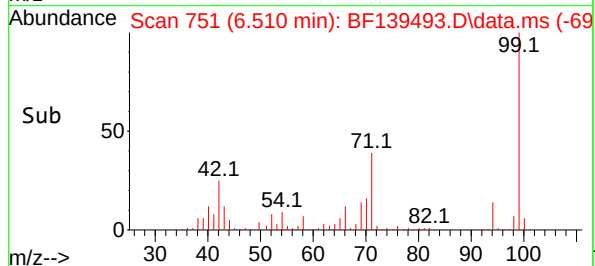
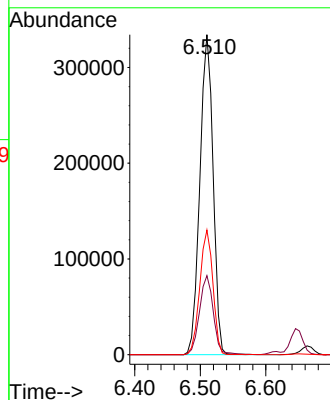
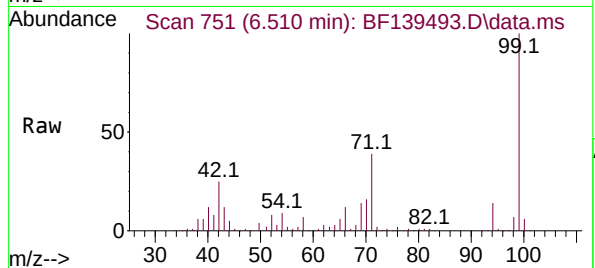
99 100

42 24.7 21.9 32.9

71 39.0 34.6 52.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#8

2-Chlorophenol

Concen: 40.610 ng

RT: 6.663 min Scan# 777

Delta R.T. -0.000 min

Lab File: BF139493.D

Acq: 20 Sep 2024 10:09

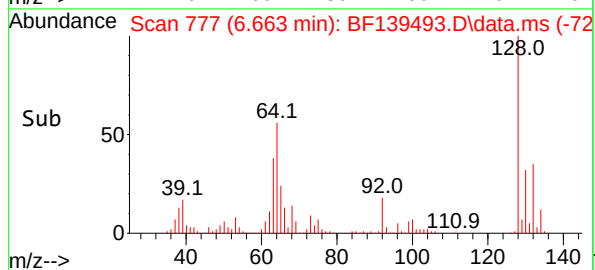
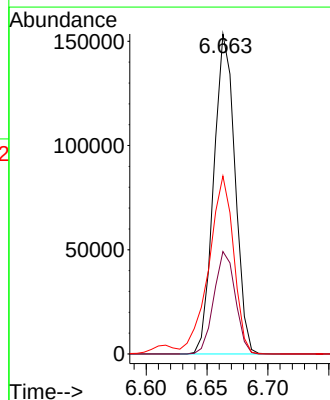
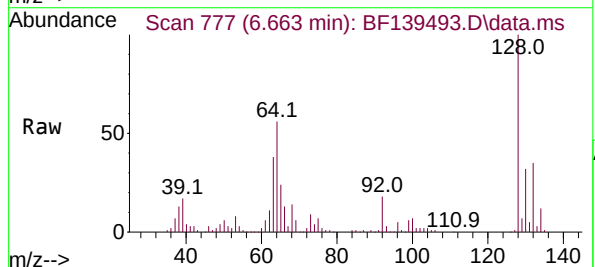
Tgt Ion:128 Resp: 186768

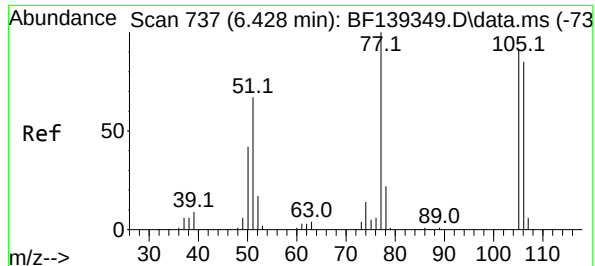
Ion Ratio Lower Upper

128 100

130 32.0 12.8 52.8

64 55.6 35.1 75.1





#9

Benzaldehyde

Concen: 34.834 ng

RT: 6.428 min Scan# 737

Delta R.T. -0.000 min

Lab File: BF139493.D

Acq: 20 Sep 2024 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 11802

Ion Ratio Lower Upper

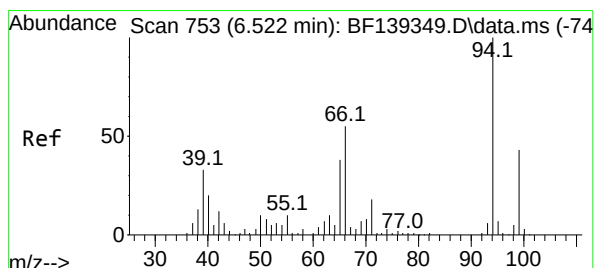
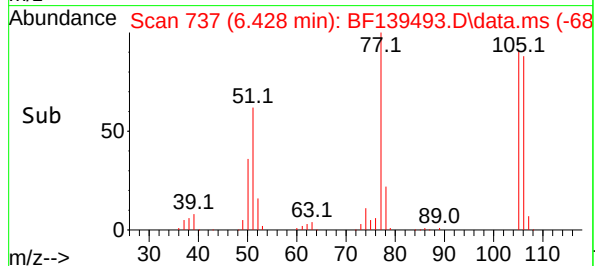
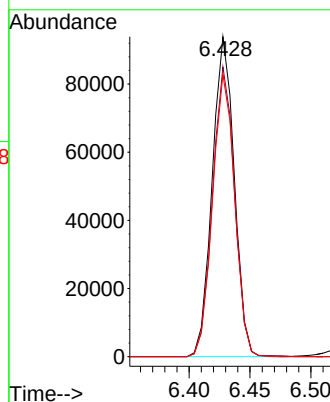
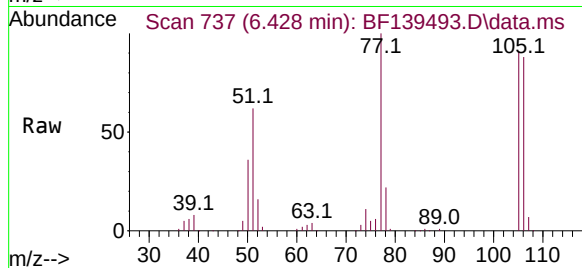
77 100

105 90.6 71.0 111.0

106 88.1 64.9 104.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#10

Phenol

Concen: 41.296 ng

RT: 6.522 min Scan# 753

Delta R.T. -0.000 min

Lab File: BF139493.D

Acq: 20 Sep 2024 10:09

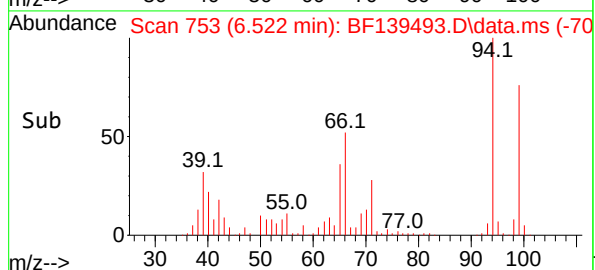
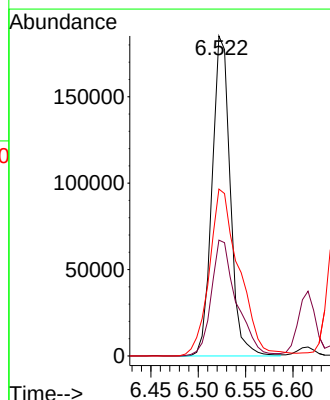
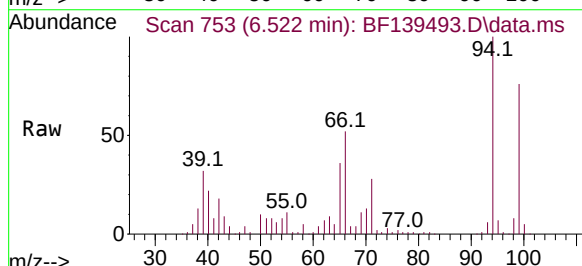
Tgt Ion: 94 Resp: 246649

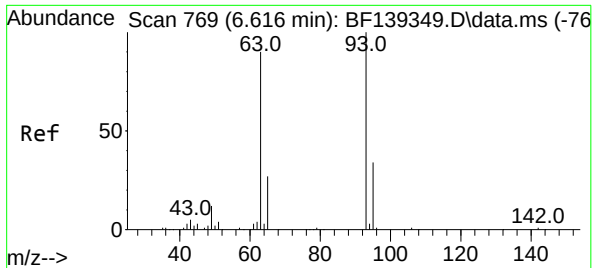
Ion Ratio Lower Upper

94 100

65 36.2 17.6 57.6

66 52.1 35.2 75.2





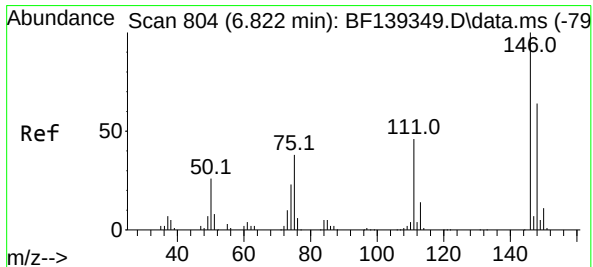
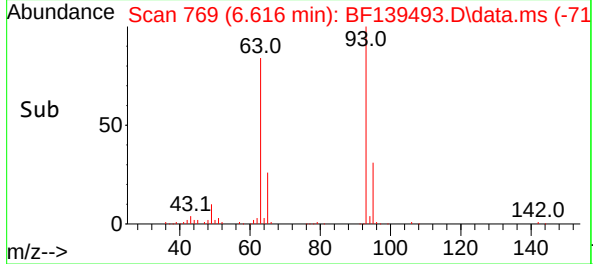
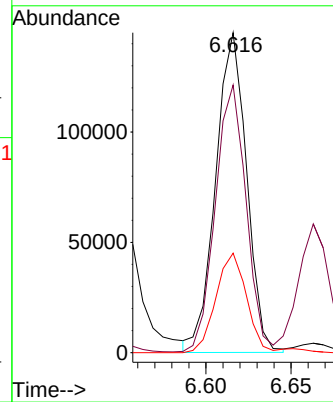
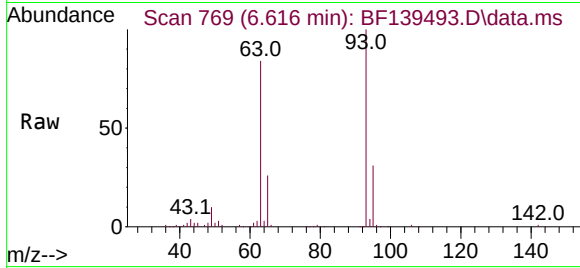
#11
bis(2-Chloroethyl)ether
Concen: 40.387 ng
RT: 6.616 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 183340
Ion Ratio Lower Upper
93 100
63 83.6 65.3 105.3
95 31.1 12.4 52.4

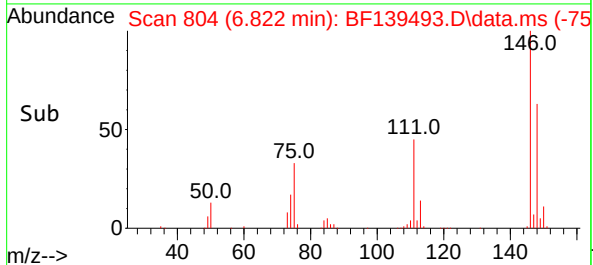
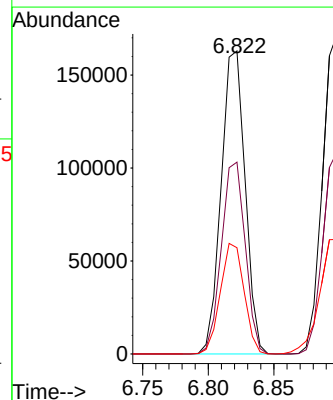
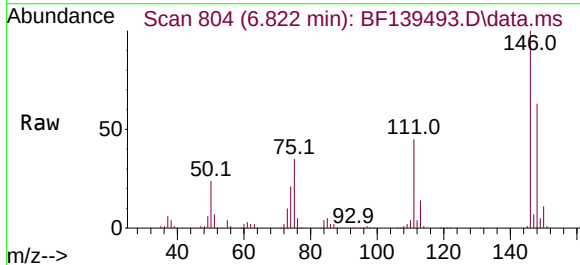
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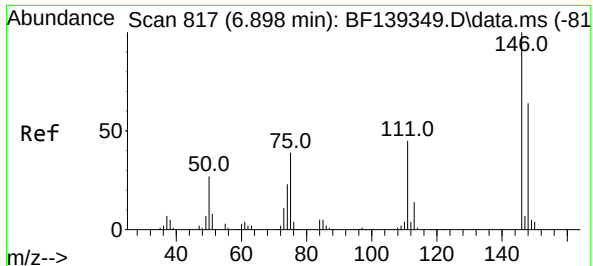
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#12
1,3-Dichlorobenzene
Concen: 39.552 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

Tgt Ion:146 Resp: 206869
Ion Ratio Lower Upper
146 100
148 63.3 51.2 76.8
75 35.1 30.6 46.0





#13

1,4-Dichlorobenzene

Concen: 40.182 ng

RT: 6.898 min Scan# 817

Delta R.T. -0.000 min

Lab File: BF139493.D

Acq: 20 Sep 2024 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 21238

Ion Ratio Lower Upper

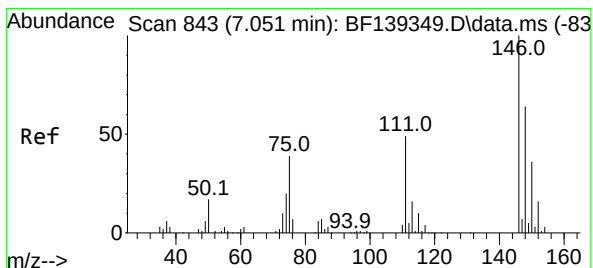
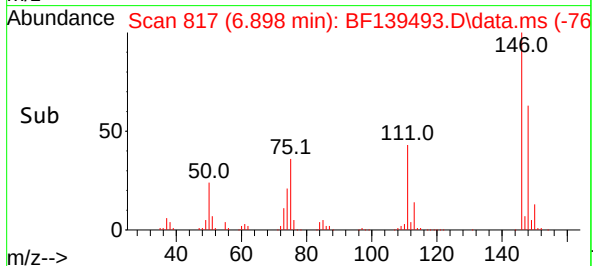
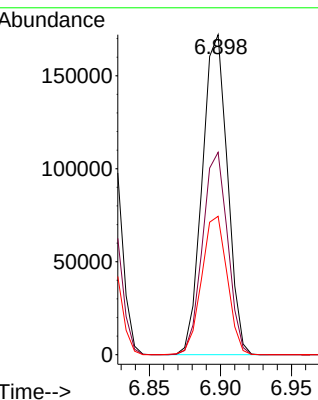
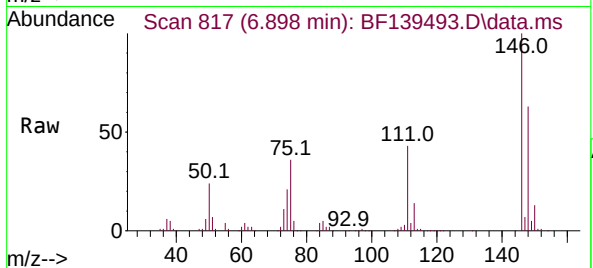
146 100

148 63.2 50.9 76.3

111 43.3 36.3 54.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#14

1,2-Dichlorobenzene

Concen: 39.684 ng

RT: 7.051 min Scan# 843

Delta R.T. -0.000 min

Lab File: BF139493.D

Acq: 20 Sep 2024 10:09

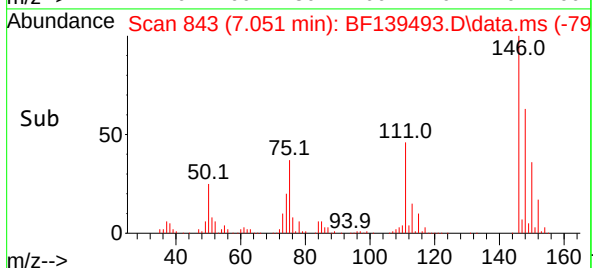
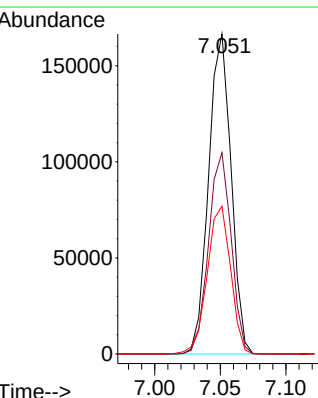
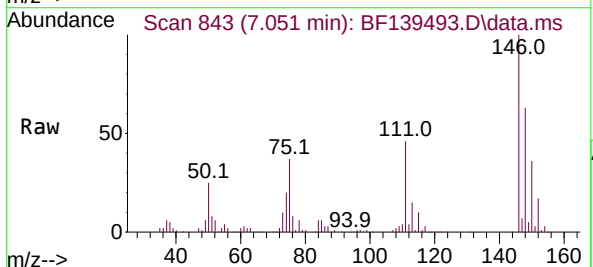
Tgt Ion:146 Resp: 198196

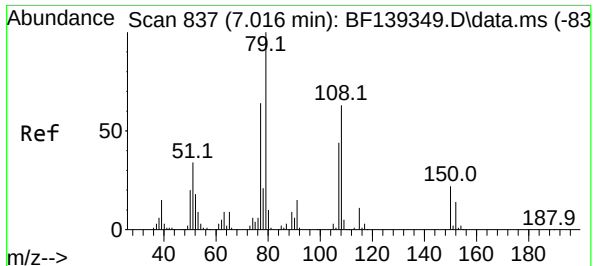
Ion Ratio Lower Upper

146 100

148 62.9 50.9 76.3

111 46.1 38.9 58.3





#15

Benzyl Alcohol

Concen: 38.676 ng

RT: 7.022 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF139493.D

Acq: 20 Sep 2024 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 18095

Ion Ratio Lower Upper

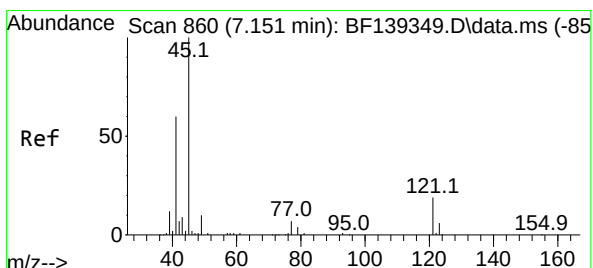
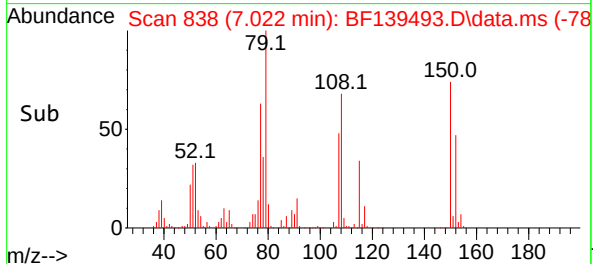
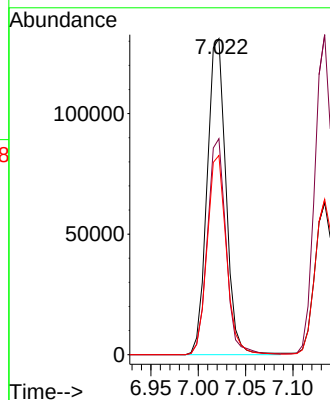
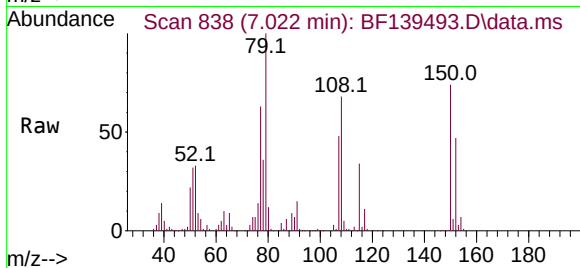
79 100

108 68.4 50.4 75.6

77 63.0 51.4 77.2

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Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.868 ng

RT: 7.151 min Scan# 860

Delta R.T. -0.000 min

Lab File: BF139493.D

Acq: 20 Sep 2024 10:09

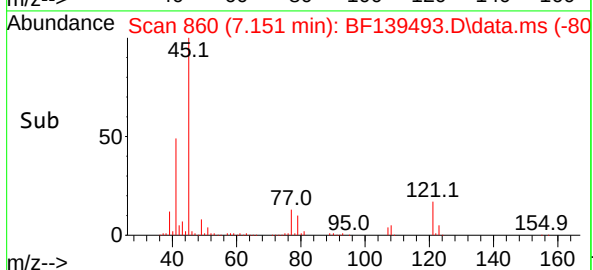
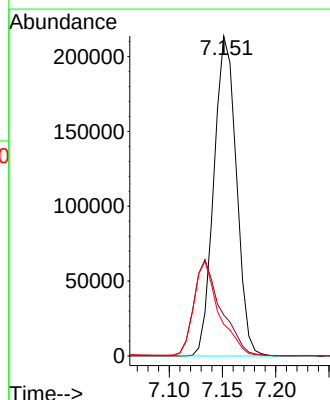
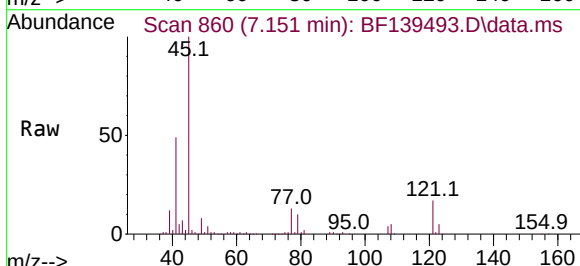
Tgt Ion: 45 Resp: 313902

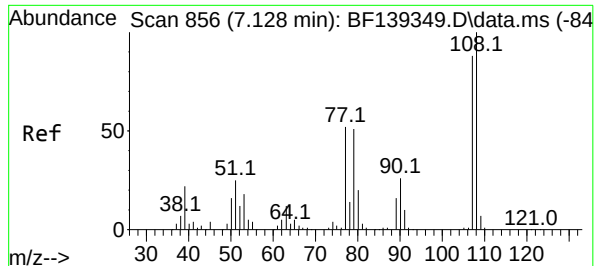
Ion Ratio Lower Upper

45 100

77 12.8 0.0 32.0

79 9.9 0.0 29.1





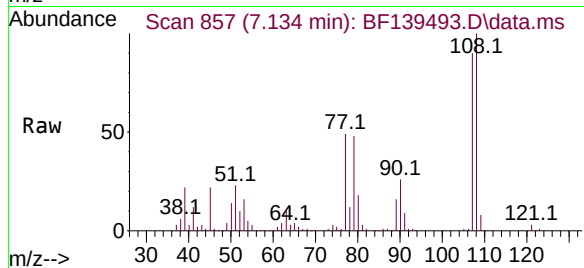
#17
2-Methylphenol
Concen: 41.437 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

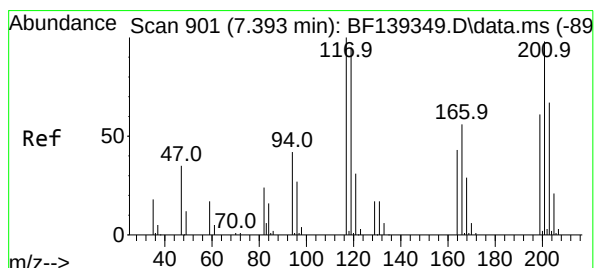
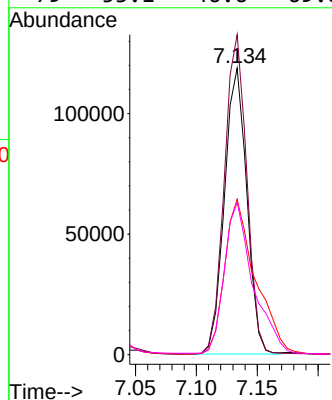
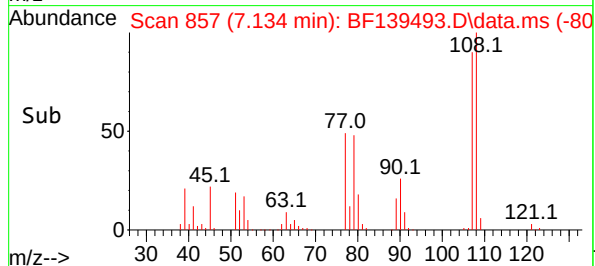


Tgt Ion:107 Resp: 151410
Ion Ratio Lower Upper
107 100
108 111.7 90.5 135.7
77 54.2 47.1 70.7
79 53.1 46.6 69.8

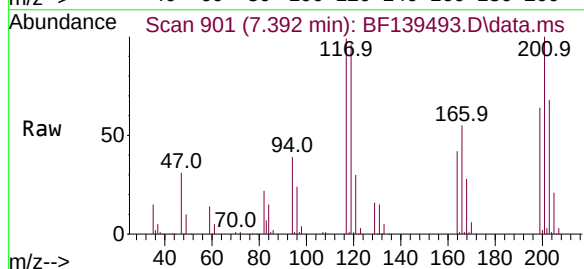
Manual Integrations

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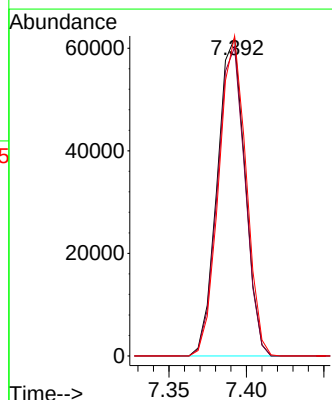
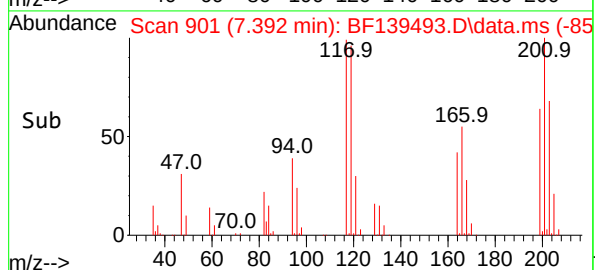
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

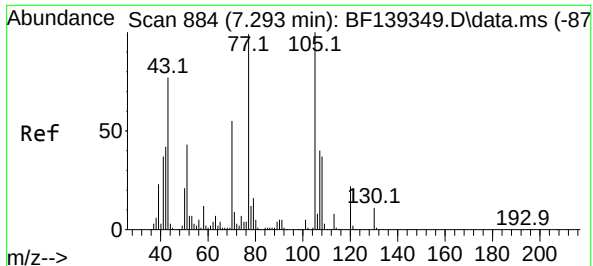


#18
Hexachloroethane
Concen: 38.249 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09



Tgt Ion:117 Resp: 77001
Ion Ratio Lower Upper
117 100
119 97.2 75.8 113.8
201 100.7 78.6 118.0





#19

n-Nitroso-di-n-propylamine

Concen: 40.259 ng

RT: 7.292 min Scan# 884

Delta R.T. -0.000 min

Lab File: BF139493.D

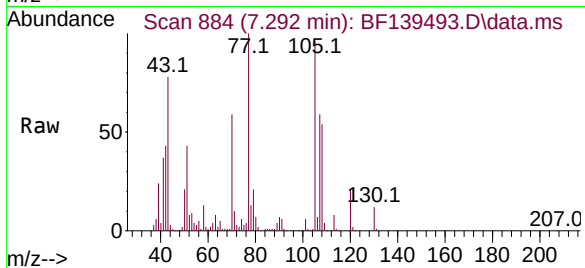
Acq: 20 Sep 2024 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 13990

Ion Ratio Lower Upper

70 100

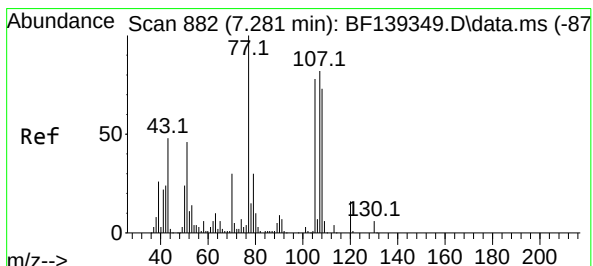
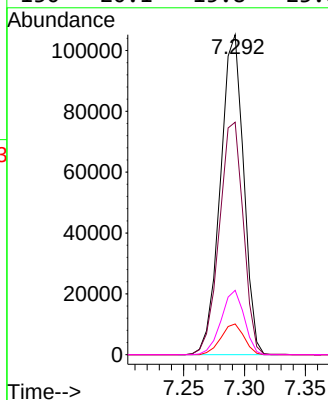
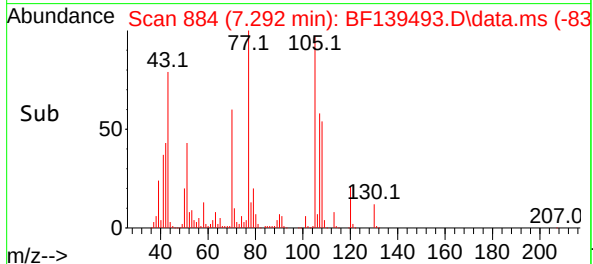
42 72.6 61.2 91.8

101 9.6 7.5 11.3

130 20.1 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#20

3+4-Methylphenols

Concen: 39.607 ng

RT: 7.286 min Scan# 883

Delta R.T. 0.006 min

Lab File: BF139493.D

Acq: 20 Sep 2024 10:09

Tgt Ion:107 Resp: 197449

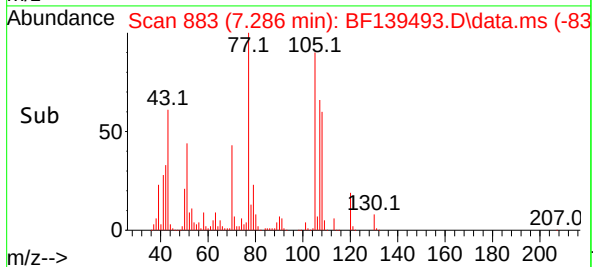
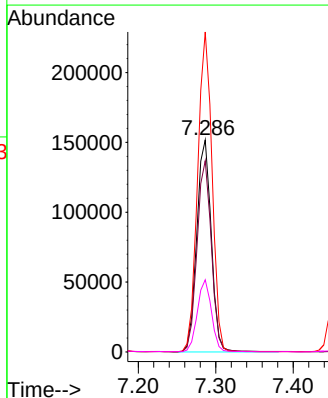
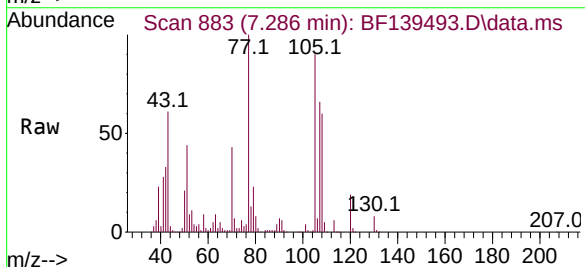
Ion Ratio Lower Upper

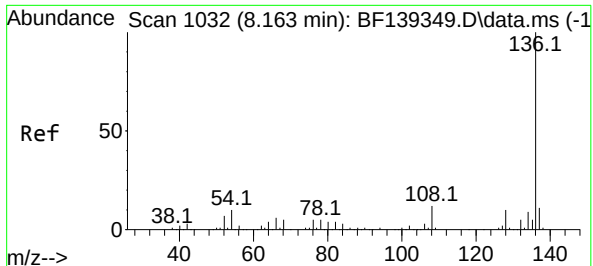
107 100

108 90.2 68.6 108.6

77 150.9 101.6 141.6#

79 34.0 16.3 56.3





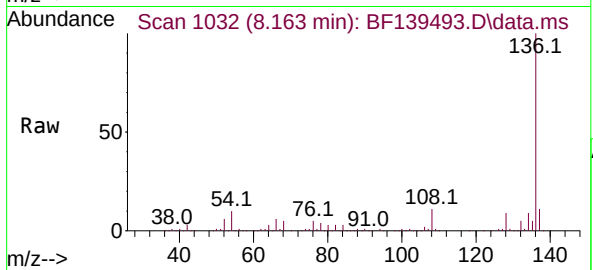
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

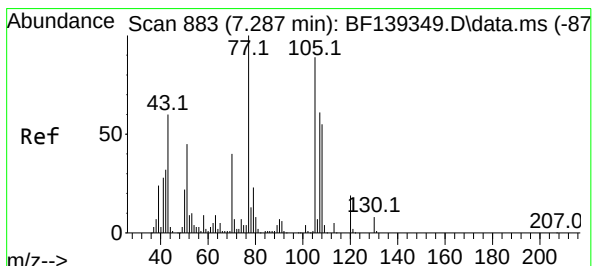
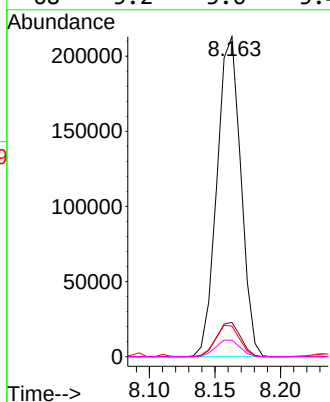
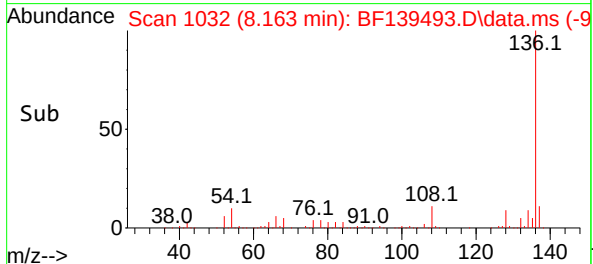


Tgt Ion:136 Resp: 269370
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 9.6 7.8 11.8
68 5.2 3.6 5.4

Manual Integrations

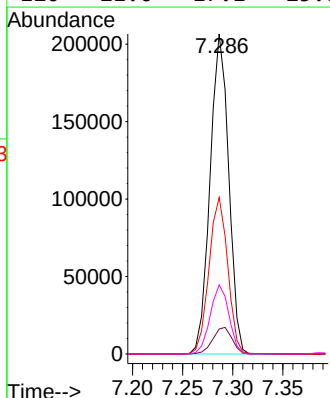
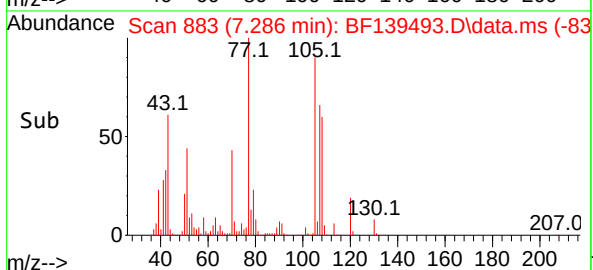
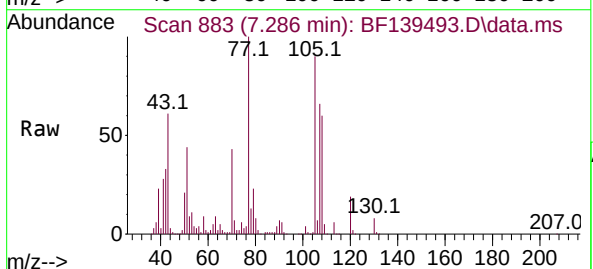
APPROVED

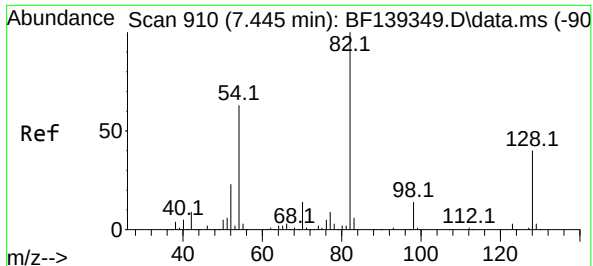
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#22
Acetophenone
Concen: 37.910 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

Tgt Ion:105 Resp: 266974
Ion Ratio Lower Upper
105 100
71 7.8 5.9 8.9
51 48.9 40.0 60.0
120 21.6 17.1 25.7





#23

Nitrobenzene-d5

Concen: 77.439 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF139493.D

Acq: 20 Sep 2024 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 443720

Ion Ratio Lower Upper

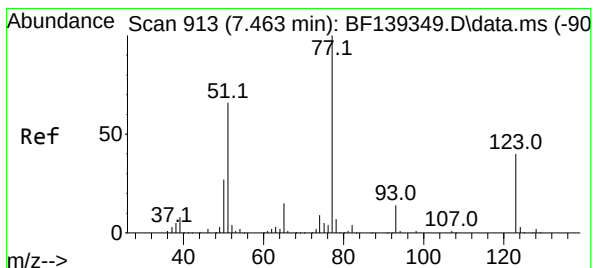
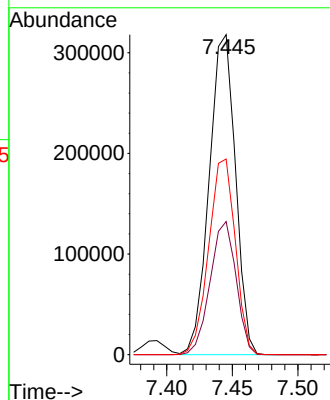
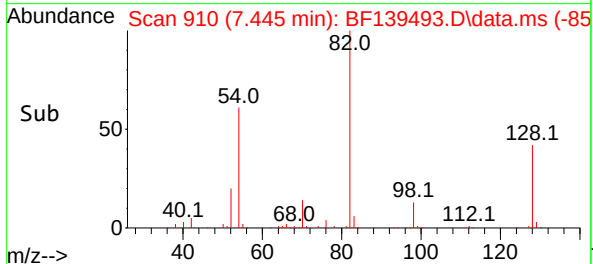
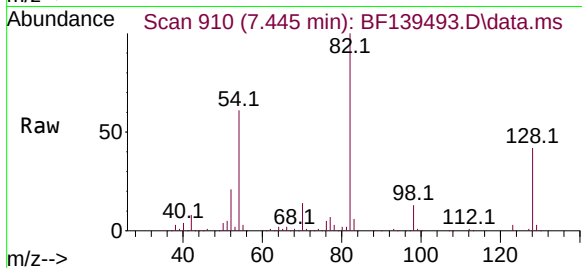
82 100

128 41.6 31.8 47.6

54 61.1 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#24

Nitrobenzene

Concen: 39.014 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF139493.D

Acq: 20 Sep 2024 10:09

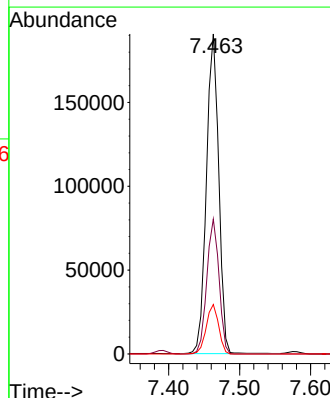
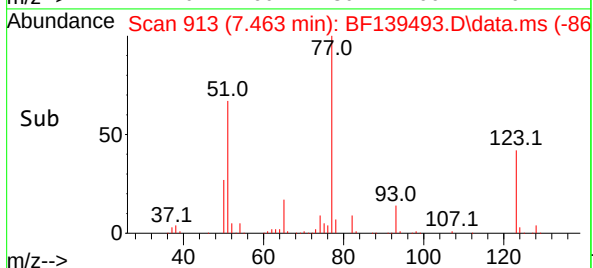
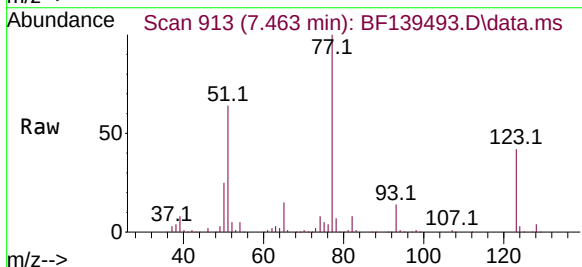
Tgt Ion: 77 Resp: 230083

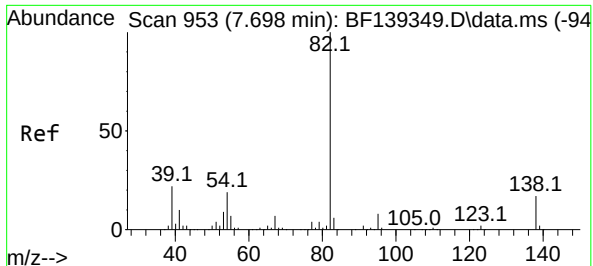
Ion Ratio Lower Upper

77 100

123 42.1 32.2 48.4

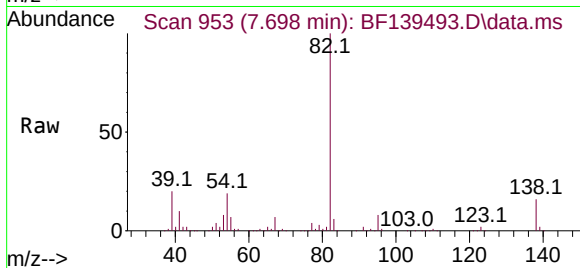
65 15.5 12.2 18.4





#25
Isophorone
Concen: 40.062 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

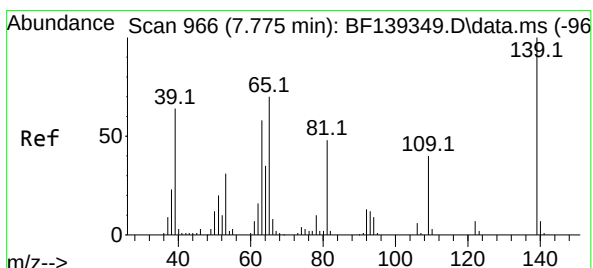
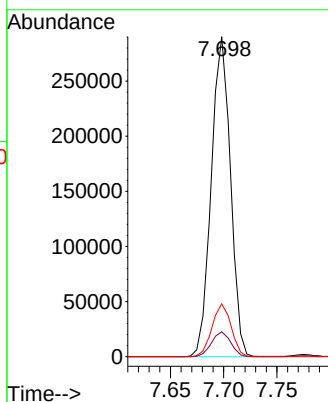
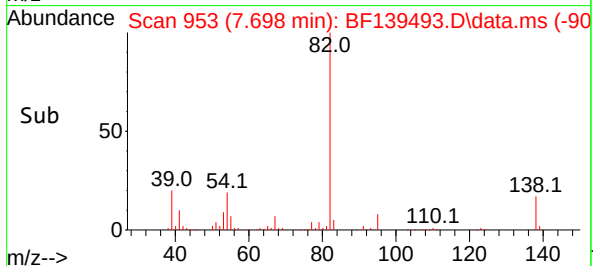
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 82 Resp: 36304
Ion Ratio Lower Upper
82 100
95 7.8 6.7 10.1
138 16.5 13.3 19.9

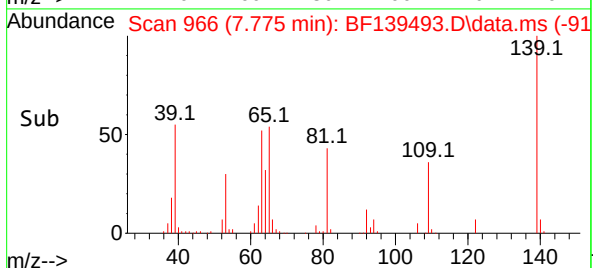
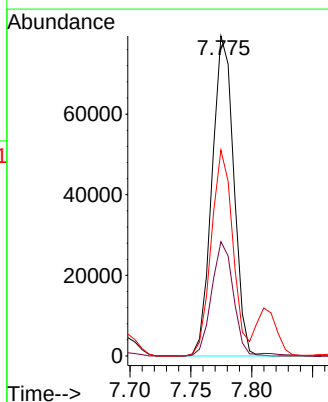
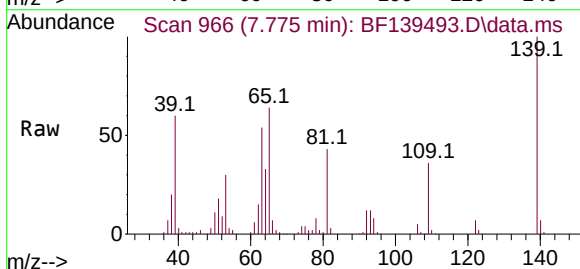
Manual Integrations
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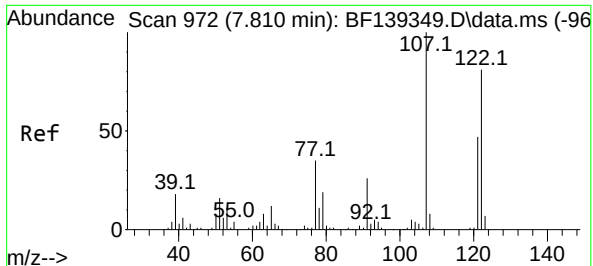
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#26
2-Nitrophenol
Concen: 42.833 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

Tgt Ion:139 Resp: 98413
Ion Ratio Lower Upper
139 100
109 35.7 32.2 48.2
65 64.3 55.8 83.8





#27

2,4-Dimethylphenol

Concen: 40.804 ng m

RT: 7.810 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF139493.D

Acq: 20 Sep 2024 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:122 Resp: 12366

Ion Ratio Lower Upper

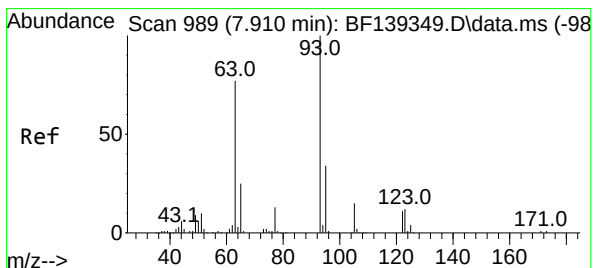
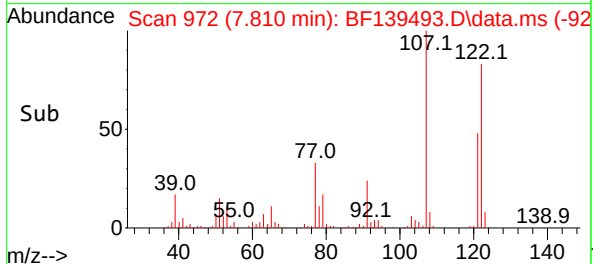
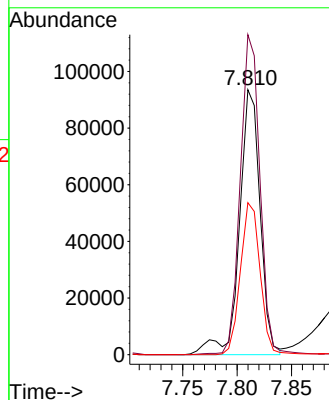
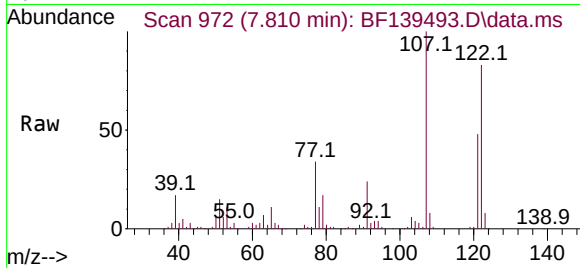
122 100

107 120.8 99.1 148.7

121 57.4 46.6 70.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#28

bis(2-Chloroethoxy)methane

Concen: 40.865 ng

RT: 7.910 min Scan# 989

Delta R.T. -0.000 min

Lab File: BF139493.D

Acq: 20 Sep 2024 10:09

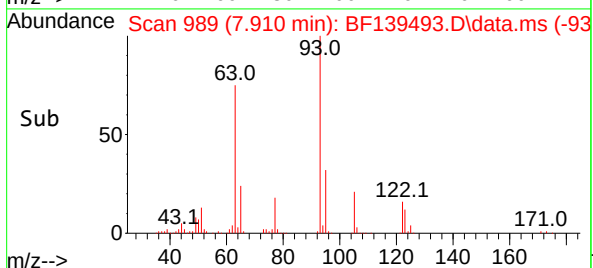
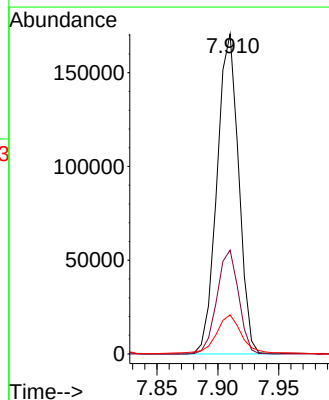
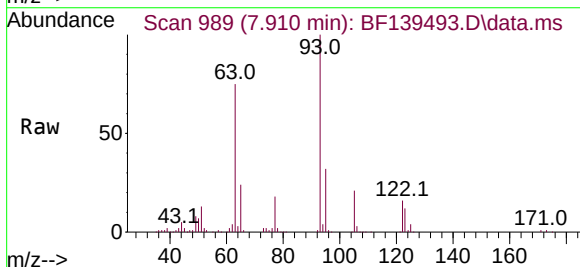
Tgt Ion: 93 Resp: 211054

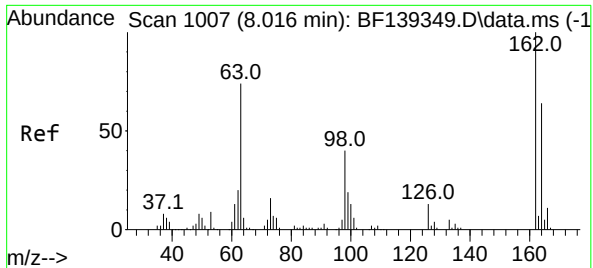
Ion Ratio Lower Upper

93 100

95 32.4 26.9 40.3

123 12.2 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 40.104 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF139493.D

Acq: 20 Sep 2024 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 154408

Ion Ratio Lower Upper

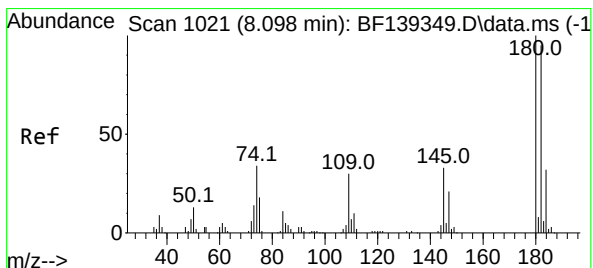
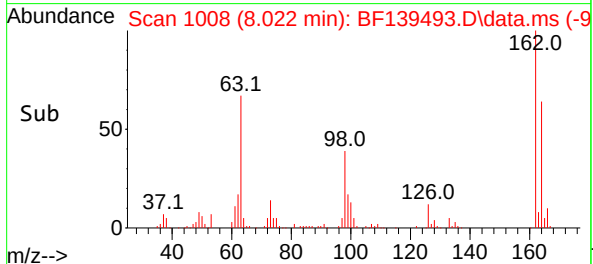
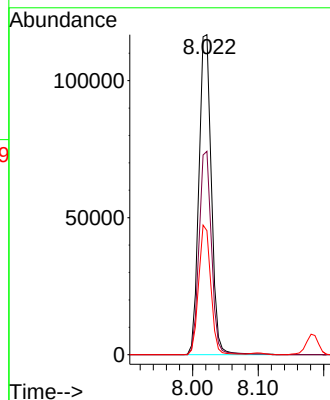
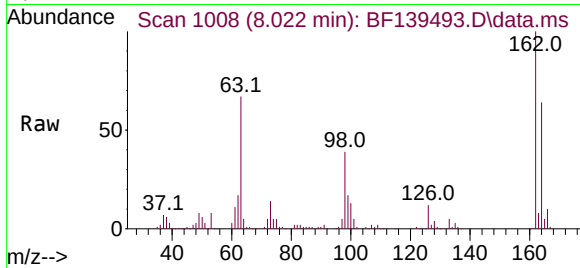
162 100

164 63.6 43.6 83.6

98 38.7 19.7 59.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#30

1,2,4-Trichlorobenzene

Concen: 38.526 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BF139493.D

Acq: 20 Sep 2024 10:09

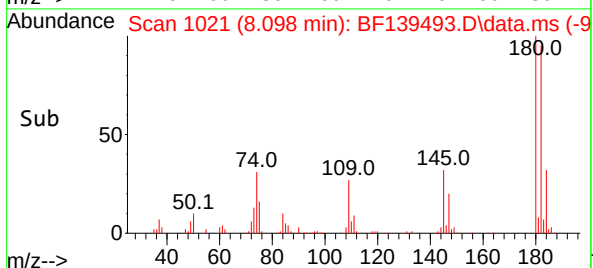
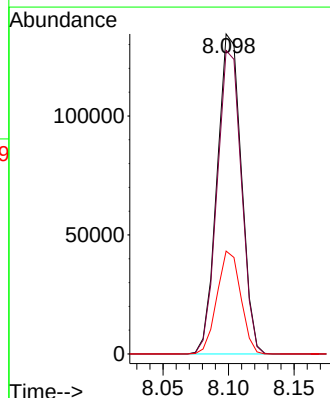
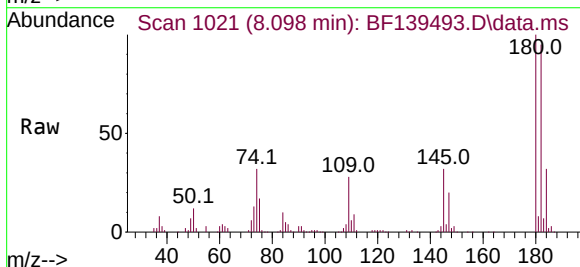
Tgt Ion:180 Resp: 172832

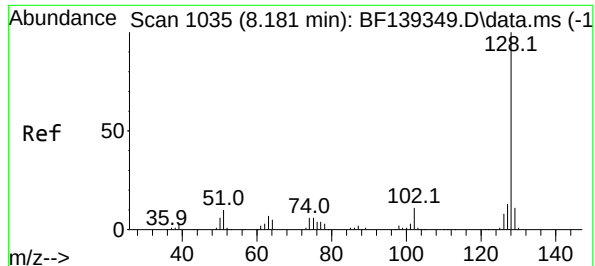
Ion Ratio Lower Upper

180 100

182 94.9 75.7 113.5

145 32.2 26.5 39.7





#31
Naphthalene
Concen: 39.615 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

Instrument :

BNA_F

ClientSampleId :

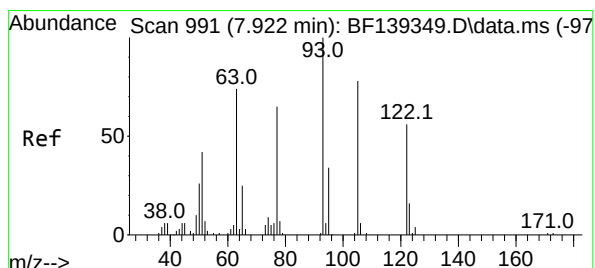
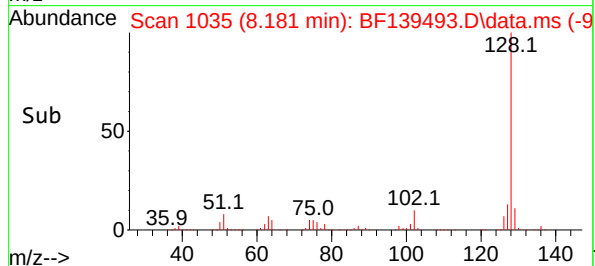
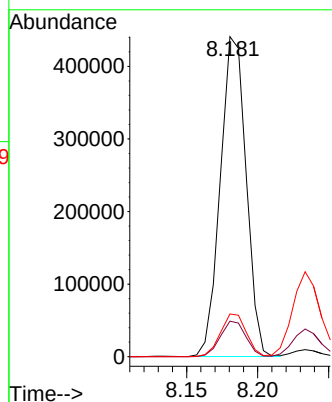
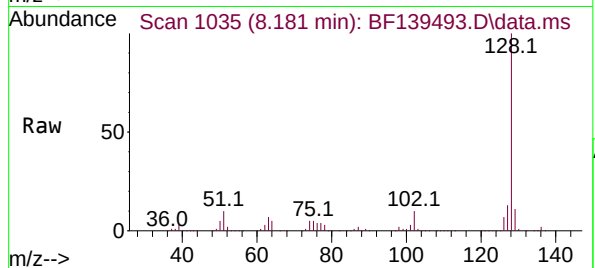
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	13.0
127	13.3	10.6	16.0

Manual Integrations

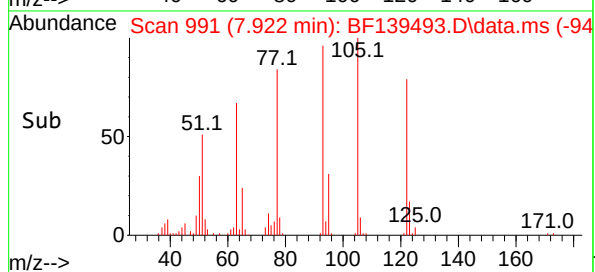
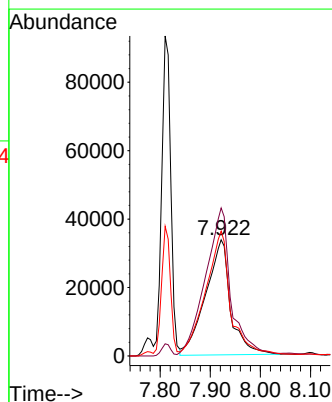
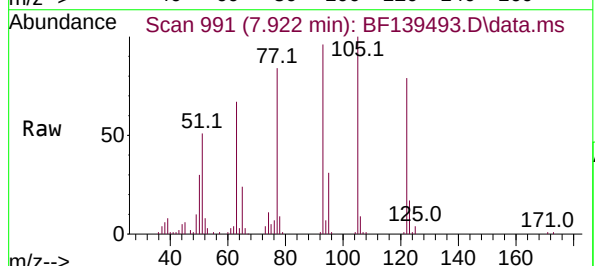
APPROVED

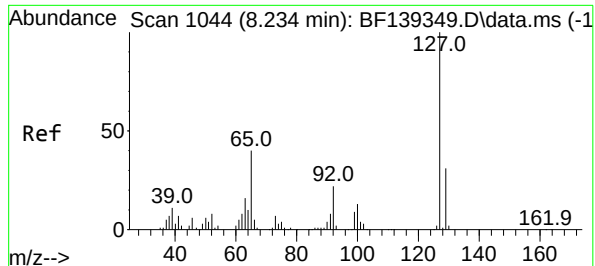
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#32
Benzoic acid
Concen: 40.999 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.000 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.3	117.1	157.1
77	107.3	95.4	135.4





#33
4-Chloroaniline
Concen: 40.856 ng
RT: 8.233 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

Instrument :

BNA_F

ClientSampleId :

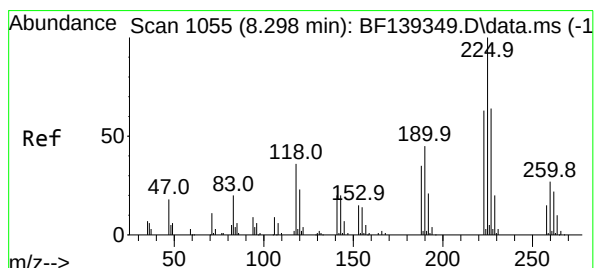
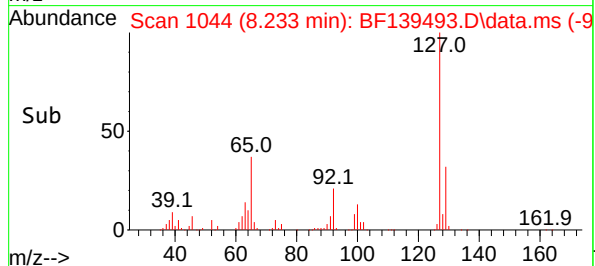
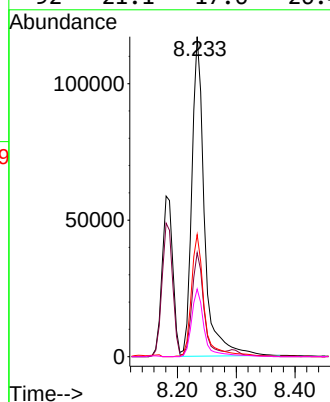
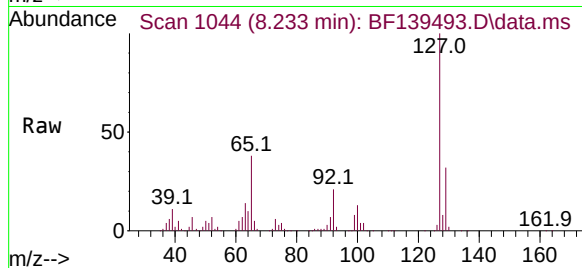
SSTDCCC040

Tgt Ion:127 Resp: 17577
Ion Ratio Lower Upper
127 100
129 32.5 25.5 38.3
65 38.2 31.5 47.3
92 21.1 17.6 26.4

Manual Integrations

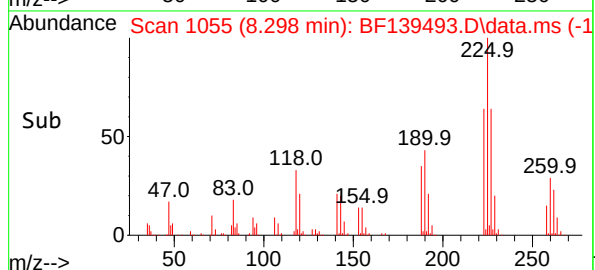
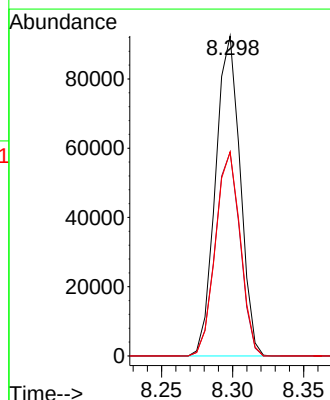
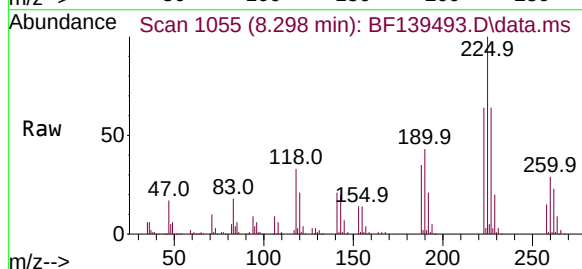
APPROVED

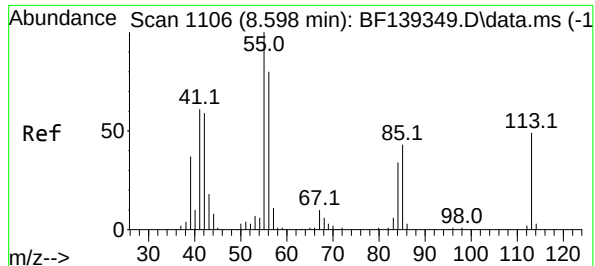
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#34
Hexachlorobutadiene
Concen: 36.497 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

Tgt Ion:225 Resp: 111238
Ion Ratio Lower Upper
225 100
223 63.7 50.1 75.1
227 63.8 51.0 76.6





#35

Caprolactam

Concen: 42.778 ng

RT: 8.598 min Scan# 1106

Delta R.T. -0.000 min

Lab File: BF139493.D

Acq: 20 Sep 2024 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:113 Resp: 5066

Ion Ratio Lower Upper

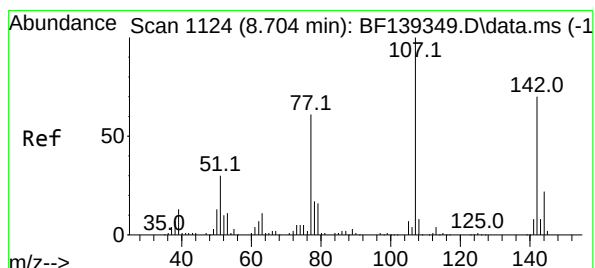
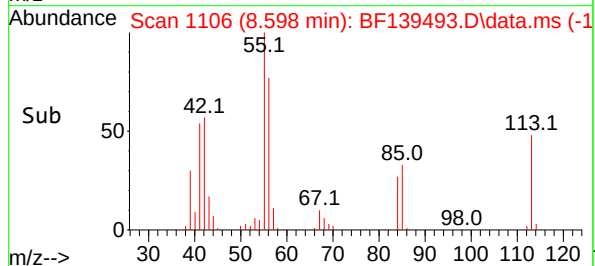
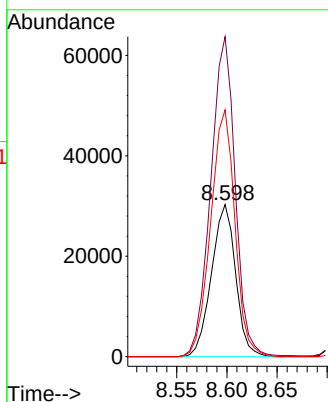
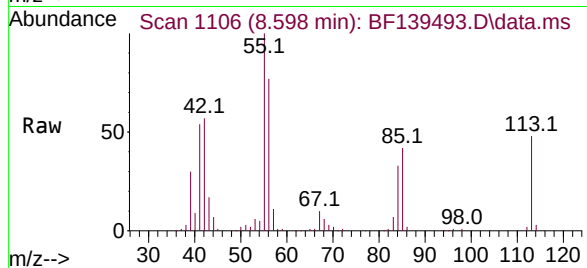
113 100

55 210.3 186.1 226.1

56 162.2 144.9 184.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#36

4-Chloro-3-methylphenol

Concen: 39.626 ng

RT: 8.710 min Scan# 1125

Delta R.T. 0.006 min

Lab File: BF139493.D

Acq: 20 Sep 2024 10:09

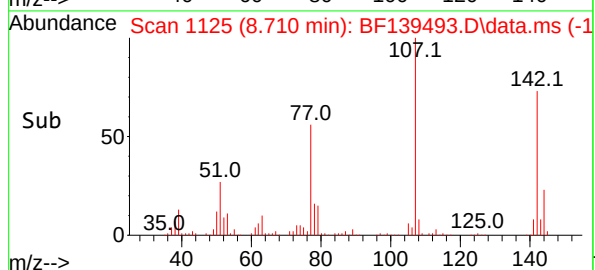
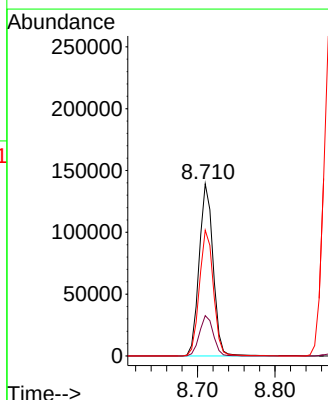
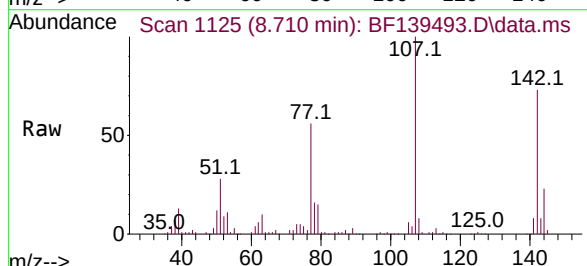
Tgt Ion:107 Resp: 174363

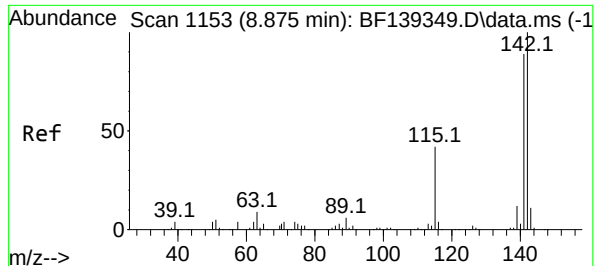
Ion Ratio Lower Upper

107 100

144 23.4 17.5 26.3

142 73.1 55.8 83.8





#37
2-Methylnaphthalene
Concen: 39.129 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

Instrument :

BNA_F

ClientSampleId :

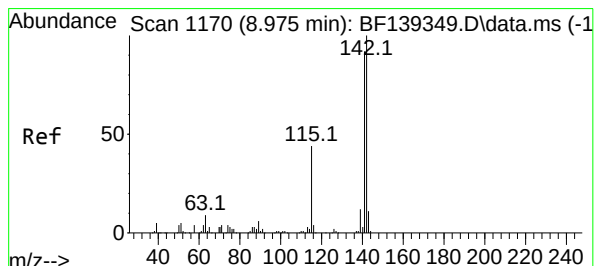
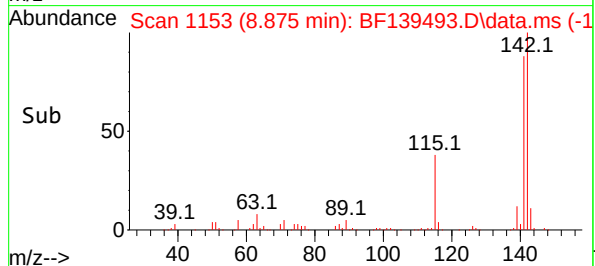
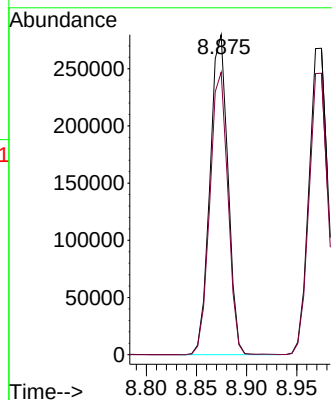
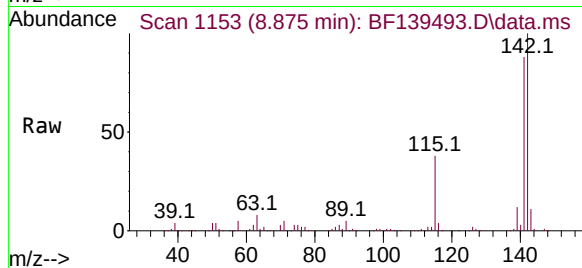
SSTDCCC040

Tgt Ion:142 Resp: 34927
Ion Ratio Lower Upper
142 100
141 88.3 71.6 107.4

Manual Integrations

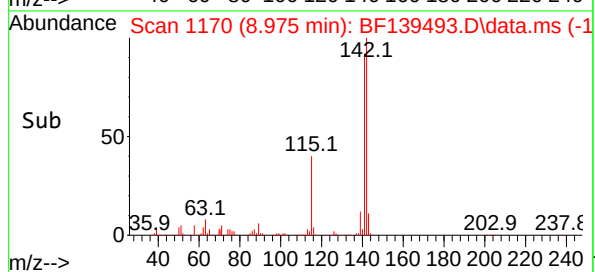
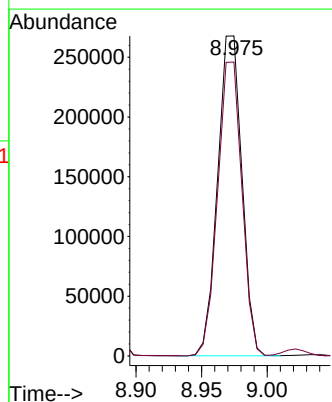
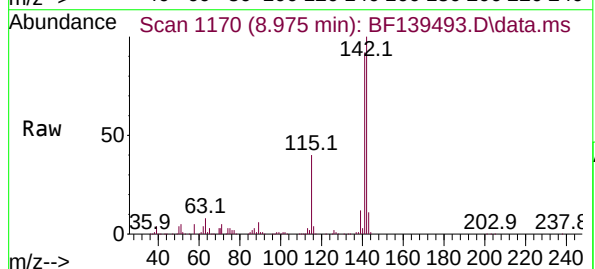
APPROVED

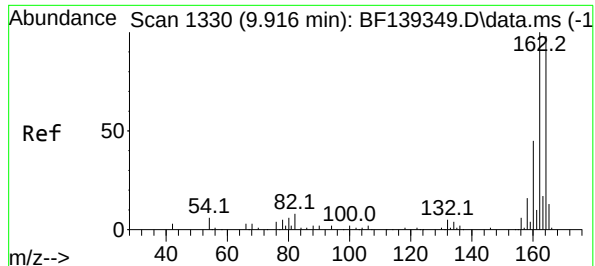
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#38
1-Methylnaphthalene
Concen: 39.364 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

Tgt Ion:142 Resp: 344967
Ion Ratio Lower Upper
142 100
141 91.9 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF139493.D

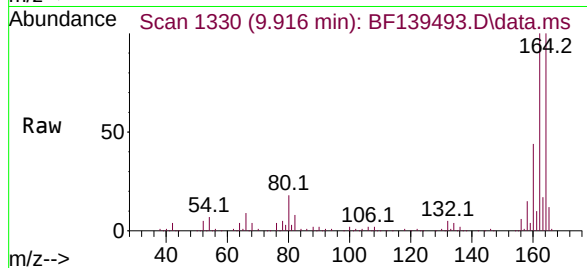
Acq: 20 Sep 2024 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 147488

Ion Ratio Lower Upper

164 100

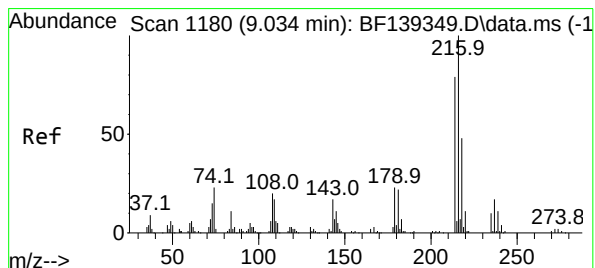
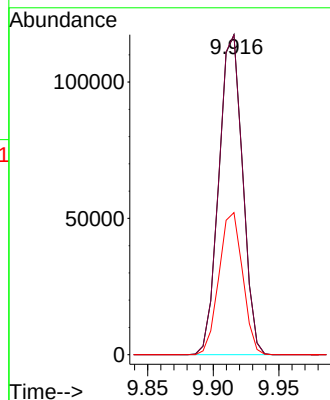
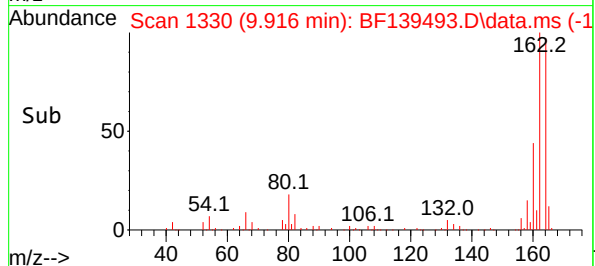
162 99.9 81.3 121.9

160 44.4 36.4 54.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.909 ng

RT: 9.033 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF139493.D

Acq: 20 Sep 2024 10:09

Tgt Ion:216 Resp: 170076

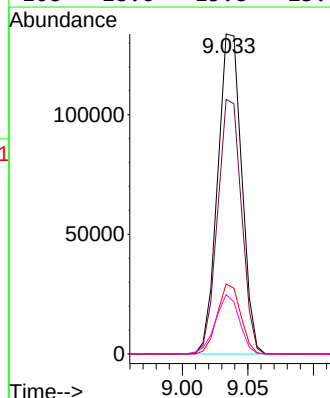
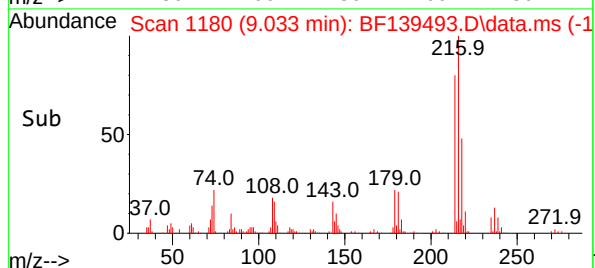
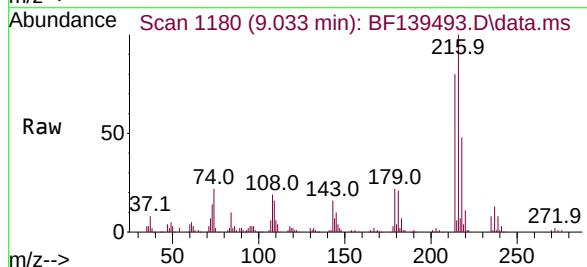
Ion Ratio Lower Upper

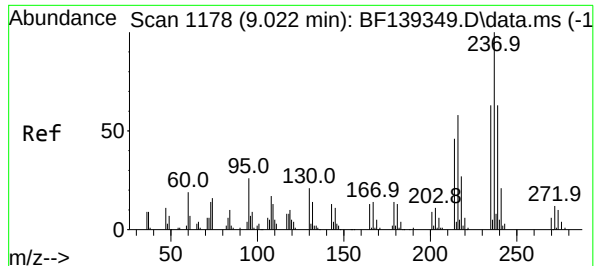
216 100

214 79.0 63.4 95.0

179 21.3 18.2 27.2

108 18.6 15.8 23.6





#41

Hexachlorocyclopentadiene

Concen: 35.909 ng

RT: 9.022 min Scan# 1178

Delta R.T. -0.000 min

Lab File: BF139493.D

Acq: 20 Sep 2024 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:237 Resp: 5480

Ion Ratio Lower Upper

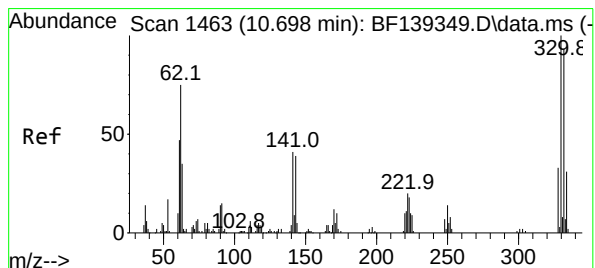
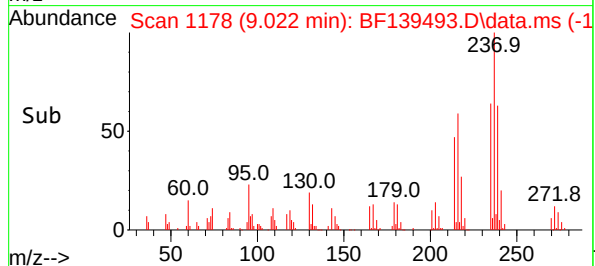
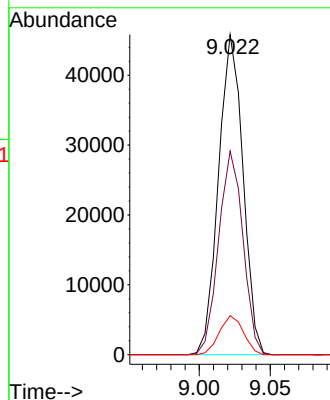
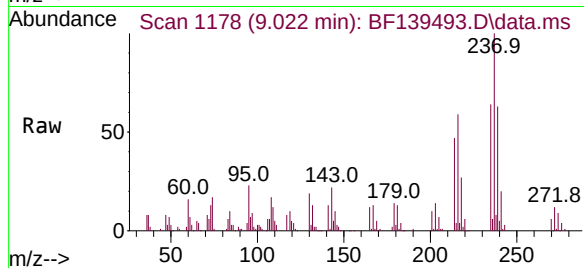
237 100

235 63.6 42.7 82.7

272 12.2 0.0 32.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#42

2,4,6-Tribromophenol

Concen: 72.067 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.006 min

Lab File: BF139493.D

Acq: 20 Sep 2024 10:09

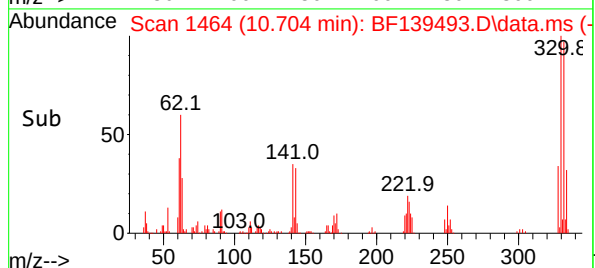
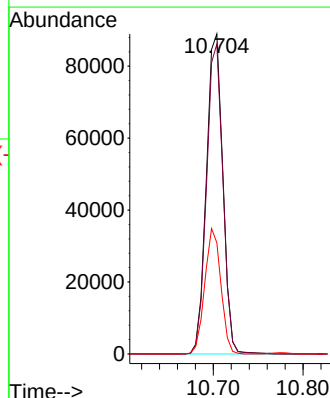
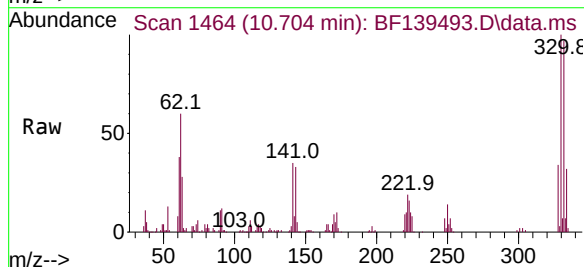
Tgt Ion:330 Resp: 113159

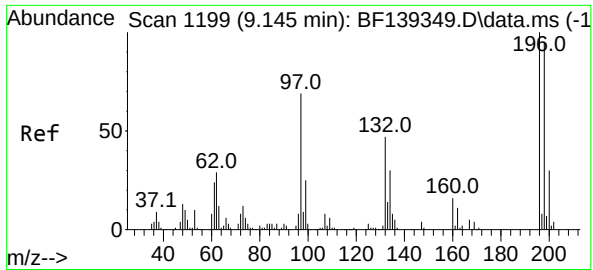
Ion Ratio Lower Upper

330 100

332 96.1 75.2 112.8

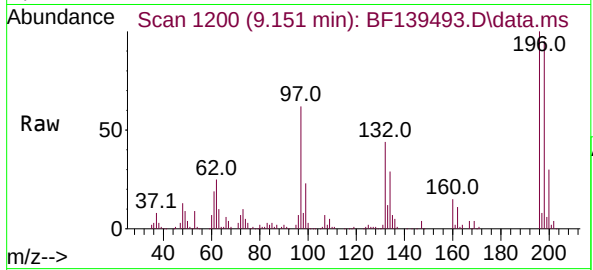
141 38.3 31.2 46.8





#43
2,4,6-Trichlorophenol
Concen: 39.431 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

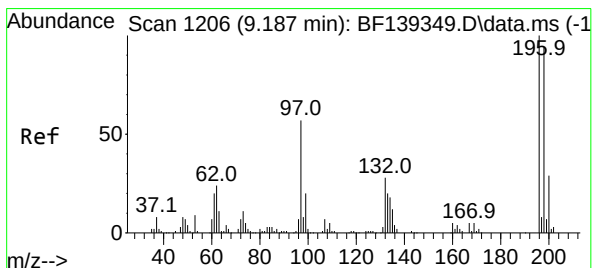
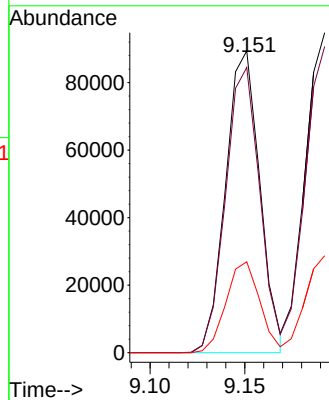
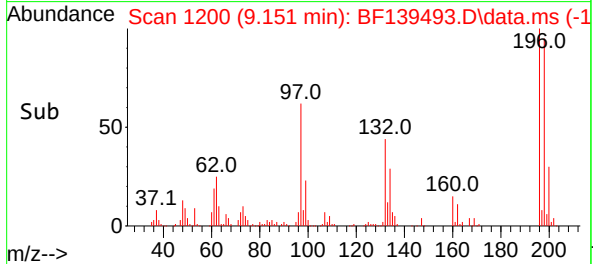
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



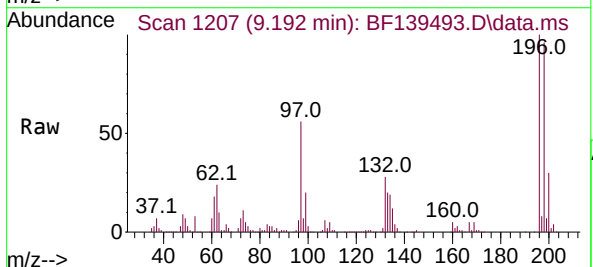
Tgt Ion:196 Resp: 11213
Ion Ratio Lower Upper
196 100
198 94.5 75.8 113.6
200 30.1 24.1 36.1

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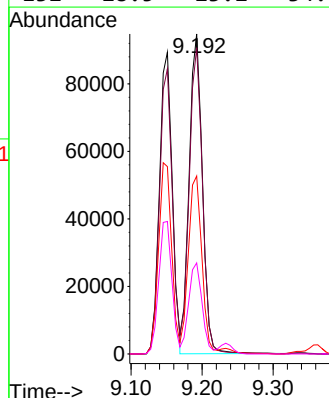
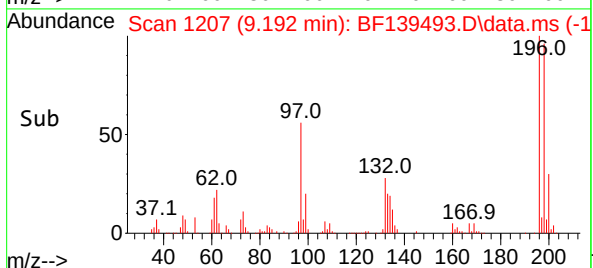
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

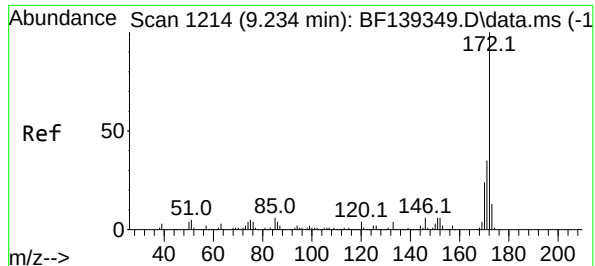


#44
2,4,5-Trichlorophenol
Concen: 40.768 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09



Tgt Ion:196 Resp: 122295
Ion Ratio Lower Upper
196 100
198 95.7 74.8 112.2
97 55.6 47.3 70.9
132 28.5 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 74.973 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139493.D

Acq: 20 Sep 2024 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 78841

Ion Ratio Lower Upper

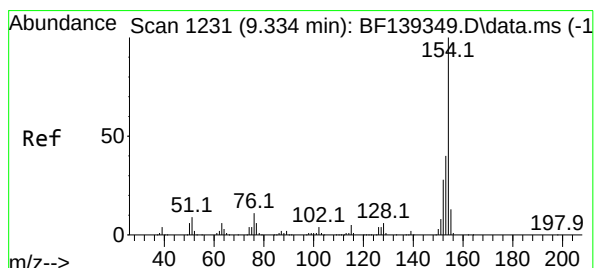
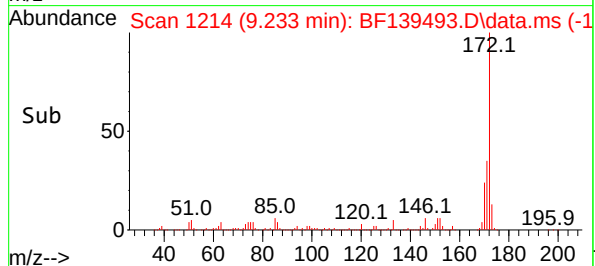
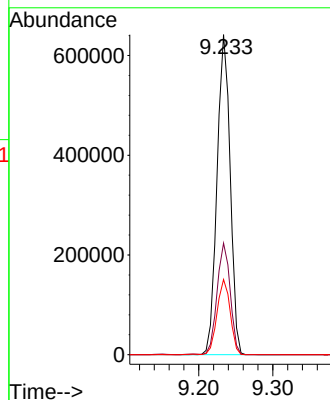
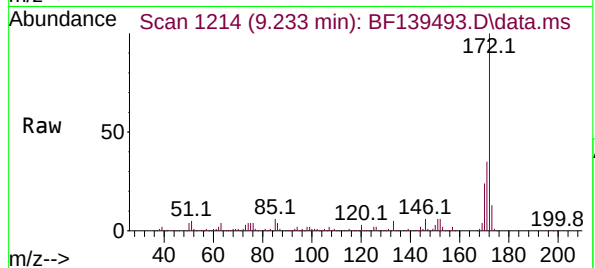
172 100

171 34.9 28.3 42.5

170 23.5 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#46

1,1'-Biphenyl

Concen: 39.108 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF139493.D

Acq: 20 Sep 2024 10:09

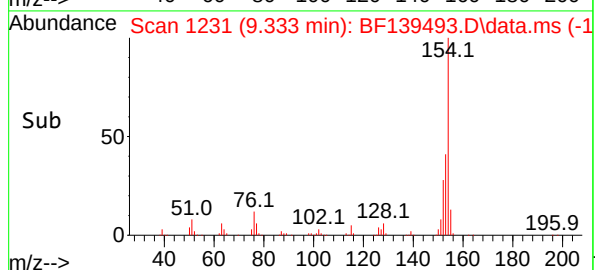
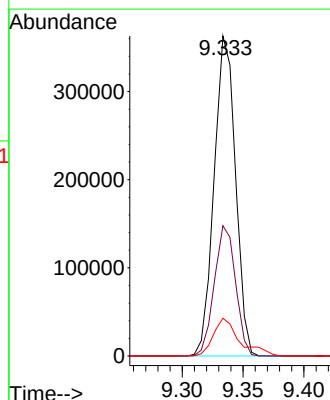
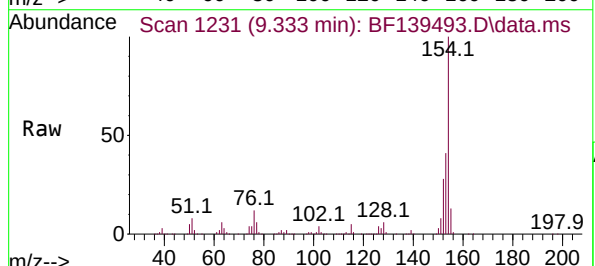
Tgt Ion:154 Resp: 443740

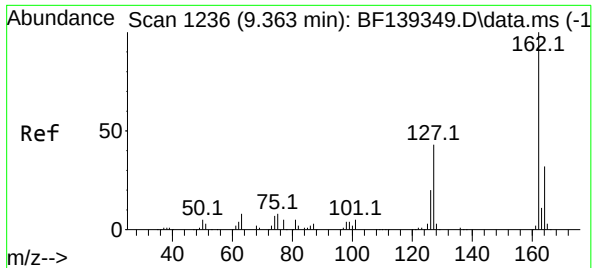
Ion Ratio Lower Upper

154 100

153 40.7 20.1 60.1

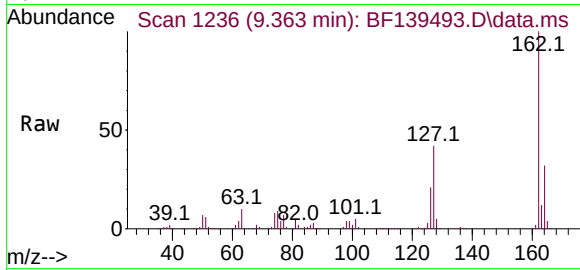
76 11.8 0.0 31.1





#47
2-Chloronaphthalene
Concen: 39.967 ng
RT: 9.363 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

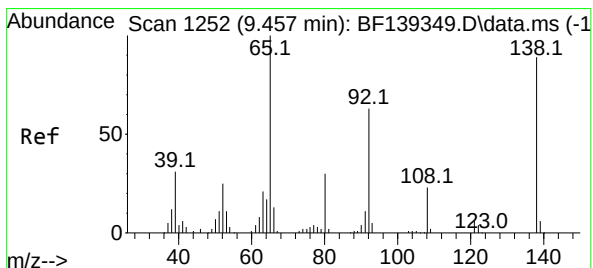
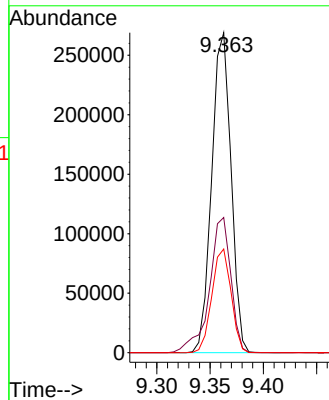
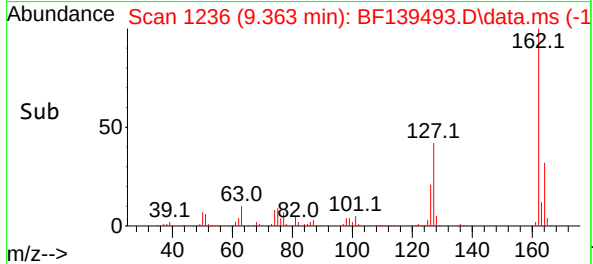
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 162 Resp: 339075
Ion Ratio Lower Upper
162 100
127 42.2 35.0 52.4
164 32.4 25.8 38.6

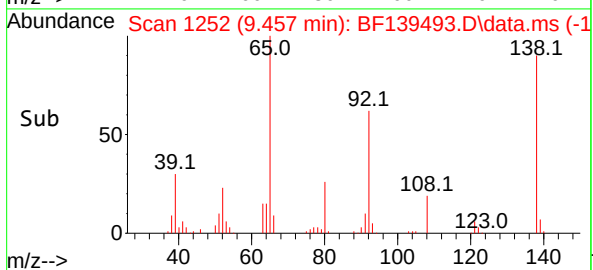
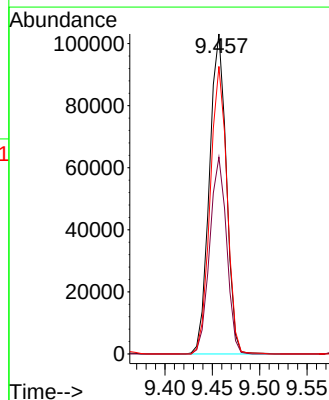
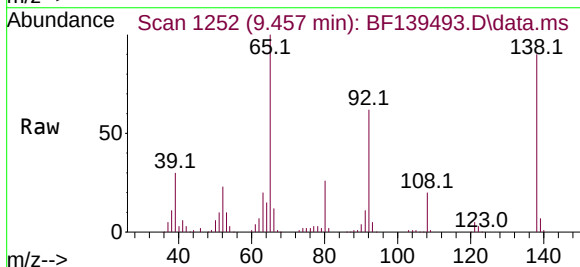
Manual Integrations
APPROVED

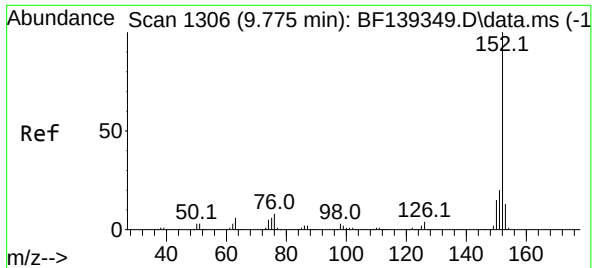
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#48
2-Nitroaniline
Concen: 40.612 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

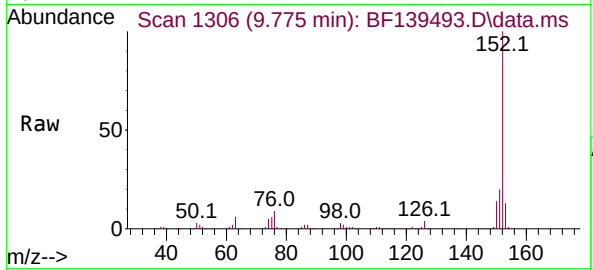
Tgt Ion: 65 Resp: 128152
Ion Ratio Lower Upper
65 100
92 61.5 50.3 75.5
138 89.8 71.3 106.9





#49
Acenaphthylene
Concen: 40.203 ng
RT: 9.775 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

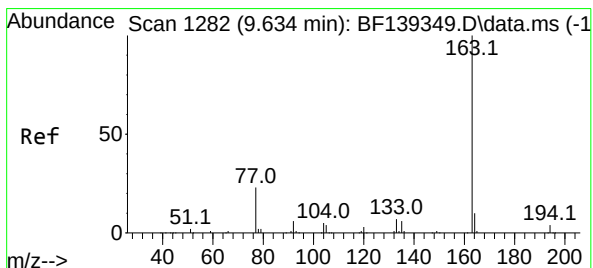
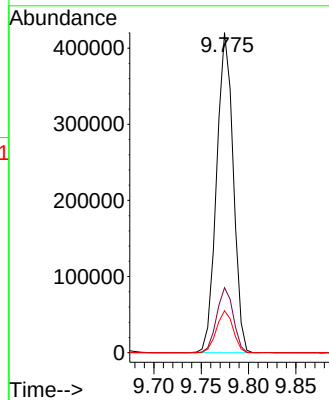
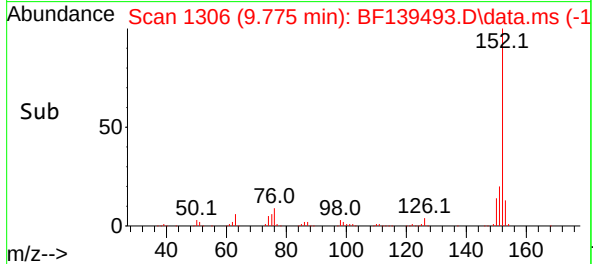
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 513420
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.1 10.3 15.5

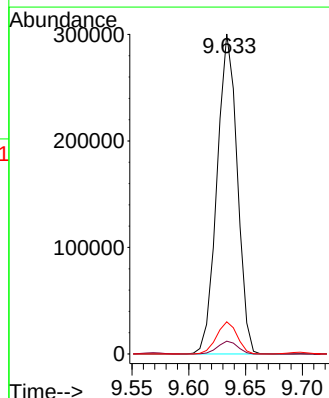
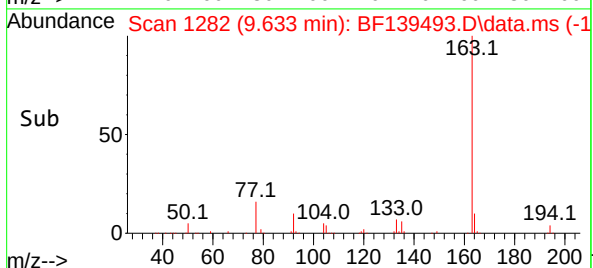
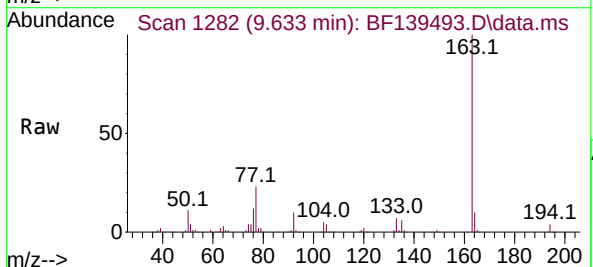
Manual Integrations
APPROVED

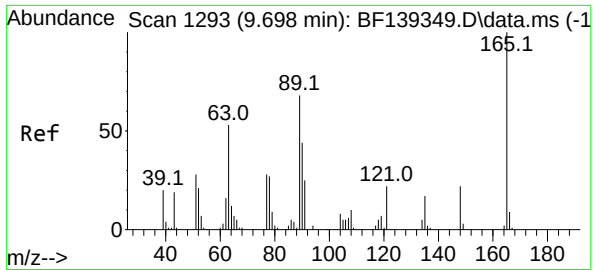
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#50
Dimethylphthalate
Concen: 38.502 ng
RT: 9.633 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

Tgt Ion:163 Resp: 372714
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.1 8.2 12.2





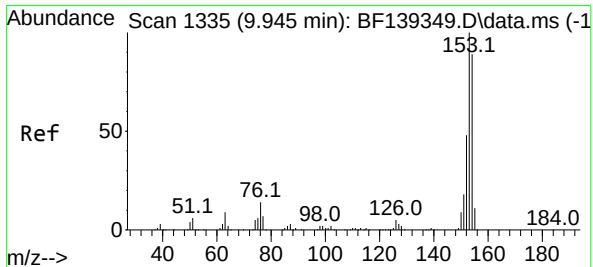
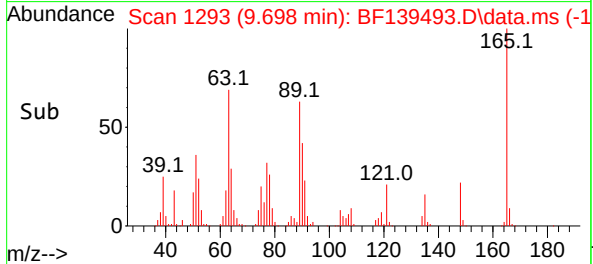
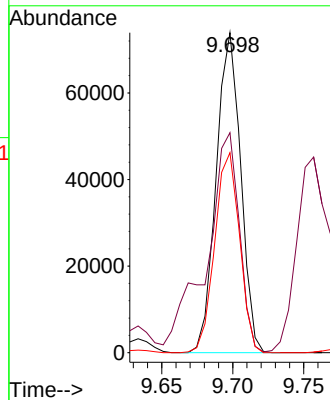
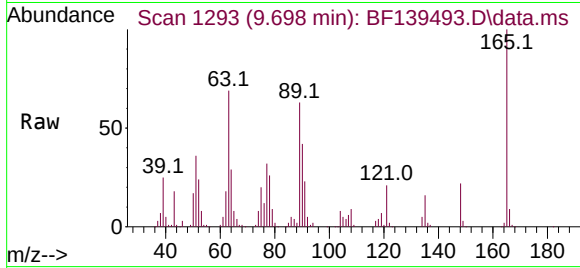
#51
2,6-Dinitrotoluene
Concen: 41.341 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 88654
Ion Ratio Lower Upper
165 100
63 68.8 60.9 91.3
89 62.5 54.7 82.1

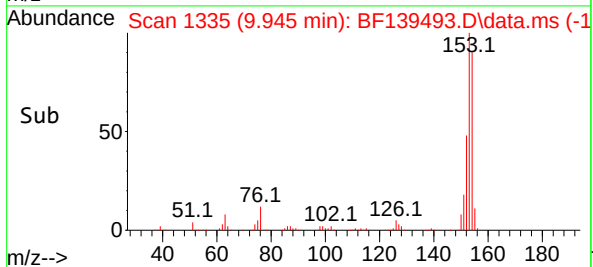
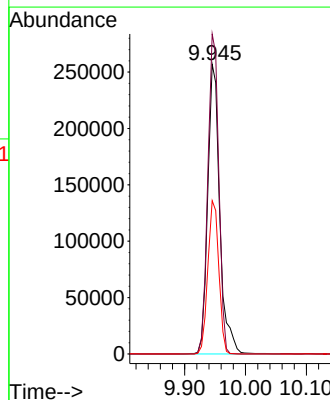
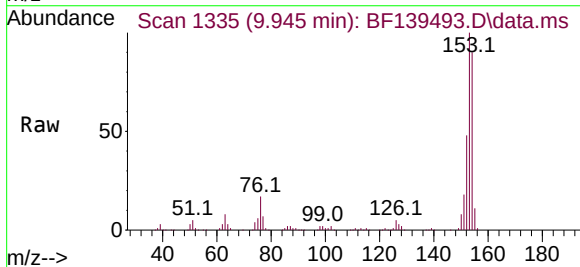
Manual Integrations
APPROVED

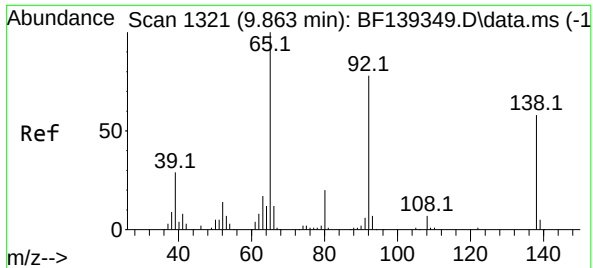
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#52
Acenaphthene
Concen: 39.644 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

Tgt Ion:154 Resp: 353347
Ion Ratio Lower Upper
154 100
153 110.5 89.5 134.3
152 53.0 42.6 64.0





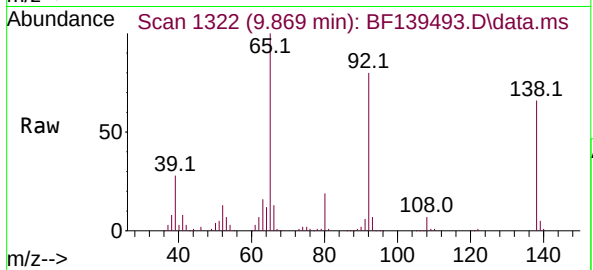
#53
3-Nitroaniline
Concen: 42.283 ng
RT: 9.869 min Scan# 1321
Delta R.T. 0.006 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

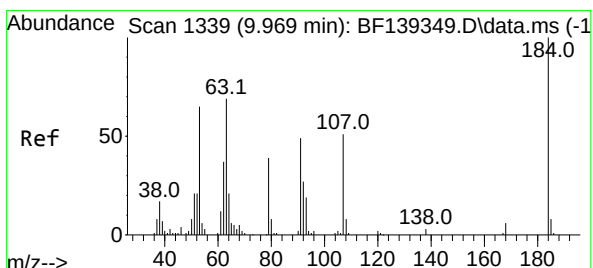
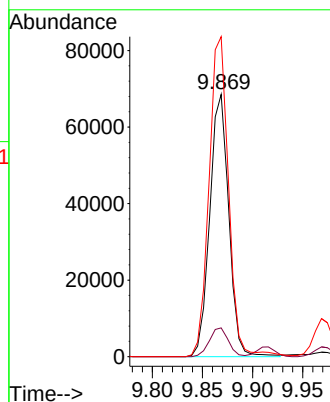
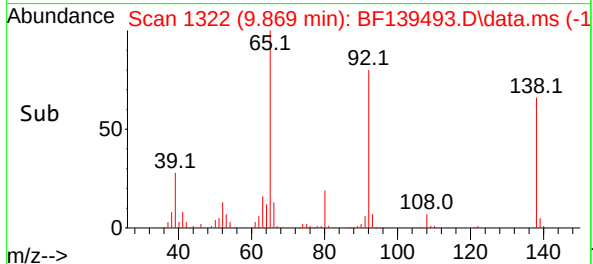


Tgt Ion:138 Resp: 90620
Ion Ratio Lower Upper
138 100
108 11.0 9.8 14.8
92 122.0 107.4 161.2

Manual Integrations

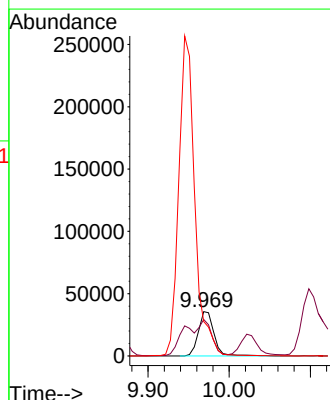
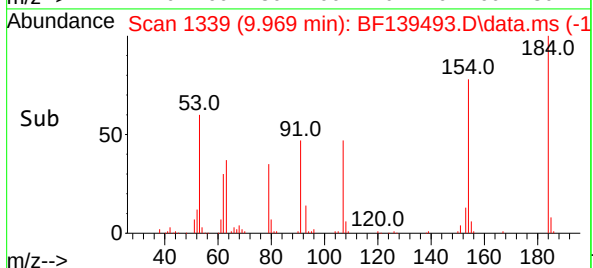
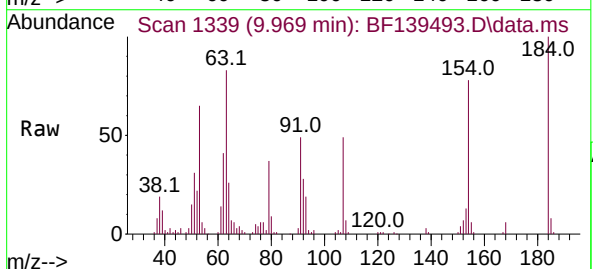
APPROVED

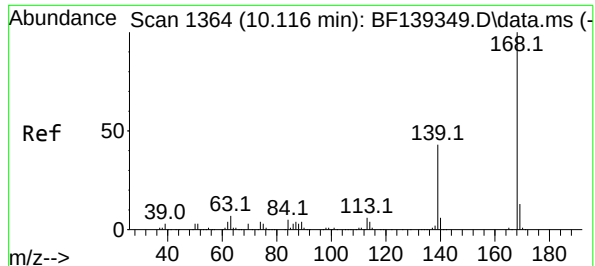
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#54
2,4-Dinitrophenol
Concen: 39.744 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

Tgt Ion:184 Resp: 47492
Ion Ratio Lower Upper
184 100
63 82.6 69.3 103.9
154 77.8 67.5 101.3





#55

Dibenzofuran

Concen: 39.547 ng

RT: 10.116 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139493.D

Acq: 20 Sep 2024 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:168 Resp: 49129

Ion Ratio Lower Upper

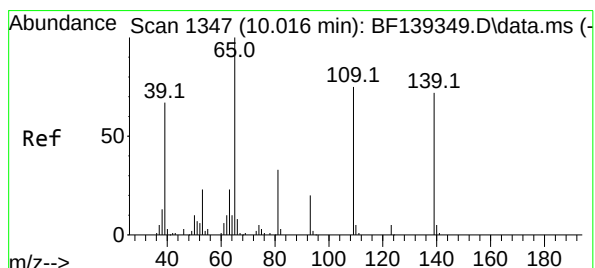
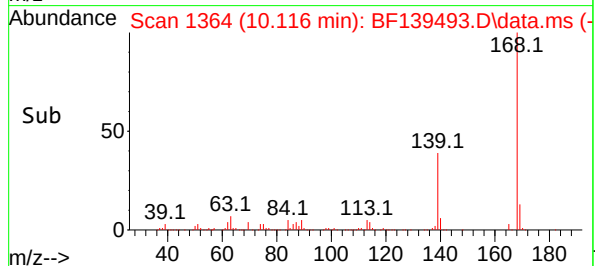
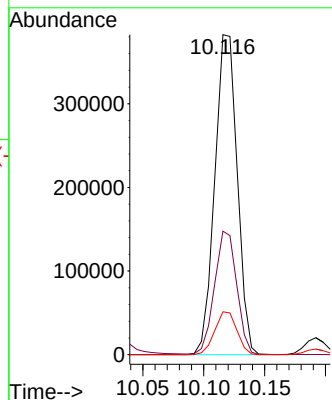
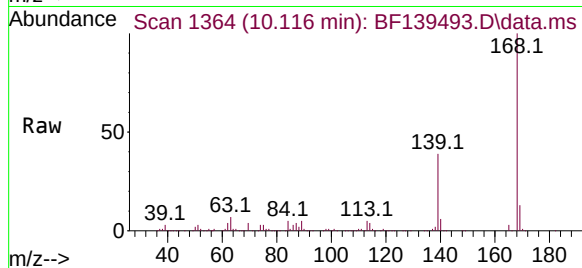
168 100

139 38.6 34.1 51.1

169 13.4 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#56

4-Nitrophenol

Concen: 39.069 ng

RT: 10.022 min Scan# 1348

Delta R.T. 0.006 min

Lab File: BF139493.D

Acq: 20 Sep 2024 10:09

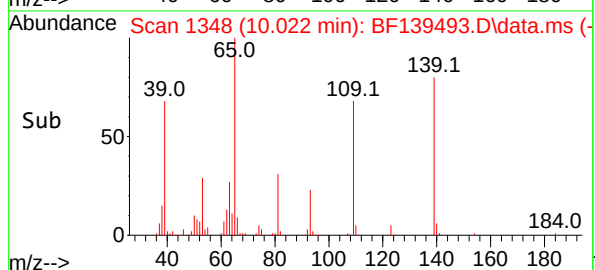
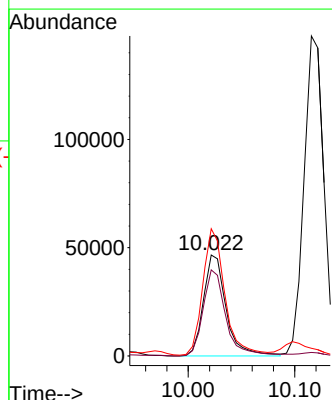
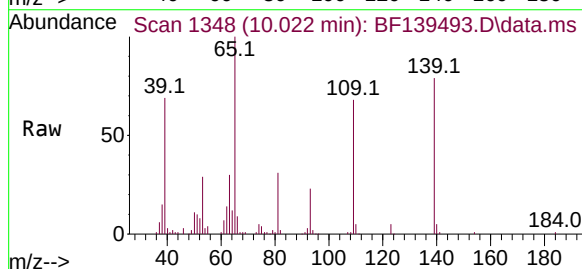
Tgt Ion:139 Resp: 69284

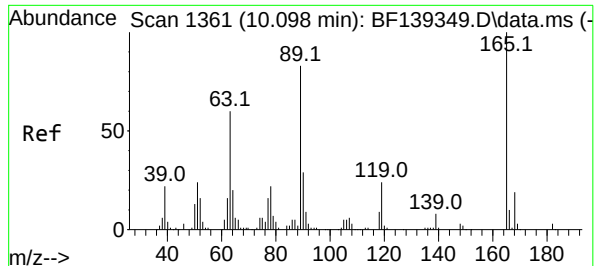
Ion Ratio Lower Upper

139 100

109 85.3 84.1 124.1

65 126.0 120.0 160.0





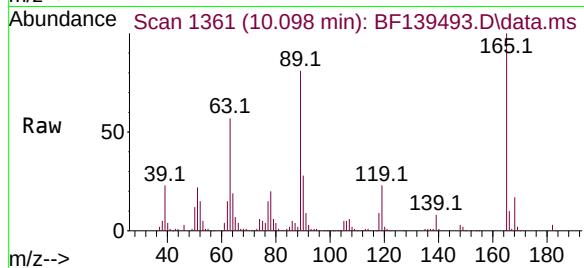
#57
2,4-Dinitrotoluene
Concen: 40.802 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

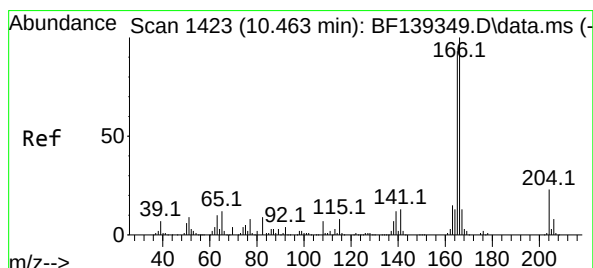
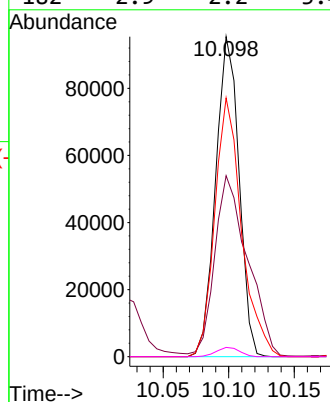
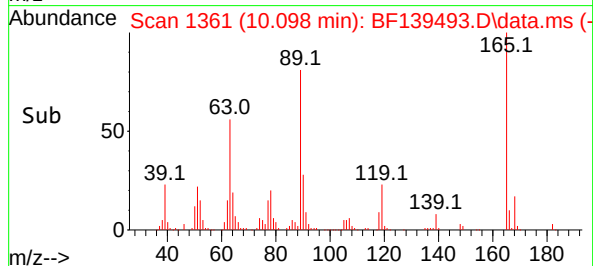


Tgt Ion:165 Resp: 118130
Ion Ratio Lower Upper
165 100
63 56.5 47.8 71.6
89 80.9 66.7 100.1
182 2.9 2.2 3.4

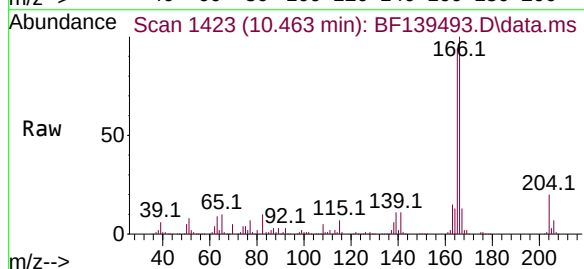
Manual Integrations

APPROVED

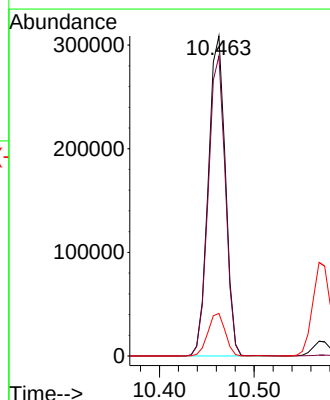
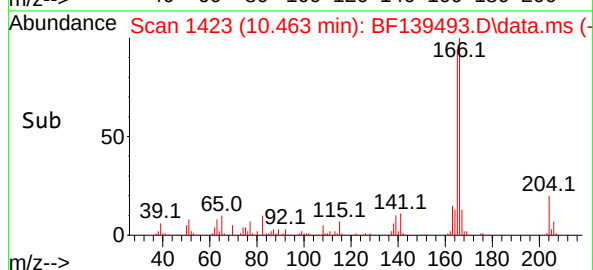
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

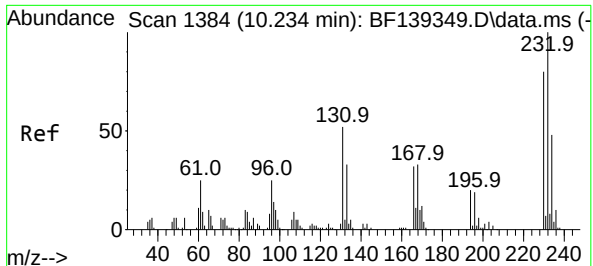


#58
Fluorene
Concen: 38.221 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09



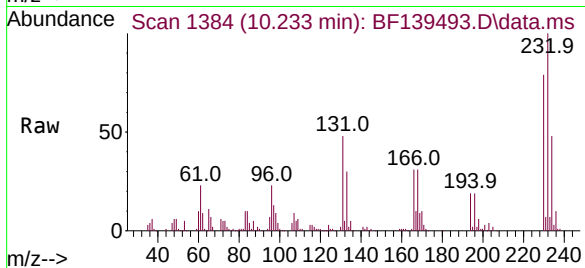
Tgt Ion:166 Resp: 387412
Ion Ratio Lower Upper
166 100
165 93.8 74.5 111.7
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.731 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.000 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

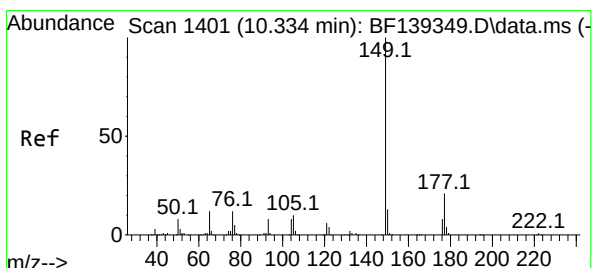
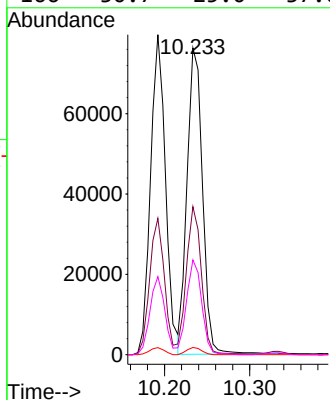
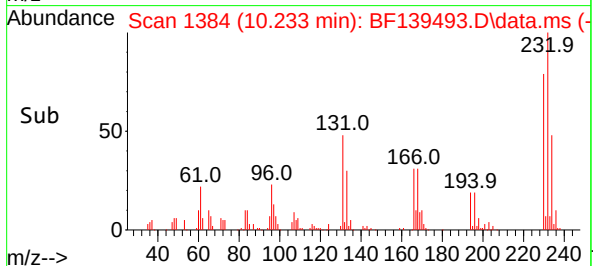
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



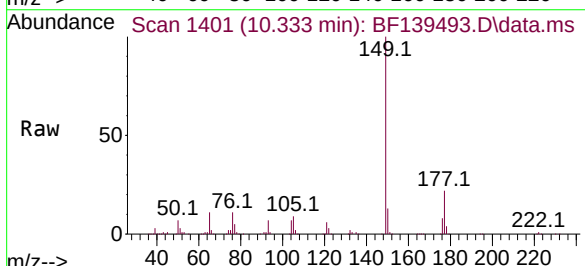
Tgt Ion:232 Resp: 96110
Ion Ratio Lower Upper
232 100
131 47.8 40.7 61.1
130 2.3 2.2 3.2
166 30.7 25.0 37.6

Manual Integrations
APPROVED

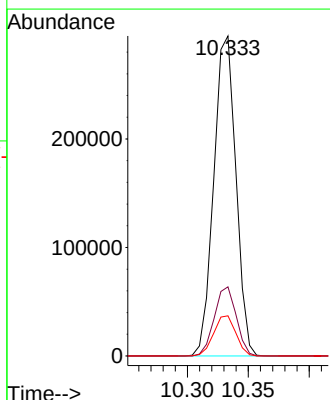
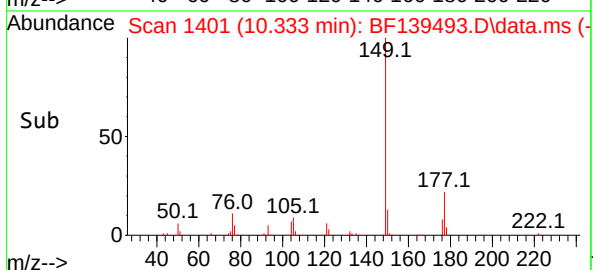
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

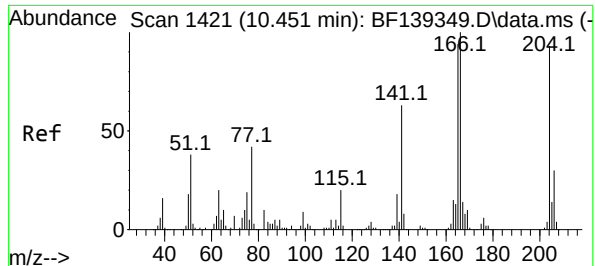


#60
Diethylphthalate
Concen: 37.413 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09



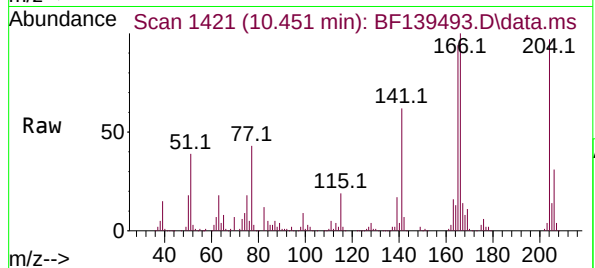
Tgt Ion:149 Resp: 373742
Ion Ratio Lower Upper
149 100
177 21.6 16.6 24.8
150 12.6 10.6 15.8





#61
4-Chlorophenyl-phenylether
Concen: 37.365 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

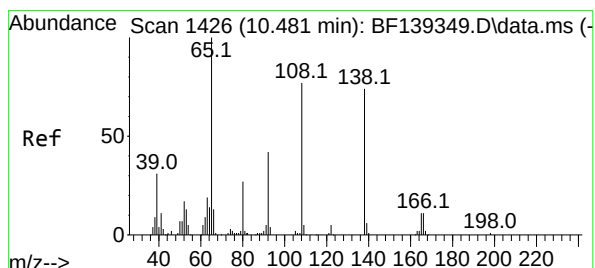
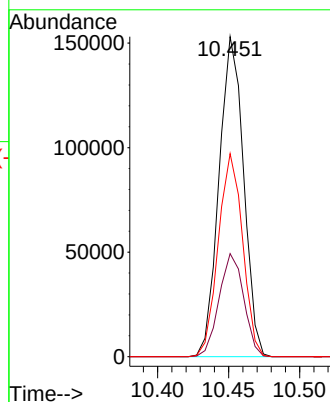
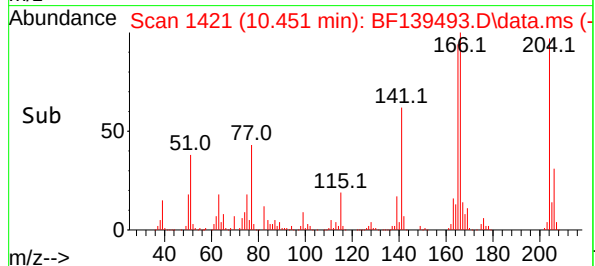
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:204 Resp: 184062
Ion Ratio Lower Upper
204 100
206 32.2 26.2 39.2
141 63.4 53.9 80.9

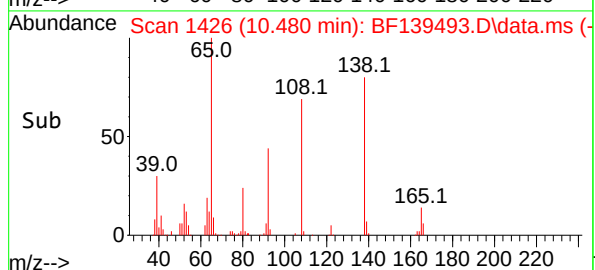
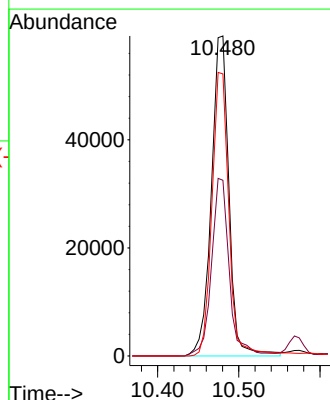
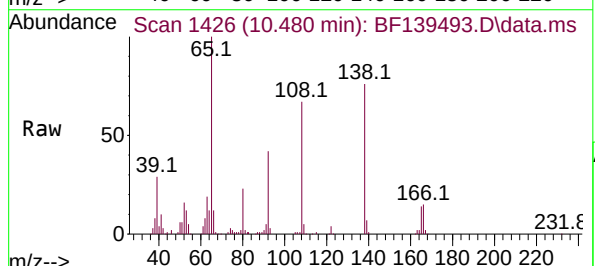
Manual Integrations
APPROVED

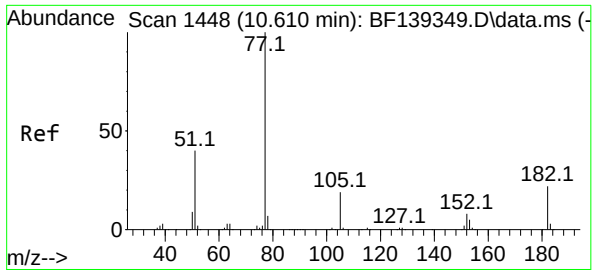
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#62
4-Nitroaniline
Concen: 38.069 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

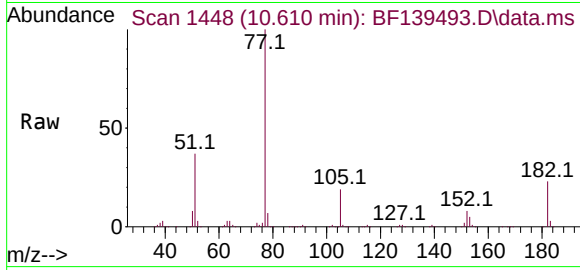
Tgt Ion:138 Resp: 89045
Ion Ratio Lower Upper
138 100
92 54.9 37.0 77.0
108 88.1 84.4 124.4





#63
Azobenzene
Concen: 39.229 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

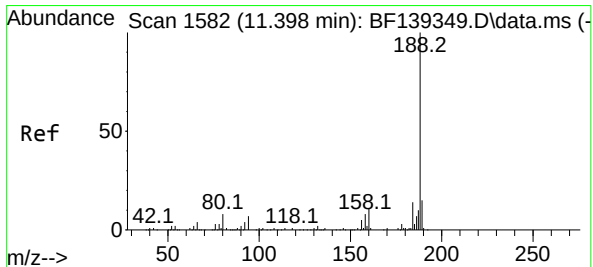
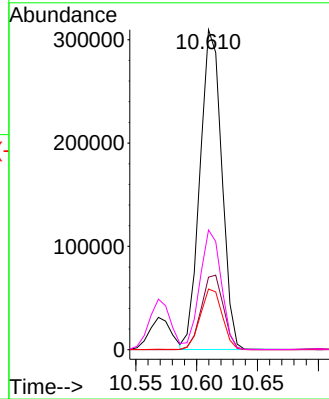
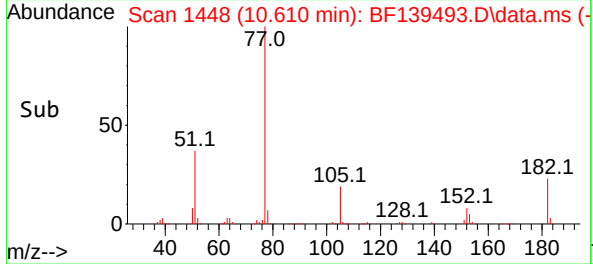
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 385440
Ion Ratio Lower Upper
77 100
182 22.7 1.8 41.8
105 18.9 0.0 38.6
51 37.4 21.4 61.4

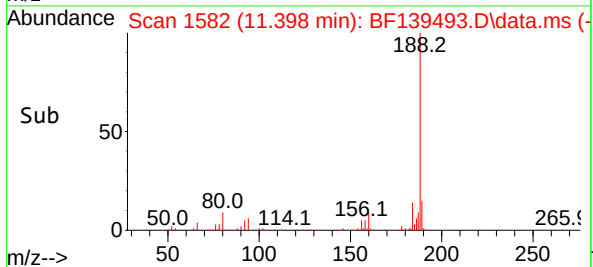
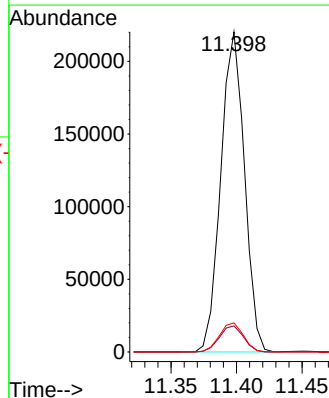
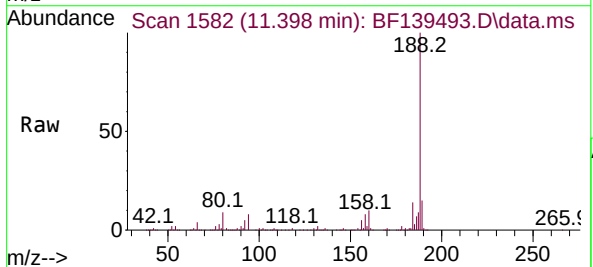
Manual Integrations
APPROVED

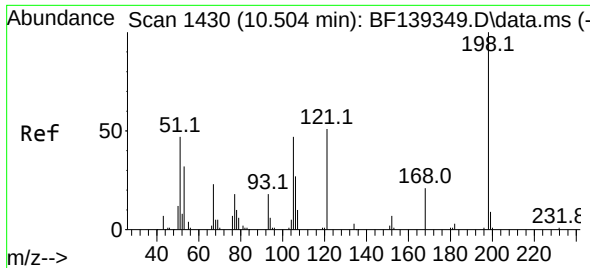
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

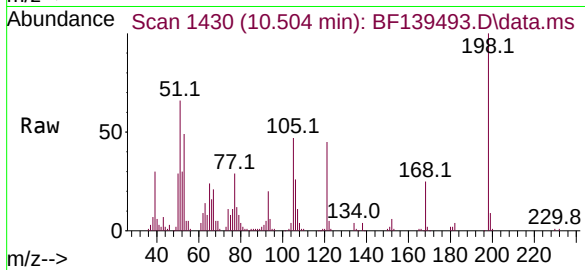
Tgt Ion:188 Resp: 275829
Ion Ratio Lower Upper
188 100
94 8.2 5.5 8.3
80 9.1 6.6 9.8





#65
4,6-Dinitro-2-methylphenol
Concen: 43.802 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

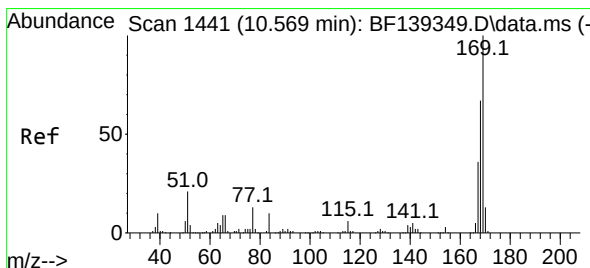
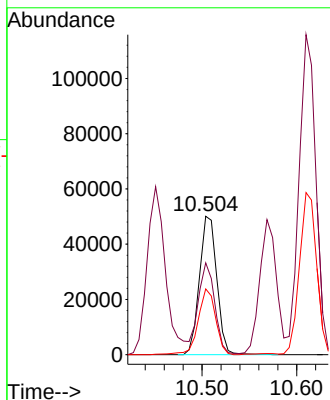
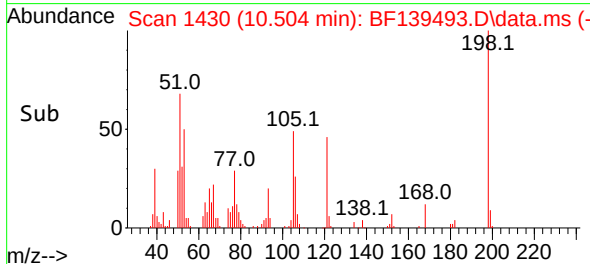
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:198 Resp: 63760
Ion Ratio Lower Upper
198 100
51 66.3 50.4 90.4
105 47.4 28.3 68.3

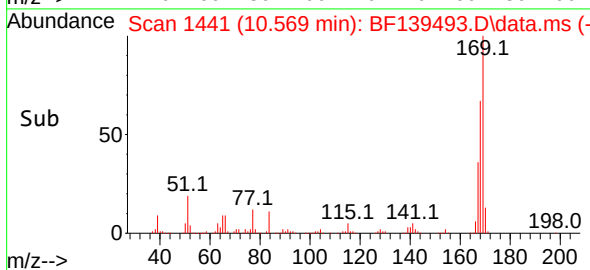
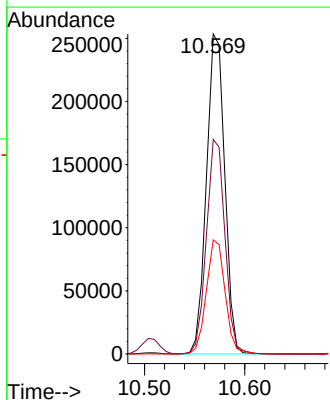
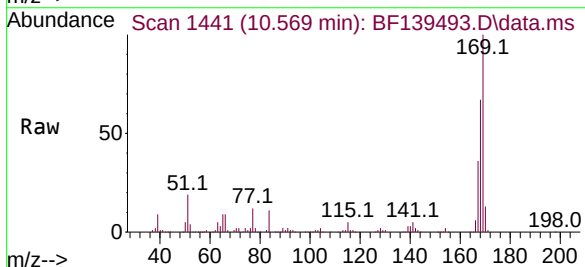
Manual Integrations
APPROVED

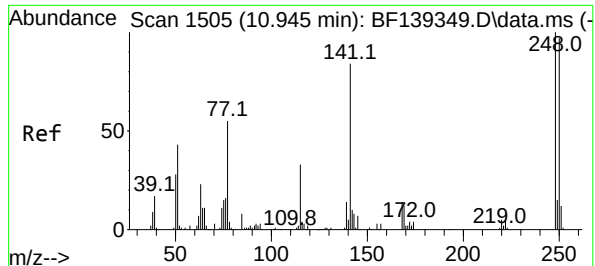
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#66
n-Nitrosodiphenylamine
Concen: 39.876 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

Tgt Ion:169 Resp: 321571
Ion Ratio Lower Upper
169 100
168 67.0 53.6 80.4
167 35.6 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 39.164 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

Instrument :

BNA_F

ClientSampleId :

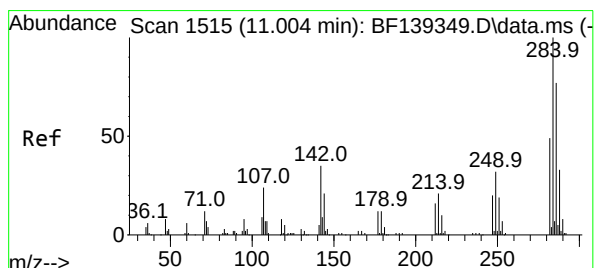
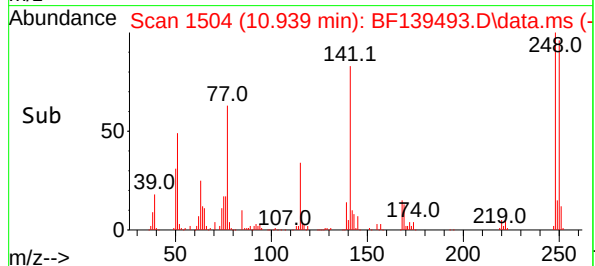
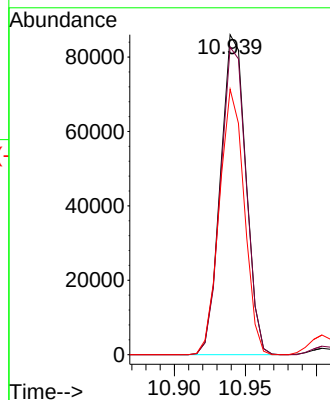
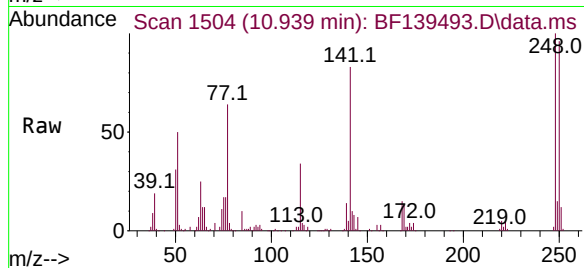
SSTDCCC040

Tgt Ion:248 Resp: 107050
Ion Ratio Lower Upper
248 100
250 96.1 77.6 116.4
141 82.9 66.9 100.3

Manual Integrations

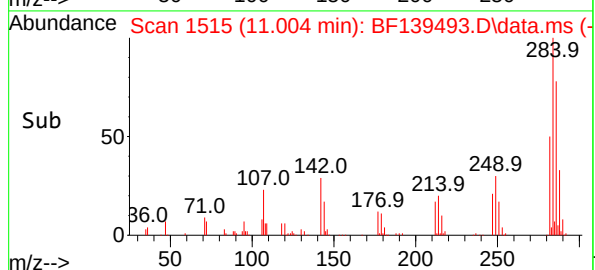
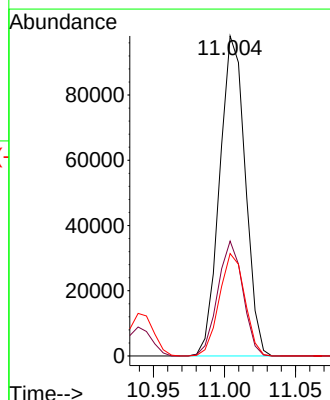
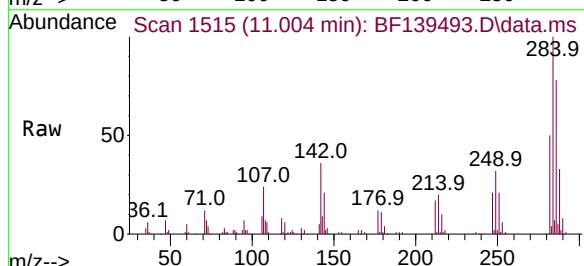
APPROVED

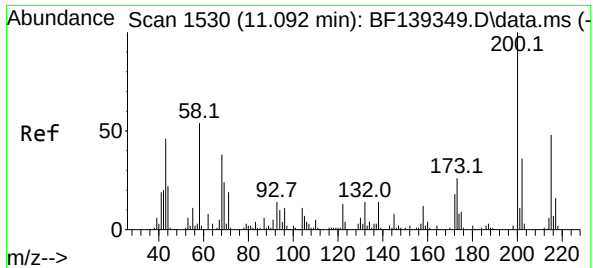
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#68
Hexachlorobenzene
Concen: 38.303 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

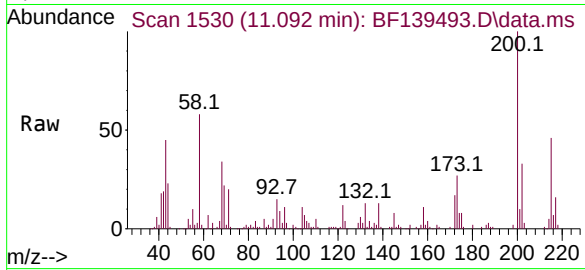
Tgt Ion:284 Resp: 122877
Ion Ratio Lower Upper
284 100
142 35.9 28.0 42.0
249 32.0 25.3 37.9





#69
Atrazine
Concen: 35.465 ng
RT: 11.092 min Scan# 1530
Delta R.T. -0.000 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

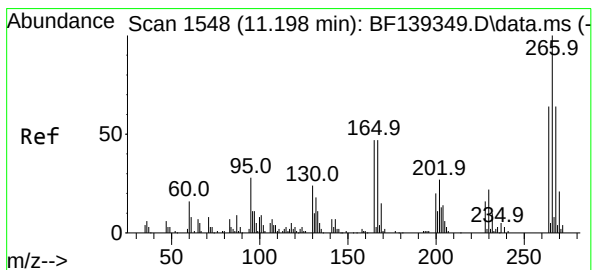
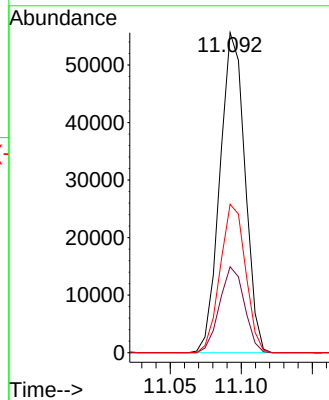
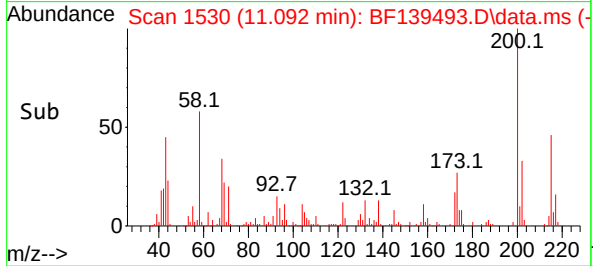
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



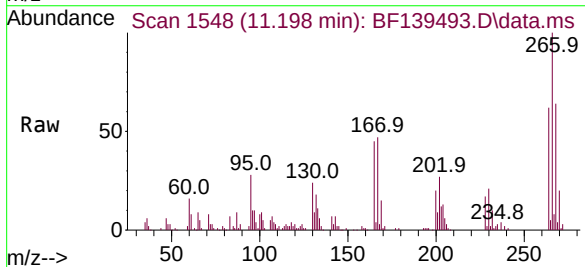
Tgt Ion:200 Resp: 68088
Ion Ratio Lower Upper
200 100
173 26.9 6.1 46.1
215 46.4 28.2 68.2

Manual Integrations
APPROVED

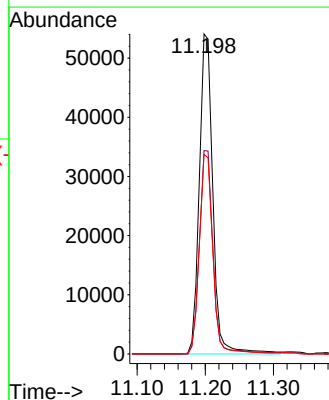
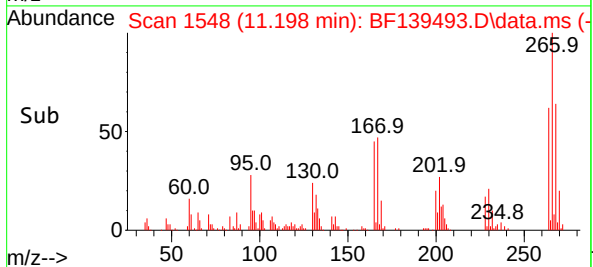
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

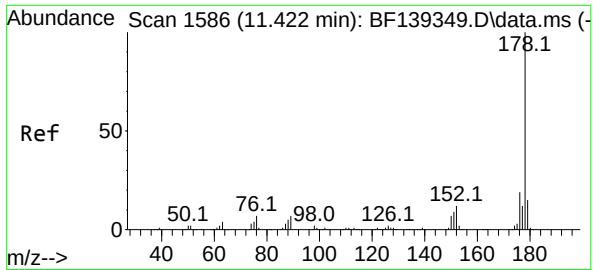


#70
Pentachlorophenol
Concen: 38.730 ng
RT: 11.198 min Scan# 1548
Delta R.T. -0.000 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09



Tgt Ion:266 Resp: 74552
Ion Ratio Lower Upper
266 100
268 63.6 51.1 76.7
264 62.4 51.4 77.0





#71

Phenanthrene

Concen: 39.694 ng

RT: 11.421 min Scan# 1586

Delta R.T. -0.000 min

Lab File: BF139493.D

Acq: 20 Sep 2024 10:09

Instrument :

BNA_F

ClientSampleId :

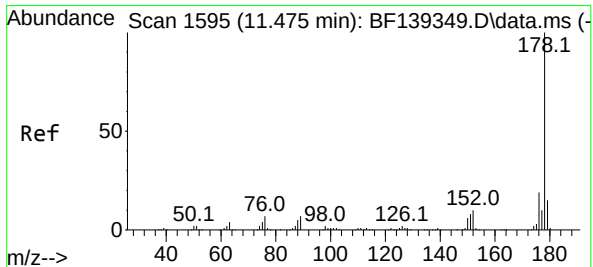
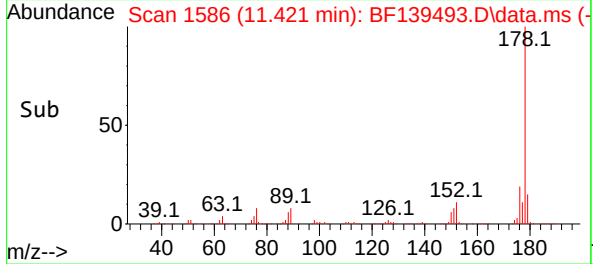
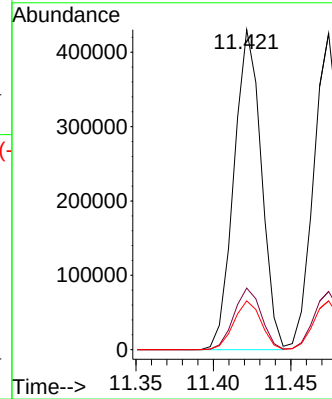
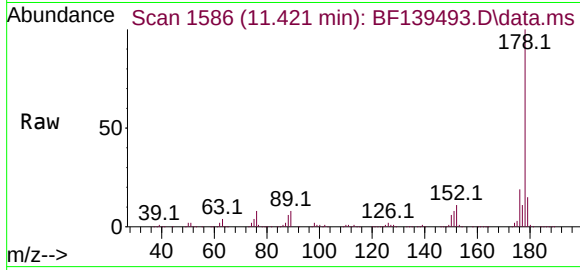
SSTDCCC040

Tgt Ion:178	Resp: 528228
Ion Ratio	Lower Upper
178	100
176	19.3 15.2 22.8
179	15.2 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#72

Anthracene

Concen: 40.170 ng

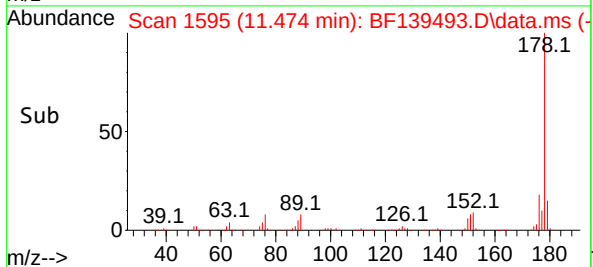
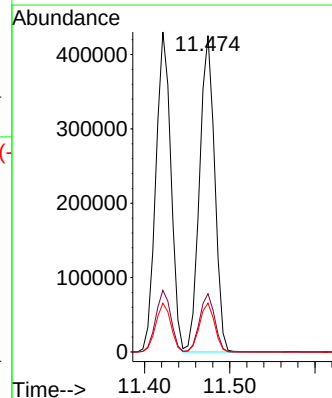
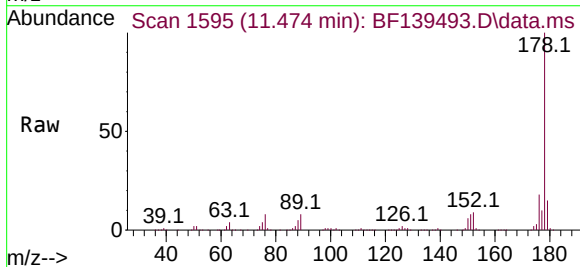
RT: 11.474 min Scan# 1595

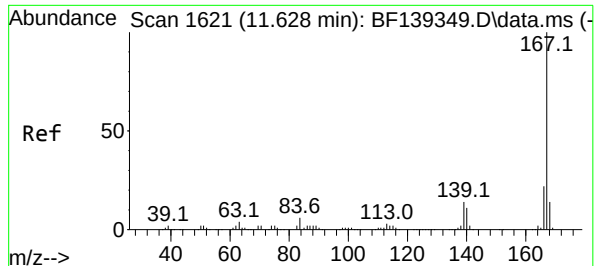
Delta R.T. -0.000 min

Lab File: BF139493.D

Acq: 20 Sep 2024 10:09

Tgt Ion:178	Resp: 522655
Ion Ratio	Lower Upper
178	100
176	18.4 15.0 22.6
179	15.4 12.0 18.0





#73

Carbazole

Concen: 40.767 ng

RT: 11.627 min Scan# 1621

Delta R.T. -0.000 min

Lab File: BF139493.D

Acq: 20 Sep 2024 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:167 Resp: 507660

Ion Ratio Lower Upper

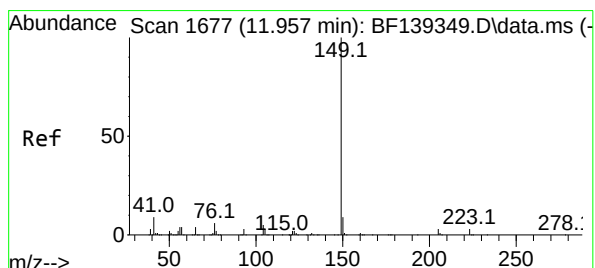
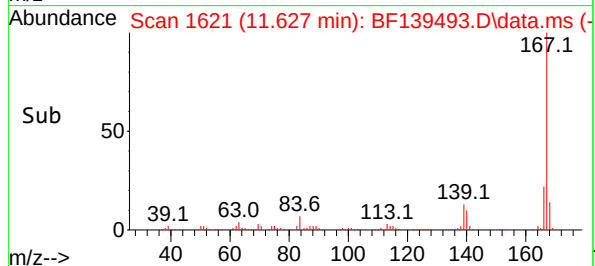
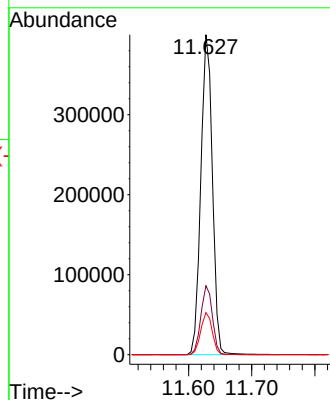
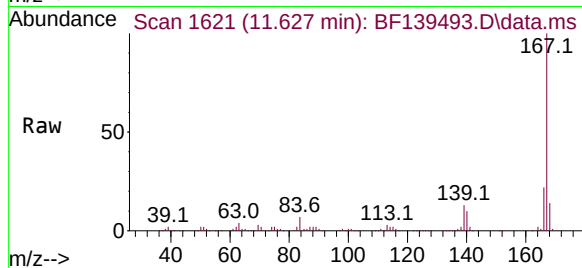
167 100

166 21.5 17.5 26.3

139 13.2 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#74

Di-n-butylphthalate

Concen: 38.771 ng

RT: 11.957 min Scan# 1677

Delta R.T. -0.000 min

Lab File: BF139493.D

Acq: 20 Sep 2024 10:09

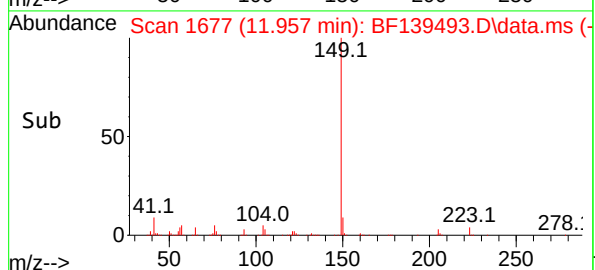
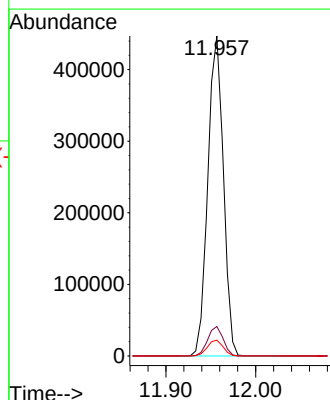
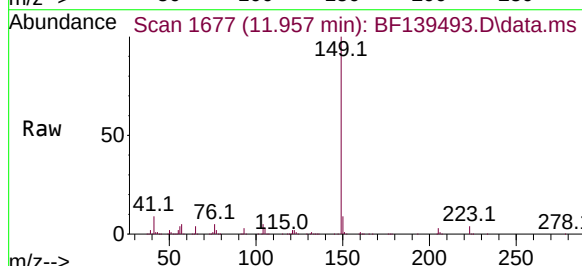
Tgt Ion:149 Resp: 537837

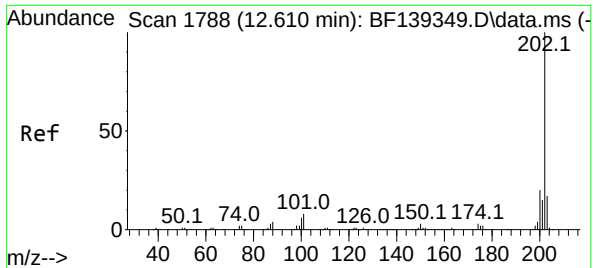
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

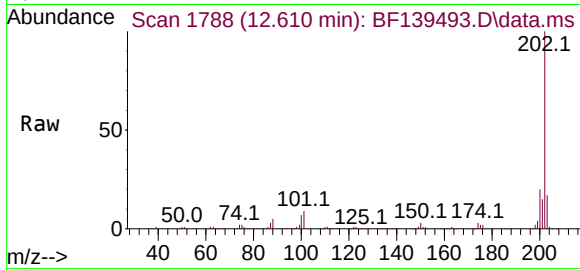
104 5.0 4.3 6.5





#75
Fluoranthene
Concen: 40.219 ng
RT: 12.610 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

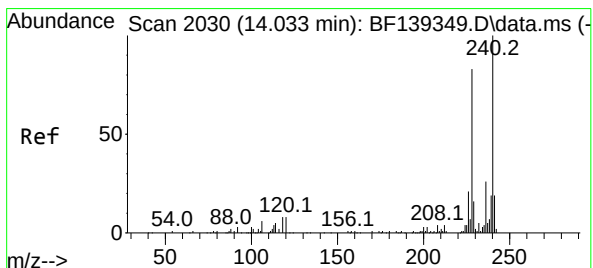
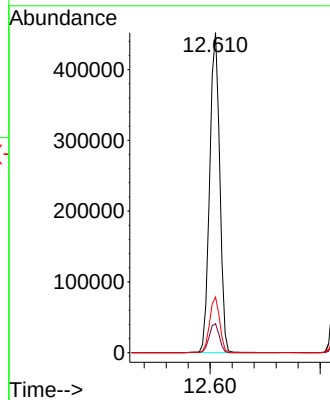
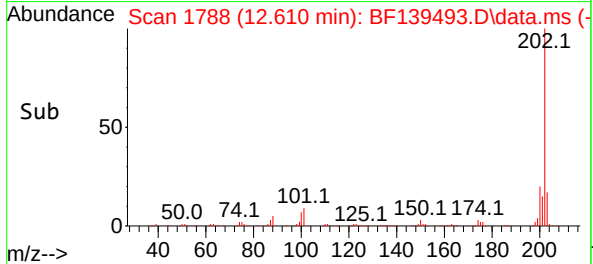
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



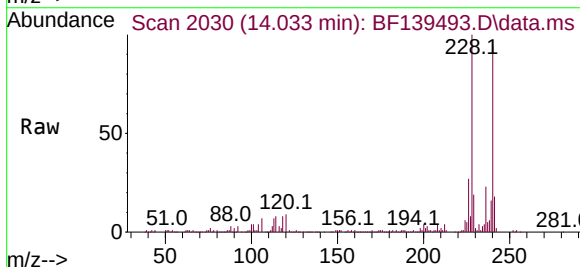
Tgt Ion:202 Resp: 57157
Ion Ratio Lower Upper
202 100
101 9.0 0.0 27.7
203 17.4 0.0 37.4

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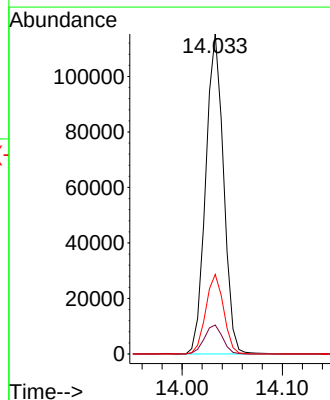
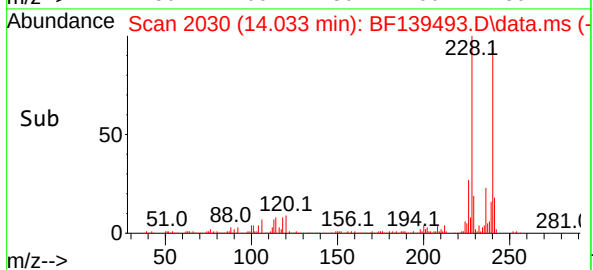
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

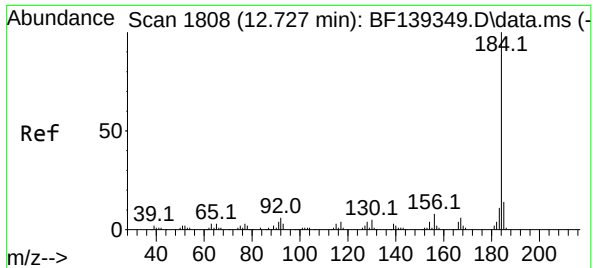


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09



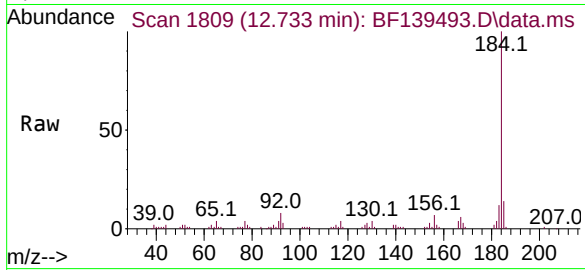
Tgt Ion:240 Resp: 142849
Ion Ratio Lower Upper
240 100
120 9.1 6.2 9.2
236 24.9 20.9 31.3





#77
Benzidine
Concen: 34.715 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.006 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

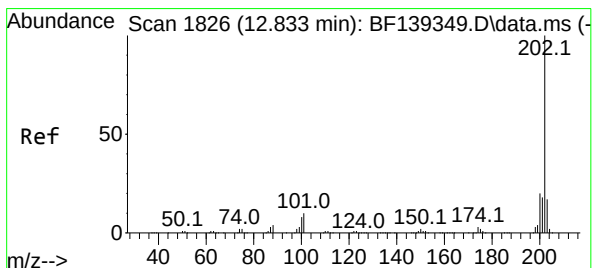
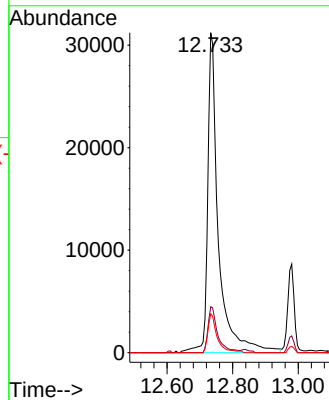
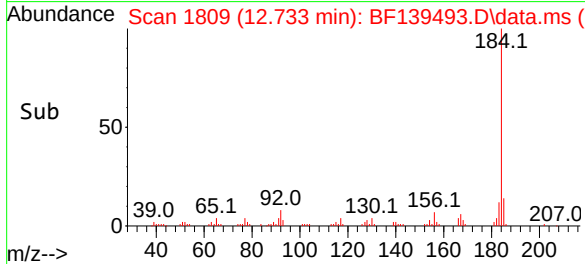
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:184 Resp: 71048
Ion Ratio Lower Upper
184 100
185 14.3 11.5 17.3
183 12.1 8.9 13.3

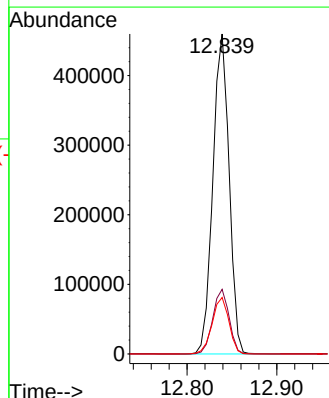
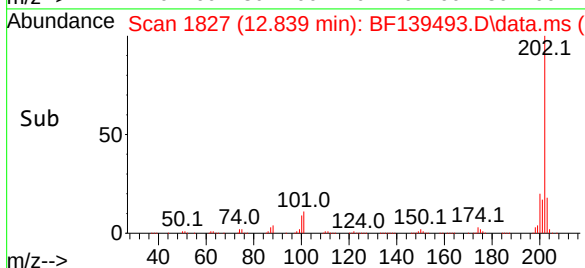
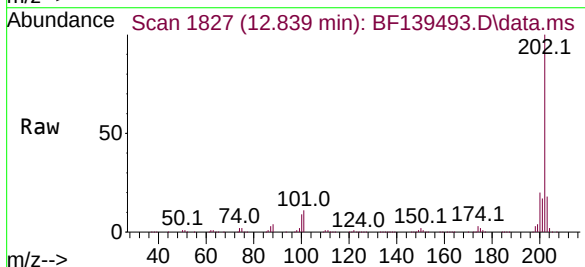
Manual Integrations
APPROVED

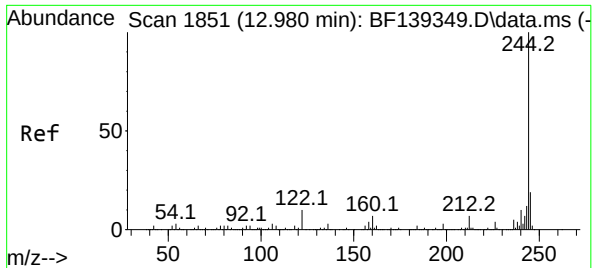
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#78
Pyrene
Concen: 47.111 ng
RT: 12.839 min Scan# 1827
Delta R.T. 0.006 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

Tgt Ion:202 Resp: 577836
Ion Ratio Lower Upper
202 100
200 20.2 16.2 24.2
203 17.7 13.9 20.9





#79

Terphenyl-d14

Concen: 86.345 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF139493.D

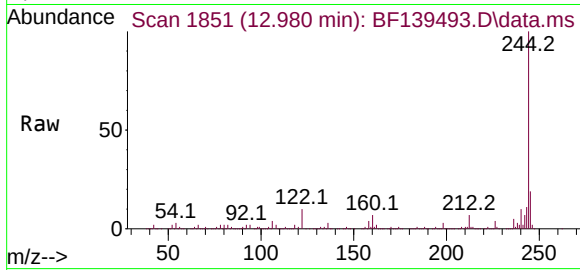
Acq: 20 Sep 2024 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

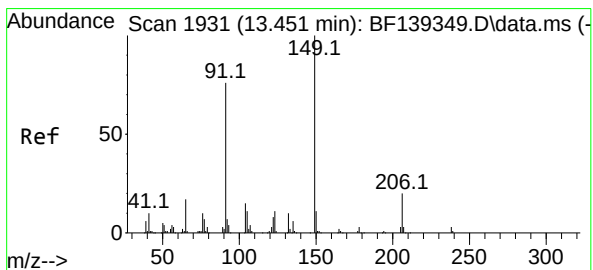
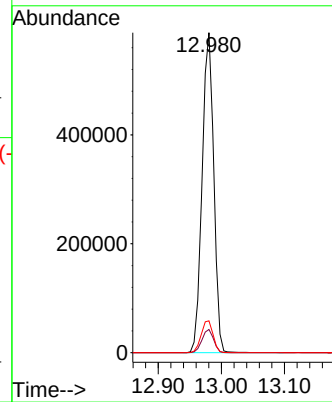
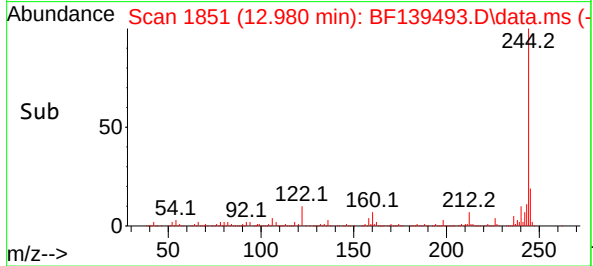


Tgt Ion:	244	Resp:	751458
Ion Ratio	Lower	Upper	
244	100		
212	7.2	6.0	9.0
122	9.9	7.6	11.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#80

Butylbenzylphthalate

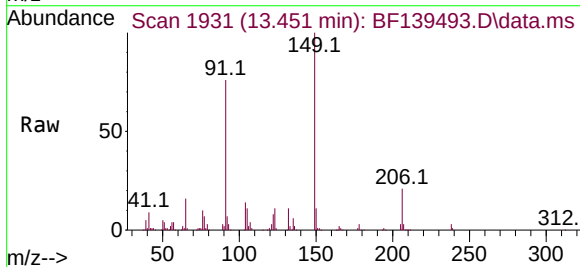
Concen: 42.049 ng

RT: 13.451 min Scan# 1931

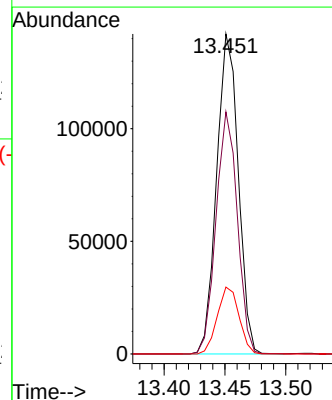
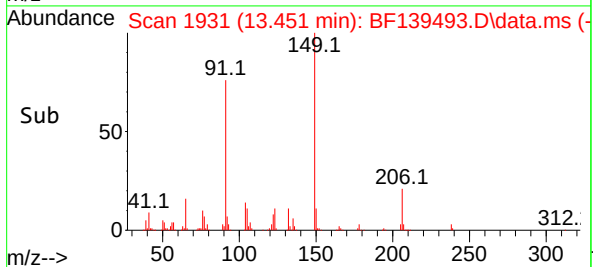
Delta R.T. -0.000 min

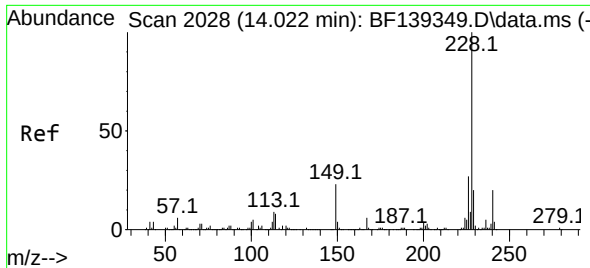
Lab File: BF139493.D

Acq: 20 Sep 2024 10:09



Tgt Ion:	149	Resp:	175551
Ion Ratio	Lower	Upper	
149	100		
91	75.7	60.9	91.3
206	20.9	15.8	23.8





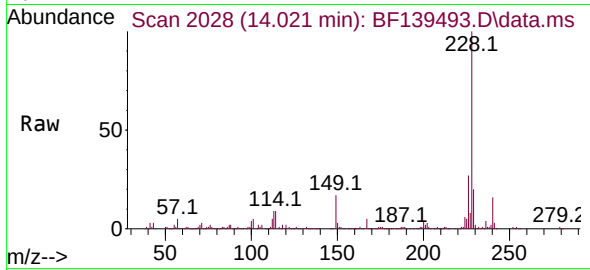
#81
Benzo(a)anthracene
Concen: 39.470 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

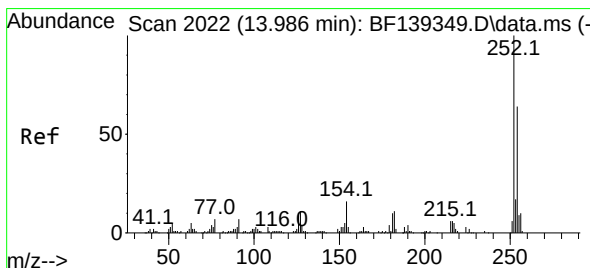
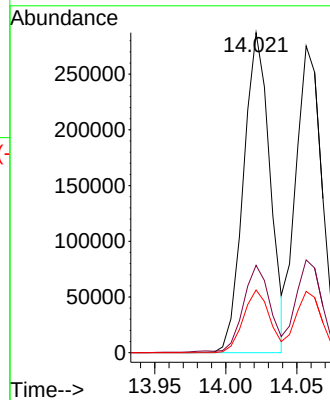
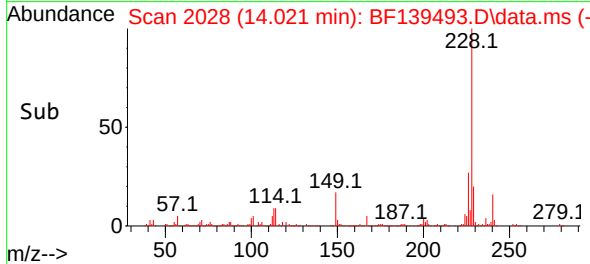


Tgt Ion:228 Resp: 373470
Ion Ratio Lower Upper
228 100
226 27.3 21.6 32.4
229 19.6 15.7 23.5

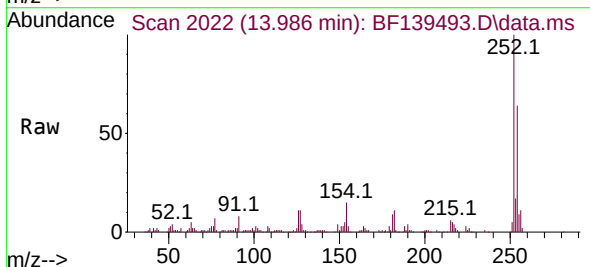
Manual Integrations

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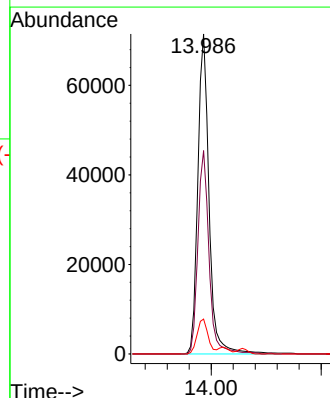
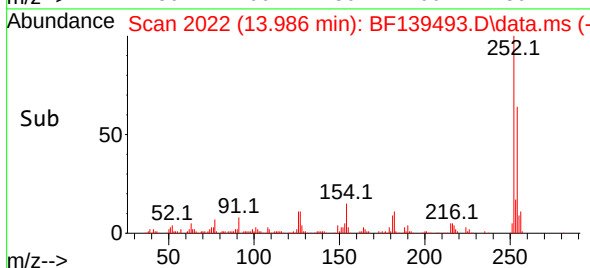
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

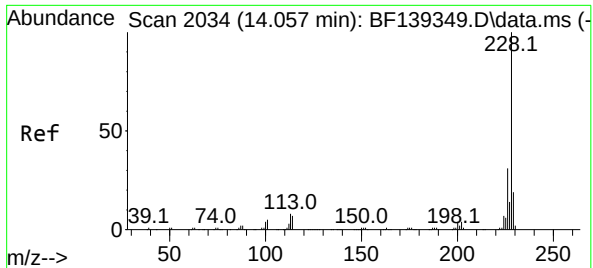


#82
3,3'-Dichlorobenzidine
Concen: 36.590 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09



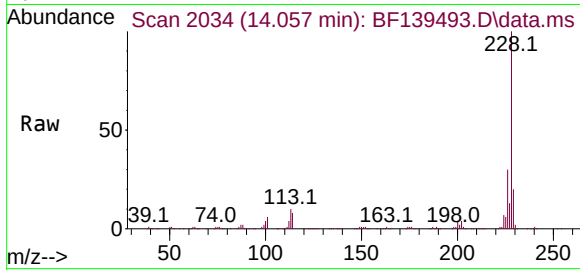
Tgt Ion:252 Resp: 101391
Ion Ratio Lower Upper
252 100
254 63.5 51.4 77.2
126 10.9 7.7 11.5





#83
Chrysene
Concen: 40.098 ng
RT: 14.057 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

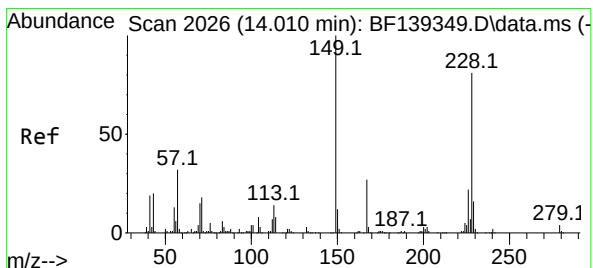
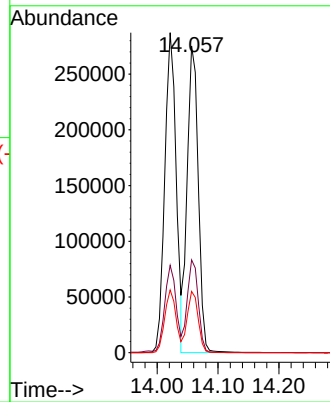
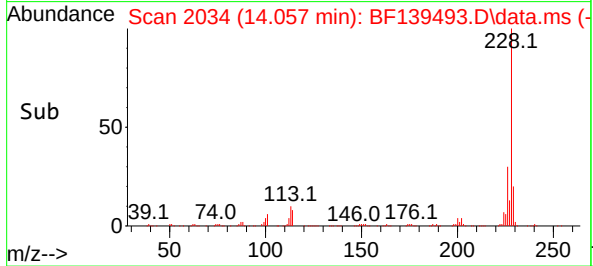
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 34906
Ion Ratio Lower Upper
228 100
226 30.3 24.1 36.1
229 20.0 15.4 23.0

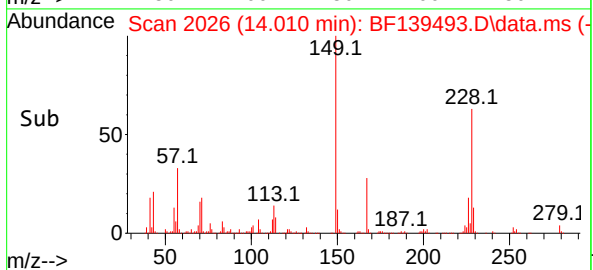
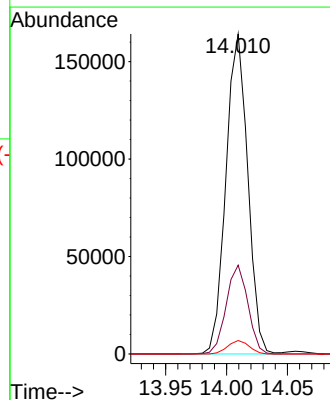
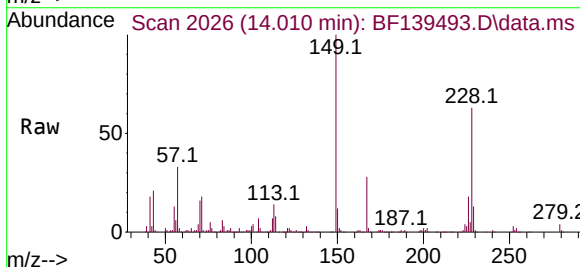
Manual Integrations
APPROVED

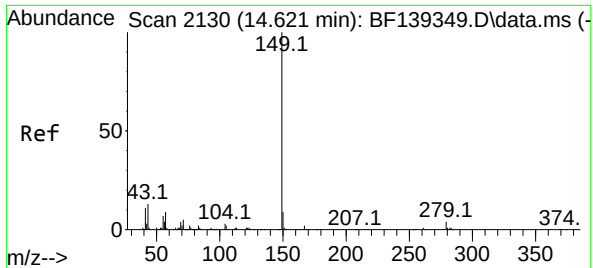
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 38.547 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

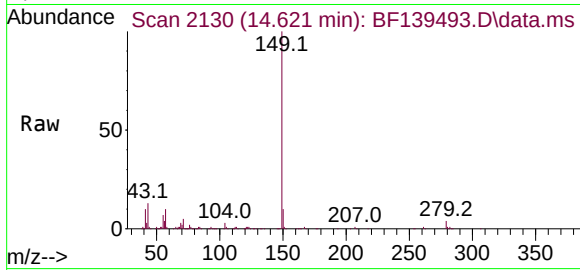
Tgt Ion:149 Resp: 204727
Ion Ratio Lower Upper
149 100
167 27.8 21.6 32.4
279 4.2 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 35.467 ng
RT: 14.621 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

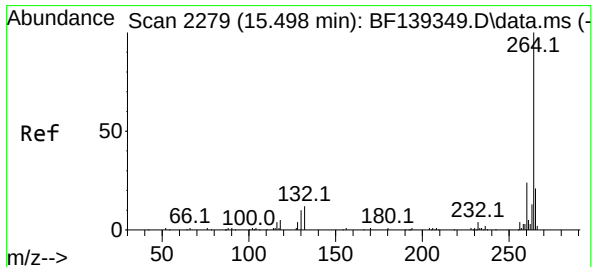
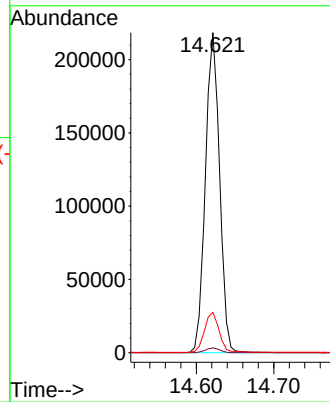
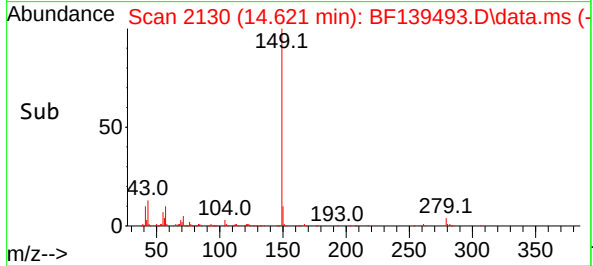
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 27741
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 12.8 10.6 16.0

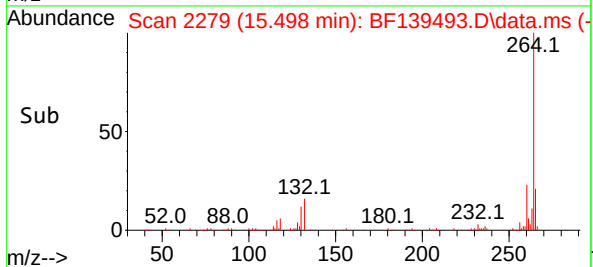
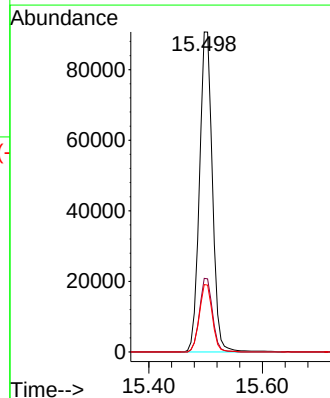
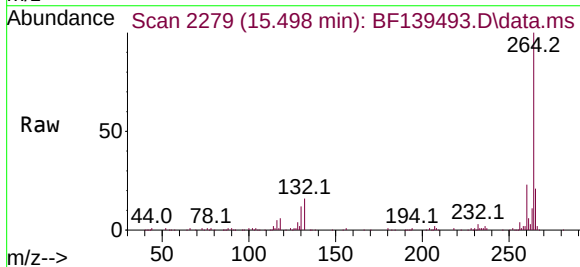
Manual Integrations
APPROVED

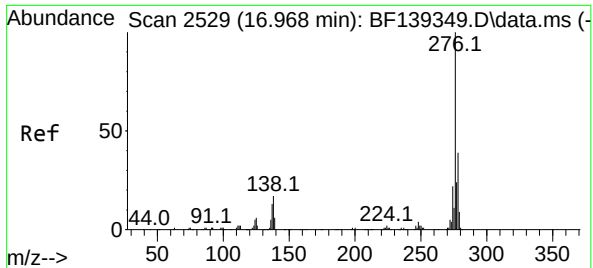
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

Tgt Ion:264 Resp: 143390
Ion Ratio Lower Upper
264 100
260 23.0 19.5 29.3
265 21.1 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.144 ng

RT: 16.974 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139493.D

Acq: 20 Sep 2024 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 367859

Ion Ratio Lower Upper

276 100

138 22.6 15.4 23.2

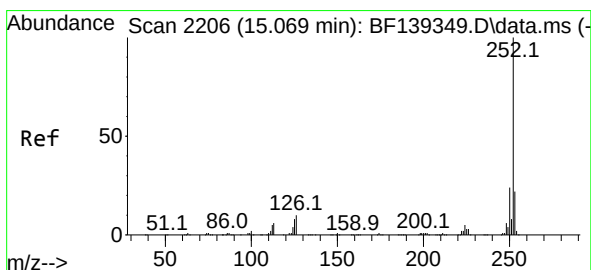
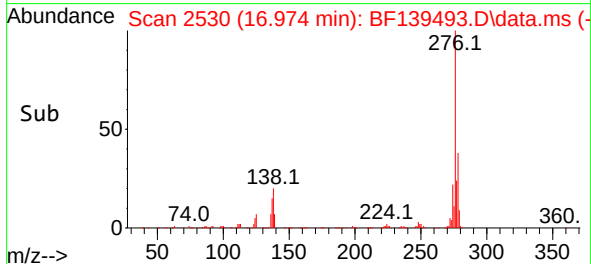
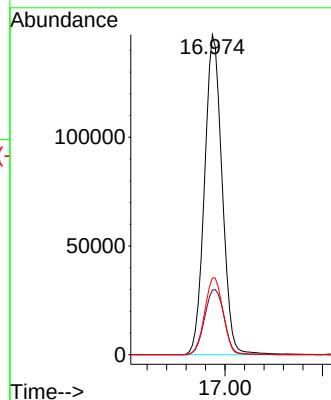
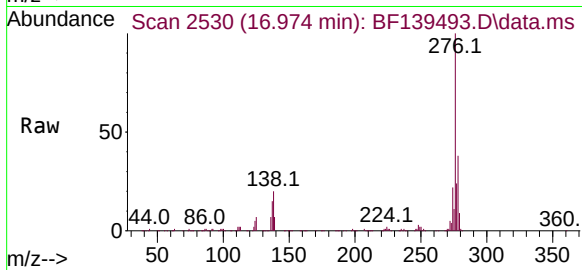
277 25.3 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024

Supervised By :mohammad ahmed 09/22/2024



#88

Benzo(b)fluoranthene

Concen: 39.093 ng

RT: 15.074 min Scan# 2207

Delta R.T. 0.006 min

Lab File: BF139493.D

Acq: 20 Sep 2024 10:09

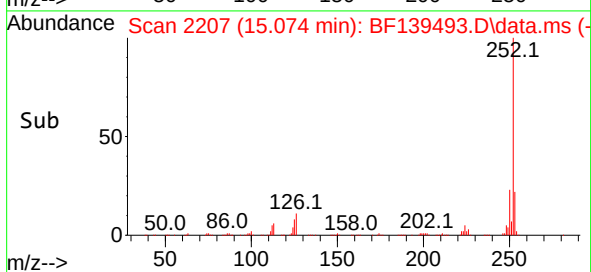
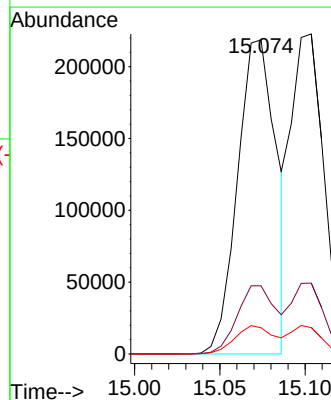
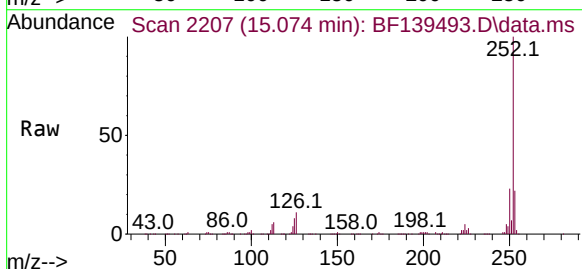
Tgt Ion:252 Resp: 345714

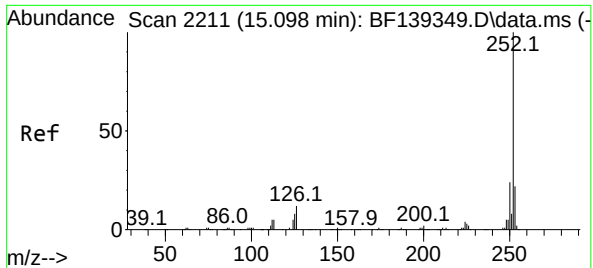
Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 8.3 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 36.857 ng

RT: 15.104 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139493.D

Acq: 20 Sep 2024 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 30052

Ion Ratio Lower Upper

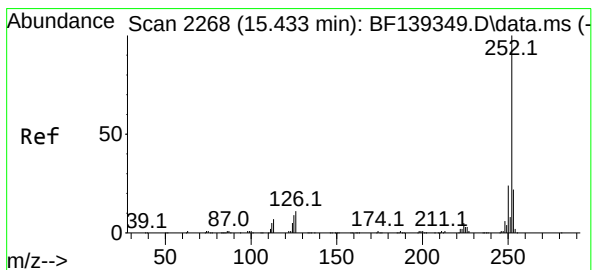
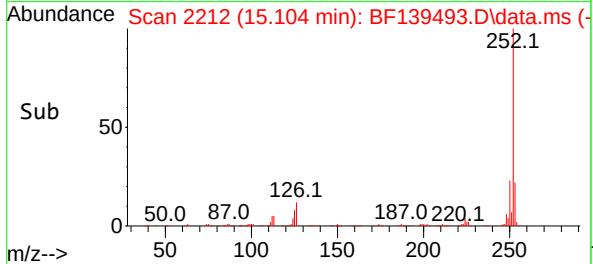
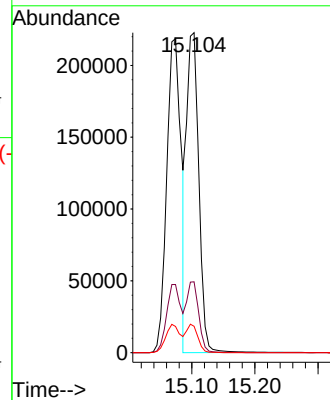
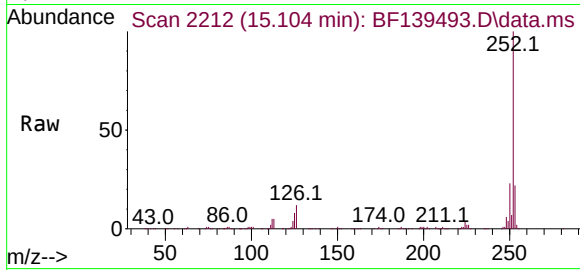
252 100

253 22.2 17.3 25.9

125 8.3 5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

#90

Benzo(a)pyrene

Concen: 40.170 ng

RT: 15.439 min Scan# 2269

Delta R.T. 0.006 min

Lab File: BF139493.D

Acq: 20 Sep 2024 10:09

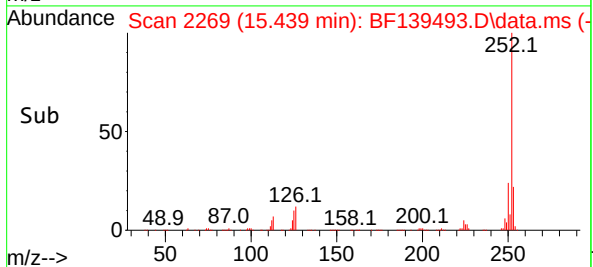
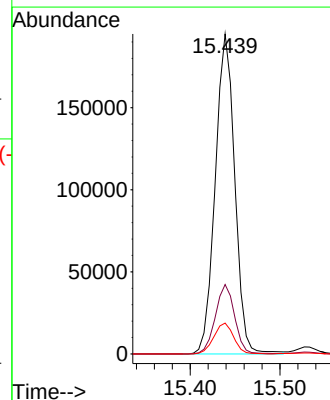
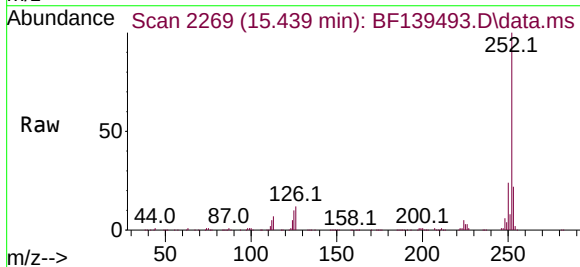
Tgt Ion:252 Resp: 294618

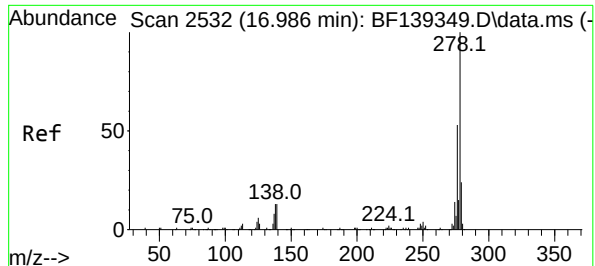
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 9.6 6.8 10.2





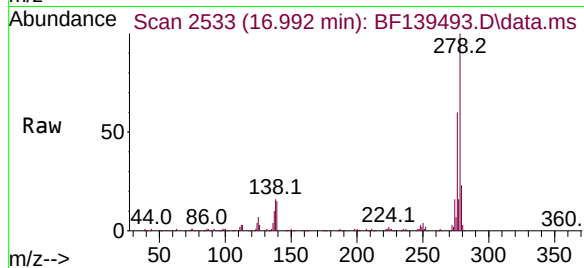
#91
Dibenzo(a,h)anthracene
Concen: 42.712 ng
RT: 16.992 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

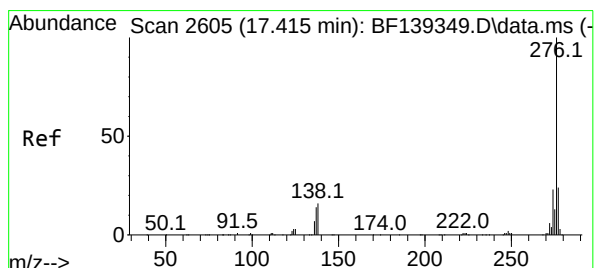
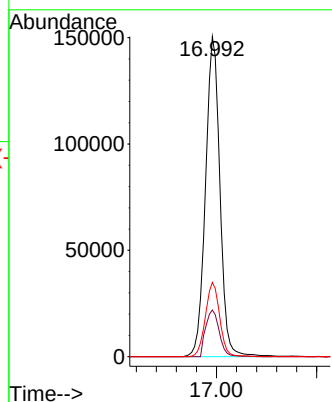
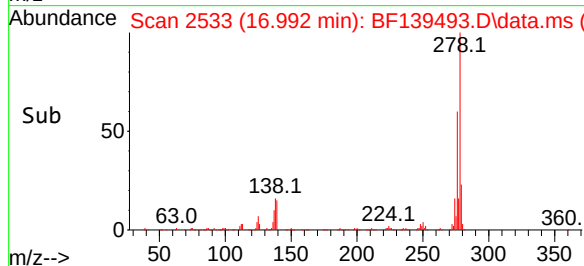


Tgt Ion:278 Resp: 30093
Ion Ratio Lower Upper
278 100
139 14.6 10.2 15.2
279 23.2 18.9 28.3

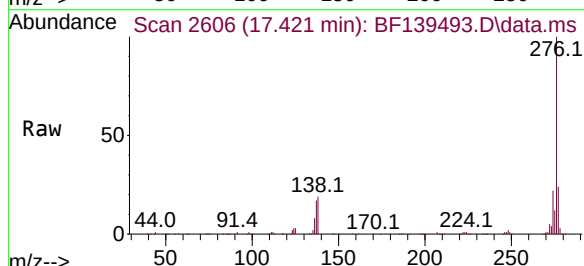
Manual Integrations

APPROVED

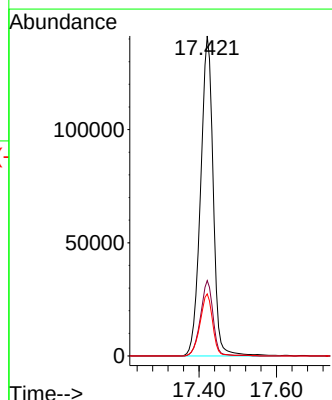
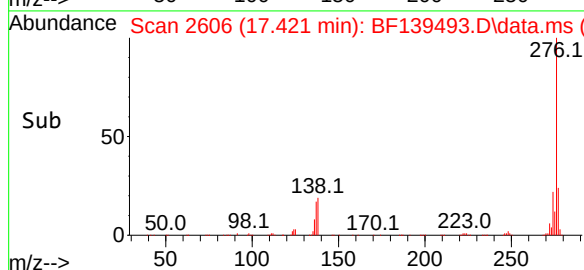
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#92
Benzo(g,h,i)perylene
Concen: 45.678 ng
RT: 17.421 min Scan# 2606
Delta R.T. 0.006 min
Lab File: BF139493.D
Acq: 20 Sep 2024 10:09



Tgt Ion:276 Resp: 318653
Ion Ratio Lower Upper
276 100
277 23.5 18.9 28.3
138 19.4 13.0 19.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
 Data File : BF139493.D
 Acq On : 20 Sep 2024 10:09
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Sep 20 11:16:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 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	138	0.00
2	1,4-Dioxane	40.000	43.111	-7.8	148	-0.02
3	Pyridine	40.000	46.400	-16.0	158	-0.02
4	n-Nitrosodimethylamine	40.000	36.937	7.7	127	-0.02
5 S	2-Fluorophenol	80.000	79.712	0.4	139	0.00
6	Aniline	40.000	40.730	-1.8	143	-0.02
7 S	Phenol-d6	80.000	80.084	-0.1	139	0.00
8	2-Chlorophenol	40.000	40.610	-1.5	143	0.00
9	Benzaldehyde	40.000	34.834	12.9	134	0.00
10 C	Phenol	40.000	41.296	-3.2	145	0.00
11	bis(2-Chloroethyl)ether	40.000	40.387	-1.0	153	0.00
12	1,3-Dichlorobenzene	40.000	39.552	1.1	139	0.00
13 C	1,4-Dichlorobenzene	40.000	40.182	-0.5	141	0.00
14	1,2-Dichlorobenzene	40.000	39.684	0.8	140	0.00
15	Benzyl Alcohol	40.000	38.676	3.3	134	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	44.868	-12.2	159	0.00
17	2-Methylphenol	40.000	41.437	-3.6	146	0.00
18	Hexachloroethane	40.000	38.249	4.4	134	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	40.259	-0.6	141	0.00
20	3+4-Methylphenols	40.000	39.607	1.0	139	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	148	0.00
22	Acetophenone	40.000	37.910	5.2	136	0.00
23 S	Nitrobenzene-d5	80.000	77.439	3.2	138	0.00
24	Nitrobenzene	40.000	39.014	2.5	139	0.00
25	Isophorone	40.000	40.062	-0.2	145	0.00
26 C	2-Nitrophenol	40.000	42.833	-7.1	148	0.00
27	2,4-Dimethylphenol	40.000	40.804	-2.0	144	0.00
28	bis(2-Chloroethoxy)methane	40.000	40.865	-2.2	149	0.00
29 C	2,4-Dichlorophenol	40.000	40.104	-0.3	143	0.00
30	1,2,4-Trichlorobenzene	40.000	38.526	3.7	139	0.00
31	Naphthalene	40.000	39.615	1.0	143	0.00
32	Benzoic acid	40.000	40.999	-2.5	145	0.00
33	4-Chloroaniline	40.000	40.856	-2.1	143	0.00
34 C	Hexachlorobutadiene	40.000	36.497	8.8	131	0.00
35	Caprolactam	40.000	42.778	-6.9	149	0.00
36 C	4-Chloro-3-methylphenol	40.000	39.626	0.9	140	0.00
37	2-Methylnaphthalene	40.000	39.129	2.2	141	0.00
38	1-Methylnaphthalene	40.000	39.364	1.6	143	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	149	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	38.909	2.7	139	0.00
41 P	Hexachlorocyclopentadiene	40.000	35.909	10.2	121	0.00
42 S	2,4,6-Tribromophenol	80.000	72.067	9.9	125	0.00
43 C	2,4,6-Trichlorophenol	40.000	39.431	1.4	135	0.00
44	2,4,5-Trichlorophenol	40.000	40.768	-1.9	143	0.00
45 S	2-Fluorobiphenyl	80.000	74.973	6.3	134	0.00
46	1,1'-Biphenyl	40.000	39.108	2.2	139	0.00
47	2-Chloronaphthalene	40.000	39.967	0.1	141	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
 Data File : BF139493.D
 Acq On : 20 Sep 2024 10:09
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Sep 20 11:16:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 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	40.612	-1.5	143	0.00
49	Acenaphthylene	40.000	40.203	-0.5	143	0.00
50	Dimethylphthalate	40.000	38.502	3.7	137	0.00
51	2,6-Dinitrotoluene	40.000	41.341	-3.4	144	0.00
52 C	Acenaphthene	40.000	39.644	0.9	139	0.00
53	3-Nitroaniline	40.000	42.283	-5.7	144	0.00
54 P	2,4-Dinitrophenol	40.000	39.744	0.6	135	0.00
55	Dibenzofuran	40.000	39.547	1.1	140	0.00
56 P	4-Nitrophenol	40.000	39.069	2.3	133	0.00
57	2,4-Dinitrotoluene	40.000	40.802	-2.0	138	0.00
58	Fluorene	40.000	38.221	4.4	133	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	38.731	3.2	136	0.00
60	Diethylphthalate	40.000	37.413	6.5	131	0.00
61	4-Chlorophenyl-phenylether	40.000	37.365	6.6	132	0.00
62	4-Nitroaniline	40.000	38.069	4.8	130	0.00
63	Azobenzene	40.000	39.229	1.9	137	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	142	0.00
65	4,6-Dinitro-2-methylphenol	40.000	43.802	-9.5	141	0.00
66 c	n-Nitrosodiphenylamine	40.000	39.876	0.3	138	0.00
67	4-Bromophenyl-phenylether	40.000	39.164	2.1	134	0.00
68	Hexachlorobenzene	40.000	38.303	4.2	130	0.00
69	Atrazine	40.000	35.465	11.3	145	0.00
70 C	Pentachlorophenol	40.000	38.730	3.2	128	0.00
71	Phenanthrene	40.000	39.694	0.8	136	0.00
72	Anthracene	40.000	40.170	-0.4	136	0.00
73	Carbazole	40.000	40.767	-1.9	138	0.00
74	Di-n-butylphthalate	40.000	38.771	3.1	129	0.00
75 C	Fluoranthene	40.000	40.219	-0.5	136	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	130	0.00
77	Benzydine	40.000	34.715	13.2	85	0.00
78	Pyrene	40.000	47.111	-17.8	137	0.00
79 S	Terphenyl-d14	80.000	86.345	-7.9	127	0.00
80	Butylbenzylphthalate	40.000	42.049	-5.1	128	0.00
81	Benzo(a)anthracene	40.000	39.470	1.3	126	0.00
82	3,3'-Dichlorobenzidine	40.000	36.590	8.5	124	0.00
83	Chrysene	40.000	40.098	-0.2	129	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	38.547	3.6	122	0.00
85 c	Di-n-octyl phthalate	40.000	35.467	11.3	112	0.00
86 I	Perylene-d12	20.000	20.000	0.0	135	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	43.144	-7.9	127	0.00
88	Benzo(b)fluoranthene	40.000	39.093	2.3	132	0.00
89	Benzo(k)fluoranthene	40.000	36.857	7.9	118	0.00
90 C	Benzo(a)pyrene	40.000	40.170	-0.4	129	0.00
91	Dibenzo(a,h)anthracene	40.000	42.712	-6.8	129	0.00
92	Benzo(g,h,i)perylene	40.000	45.678	-14.2	135	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139493.D
Acq On : 20 Sep 2024 10:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Sep 20 11:16:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
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)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
 Data File : BF139493.D
 Acq On : 20 Sep 2024 10:09
 Operator : RC/JU
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 BNA_F
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Quant Time: Sep 20 11:16:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 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	138	0.00
2	1,4-Dioxane	0.492	0.530	-7.7	148	-0.02
3	Pyridine	1.084	1.258	-16.1	158#	-0.02
4	n-Nitrosodimethylamine	0.940	0.868	7.7	127	-0.02
5 S	2-Fluorophenol	1.226	1.222	0.3	139	0.00
6	Aniline	1.214	1.237	-1.9	143	-0.02
7 S	Phenol-d6	1.609	1.611	-0.1	139	0.00
8	2-Chlorophenol	1.262	1.281	-1.5	143	0.00
9	Benzaldehyde	0.930	0.810	12.9	134	0.00
10 C	Phenol	1.639	1.692	-3.2	145	0.00
11	bis(2-Chloroethyl)ether	1.246	1.258	-1.0	153#	0.00
12	1,3-Dichlorobenzene	1.435	1.419	1.1	139	0.00
13 C	1,4-Dichlorobenzene	1.450	1.457	-0.5	141	0.00
14	1,2-Dichlorobenzene	1.370	1.360	0.7	140	0.00
15	Benzyl Alcohol	1.284	1.241	3.3	134	0.00
16	2,2'-oxybis(1-Chloropropane	1.920	2.153	-12.1	159#	0.00
17	2-Methylphenol	1.003	1.039	-3.6	146	0.00
18	Hexachloroethane	0.552	0.528	4.3	134	0.00
19 P	n-Nitroso-di-n-propylamine	0.954	0.960	-0.6	141	0.00
20	3+4-Methylphenols	1.368	1.355	1.0	139	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	148	0.00
22	Acetophenone	0.523	0.496	5.2	136	0.00
23 S	Nitrobenzene-d5	0.425	0.412	3.1	138	0.00
24	Nitrobenzene	0.438	0.427	2.5	139	0.00
25	Isophorone	0.673	0.674	-0.1	145	0.00
26 C	2-Nitrophenol	0.171	0.183	-7.0	148	0.00
27	2,4-Dimethylphenol	0.225	0.230	-2.2	144	0.00
28	bis(2-Chloroethoxy)methane	0.383	0.392	-2.3	149	0.00
29 C	2,4-Dichlorophenol	0.286	0.287	-0.3	143	0.00
30	1,2,4-Trichlorobenzene	0.333	0.321	3.6	139	0.00
31	Naphthalene	1.044	1.034	1.0	143	0.00
32	Benzoic acid	0.211	0.216	-2.4	145	0.00
33	4-Chloroaniline	0.319	0.326	-2.2	143	0.00
34 C	Hexachlorobutadiene	0.226	0.206	8.8	131	0.00
35	Caprolactam	0.088	0.094	-6.8	149	0.00
36 C	4-Chloro-3-methylphenol	0.327	0.324	0.9	140	0.00
37	2-Methylnaphthalene	0.663	0.648	2.3	141	0.00
38	1-Methylnaphthalene	0.651	0.640	1.7	143	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	149	0.00
40	1,2,4,5-Tetrachlorobenzene	0.593	0.577	2.7	139	0.00
41 P	Hexachlorocyclopentadiene	0.207	0.186	10.1	121	0.00
42 S	2,4,6-Tribromophenol	0.213	0.192	9.9	125	0.00
43 C	2,4,6-Trichlorophenol	0.386	0.380	1.6	135	0.00
44	2,4,5-Trichlorophenol	0.407	0.415	-2.0	143	0.00
45 S	2-Fluorobiphenyl	1.426	1.336	6.3	134	0.00
46	1,1'-Biphenyl	1.539	1.504	2.3	139	0.00
47	2-Chloronaphthalene	1.150	1.150	0.0	141	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
 Data File : BF139493.D
 Acq On : 20 Sep 2024 10:09
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Sep 20 11:16:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 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	0.428	0.434	-1.4	143	0.00
49	Acenaphthylene	1.732	1.741	-0.5	143	0.00
50	Dimethylphthalate	1.313	1.264	3.7	137	0.00
51	2,6-Dinitrotoluene	0.291	0.301	-3.4	144	0.00
52 C	Acenaphthene	1.209	1.198	0.9	139	0.00
53	3-Nitroaniline	0.291	0.307	-5.5	144	0.00
54 P	2,4-Dinitrophenol	0.162	0.161	0.6	135	0.00
55	Dibenzofuran	1.685	1.666	1.1	140	0.00
56 P	4-Nitrophenol	0.240	0.235	2.1	133	0.00
57	2,4-Dinitrotoluene	0.393	0.400	-1.8	138	0.00
58	Fluorene	1.375	1.313	4.5	133	0.00
59	2,3,4,6-Tetrachlorophenol	0.336	0.326	3.0	136	0.00
60	Diethylphthalate	1.355	1.267	6.5	131	0.00
61	4-Chlorophenyl-phenylether	0.668	0.624	6.6	132	0.00
62	4-Nitroaniline	0.317	0.302	4.7	130	0.00
63	Azobenzene	1.332	1.307	1.9	137	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	142	0.00
65	4,6-Dinitro-2-methylphenol	0.106	0.116	-9.4	141	0.00
66 c	n-Nitrosodiphenylamine	0.585	0.583	0.3	138	0.00
67	4-Bromophenyl-phenylether	0.198	0.194	2.0	134	0.00
68	Hexachlorobenzene	0.233	0.223	4.3	130	0.00
69	Atrazine	0.139	0.123	11.5	145	0.00
70 C	Pentachlorophenol	0.140	0.135	3.6	128	0.00
71	Phenanthrene	0.965	0.958	0.7	136	0.00
72	Anthracene	0.943	0.947	-0.4	136	0.00
73	Carbazole	0.903	0.920	-1.9	138	0.00
74	Di-n-butylphthalate	1.006	0.975	3.1	129	0.00
75 C	Fluoranthene	1.030	1.036	-0.6	136	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	130	0.00
77	Benzydine	0.287	0.249	13.2	85	0.00
78	Pyrene	1.717	2.023	-17.8	137	0.00
79 S	Terphenyl-d14	1.218	1.315	-8.0	127	0.00
80	Butylbenzylphthalate	0.585	0.614	-5.0	128	0.00
81	Benzo(a)anthracene	1.325	1.307	1.4	126	0.00
82	3,3'-Dichlorobenzidine	0.388	0.355	8.5	124	0.00
83	Chrysene	1.219	1.222	-0.2	129	0.00
84	Bis(2-ethylhexyl)phthalate	0.744	0.717	3.6	122	0.00
85 c	Di-n-octyl phthalate	1.095	0.971	11.3	112	0.00
86 I	Perylene-d12	1.000	1.000	0.0	135	0.00
87	Indeno(1,2,3-cd)pyrene	1.189	1.283	-7.9	127	0.00
88	Benzo(b)fluoranthene	1.233	1.206	2.2	132	0.00
89	Benzo(k)fluoranthene	1.137	1.048	7.8	118	0.00
90 C	Benzo(a)pyrene	1.023	1.027	-0.4	129	0.00
91	Dibenzo(a,h)anthracene	0.983	1.049	-6.7	129	0.00
92	Benzo(g,h,i)perylene	0.973	1.111	-14.2	135	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139493.D
Acq On : 20 Sep 2024 10:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Sep 20 11:16:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
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 = 0



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: P4103 SAS No.: P4103 SDG No.: P4103

Instrument ID: BNA_P Calibration Date/Time: 09/23/2024 09:39

Lab File ID: BP021975.D Init. Calib. Date(s): 09/19/2024 09/19/2024

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:55 17:44

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.179	1.115		-5.4	
2-Fluorophenol	1.064	1.031		-3.1	
Phenol-d6	1.382	1.375		-0.5	
1,4-Dichlorobenzene	1.457	1.461		0.3	20.0
2-Methylphenol	0.927	0.982		5.9	
3+4-Methylphenols	1.309	1.371		4.7	
Nitrobenzene-d5	0.378	0.375		-0.8	
Hexachloroethane	0.536	0.553		3.2	
Nitrobenzene	0.384	0.380		-1.0	
Hexachlorobutadiene	0.321	0.327		1.9	20.0
2,4,6-Trichlorophenol	0.429	0.415		-3.3	20.0
2-Fluorobiphenyl	1.370	1.339		-2.3	
2,4,5-Trichlorophenol	0.482	0.474		-1.7	
2,4-Dinitrotoluene	0.457	0.486		6.3	
2,4,6-Tribromophenol	0.371	0.410		10.5	
Hexachlorobenzene	0.291	0.288		-1.0	
Pentachlorophenol	0.196	0.197		0.5	20.0
Terphenyl-d14	1.065	1.042		-2.2	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092324\
 Data File : BP021975.D
 Acq On : 23 Sep 2024 09:39
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Sep 23 11:03:53 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Sep 20 01:22:00 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	87069	20.000	ng	0.00
21) Naphthalene-d8	10.469	136	360051	20.000	ng	0.00
39) Acenaphthene-d10	14.333	164	292122	20.000	ng	0.00
64) Phenanthrene-d10	17.115	188	770589	20.000	ng	-0.02
76) Chrysene-d12	21.551	240	950314	20.000	ng	-0.01
86) Perylene-d12	24.833	264	1123534	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	359238	77.537	ng	0.00
7) Phenol-d6	6.892	99	478787	79.604	ng	0.00
23) Nitrobenzene-d5	8.851	82	539755	79.323	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	479226	88.490	ng	-0.02
45) 2-Fluorobiphenyl	12.939	172	1564162	78.163	ng	0.00
79) Terphenyl-d14	19.851	244	3961972	78.316	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.257	88	71386	37.106	ng	98
3) Pyridine	3.657	79	194089m	37.827	ng	
4) n-Nitrosodimethylamine	3.563	42	111262	41.107	ng	90
6) Aniline	7.045	93	211572	40.030	ng	98
8) 2-Chlorophenol	7.281	128	200344	40.439	ng	96
9) Benzaldehyde	6.863	77	125563	39.926	ng	99
10) Phenol	6.916	94	238020	39.844	ng	96
11) bis(2-Chloroethyl)ether	7.145	93	184355	40.969	ng	99
12) 1,3-Dichlorobenzene	7.598	146	253605	40.546	ng	98
13) 1,4-Dichlorobenzene	7.745	146	254455	40.115	ng	99
14) 1,2-Dichlorobenzene	8.057	146	242215	39.785	ng	98
15) Benzyl Alcohol	7.945	79	198475	43.028	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.228	45	199847	41.639	ng	98
17) 2-Methylphenol	8.145	107	170928	42.355	ng	98
18) Hexachloroethane	8.775	117	96349	41.308	ng	98
19) n-Nitroso-di-n-propyla...	8.504	70	165641	44.308	ng	99
20) 3+4-Methylphenols	8.469	107	238821	41.921	ng	98
22) Acetophenone	8.516	105	334419	38.075	ng	# 96
24) Nitrobenzene	8.892	77	273953	39.645	ng	99
25) Isophorone	9.410	82	448948	40.019	ng	99
26) 2-Nitrophenol	9.592	139	119625	39.593	ng	98
27) 2,4-Dimethylphenol	9.657	122	141755	40.519	ng	97
28) bis(2-Chloroethoxy)met...	9.886	93	264980	39.394	ng	100
29) 2,4-Dichlorophenol	10.122	162	241217	40.621	ng	95
30) 1,2,4-Trichlorobenzene	10.333	180	292416	39.533	ng	99
31) Naphthalene	10.522	128	713114	39.693	ng	99
32) Benzoic acid	9.804	122	168548	41.209	ng	97
33) 4-Chloroaniline	10.628	127	264512	40.818	ng	99
34) Hexachlorobutadiene	10.810	225	235297	40.663	ng	98
35) Caprolactam	11.416	113	71237	40.310	ng	90
36) 4-Chloro-3-methylphenol	11.751	107	268436	42.135	ng	99
37) 2-Methylnaphthalene	12.127	142	538771	40.989	ng	99
38) 1-Methylnaphthalene	12.351	142	542020	41.766	ng	99
40) 1,2,4,5-Tetrachloroben...	12.504	216	393245	38.477	ng	99
41) Hexachlorocyclopentadiene	12.486	237	146488	38.576	ng	99
43) 2,4,6-Trichlorophenol	12.739	196	242363	38.635	ng	99

09/25/2024

Supervised By :mohammad

Ahmed

09/25/2024

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092324\
 Data File : BP021975.D
 Acq On : 23 Sep 2024 09:39
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Sep 23 11:03:53 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Sep 20 01:22:00 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.822	196	276917	39.351	ng	98
46) 1,1'-Biphenyl	13.145	154	776924	39.006	ng	99
47) 2-Chloronaphthalene	13.192	162	625205	38.820	ng	100
48) 2-Nitroaniline	13.392	65	184244	41.895	ng	96
49) Acenaphthylene	14.051	152	915313	40.276	ng	99
50) Dimethylphthalate	13.774	163	839950	39.645	ng	99
51) 2,6-Dinitrotoluene	13.898	165	188387	39.903	ng	97
52) Acenaphthene	14.398	154	596323	40.318	ng	99
53) 3-Nitroaniline	14.227	138	173963	41.346	ng	97
54) 2,4-Dinitrophenol	14.439	184	115094	41.608	ng	99
55) Dibenzofuran	14.733	168	1028797	41.383	ng	99
56) 4-Nitrophenol	14.545	139	152287	41.582	ng	98
57) 2,4-Dinitrotoluene	14.698	165	283802	42.523	ng	99
58) Fluorene	15.392	166	866097	41.717	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.963	232	280984	41.373	ng	98
60) Diethylphthalate	15.163	149	903477	41.964	ng	99
61) 4-Chlorophenyl-phenyle...	15.398	204	509799	42.178	ng	98
62) 4-Nitroaniline	15.416	138	200869	43.415	ng	93
63) Azobenzene	15.692	77	778615	43.702	ng	99
65) 4,6-Dinitro-2-methylph...	15.468	198	179441	40.175	ng	99
66) n-Nitrosodiphenylamine	15.610	169	747909	38.979	ng	97
67) 4-Bromophenyl-phenylether	16.292	248	352710	39.265	ng	98
68) Hexachlorobenzene	16.421	284	444136	39.657	ng	99
69) Atrazine	16.574	200	228365	33.218	ng	100
70) Pentachlorophenol	16.768	266	304348	40.392	ng	99
71) Phenanthrene	17.163	178	1432097	38.715	ng	99
72) Anthracene	17.263	178	1437412	40.142	ng	99
73) Carbazole	17.539	167	1396754	40.386	ng	100
74) Di-n-butylphthalate	18.139	149	1675695	41.254	ng	100
75) Fluoranthene	19.257	202	2144451	41.533	ng	100
77) Benzidine	19.445	184	741881	63.882	ng	99
78) Pyrene	19.627	202	2217946	38.581	ng	100
80) Butylbenzylphthalate	20.580	149	812833	39.642	ng	95
81) Benzo(a)anthracene	21.533	228	2383716	39.036	ng	99
82) 3,3'-Dichlorobenzidine	21.456	252	880853	39.757	ng	99
83) Chrysene	21.598	228	2256950	39.255	ng	99
84) Bis(2-ethylhexyl)phtha...	21.474	149	1212189	40.281	ng	100
85) Di-n-octyl phthalate	22.721	149	2050233	40.113	ng	100
87) Indeno(1,2,3-cd)pyrene	28.574	276	2946823	39.435	ng	99
88) Benzo(b)fluoranthene	23.792	252	2672574	40.221	ng	99
89) Benzo(k)fluoranthene	23.868	252	2455839	39.055	ng	99
90) Benzo(a)pyrene	24.680	252	2250117	39.310	ng	100
91) Dibenzo(a,h)anthracene	28.638	278	2389310	38.741	ng	98
92) Benzo(g,h,i)perylene	29.738	276	2534953	40.126	ng	99

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

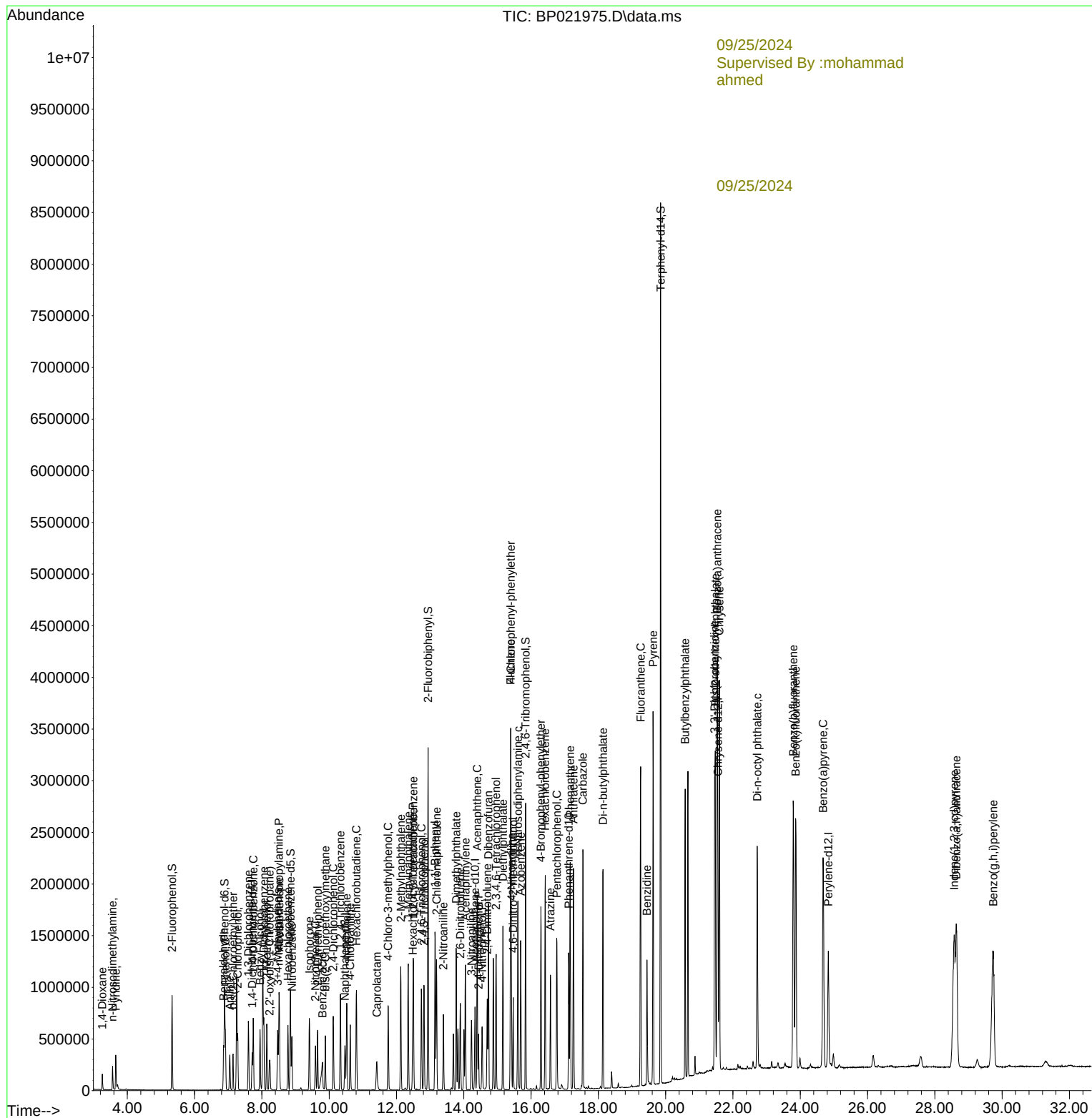
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Data File : BP021975.D
Acq On : 23 Sep 2024 09:39
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

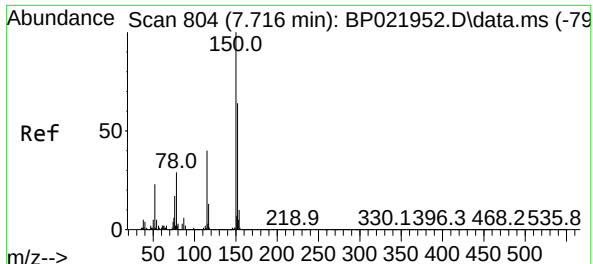
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel

Quant Time: Sep 23 11:03:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 01:22:00 2024
Response via : Initial Calibration





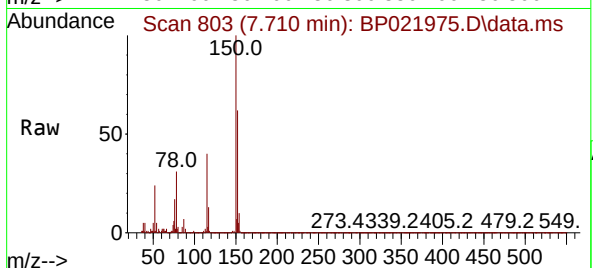
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 804
Delta R.T. -0.006 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

Instrument :

BNA_P

ClientSampleId :

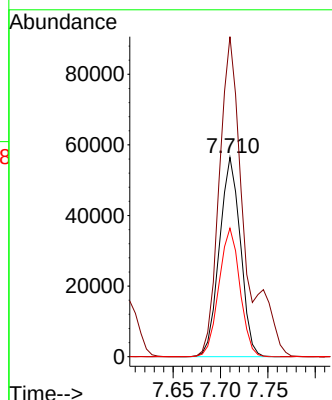
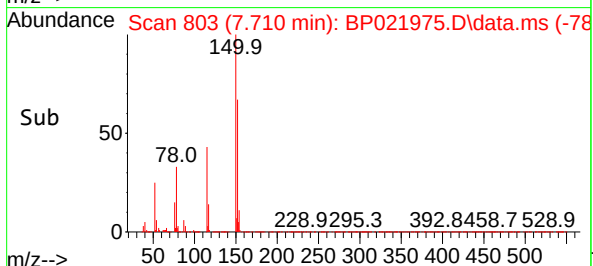
SSTDCCC040



Tgt Ion:152 Resp: 87069
Ion Ratio Lower Upper
152 100
150 160.5 124.2 186.2
115 64.5 49.2 73.8

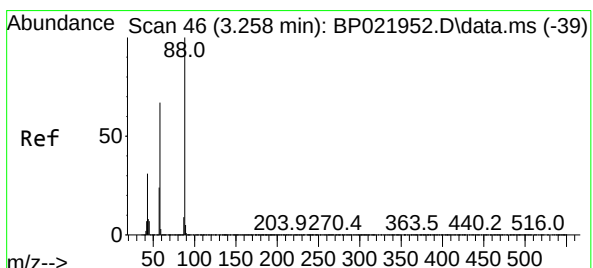
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



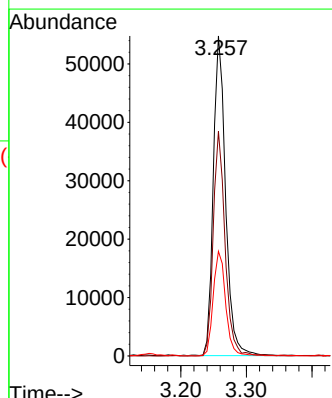
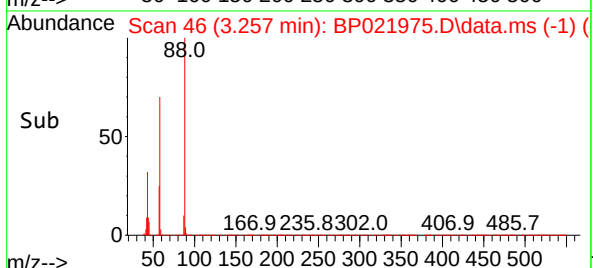
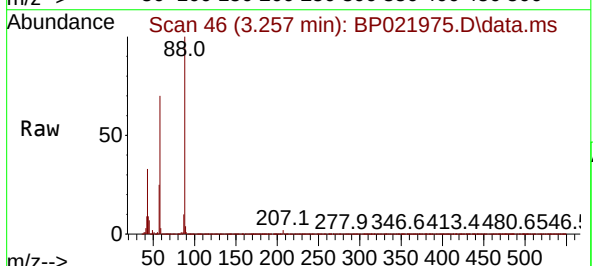
09/25/2024
Supervised By :mohammad
ahmed

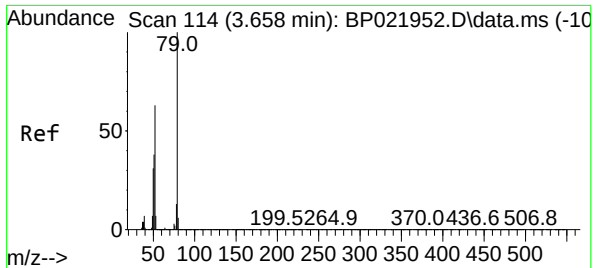
09/25/2024



#2
1,4-Dioxane
Concen: 37.106 ng
RT: 3.257 min Scan# 46
Delta R.T. -0.000 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

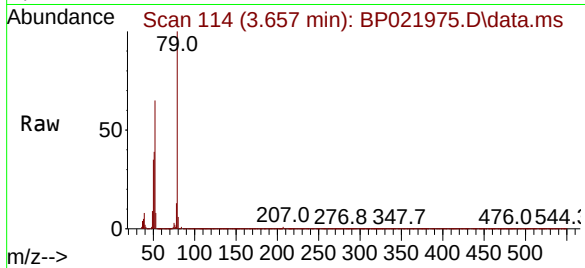
Tgt Ion: 88 Resp: 71386
Ion Ratio Lower Upper
88 100
58 67.9 53.8 80.6
43 33.3 25.2 37.8





#3
Pyridine
Concen: 37.827 ng m
RT: 3.657 min Scan# 114
Delta R.T. -0.000 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

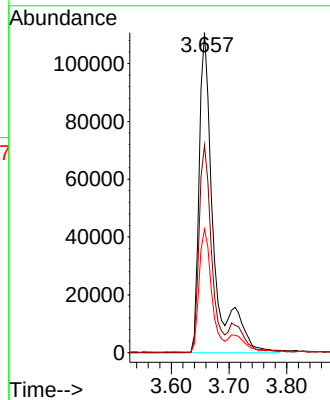
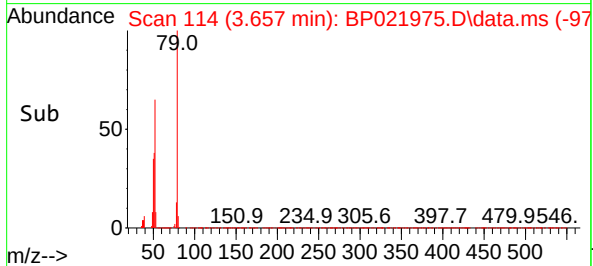
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 194089
Ion Ratio Lower Upper
79 100
52 64.8 50.3 75.5
51 38.7 30.9 46.3

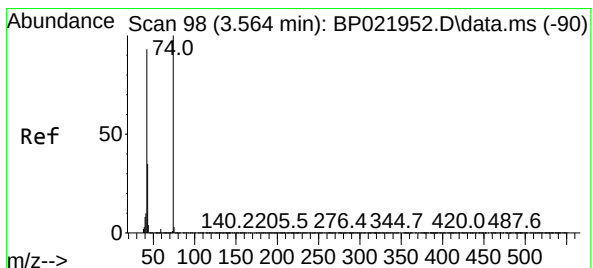
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



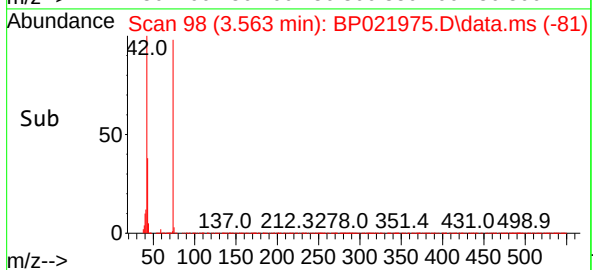
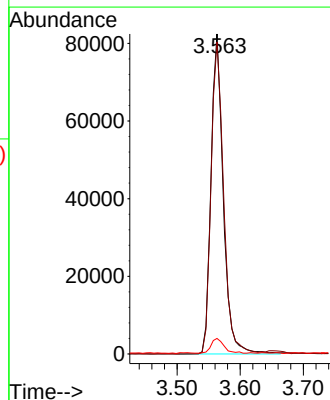
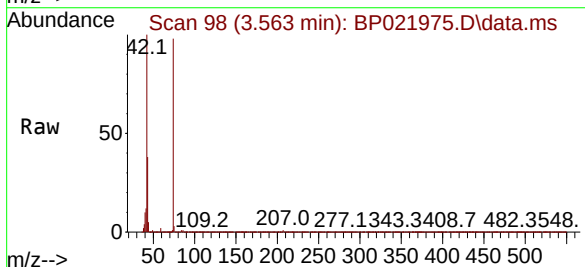
09/25/2024
Supervised By :mohammad
ahmed

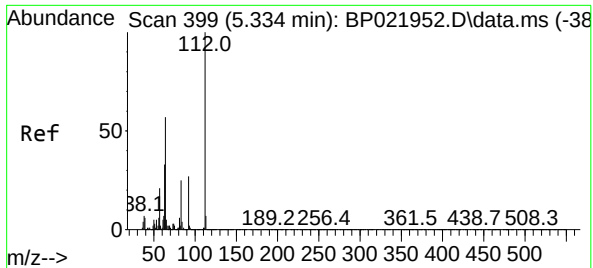
09/25/2024



#4
n-Nitrosodimethylamine
Concen: 41.107 ng
RT: 3.563 min Scan# 98
Delta R.T. -0.000 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

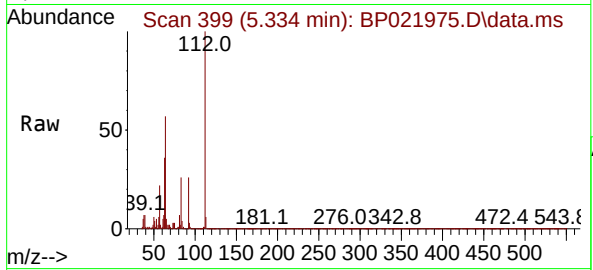
Tgt Ion: 42 Resp: 111262
Ion Ratio Lower Upper
42 100
74 97.5 86.3 129.5
44 4.8 4.0 6.0





#5
2-Fluorophenol
Concen: 77.537 ng
RT: 5.334 min Scan# 399
Delta R.T. -0.000 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

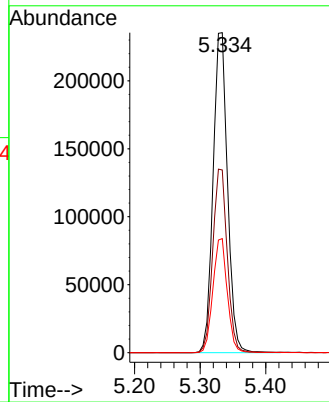
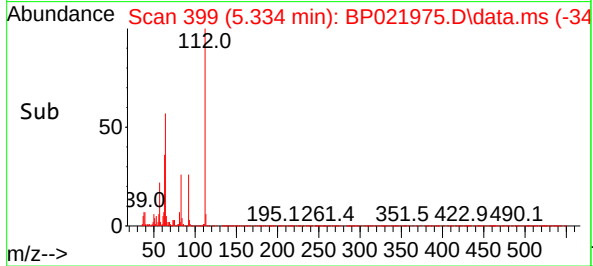
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 112 Resp: 359238
Ion Ratio Lower Upper
112 100
64 57.1 45.4 68.0
63 35.7 26.6 39.8

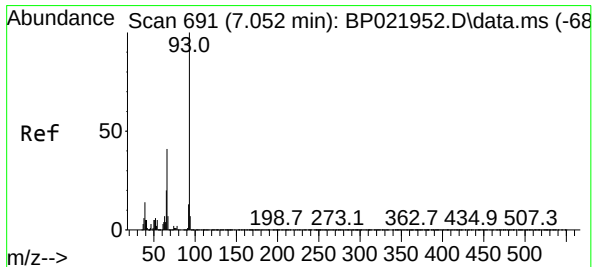
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Reviewed By :Yogesh
Patel



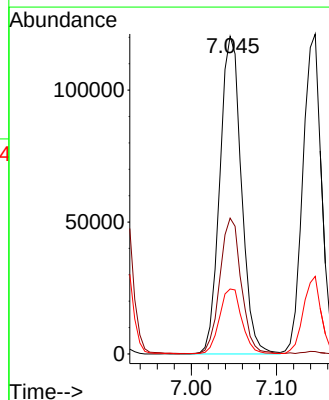
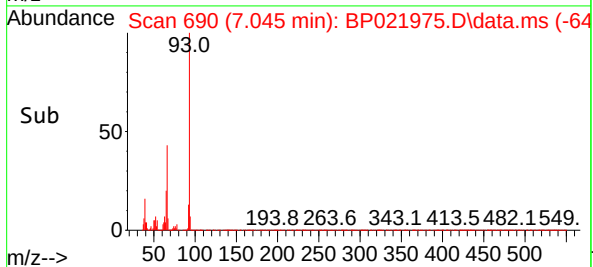
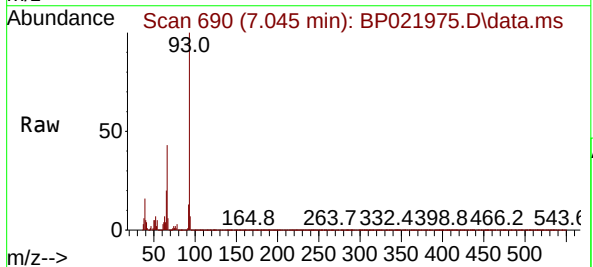
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Supervised By :mohammad
ahmed

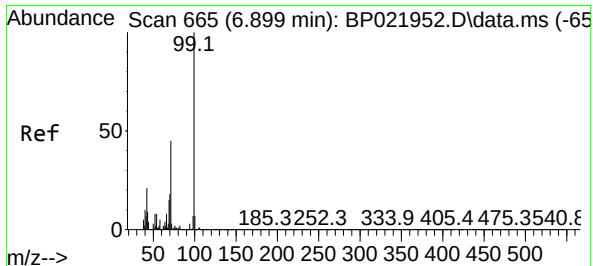
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#6
Aniline
Concen: 40.030 ng
RT: 7.045 min Scan# 690
Delta R.T. -0.006 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

Tgt Ion: 93 Resp: 211572
Ion Ratio Lower Upper
93 100
66 42.8 33.0 49.4
65 20.4 16.1 24.1





#7
Phenol-d6
Concen: 79.604 ng
RT: 6.892 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

Instrument :

BNA_P

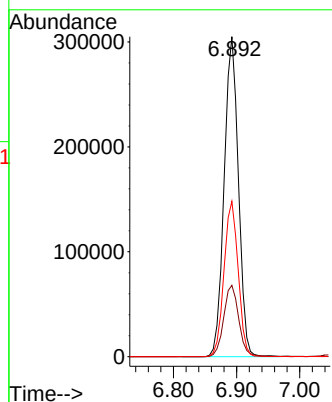
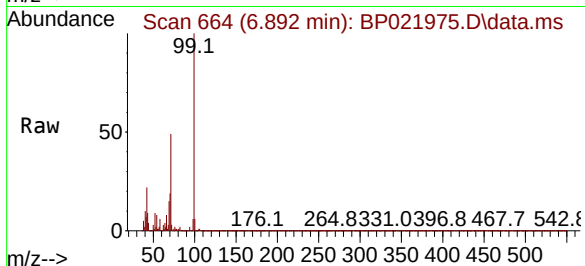
ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 47878
Ion Ratio Lower Upper
99 100
42 22.3 16.8 25.2
71 48.5 35.8 53.6

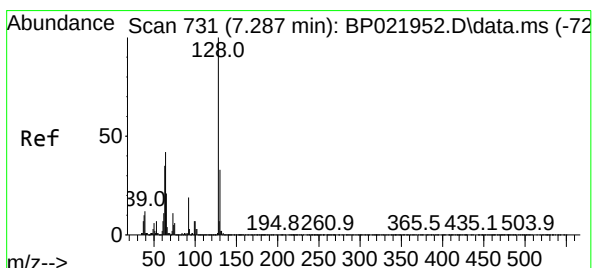
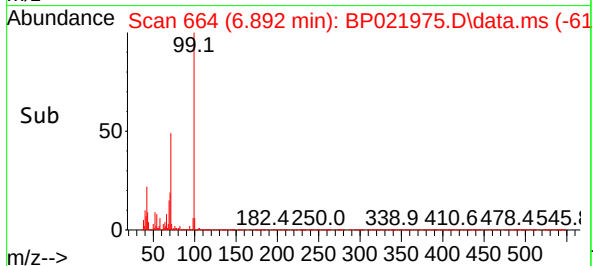
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Reviewed By :Yogesh
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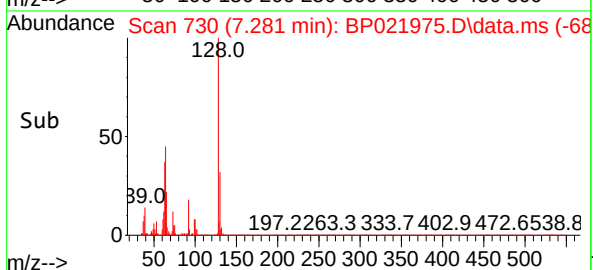
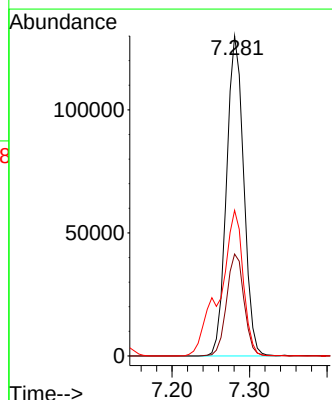
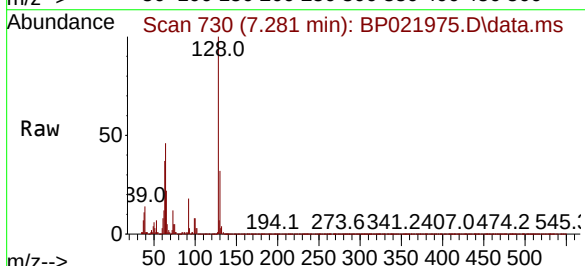
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Supervised By :mohammad
ahmed

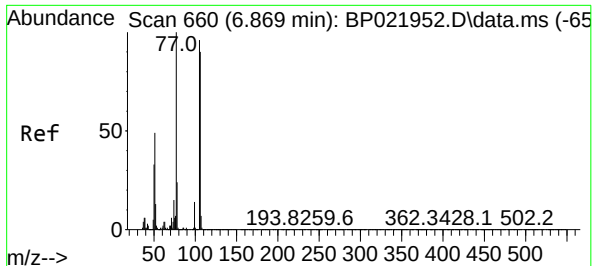
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#8
2-Chlorophenol
Concen: 40.439 ng
RT: 7.281 min Scan# 730
Delta R.T. -0.006 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

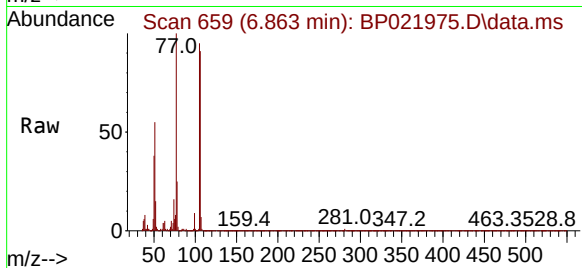
Tgt Ion:128 Resp: 200344
Ion Ratio Lower Upper
128 100
130 31.9 13.1 53.1
64 45.5 22.1 62.1





#9
Benzaldehyde
Concen: 39.926 ng
RT: 6.863 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

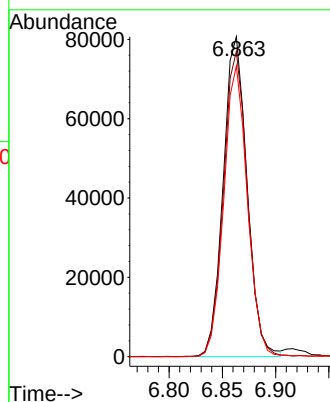
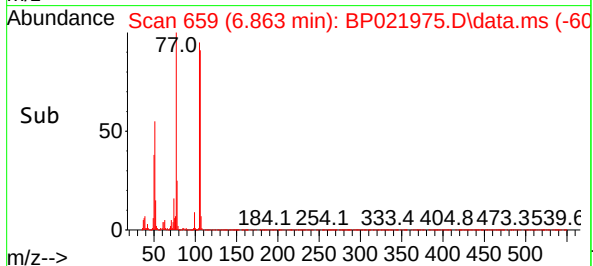
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 12556
Ion Ratio Lower Upper
77 100
105 95.4 76.1 116.1
106 90.9 69.9 109.9

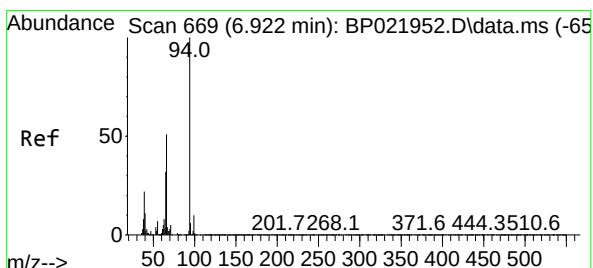
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Reviewed By :Yogesh
Patel



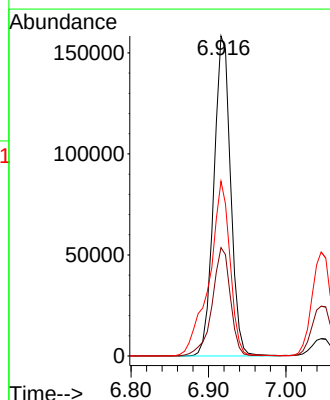
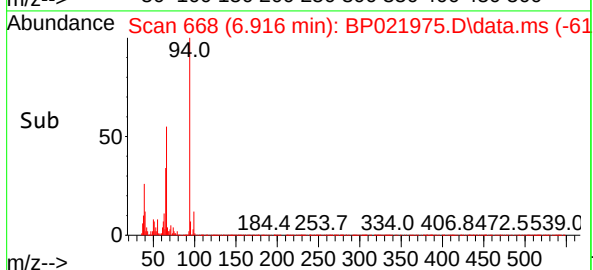
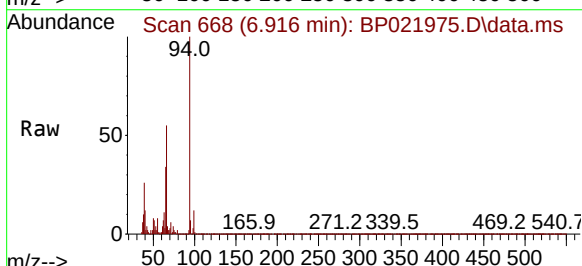
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Supervised By :mohammad
ahmed

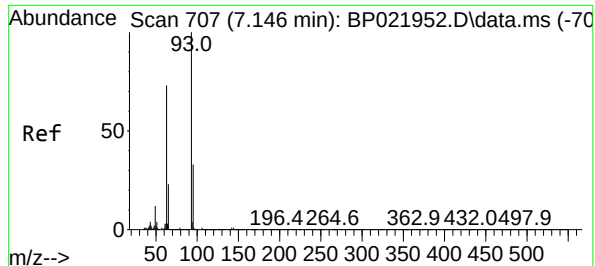
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#10
Phenol
Concen: 39.844 ng
RT: 6.916 min Scan# 668
Delta R.T. -0.006 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

Tgt Ion: 94 Resp: 238020
Ion Ratio Lower Upper
94 100
65 33.9 12.5 52.5
66 54.6 31.2 71.2





#11

bis(2-Chloroethyl)ether

Concen: 40.969 ng

RT: 7.145 min Scan# 707

Delta R.T. -0.000 min

Lab File: BP021975.D

Acq: 23 Sep 2024 09:39

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 18435

Ion Ratio Lower Upper

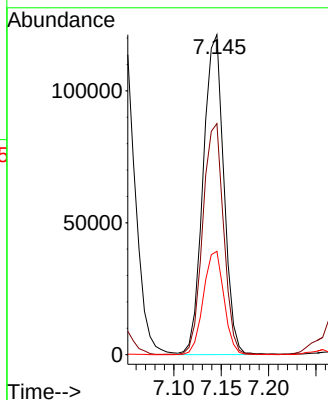
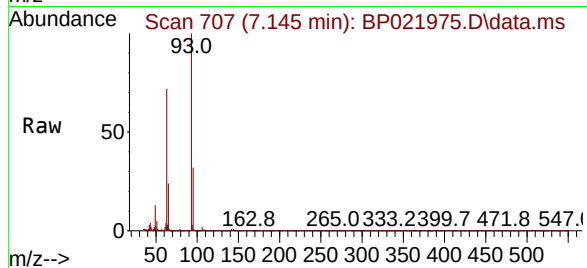
93 100

63 72.2 53.0 93.0

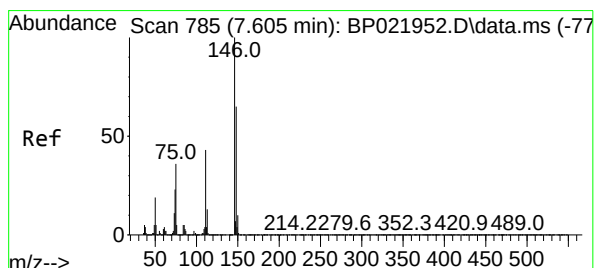
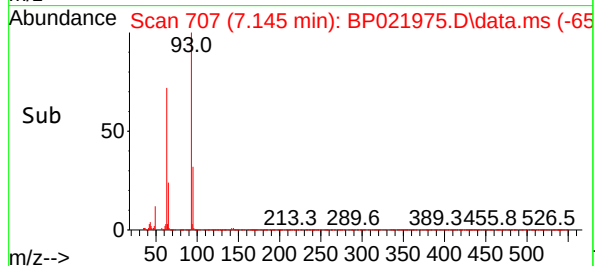
95 32.3 12.4 52.4

Manual Integrations

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Patel09/25/2024
Supervised By :mohammad
ahmed

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#12

1,3-Dichlorobenzene

Concen: 40.546 ng

RT: 7.598 min Scan# 784

Delta R.T. -0.006 min

Lab File: BP021975.D

Acq: 23 Sep 2024 09:39

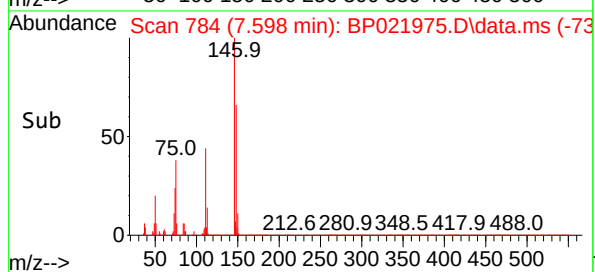
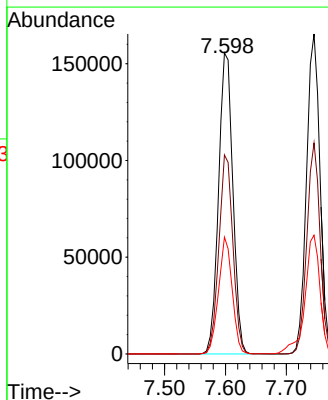
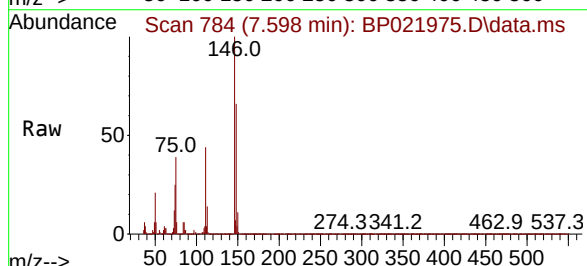
Tgt Ion:146 Resp: 253605

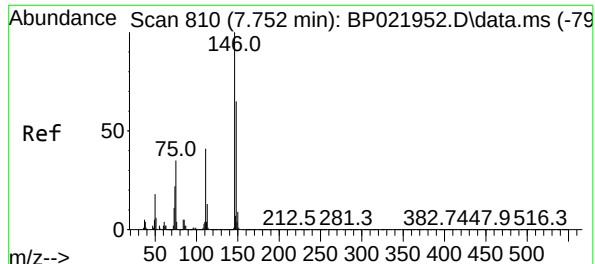
Ion Ratio Lower Upper

146 100

148 66.1 52.3 78.5

75 38.8 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 40.115 ng

RT: 7.745 min Scan# 809

Delta R.T. -0.006 min

Lab File: BP021975.D

Acq: 23 Sep 2024 09:39

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 25445

Ion Ratio Lower Upper

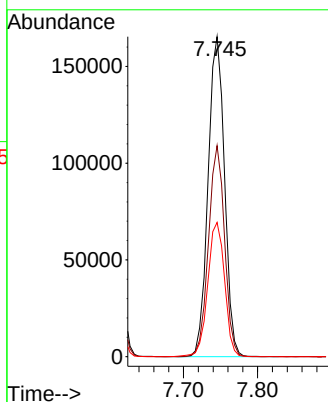
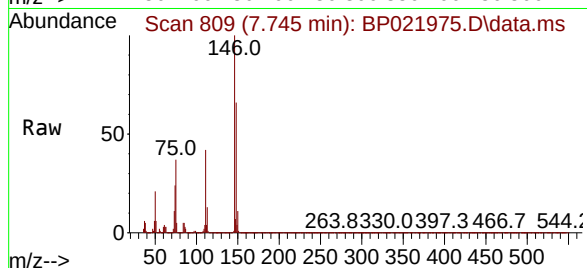
146 100

148 66.0 52.2 78.4

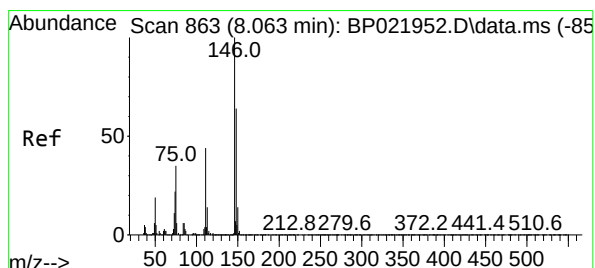
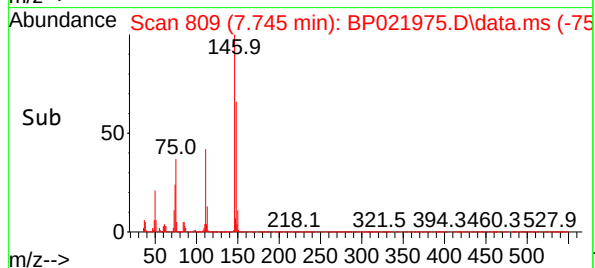
111 41.9 32.6 48.8

Manual Integrations

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Patel09/25/2024
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ahmed

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#14

1,2-Dichlorobenzene

Concen: 39.785 ng

RT: 8.057 min Scan# 862

Delta R.T. -0.006 min

Lab File: BP021975.D

Acq: 23 Sep 2024 09:39

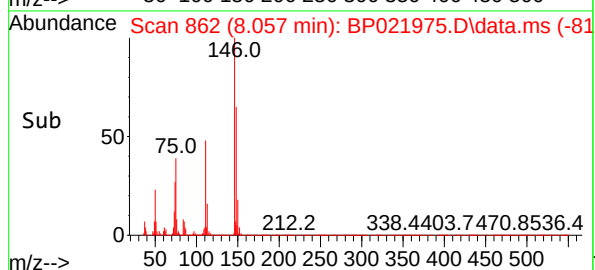
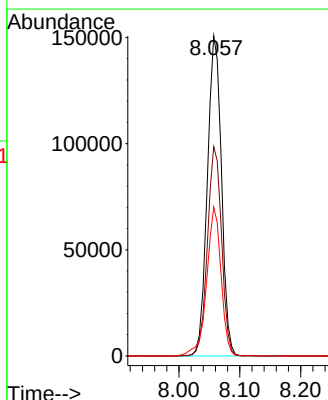
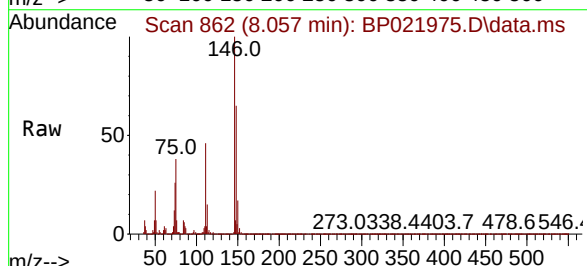
Tgt Ion:146 Resp: 242215

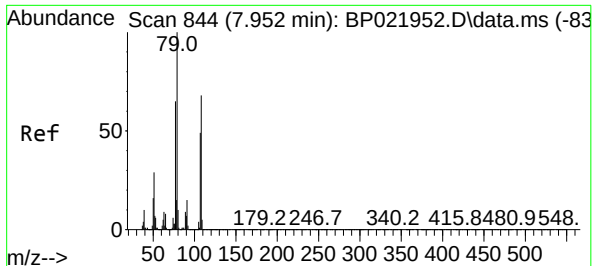
Ion Ratio Lower Upper

146 100

148 65.4 51.3 76.9

111 46.5 35.6 53.4





#15

Benzyl Alcohol

Concen: 43.028 ng

RT: 7.945 min Scan# 844

Delta R.T. -0.006 min

Lab File: BP021975.D

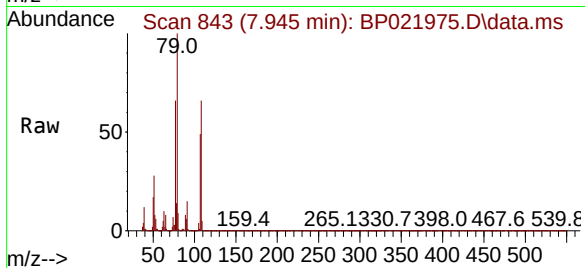
Acq: 23 Sep 2024 09:39

Instrument :

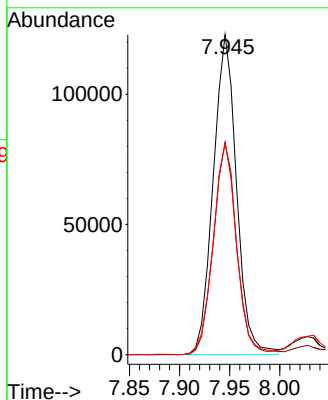
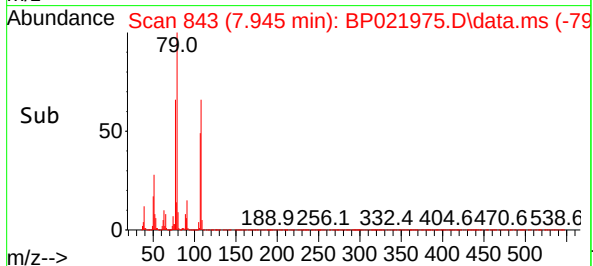
BNA_P

ClientSampleId :

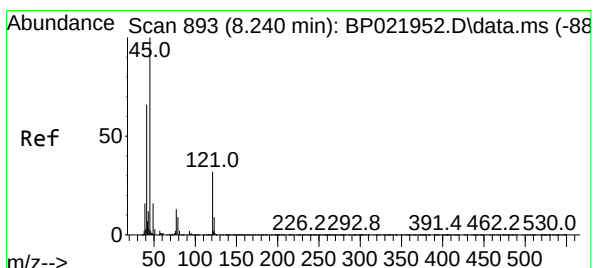
SSTDCCC040



Tgt Ion	Ratio	Lower	Upper
79	100		
108	66.2	54.7	82.1
77	66.3	51.8	77.8

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Supervised By :mohammad
ahmed

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#16

2,2'-oxybis(1-Chloropropane)

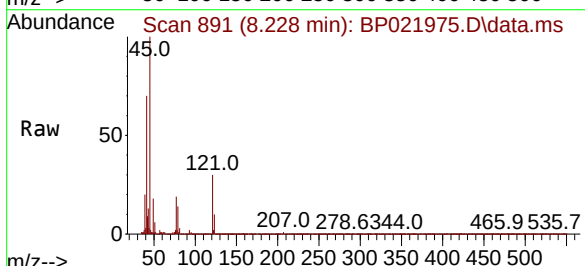
Concen: 41.639 ng

RT: 8.228 min Scan# 891

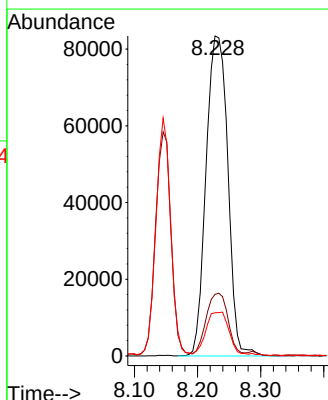
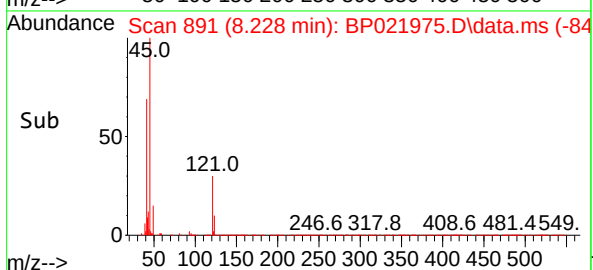
Delta R.T. -0.012 min

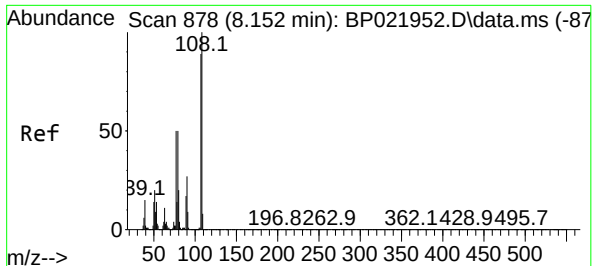
Lab File: BP021975.D

Acq: 23 Sep 2024 09:39



Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.2	0.0	39.5
79	13.5	0.0	34.9





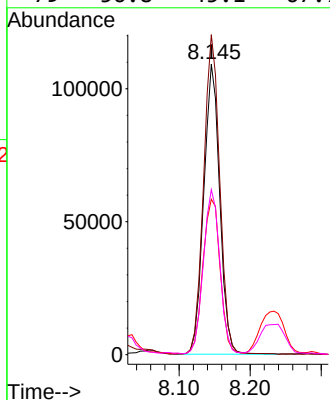
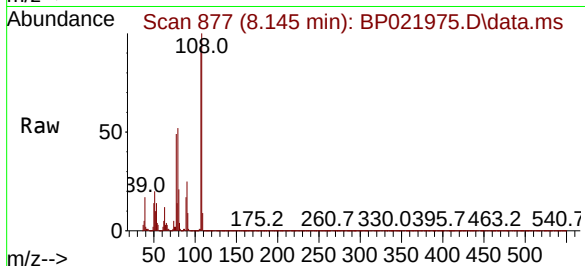
#17
2-Methylphenol
Concen: 42.355 ng
RT: 8.145 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 170928
Ion Ratio Lower Upper
107 100
108 110.1 90.3 135.5
77 53.5 45.1 67.7
79 56.8 45.1 67.7

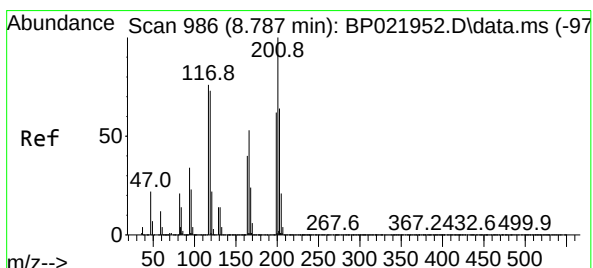
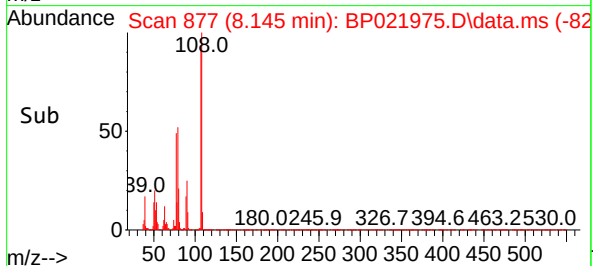
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Patel



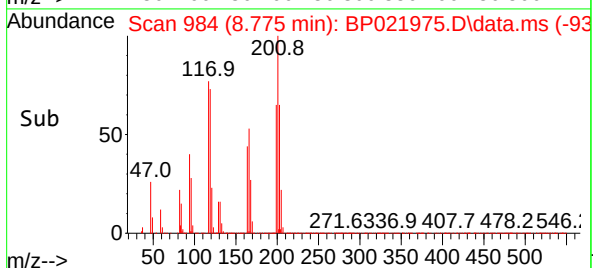
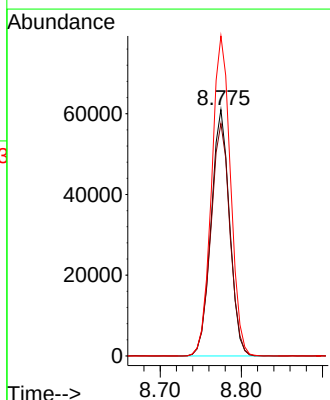
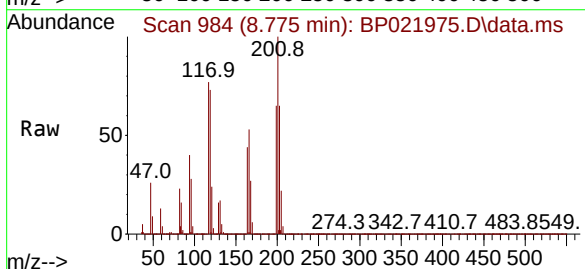
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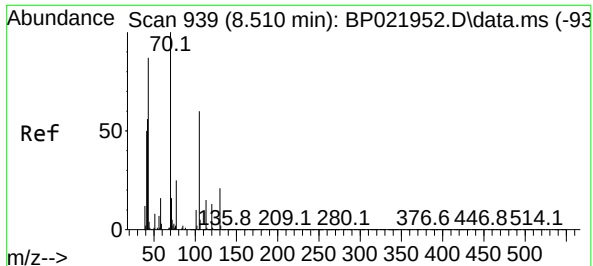
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#18
Hexachloroethane
Concen: 41.308 ng
RT: 8.775 min Scan# 984
Delta R.T. -0.012 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

Tgt Ion:117 Resp: 96349
Ion Ratio Lower Upper
117 100
119 94.4 77.0 115.4
201 129.9 105.6 158.4





#19

n-Nitroso-di-n-propylamine

Concen: 44.308 ng

RT: 8.504 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP021975.D

Acq: 23 Sep 2024 09:39

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 16564

Ion Ratio Lower Upper

70 100

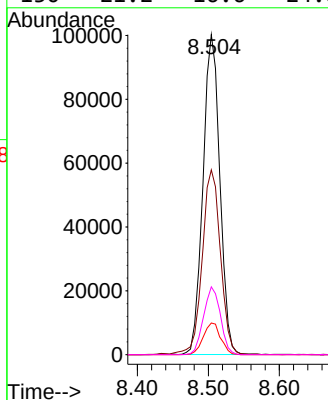
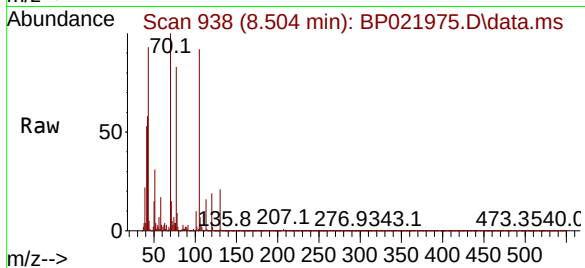
42 57.7 45.2 67.8

101 9.9 7.8 11.6

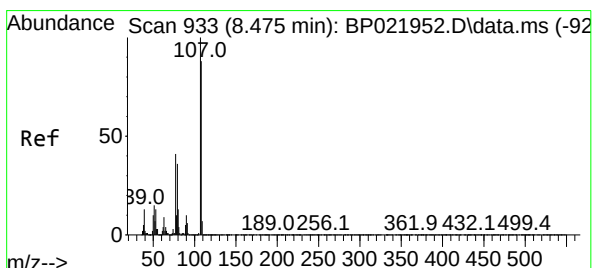
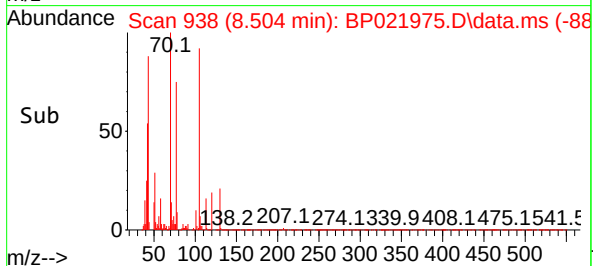
130 21.2 16.6 24.8

Manual Integrations

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Patel09/25/2024
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ahmed

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#20

3+4-Methylphenols

Concen: 41.921 ng

RT: 8.469 min Scan# 932

Delta R.T. -0.006 min

Lab File: BP021975.D

Acq: 23 Sep 2024 09:39

Tgt Ion:107 Resp: 238821

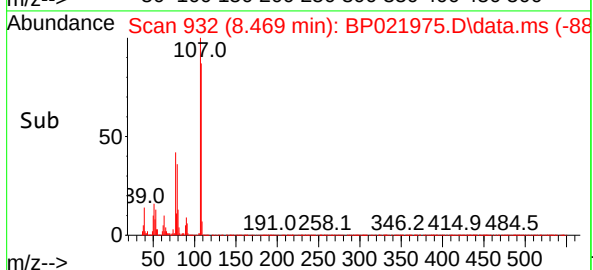
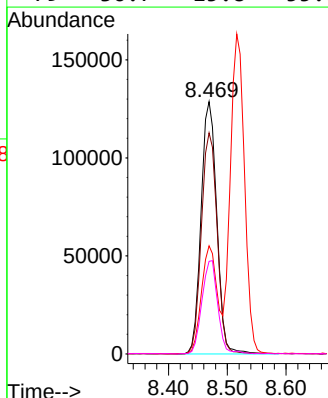
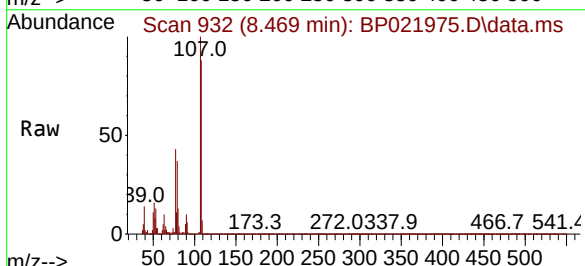
Ion Ratio Lower Upper

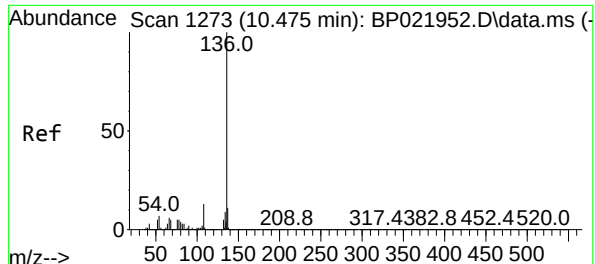
107 100

108 87.6 68.3 108.3

77 42.9 20.6 60.6

79 36.7 15.8 55.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.469 min Scan# 10

Delta R.T. -0.006 min

Lab File: BP021975.D

Acq: 23 Sep 2024 09:39

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 36005

Ion Ratio Lower Upper

136 100

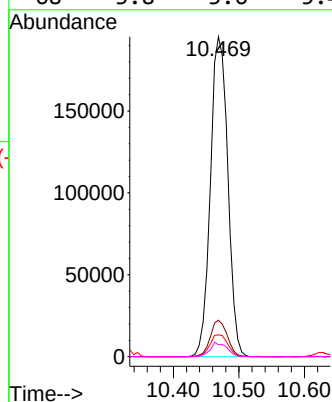
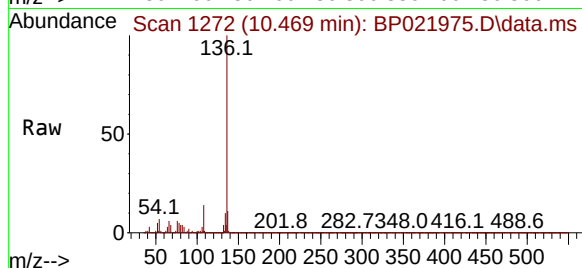
137 11.4 8.8 13.2

54 6.8 5.5 8.3

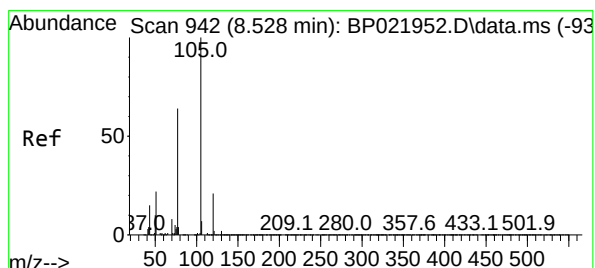
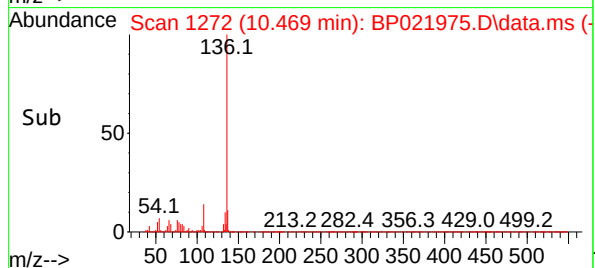
68 3.8 3.6 5.4

Manual Integrations

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Reviewed By :Yogesh
Patel09/25/2024
Supervised By :mohammad
ahmed

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#22

Acetophenone

Concen: 38.075 ng

RT: 8.516 min Scan# 940

Delta R.T. -0.012 min

Lab File: BP021975.D

Acq: 23 Sep 2024 09:39

Tgt Ion:105 Resp: 334419

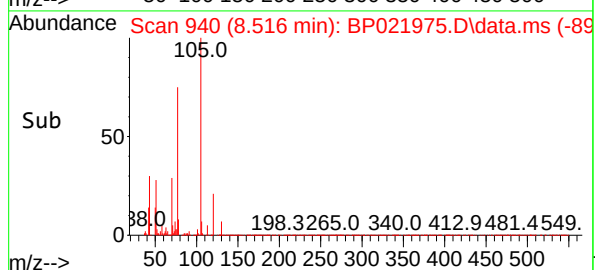
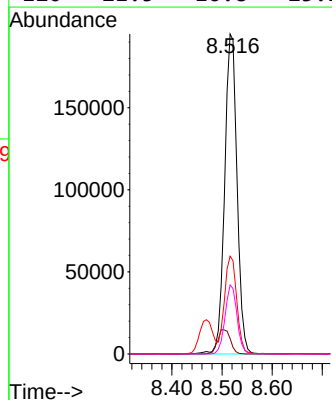
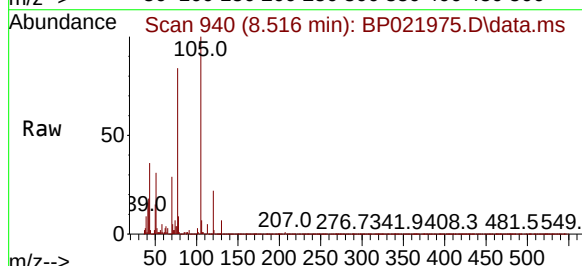
Ion Ratio Lower Upper

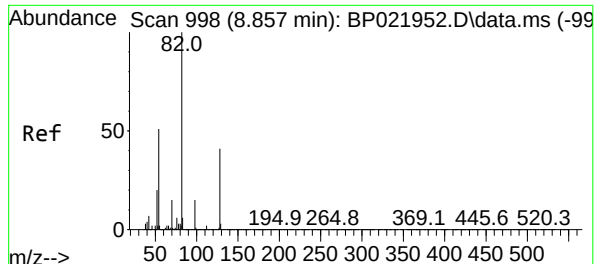
105 100

71 4.8 1.4 2.0#

51 30.6 22.1 33.1

120 21.5 16.8 25.2





#23

Nitrobenzene-d5

Concen: 79.323 ng

RT: 8.851 min Scan# 99

Delta R.T. -0.006 min

Lab File: BP021975.D

Acq: 23 Sep 2024 09:39

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 53975

Ion Ratio Lower Upper

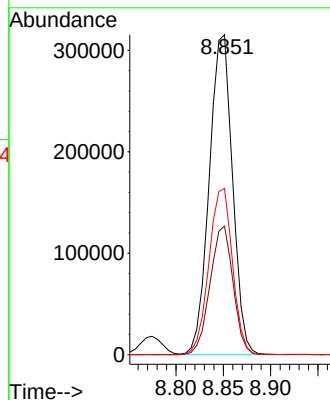
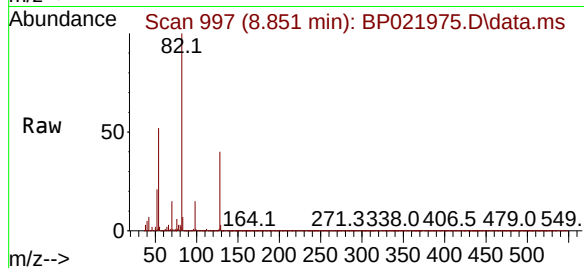
82 100

128 40.2 33.1 49.7

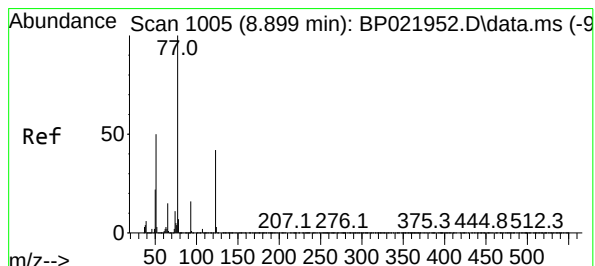
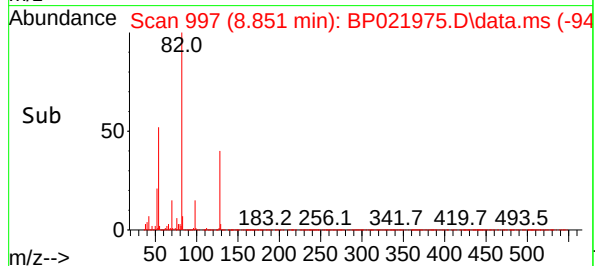
54 51.9 40.3 60.5

Manual Integrations

APPROVED

Reviewed By :Yogesh
Patel09/25/2024
Supervised By :mohammad
ahmed

09/25/2024



#24

Nitrobenzene

Concen: 39.645 ng

RT: 8.892 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BP021975.D

Acq: 23 Sep 2024 09:39

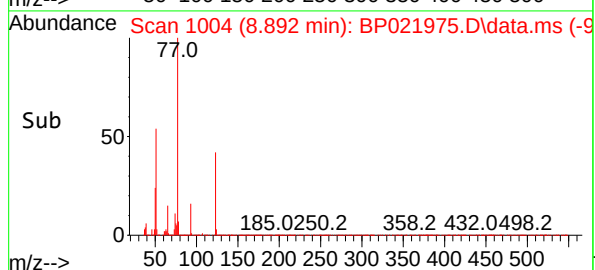
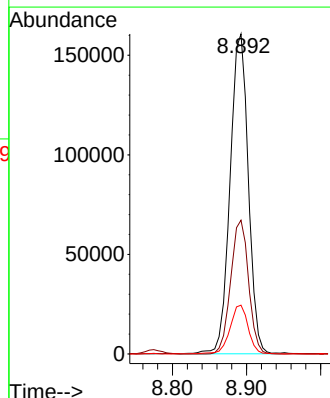
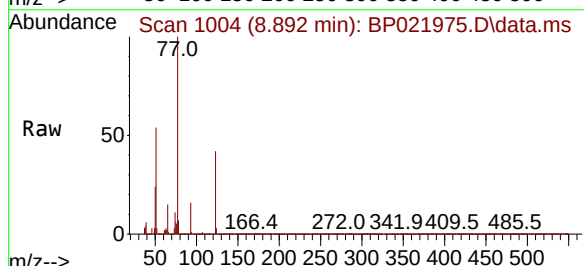
Tgt Ion: 77 Resp: 273953

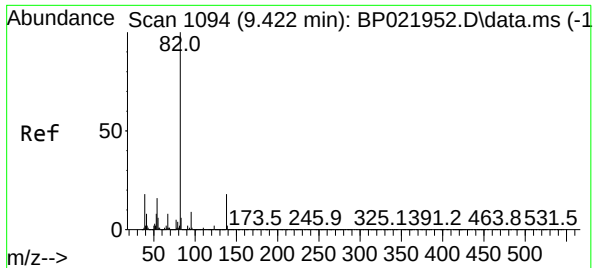
Ion Ratio Lower Upper

77 100

123 41.8 33.9 50.9

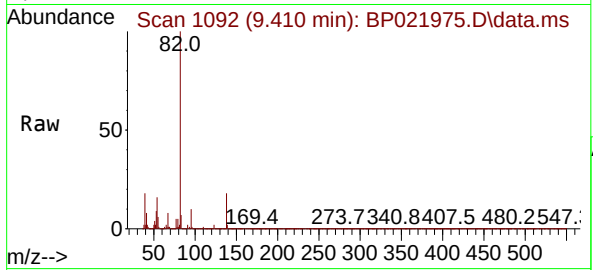
65 15.3 12.0 18.0





#25
Isophorone
Concen: 40.019 ng
RT: 9.410 min Scan# 1094
Delta R.T. -0.012 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

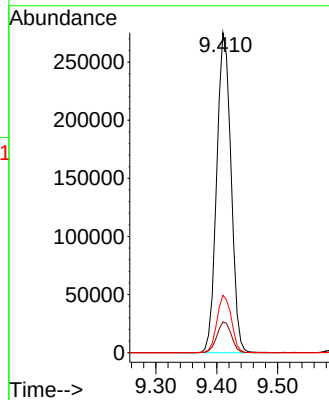
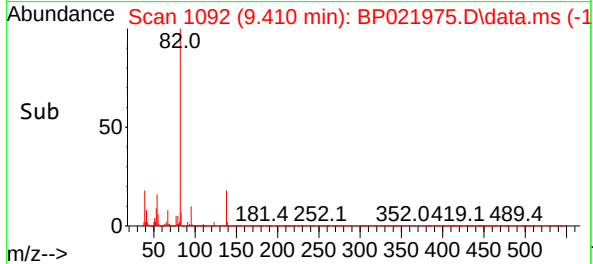
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 82 Resp: 448948
Ion Ratio Lower Upper
82 100
95 9.7 7.0 10.6
138 18.0 14.6 21.8

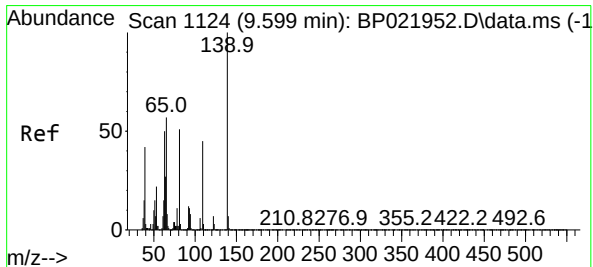
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



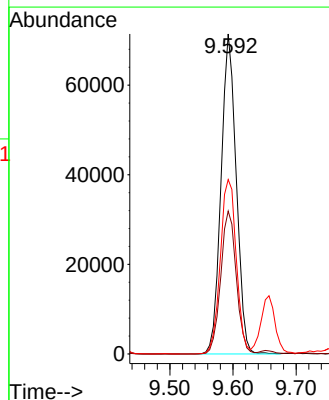
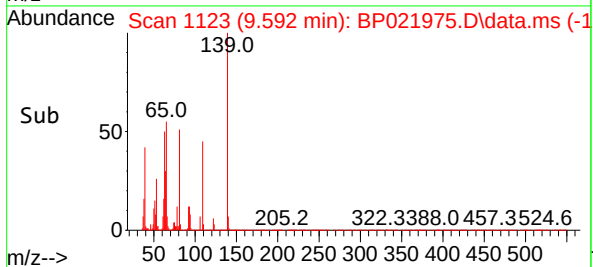
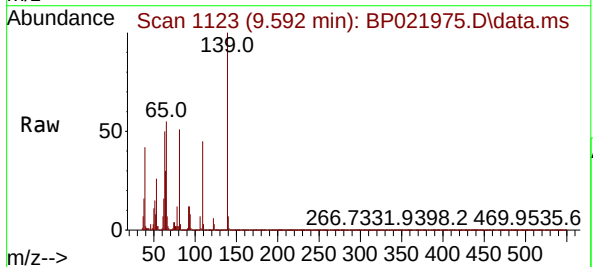
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Supervised By :mohammad
ahmed

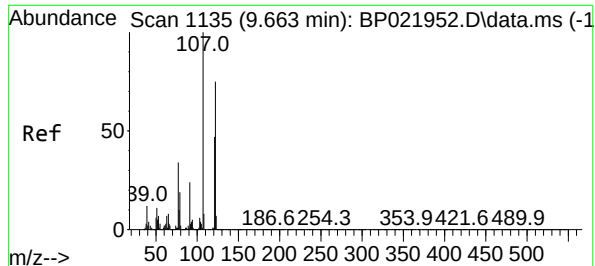
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#26
2-Nitrophenol
Concen: 39.593 ng
RT: 9.592 min Scan# 1123
Delta R.T. -0.006 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

Tgt Ion:139 Resp: 119625
Ion Ratio Lower Upper
139 100
109 44.7 36.0 54.0
65 54.5 45.7 68.5





#27

2,4-Dimethylphenol

Concen: 40.519 ng

RT: 9.657 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BP021975.D

Acq: 23 Sep 2024 09:39

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:122 Resp: 14175

Ion Ratio Lower Upper

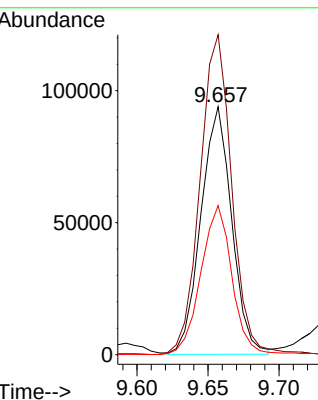
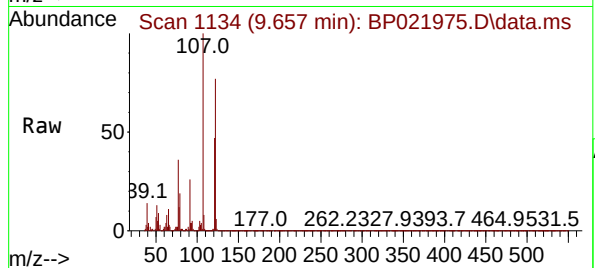
122 100

107 129.1 106.1 159.1

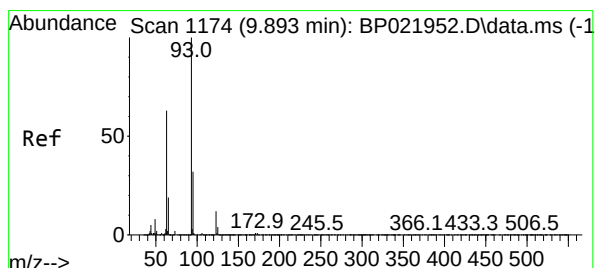
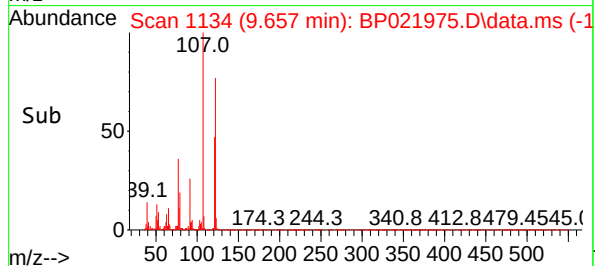
121 60.1 49.6 74.4

Manual Integrations

APPROVED

Reviewed By :Yogesh
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Supervised By :mohammad
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#28

bis(2-Chloroethoxy)methane

Concen: 39.394 ng

RT: 9.886 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BP021975.D

Acq: 23 Sep 2024 09:39

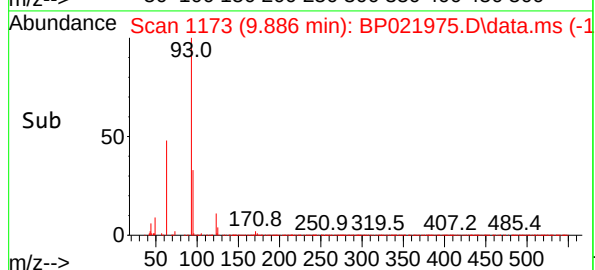
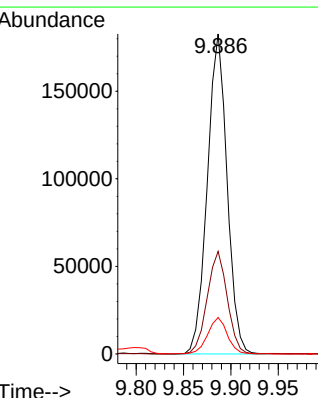
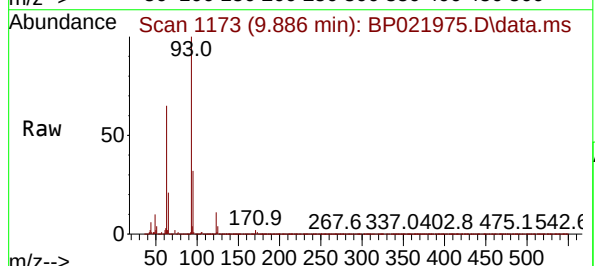
Tgt Ion: 93 Resp: 264980

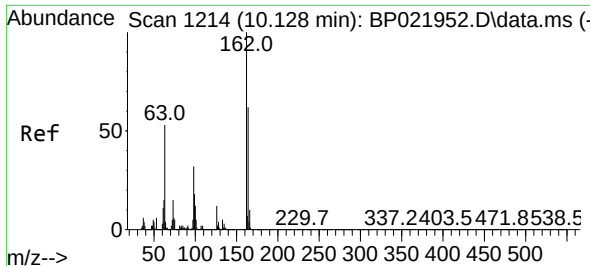
Ion Ratio Lower Upper

93 100

95 32.1 25.7 38.5

123 11.4 9.4 14.0





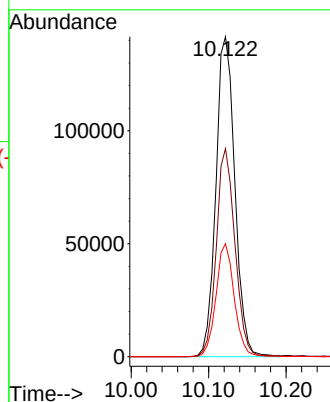
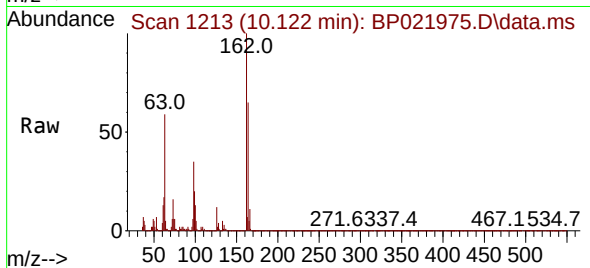
#29
2,4-Dichlorophenol
Concen: 40.621 ng
RT: 10.122 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 24121
Ion Ratio Lower Upper
162 100
164 65.1 41.7 81.7
98 35.3 12.4 52.4

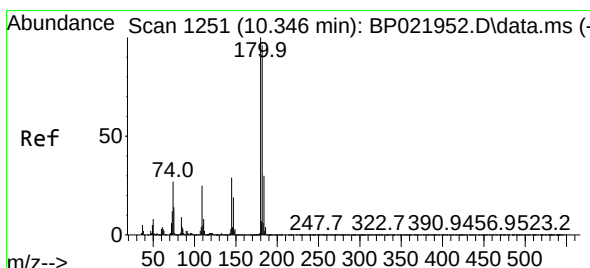
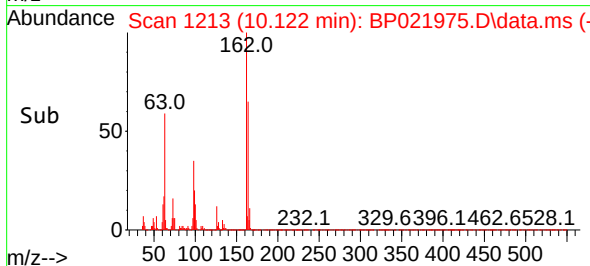
Manual Integrations
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Reviewed By :Yogesh
Patel



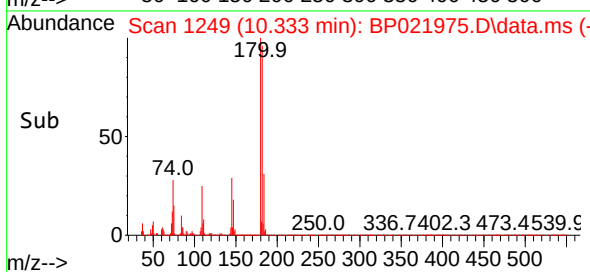
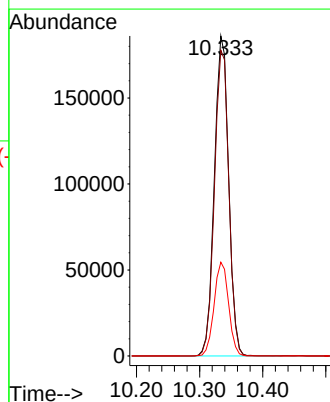
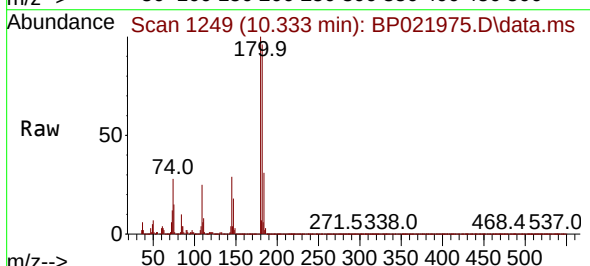
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Supervised By :mohammad
ahmed

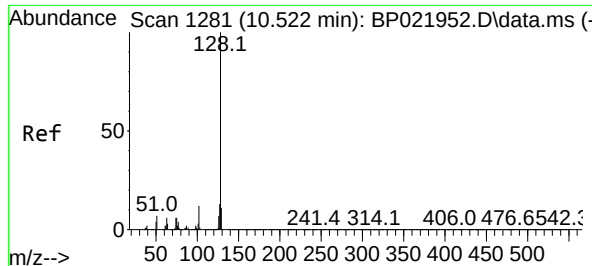
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#30
1,2,4-Trichlorobenzene
Concen: 39.533 ng
RT: 10.333 min Scan# 1249
Delta R.T. -0.012 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

Tgt Ion:180 Resp: 292416
Ion Ratio Lower Upper
180 100
182 95.5 77.0 115.4
145 29.3 23.0 34.6





#31

Naphthalene

Concen: 39.693 ng

RT: 10.522 min Scan# 1114

Delta R.T. -0.000 min

Lab File: BP021975.D

Acq: 23 Sep 2024 09:39

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:128 Resp: 713114

Ion Ratio Lower Upper

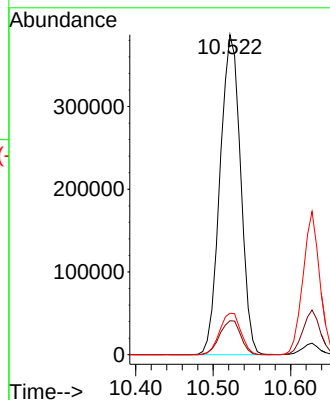
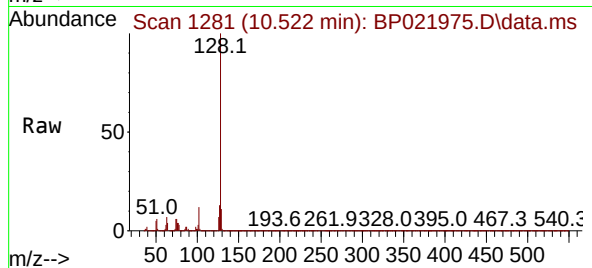
128 100

129 10.6 8.6 13.0

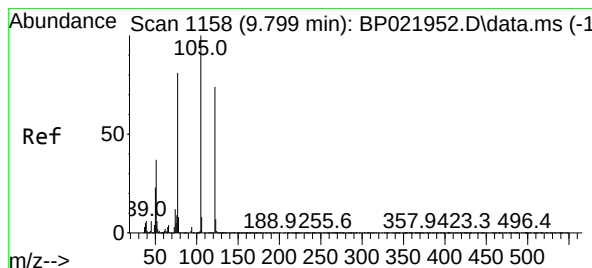
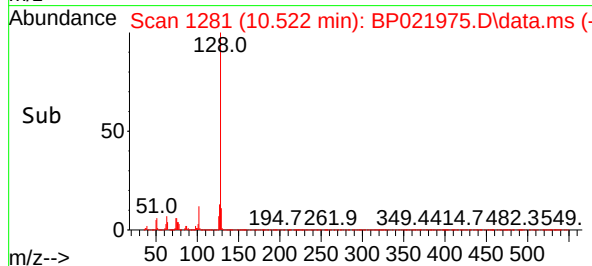
127 12.9 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh
Patel09/25/2024
Supervised By :mohammad
ahmed

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#32

Benzoic acid

Concen: 41.209 ng

RT: 9.804 min Scan# 1159

Delta R.T. 0.006 min

Lab File: BP021975.D

Acq: 23 Sep 2024 09:39

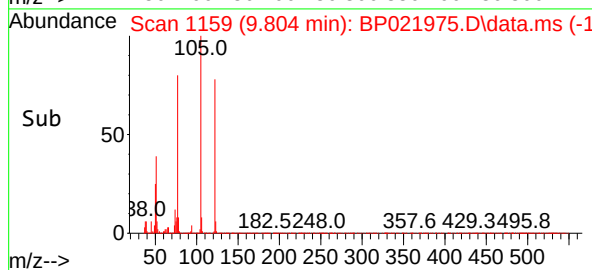
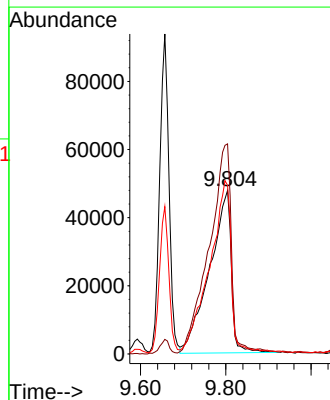
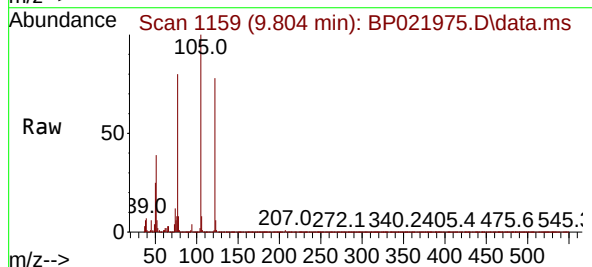
Tgt Ion:122 Resp: 168548

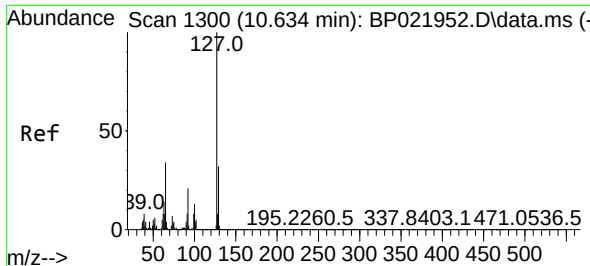
Ion Ratio Lower Upper

122 100

105 128.5 111.3 151.3

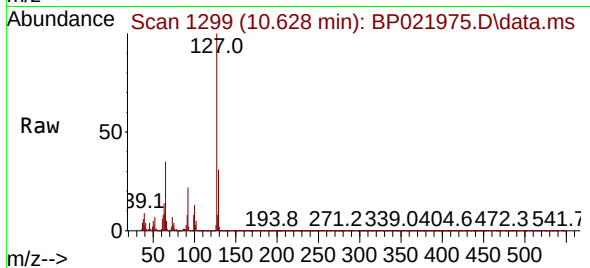
77 103.2 86.7 126.7





#33
4-Chloroaniline
Concen: 40.818 ng
RT: 10.628 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

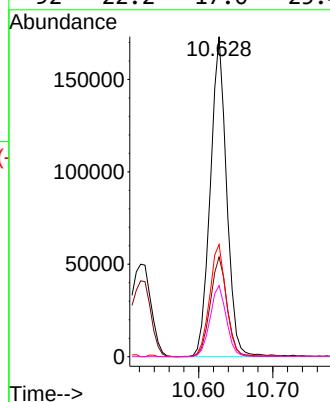
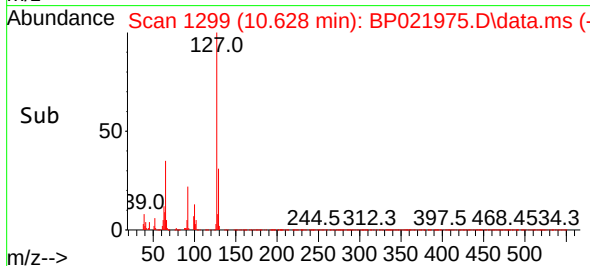
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:127 Resp: 264512
Ion Ratio Lower Upper
127 100
129 31.1 25.4 38.0
65 35.1 27.4 41.2
92 22.2 17.0 25.4

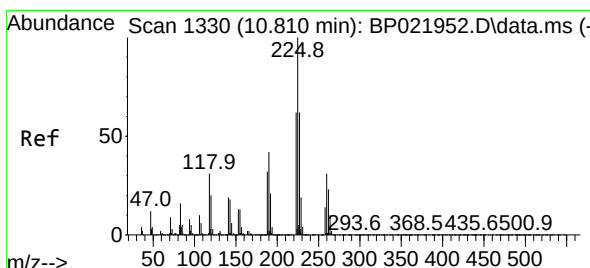
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Patel



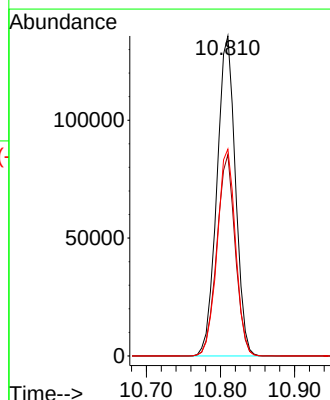
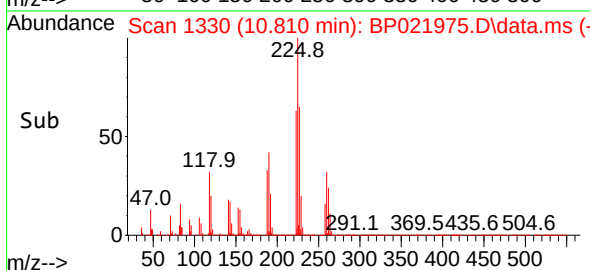
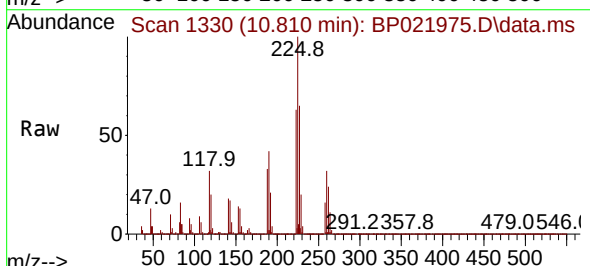
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Supervised By :mohammad
ahmed

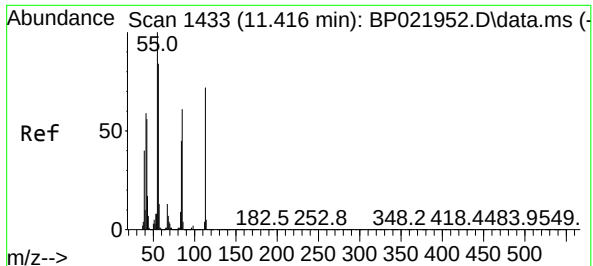
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#34
Hexachlorobutadiene
Concen: 40.663 ng
RT: 10.810 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

Tgt Ion:225 Resp: 235297
Ion Ratio Lower Upper
225 100
223 62.9 50.0 75.0
227 64.6 49.7 74.5





#35

Caprolactam

Concen: 40.310 ng

RT: 11.416 min Scan# 1433

Delta R.T. -0.000 min

Lab File: BP021975.D

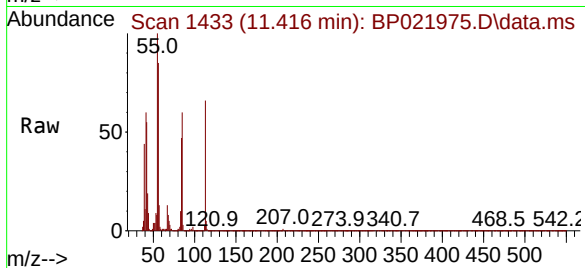
Acq: 23 Sep 2024 09:39

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



Tgt Ion:113 Resp: 7123

Ion Ratio Lower Upper

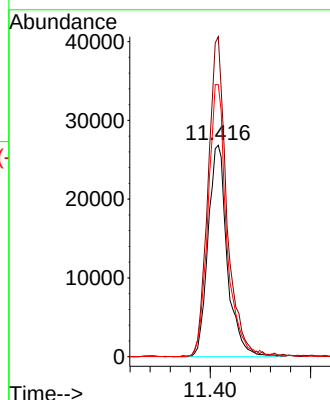
113 100

55 151.4 119.4 159.4

56 128.7 97.1 137.1

Manual Integrations

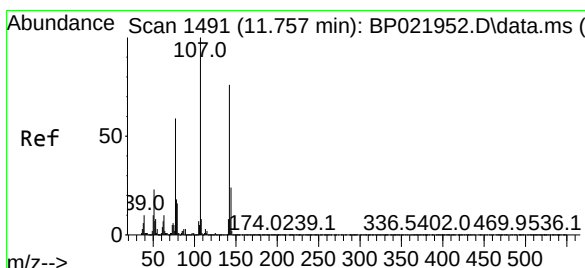
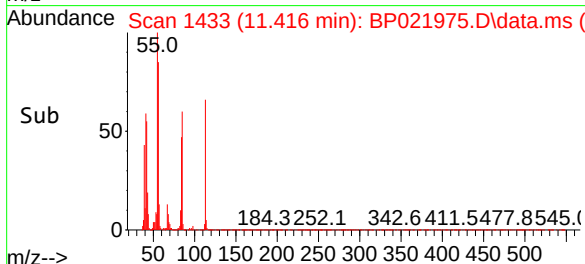
APPROVED

Reviewed By :Yogesh
Patel

09/25/2024

Supervised By :mohammad
ahmed

09/25/2024



#36

4-Chloro-3-methylphenol

Concen: 42.135 ng

RT: 11.751 min Scan# 1490

Delta R.T. -0.006 min

Lab File: BP021975.D

Acq: 23 Sep 2024 09:39

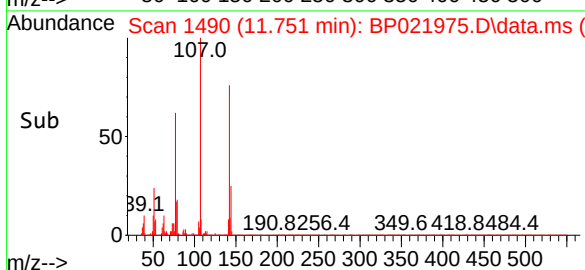
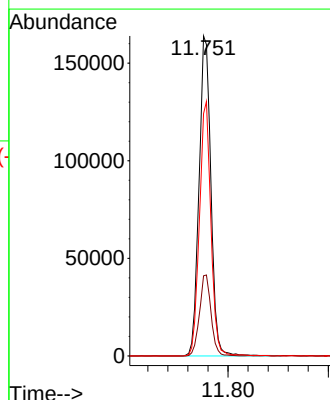
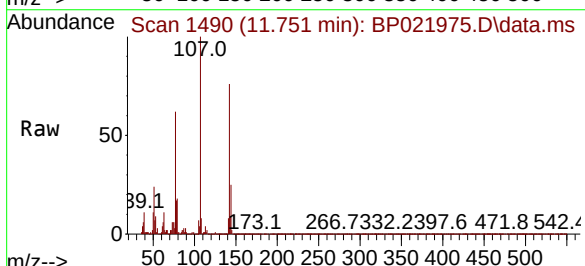
Tgt Ion:107 Resp: 268436

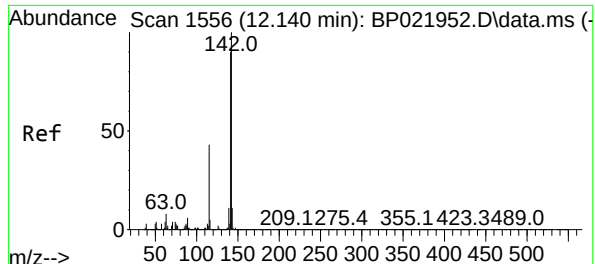
Ion Ratio Lower Upper

107 100

144 25.0 19.0 28.4

142 75.7 60.4 90.6





#37
2-Methylnaphthalene
Concen: 40.989 ng
RT: 12.127 min Scan# 1554
Delta R.T. -0.012 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

Instrument :

BNA_P

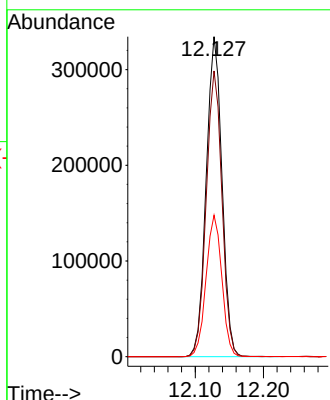
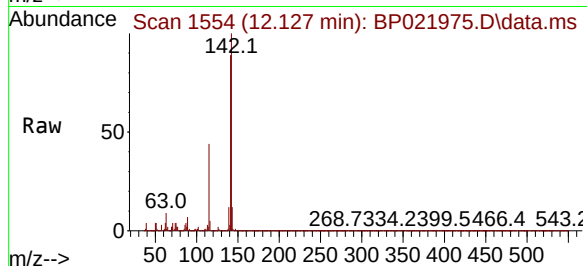
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.7	107.5
115	44.2	34.6	51.8

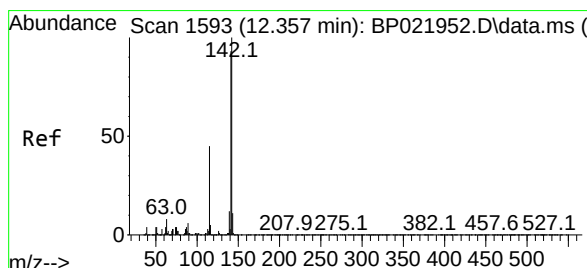
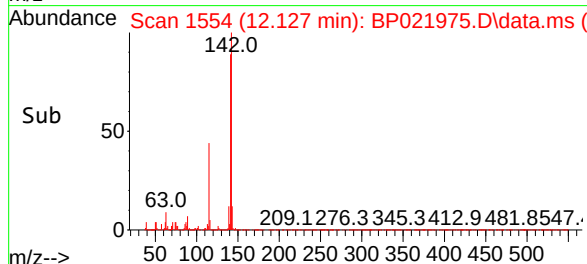
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



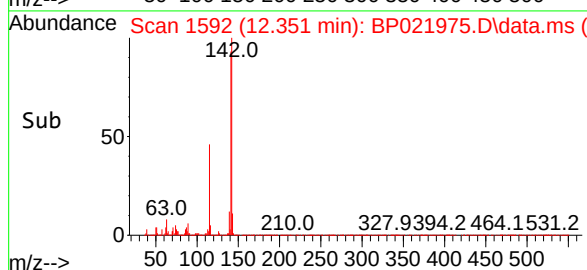
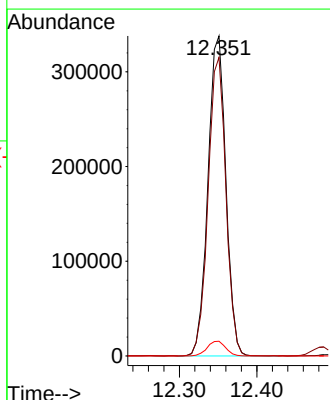
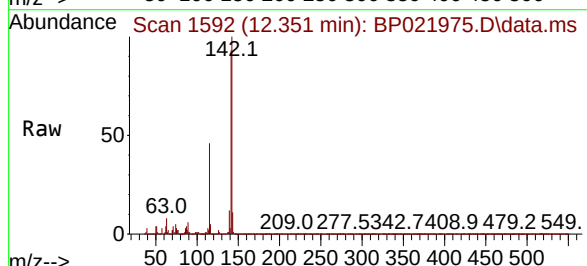
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Supervised By :mohammad
ahmed

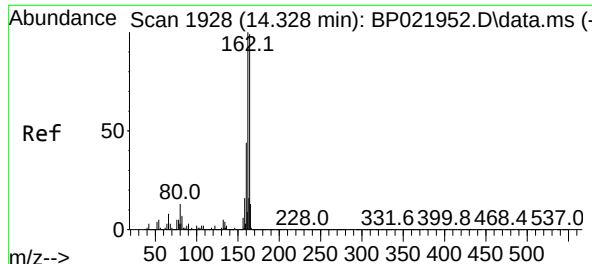
09/25/2024



#38
1-Methylnaphthalene
Concen: 41.766 ng
RT: 12.351 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	74.1	111.1
116	4.6	3.8	5.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.333 min Scan# 1928

Delta R.T. 0.006 min

Lab File: BP021975.D

Acq: 23 Sep 2024 09:39

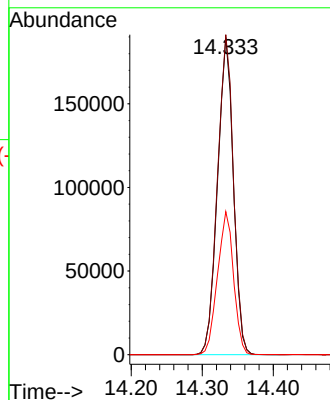
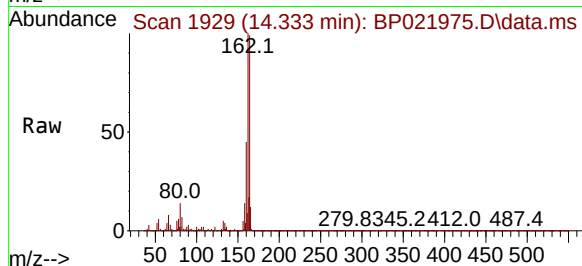
Instrument :

BNA_P

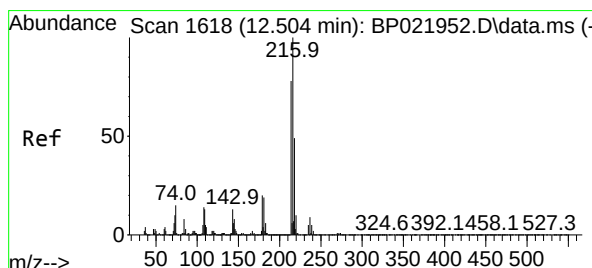
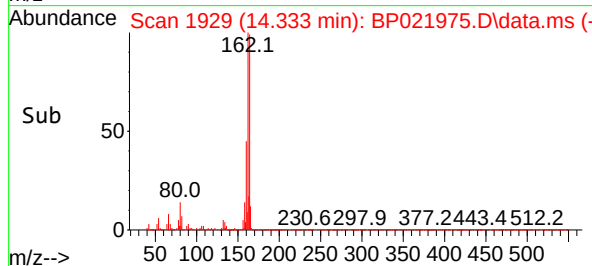
ClientSampleId :

SSTDCCC040

Tgt Ion:	164	Resp:	29212
Ion Ratio	Lower	Upper	
164	100		
162	100.9	81.2	121.8
160	45.1	35.9	53.9

Manual Integrations
APPROVEDReviewed By :Yogesh
Patel09/25/2024
Supervised By :mohammad
ahmed

09/25/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.477 ng

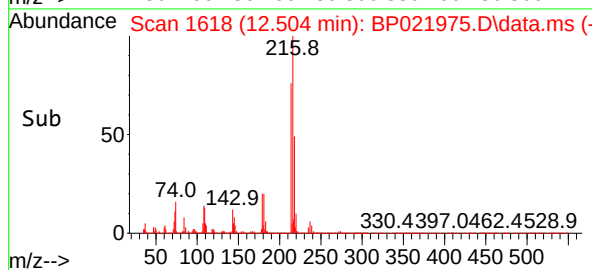
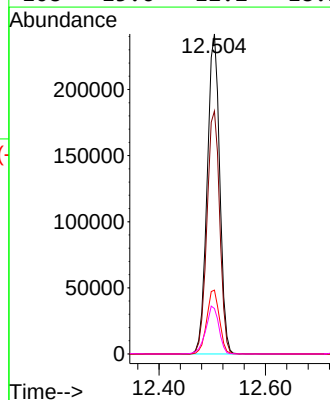
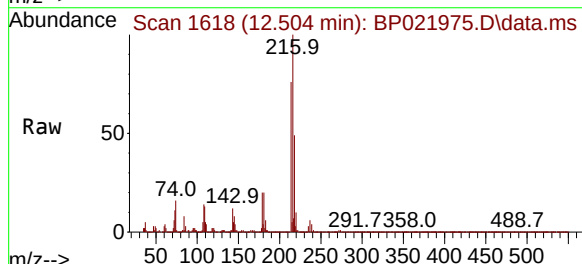
RT: 12.504 min Scan# 1618

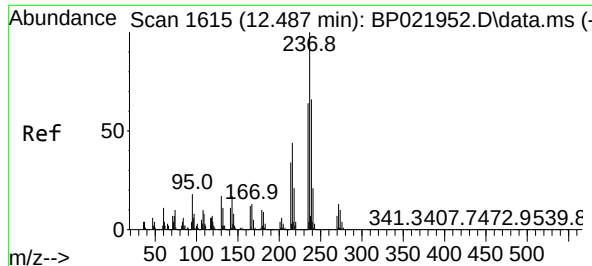
Delta R.T. -0.000 min

Lab File: BP021975.D

Acq: 23 Sep 2024 09:39

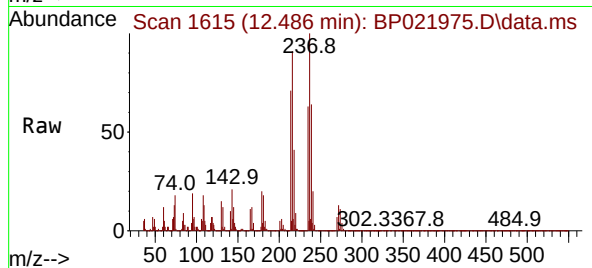
Tgt Ion:	216	Resp:	393245
Ion Ratio	Lower	Upper	
216	100		
214	77.5	62.8	94.2
179	20.2	16.4	24.6
108	15.6	12.2	18.2





#41
Hexachlorocyclopentadiene
Concen: 38.576 ng
RT: 12.486 min Scan# 10
Delta R.T. -0.000 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

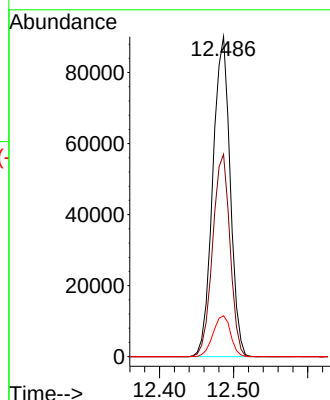
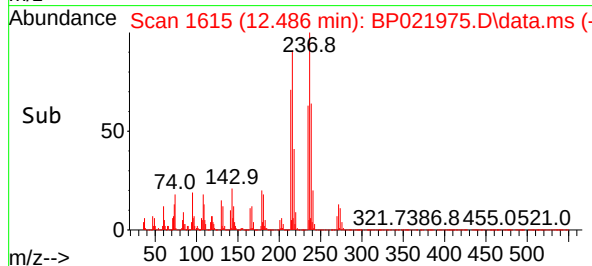
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 237 Resp: 146488
Ion Ratio Lower Upper
237 100
235 63.3 44.1 84.1
272 12.8 0.0 33.1

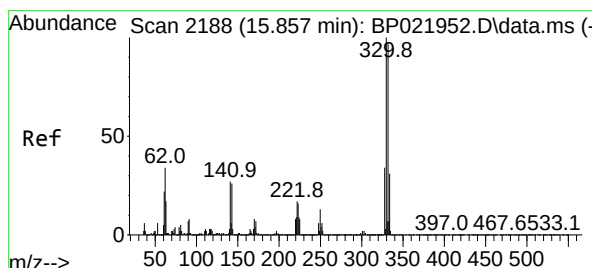
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Reviewed By :Yogesh
Patel



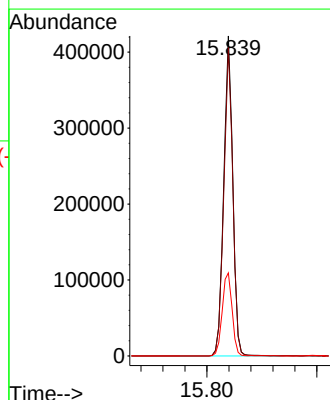
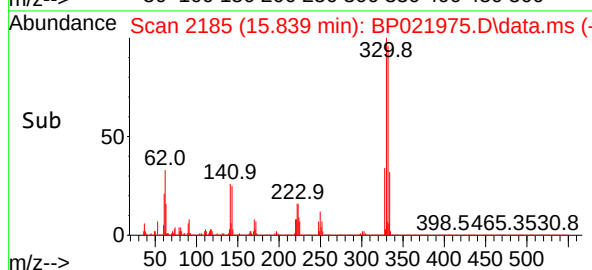
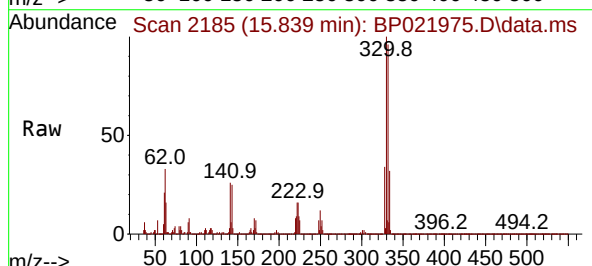
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ahmed

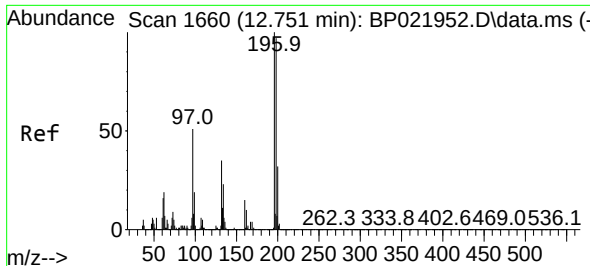
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#42
2,4,6-Tribromophenol
Concen: 88.490 ng
RT: 15.839 min Scan# 2185
Delta R.T. -0.018 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

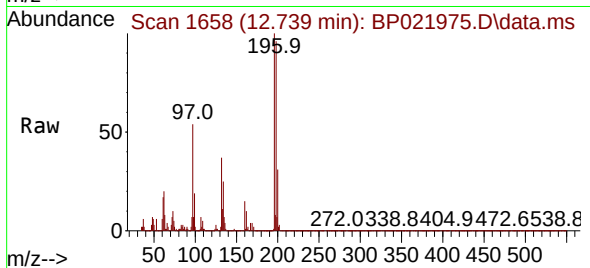
Tgt Ion: 330 Resp: 479226
Ion Ratio Lower Upper
330 100
332 96.1 77.5 116.3
141 28.4 23.4 35.0





#43
2,4,6-Trichlorophenol
Concen: 38.635 ng
RT: 12.739 min Scan# 1658
Delta R.T. -0.012 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

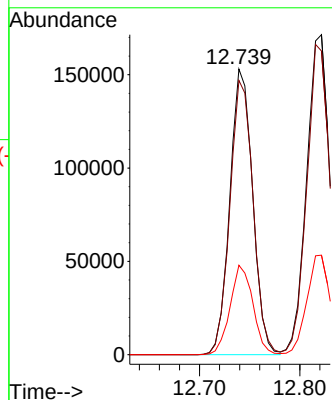
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:196 Resp: 24236
Ion Ratio Lower Upper
196 100
198 96.0 77.6 116.4
200 31.3 25.8 38.6

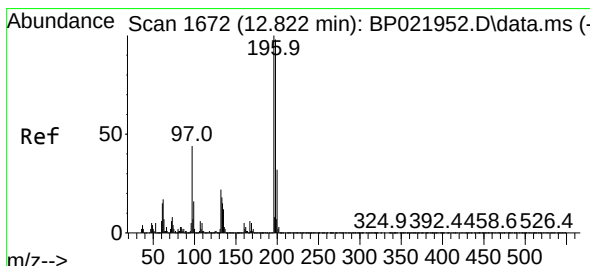
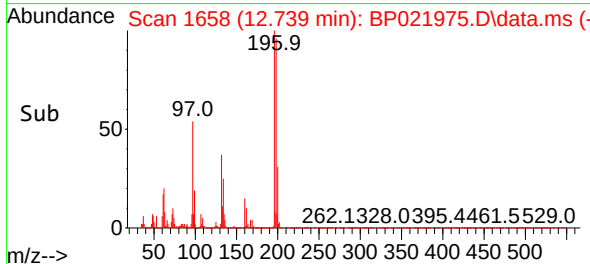
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Patel



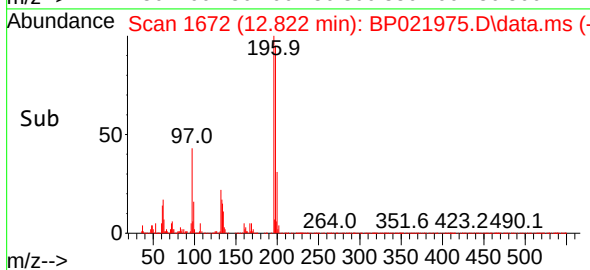
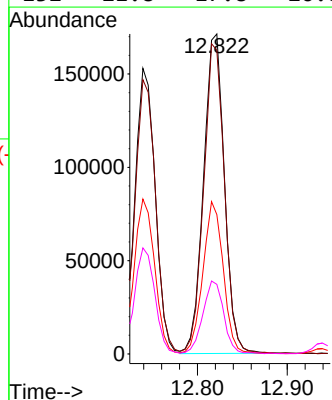
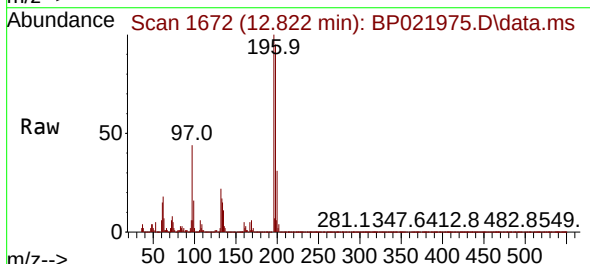
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Supervised By :mohammad
ahmed

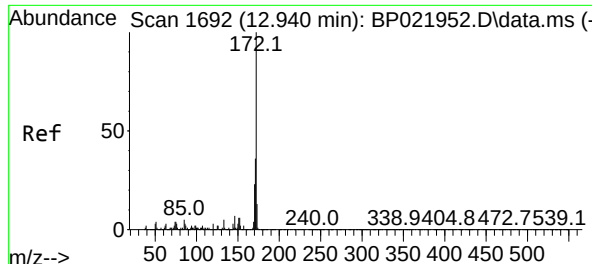
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#44
2,4,5-Trichlorophenol
Concen: 39.351 ng
RT: 12.822 min Scan# 1672
Delta R.T. -0.000 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

Tgt Ion:196 Resp: 276917
Ion Ratio Lower Upper
196 100
198 94.9 78.2 117.4
97 43.6 35.0 52.4
132 21.8 17.8 26.8





#45

2-Fluorobiphenyl

Concen: 78.163 ng

RT: 12.939 min Scan# 1692

Delta R.T. -0.000 min

Lab File: BP021975.D

Acq: 23 Sep 2024 09:39

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 1564162

Ion Ratio Lower Upper

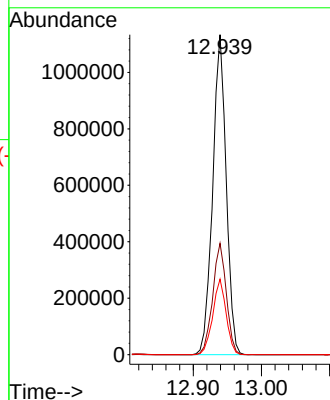
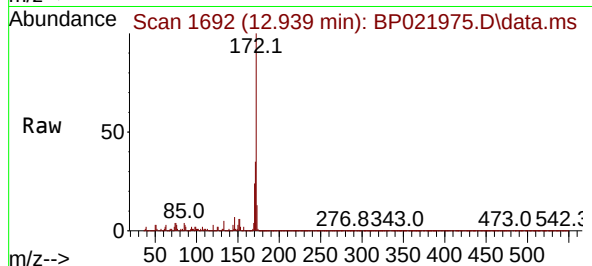
172 100

171 34.8 28.6 43.0

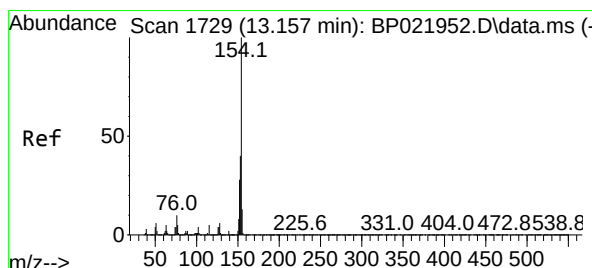
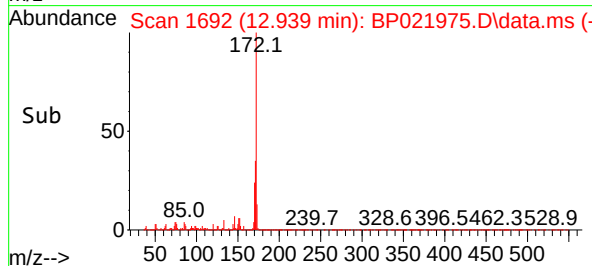
170 23.6 18.8 28.2

Manual Integrations

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Patel09/25/2024
Supervised By :mohammad
ahmed

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#46

1,1'-Biphenyl

Concen: 39.006 ng

RT: 13.145 min Scan# 1727

Delta R.T. -0.012 min

Lab File: BP021975.D

Acq: 23 Sep 2024 09:39

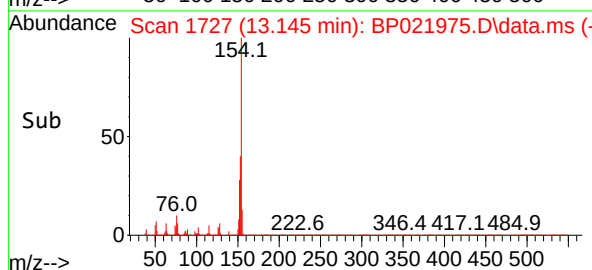
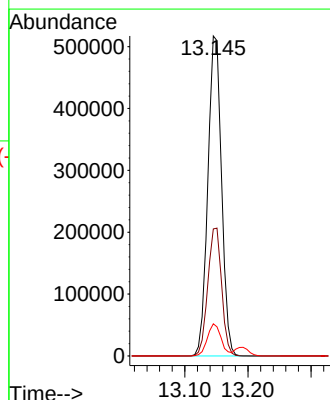
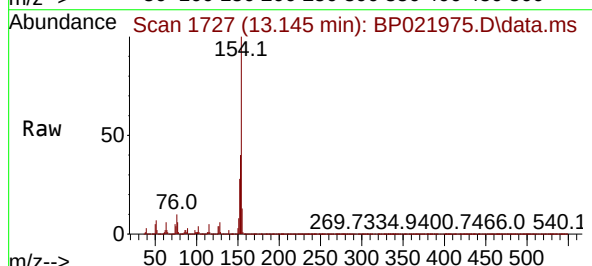
Tgt Ion:154 Resp: 776924

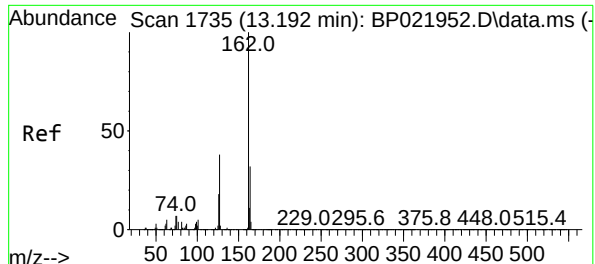
Ion Ratio Lower Upper

154 100

153 39.7 20.2 60.2

76 10.0 0.0 29.9





#47

2-Chloronaphthalene

Concen: 38.820 ng

RT: 13.192 min Scan# 1735

Delta R.T. -0.000 min

Lab File: BP021975.D

Acq: 23 Sep 2024 09:39

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 62520

Ion Ratio Lower Upper

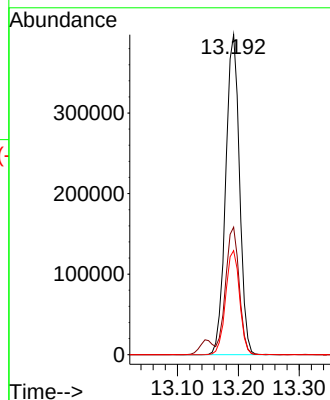
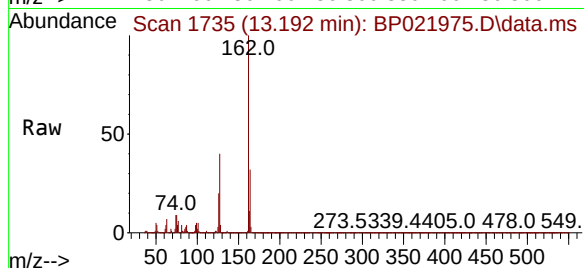
162 100

127 39.9 31.7 47.5

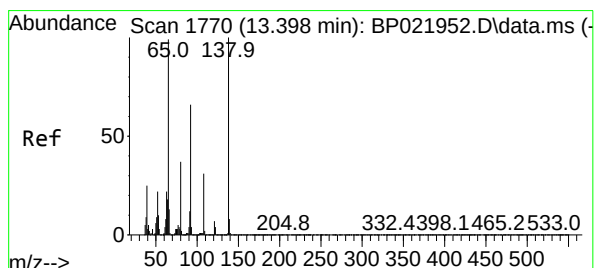
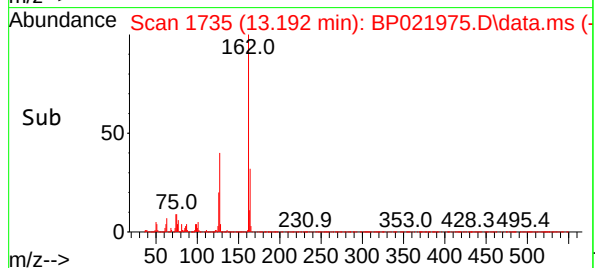
164 32.5 25.9 38.9

Manual Integrations

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Patel09/25/2024
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ahmed

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#48

2-Nitroaniline

Concen: 41.895 ng

RT: 13.392 min Scan# 1769

Delta R.T. -0.006 min

Lab File: BP021975.D

Acq: 23 Sep 2024 09:39

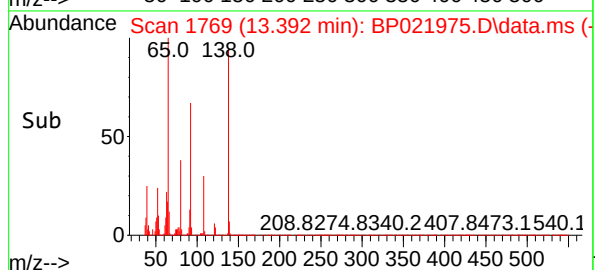
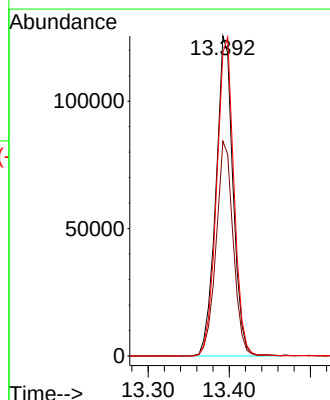
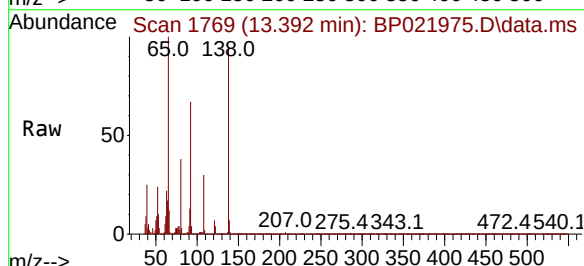
Tgt Ion: 65 Resp: 184244

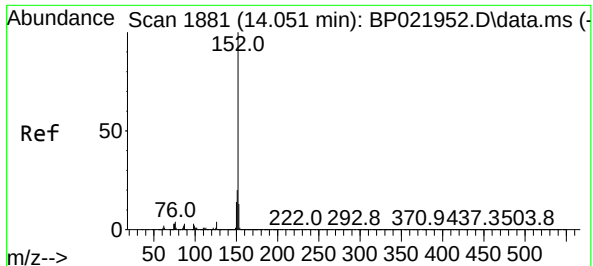
Ion Ratio Lower Upper

65 100

92 67.1 53.2 79.8

138 94.8 81.1 121.7





#49

Acenaphthylene

Concen: 40.276 ng

RT: 14.051 min Scan# 1881

Delta R.T. -0.000 min

Lab File: BP021975.D

Acq: 23 Sep 2024 09:39

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 91531

Ion Ratio Lower Upper

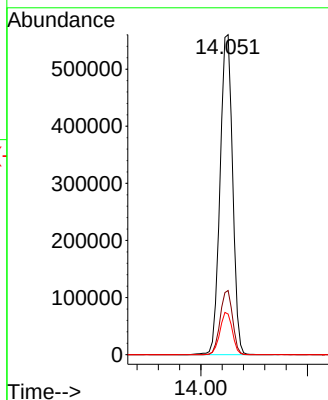
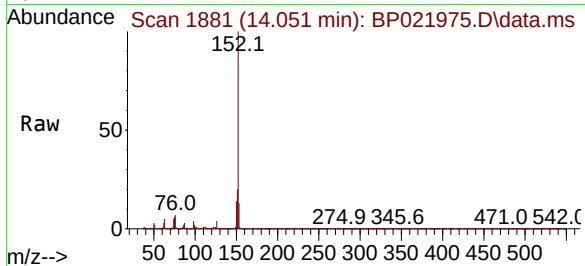
152 100

151 20.0 16.0 24.0

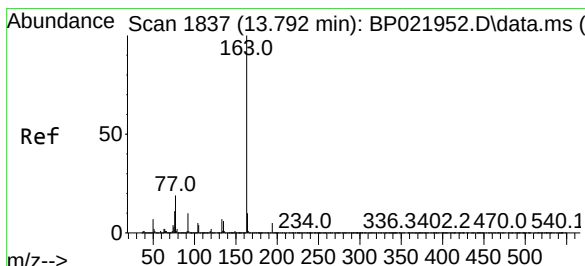
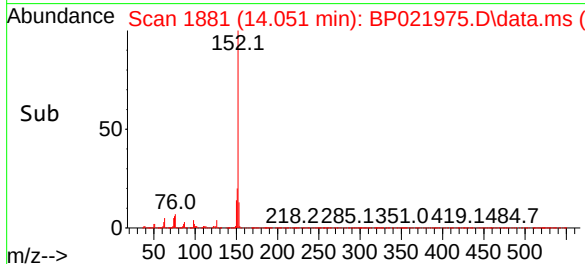
153 12.7 10.8 16.2

Manual Integrations

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Patel09/25/2024
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ahmed

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#50

Dimethylphthalate

Concen: 39.645 ng

RT: 13.774 min Scan# 1834

Delta R.T. -0.018 min

Lab File: BP021975.D

Acq: 23 Sep 2024 09:39

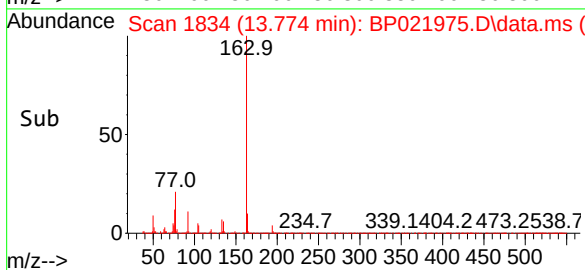
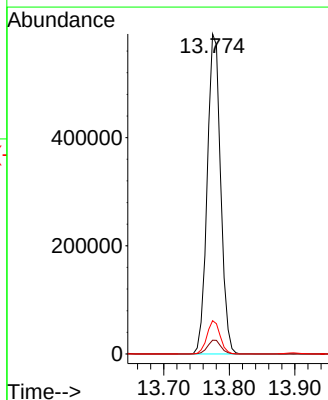
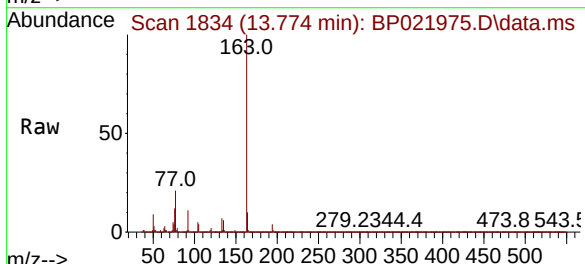
Tgt Ion:163 Resp: 839950

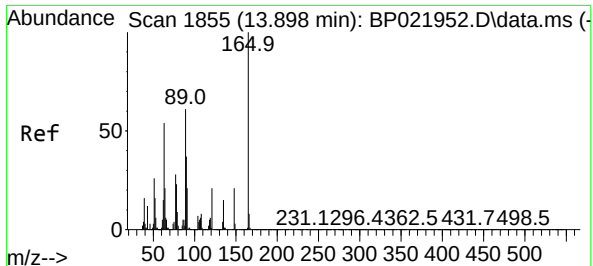
Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

164 10.4 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 39.903 ng
RT: 13.898 min Scan# 1855
Delta R.T. -0.000 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

Instrument :

BNA_P

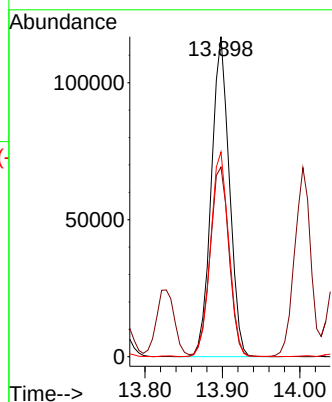
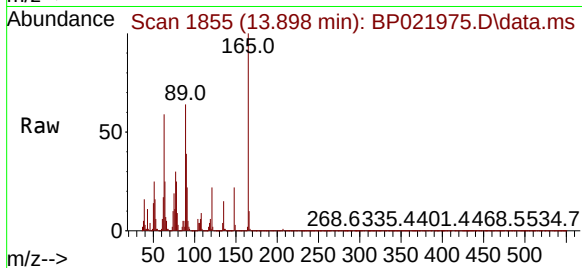
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
165	100		
63	59.3	46.4	69.6
89	64.0	48.5	72.7

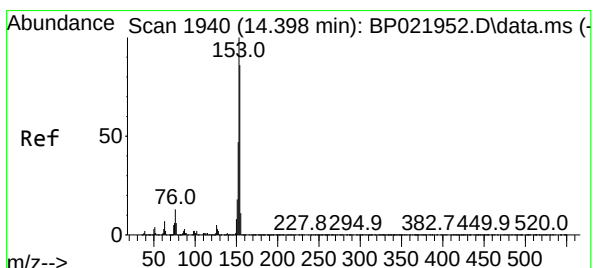
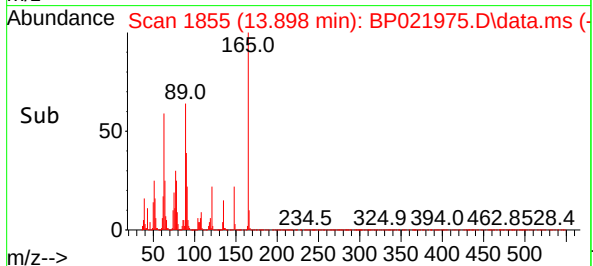
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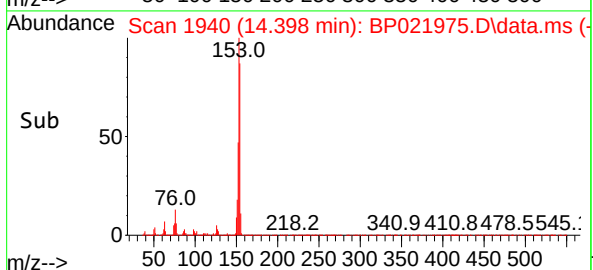
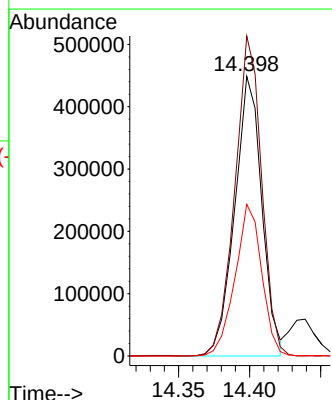
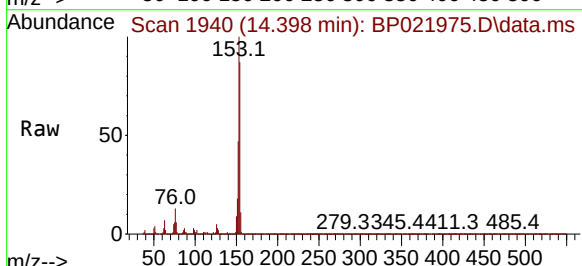
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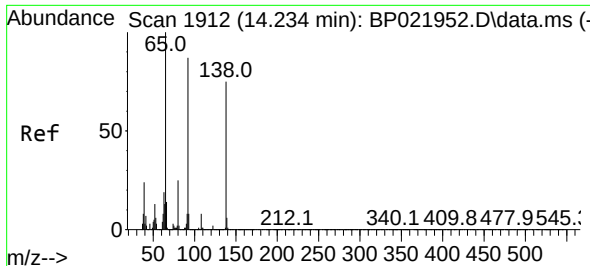
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#52
Acenaphthene
Concen: 40.318 ng
RT: 14.398 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

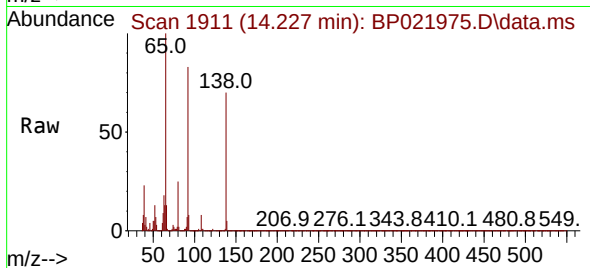
Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.4	92.7	139.1
152	54.3	43.6	65.4





#53
3-Nitroaniline
Concen: 41.346 ng
RT: 14.227 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

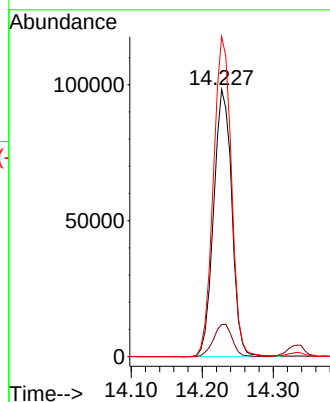
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:138 Resp: 17396
Ion Ratio Lower Upper
138 100
108 12.0 9.0 13.4
92 119.7 92.8 139.2

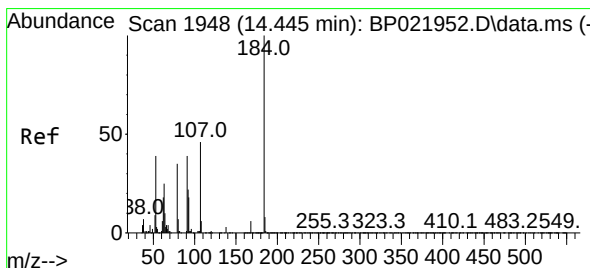
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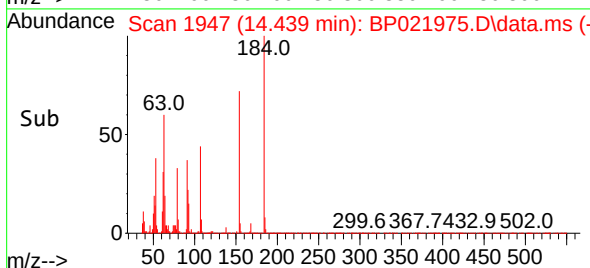
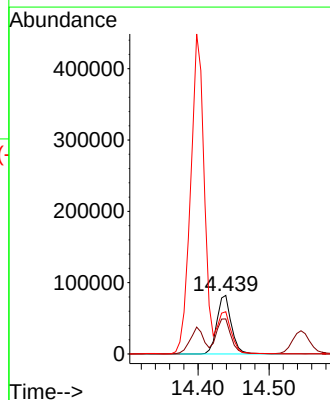
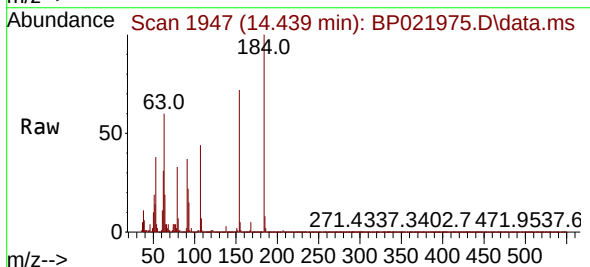
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ahmed

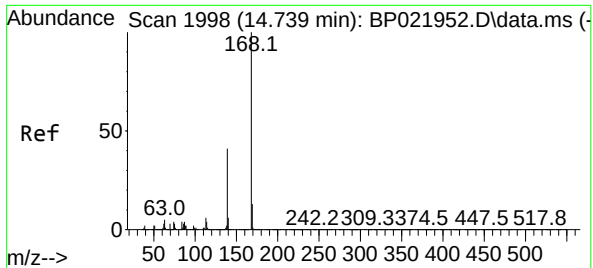
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#54
2,4-Dinitrophenol
Concen: 41.608 ng
RT: 14.439 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

Tgt Ion:184 Resp: 115094
Ion Ratio Lower Upper
184 100
63 59.8 49.0 73.6
154 72.2 58.1 87.1





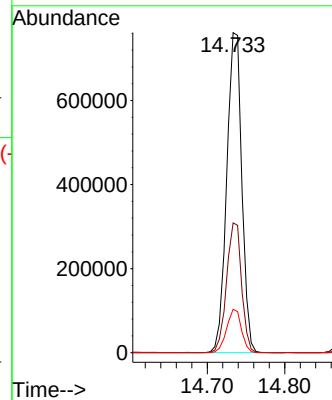
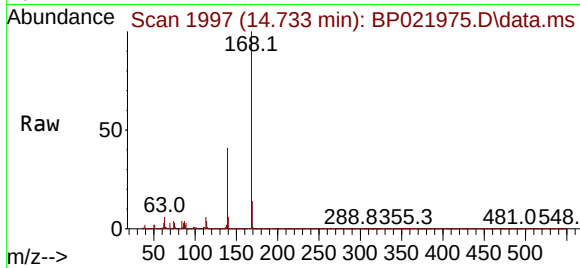
#55
Dibenzenofuran
Concen: 41.383 ng
RT: 14.733 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 102879
Ion Ratio Lower Upper
168 100
139 40.6 33.0 49.4
169 13.6 10.7 16.1

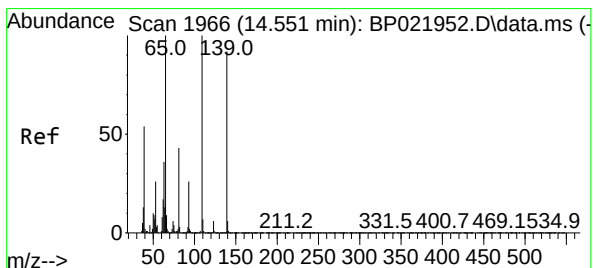
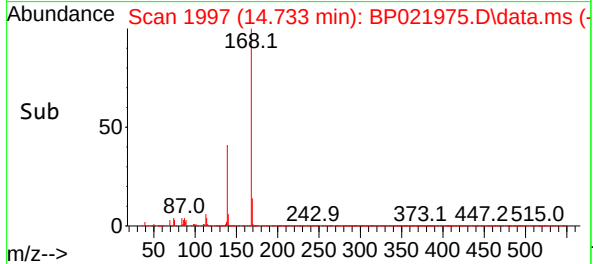
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



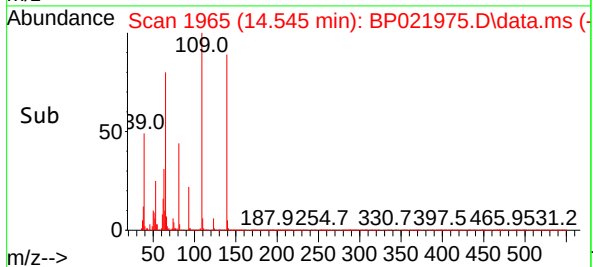
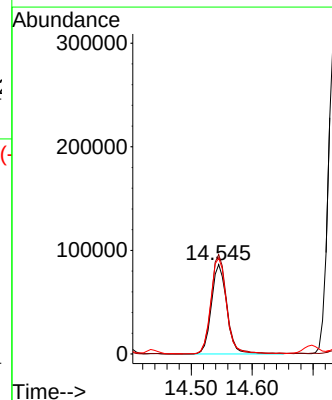
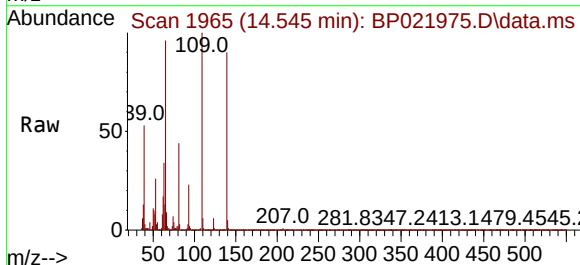
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ahmed

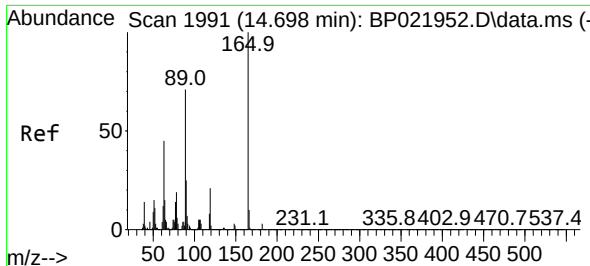
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#56
4-Nitrophenol
Concen: 41.582 ng
RT: 14.545 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

Tgt Ion:139 Resp: 152287
Ion Ratio Lower Upper
139 100
109 111.0 88.6 128.6
65 107.1 88.7 128.7





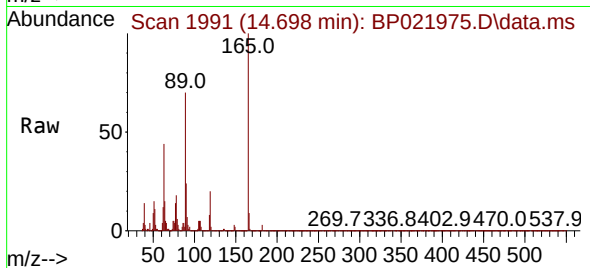
#57
2,4-Dinitrotoluene
Concen: 42.523 ng
RT: 14.698 min Scan# 1991
Delta R.T. -0.000 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

Instrument :

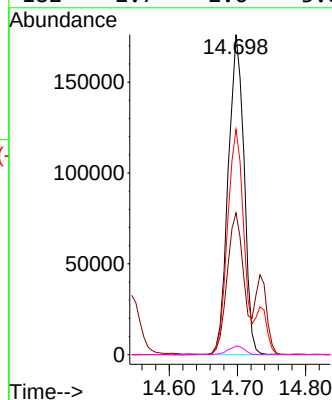
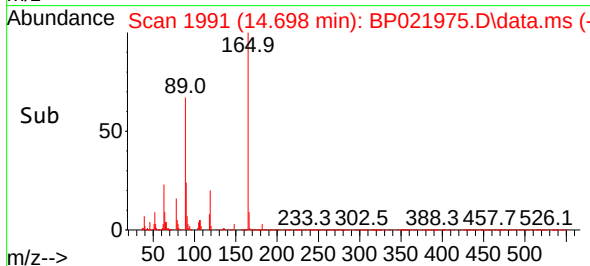
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ClientSampleId :

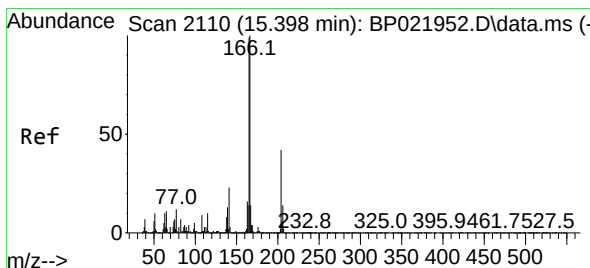
SSTDCCC040



Tgt Ion:165 Resp: 28380
Ion Ratio Lower Upper
165 100
63 44.3 36.3 54.5
89 70.4 57.2 85.8
182 2.7 2.6 3.8

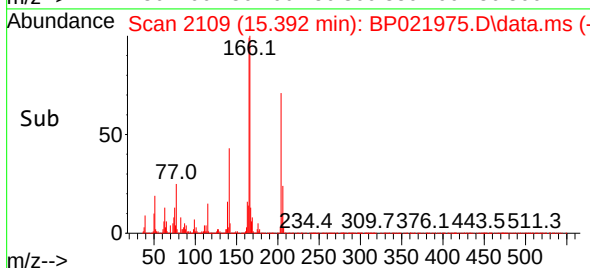
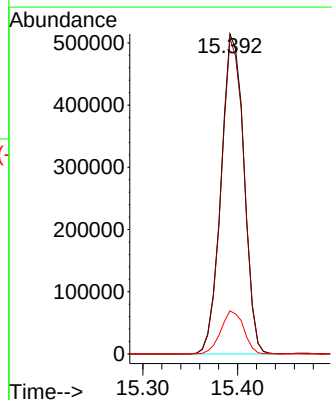
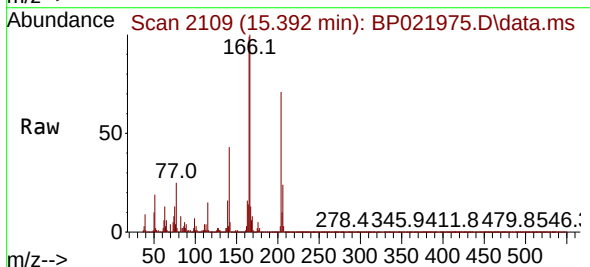
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APPROVEDReviewed By :Yogesh
Patel09/25/2024
Supervised By :mohammad
ahmed

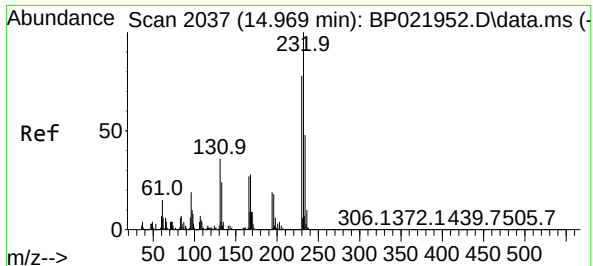
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#58
Fluorene
Concen: 41.717 ng
RT: 15.392 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

Tgt Ion:166 Resp: 866097
Ion Ratio Lower Upper
166 100
165 98.6 79.4 119.2
167 13.5 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.373 ng

RT: 14.963 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BP021975.D

Acq: 23 Sep 2024 09:39

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:232 Resp: 280984

Ion Ratio Lower Upper

232 100

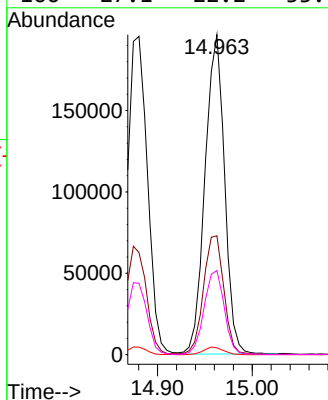
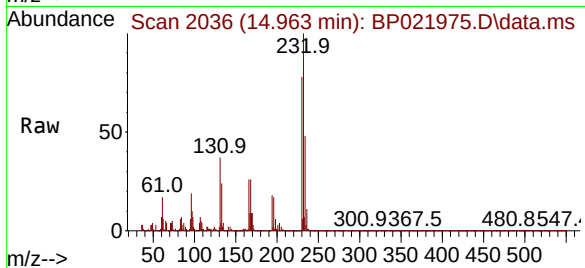
131 39.0 30.2 45.4

130 2.4 1.9 2.9

166 27.1 22.2 33.4

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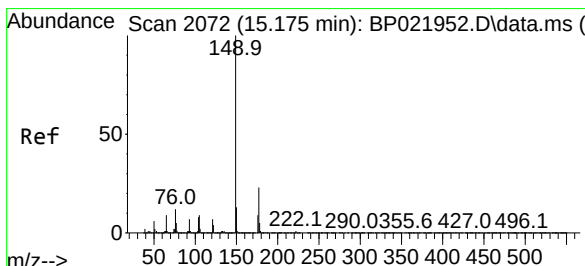
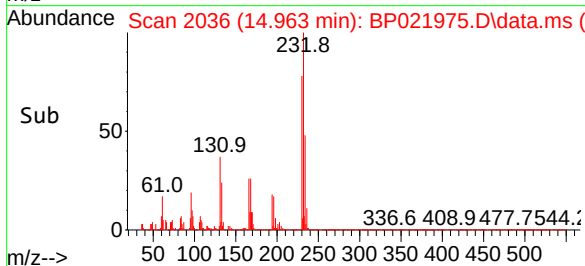
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ahmed

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#60

Diethylphthalate

Concen: 41.964 ng

RT: 15.163 min Scan# 2070

Delta R.T. -0.012 min

Lab File: BP021975.D

Acq: 23 Sep 2024 09:39

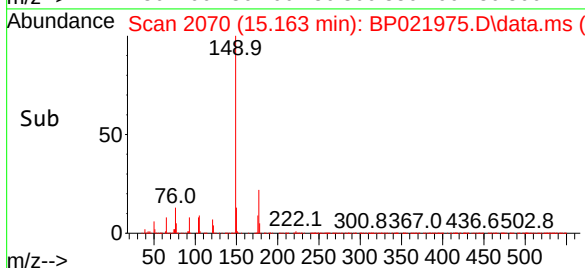
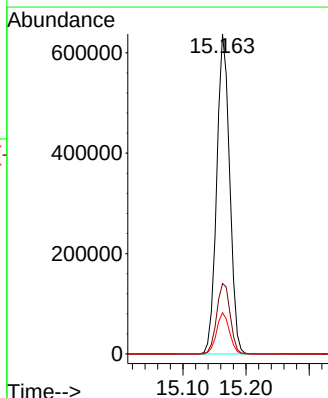
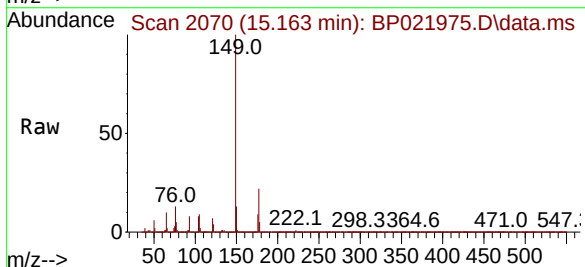
Tgt Ion:149 Resp: 903477

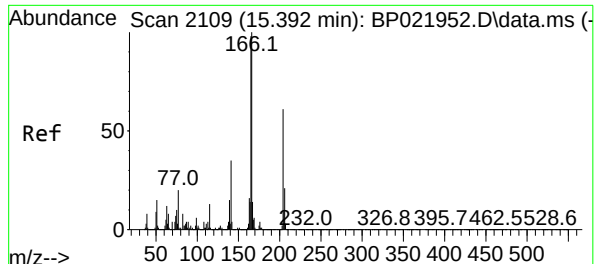
Ion Ratio Lower Upper

149 100

177 22.0 18.2 27.4

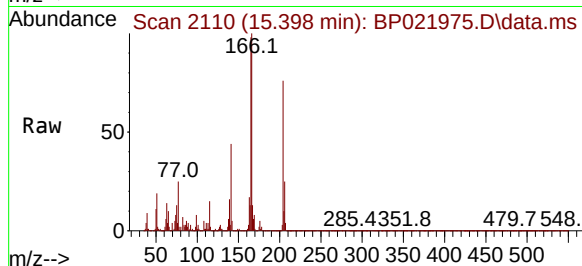
150 12.9 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 42.178 ng
RT: 15.398 min Scan# 2110
Delta R.T. 0.006 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

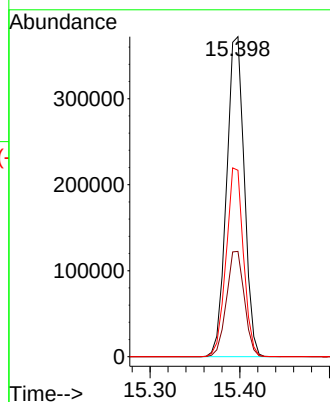
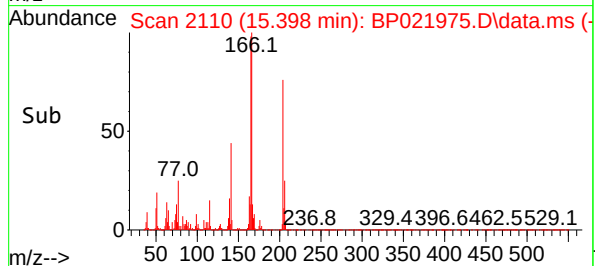
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:204 Resp: 509799
Ion Ratio Lower Upper
204 100
206 32.9 27.3 40.9
141 58.2 45.7 68.5

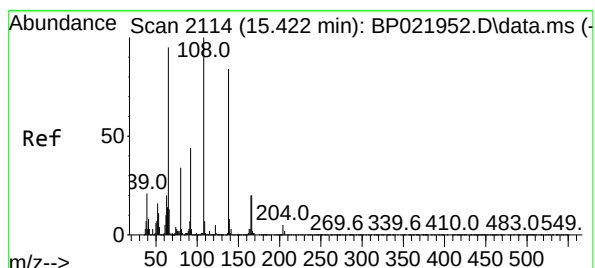
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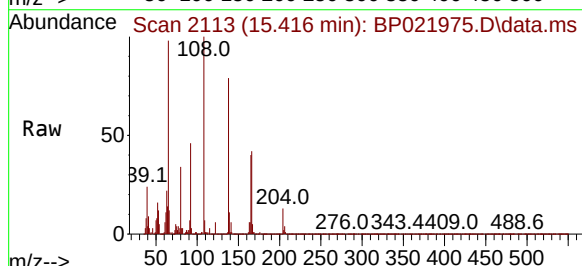


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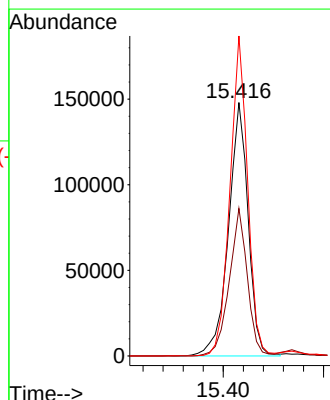
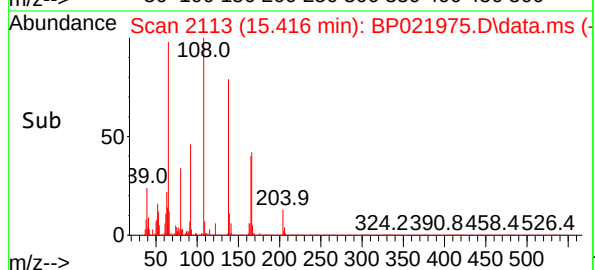
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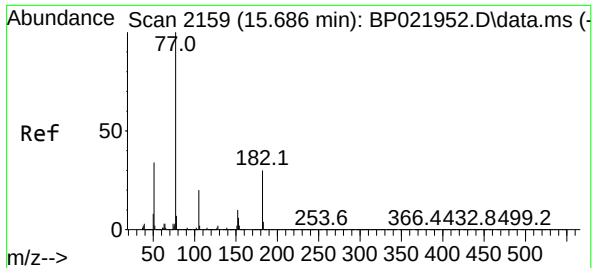


#62
4-Nitroaniline
Concen: 43.415 ng
RT: 15.416 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39



Tgt Ion:138 Resp: 200869
Ion Ratio Lower Upper
138 100
92 58.2 32.6 72.6
108 126.2 98.6 138.6





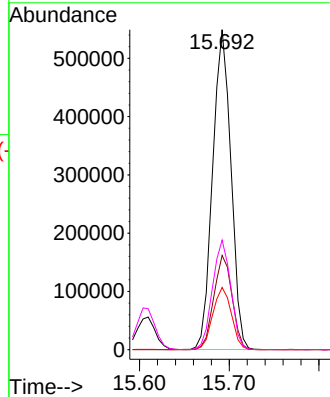
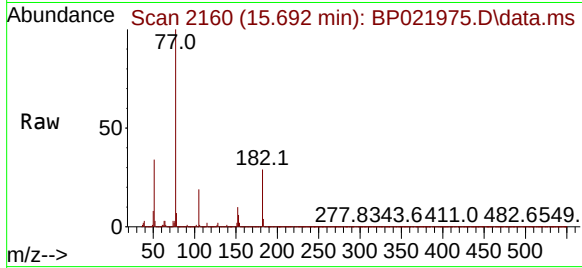
#63
Azobenzene
Concen: 43.702 ng
RT: 15.692 min Scan# 2159
Delta R.T. 0.006 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 77861
Ion Ratio Lower Upper
77 100
182 29.4 9.6 49.6
105 19.4 0.0 39.8
51 34.3 13.8 53.8

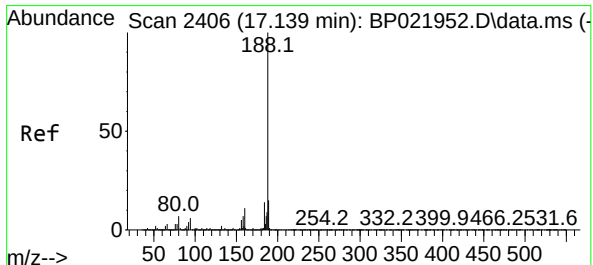
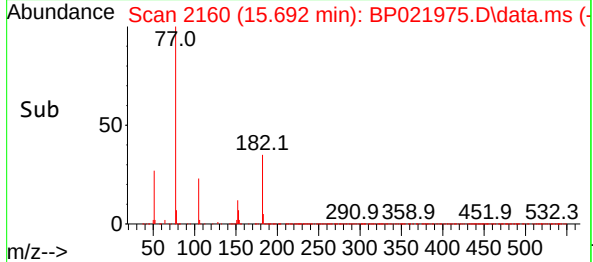
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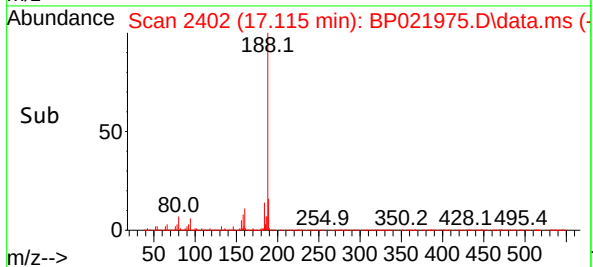
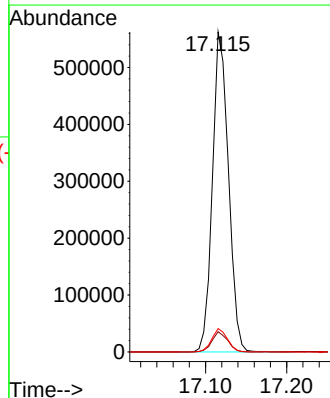
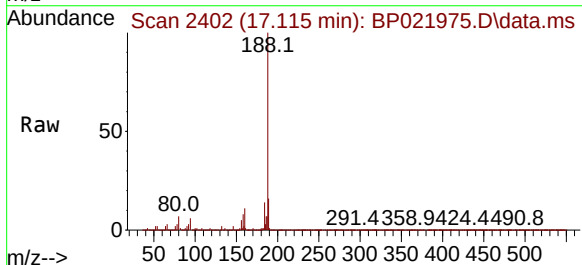
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Supervised By :mohammad
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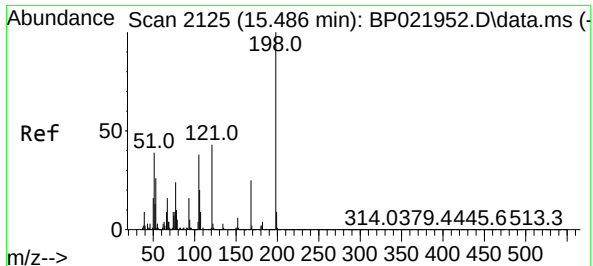
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.115 min Scan# 2402
Delta R.T. -0.024 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

Tgt Ion:188 Resp: 770589
Ion Ratio Lower Upper
188 100
94 6.3 4.6 6.8
80 7.3 5.4 8.2





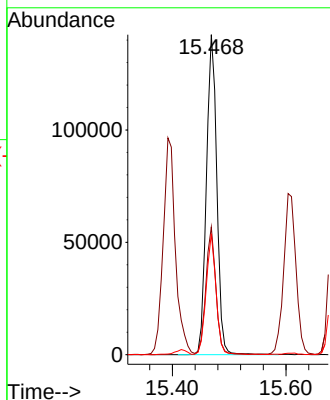
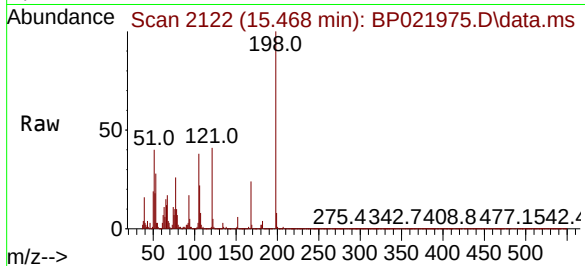
#65
4,6-Dinitro-2-methylphenol
Concen: 40.175 ng
RT: 15.468 min Scan# 2125
Delta R.T. -0.018 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 17944
Ion Ratio Lower Upper
198 100
51 39.9 20.7 60.7
105 37.8 18.4 58.4

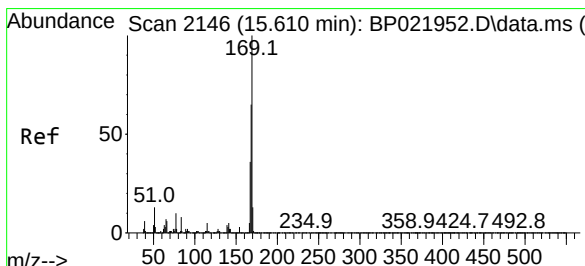
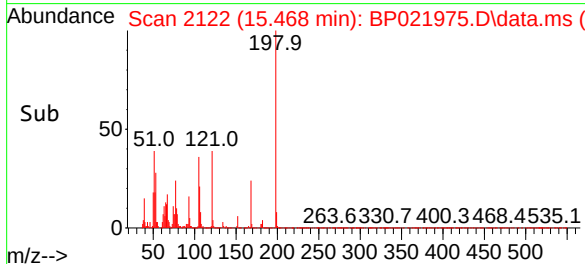
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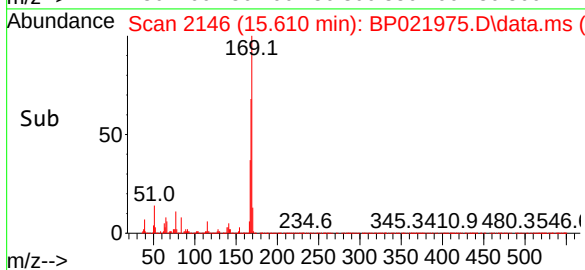
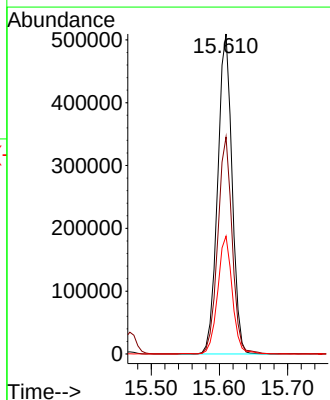
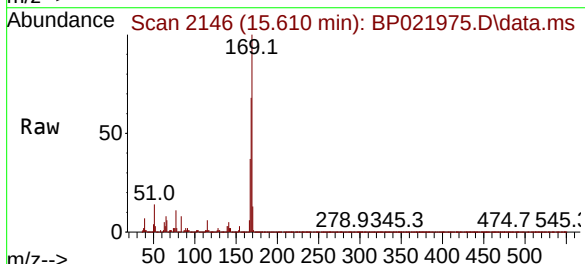
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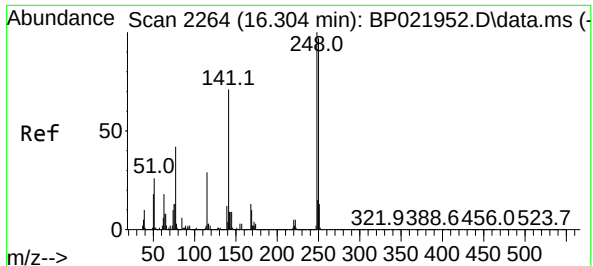
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#66
n-Nitrosodiphenylamine
Concen: 38.979 ng
RT: 15.610 min Scan# 2146
Delta R.T. -0.000 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

Tgt Ion:169 Resp: 747909
Ion Ratio Lower Upper
169 100
168 67.8 52.2 78.4
167 36.8 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 39.265 ng
RT: 16.292 min Scan# 2262
Delta R.T. -0.012 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

Instrument :

BNA_P

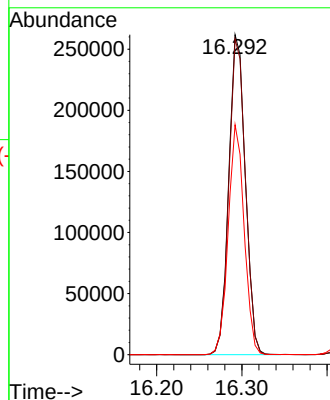
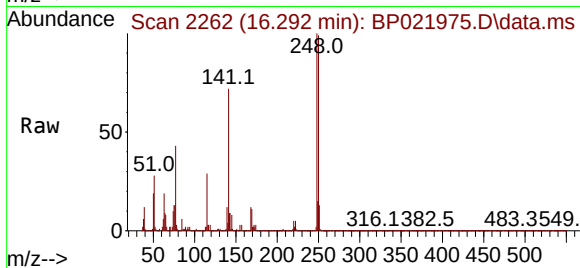
ClientSampleId :

SSTDCCC040

Tgt Ion:248 Resp: 352710
Ion Ratio Lower Upper
248 100
250 98.6 77.5 116.3
141 71.9 56.5 84.7

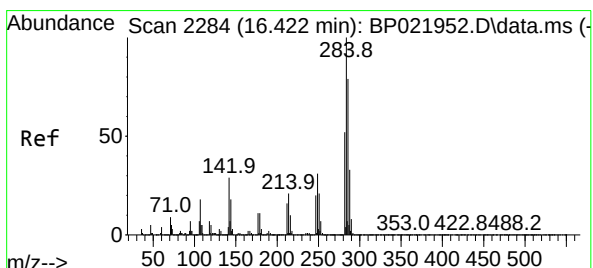
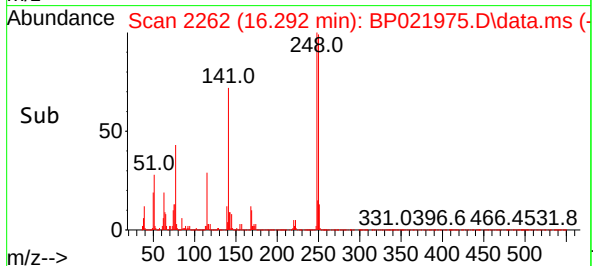
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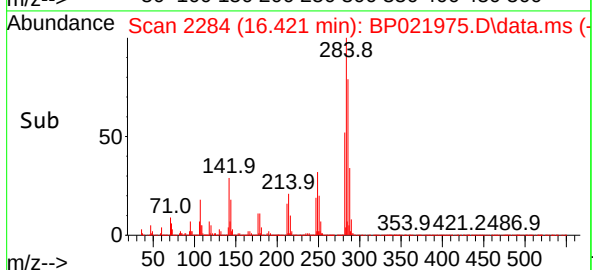
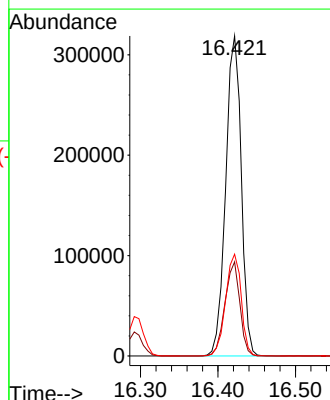
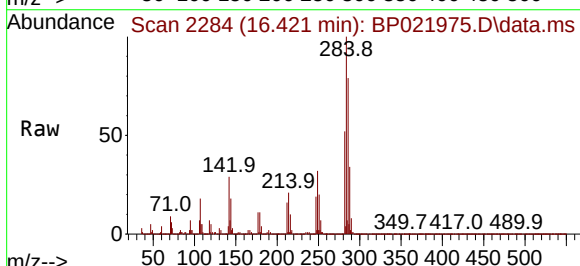
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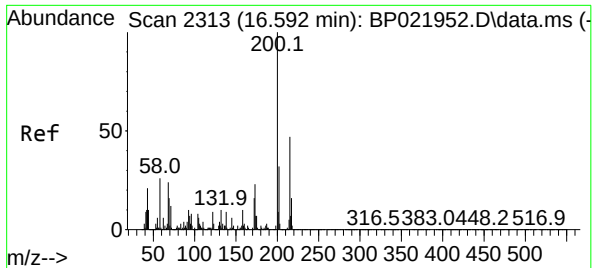
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#68
Hexachlorobenzene
Concen: 39.657 ng
RT: 16.421 min Scan# 2284
Delta R.T. -0.000 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

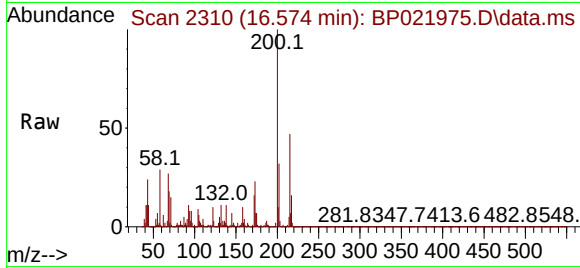
Tgt Ion:284 Resp: 444136
Ion Ratio Lower Upper
284 100
142 29.4 22.9 34.3
249 31.8 25.2 37.8





#69
Atrazine
Concen: 33.218 ng
RT: 16.574 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

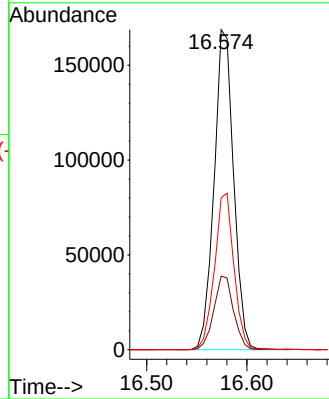
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:200 Resp: 22836
Ion Ratio Lower Upper
200 100
173 23.0 3.0 43.0
215 47.4 27.4 67.4

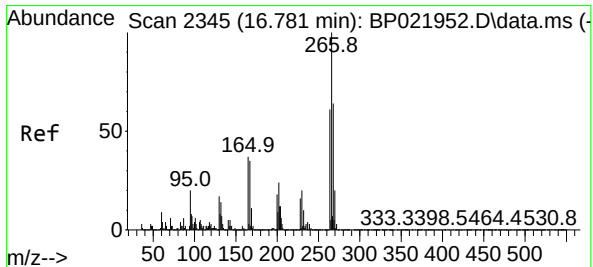
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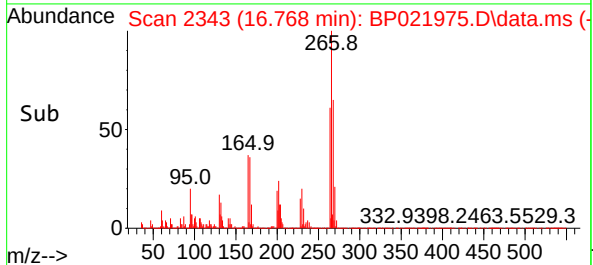
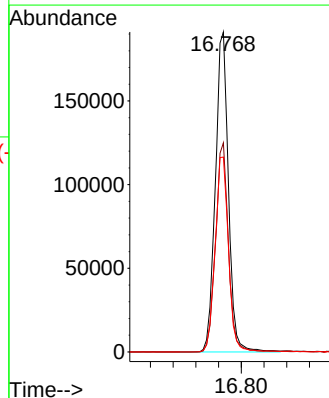
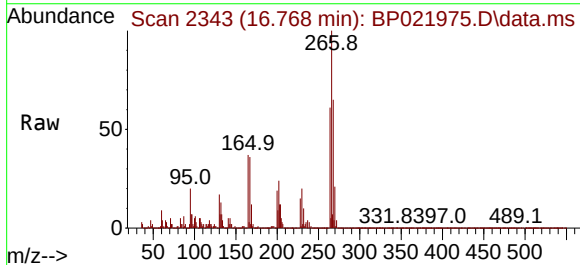
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ahmed

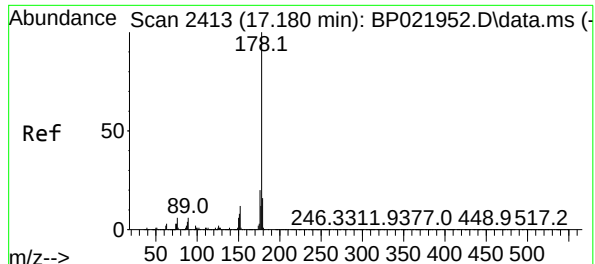
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#70
Pentachlorophenol
Concen: 40.392 ng
RT: 16.768 min Scan# 2343
Delta R.T. -0.012 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

Tgt Ion:266 Resp: 304348
Ion Ratio Lower Upper
266 100
268 65.3 51.1 76.7
264 60.9 48.6 72.8





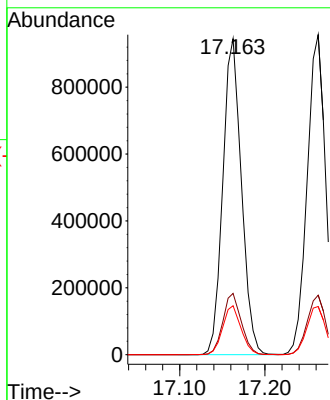
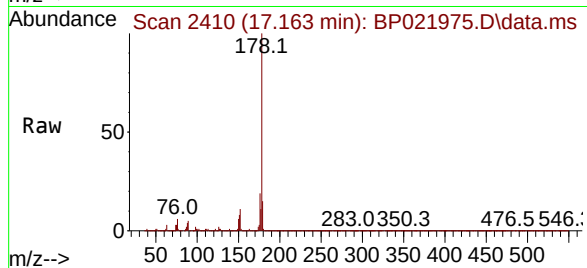
#71
Phenanthrene
Concen: 38.715 ng
RT: 17.163 min Scan# 2413
Delta R.T. -0.018 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 143209
Ion Ratio Lower Upper
178 100
176 19.4 15.9 23.9
179 15.5 12.5 18.7

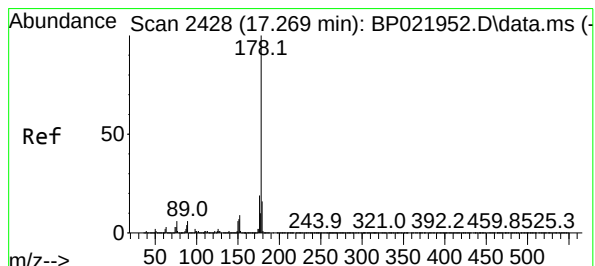
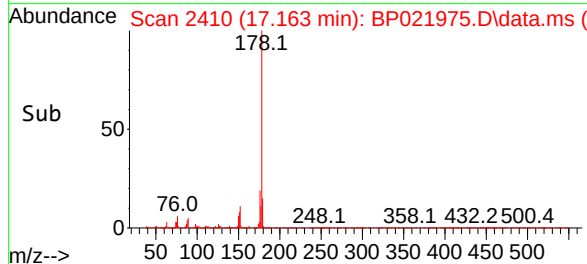
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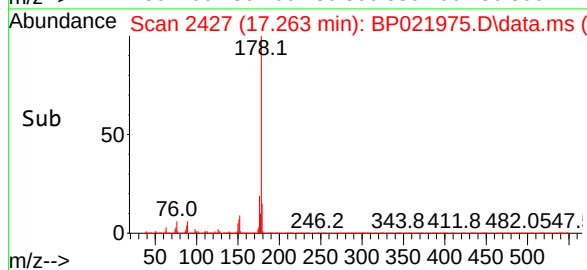
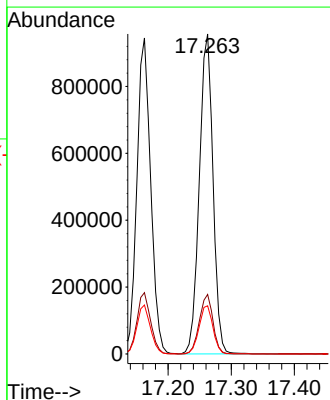
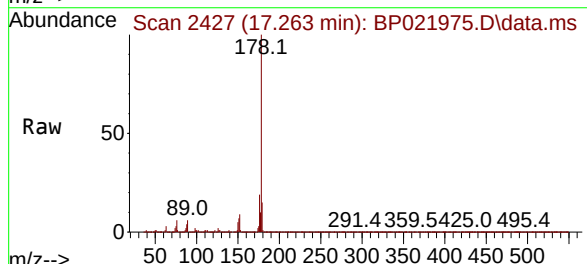
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ahmed

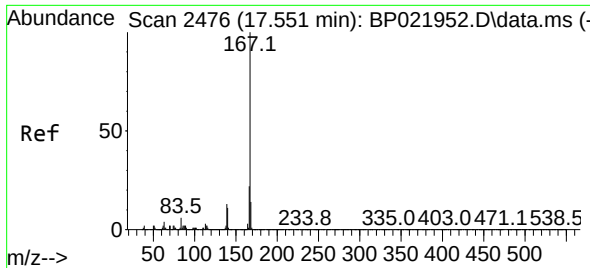
09/25/2024



#72
Anthracene
Concen: 40.142 ng
RT: 17.263 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

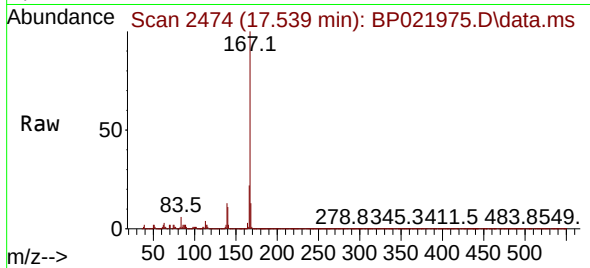
Tgt Ion:178 Resp: 1437412
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.1 12.6 18.8





#73
 Carbazole
 Concen: 40.386 ng
 RT: 17.539 min Scan# 2476
 Delta R.T. -0.012 min
 Lab File: BP021975.D
 Acq: 23 Sep 2024 09:39

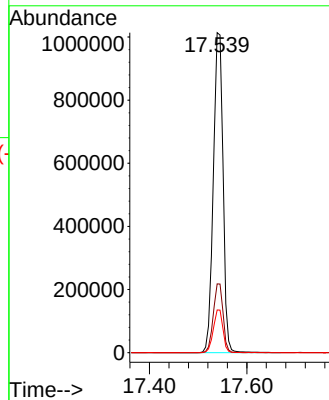
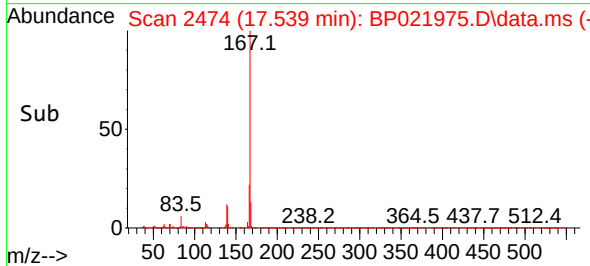
Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040



Tgt Ion:167 Resp: 1396754
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.0
 139 13.3 10.5 15.7

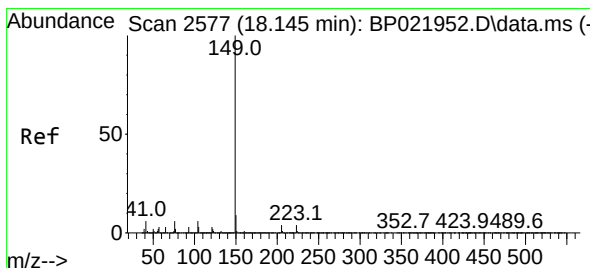
Manual Integrations
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Reviewed By :Yogesh
 Patel



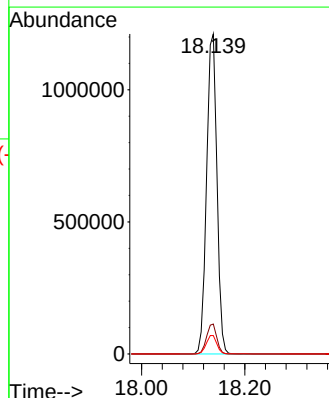
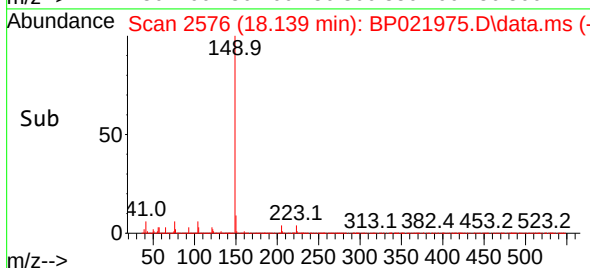
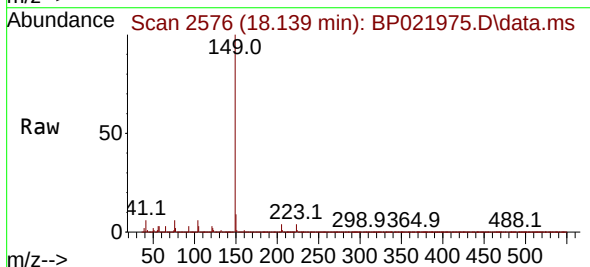
09/25/2024
 Supervised By :mohammad
 ahmed

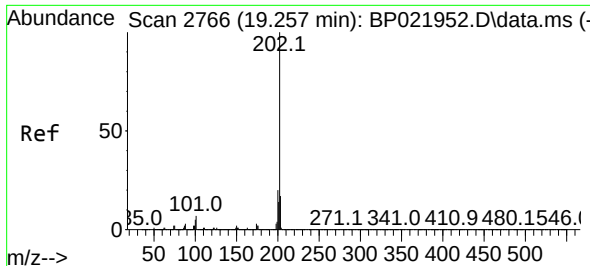
09/25/2024



#74
 Di-n-butylphthalate
 Concen: 41.254 ng
 RT: 18.139 min Scan# 2576
 Delta R.T. -0.006 min
 Lab File: BP021975.D
 Acq: 23 Sep 2024 09:39

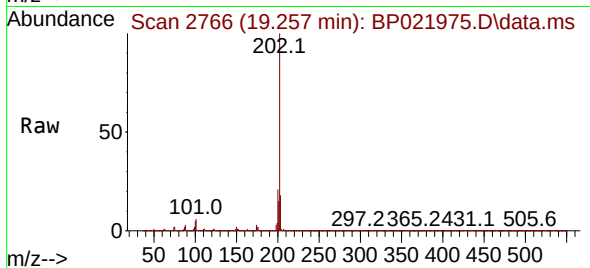
Tgt Ion:149 Resp: 1675695
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.3 10.9
 104 5.7 4.6 6.8





#75
Fluoranthene
Concen: 41.533 ng
RT: 19.257 min Scan# 214445
Delta R.T. -0.000 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

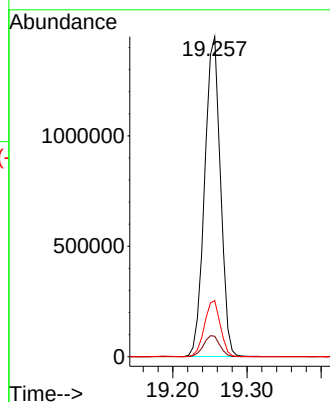
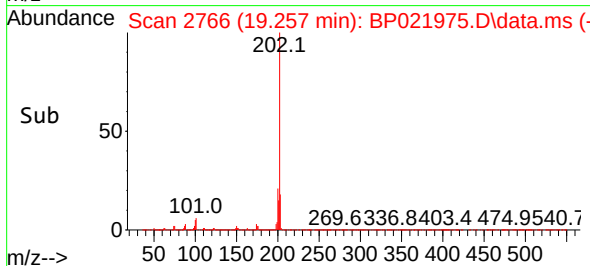
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 214445
Ion Ratio Lower Upper
202 100
101 6.4 0.0 26.5
203 17.5 0.0 37.3

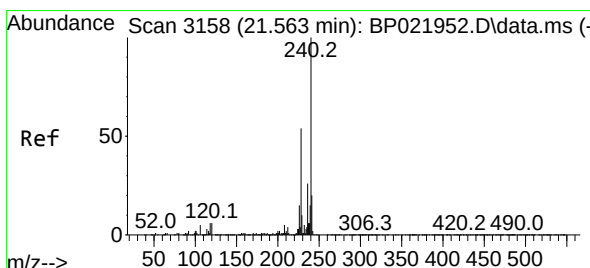
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Reviewed By :Yogesh
Patel



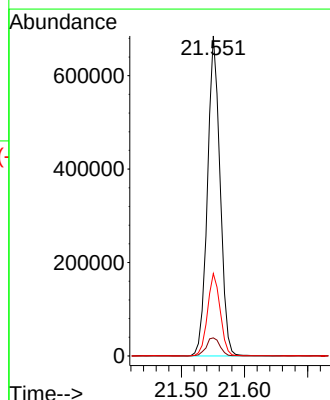
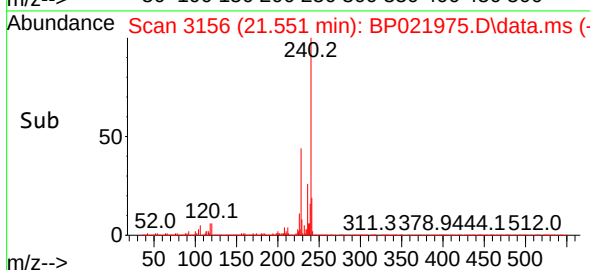
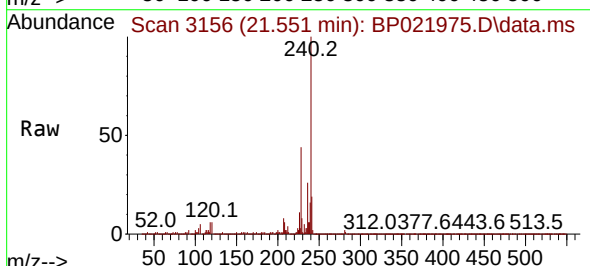
09/25/2024
Supervised By :mohammad
ahmed

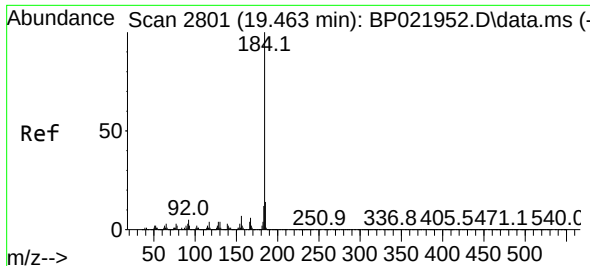
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.551 min Scan# 3156
Delta R.T. -0.012 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

Tgt Ion:240 Resp: 950314
Ion Ratio Lower Upper
240 100
120 5.7 5.1 7.7
236 25.7 20.7 31.1





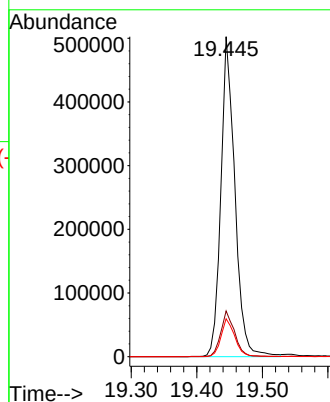
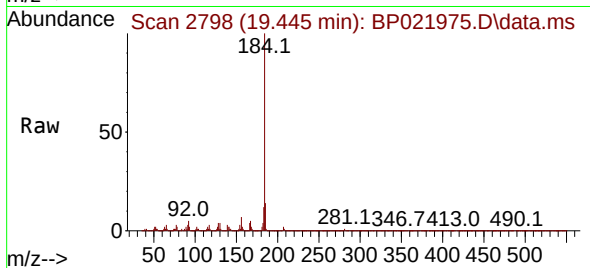
#77
Benzidine
Concen: 63.882 ng
RT: 19.445 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 74188
Ion Ratio Lower Upper
184 100
185 14.3 10.9 16.3
183 11.9 9.2 13.8

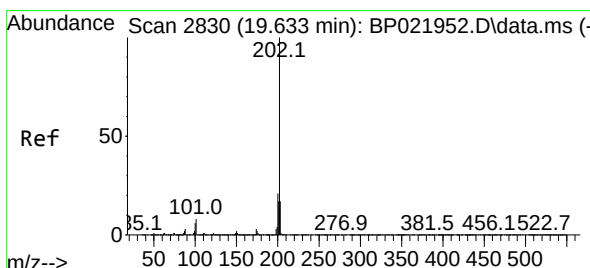
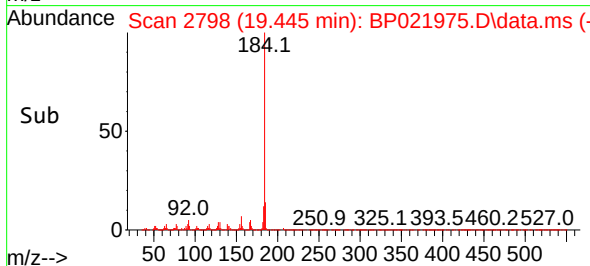
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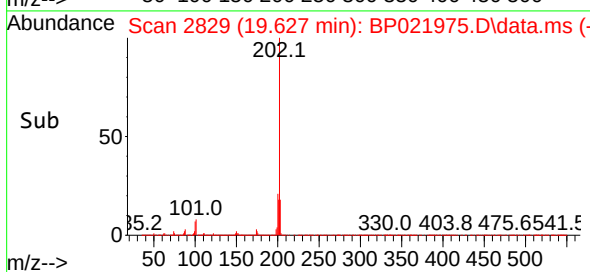
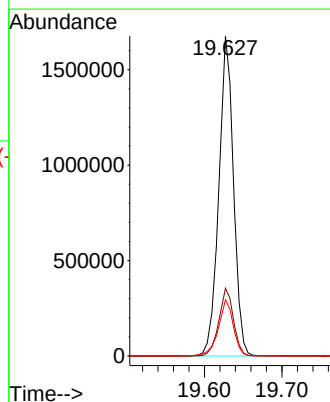
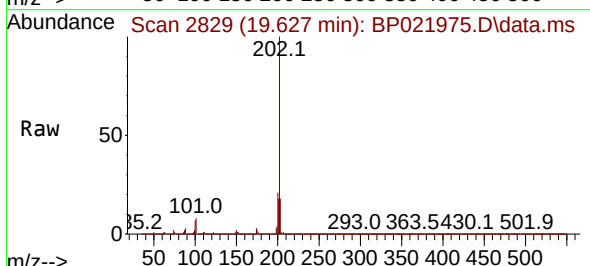
09/25/2024
Supervised By :mohammad
ahmed

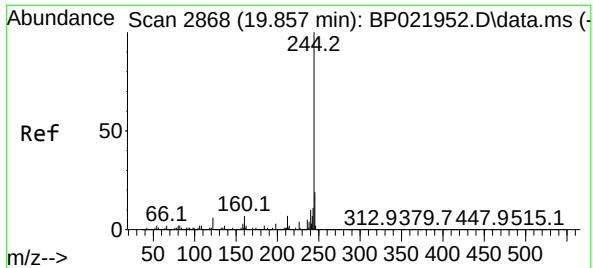
09/25/2024



#78
Pyrene
Concen: 38.581 ng
RT: 19.627 min Scan# 2829
Delta R.T. -0.006 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

Tgt Ion:202 Resp: 2217946
Ion Ratio Lower Upper
202 100
200 21.2 16.8 25.2
203 17.5 13.8 20.8





#79
Terphenyl-d14
Concen: 78.316 ng
RT: 19.851 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

Instrument :

BNA_P

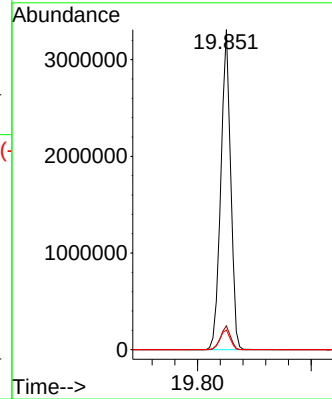
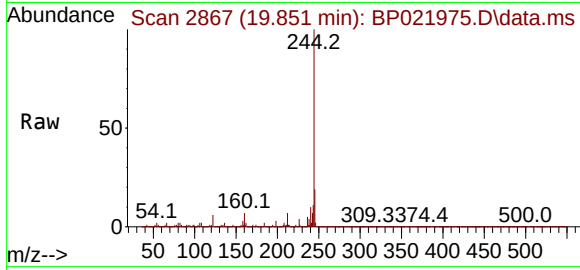
ClientSampleId :

SSTDCCC040

Tgt Ion:244 Resp: 3961972
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 6.2 5.0 7.4

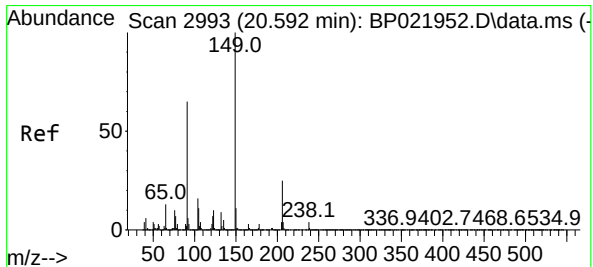
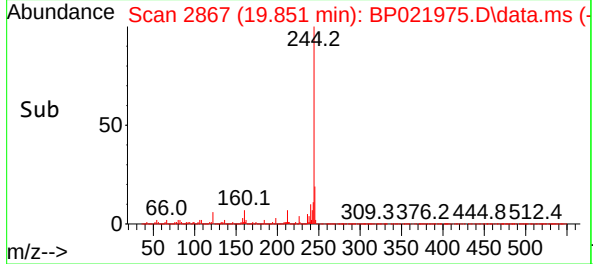
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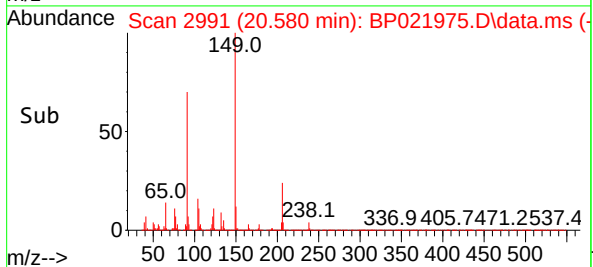
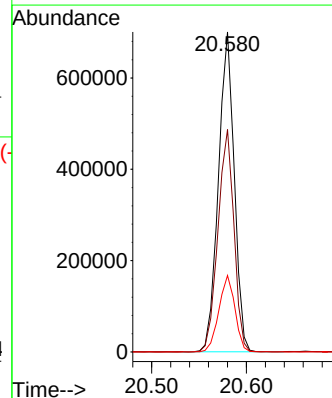
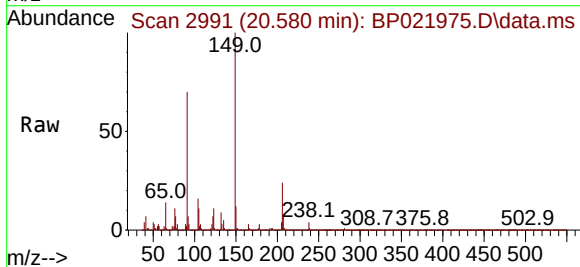
09/25/2024
Supervised By :mohammad
ahmed

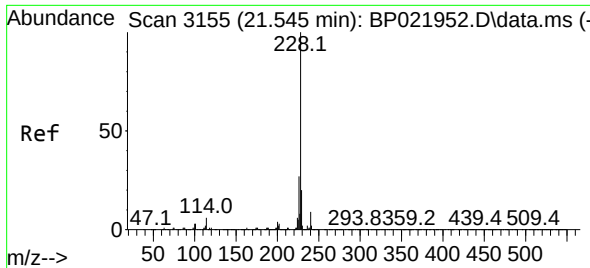
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#80
Butylbenzylphthalate
Concen: 39.642 ng
RT: 20.580 min Scan# 2991
Delta R.T. -0.012 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

Tgt Ion:149 Resp: 812833
Ion Ratio Lower Upper
149 100
91 69.5 51.9 77.9
206 23.9 20.1 30.1





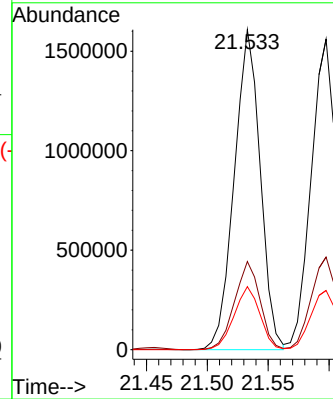
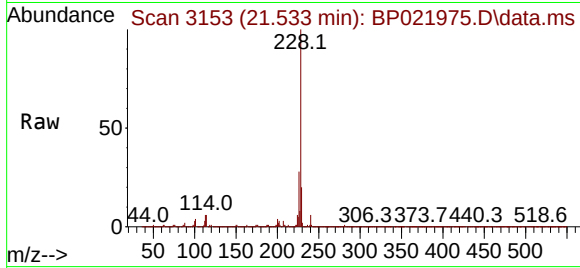
#81
Benzo(a)anthracene
Concen: 39.036 ng
RT: 21.533 min Scan# 3153
Delta R.T. -0.012 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 2383710
Ion Ratio Lower Upper
228 100
226 27.5 21.5 32.3
229 19.7 15.7 23.5

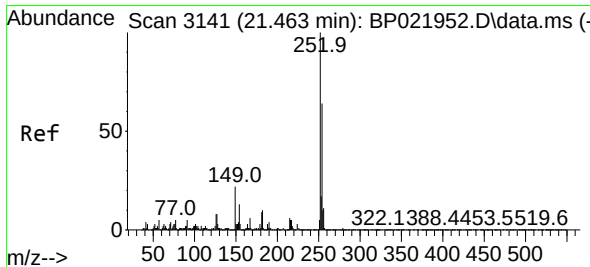
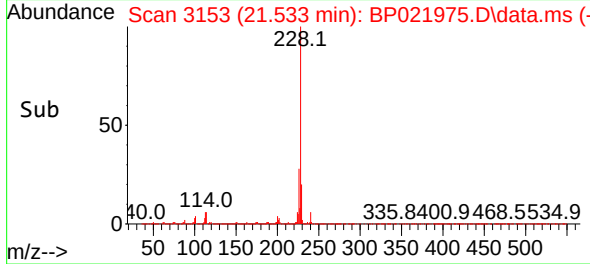
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Patel



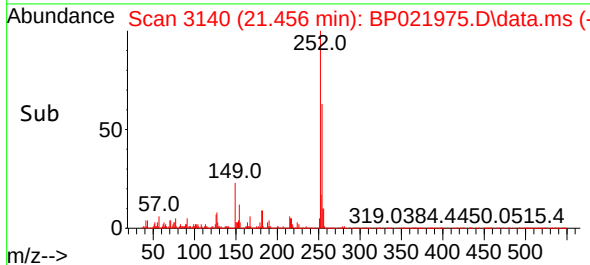
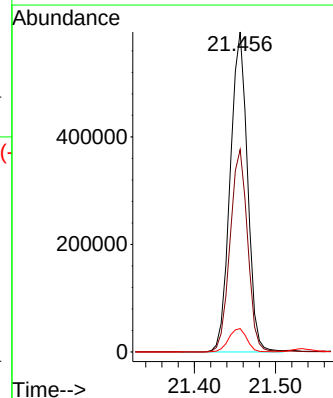
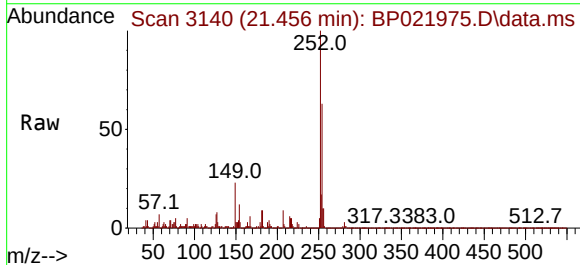
09/25/2024
Supervised By :mohammad
ahmed

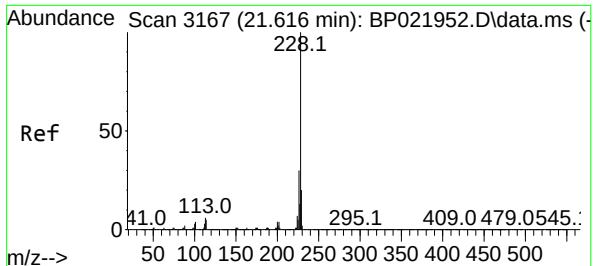
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#82
3,3'-Dichlorobenzidine
Concen: 39.757 ng
RT: 21.456 min Scan# 3140
Delta R.T. -0.006 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

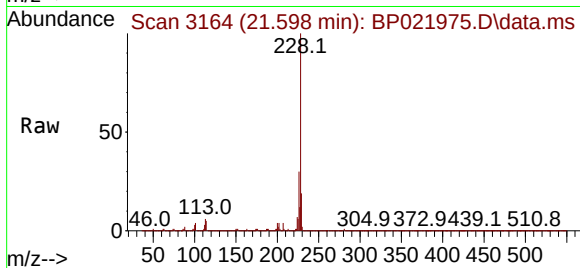
Tgt Ion:252 Resp: 880853
Ion Ratio Lower Upper
252 100
254 63.3 51.4 77.2
126 7.3 6.2 9.4





#83
Chrysene
Concen: 39.255 ng
RT: 21.598 min Scan# 3164
Delta R.T. -0.018 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

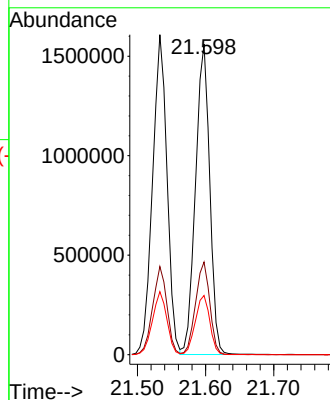
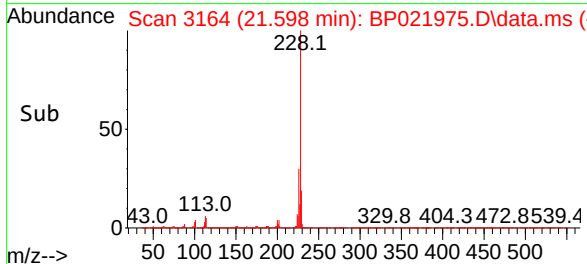
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 2256950
Ion Ratio Lower Upper
228 100
226 29.8 24.2 36.4
229 19.0 15.7 23.5

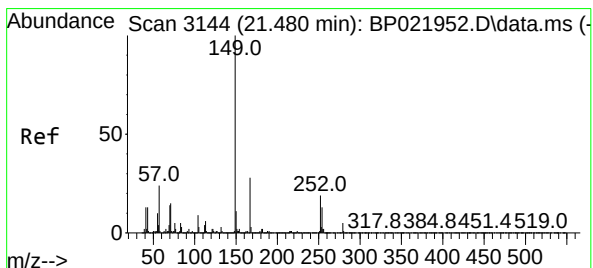
Manual Integrations
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Reviewed By :Yogesh
Patel



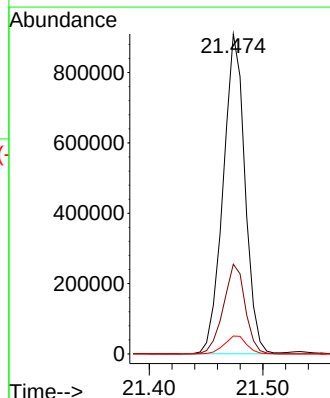
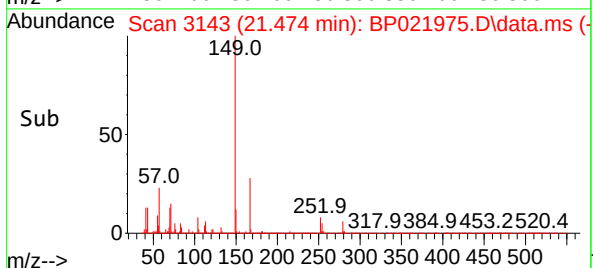
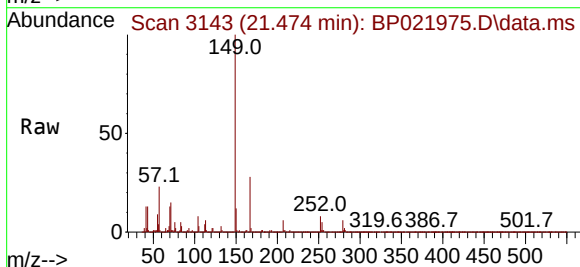
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Supervised By :mohammad
ahmed

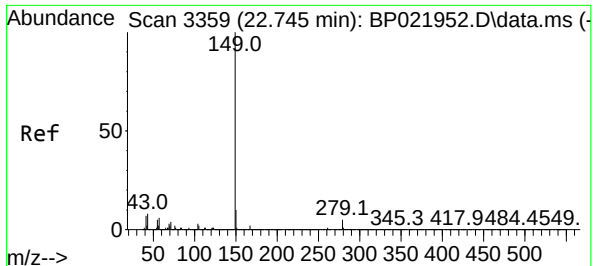
09/25/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.281 ng
RT: 21.474 min Scan# 3143
Delta R.T. -0.006 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

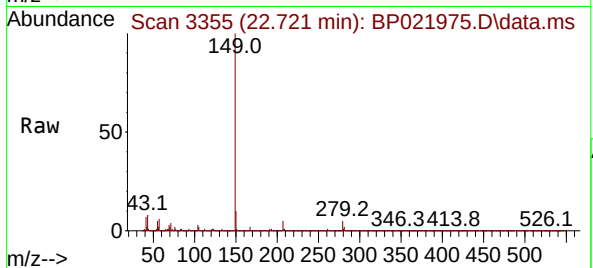
Tgt Ion:149 Resp: 1212189
Ion Ratio Lower Upper
149 100
167 28.1 22.3 33.5
279 5.6 4.2 6.2





#85
Di-n-octyl phthalate
Concen: 40.113 ng
RT: 22.721 min Scan# 3111
Delta R.T. -0.024 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

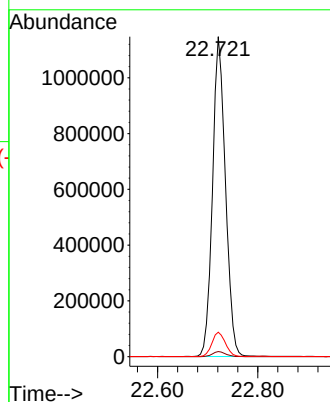
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 205023
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 7.9 6.2 9.4

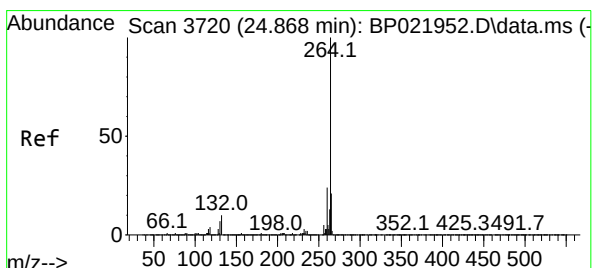
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Patel



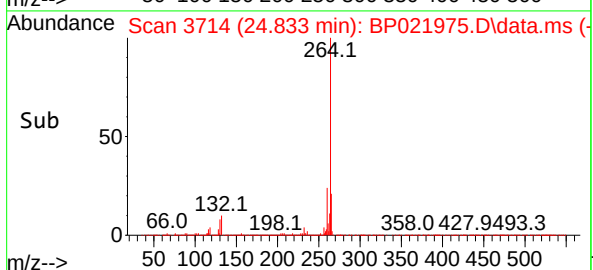
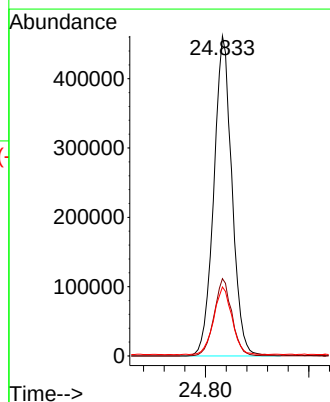
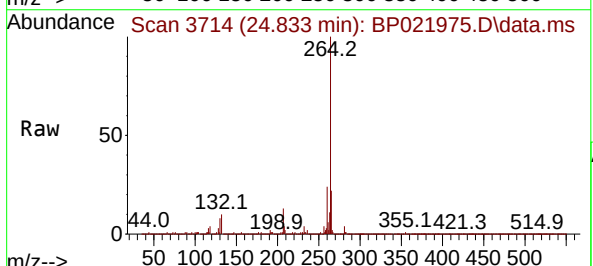
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Supervised By :mohammad
ahmed

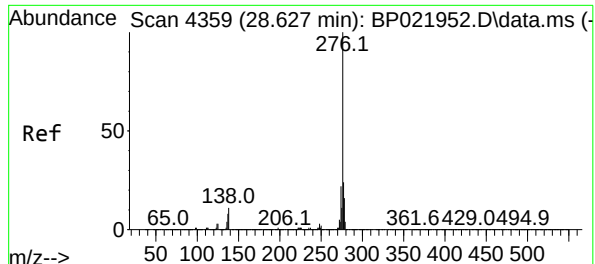
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.833 min Scan# 3714
Delta R.T. -0.036 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

Tgt Ion:264 Resp: 1123534
Ion Ratio Lower Upper
264 100
260 24.2 18.9 28.3
265 21.5 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.435 ng

RT: 28.574 min Scan# 41

Delta R.T. -0.053 min

Lab File: BP021975.D

Acq: 23 Sep 2024 09:39

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 294682

Ion Ratio Lower Upper

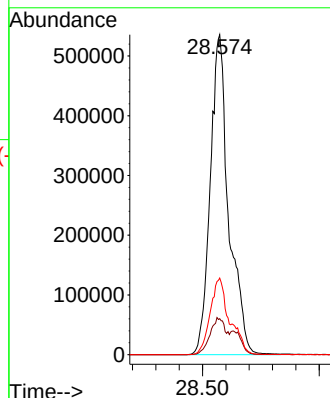
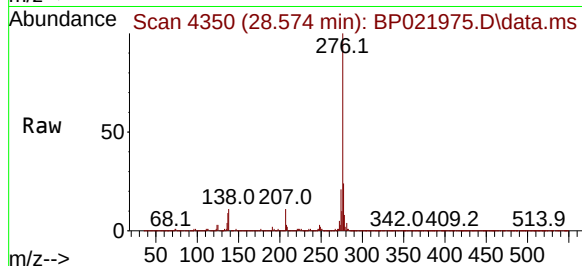
276 100

138 10.0 7.8 11.8

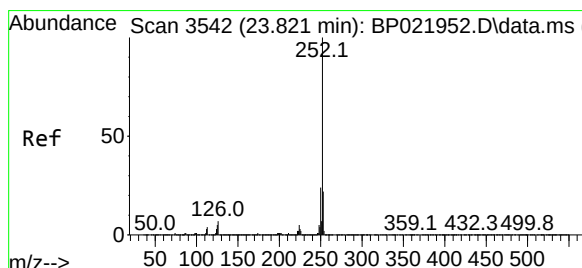
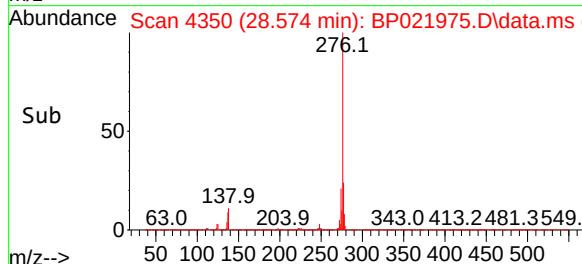
277 25.3 20.5 30.7

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Patel09/25/2024
Supervised By :mohammad
ahmed

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#88

Benzo(b)fluoranthene

Concen: 40.221 ng

RT: 23.792 min Scan# 3537

Delta R.T. -0.030 min

Lab File: BP021975.D

Acq: 23 Sep 2024 09:39

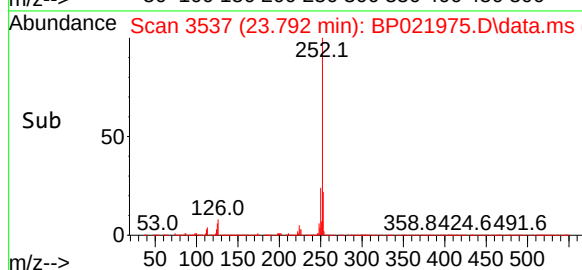
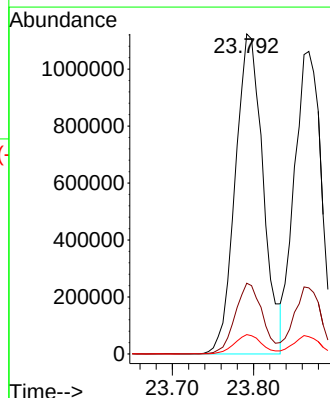
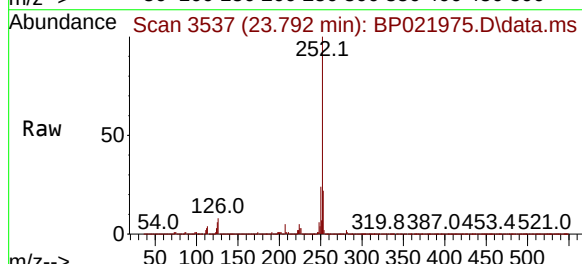
Tgt Ion:252 Resp: 2672574

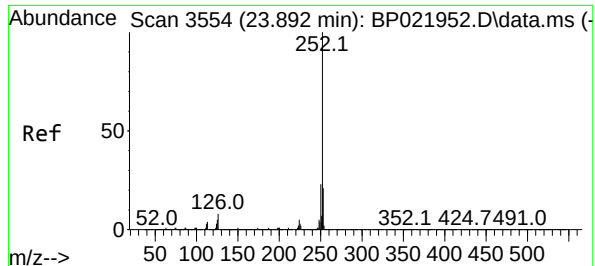
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 6.1 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 39.055 ng

RT: 23.868 min Scan# 3554

Delta R.T. -0.024 min

Lab File: BP021975.D

Acq: 23 Sep 2024 09:39

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 2455839

Ion Ratio Lower Upper

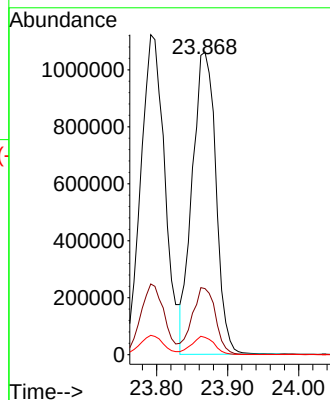
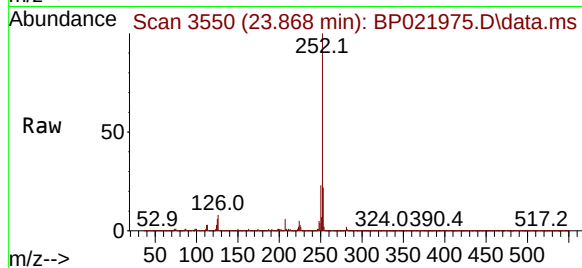
252 100

253 21.9 17.0 25.6

125 5.7 4.3 6.5

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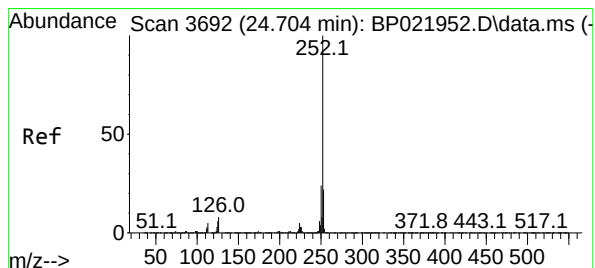
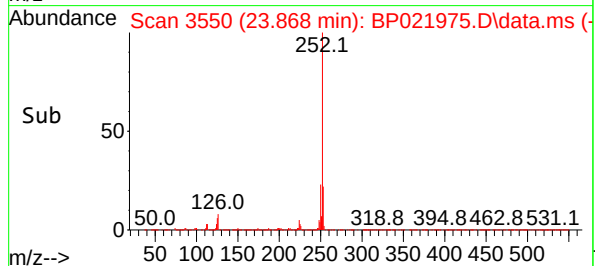
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Reviewed By :Yogesh
Patel

09/25/2024

Supervised By :mohammad
ahmed

09/25/2024



#90

Benzo(a)pyrene

Concen: 39.310 ng

RT: 24.680 min Scan# 3688

Delta R.T. -0.024 min

Lab File: BP021975.D

Acq: 23 Sep 2024 09:39

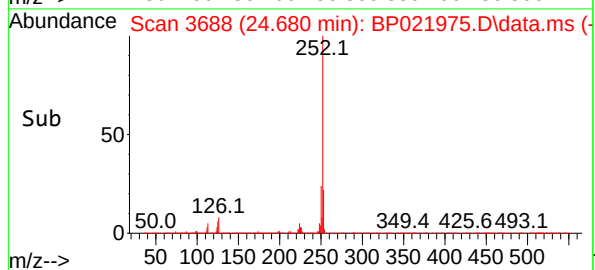
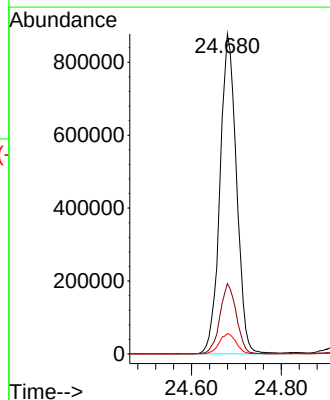
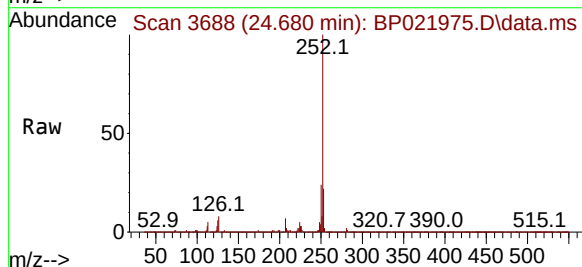
Tgt Ion:252 Resp: 2250117

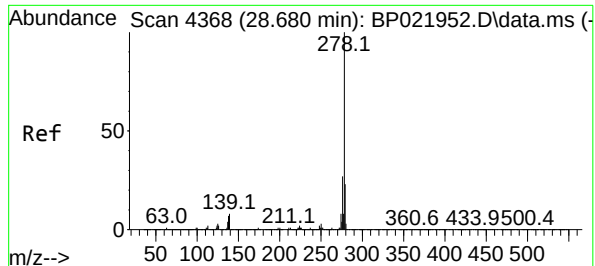
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

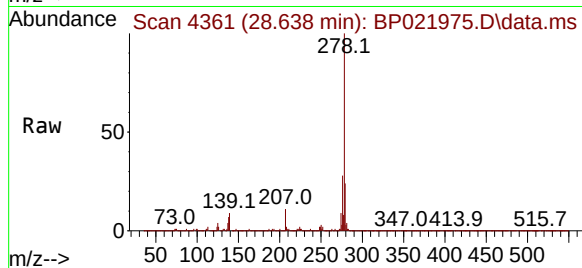
125 6.3 5.0 7.6





#91
Dibenzo(a,h)anthracene
Concen: 38.741 ng
RT: 28.638 min Scan# 41
Delta R.T. -0.042 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39

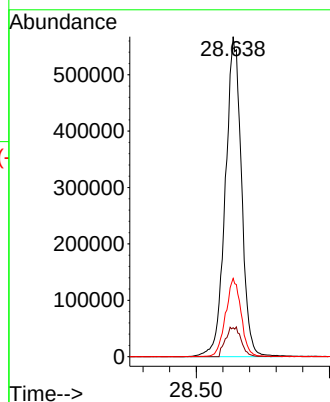
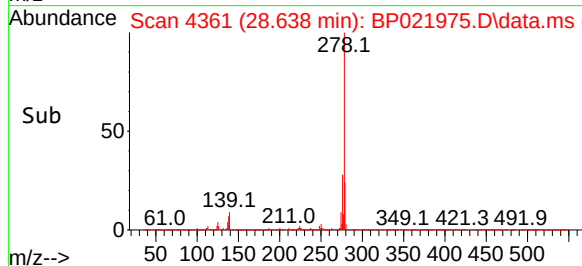
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:278 Resp: 2389310
Ion Ratio Lower Upper
278 100
139 9.0 6.6 10.0
279 24.5 18.8 28.2

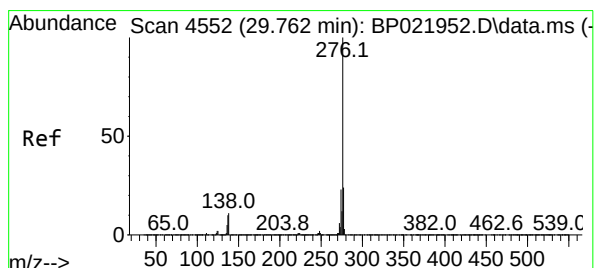
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

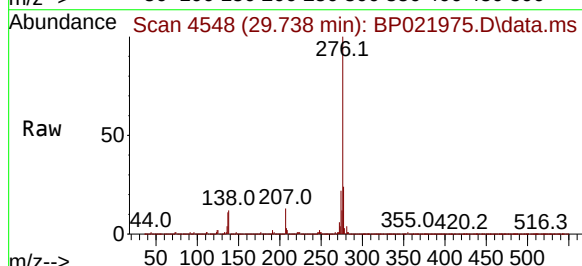


09/25/2024
Supervised By :mohammad
ahmed

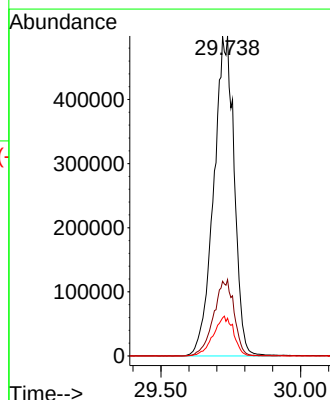
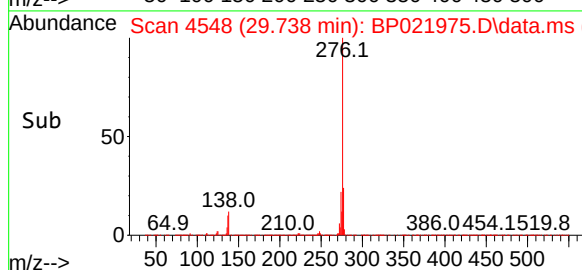
09/25/2024



#92
Benzo(g,h,i)perylene
Concen: 40.126 ng
RT: 29.738 min Scan# 4548
Delta R.T. -0.024 min
Lab File: BP021975.D
Acq: 23 Sep 2024 09:39



Tgt Ion:276 Resp: 2534953
Ion Ratio Lower Upper
276 100
277 23.8 19.3 28.9
138 11.8 9.2 13.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092324\
 Data File : BP021975.D
 Acq On : 23 Sep 2024 09:39
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Sep 23 11:03:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 01:22:00 2024
 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	95	0.00
2	1,4-Dioxane	0.442	0.410	7.2	90	0.00
3	Pyridine	1.179	1.115	5.4	91	0.00
4	n-Nitrosodimethylamine	0.622	0.639	-2.7	100	0.00
5 S	2-Fluorophenol	1.064	1.031	3.1	92	0.00
6	Aniline	1.214	1.215	-0.1	95	0.00
7 S	Phenol-d6	1.382	1.375	0.5	96	0.00
8	2-Chlorophenol	1.138	1.150	-1.1	96	0.00
9	Benzaldehyde	0.722	0.721	0.1	93	0.00
10 C	Phenol	1.372	1.367	0.4	96	0.00
11	bis(2-Chloroethyl)ether	1.034	1.059	-2.4	99	0.00
12	1,3-Dichlorobenzene	1.437	1.456	-1.3	97	0.00
13 C	1,4-Dichlorobenzene	1.457	1.461	-0.3	96	0.00
14	1,2-Dichlorobenzene	1.398	1.391	0.5	95	0.00
15	Benzyl Alcohol	1.060	1.140	-7.5	102	0.00
16	2,2'-oxybis(1-Chloropropane	1.102	1.148	-4.2	100	-0.01
17	2-Methylphenol	0.927	0.982	-5.9	98	0.00
18	Hexachloroethane	0.536	0.553	-3.2	98	-0.01
19 P	n-Nitroso-di-n-propylamine	0.859	0.951	-10.7	103	0.00
20	3+4-Methylphenols	1.309	1.371	-4.7	98	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	100	0.00
22	Acetophenone	0.488	0.464	4.9	100	-0.01
23 S	Nitrobenzene-d5	0.378	0.375	0.8	102	0.00
24	Nitrobenzene	0.384	0.380	1.0	101	0.00
25	Isophorone	0.623	0.623	0.0	101	-0.01
26 C	2-Nitrophenol	0.168	0.166	1.2	99	0.00
27	2,4-Dimethylphenol	0.194	0.197	-1.5	102	0.00
28	bis(2-Chloroethoxy)methane	0.374	0.368	1.6	100	0.00
29 C	2,4-Dichlorophenol	0.330	0.335	-1.5	100	0.00
30	1,2,4-Trichlorobenzene	0.411	0.406	1.2	101	-0.01
31	Naphthalene	0.998	0.990	0.8	102	0.00
32	Benzoic acid	0.227	0.234	-3.1	100	0.00
33	4-Chloroaniline	0.360	0.367	-1.9	102	0.00
34 C	Hexachlorobutadiene	0.321	0.327	-1.9	106	0.00
35	Caprolactam	0.098	0.099	-1.0	100	0.00
36 C	4-Chloro-3-methylphenol	0.354	0.373	-5.4	106	0.00
37	2-Methylnaphthalene	0.730	0.748	-2.5	105	-0.01
38	1-Methylnaphthalene	0.721	0.753	-4.4	107	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	112	0.00
40	1,2,4,5-Tetrachlorobenzene	0.700	0.673	3.9	109	0.00
41 P	Hexachlorocyclopentadiene	0.260	0.251	3.5	110	0.00
42 S	2,4,6-Tribromophenol	0.371	0.410	-10.5	127	-0.02
43 C	2,4,6-Trichlorophenol	0.429	0.415	3.3	107	-0.01
44	2,4,5-Trichlorophenol	0.482	0.474	1.7	111	0.00
45 S	2-Fluorobiphenyl	1.370	1.339	2.3	113	0.00
46	1,1'-Biphenyl	1.364	1.330	2.5	112	-0.01
47	2-Chloronaphthalene	1.103	1.070	3.0	111	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092324\
 Data File : BP021975.D
 Acq On : 23 Sep 2024 09:39
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Sep 23 11:03:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 01:22:00 2024
 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	0.301	0.315	-4.7	111	0.00
49	Acenaphthylene	1.556	1.567	-0.7	112	0.00
50	Dimethylphthalate	1.451	1.438	0.9	112	-0.02
51	2,6-Dinitrotoluene	0.323	0.322	0.3	111	0.00
52 C	Acenaphthene	1.013	1.021	-0.8	115	0.00
53	3-Nitroaniline	0.288	0.298	-3.5	111	0.00
54 P	2,4-Dinitrophenol	0.189	0.197	-4.2	113	0.00
55	Dibenzofuran	1.702	1.761	-3.5	118	0.00
56 P	4-Nitrophenol	0.251	0.261	-4.0	109	0.00
57	2,4-Dinitrotoluene	0.457	0.486	-6.3	116	0.00
58	Fluorene	1.421	1.482	-4.3	119	0.00
59	2,3,4,6-Tetrachlorophenol	0.465	0.481	-3.4	117	0.00
60	Diethylphthalate	1.474	1.546	-4.9	121	-0.01
61	4-Chlorophenyl-phenylether	0.828	0.873	-5.4	123	0.00
62	4-Nitroaniline	0.317	0.344	-8.5	117	0.00
63	Azobenzene	1.220	1.333	-9.3	124	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	124	-0.02
65	4,6-Dinitro-2-methylphenol	0.116	0.116	0.0	121	-0.02
66 c	n-Nitrosodiphenylamine	0.498	0.485	2.6	120	0.00
67	4-Bromophenyl-phenylether	0.233	0.229	1.7	124	-0.01
68	Hexachlorobenzene	0.291	0.288	1.0	125	0.00
69	Atrazine	0.178	0.148	16.9	114	-0.02
70 C	Pentachlorophenol	0.196	0.197	-0.5	123	-0.01
71	Phenanthrene	0.960	0.929	3.2	121	-0.02
72	Anthracene	0.929	0.933	-0.4	125	0.00
73	Carbazole	0.898	0.906	-0.9	123	-0.01
74	Di-n-butylphthalate	1.054	1.087	-3.1	131	0.00
75 C	Fluoranthene	1.340	1.391	-3.8	128	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	131	-0.01
77	Benzidine	0.244	0.390	-59.8#	127	-0.02
78	Pyrene	1.210	1.167	3.6	126	0.00
79 S	Terphenyl-d14	1.065	1.042	2.2	129	0.00
80	Butylbenzylphthalate	0.432	0.428	0.9	130	-0.01
81	Benzo(a)anthracene	1.285	1.254	2.4	130	-0.01
82	3,3'-Dichlorobenzidine	0.466	0.463	0.6	122	0.00
83	Chrysene	1.210	1.187	1.9	132	-0.02
84	Bis(2-ethylhexyl)phthalate	0.633	0.638	-0.8	138	0.00
85 c	Di-n-octyl phthalate	1.076	1.079	-0.3	136	-0.02
86 I	Perylene-d12	1.000	1.000	0.0	132	-0.04
87	Indeno(1,2,3-cd)pyrene	1.330	1.311	1.4	130	-0.05
88	Benzo(b)fluoranthene	1.183	1.189	-0.5	130	-0.03
89	Benzo(k)fluoranthene	1.119	1.093	2.3	131	-0.02
90 C	Benzo(a)pyrene	1.019	1.001	1.8	129	-0.02
91	Dibenzo(a,h)anthracene	1.098	1.063	3.2	129	-0.04
92	Benzo(g,h,i)perylene	1.125	1.128	-0.3	131	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092324\
Data File : BP021975.D
Acq On : 23 Sep 2024 09:39
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Sep 23 11:03:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 01:22:00 2024
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 = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092324\
 Data File : BP021975.D
 Acq On : 23 Sep 2024 09:39
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Sep 23 11:03:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 01:22:00 2024
 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	95	0.00
2	1,4-Dioxane	40.000	37.106	7.2	90	0.00
3	Pyridine	40.000	37.827	5.4	91	0.00
4	n-Nitrosodimethylamine	40.000	41.107	-2.8	100	0.00
5 S	2-Fluorophenol	80.000	77.537	3.1	92	0.00
6	Aniline	40.000	40.030	-0.1	95	0.00
7 S	Phenol-d6	80.000	79.604	0.5	96	0.00
8	2-Chlorophenol	40.000	40.439	-1.1	96	0.00
9	Benzaldehyde	40.000	39.926	0.2	93	0.00
10 C	Phenol	40.000	39.844	0.4	96	0.00
11	bis(2-Chloroethyl)ether	40.000	40.969	-2.4	99	0.00
12	1,3-Dichlorobenzene	40.000	40.546	-1.4	97	0.00
13 C	1,4-Dichlorobenzene	40.000	40.115	-0.3	96	0.00
14	1,2-Dichlorobenzene	40.000	39.785	0.5	95	0.00
15	Benzyl Alcohol	40.000	43.028	-7.6	102	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	41.639	-4.1	100	-0.01
17	2-Methylphenol	40.000	42.355	-5.9	98	0.00
18	Hexachloroethane	40.000	41.308	-3.3	98	-0.01
19 P	n-Nitroso-di-n-propylamine	40.000	44.308	-10.8	103	0.00
20	3+4-Methylphenols	40.000	41.921	-4.8	98	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	100	0.00
22	Acetophenone	40.000	38.075	4.8	100	-0.01
23 S	Nitrobenzene-d5	80.000	79.323	0.8	102	0.00
24	Nitrobenzene	40.000	39.645	0.9	101	0.00
25	Isophorone	40.000	40.019	-0.0	101	-0.01
26 C	2-Nitrophenol	40.000	39.593	1.0	99	0.00
27	2,4-Dimethylphenol	40.000	40.519	-1.3	102	0.00
28	bis(2-Chloroethoxy)methane	40.000	39.394	1.5	100	0.00
29 C	2,4-Dichlorophenol	40.000	40.621	-1.6	100	0.00
30	1,2,4-Trichlorobenzene	40.000	39.533	1.2	101	-0.01
31	Naphthalene	40.000	39.693	0.8	102	0.00
32	Benzoic acid	40.000	41.209	-3.0	100	0.00
33	4-Chloroaniline	40.000	40.818	-2.0	102	0.00
34 C	Hexachlorobutadiene	40.000	40.663	-1.7	106	0.00
35	Caprolactam	40.000	40.310	-0.8	100	0.00
36 C	4-Chloro-3-methylphenol	40.000	42.135	-5.3	106	0.00
37	2-Methylnaphthalene	40.000	40.989	-2.5	105	-0.01
38	1-Methylnaphthalene	40.000	41.766	-4.4	107	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	112	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	38.477	3.8	109	0.00
41 P	Hexachlorocyclopentadiene	40.000	38.576	3.6	110	0.00
42 S	2,4,6-Tribromophenol	80.000	88.490	-10.6	127	-0.02
43 C	2,4,6-Trichlorophenol	40.000	38.635	3.4	107	-0.01
44	2,4,5-Trichlorophenol	40.000	39.351	1.6	111	0.00
45 S	2-Fluorobiphenyl	80.000	78.163	2.3	113	0.00
46	1,1'-Biphenyl	40.000	39.006	2.5	112	-0.01
47	2-Chloronaphthalene	40.000	38.820	2.9	111	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092324\
 Data File : BP021975.D
 Acq On : 23 Sep 2024 09:39
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Sep 23 11:03:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 01:22:00 2024
 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	41.895	-4.7	111	0.00
49	Acenaphthylene	40.000	40.276	-0.7	112	0.00
50	Dimethylphthalate	40.000	39.645	0.9	112	-0.02
51	2,6-Dinitrotoluene	40.000	39.903	0.2	111	0.00
52 C	Acenaphthene	40.000	40.318	-0.8	115	0.00
53	3-Nitroaniline	40.000	41.346	-3.4	111	0.00
54 P	2,4-Dinitrophenol	40.000	41.608	-4.0	113	0.00
55	Dibenzofuran	40.000	41.383	-3.5	118	0.00
56 P	4-Nitrophenol	40.000	41.582	-4.0	109	0.00
57	2,4-Dinitrotoluene	40.000	42.523	-6.3	116	0.00
58	Fluorene	40.000	41.717	-4.3	119	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	41.373	-3.4	117	0.00
60	Diethylphthalate	40.000	41.964	-4.9	121	-0.01
61	4-Chlorophenyl-phenylether	40.000	42.178	-5.4	123	0.00
62	4-Nitroaniline	40.000	43.415	-8.5	117	0.00
63	Azobenzene	40.000	43.702	-9.3	124	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	124	-0.02
65	4,6-Dinitro-2-methylphenol	40.000	40.175	-0.4	121	-0.02
66 c	n-Nitrosodiphenylamine	40.000	38.979	2.6	120	0.00
67	4-Bromophenyl-phenylether	40.000	39.265	1.8	124	-0.01
68	Hexachlorobenzene	40.000	39.657	0.9	125	0.00
69	Atrazine	40.000	33.218	17.0	114	-0.02
70 C	Pentachlorophenol	40.000	40.392	-1.0	123	-0.01
71	Phenanthrene	40.000	38.715	3.2	121	-0.02
72	Anthracene	40.000	40.142	-0.4	125	0.00
73	Carbazole	40.000	40.386	-1.0	123	-0.01
74	Di-n-butylphthalate	40.000	41.254	-3.1	131	0.00
75 C	Fluoranthene	40.000	41.533	-3.8	128	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	131	-0.01
77	Benzydine	40.000	63.882	-59.7#	127	-0.02
78	Pyrene	40.000	38.581	3.5	126	0.00
79 S	Terphenyl-d14	80.000	78.316	2.1	129	0.00
80	Butylbenzylphthalate	40.000	39.642	0.9	130	-0.01
81	Benzo(a)anthracene	40.000	39.036	2.4	130	-0.01
82	3,3'-Dichlorobenzidine	40.000	39.757	0.6	122	0.00
83	Chrysene	40.000	39.255	1.9	132	-0.02
84	Bis(2-ethylhexyl)phthalate	40.000	40.281	-0.7	138	0.00
85 c	Di-n-octyl phthalate	40.000	40.113	-0.3	136	-0.02
86 I	Perylene-d12	20.000	20.000	0.0	132	-0.04
87	Indeno(1,2,3-cd)pyrene	40.000	39.435	1.4	130	-0.05
88	Benzo(b)fluoranthene	40.000	40.221	-0.6	130	-0.03
89	Benzo(k)fluoranthene	40.000	39.055	2.4	131	-0.02
90 C	Benzo(a)pyrene	40.000	39.310	1.7	129	-0.02
91	Dibenzo(a,h)anthracene	40.000	38.741	3.1	129	-0.04
92	Benzo(g,h,i)perylene	40.000	40.126	-0.3	131	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092324\
Data File : BP021975.D
Acq On : 23 Sep 2024 09:39
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Sep 23 11:03:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 01:22:00 2024
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)

(#) = Out of Range SPCC's out = 0 CCC's out = 0



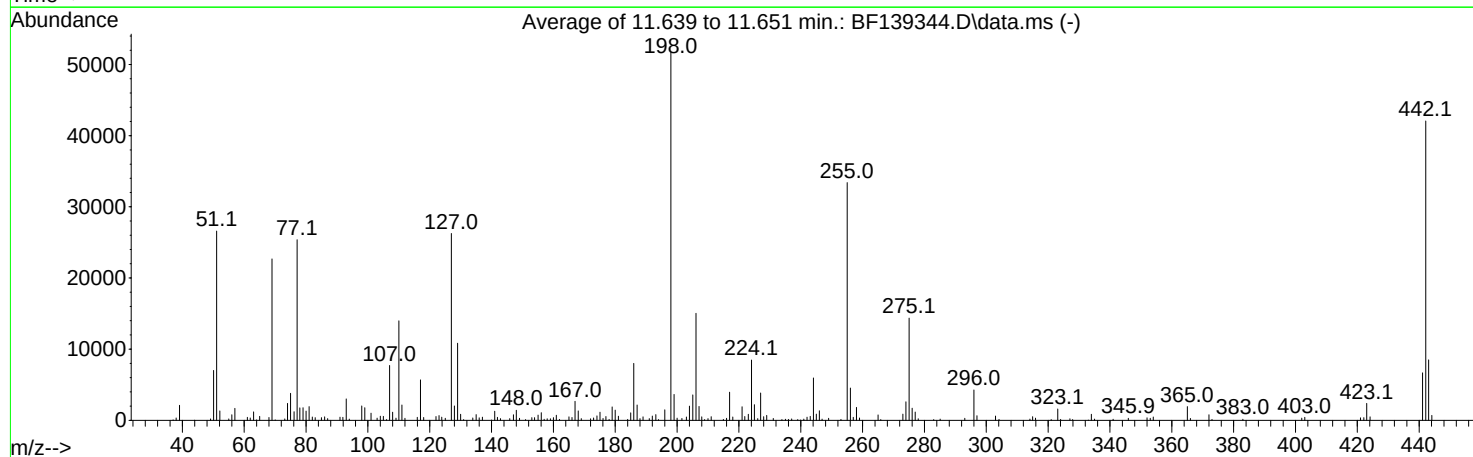
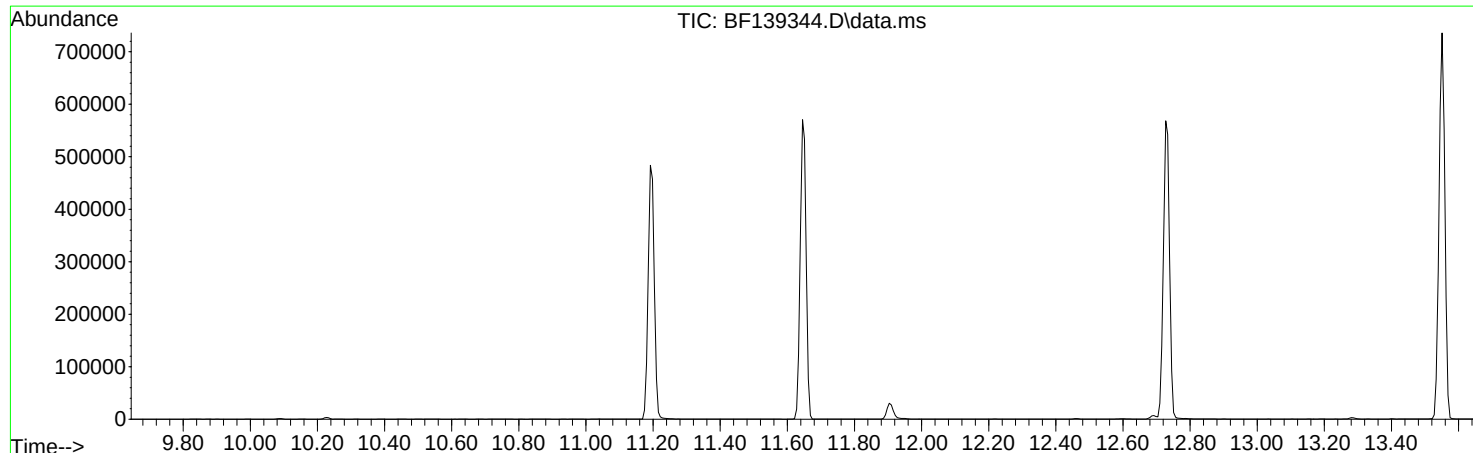
QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139344.D
Acq On : 13 Sep 2024 14:04
Operator : RC/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-BF091324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Sat Sep 14 02:58:23 2024



AutoFind: Scans 1623, 1624, 1625; Background Corrected with Scan 1617

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
51	198	10	80	51.4	26587	PASS
68	69	0.00	2	1.8	408	PASS
69	198	0.00	100	43.9	22688	PASS
70	69	0.00	2	0.3	58	PASS
127	198	10	80	50.8	26253	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	51680	PASS
199	198	5	9	7.0	3638	PASS
275	198	10	60	27.8	14373	PASS
365	198	1	100	3.7	1928	PASS
441	198	0.01	100	12.9	6681	PASS
442	442	50	100	100.0	42051	PASS
443	442	15	24	20.2	8504	PASS

DDT Breakdown

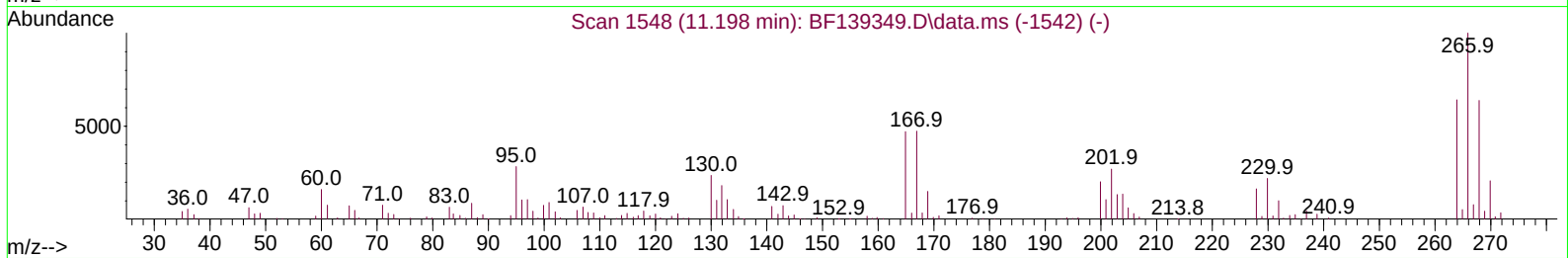
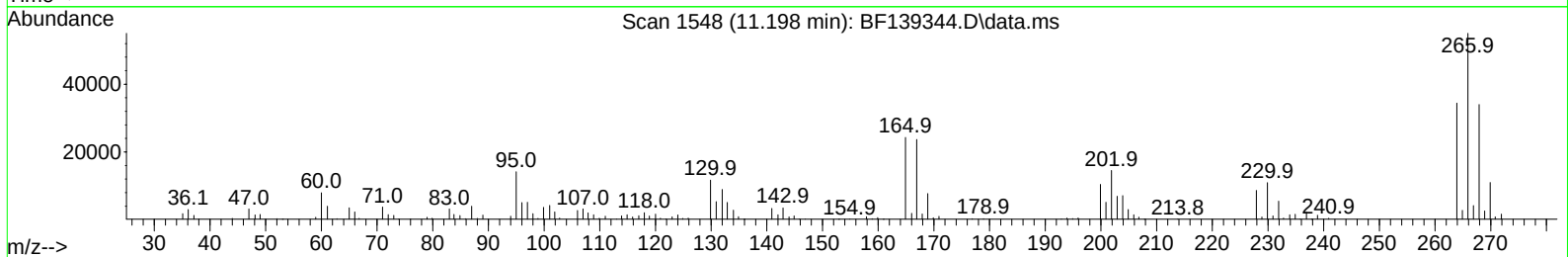
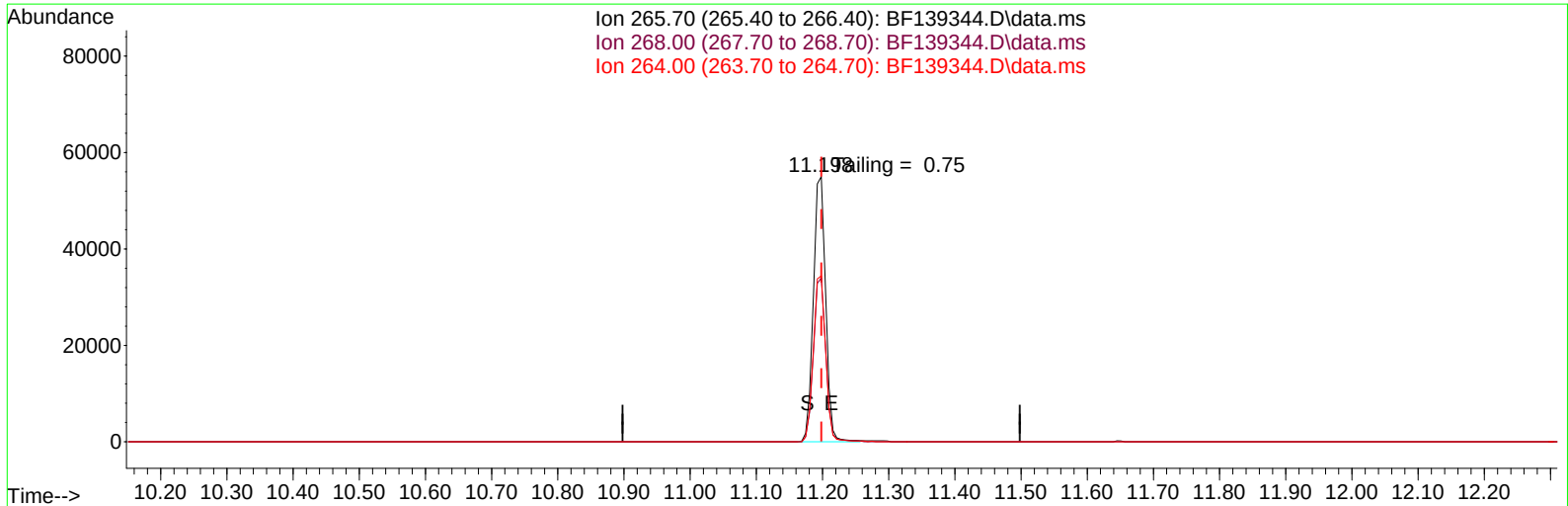
Date	Instrument Name	DFTPP Data File
9/13/2024	BNA_F	<u>BF139344.D</u>
Compound Name	Response	Retention Time
DDT	167916	13.551
DDD	1258	13.28
DDE	0	12.927
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
1258	169174	0.74

Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139344.D
Acq On : 13 Sep 2024 14:04
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Sep 14 03:25:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration



TIC: BF139344.D\data.ms

(70) Pentachlorophenol (C)

11.198min (-0.000) 38365.64 ng

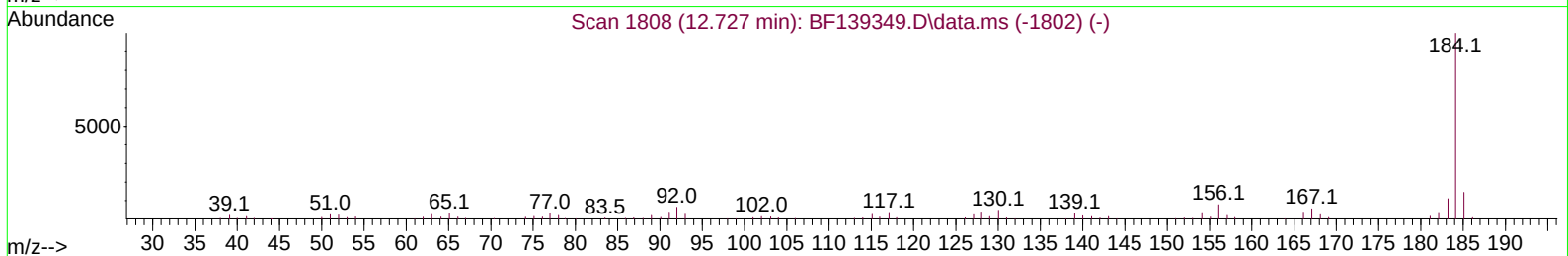
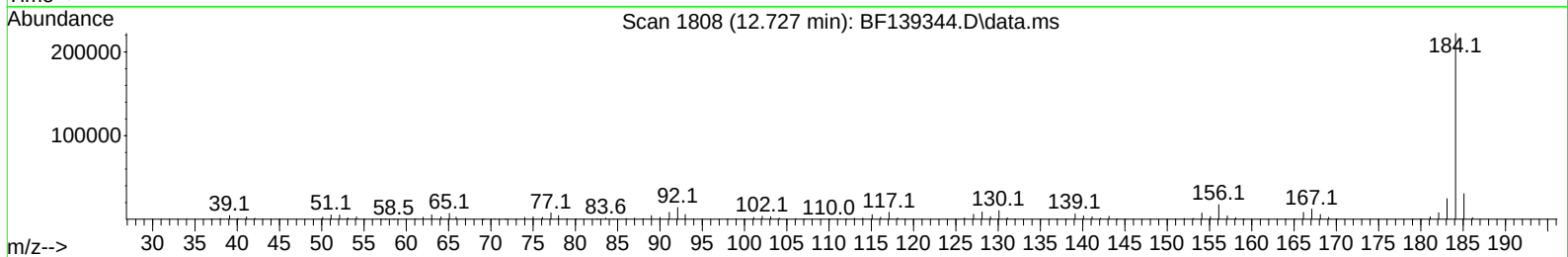
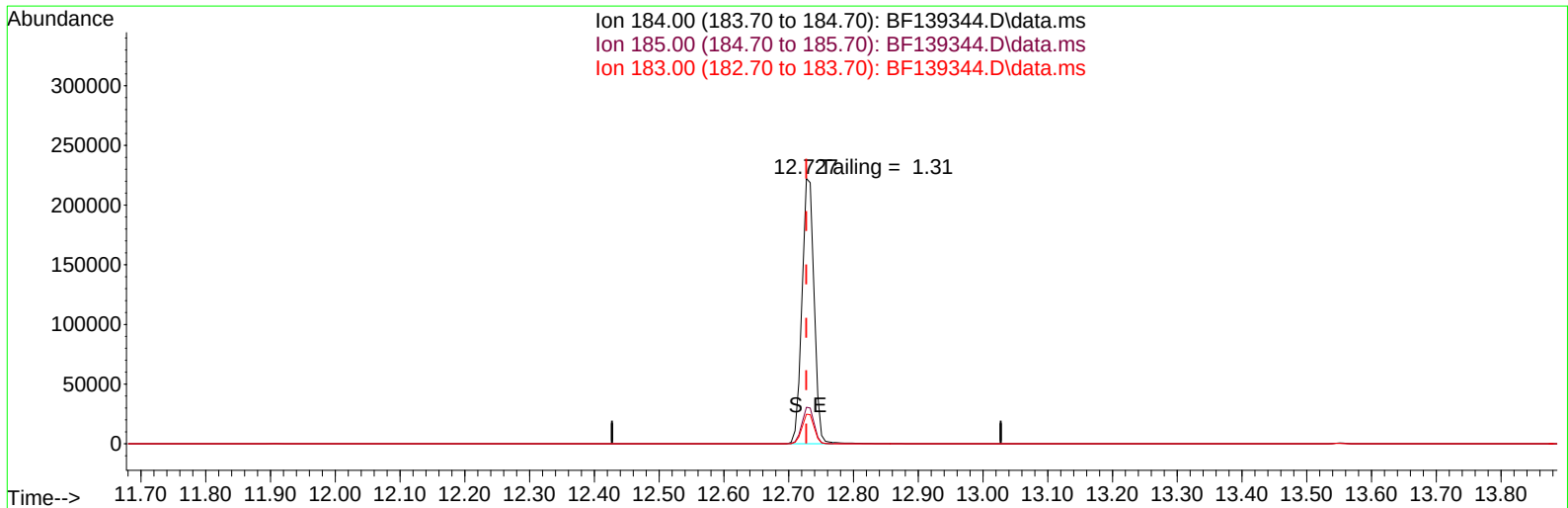
response 71487

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.90	61.78
264.00	64.20	62.58
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
Data File : BF139344.D
Acq On : 13 Sep 2024 14:04
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Sep 14 03:25:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration



TIC: BF139344.D\data.ms

(77) Benzidine

12.727min (-0.000) 0.00 ng

response 292142

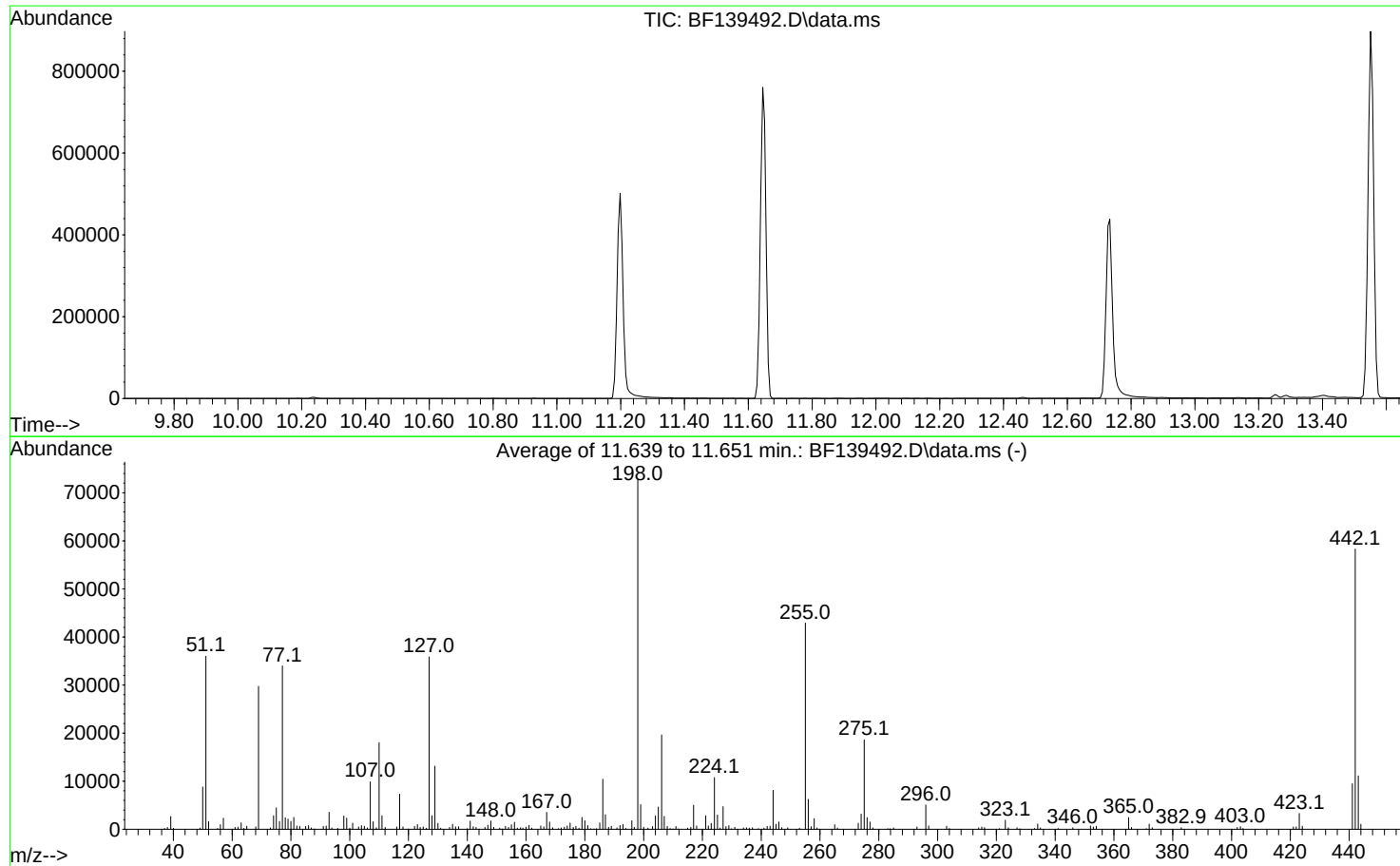
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	13.80
183.00	11.10	11.14
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139492.D
Acq On : 20 Sep 2024 09:13
Operator : RC/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-BF091324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Sat Sep 14 02:58:23 2024



AutoFind: Scans 1623, 1624, 1625; Background Corrected with Scan 1617

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	49.5	36000	PASS
68	69	0.00	2	1.7	497	PASS
69	198	0.00	100	40.9	29744	PASS
70	69	0.00	2	0.0	0	PASS
127	198	10	80	49.3	35861	PASS
197	198	0.00	2	0.6	407	PASS
198	198	100	100	100.0	72741	PASS
199	198	5	9	7.1	5134	PASS
275	198	10	60	25.6	18621	PASS
365	198	1	100	3.4	2450	PASS
441	198	0.01	100	13.0	9490	PASS
442	442	50	100	100.0	58267	PASS
443	442	15	24	19.1	11107	PASS

DDT Breakdown

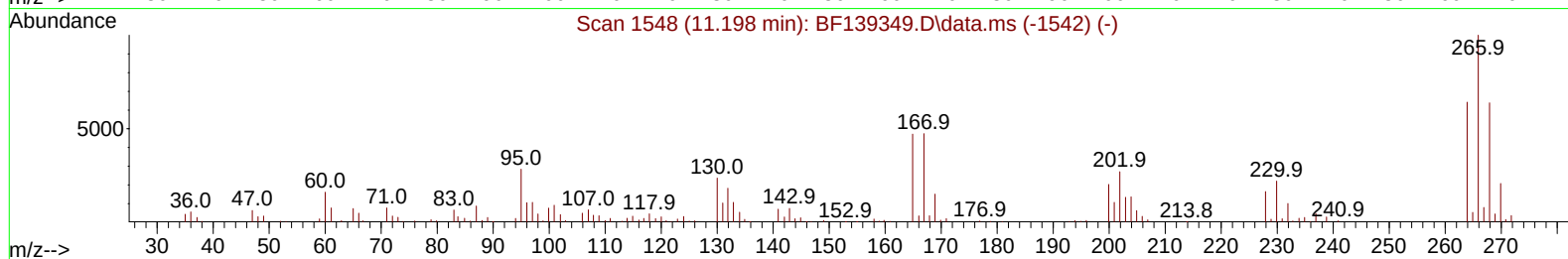
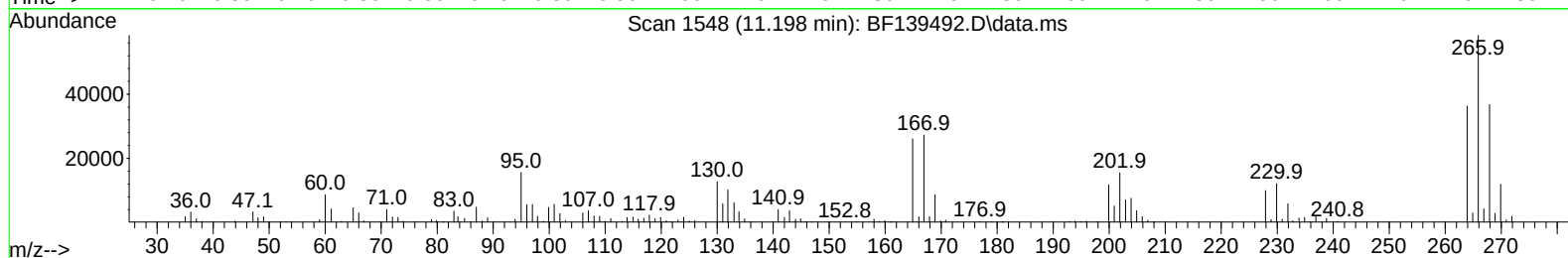
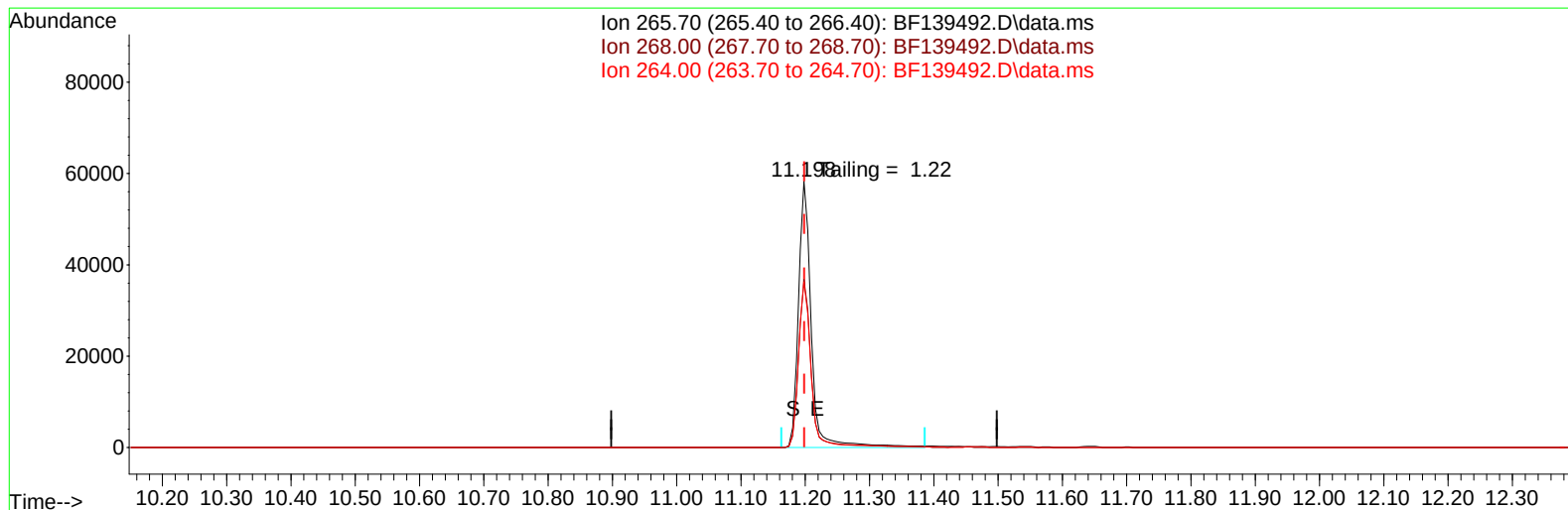
Date	Instrument Name	DFTPP Data File
9/20/2024	BNA_F	<u>BF139492.D</u>
Compound Name	Response	Retention Time
DDT	217300	13.551
DDD	4913	13.251
DDE	121	12.916
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
5034	222334	2.26

Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139492.D
Acq On : 20 Sep 2024 09:13
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Sep 20 11:15:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration



TIC: BF139492.D\data.ms

(70) Pentachlorophenol (C)

11.198min (-0.000) 23398.77 ng

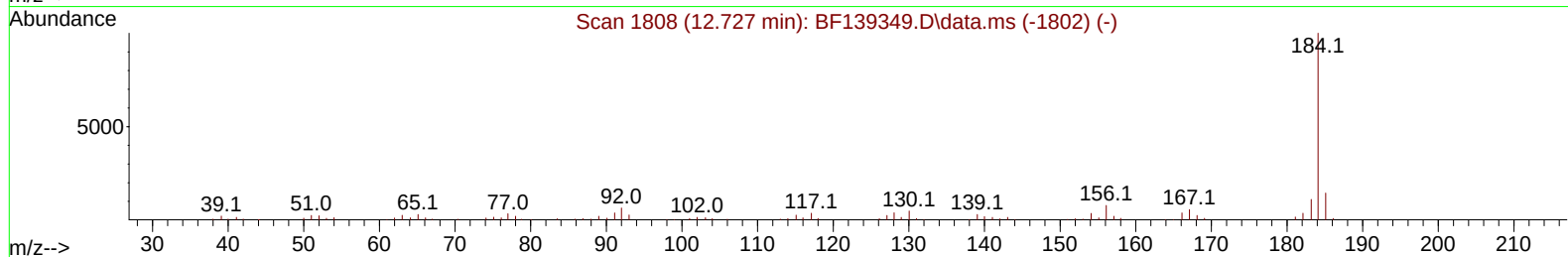
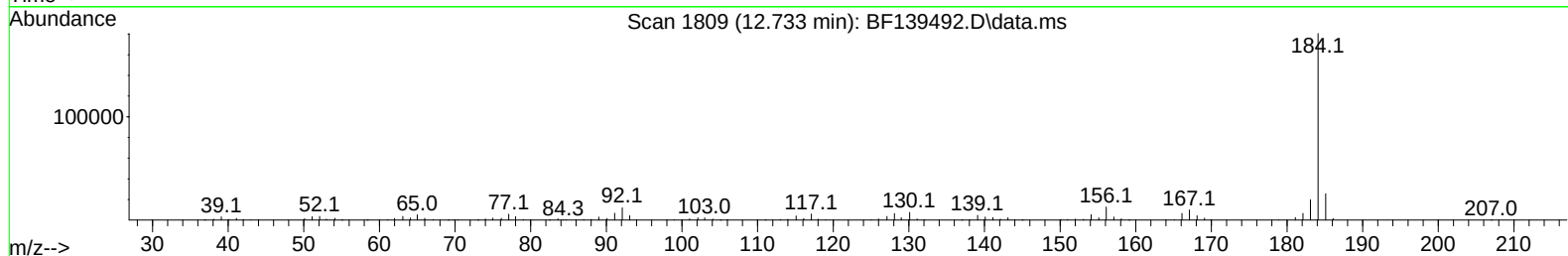
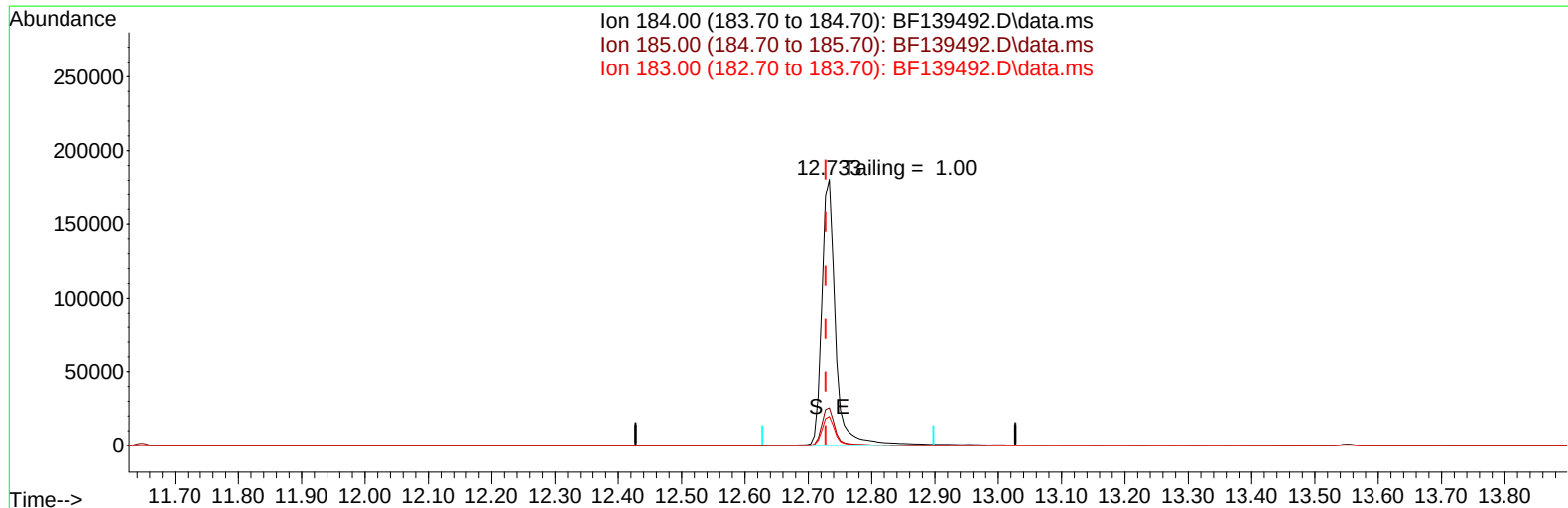
response 81483

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.90	63.11
264.00	64.20	62.20
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139492.D
Acq On : 20 Sep 2024 09:13
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Sep 20 11:15:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration



TIC: BF139492.D\data.ms

(77) Benzidine

12.733min (+ 0.006) 0.00 ng

response 273652

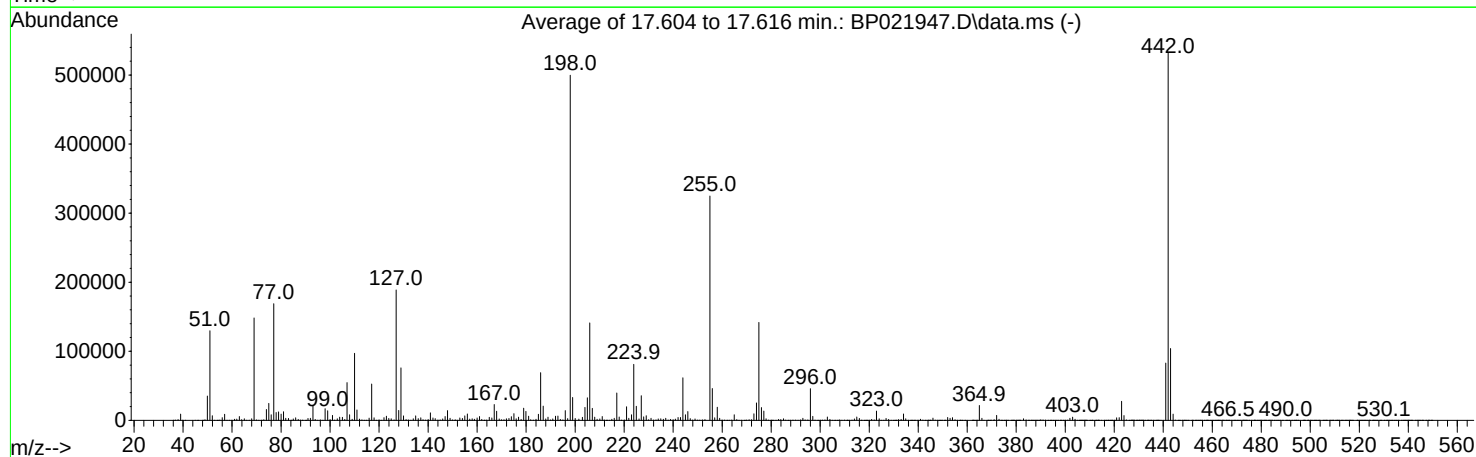
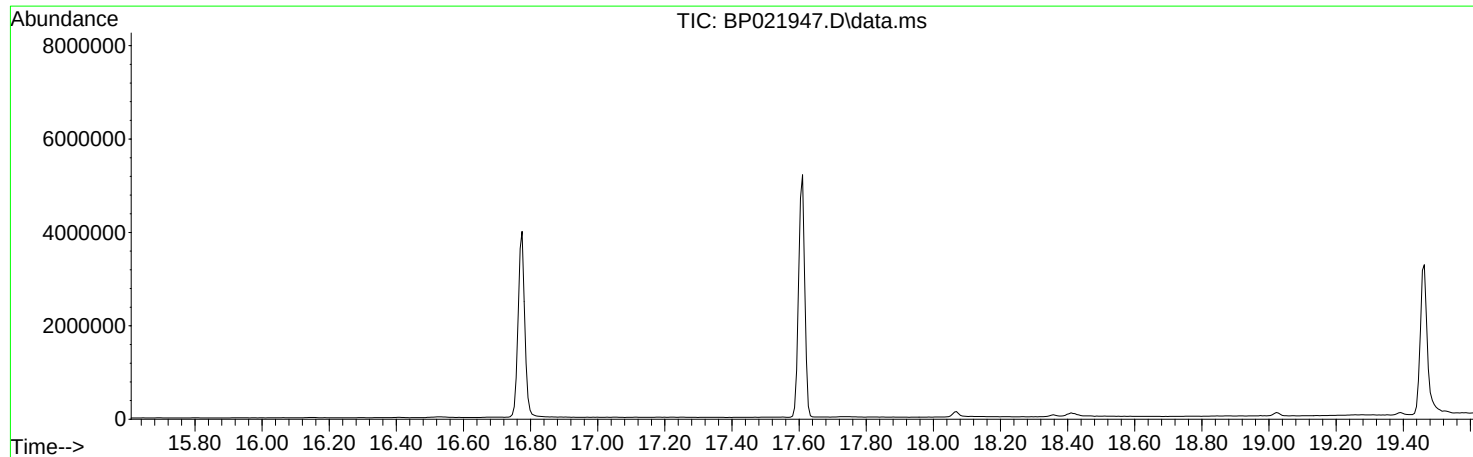
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.17
183.00	11.10	10.95
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091924\
Data File : BP021947.D
Acq On : 19 Sep 2024 12:14
Operator : RC/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-BP091924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Sep 20 01:22:00 2024



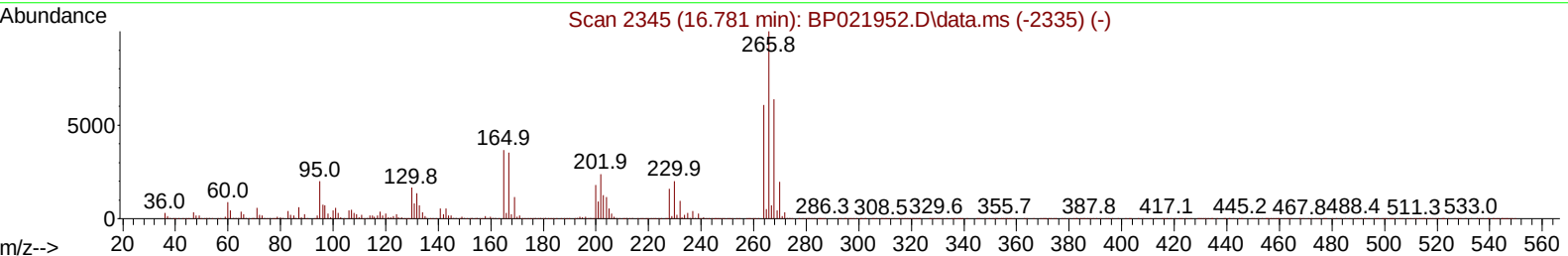
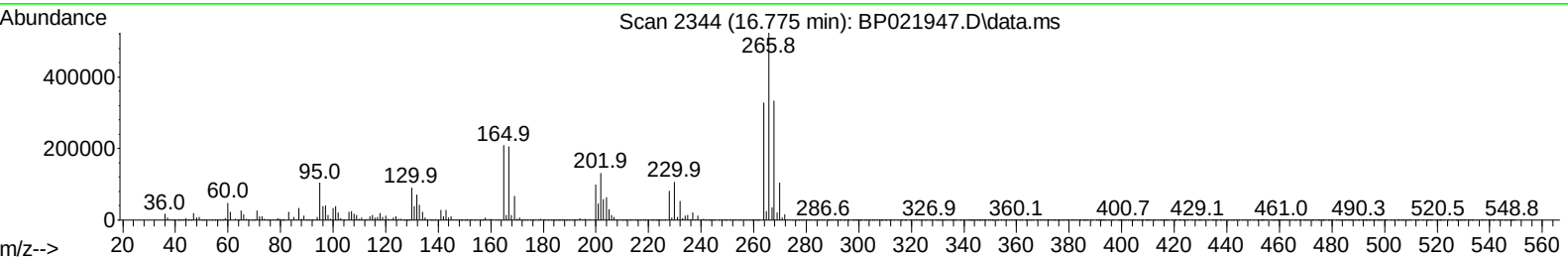
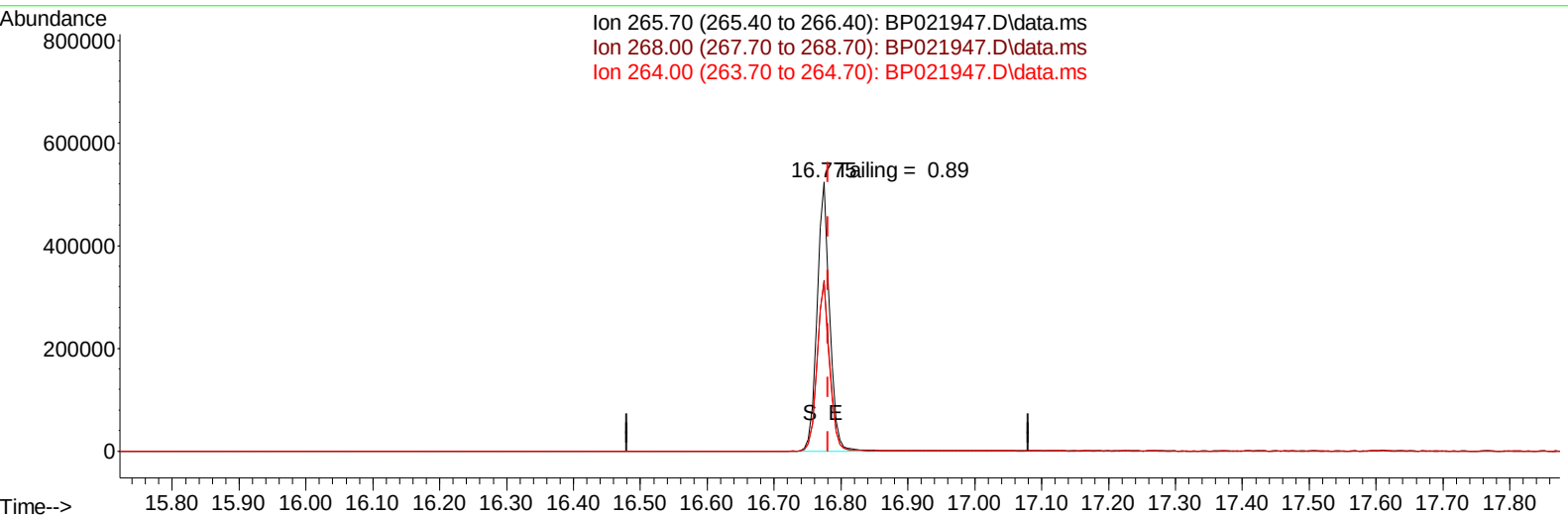
AutoFind: Scans 2485, 2486, 2487; Background Corrected with Scan 2477

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	26.0	129781	PASS
68	69	0.00	2	1.5	2241	PASS
69	198	0.00	100	29.7	148288	PASS
70	69	0.00	2	0.5	778	PASS
127	198	10	80	37.8	188904	PASS
197	198	0.00	2	0.5	2594	PASS
198	198	100	100	100.0	499781	PASS
199	198	5	9	6.6	33181	PASS
275	198	10	60	28.4	141738	PASS
365	198	1	100	4.3	21531	PASS
441	198	0.01	100	16.6	82873	PASS
442	442	100	100	100.0	532585	PASS
443	442	15	24	19.5	104076	PASS

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091924\  
Data File : BP021947.D  
Acq On    : 19 Sep 2024  12:14  
Operator  : RC/JU  
Sample    : DFTPP  
Misc      :  
ALS Vial  : 1      Sample Multiplier: 1
```

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Sep 20 01:31:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 01:22:00 2024
Response via : Initial Calibration



TIC: BP021947.D\data.ms

(70) Pentachlorophenol (C)

16.775min (-0.006) 135335.85 ng

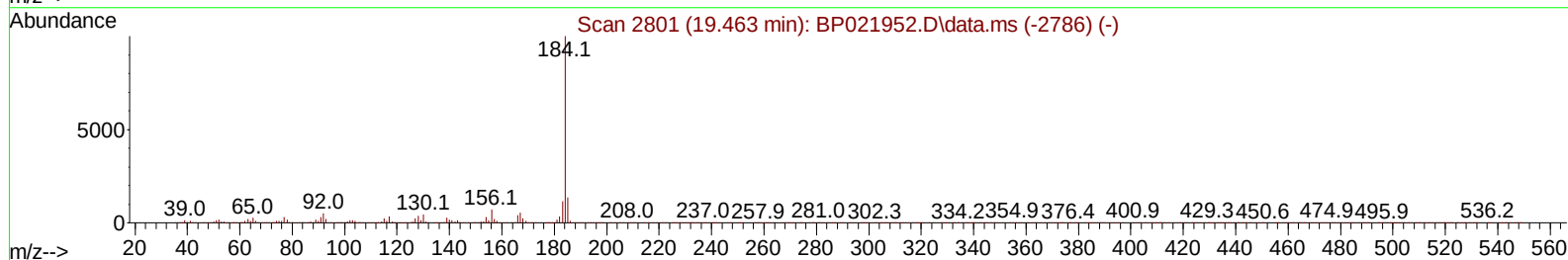
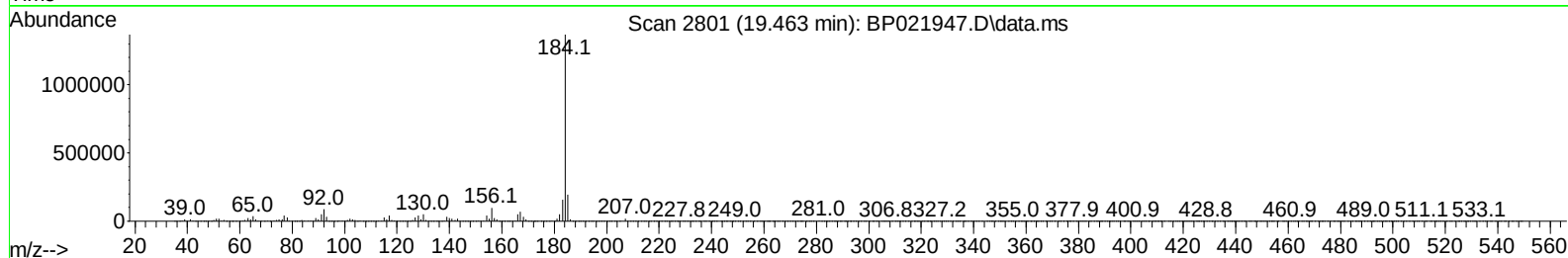
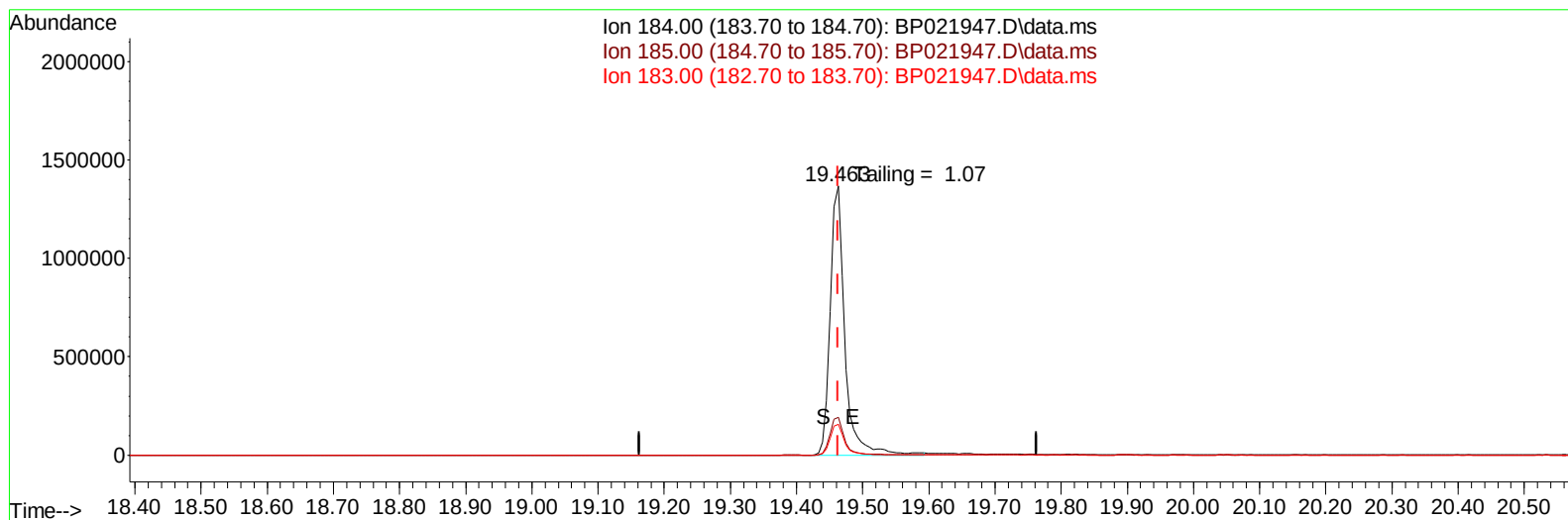
response **685480**

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.90	63.64
264.00	60.70	62.67
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091924\
Data File : BP021947.D
Acq On : 19 Sep 2024 12:14
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Sep 20 01:31:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 01:22:00 2024
Response via : Initial Calibration



TIC: BP021947.D\data.ms

(77) Benzidine**19.463min (+ 0.000) 196747.95 ng****response 2060533**

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	13.60	14.10
183.00	11.50	11.40
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
9/19/2024	BNA_P	<u>BP021947.D</u>
Compound Name	Response	Retention Time
DDT	1974757	20.757
DDD	25179	20.351
DDE	733	19.763
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
25912	2000669	1.30

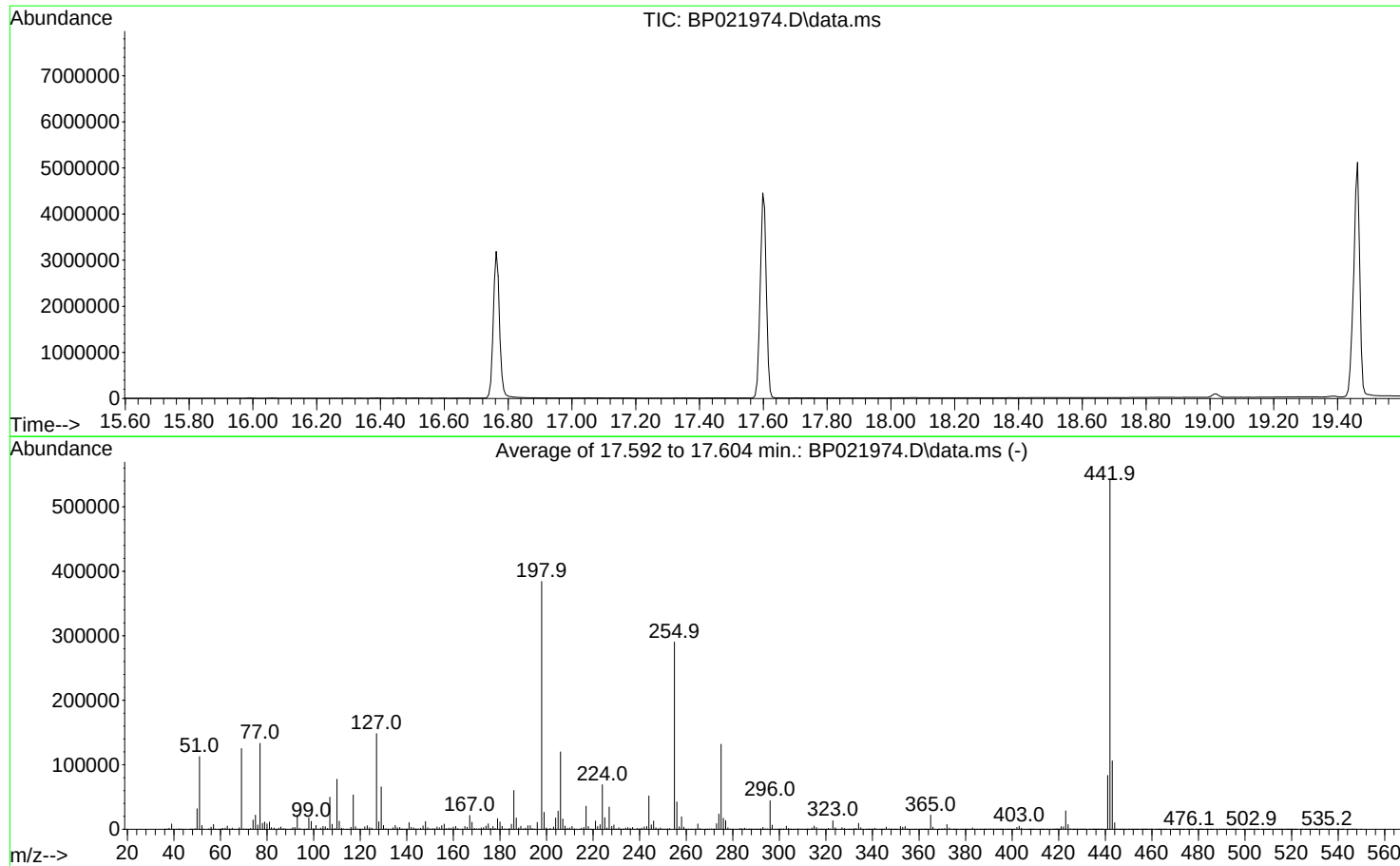
Instrument :
BNA_P
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092324\
Data File : BP021974.D
Acq On : 23 Sep 2024 08:59
Operator : RC/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-BP091924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Sep 20 01:22:00 2024



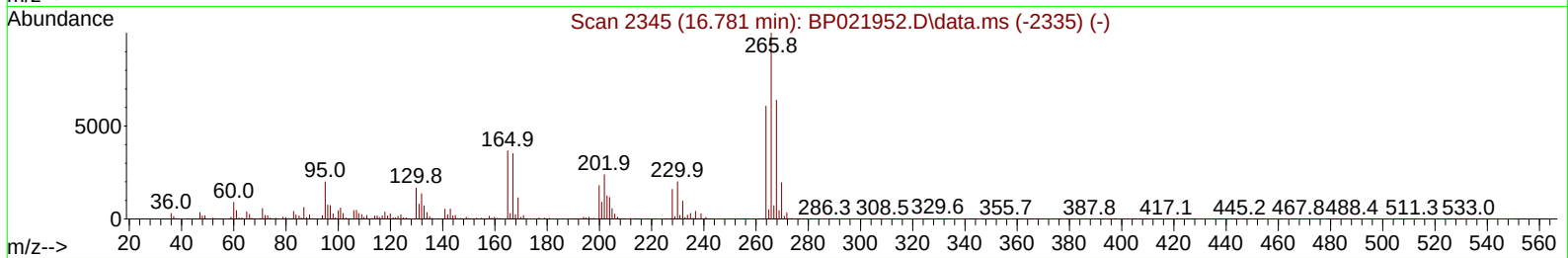
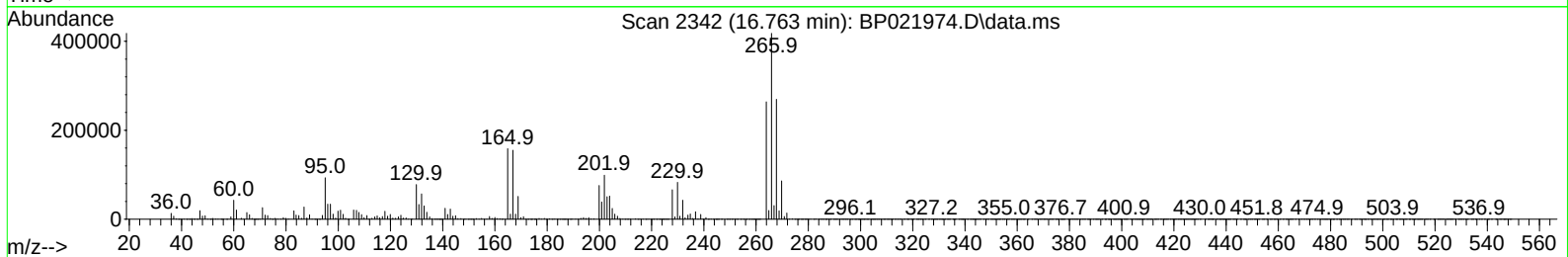
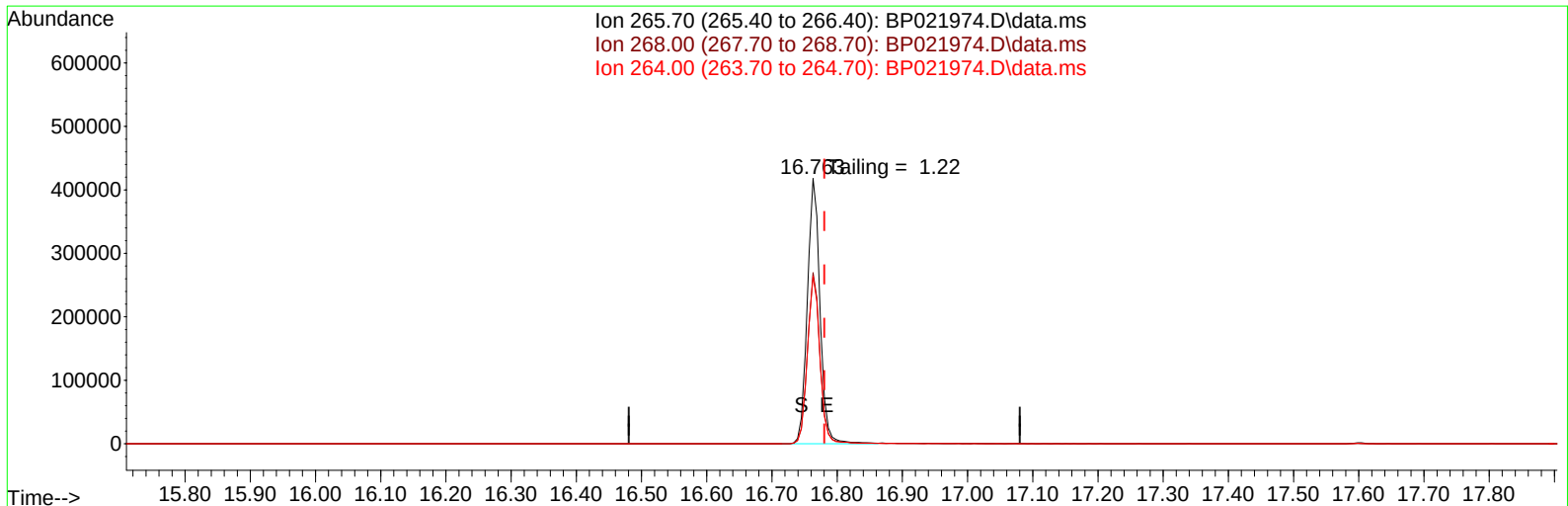
AutoFind: Scans 2483, 2484, 2485; Background Corrected with Scan 2473

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	29.3	112614	PASS
68	69	0.00	2	2.0	2463	PASS
69	198	0.00	100	32.6	125219	PASS
70	69	0.00	2	0.5	627	PASS
127	198	10	80	38.6	148336	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	384233	PASS
199	198	5	9	6.8	26091	PASS
275	198	10	60	34.3	131914	PASS
365	198	1	100	5.7	21848	PASS
441	198	0.01	100	21.8	83574	PASS
442	442	100	100	100.0	542142	PASS
443	442	15	24	19.6	106256	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092324\
Data File : BP021974.D
Acq On : 23 Sep 2024 08:59
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Sep 23 12:55:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 01:22:00 2024
Response via : Initial Calibration



TIC: BP021974.D\data.ms

(70) Pentachlorophenol (C)

16.763min (-0.018) 5779292.50 ng

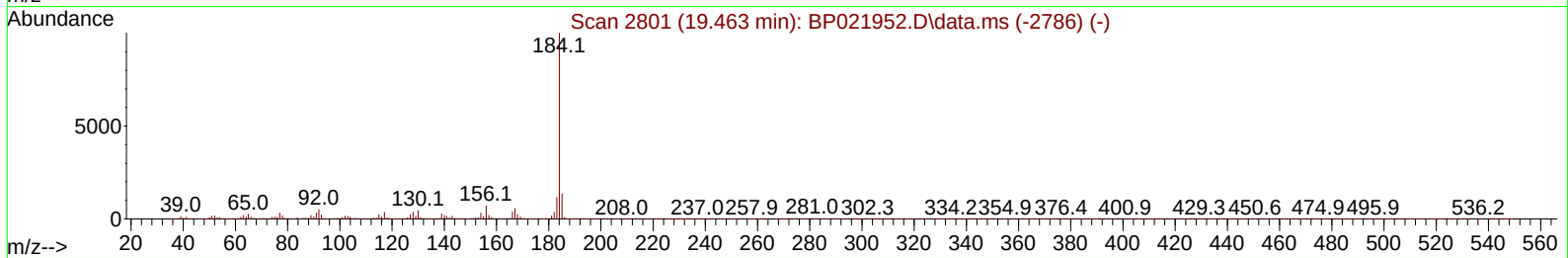
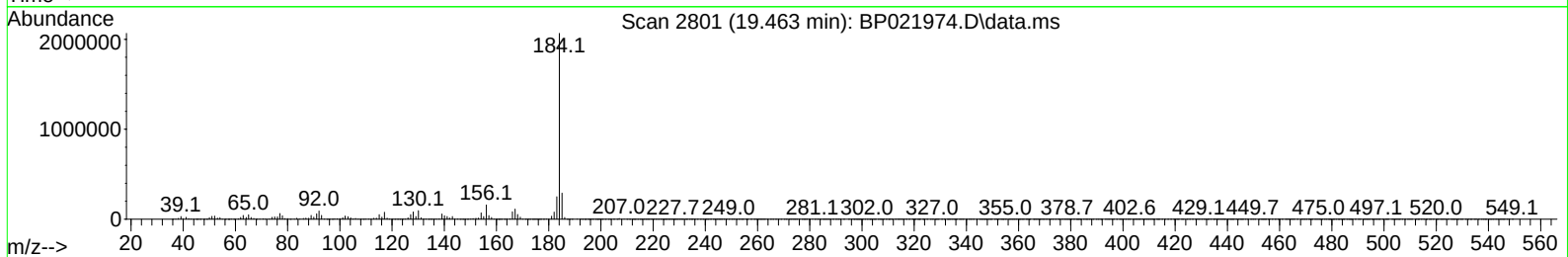
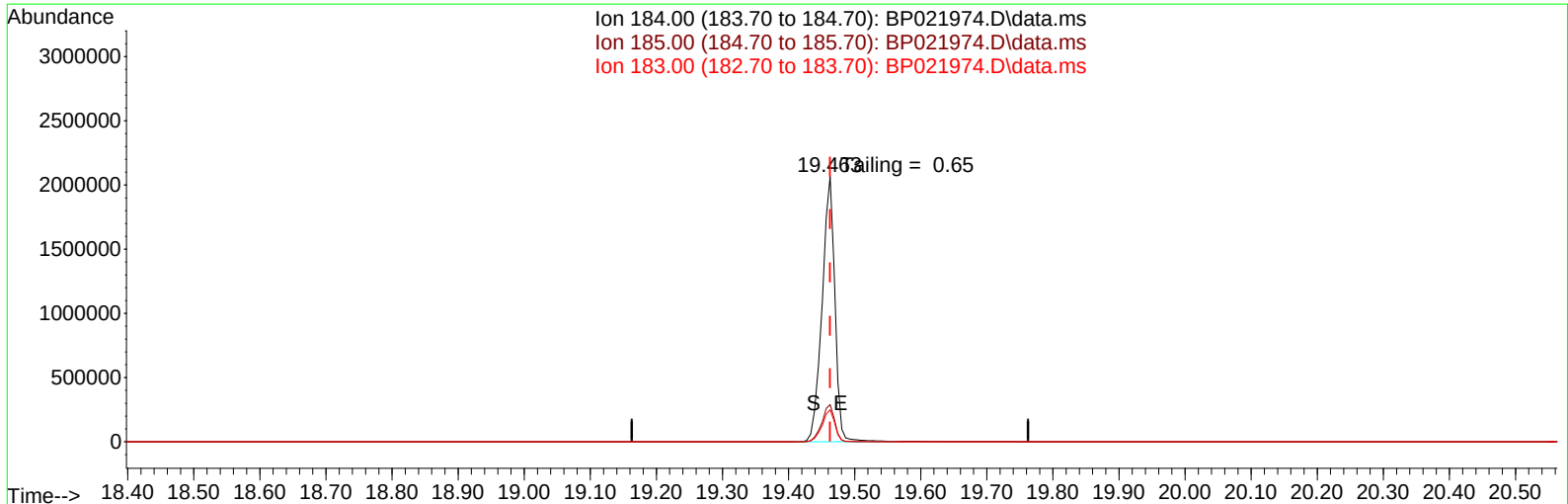
response 565102

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.90	64.50
264.00	60.70	63.17
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092324\
Data File : BP021974.D
Acq On : 23 Sep 2024 08:59
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Sep 23 12:55:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 01:22:00 2024
Response via : Initial Calibration



TIC: BP021974.D\data.ms

(77) Benzidine**19.463min (+ 0.000) 13419701.31 ng****response 2787920**

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	13.60	14.05
183.00	11.50	12.08
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
9/23/2024	BNA_P	<u>BP021974.D</u>
Compound Name	Response	Retention Time
DDT	1790325	20.745
DDD	21049	20.339
DDE	1159	19.751
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
22208	1812533	1.23

Instrument :
BNA_P
ClientSampleId :
DFTPP

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	North Point	Date Received:	
Client Sample ID:	PB163571BL	SDG No.:	P4103
Lab Sample ID:	PB163571BL	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021983.D	1	09/20/24 11:30	09/23/24 15:28	PB163571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	1.60	U	1.60	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.84	U	0.84	5.00	ug/L
95-48-7	2-Methylphenol	1.10	U	1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	1.20	U	1.20	10.0	ug/L
67-72-1	Hexachloroethane	1.00	U	1.00	5.00	ug/L
98-95-3	Nitrobenzene	1.30	U	1.30	5.00	ug/L
87-68-3	Hexachlorobutadiene	1.30	U	1.30	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	1.00	U	1.00	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.50	U	1.50	5.00	ug/L
118-74-1	Hexachlorobenzene	1.10	U	1.10	5.00	ug/L
87-86-5	Pentachlorophenol	1.90	U	1.90	10.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	139		15 (10) - 110 (139)	93%	SPK: 150
13127-88-3	Phenol-d6	129		15 (10) - 110 (134)	86%	SPK: 150
4165-60-0	Nitrobenzene-d5	91.7		30 (49) - 130 (133)	92%	SPK: 100
321-60-8	2-Fluorobiphenyl	96.3		30 (52) - 130 (132)	96%	SPK: 100
118-79-6	2,4,6-Tribromophenol	157		15 (44) - 110 (137)	105%	SPK: 150
1718-51-0	Terphenyl-d14	101		30 (48) - 130 (125)	101%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	83800	7.669			
1146-65-2	Naphthalene-d8	288000	10.439			
15067-26-2	Acenaphthene-d10	180000	14.31			
1517-22-2	Phenanthrene-d10	445000	17.127			
1719-03-5	Chrysene-d12	556000	21.557			
1520-96-3	Perylene-d12	661000	24.856			

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	North Point	Date Received:	
Client Sample ID:	PB163571BL	SDG No.:	P4103
Lab Sample ID:	PB163571BL	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	TCLP BNA
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	1.0
		GPC Cleanup :	N
Prep Method :	SW3510C	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021983.D	1	09/20/24 11:30	09/23/24 15:28	PB163571

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\BP092324\
Data File : BP021983.D
Acq On : 23 Sep 2024 15:28
Operator : RC/JU
Sample : PB163571BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB163571BL

Quant Time: Sep 23 16:25:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 01:22:00 2024
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	83830	20.000	ng	-0.05
21) Naphthalene-d8	10.439	136	288413	20.000	ng	-0.04
39) Acenaphthene-d10	14.310	164	180364	20.000	ng	-0.02
64) Phenanthrene-d10	17.127	188	445041	20.000	ng	-0.01
76) Chrysene-d12	21.557	240	556101	20.000	ng	0.00
86) Perylene-d12	24.856	264	660809	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	620510	139.104	ng	-0.04
7) Phenol-d6	6.851	99	744883	128.630	ng	-0.05
23) Nitrobenzene-d5	8.810	82	499970	91.726	ng	-0.05
42) 2,4,6-Tribromophenol	15.833	330	525825	157.256	ng	-0.02
45) 2-Fluorobiphenyl	12.922	172	1189514	96.273	ng	-0.02
79) Terphenyl-d14	19.851	244	2997559	101.256	ng	0.00

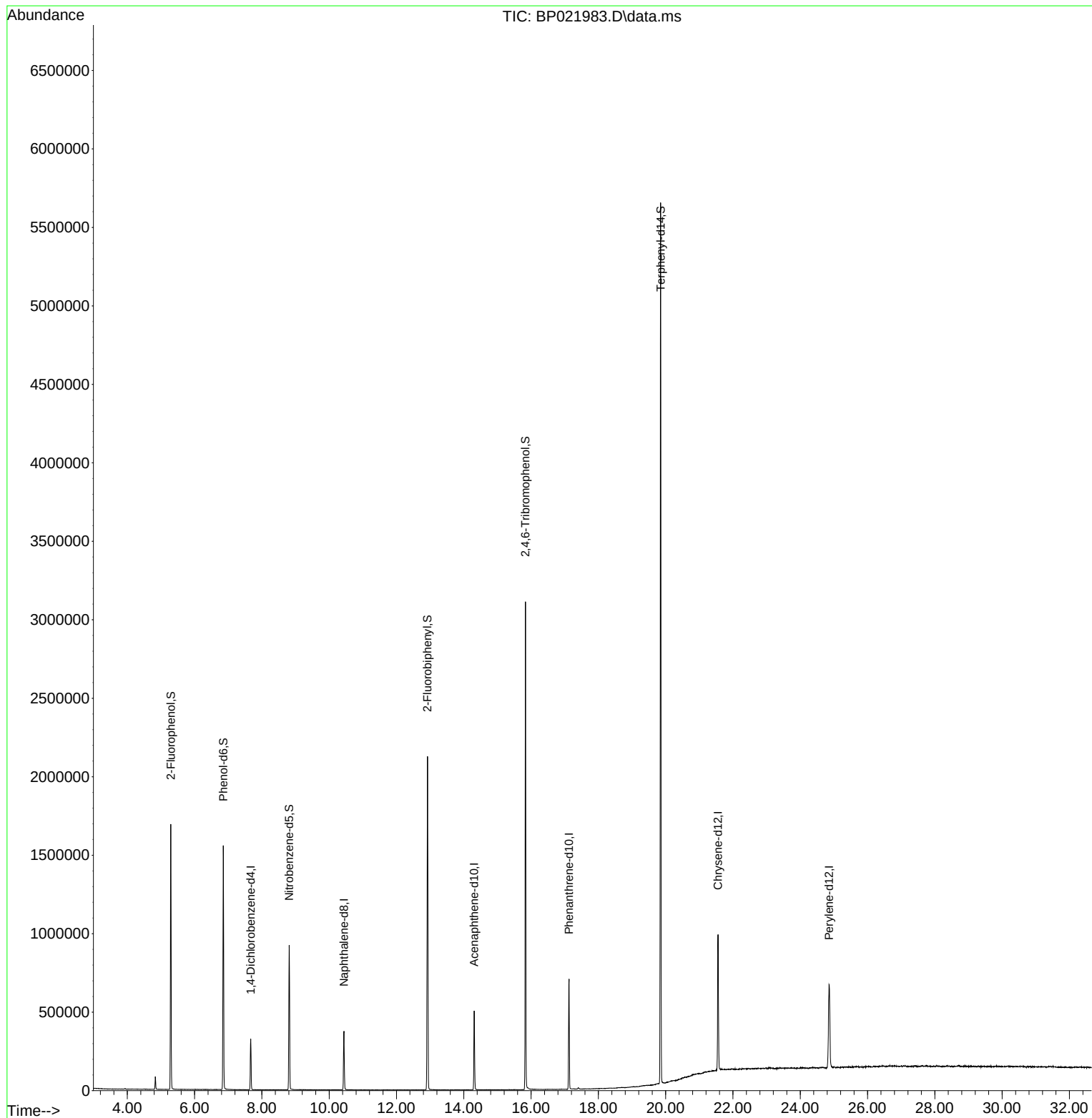
Target Compounds	Qvalue

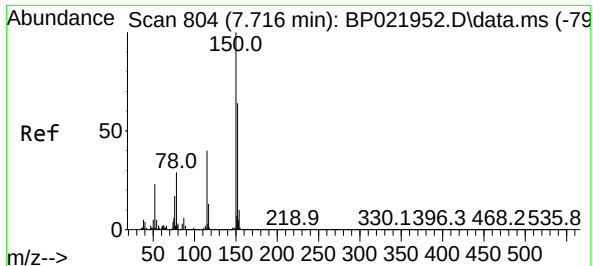
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092324\
Data File : BP021983.D
Acq On : 23 Sep 2024 15:28
Operator : RC/JU
Sample : PB163571BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB163571BL

Quant Time: Sep 23 16:25:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 01:22:00 2024
Response via : Initial Calibration

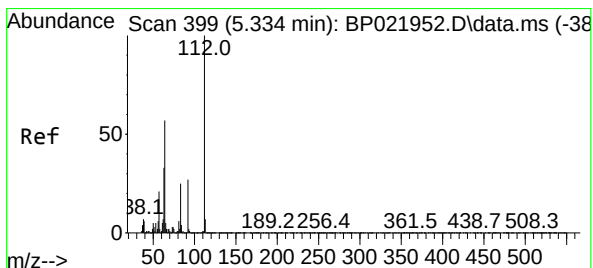
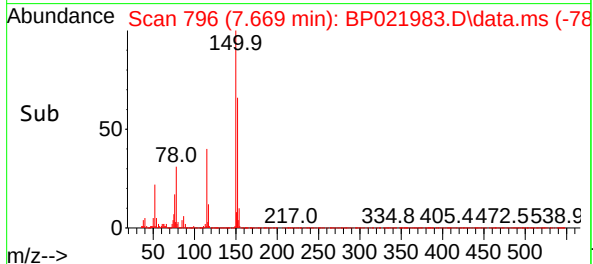
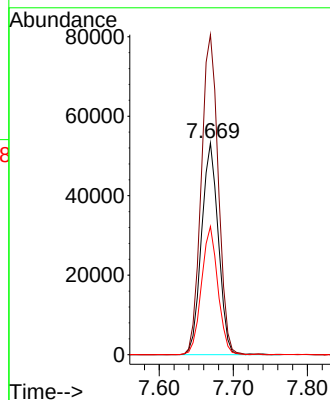
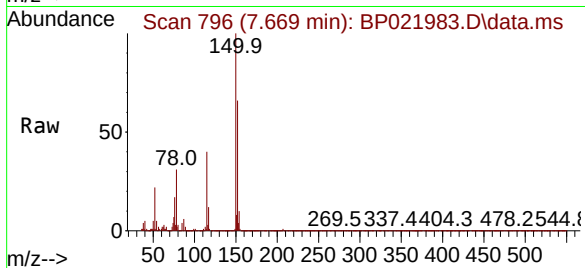




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.669 min Scan# 796
Delta R.T. -0.047 min
Lab File: BP021983.D
Acq: 23 Sep 2024 15:28

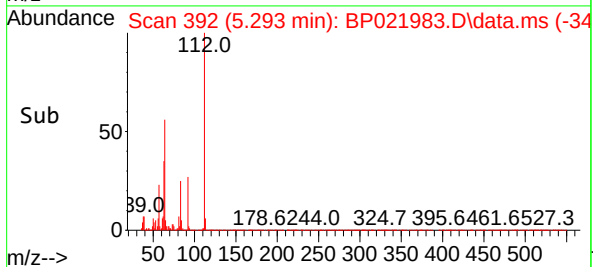
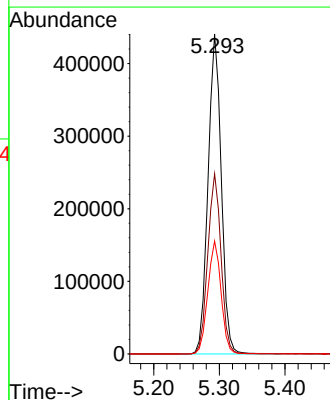
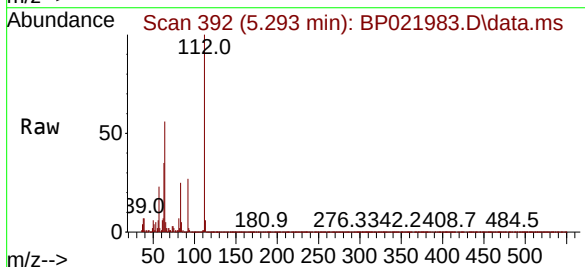
Instrument :
BNA_P
ClientSampleId :
PB163571BL

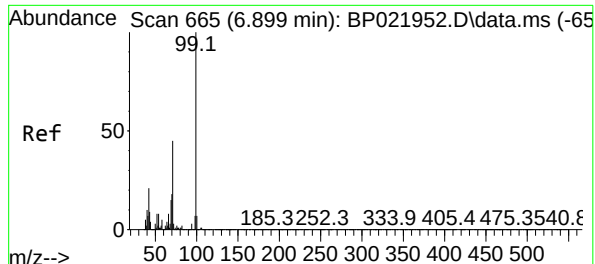
Tgt Ion:152 Resp: 83830
Ion Ratio Lower Upper
152 100
150 151.2 124.2 186.2
115 60.5 49.2 73.8



#5
2-Fluorophenol
Concen: 139.104 ng
RT: 5.293 min Scan# 392
Delta R.T. -0.041 min
Lab File: BP021983.D
Acq: 23 Sep 2024 15:28

Tgt Ion:112 Resp: 620510
Ion Ratio Lower Upper
112 100
64 56.3 45.4 68.0
63 35.3 26.6 39.8

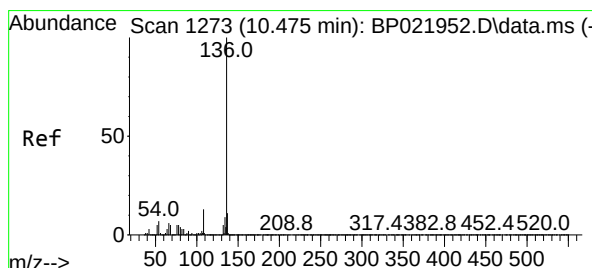
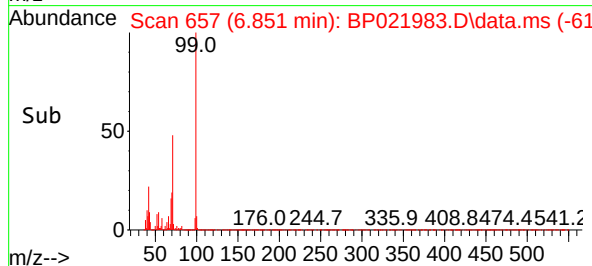
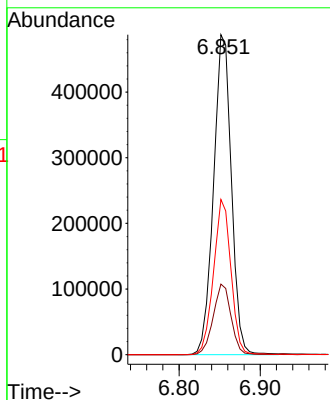
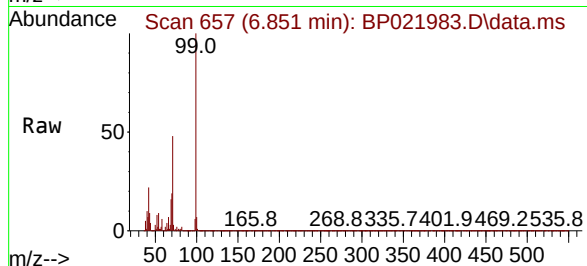




#7
Phenol-d6
Concen: 128.630 ng
RT: 6.851 min Scan# 61
Delta R.T. -0.047 min
Lab File: BP021983.D
Acq: 23 Sep 2024 15:28

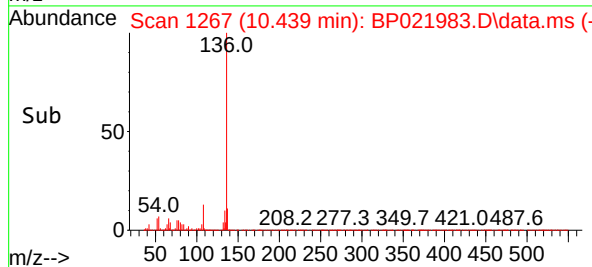
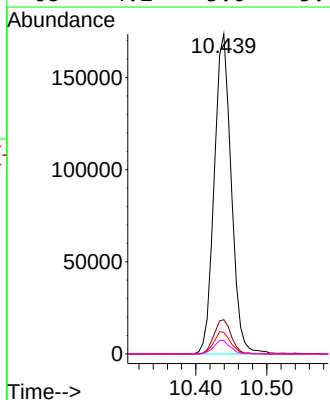
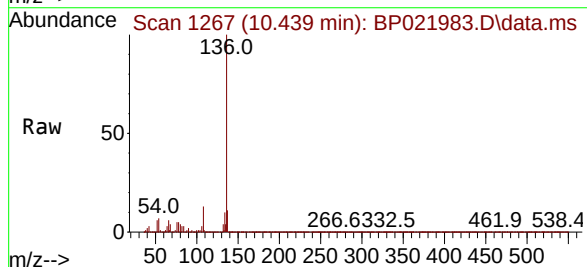
Instrument :
BNA_P
ClientSampleId :
PB163571BL

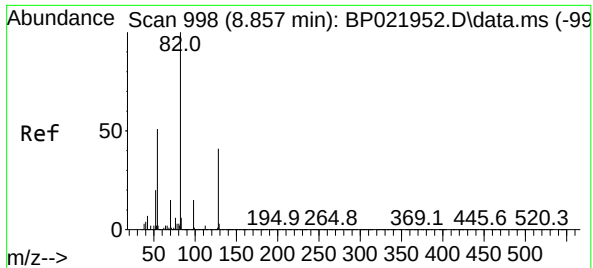
Tgt Ion: 99 Resp: 744883
Ion Ratio Lower Upper
99 100
42 22.1 16.8 25.2
71 48.5 35.8 53.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.439 min Scan# 1267
Delta R.T. -0.035 min
Lab File: BP021983.D
Acq: 23 Sep 2024 15:28

Tgt Ion: 136 Resp: 288413
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.8 5.5 8.3
68 4.2 3.6 5.4





#23

Nitrobenzene-d5

Concen: 91.726 ng

RT: 8.810 min Scan# 99

Delta R.T. -0.047 min

Lab File: BP021983.D

Acq: 23 Sep 2024 15:28

Instrument :

BNA_P

ClientSampleId :

PB163571BL

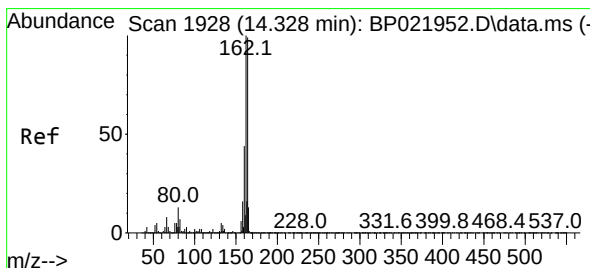
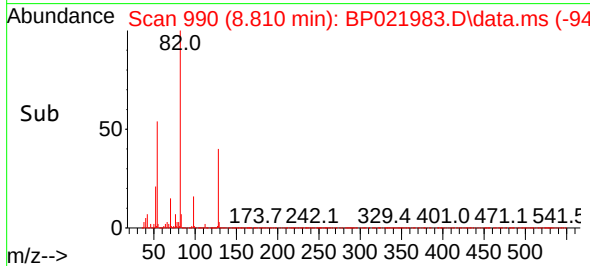
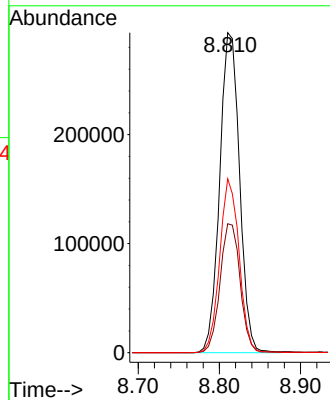
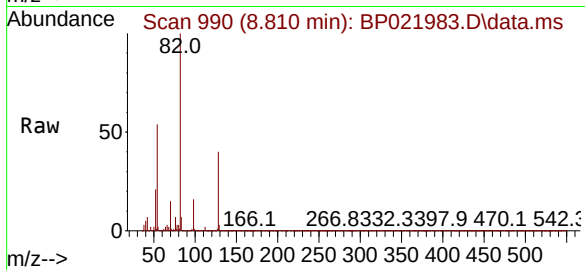
Tgt Ion: 82 Resp: 499970

Ion Ratio Lower Upper

82 100

128 40.3 33.1 49.7

54 54.3 40.3 60.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.310 min Scan# 1925

Delta R.T. -0.018 min

Lab File: BP021983.D

Acq: 23 Sep 2024 15:28

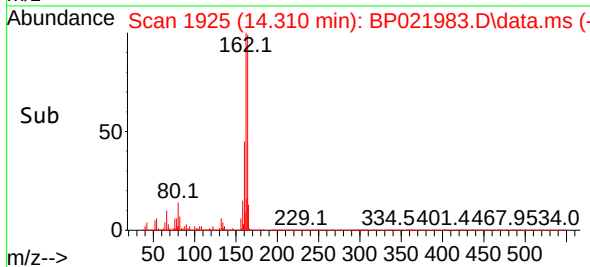
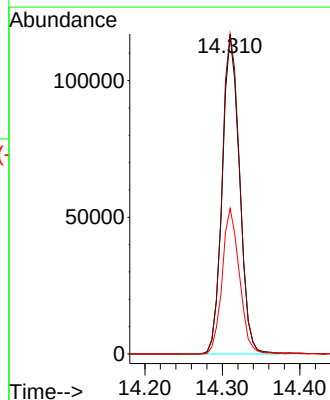
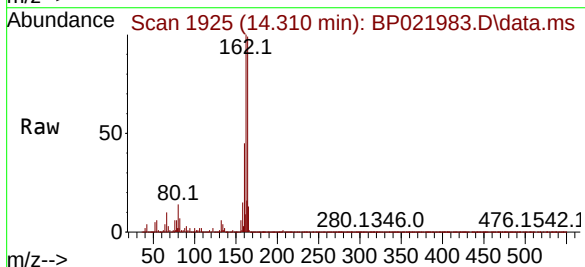
Tgt Ion:164 Resp: 180364

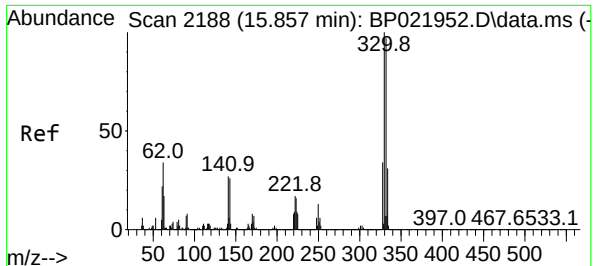
Ion Ratio Lower Upper

164 100

162 100.6 81.2 121.8

160 45.7 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 157.256 ng

RT: 15.833 min Scan# 2188

Delta R.T. -0.024 min

Lab File: BP021983.D

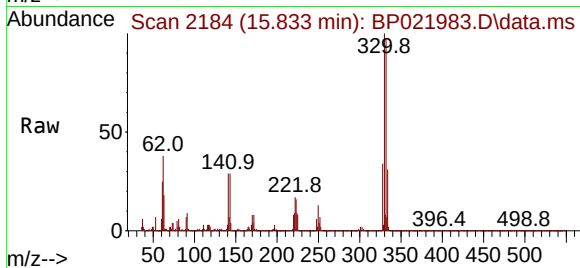
Acq: 23 Sep 2024 15:28

Instrument :

BNA_P

ClientSampleId :

PB163571BL



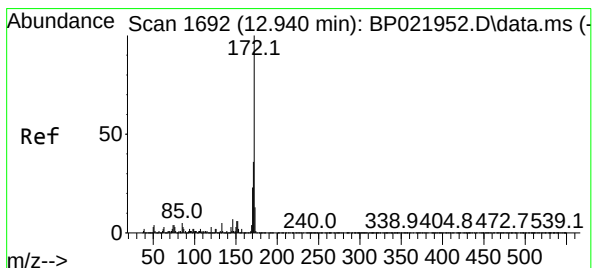
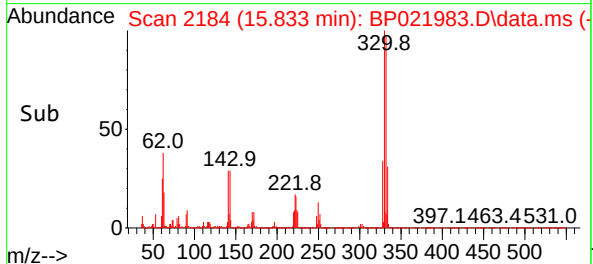
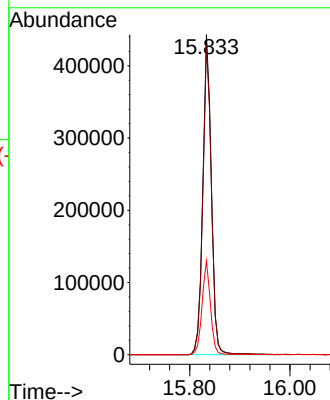
Tgt Ion:330 Resp: 525825

Ion Ratio Lower Upper

330 100

332 97.1 77.5 116.3

141 28.7 23.4 35.0



#45

2-Fluorobiphenyl

Concen: 96.273 ng

RT: 12.922 min Scan# 1689

Delta R.T. -0.018 min

Lab File: BP021983.D

Acq: 23 Sep 2024 15:28

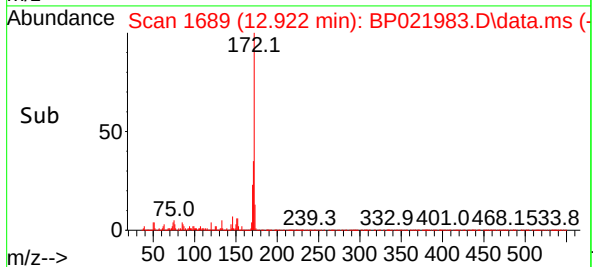
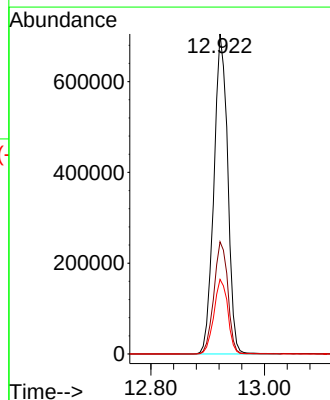
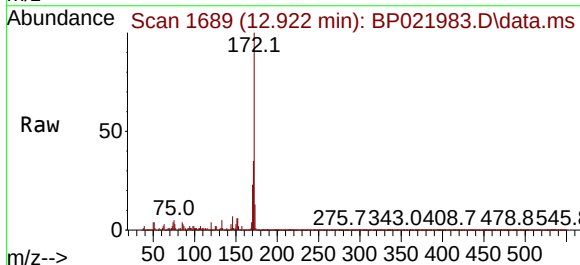
Tgt Ion:172 Resp: 1189514

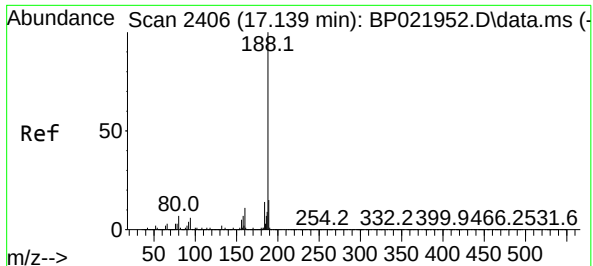
Ion Ratio Lower Upper

172 100

171 35.1 28.6 43.0

170 23.3 18.8 28.2

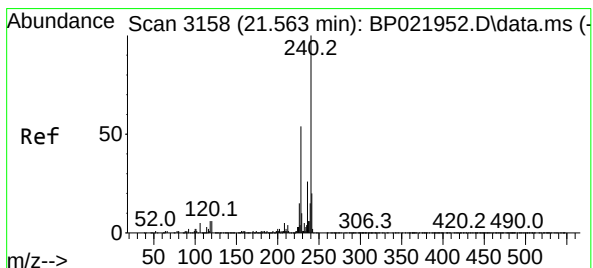
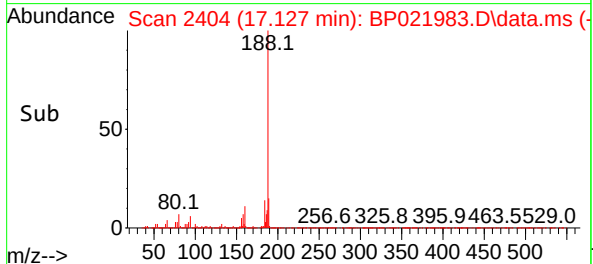
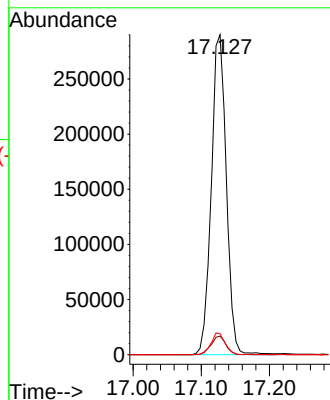
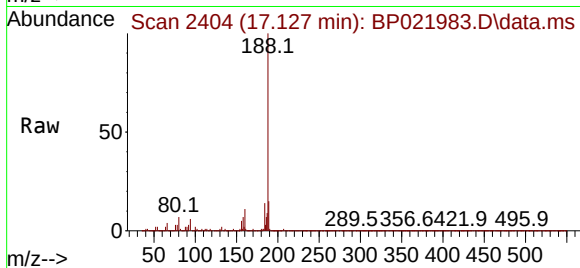




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.127 min Scan# 2404
Delta R.T. -0.012 min
Lab File: BP021983.D
Acq: 23 Sep 2024 15:28

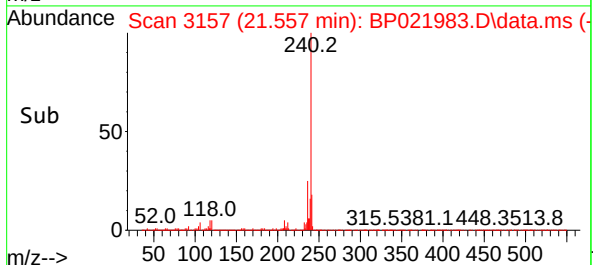
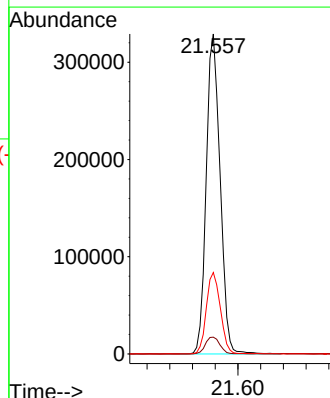
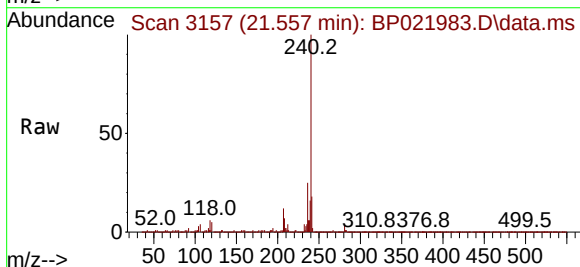
Instrument :
BNA_P
ClientSampleId :
PB163571BL

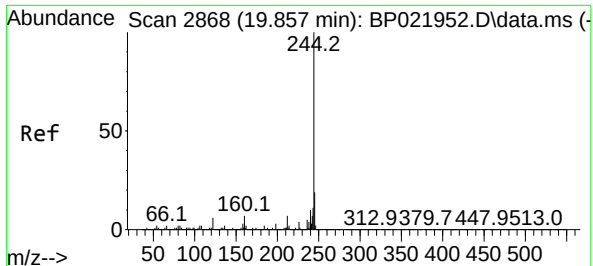
Tgt Ion:188 Resp: 445041
Ion Ratio Lower Upper
188 100
94 5.8 4.6 6.8
80 6.6 5.4 8.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.557 min Scan# 3157
Delta R.T. -0.006 min
Lab File: BP021983.D
Acq: 23 Sep 2024 15:28

Tgt Ion:240 Resp: 556101
Ion Ratio Lower Upper
240 100
120 5.2 5.1 7.7
236 25.4 20.7 31.1

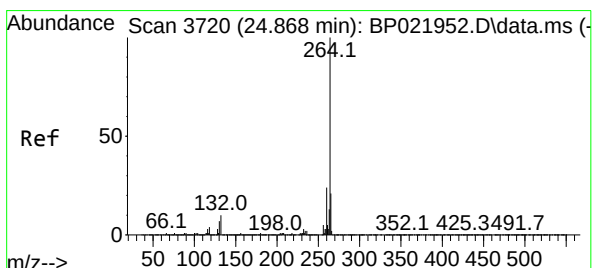
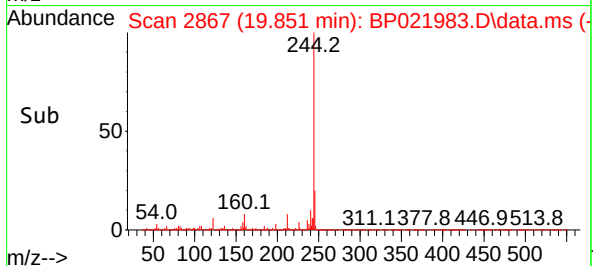
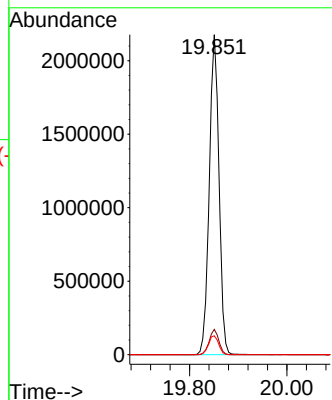
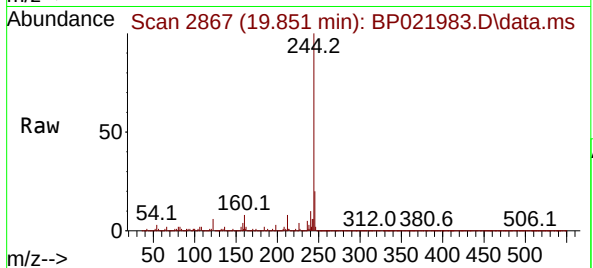




#79
 Terphenyl-d14
 Concen: 101.256 ng
 RT: 19.851 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP021983.D
 Acq: 23 Sep 2024 15:28

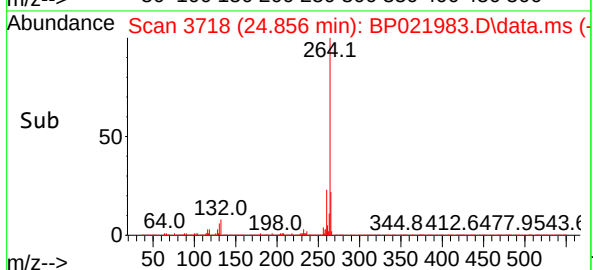
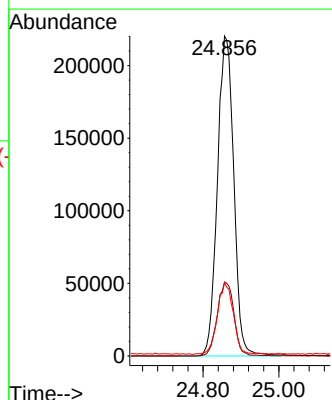
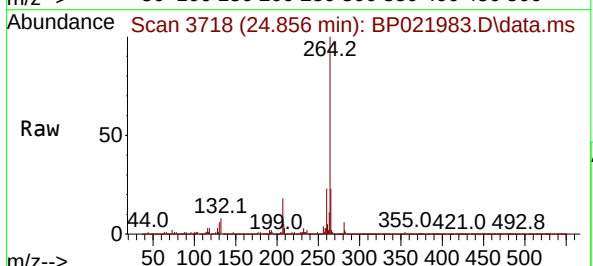
Instrument :
 BNA_P
 ClientSampleId :
 PB163571BL

Tgt Ion:244 Resp: 2997559
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.0 9.0
 122 5.9 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.856 min Scan# 3718
 Delta R.T. -0.012 min
 Lab File: BP021983.D
 Acq: 23 Sep 2024 15:28

Tgt Ion:264 Resp: 660809
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.9 28.3
 265 22.8 17.5 26.3



Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	North Point	Date Received:	
Client Sample ID:	PB163571BS	SDG No.:	P4103
Lab Sample ID:	PB163571BS	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021984.D	1	09/20/24 11:30	09/23/24 16:09	PB163571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	31.2		1.60	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	38.9		0.84	5.00	ug/L
95-48-7	2-Methylphenol	44.2		1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	43.4		1.20	10.0	ug/L
67-72-1	Hexachloroethane	41.8		1.00	5.00	ug/L
98-95-3	Nitrobenzene	38.2		1.30	5.00	ug/L
87-68-3	Hexachlorobutadiene	39.6		1.30	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	40.7		0.89	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	39.3		1.00	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	41.4		1.50	5.00	ug/L
118-74-1	Hexachlorobenzene	39.5		1.10	5.00	ug/L
87-86-5	Pentachlorophenol	82.7	E	1.90	10.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	128		15 (10) - 110 (139)	85%	SPK: 150
13127-88-3	Phenol-d6	121		15 (10) - 110 (134)	81%	SPK: 150
4165-60-0	Nitrobenzene-d5	79.0		30 (49) - 130 (133)	79%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.0		30 (52) - 130 (132)	79%	SPK: 100
118-79-6	2,4,6-Tribromophenol	140		15 (44) - 110 (137)	93%	SPK: 150
1718-51-0	Terphenyl-d14	77.0		30 (48) - 130 (125)	77%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	75100	7.711			
1146-65-2	Naphthalene-d8	308000	10.475			
15067-26-2	Acenaphthene-d10	250000	14.322			
1517-22-2	Phenanthrene-d10	664000	17.122			
1719-03-5	Chrysene-d12	916000	21.551			
1520-96-3	Perylene-d12	1180000	24.851			

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	North Point	Date Received:	
Client Sample ID:	PB163571BS	SDG No.:	P4103
Lab Sample ID:	PB163571BS	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	TCLP BNA
	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	1.0	GPC Cleanup : N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021984.D	1	09/20/24 11:30	09/23/24 16:09	PB163571

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\BP092324\
 Data File : BP021984.D
 Acq On : 23 Sep 2024 16:09
 Operator : RC/JU
 Sample : PB163571BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB163571BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/25/2024
 Supervised By :mohammad ahmed 09/25/2024

Quant Time: Sep 23 16:34:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 01:22:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	75085	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	307864	20.000	ng	0.00
39) Acenaphthene-d10	14.322	164	250312	20.000	ng	0.00
64) Phenanthrene-d10	17.122	188	664200	20.000	ng	-0.02
76) Chrysene-d12	21.551	240	916192	20.000	ng	-0.01
86) Perylene-d12	24.851	264	1182765	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	511510	128.024	ng	0.00
7) Phenol-d6	6.899	99	627682	121.016	ng	0.00
23) Nitrobenzene-d5	8.852	82	459911	79.046	ng	0.00
42) 2,4,6-Tribromophenol	15.840	330	649253	139.910	ng	-0.02
45) 2-Fluorobiphenyl	12.934	172	1354501	78.992	ng	0.00
79) Terphenyl-d14	19.845	244	3755065	76.991	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.258	88	52464	31.623	ng	97
3) Pyridine	3.658	79	138110	31.213	ng	98
4) n-Nitrosodimethylamine	3.564	42	99856	42.781	ng	92
6) Aniline	7.046	93	188750	41.412	ng	99
8) 2-Chlorophenol	7.287	128	185549	43.431	ng	99
9) Benzaldehyde	6.864	77	29448	10.858	ng	98
10) Phenol	6.922	94	215011	41.737	ng	93
11) bis(2-Chloroethyl)ether	7.140	93	153107	39.455	ng	99
12) 1,3-Dichlorobenzene	7.605	146	209644	38.867	ng	99
13) 1,4-Dichlorobenzene	7.746	146	212730	38.890	ng	97
14) 1,2-Dichlorobenzene	8.058	146	202727	38.613	ng	98
15) Benzyl Alcohol	7.952	79	182471	45.872	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.228	45	174424	42.142	ng	98
17) 2-Methylphenol	8.152	107	153774	44.186	ng	98
18) Hexachloroethane	8.781	117	84001	41.763	ng	99
19) n-Nitroso-di-n-propyla...	8.505	70	137239	42.570	ng	93
20) 3+4-Methylphenols	8.475	107	213002	43.356	ng	98
22) Acetophenone	8.522	105	284419	37.872	ng	# 95
24) Nitrobenzene	8.893	77	225798	38.216	ng	99
25) Isophorone	9.416	82	367503	38.312	ng	99
26) 2-Nitrophenol	9.593	139	103489	40.058	ng	97
27) 2,4-Dimethylphenol	9.658	122	156461	52.303	ng	98
28) bis(2-Chloroethoxy)met...	9.887	93	226757	39.426	ng	98
29) 2,4-Dichlorophenol	10.122	162	221709	43.665	ng	99
30) 1,2,4-Trichlorobenzene	10.340	180	236859	37.450	ng	98
31) Naphthalene	10.522	128	601628	39.164	ng	99
32) Benzoic acid	9.799	122	126615	36.204	ng	96
33) 4-Chloroaniline	10.628	127	144627	26.101	ng	96
34) Hexachlorobutadiene	10.810	225	195724	39.558	ng	97
35) Caprolactam	11.410	113	59404m	39.312	ng	
36) 4-Chloro-3-methylphenol	11.752	107	233544	42.872	ng	100
37) 2-Methylnaphthalene	12.134	142	470832	41.892	ng	97
38) 1-Methylnaphthalene	12.352	142	437124	39.392	ng	99
40) 1,2,4,5-Tetrachloroben...	12.504	216	333999	38.139	ng	# 98
41) Hexachlorocyclopentadiene	12.487	237	484297	148.836	ng	98
43) 2,4,6-Trichlorophenol	12.746	196	218676	40.682	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092324\
 Data File : BP021984.D
 Acq On : 23 Sep 2024 16:09
 Operator : RC/JU
 Sample : PB163571BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB163571BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/25/2024
 Supervised By :mohammad ahmed 09/25/2024

Quant Time: Sep 23 16:34:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 01:22:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.822	196	236760	39.265	ng	98
46) 1,1'-Biphenyl	13.151	154	654616	38.355	ng	100
47) 2-Chloronaphthalene	13.187	162	520071	37.686	ng	99
48) 2-Nitroaniline	13.393	65	161863	42.954	ng	97
49) Acenaphthylene	14.040	152	846755	43.483	ng	99
50) Dimethylphthalate	13.781	163	719163	39.613	ng	99
51) 2,6-Dinitrotoluene	13.893	165	153535	37.953	ng	95
52) Acenaphthene	14.387	154	523950	41.342	ng	99
53) 3-Nitroaniline	14.228	138	109748	30.440	ng	100
54) 2,4-Dinitrophenol	14.440	184	216085	91.166	ng	97
55) Dibenzofuran	14.728	168	902235	42.354	ng	100
56) 4-Nitrophenol	14.551	139	277437	88.408	ng	95
57) 2,4-Dinitrotoluene	14.687	165	236733	41.395	ng	100
58) Fluorene	15.387	166	756118	42.503	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.957	232	263919	45.351	ng	99
60) Diethylphthalate	15.163	149	787120	42.667	ng	99
61) 4-Chlorophenyl-phenyle...	15.387	204	432219	41.732	ng	99
62) 4-Nitroaniline	15.404	138	168902	42.604	ng	93
63) Azobenzene	15.681	77	698551	45.757	ng	98
65) 4,6-Dinitro-2-methylph...	15.469	198	156452	40.638	ng	98
66) n-Nitrosodiphenylamine	15.598	169	680611	41.153	ng	97
67) 4-Bromophenyl-phenylether	16.292	248	313005	40.426	ng	97
68) Hexachlorobenzene	16.410	284	381733	39.544	ng	98
69) Atrazine	16.581	200	308388	52.044	ng	99
70) Pentachlorophenol	16.769	266	537243	82.722	ng	98
71) Phenanthrene	17.169	178	1339446	42.010	ng	99
72) Anthracene	17.263	178	1383960	44.840	ng	99
73) Carbazole	17.539	167	1258296	42.210	ng	100
74) Di-n-butylphthalate	18.134	149	1471923	42.041	ng	100
75) Fluoranthene	19.245	202	1873994	42.109	ng	99
77) Benzidine	19.445	184	892938	79.753	ng	98
78) Pyrene	19.622	202	2039206	36.793	ng	100
80) Butylbenzylphthalate	20.575	149	792577	40.094	ng	93
81) Benzo(a)anthracene	21.533	228	2434215	41.348	ng	100
82) 3,3'-Dichlorobenzidine	21.451	252	689701	32.289	ng	99
83) Chrysene	21.598	228	2309659	41.668	ng	100
84) Bis(2-ethylhexyl)phtha...	21.475	149	1225482	42.239	ng	100
85) Di-n-octyl phthalate	22.722	149	2238499	45.427	ng	100
87) Indeno(1,2,3-cd)pyrene	28.586	276	3296089	41.900	ng	93
88) Benzo(b)fluoranthene	23.804	252	2776804	39.697	ng	99
89) Benzo(k)fluoranthene	23.874	252	2704467	40.855	ng	99
90) Benzo(a)pyrene	24.692	252	2645249	43.898	ng	99
91) Dibenzo(a,h)anthracene	28.662	278	2653347	40.868	ng	99
92) Benzo(g,h,i)perylene	29.745	276	2522903	37.935	ng	99

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

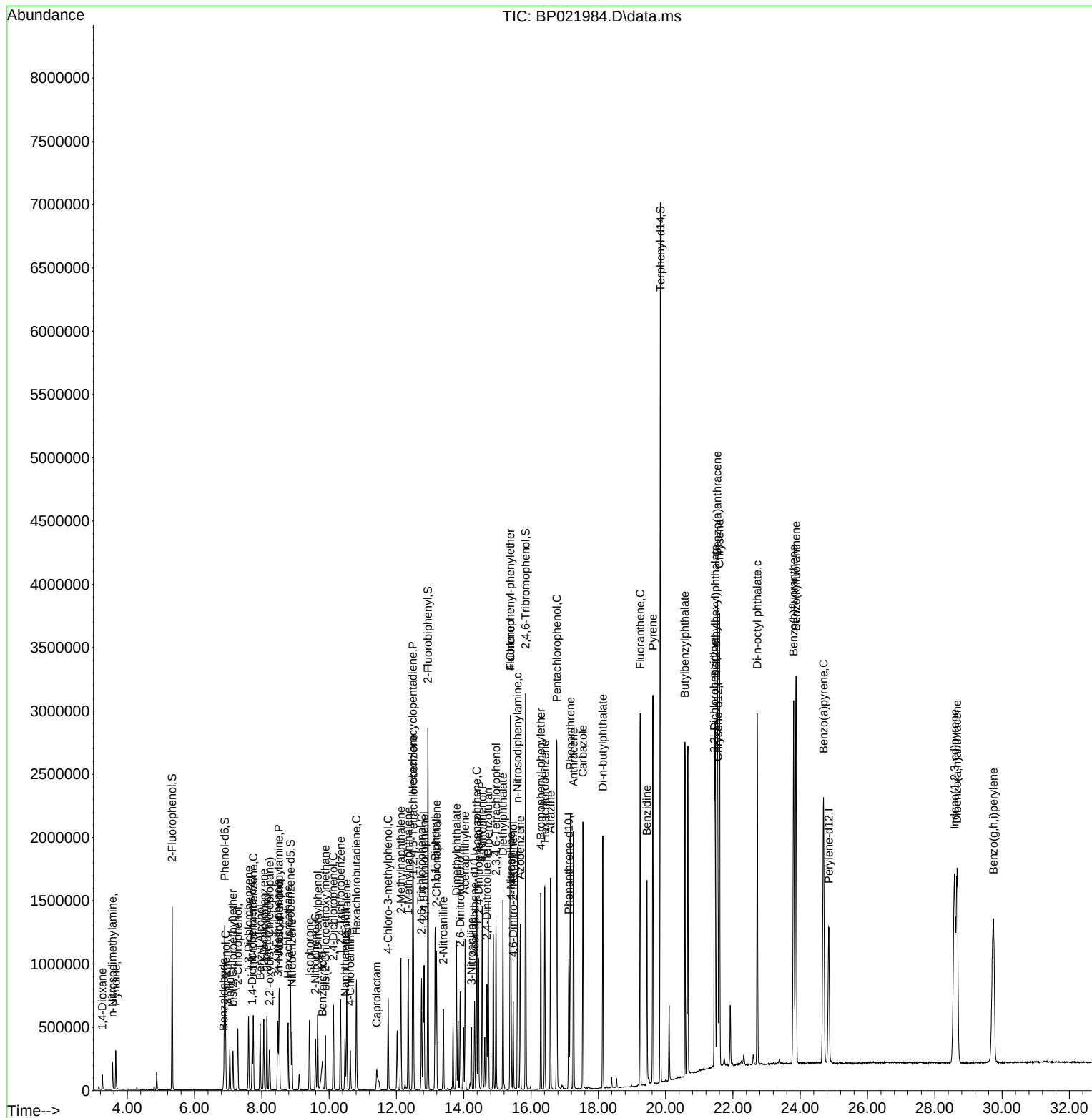
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Data File : BP021984.D  
Acq On    : 23 Sep 2024 16:09  
Operator  : RC/JU  
Sample    : PB163571BS  
Misc      :  
ALS Vial  : 11    Sample Multiplier: 1
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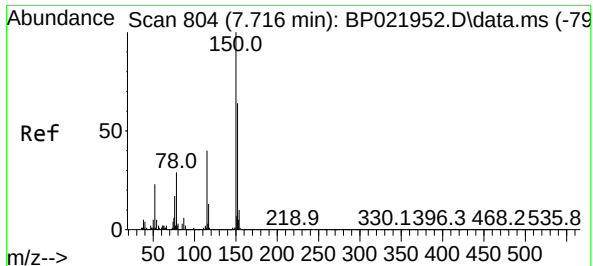
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BNA_P
ClientSampleId :
PB163571BS

Manual Integrations

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

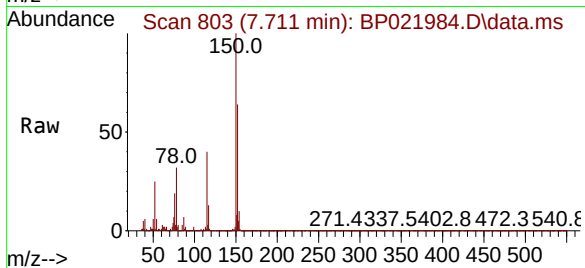
Quant Time: Sep 23 16:34:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 01:22:00 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.711 min Scan# 804
Delta R.T. -0.005 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

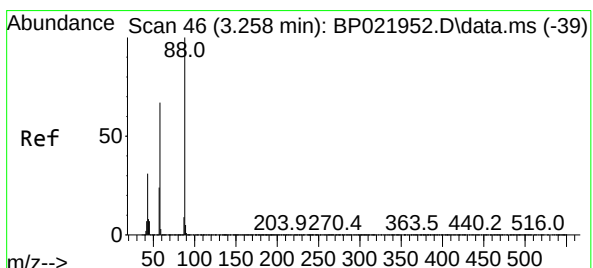
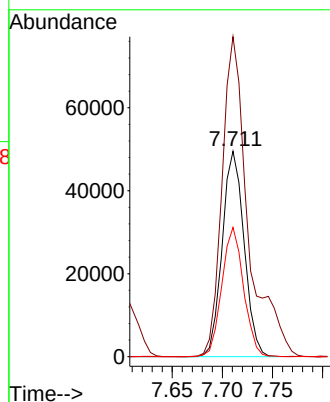
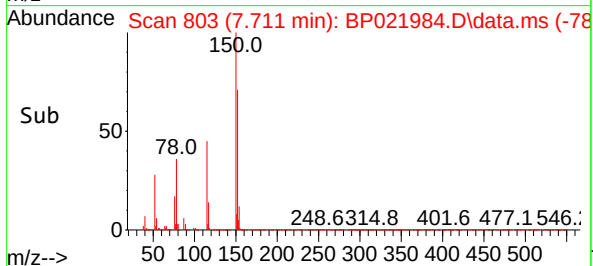
Instrument :
BNA_P
ClientSampleId :
PB163571BS



Tgt Ion: 152 Resp: 7508
Ion Ratio Lower Upper
152 100
150 155.8 124.2 186.2
115 62.9 49.2 73.8

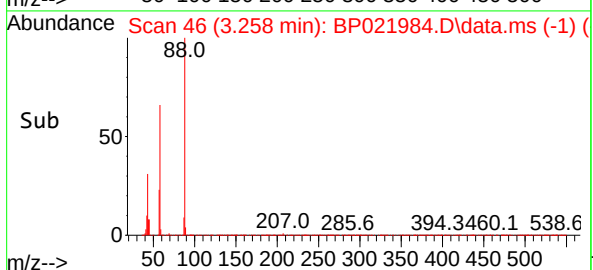
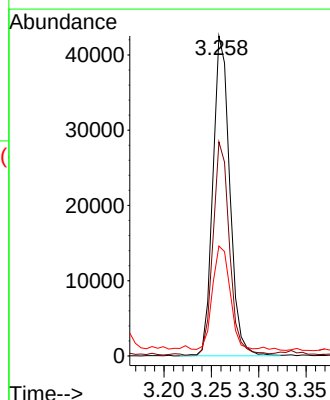
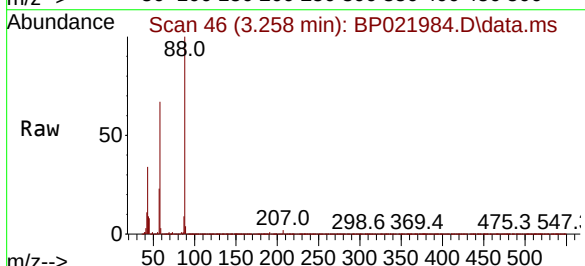
Manual Integrations
APPROVED

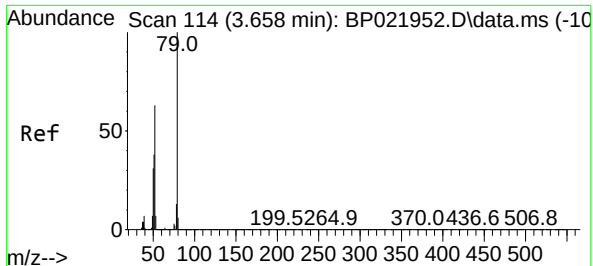
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#2
1,4-Dioxane
Concen: 31.623 ng
RT: 3.258 min Scan# 46
Delta R.T. 0.000 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

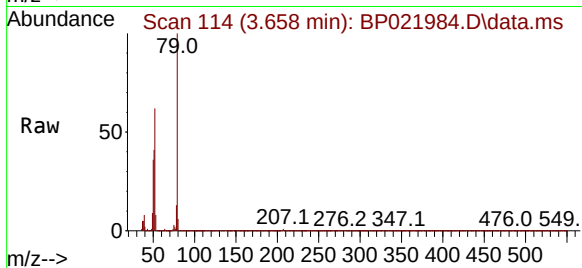
Tgt Ion: 88 Resp: 52464
Ion Ratio Lower Upper
88 100
58 65.3 53.8 80.6
43 33.6 25.2 37.8





#3
Pyridine
Concen: 31.213 ng
RT: 3.658 min Scan# 114
Delta R.T. 0.000 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

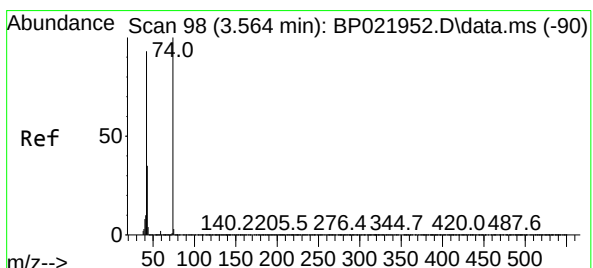
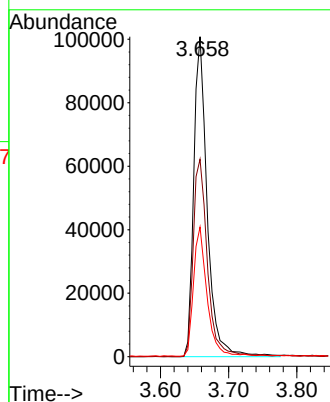
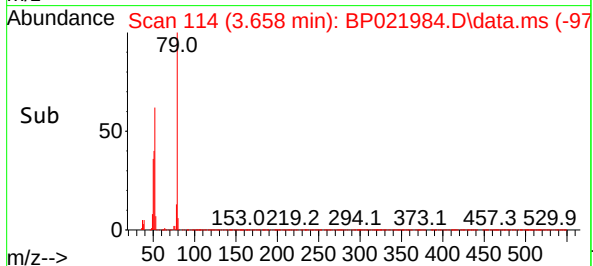
Instrument :
BNA_P
ClientSampleId :
PB163571BS



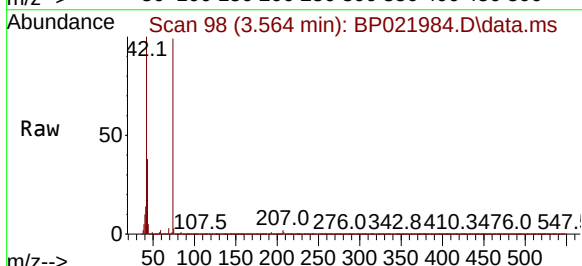
Tgt Ion: 79 Resp: 138110
Ion Ratio Lower Upper
79 100
52 61.7 50.3 75.5
51 40.5 30.9 46.3

Manual Integrations
APPROVED

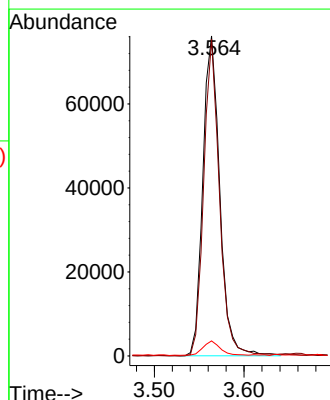
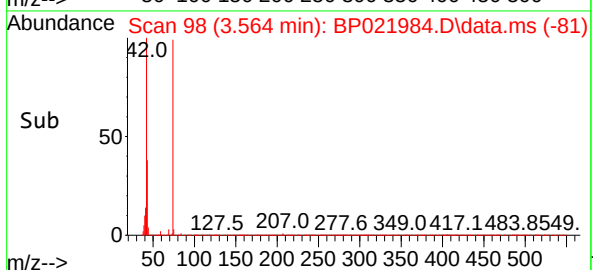
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

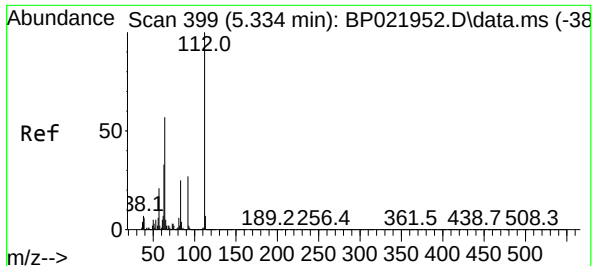


#4
n-Nitrosodimethylamine
Concen: 42.781 ng
RT: 3.564 min Scan# 98
Delta R.T. 0.000 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09



Tgt Ion: 42 Resp: 99856
Ion Ratio Lower Upper
42 100
74 98.9 86.3 129.5
44 4.7 4.0 6.0





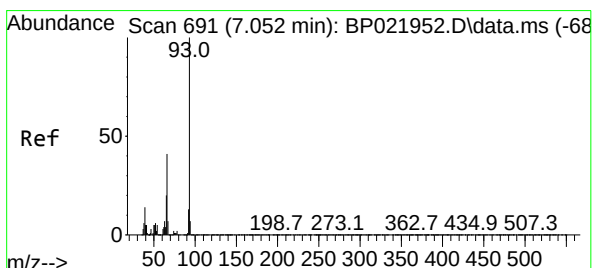
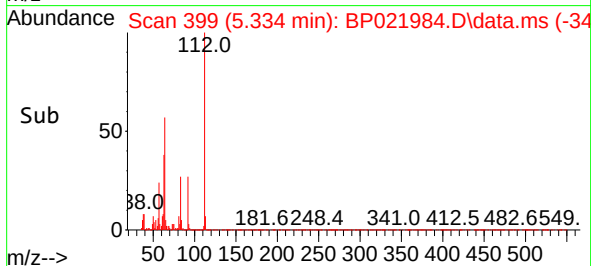
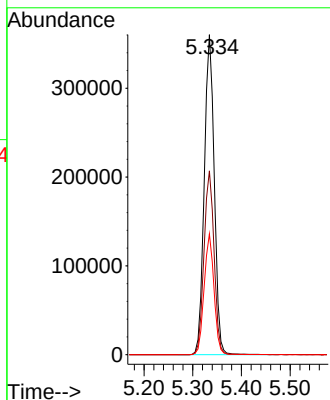
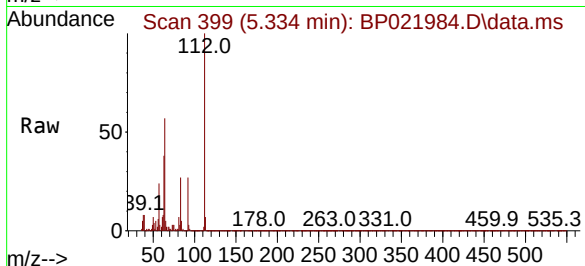
#5
2-Fluorophenol
Concen: 128.024 ng
RT: 5.334 min Scan# 399
Delta R.T. 0.000 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Instrument :
BNA_P
ClientSampleId :
PB163571BS

Tgt Ion: 112 Resp: 511510
Ion Ratio Lower Upper
112 100
64 57.4 45.4 68.0
63 37.8 26.6 39.8

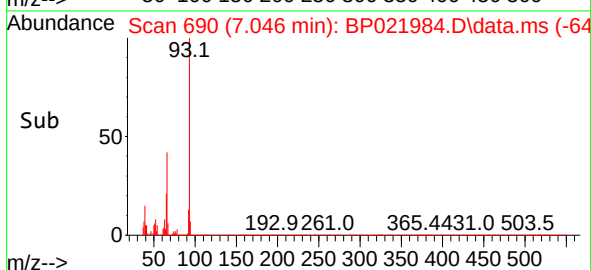
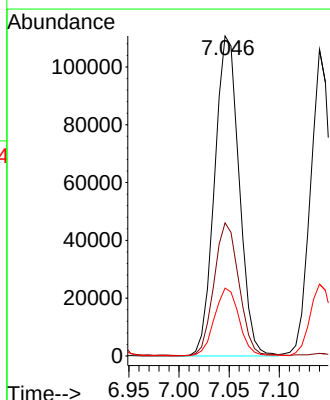
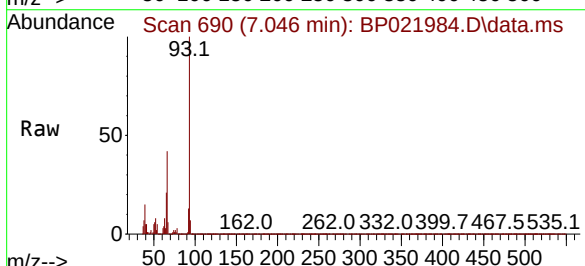
Manual Integrations
APPROVED

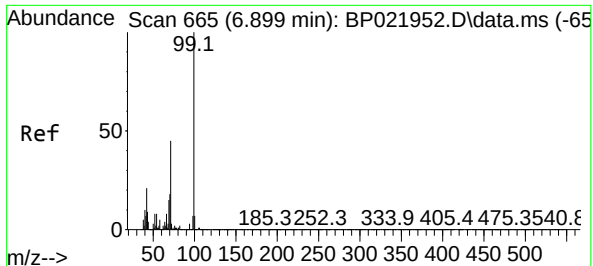
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#6
Aniline
Concen: 41.412 ng
RT: 7.046 min Scan# 690
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

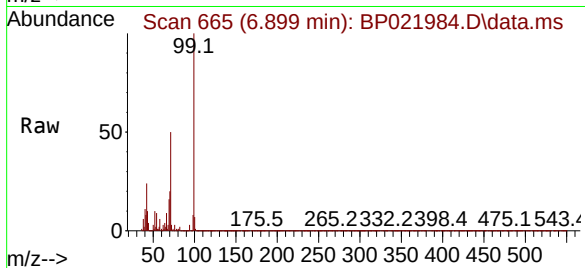
Tgt Ion: 93 Resp: 188750
Ion Ratio Lower Upper
93 100
66 41.6 33.0 49.4
65 21.2 16.1 24.1





#7
Phenol-d6
Concen: 121.016 ng
RT: 6.899 min Scan# 665
Delta R.T. 0.000 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

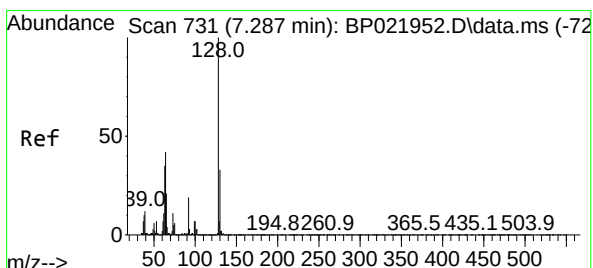
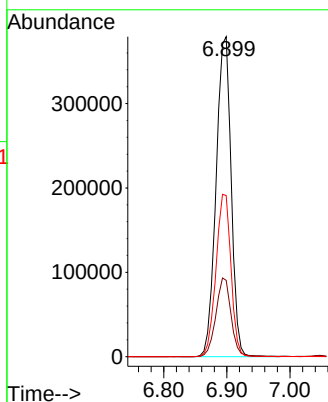
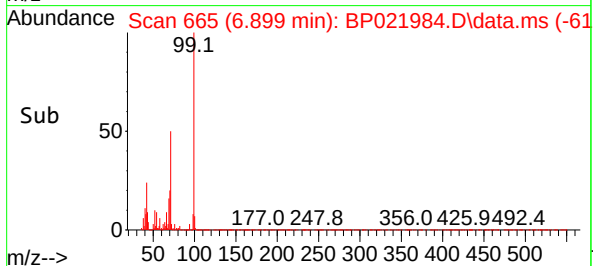
Instrument :
BNA_P
ClientSampleId :
PB163571BS



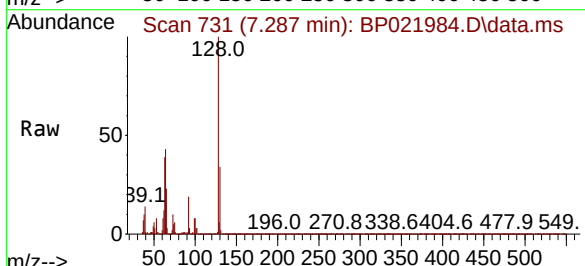
Tgt Ion: 99 Resp: 62768
Ion Ratio Lower Upper
99 100
42 23.8 16.8 25.2
71 50.3 35.8 53.6

Manual Integrations
APPROVED

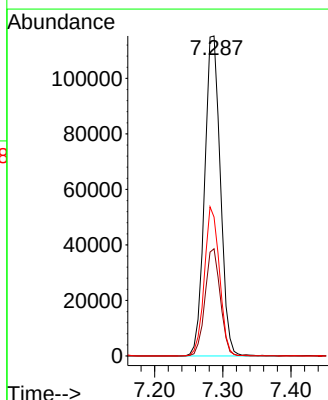
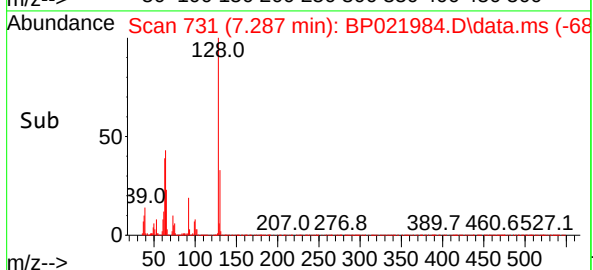
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

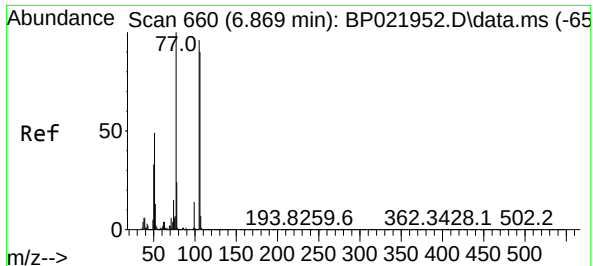


#8
2-Chlorophenol
Concen: 43.431 ng
RT: 7.287 min Scan# 731
Delta R.T. 0.000 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09



Tgt Ion:128 Resp: 185549
Ion Ratio Lower Upper
128 100
130 33.5 13.1 53.1
64 43.4 22.1 62.1





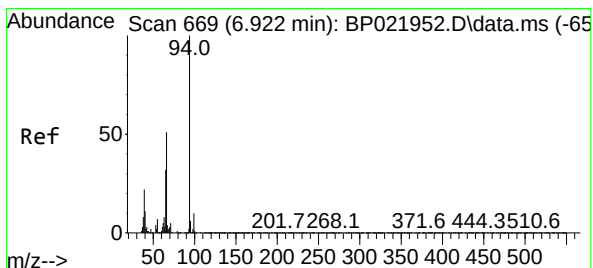
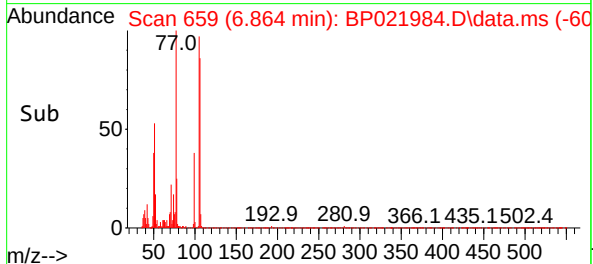
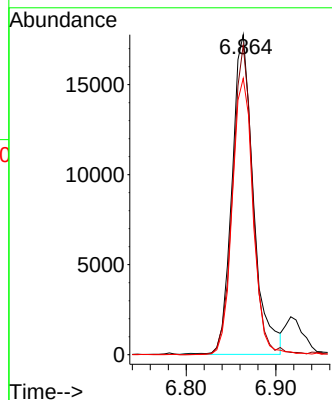
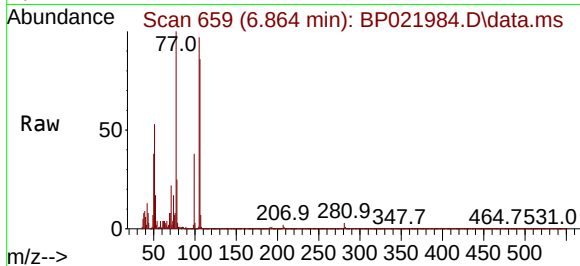
#9
Benzaldehyde
Concen: 10.858 ng
RT: 6.864 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Instrument :
BNA_P
ClientSampleId :
PB163571BS

Tgt Ion: 77 Resp: 2944
Ion Ratio Lower Upper
77 100
105 96.8 76.1 116.1
106 86.3 69.9 109.9

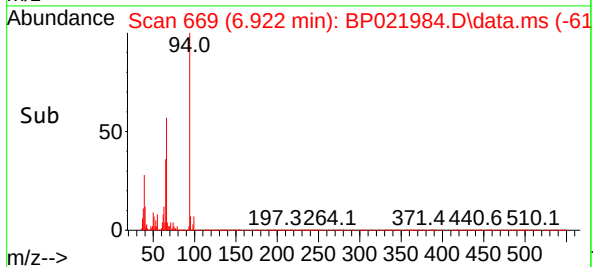
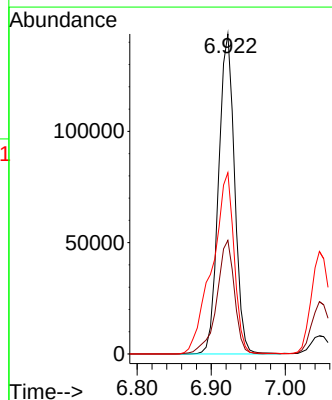
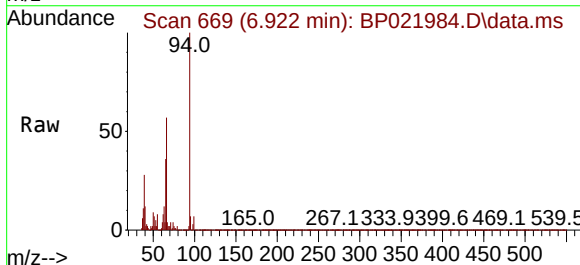
Manual Integrations
APPROVED

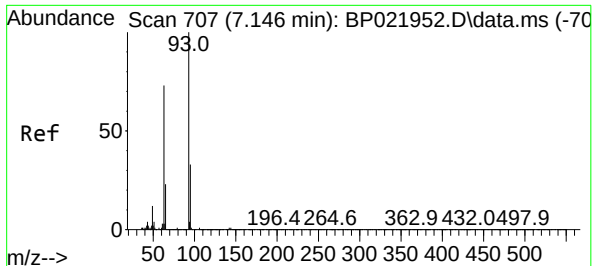
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#10
Phenol
Concen: 41.737 ng
RT: 6.922 min Scan# 669
Delta R.T. 0.000 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Tgt Ion: 94 Resp: 215011
Ion Ratio Lower Upper
94 100
65 35.5 12.5 52.5
66 56.7 31.2 71.2





#11

bis(2-Chloroethyl)ether

Concen: 39.455 ng

RT: 7.140 min Scan# 707

Delta R.T. -0.006 min

Lab File: BP021984.D

Acq: 23 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

PB163571BS

Tgt Ion: 93 Resp: 15310

Ion Ratio Lower Upper

93 100

63 72.6 53.0 93.0

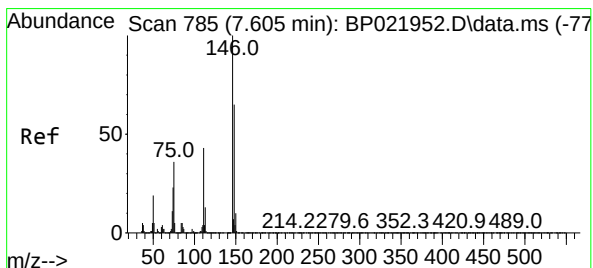
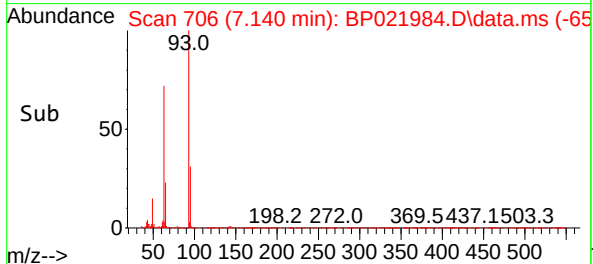
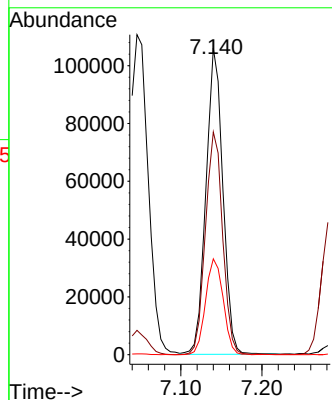
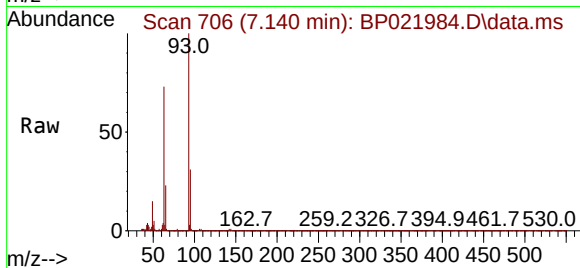
95 31.3 12.4 52.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#12

1,3-Dichlorobenzene

Concen: 38.867 ng

RT: 7.605 min Scan# 785

Delta R.T. 0.000 min

Lab File: BP021984.D

Acq: 23 Sep 2024 16:09

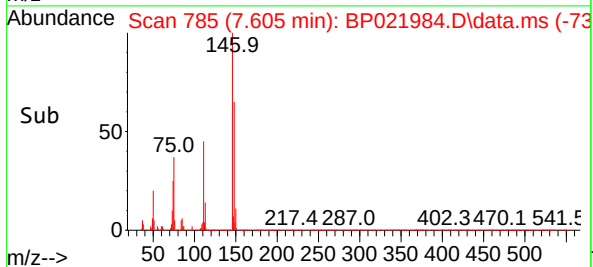
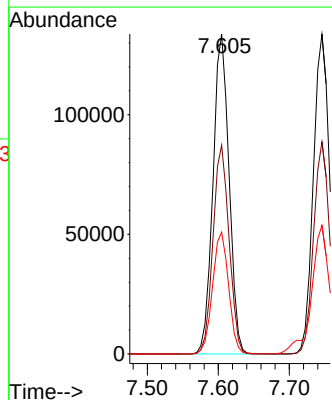
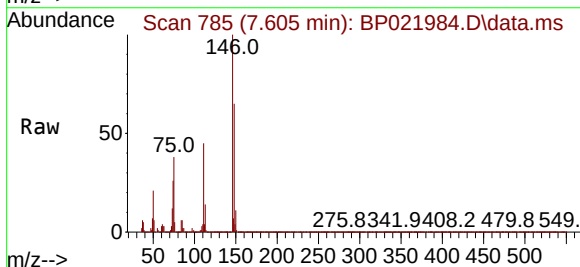
Tgt Ion:146 Resp: 209644

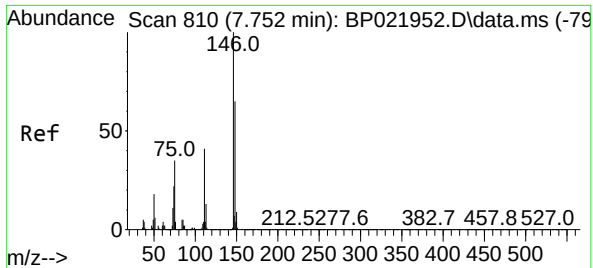
Ion Ratio Lower Upper

146 100

148 65.2 52.3 78.5

75 38.1 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 38.890 ng

RT: 7.746 min Scan# 80

Delta R.T. -0.006 min

Lab File: BP021984.D

Acq: 23 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

PB163571BS

Tgt Ion:146 Resp: 212730

Ion Ratio Lower Upper

146 100

148 66.4 52.2 78.4

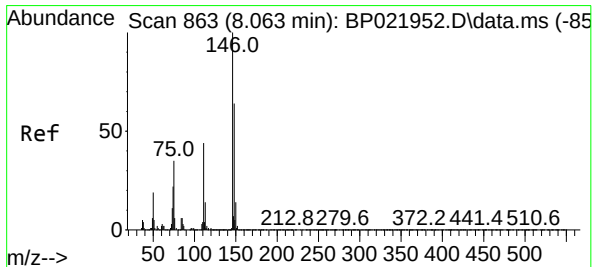
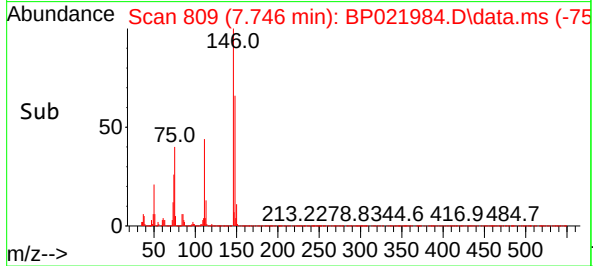
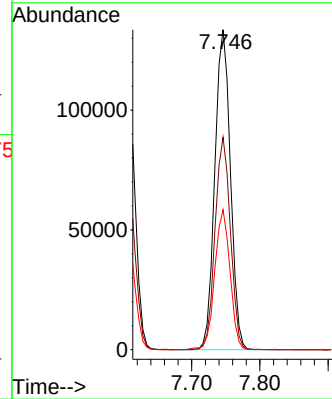
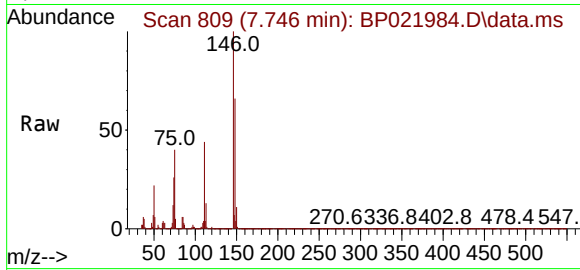
111 43.8 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#14

1,2-Dichlorobenzene

Concen: 38.613 ng

RT: 8.058 min Scan# 862

Delta R.T. -0.006 min

Lab File: BP021984.D

Acq: 23 Sep 2024 16:09

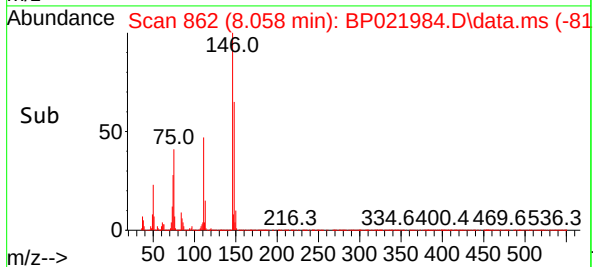
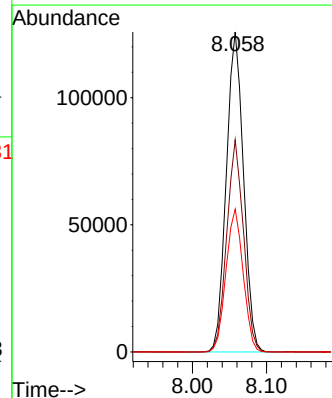
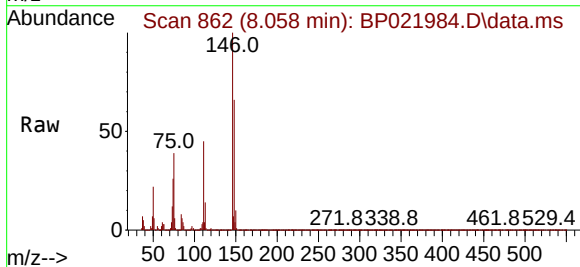
Tgt Ion:146 Resp: 202727

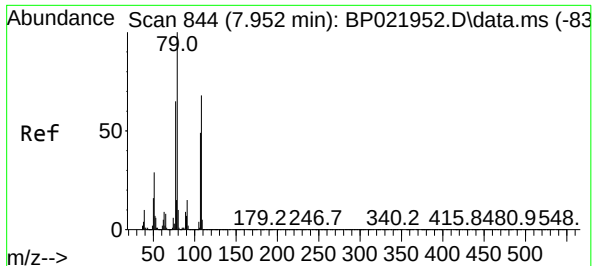
Ion Ratio Lower Upper

146 100

148 66.3 51.3 76.9

111 44.6 35.6 53.4





#15

Benzyl Alcohol

Concen: 45.872 ng

RT: 7.952 min Scan# 844

Delta R.T. 0.000 min

Lab File: BP021984.D

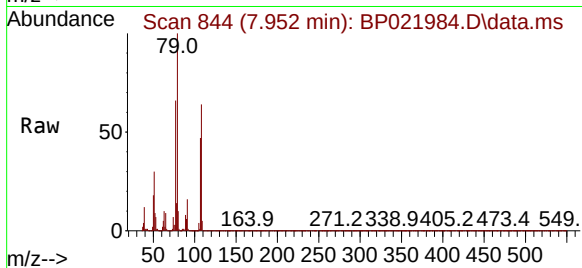
Acq: 23 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

PB163571BS



Tgt Ion: 79 Resp: 18247

Ion Ratio Lower Upper

79 100

108 63.9 54.7 82.1

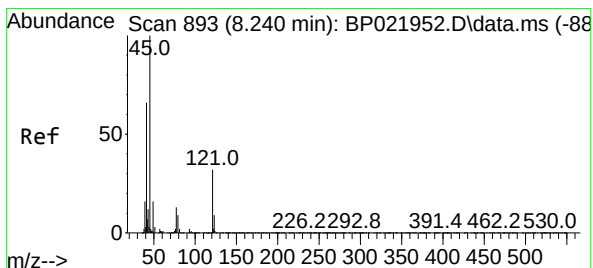
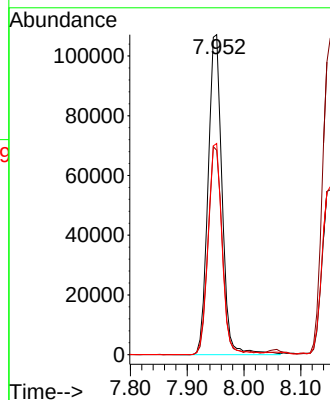
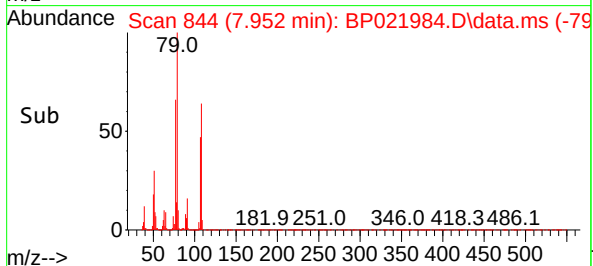
77 66.0 51.8 77.8

Manual Integrations

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Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.142 ng

RT: 8.228 min Scan# 891

Delta R.T. -0.012 min

Lab File: BP021984.D

Acq: 23 Sep 2024 16:09

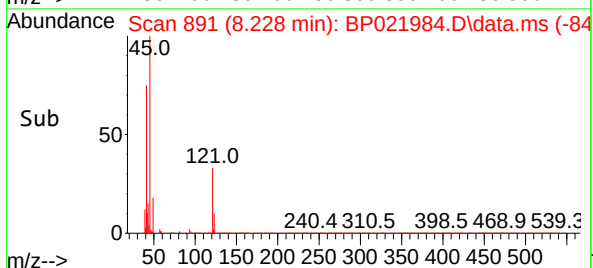
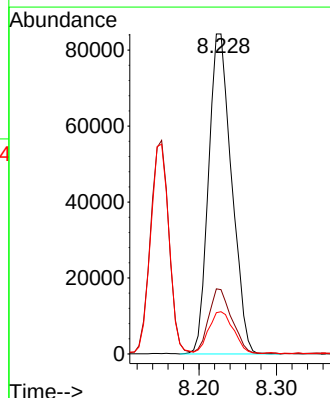
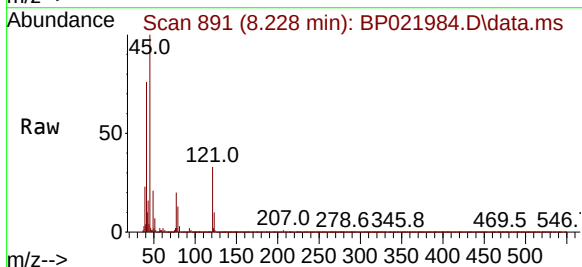
Tgt Ion: 45 Resp: 174424

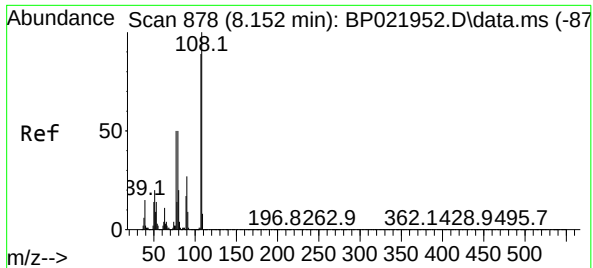
Ion Ratio Lower Upper

45 100

77 20.1 0.0 39.5

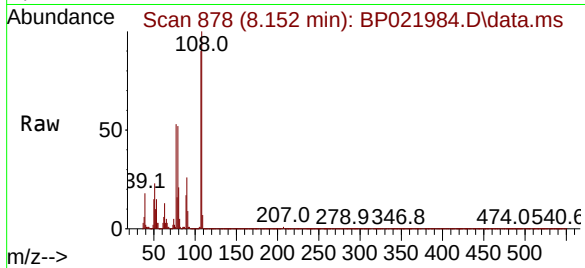
79 13.2 0.0 34.9





#17
2-Methylphenol
Concen: 44.186 ng
RT: 8.152 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

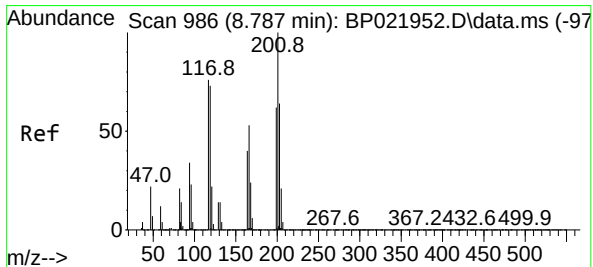
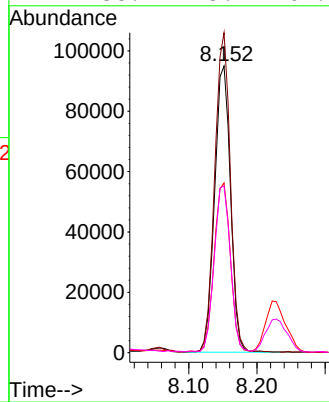
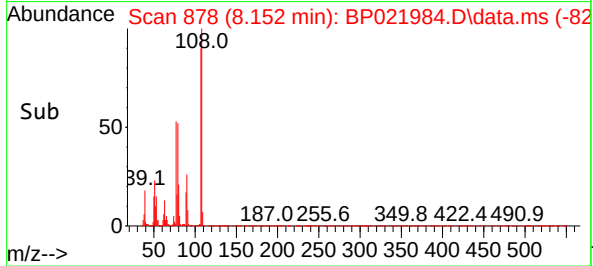
Instrument :
BNA_P
ClientSampleId :
PB163571BS



Tgt Ion:107 Resp: 153774
Ion Ratio Lower Upper
107 100
108 111.6 90.3 135.5
77 59.2 45.1 67.7
79 58.1 45.1 67.7

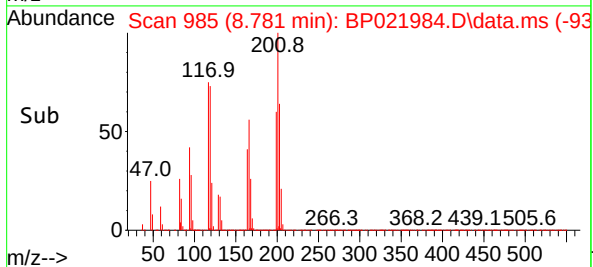
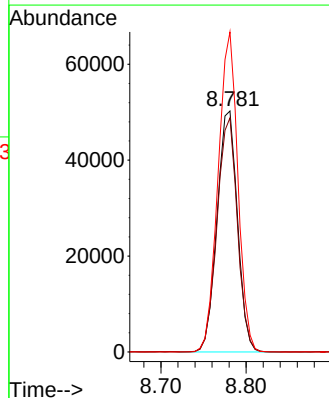
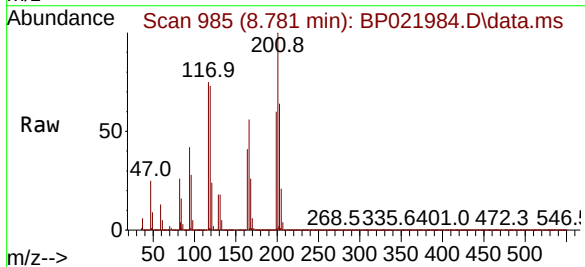
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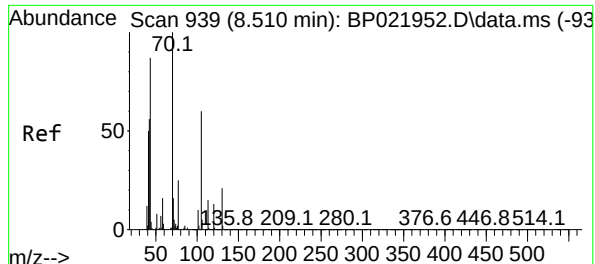
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#18
Hexachloroethane
Concen: 41.763 ng
RT: 8.781 min Scan# 985
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Tgt Ion:117 Resp: 84001
Ion Ratio Lower Upper
117 100
119 97.2 77.0 115.4
201 132.8 105.6 158.4





#19

n-Nitroso-di-n-propylamine

Concen: 42.570 ng

RT: 8.505 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP021984.D

Acq: 23 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

PB163571BS

Tgt Ion: 70 Resp: 137239

Ion Ratio Lower Upper

70 100

42 63.4 45.2 67.8

101 10.2 7.8 11.6

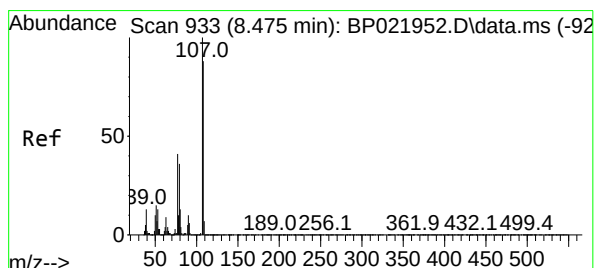
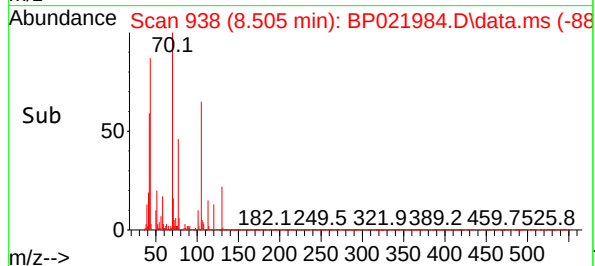
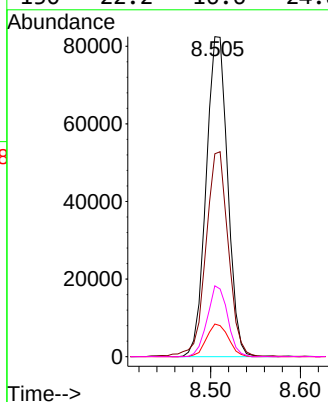
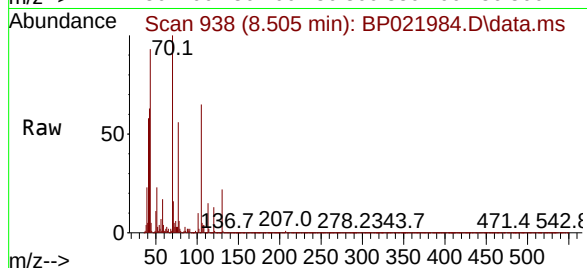
130 22.2 16.6 24.8

Manual Integrations

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Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#20

3+4-Methylphenols

Concen: 43.356 ng

RT: 8.475 min Scan# 933

Delta R.T. 0.000 min

Lab File: BP021984.D

Acq: 23 Sep 2024 16:09

Tgt Ion:107 Resp: 213002

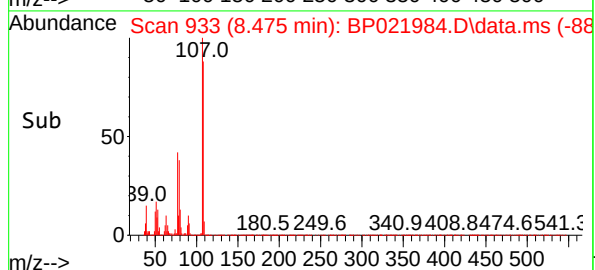
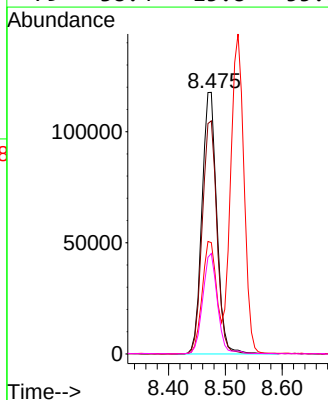
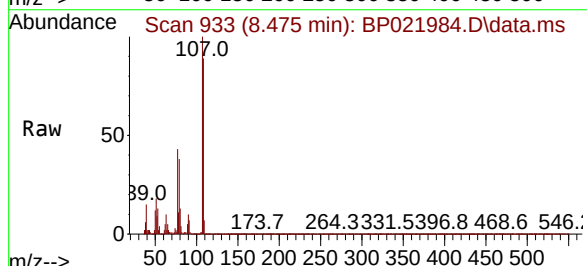
Ion Ratio Lower Upper

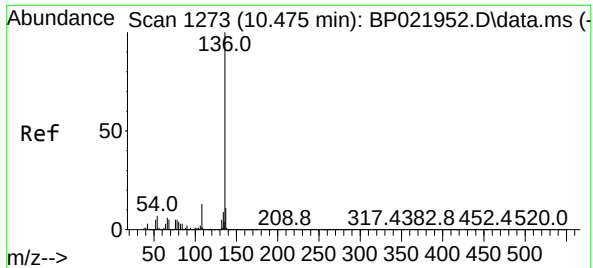
107 100

108 89.1 68.3 108.3

77 42.6 20.6 60.6

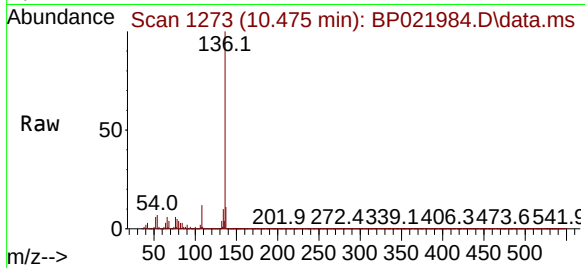
79 38.4 15.8 55.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

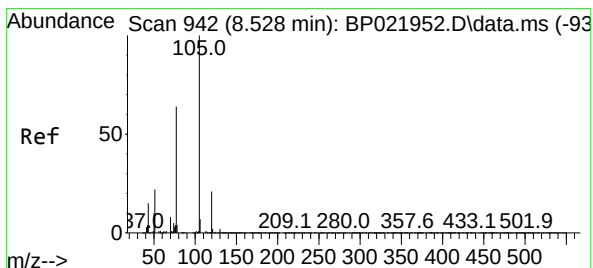
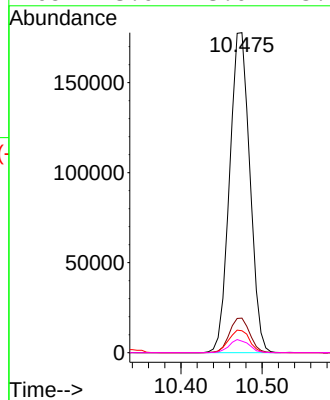
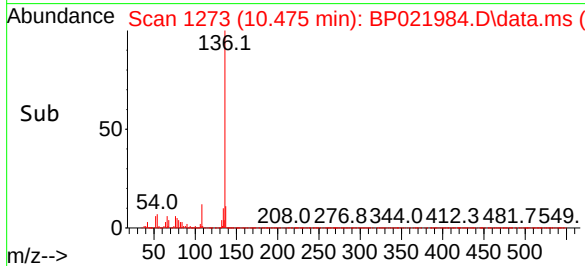
Instrument :
BNA_P
ClientSampleId :
PB163571BS



Tgt Ion:136 Resp: 307864
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.9 5.5 8.3
68 3.6 3.6 5.4

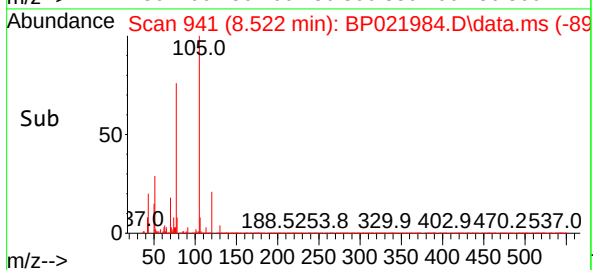
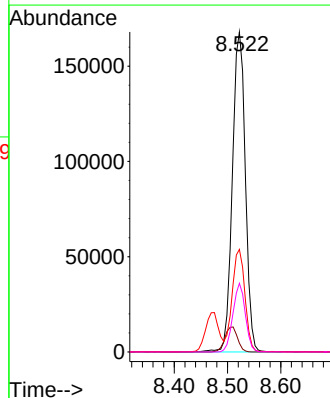
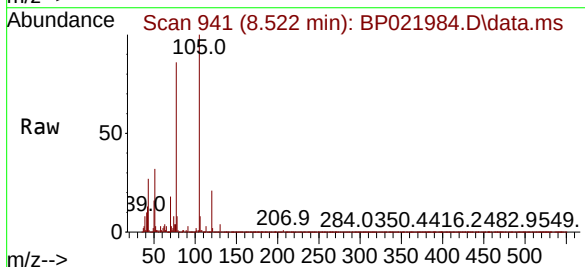
Manual Integrations
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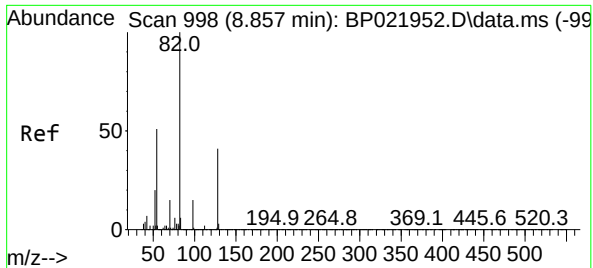
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#22
Acetophenone
Concen: 37.872 ng
RT: 8.522 min Scan# 941
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Tgt Ion:105 Resp: 284419
Ion Ratio Lower Upper
105 100
71 2.8 1.4 2.0#
51 32.1 22.1 33.1
120 21.4 16.8 25.2





#23

Nitrobenzene-d5

Concen: 79.046 ng

RT: 8.852 min Scan# 998

Delta R.T. -0.006 min

Lab File: BP021984.D

Acq: 23 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

PB163571BS

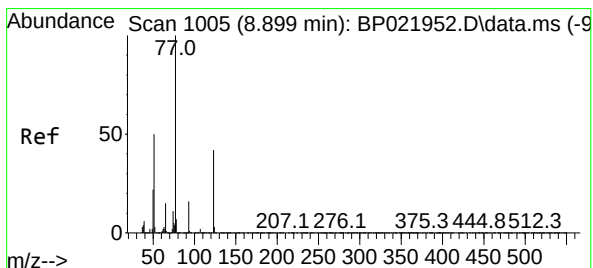
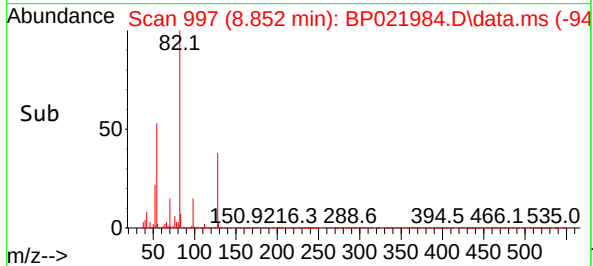
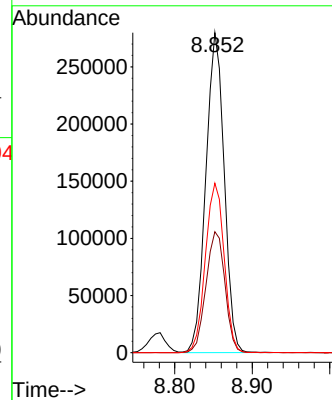
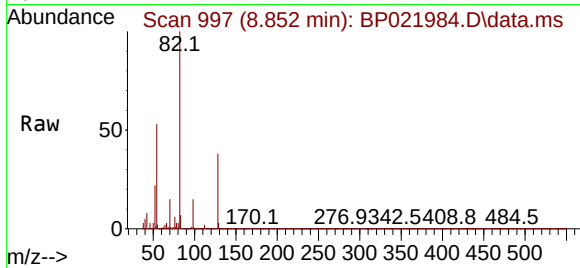
Tgt Ion:	82	Resp:	45991
Ion	Ratio	Lower	Upper
82	100		
128	37.8	33.1	49.7
54	53.0	40.3	60.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#24

Nitrobenzene

Concen: 38.216 ng

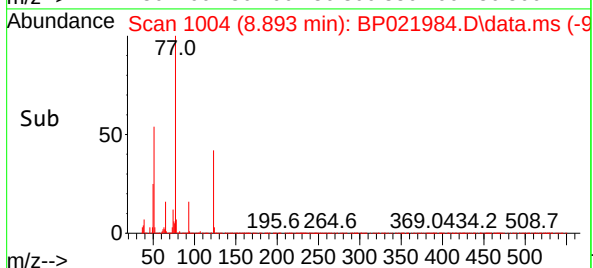
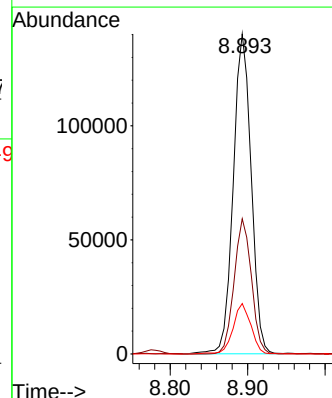
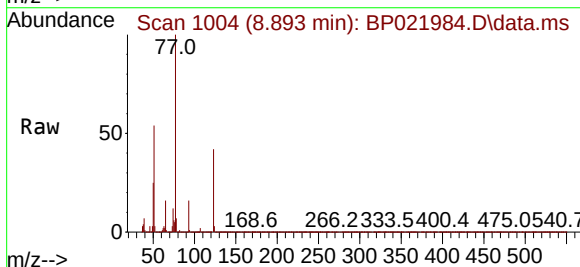
RT: 8.893 min Scan# 1004

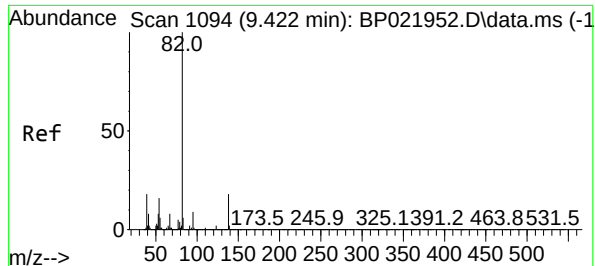
Delta R.T. -0.006 min

Lab File: BP021984.D

Acq: 23 Sep 2024 16:09

Tgt Ion:	77	Resp:	225798
Ion	Ratio	Lower	Upper
77	100		
123	42.2	33.9	50.9
65	15.8	12.0	18.0





#25

Isophorone

Concen: 38.312 ng

RT: 9.416 min Scan# 1094

Delta R.T. -0.006 min

Lab File: BP021984.D

Acq: 23 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

PB163571BS

Tgt Ion: 82 Resp: 367500

Ion Ratio Lower Upper

82 100

95 9.7 7.0 10.6

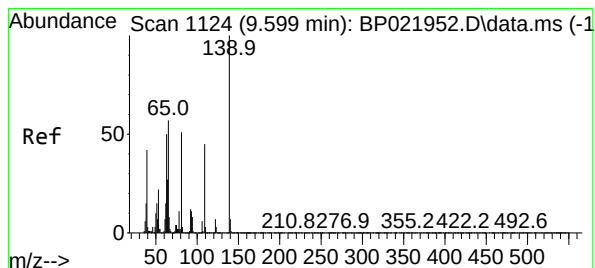
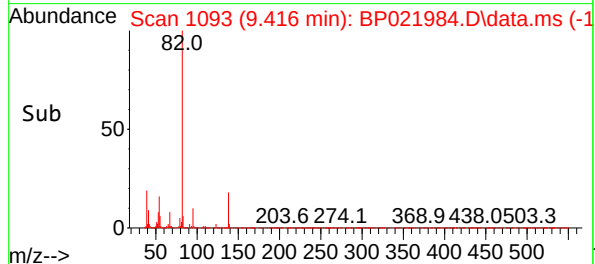
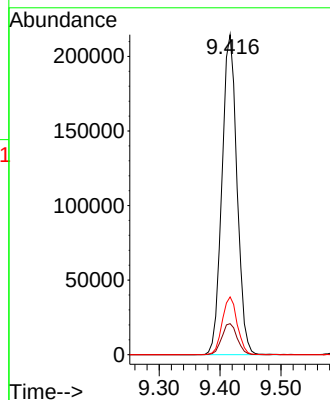
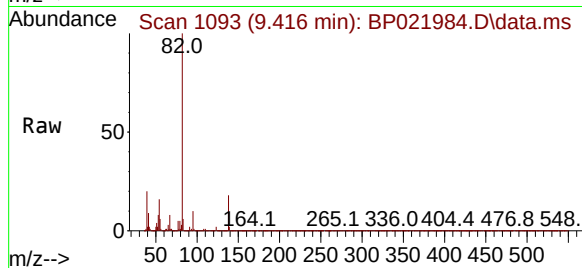
138 18.0 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#26

2-Nitrophenol

Concen: 40.058 ng

RT: 9.593 min Scan# 1123

Delta R.T. -0.006 min

Lab File: BP021984.D

Acq: 23 Sep 2024 16:09

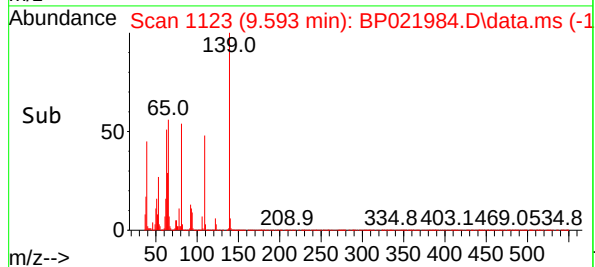
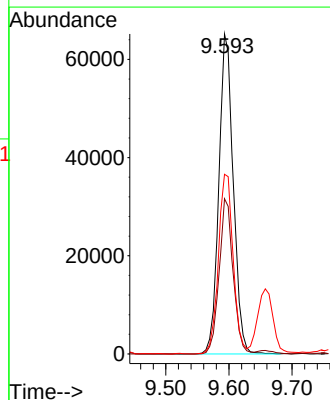
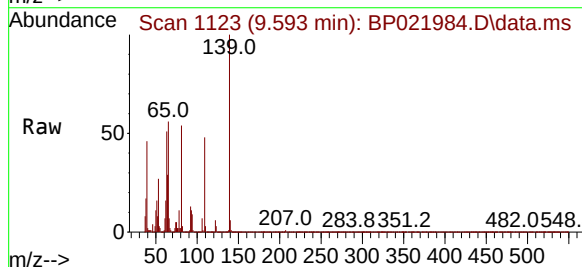
Tgt Ion:139 Resp: 103489

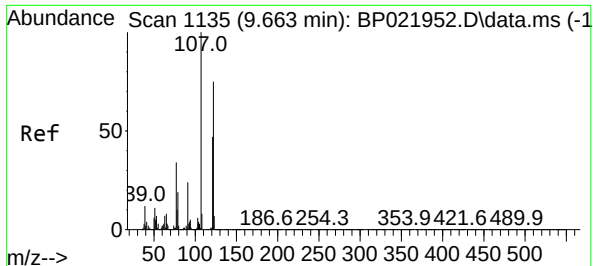
Ion Ratio Lower Upper

139 100

109 48.5 36.0 54.0

65 56.2 45.7 68.5





#27

2,4-Dimethylphenol

Concen: 52.303 ng

RT: 9.658 min Scan# 1134

Delta R.T. -0.006 min

Lab File: BP021984.D

Acq: 23 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

PB163571BS

Tgt Ion:122 Resp: 15646

Ion Ratio Lower Upper

122 100

107 131.2 106.1 159.1

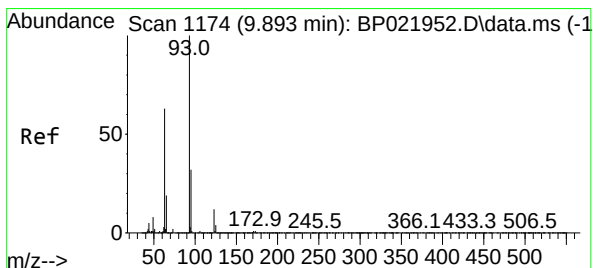
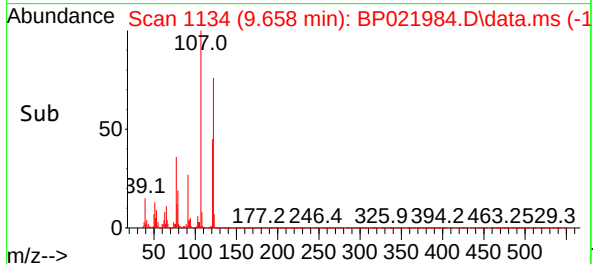
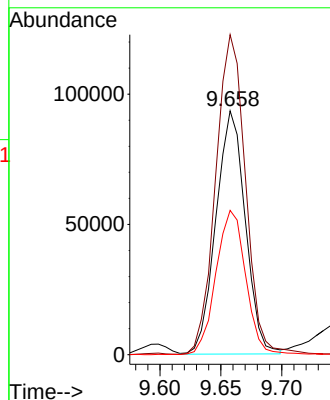
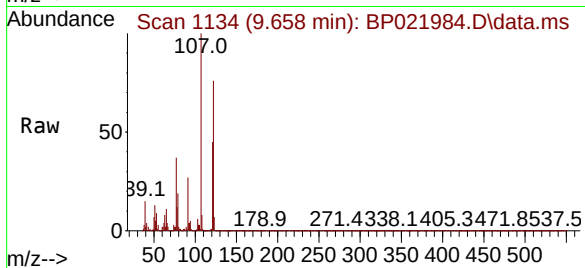
121 59.2 49.6 74.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#28

bis(2-Chloroethoxy)methane

Concen: 39.426 ng

RT: 9.887 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BP021984.D

Acq: 23 Sep 2024 16:09

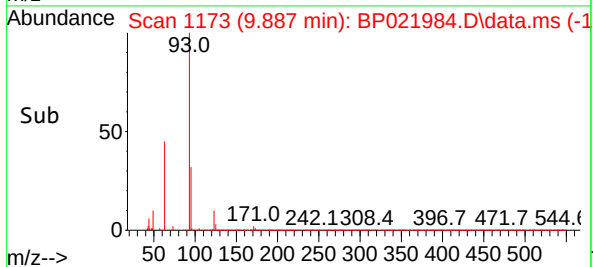
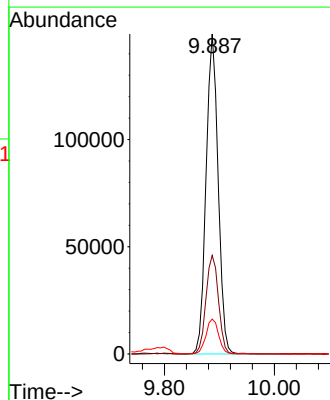
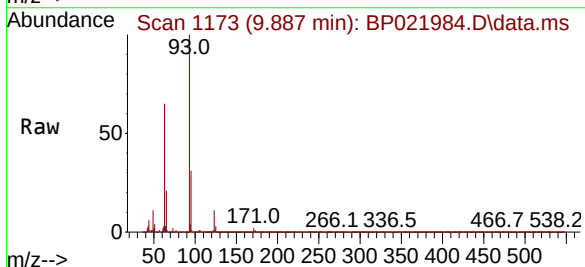
Tgt Ion: 93 Resp: 226757

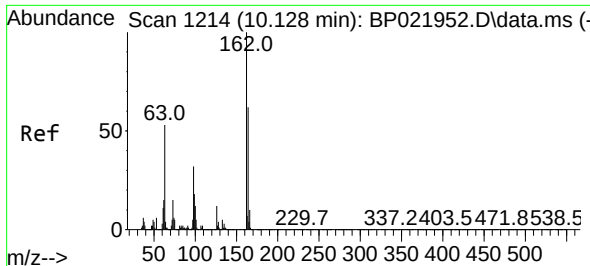
Ion Ratio Lower Upper

93 100

95 30.8 25.7 38.5

123 10.9 9.4 14.0





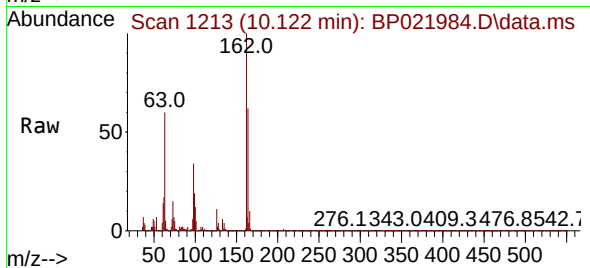
#29
2,4-Dichlorophenol
Concen: 43.665 ng
RT: 10.122 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

PB163571BS



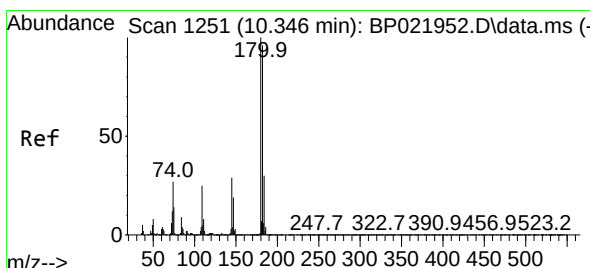
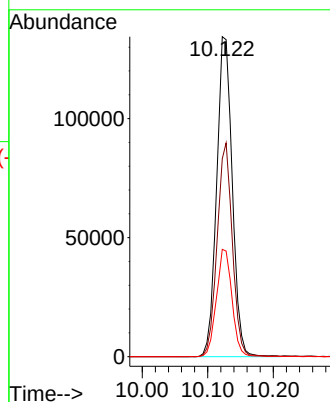
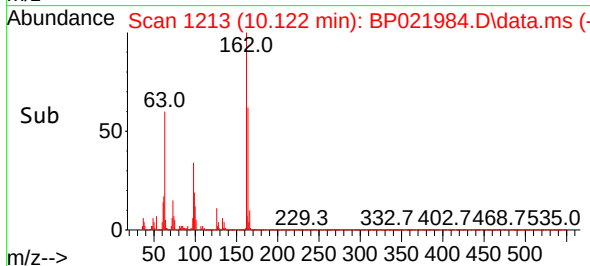
Tgt Ion:162 Resp: 221709
Ion Ratio Lower Upper
162 100
164 61.8 41.7 81.7
98 33.5 12.4 52.4

Manual Integrations

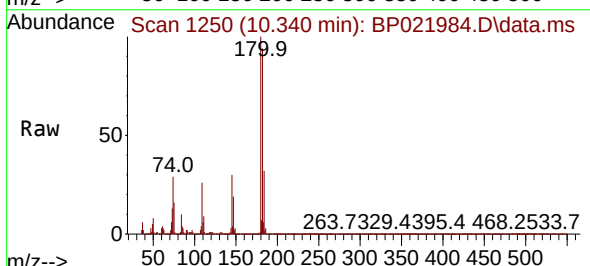
APPROVED

Reviewed By :Yogesh Patel 09/25/2024

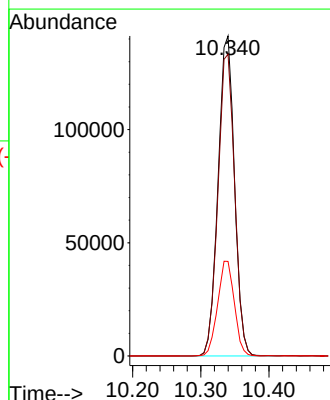
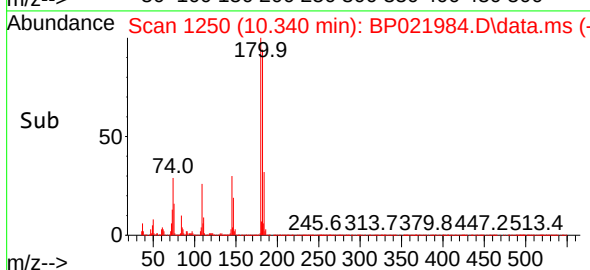
Supervised By :mohammad ahmed 09/25/2024

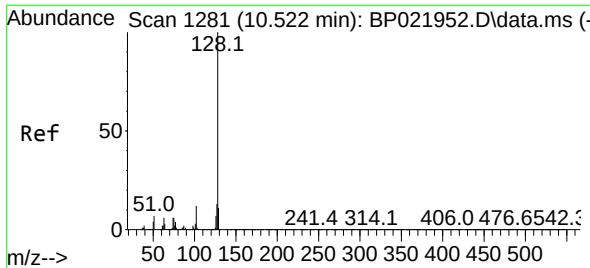


#30
1,2,4-Trichlorobenzene
Concen: 37.450 ng
RT: 10.340 min Scan# 1250
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09



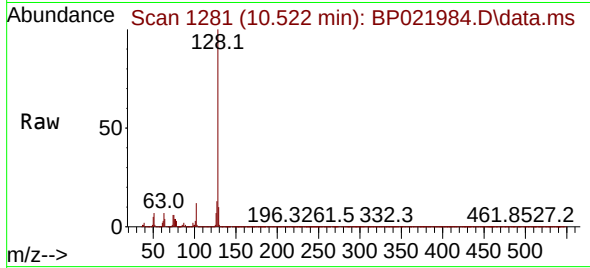
Tgt Ion:180 Resp: 236859
Ion Ratio Lower Upper
180 100
182 94.3 77.0 115.4
145 29.5 23.0 34.6





#31
Naphthalene
Concen: 39.164 ng
RT: 10.522 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

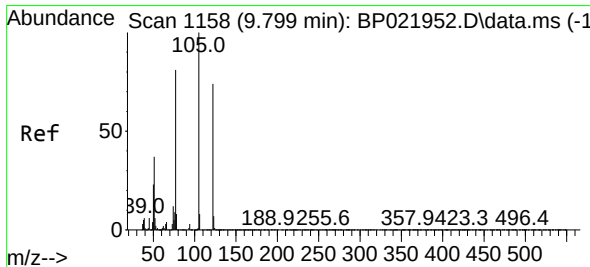
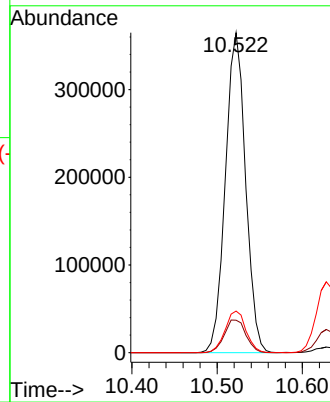
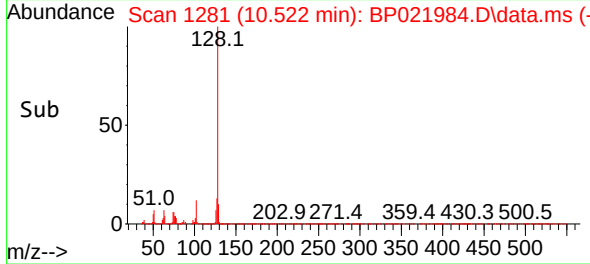
Instrument :
BNA_P
ClientSampleId :
PB163571BS



Tgt Ion:128 Resp: 601628
Ion Ratio Lower Upper
128 100
129 10.1 8.6 13.0
127 13.0 10.6 15.8

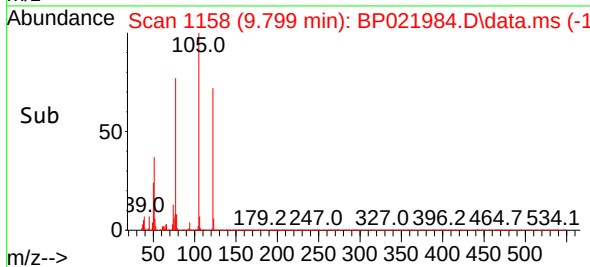
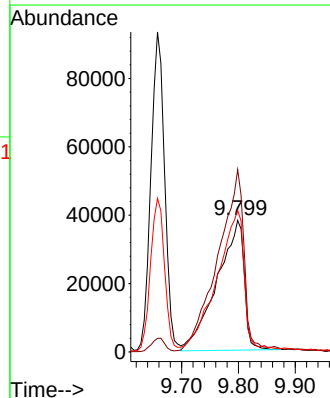
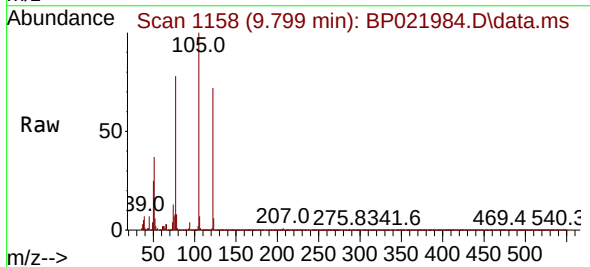
Manual Integrations
APPROVED

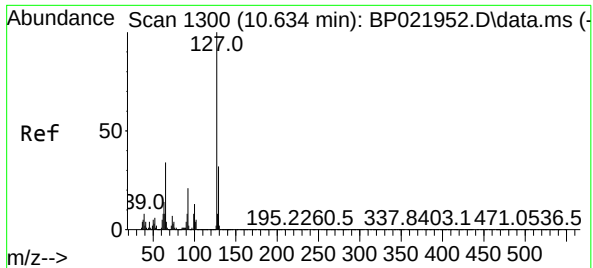
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#32
Benzoic acid
Concen: 36.204 ng
RT: 9.799 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

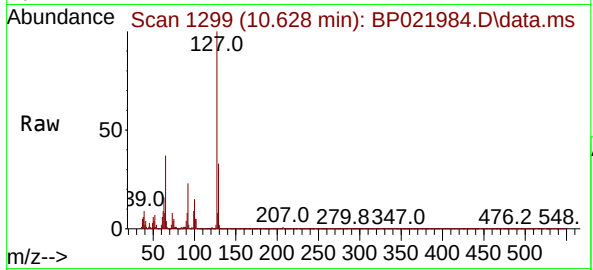
Tgt Ion:122 Resp: 126615
Ion Ratio Lower Upper
122 100
105 138.7 111.3 151.3
77 107.6 86.7 126.7





#33
4-Chloroaniline
Concen: 26.101 ng
RT: 10.628 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

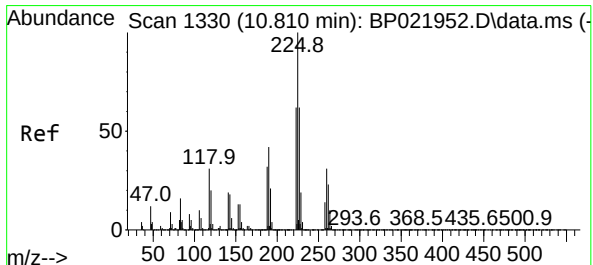
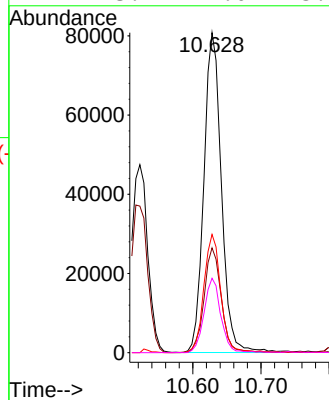
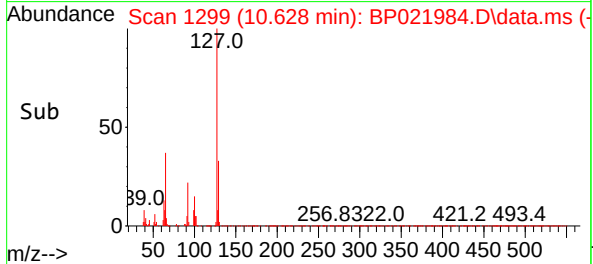
Instrument :
BNA_P
ClientSampleId :
PB163571BS



Tgt Ion:127 Resp: 14462
Ion Ratio Lower Upper
127 100
129 32.8 25.4 38.0
65 36.9 27.4 41.2
92 23.2 17.0 25.4

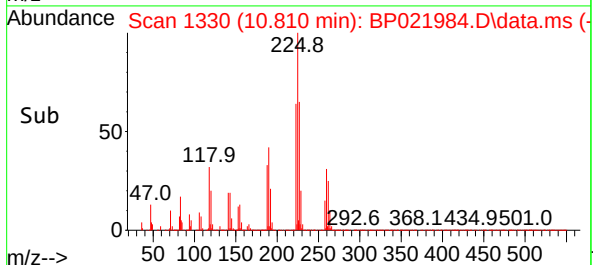
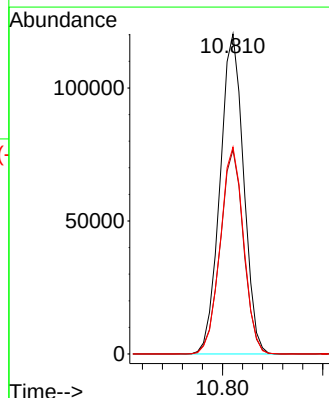
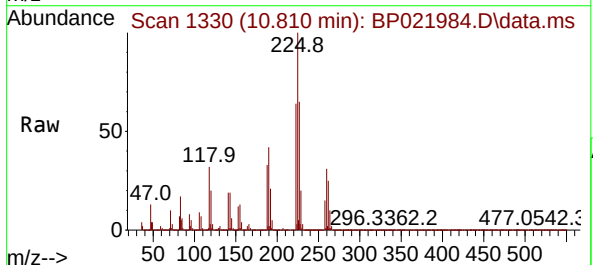
Manual Integrations
APPROVED

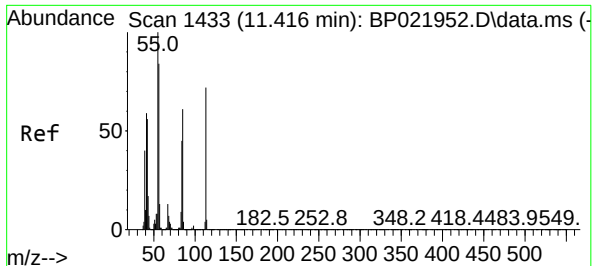
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#34
Hexachlorobutadiene
Concen: 39.558 ng
RT: 10.810 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

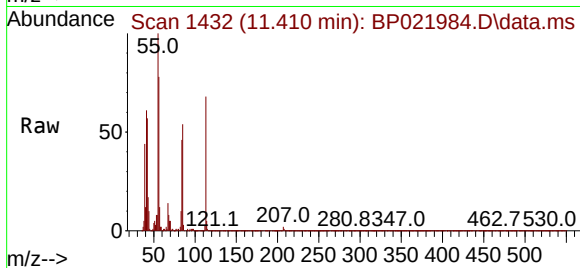
Tgt Ion:225 Resp: 195724
Ion Ratio Lower Upper
225 100
223 63.8 50.0 75.0
227 64.7 49.7 74.5





#35
Caprolactam
Concen: 39.312 ng m
RT: 11.410 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

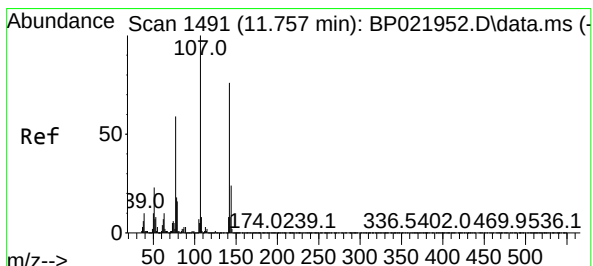
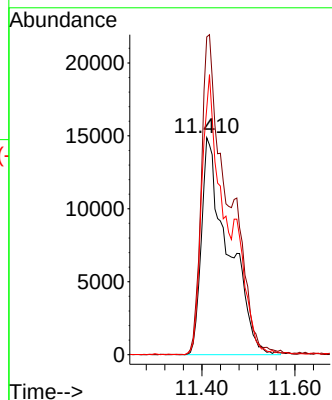
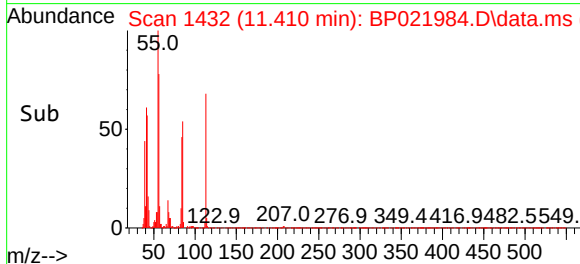
Instrument :
BNA_P
ClientSampleId :
PB163571BS



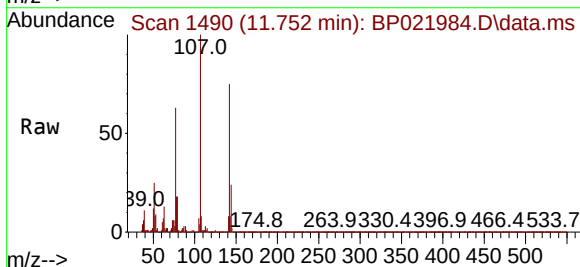
Tgt Ion:113 Resp: 59404
Ion Ratio Lower Upper
113 100
55 146.4 119.4 159.4
56 113.6 97.1 137.1

Manual Integrations
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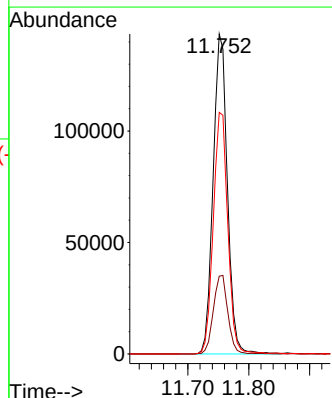
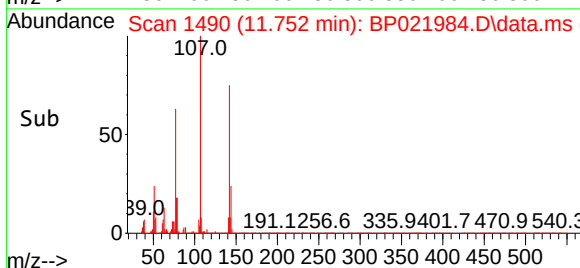
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

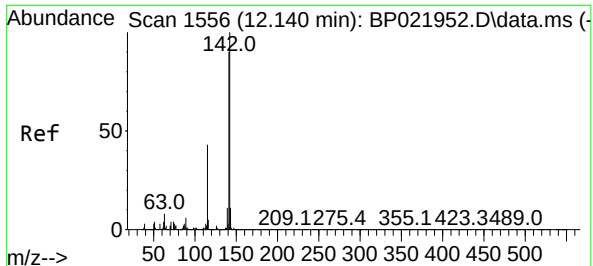


#36
4-Chloro-3-methylphenol
Concen: 42.872 ng
RT: 11.752 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09



Tgt Ion:107 Resp: 233544
Ion Ratio Lower Upper
107 100
144 24.3 19.0 28.4
142 75.5 60.4 90.6





#37
2-Methylnaphthalene
Concen: 41.892 ng
RT: 12.134 min Scan# 1555
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Instrument :

BNA_P

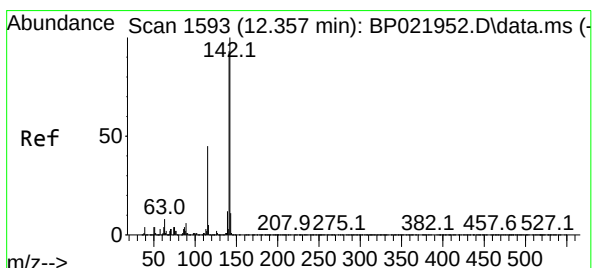
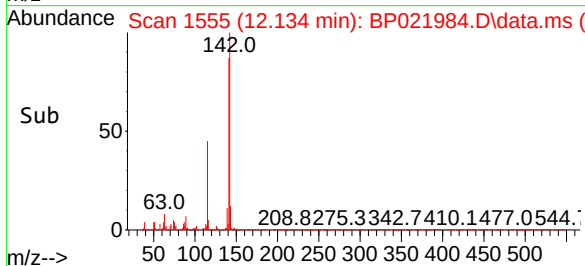
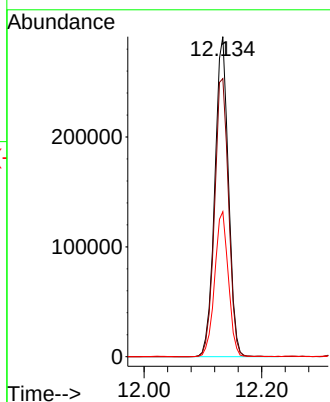
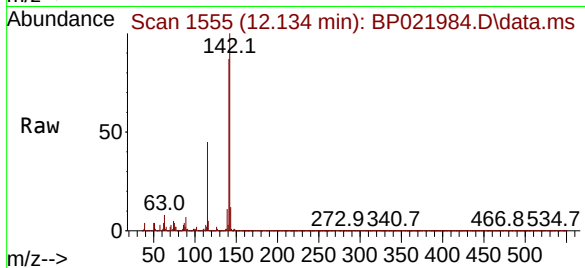
ClientSampleId :

PB163571BS

Tgt Ion:142 Resp: 470832
Ion Ratio Lower Upper
142 100
141 86.9 71.7 107.5
115 45.3 34.6 51.8

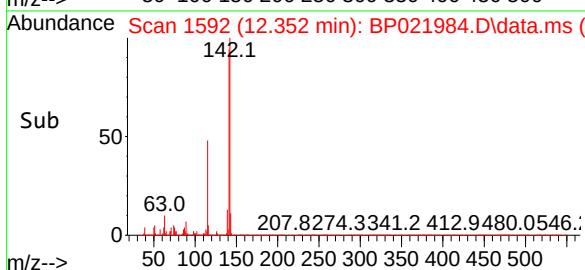
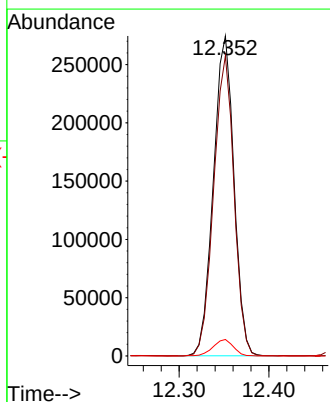
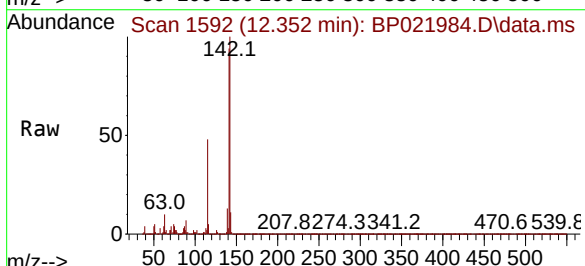
Manual Integrations
APPROVED

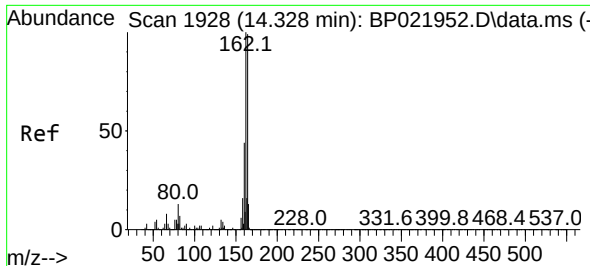
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#38
1-Methylnaphthalene
Concen: 39.392 ng
RT: 12.352 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Tgt Ion:142 Resp: 437124
Ion Ratio Lower Upper
142 100
141 93.8 74.1 111.1
116 5.1 3.8 5.8





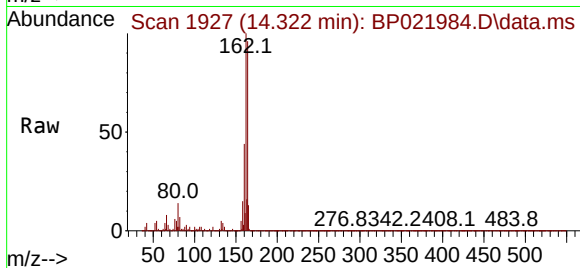
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.322 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

PB163571BS

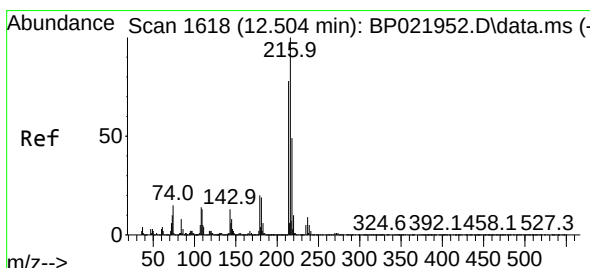
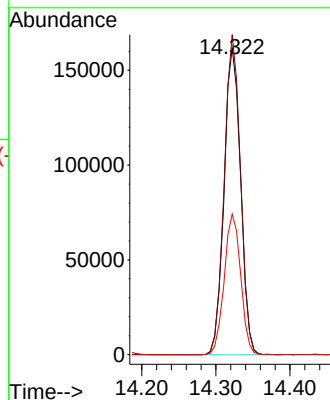
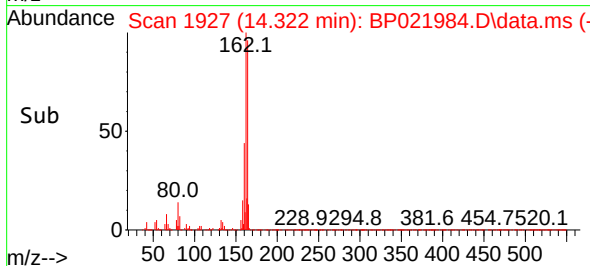


Tgt Ion:164 Resp: 250312
Ion Ratio Lower Upper
164 100
162 104.4 81.2 121.8
160 45.9 35.9 53.9

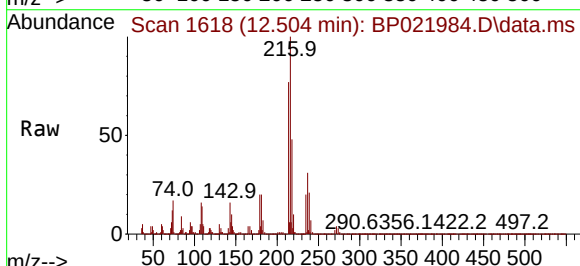
Manual Integrations

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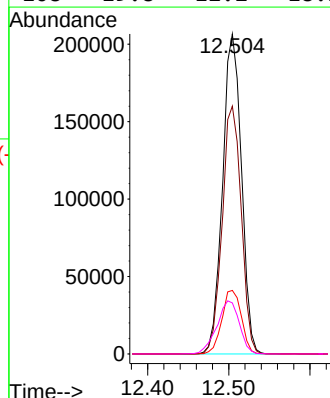
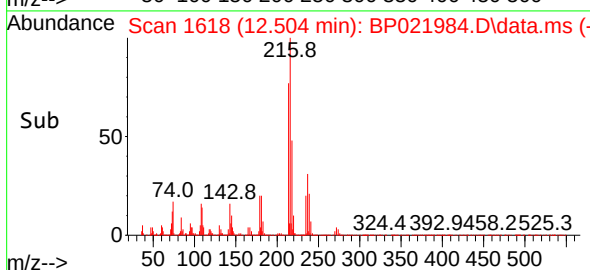
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

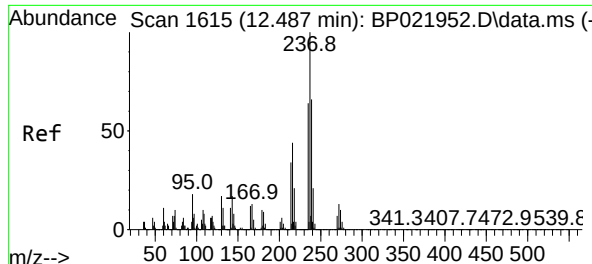


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.139 ng
RT: 12.504 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09



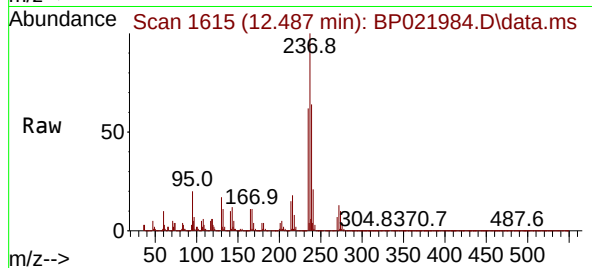
Tgt Ion:216 Resp: 333999
Ion Ratio Lower Upper
216 100
214 78.2 62.8 94.2
179 20.6 16.4 24.6
108 19.8 12.2 18.2#





#41
Hexachlorocyclopentadiene
Concen: 148.836 ng
RT: 12.487 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

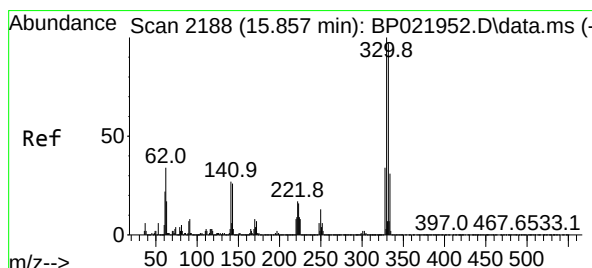
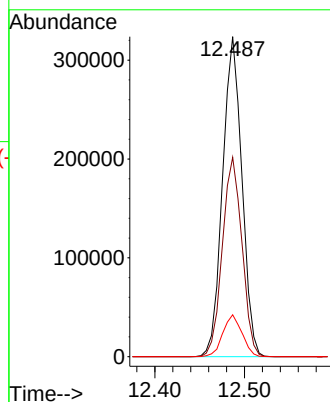
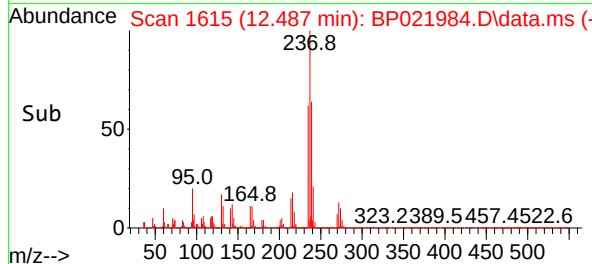
Instrument :
BNA_P
ClientSampleId :
PB163571BS



Tgt Ion: 237 Resp: 48429
Ion Ratio Lower Upper
237 100
235 62.3 44.1 84.1
272 13.1 0.0 33.1

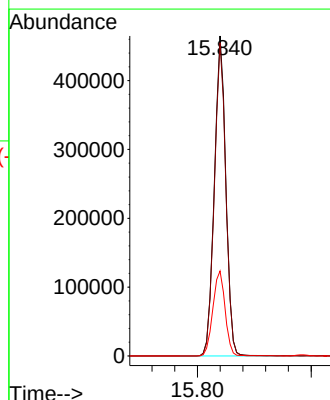
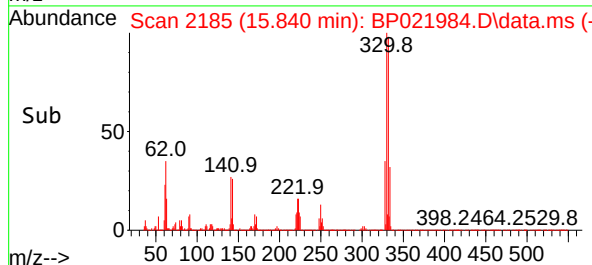
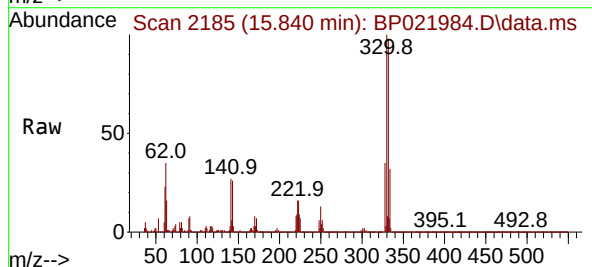
Manual Integrations
APPROVED

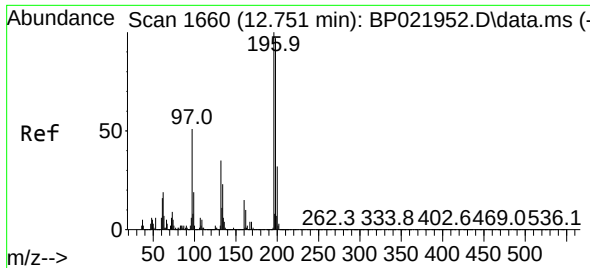
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#42
2,4,6-Tribromophenol
Concen: 139.910 ng
RT: 15.840 min Scan# 2185
Delta R.T. -0.017 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Tgt Ion: 330 Resp: 649253
Ion Ratio Lower Upper
330 100
332 97.6 77.5 116.3
141 28.4 23.4 35.0





#43

2,4,6-Trichlorophenol

Concen: 40.682 ng

RT: 12.746 min Scan# 1659

Delta R.T. -0.006 min

Lab File: BP021984.D

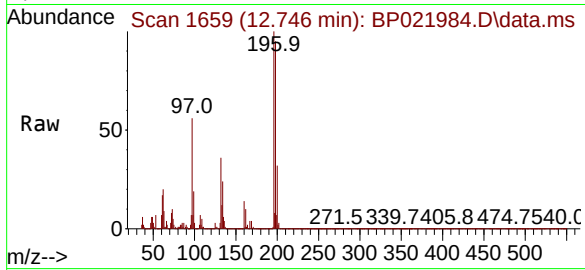
Acq: 23 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

PB163571BS



Tgt Ion:196 Resp: 218670

Ion Ratio Lower Upper

196 100

198 95.0 77.6 116.4

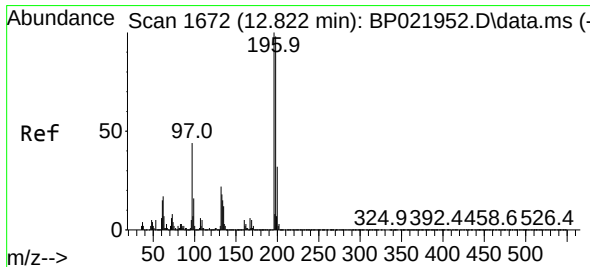
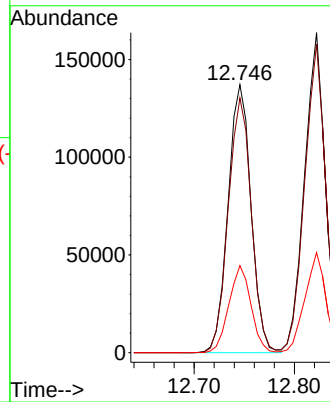
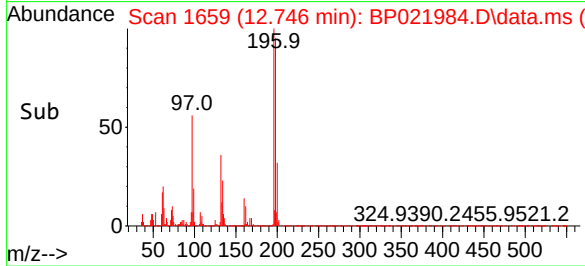
200 32.5 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#44

2,4,5-Trichlorophenol

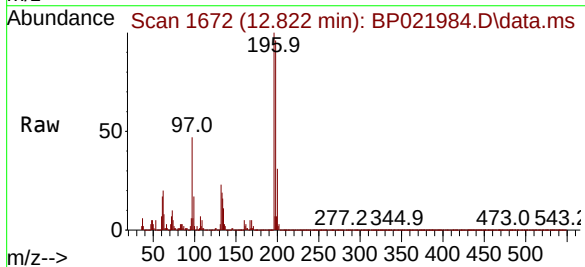
Concen: 39.265 ng

RT: 12.822 min Scan# 1672

Delta R.T. 0.000 min

Lab File: BP021984.D

Acq: 23 Sep 2024 16:09



Tgt Ion:196 Resp: 236760

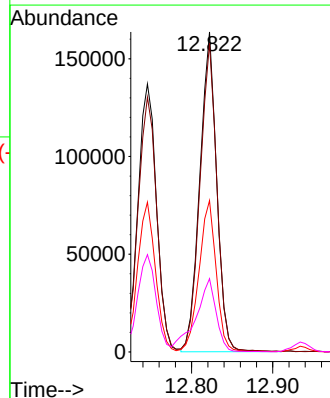
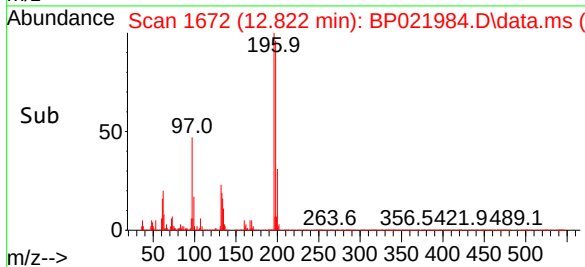
Ion Ratio Lower Upper

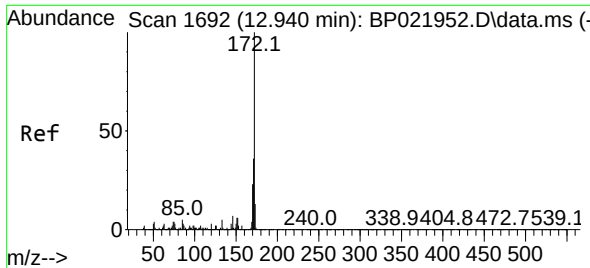
196 100

198 96.4 78.2 117.4

97 47.3 35.0 52.4

132 22.9 17.8 26.8





#45
2-Fluorobiphenyl
Concen: 78.992 ng
RT: 12.934 min Scan# 1691
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

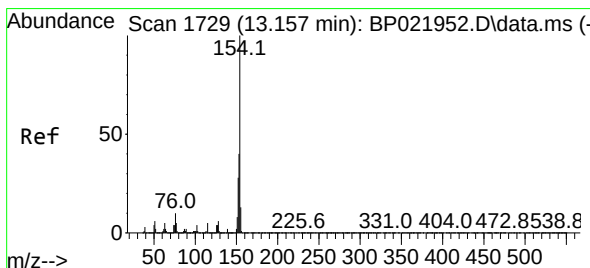
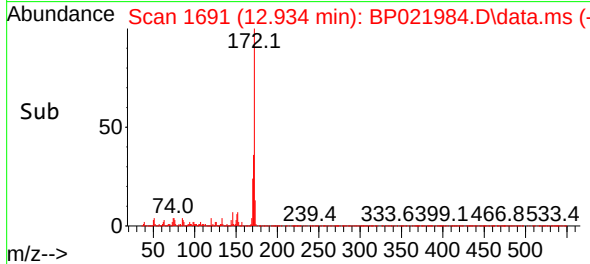
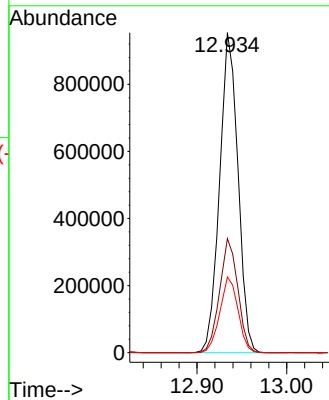
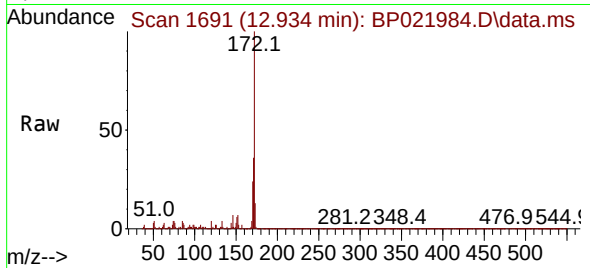
PB163571BS

Tgt Ion:172 Resp: 135450
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.7 18.8 28.2

Manual Integrations

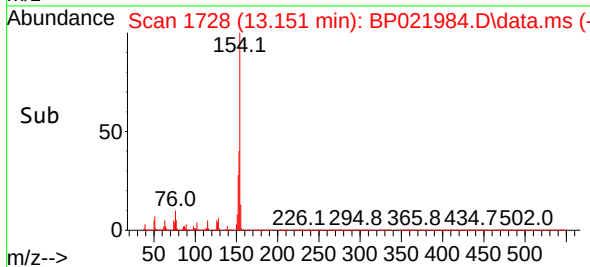
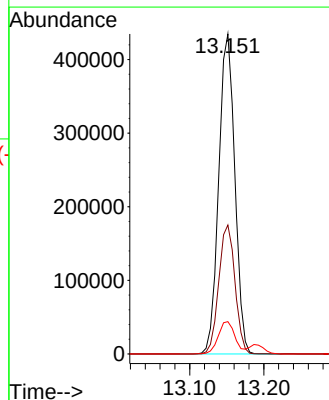
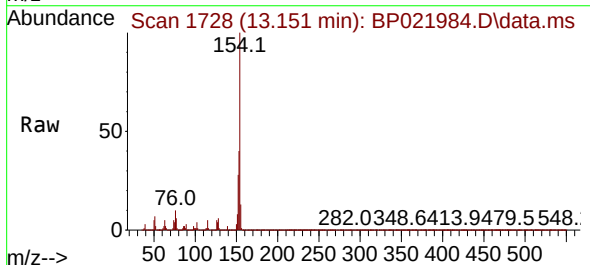
APPROVED

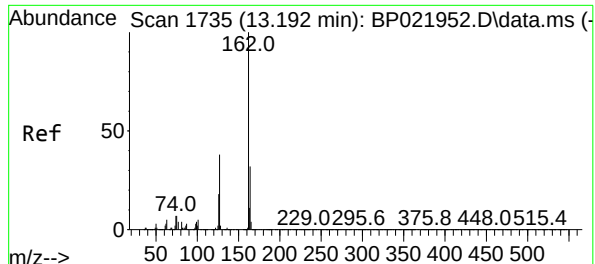
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#46
1,1'-Biphenyl
Concen: 38.355 ng
RT: 13.151 min Scan# 1728
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Tgt Ion:154 Resp: 654616
Ion Ratio Lower Upper
154 100
153 40.3 20.2 60.2
76 10.1 0.0 29.9





#47
2-Chloronaphthalene
Concen: 37.686 ng
RT: 13.187 min Scan# 1735
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Instrument :

BNA_P

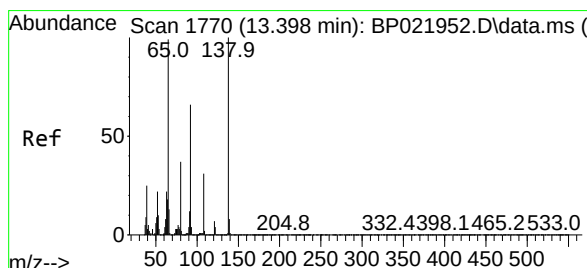
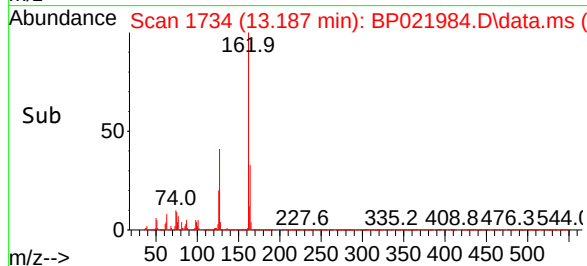
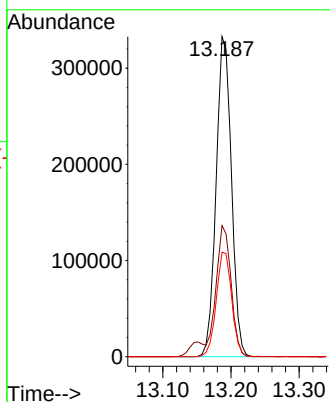
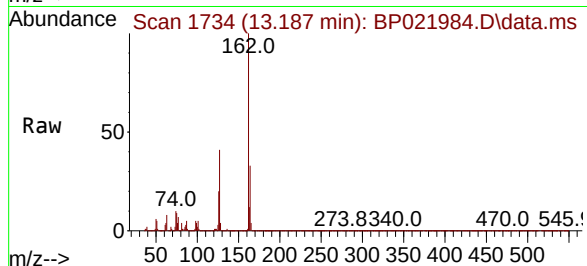
ClientSampleId :

PB163571BS

Tgt Ion: 162 Resp: 52007
Ion Ratio Lower Upper
162 100
127 40.9 31.7 47.5
164 32.7 25.9 38.9

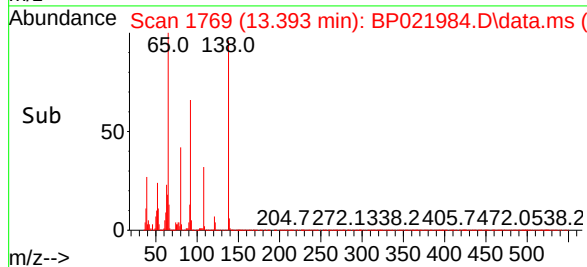
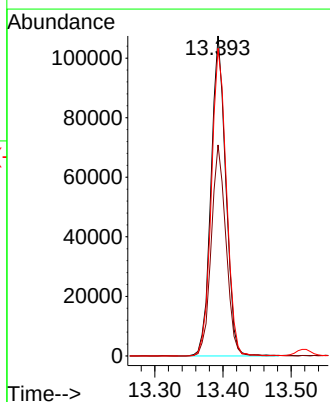
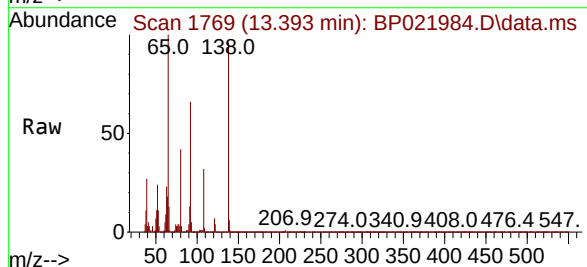
Manual Integrations
APPROVED

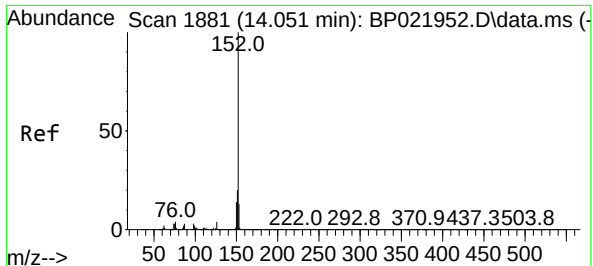
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#48
2-Nitroaniline
Concen: 42.954 ng
RT: 13.393 min Scan# 1769
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Tgt Ion: 65 Resp: 161863
Ion Ratio Lower Upper
65 100
92 66.0 53.2 79.8
138 96.2 81.1 121.7





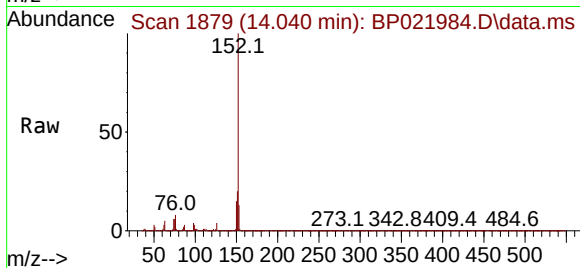
#49
Acenaphthylene
Concen: 43.483 ng
RT: 14.040 min Scan# 1879
Delta R.T. -0.012 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

PB163571BS

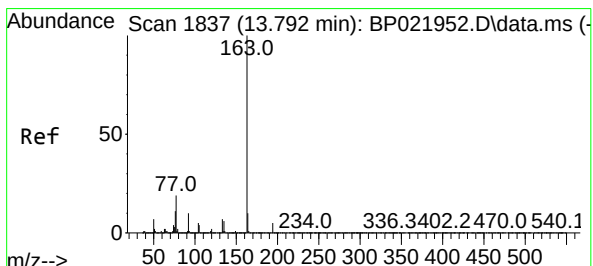
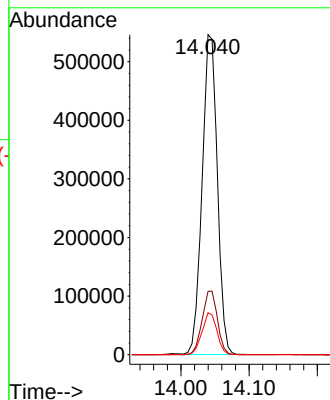
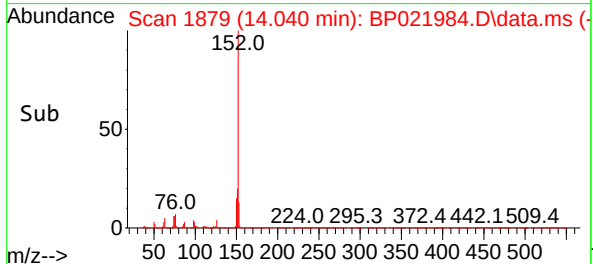


Tgt Ion:152 Resp: 846755
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 13.1 10.8 16.2

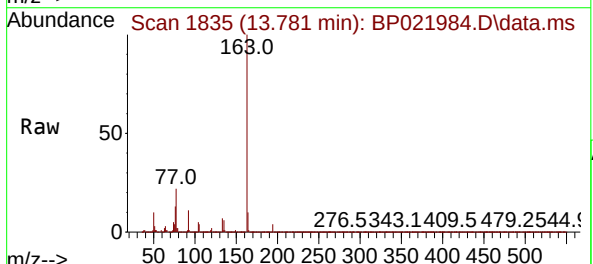
Manual Integrations

APPROVED

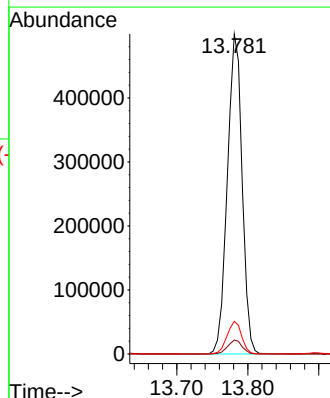
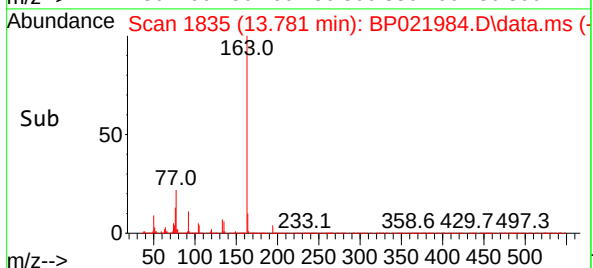
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

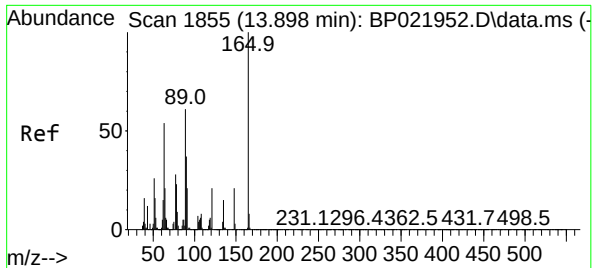


#50
Dimethylphthalate
Concen: 39.613 ng
RT: 13.781 min Scan# 1835
Delta R.T. -0.012 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09



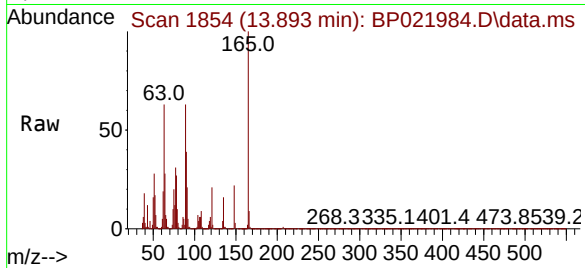
Tgt Ion:163 Resp: 719163
Ion Ratio Lower Upper
163 100
194 4.3 3.6 5.4
164 10.2 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 37.953 ng
RT: 13.893 min Scan# 1854
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

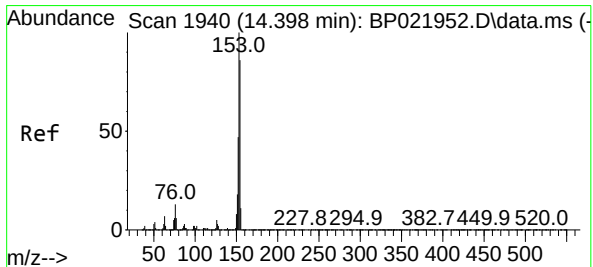
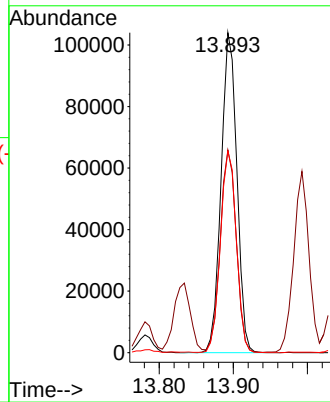
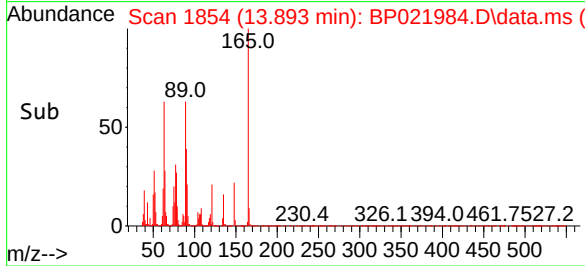
Instrument :
BNA_P
ClientSampleId :
PB163571BS



Tgt Ion:165 Resp: 153538
Ion Ratio Lower Upper
165 100
63 63.3 46.4 69.6
89 63.0 48.5 72.7

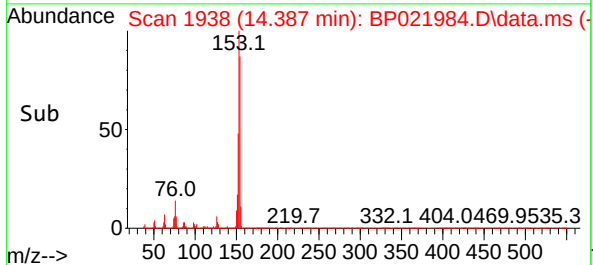
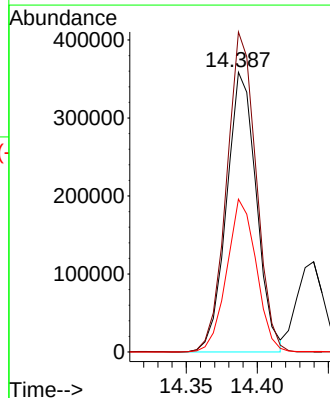
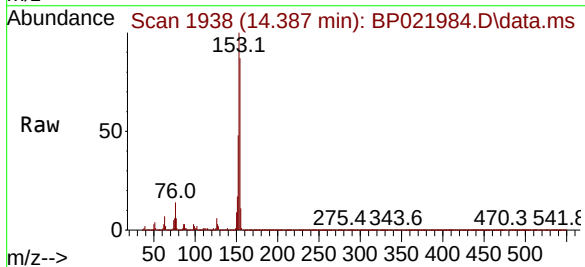
Manual Integrations
APPROVED

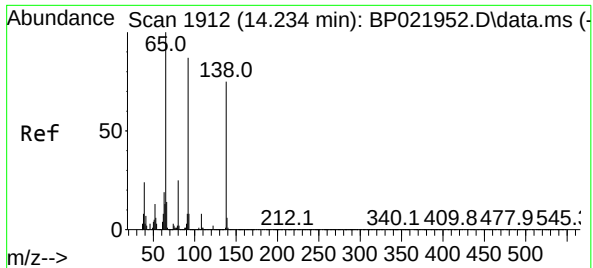
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#52
Acenaphthene
Concen: 41.342 ng
RT: 14.387 min Scan# 1938
Delta R.T. -0.012 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

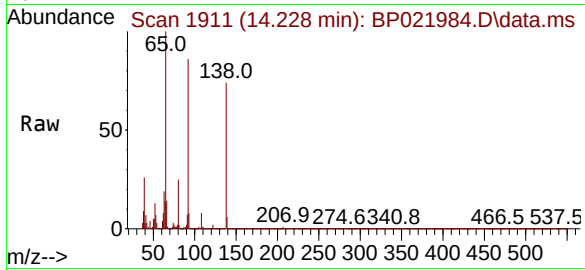
Tgt Ion:154 Resp: 523950
Ion Ratio Lower Upper
154 100
153 114.4 92.7 139.1
152 54.6 43.6 65.4





#53
3-Nitroaniline
Concen: 30.440 ng
RT: 14.228 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

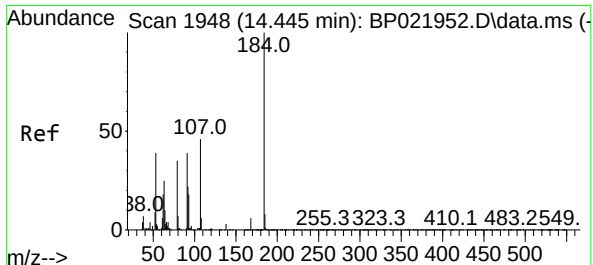
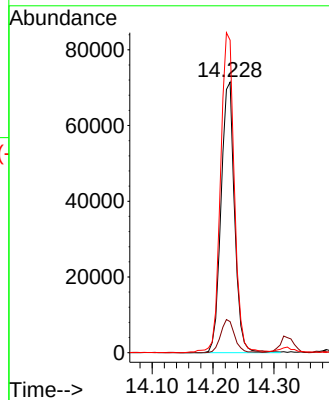
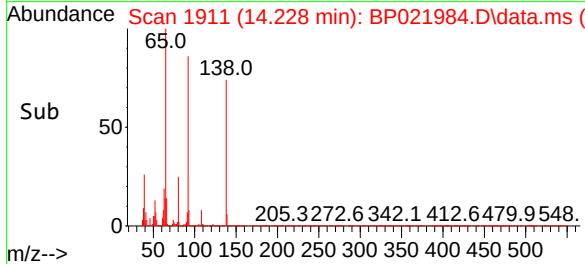
Instrument :
BNA_P
ClientSampleId :
PB163571BS



Tgt Ion:138 Resp: 109748
Ion Ratio Lower Upper
138 100
108 11.5 9.0 13.4
92 115.5 92.8 139.2

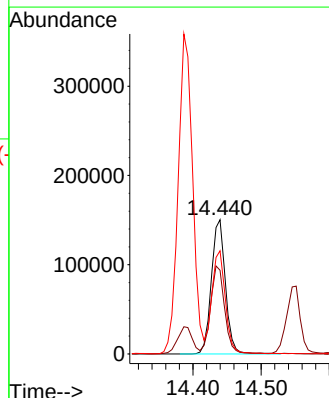
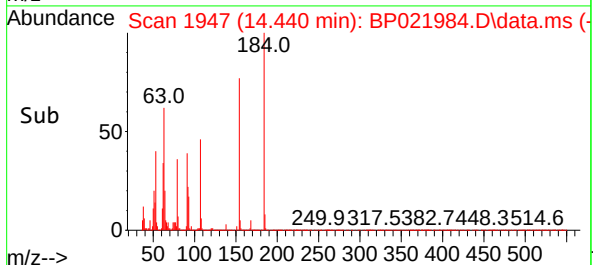
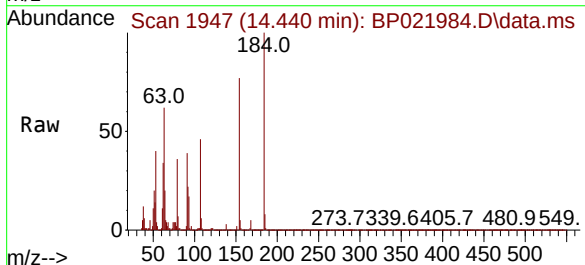
Manual Integrations
APPROVED

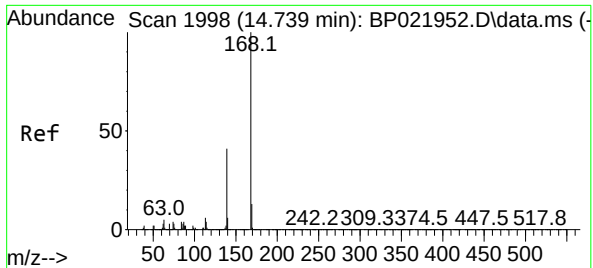
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#54
2,4-Dinitrophenol
Concen: 91.166 ng
RT: 14.440 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

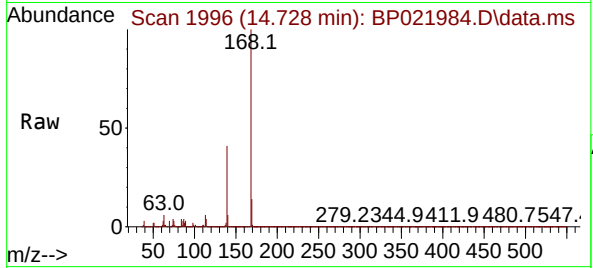
Tgt Ion:184 Resp: 216085
Ion Ratio Lower Upper
184 100
63 62.3 49.0 73.6
154 76.9 58.1 87.1





#55
Dibenzenofuran
Concen: 42.354 ng
RT: 14.728 min Scan# 1996
Delta R.T. -0.012 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

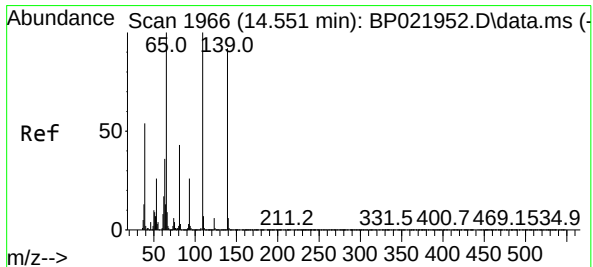
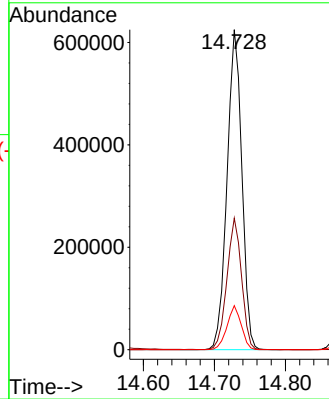
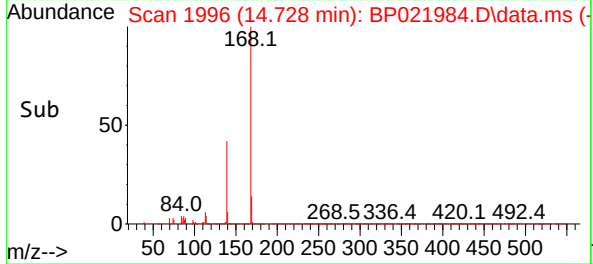
Instrument :
BNA_P
ClientSampleId :
PB163571BS



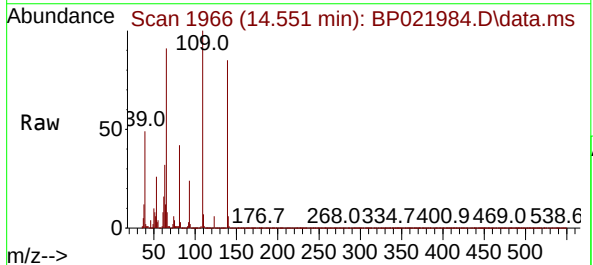
Tgt Ion:168 Resp: 902235
Ion Ratio Lower Upper
168 100
139 41.1 33.0 49.4
169 13.8 10.7 16.1

Manual Integrations
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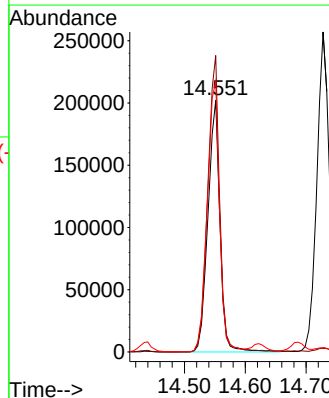
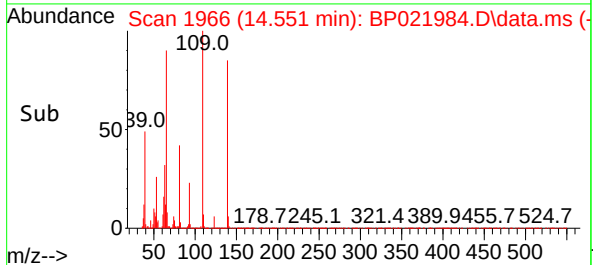
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

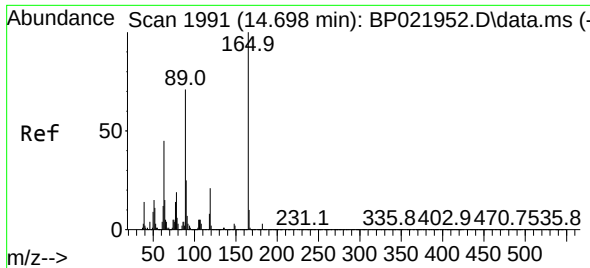


#56
4-Nitrophenol
Concen: 88.408 ng
RT: 14.551 min Scan# 1966
Delta R.T. 0.000 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09



Tgt Ion:139 Resp: 277437
Ion Ratio Lower Upper
139 100
109 117.9 88.6 128.6
65 107.6 88.7 128.7





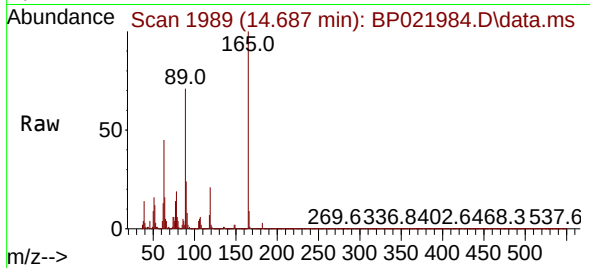
#57
2,4-Dinitrotoluene
Concen: 41.395 ng
RT: 14.687 min Scan# 1991
Delta R.T. -0.012 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

PB163571BS

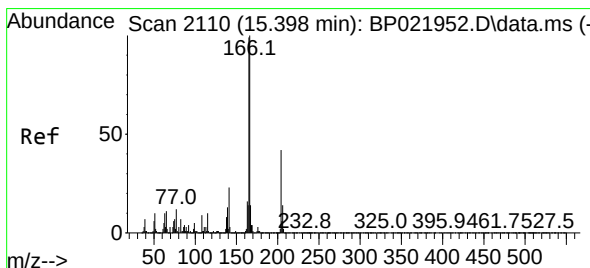
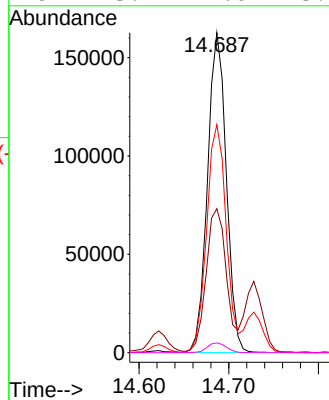
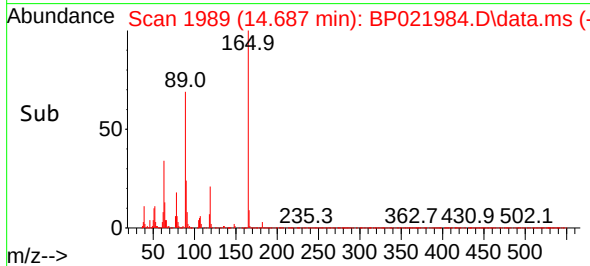


Tgt Ion:165 Resp: 236733
Ion Ratio Lower Upper
165 100
63 45.0 36.3 54.5
89 71.3 57.2 85.8
182 3.1 2.6 3.8

Manual Integrations

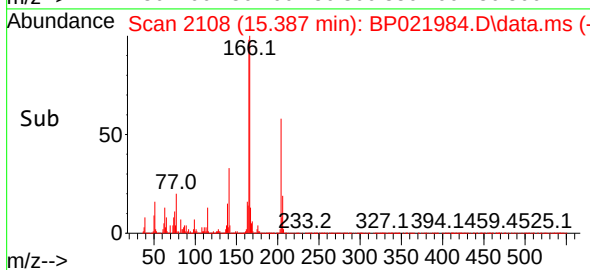
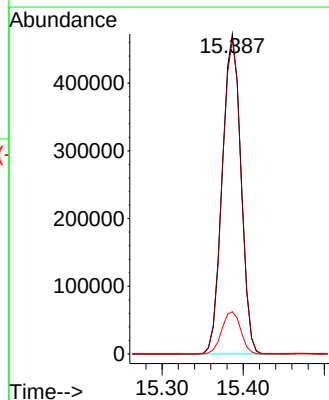
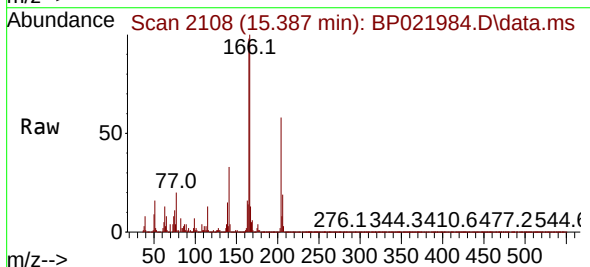
APPROVED

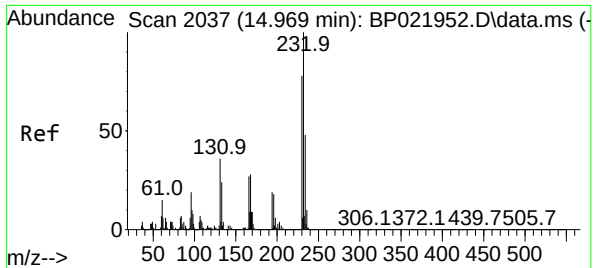
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#58
Fluorene
Concen: 42.503 ng
RT: 15.387 min Scan# 2108
Delta R.T. -0.012 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

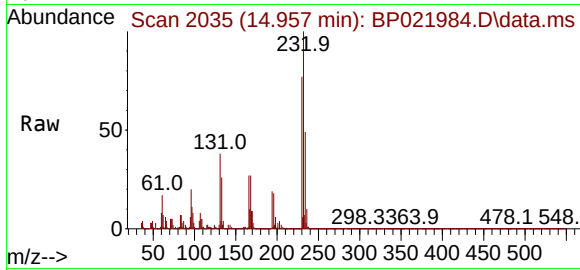
Tgt Ion:166 Resp: 756118
Ion Ratio Lower Upper
166 100
165 98.1 79.4 119.2
167 13.2 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.351 ng
RT: 14.957 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

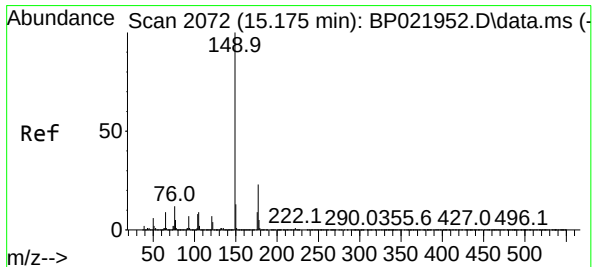
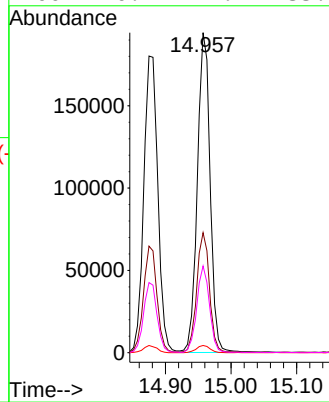
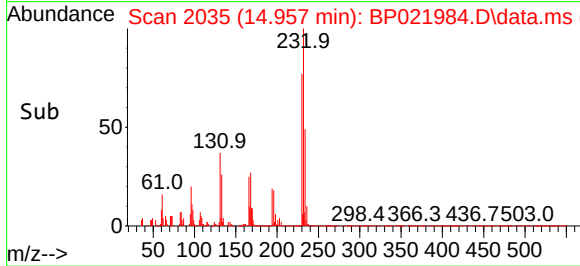
Instrument :
BNA_P
ClientSampleId :
PB163571BS



Tgt Ion:232 Resp: 263915
Ion Ratio Lower Upper
232 100
131 37.2 30.2 45.4
130 2.4 1.9 2.9
166 26.9 22.2 33.4

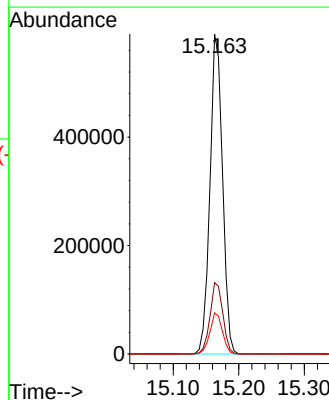
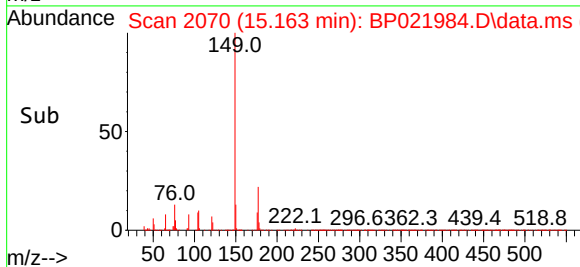
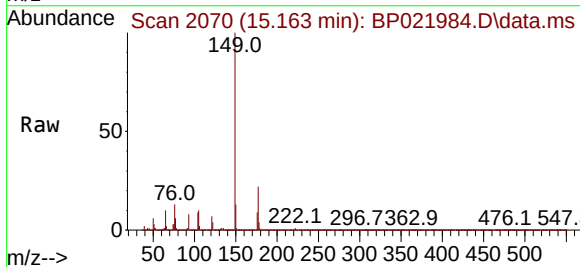
Manual Integrations
APPROVED

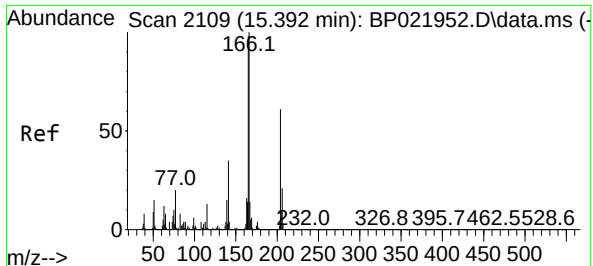
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#60
Diethylphthalate
Concen: 42.667 ng
RT: 15.163 min Scan# 2070
Delta R.T. -0.012 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

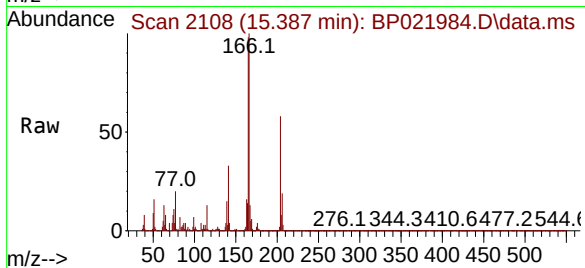
Tgt Ion:149 Resp: 787120
Ion Ratio Lower Upper
149 100
177 22.3 18.2 27.4
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 41.732 ng
RT: 15.387 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

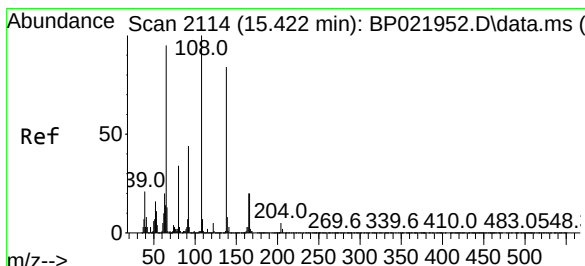
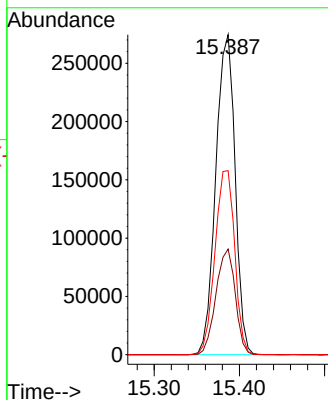
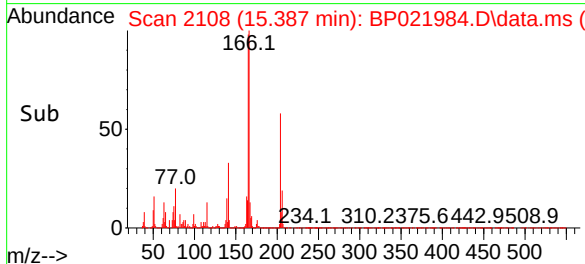
Instrument :
BNA_P
ClientSampleId :
PB163571BS



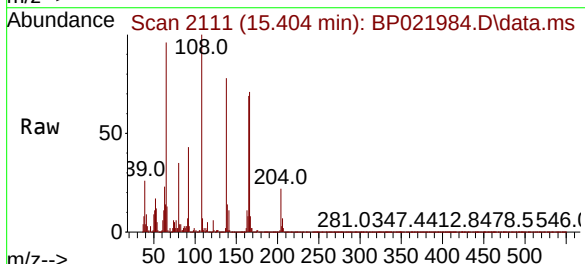
Tgt Ion:204 Resp: 432219
Ion Ratio Lower Upper
204 100
206 33.0 27.3 40.9
141 57.5 45.7 68.5

Manual Integrations
APPROVED

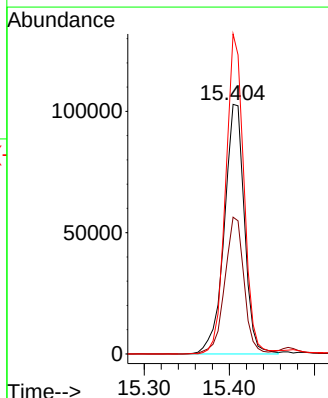
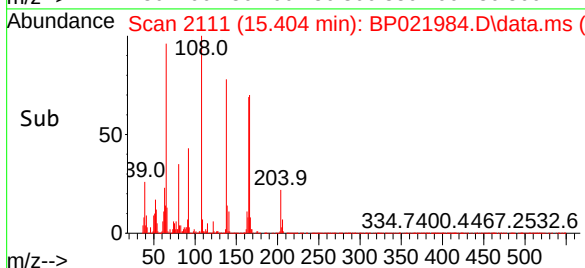
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

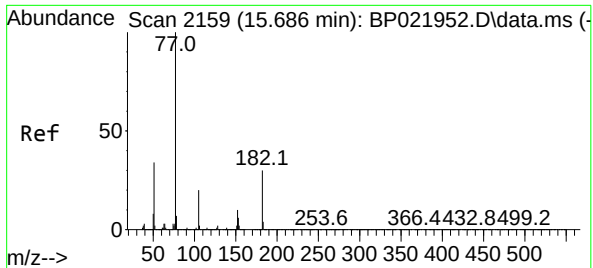


#62
4-Nitroaniline
Concen: 42.604 ng
RT: 15.404 min Scan# 2111
Delta R.T. -0.017 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09



Tgt Ion:138 Resp: 168902
Ion Ratio Lower Upper
138 100
92 54.8 32.6 72.6
108 128.2 98.6 138.6





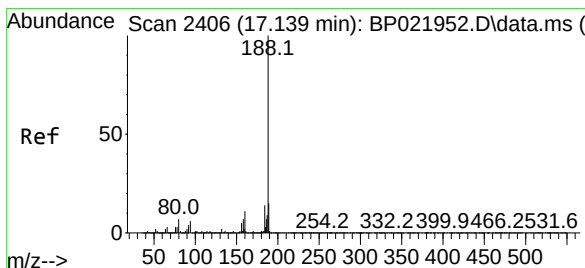
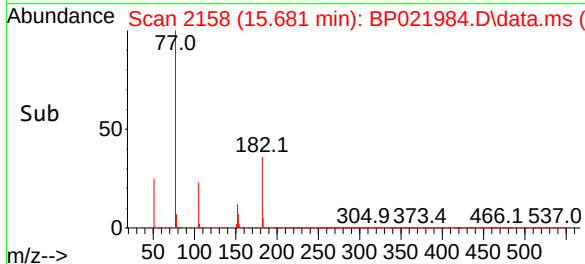
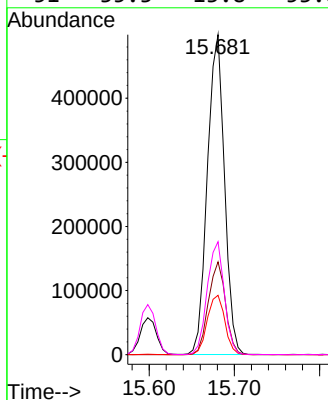
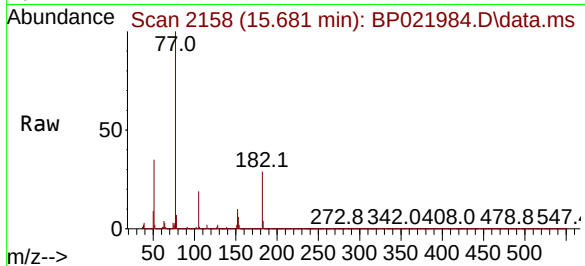
#63
Azobenzene
Concen: 45.757 ng
RT: 15.681 min Scan# 2159
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Instrument :
BNA_P
ClientSampleId :
PB163571BS

Tgt Ion: 77 Resp: 69855
Ion Ratio Lower Upper
77 100
182 29.0 9.6 49.6
105 18.5 0.0 39.8
51 35.3 13.8 53.8

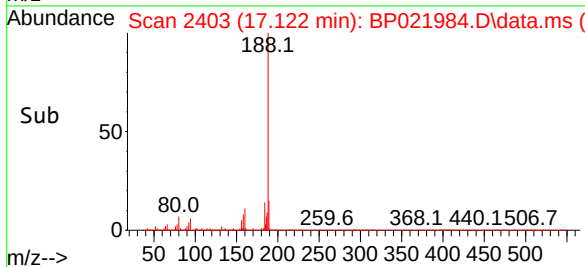
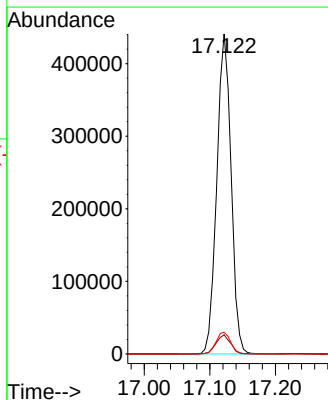
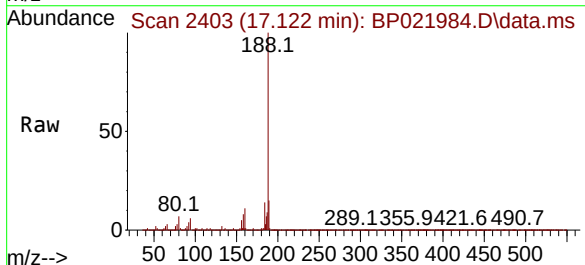
Manual Integrations
APPROVED

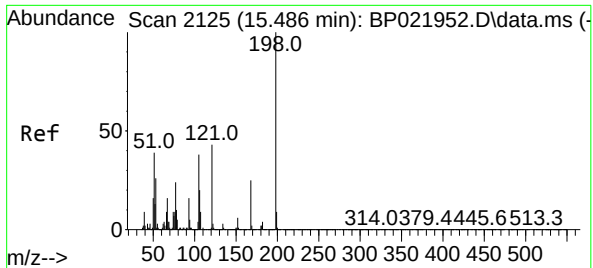
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.122 min Scan# 2403
Delta R.T. -0.017 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Tgt Ion:188 Resp: 664200
Ion Ratio Lower Upper
188 100
94 6.0 4.6 6.8
80 6.8 5.4 8.2





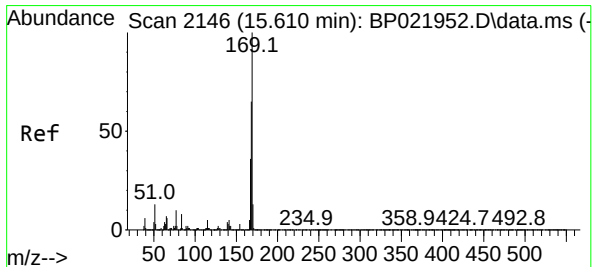
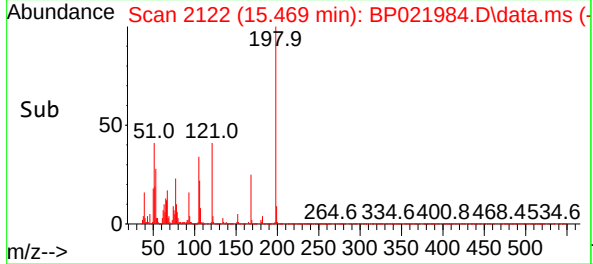
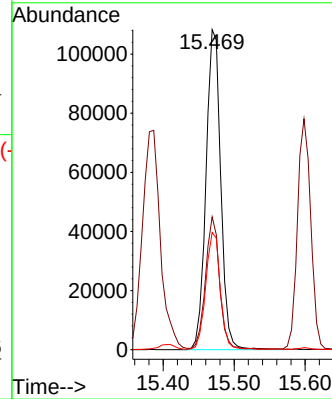
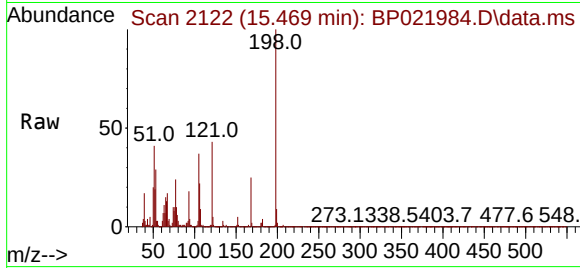
#65
4,6-Dinitro-2-methylphenol
Concen: 40.638 ng
RT: 15.469 min Scan# 2125
Delta R.T. -0.017 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Instrument :
BNA_P
ClientSampleId :
PB163571BS

Tgt Ion:198 Resp: 156452
Ion Ratio Lower Upper
198 100
51 41.5 20.7 60.7
105 36.6 18.4 58.4

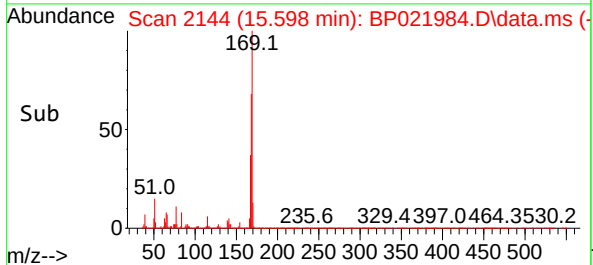
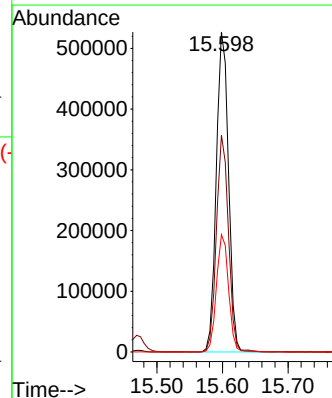
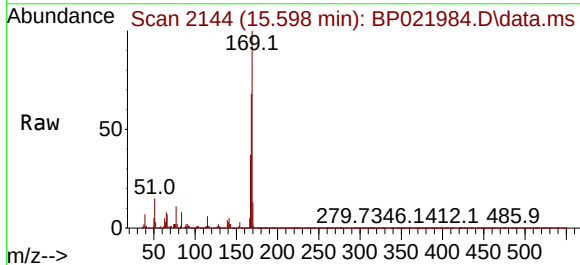
Manual Integrations
APPROVED

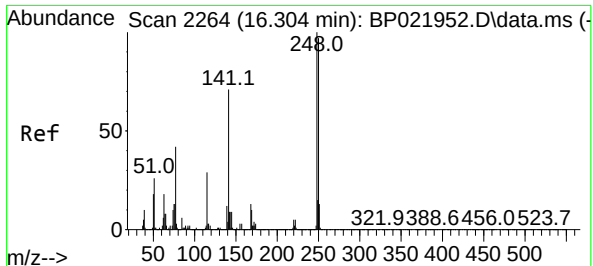
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#66
n-Nitrosodiphenylamine
Concen: 41.153 ng
RT: 15.598 min Scan# 2144
Delta R.T. -0.012 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Tgt Ion:169 Resp: 680611
Ion Ratio Lower Upper
169 100
168 67.7 52.2 78.4
167 36.7 28.6 42.8





#67

4-Bromophenyl-phenylether

Concen: 40.426 ng

RT: 16.292 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP021984.D

Acq: 23 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

PB163571BS

Tgt Ion:248 Resp: 31300

Ion Ratio Lower Upper

248 100

250 97.9 77.5 116.3

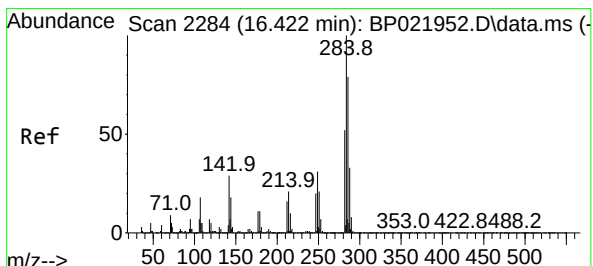
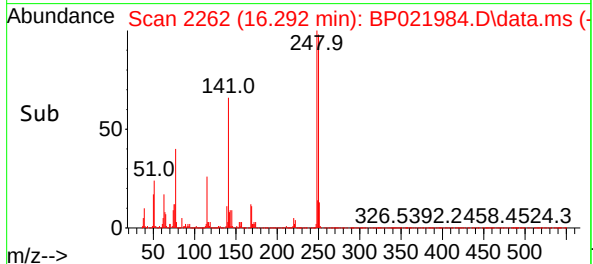
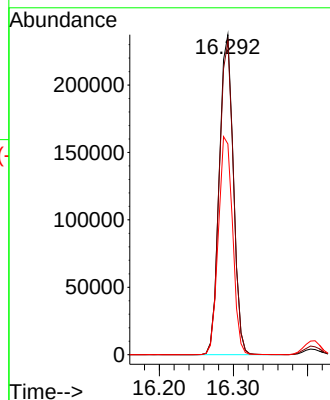
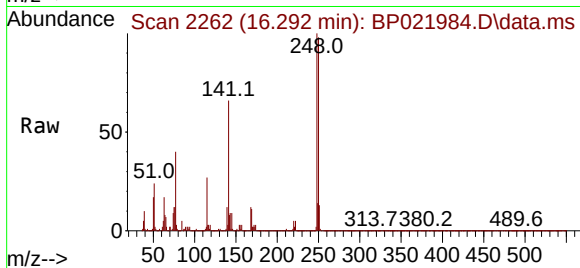
141 65.8 56.5 84.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#68

Hexachlorobenzene

Concen: 39.544 ng

RT: 16.410 min Scan# 2282

Delta R.T. -0.012 min

Lab File: BP021984.D

Acq: 23 Sep 2024 16:09

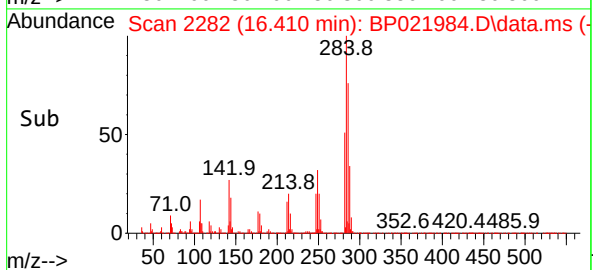
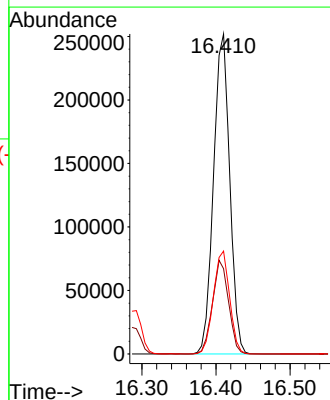
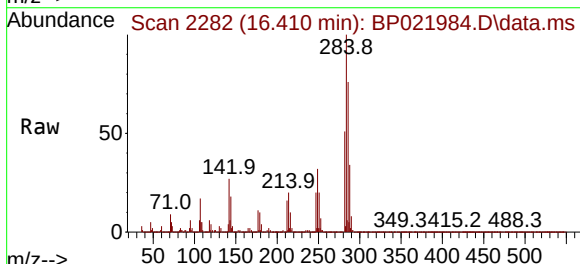
Tgt Ion:284 Resp: 381733

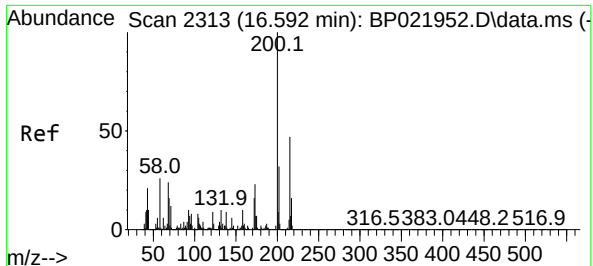
Ion Ratio Lower Upper

284 100

142 26.6 22.9 34.3

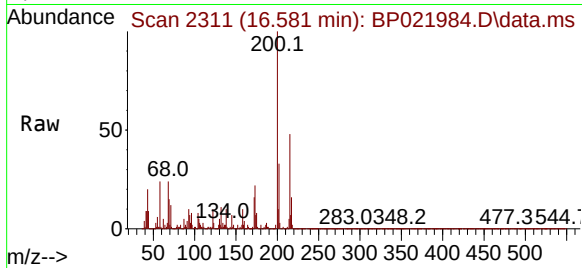
249 32.2 25.2 37.8





#69
Atrazine
Concen: 52.044 ng
RT: 16.581 min Scan# 211
Delta R.T. -0.012 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

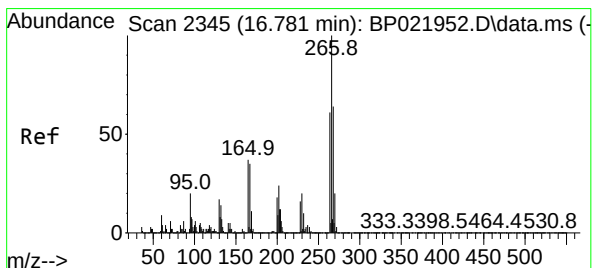
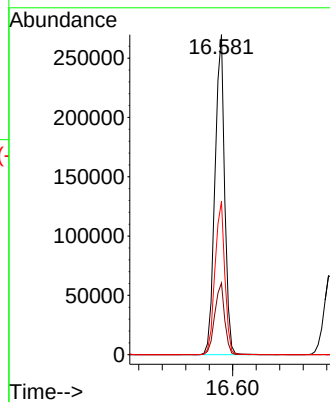
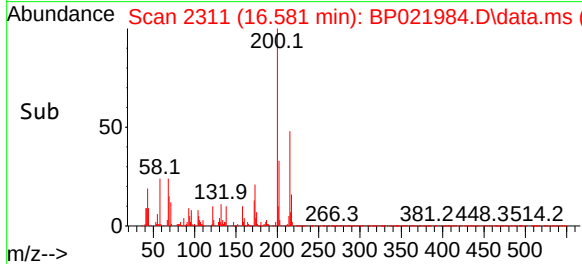
Instrument :
BNA_P
ClientSampleId :
PB163571BS



Tgt Ion:200 Resp: 30838
Ion Ratio Lower Upper
200 100
173 22.4 3.0 43.0
215 47.9 27.4 67.4

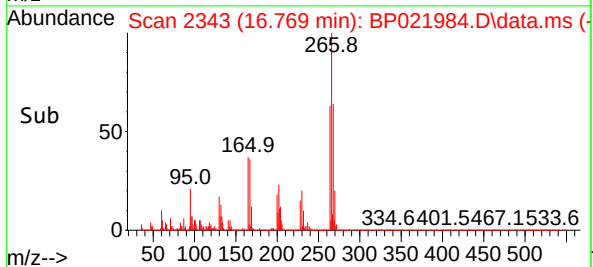
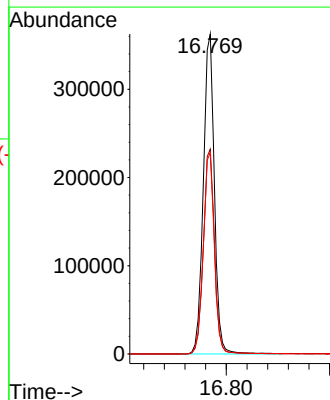
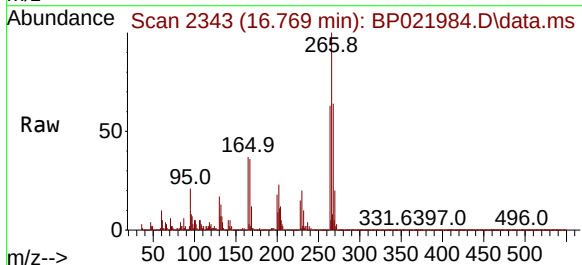
Manual Integrations
APPROVED

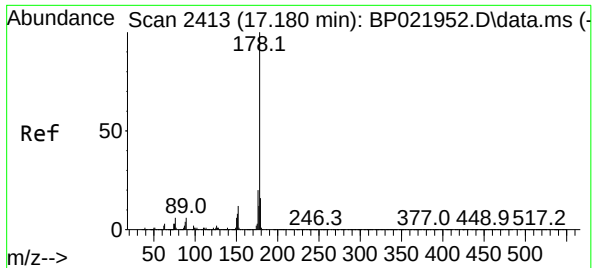
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#70
Pentachlorophenol
Concen: 82.722 ng
RT: 16.769 min Scan# 2343
Delta R.T. -0.012 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

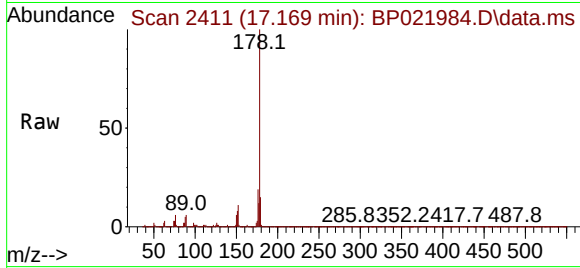
Tgt Ion:266 Resp: 537243
Ion Ratio Lower Upper
266 100
268 64.0 51.1 76.7
264 63.0 48.6 72.8





#71
Phenanthrene
Concen: 42.010 ng
RT: 17.169 min Scan# 2411
Delta R.T. -0.012 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

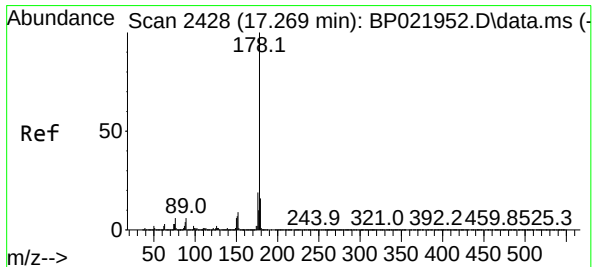
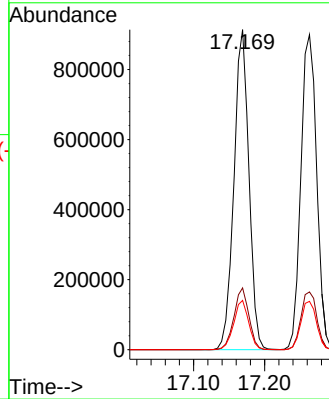
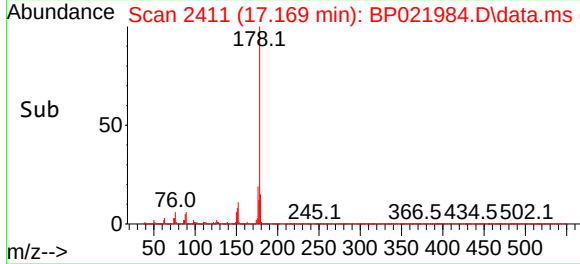
Instrument :
BNA_P
ClientSampleId :
PB163571BS



Tgt Ion:178 Resp: 1339440
Ion Ratio Lower Upper
178 100
176 19.3 15.9 23.9
179 15.4 12.5 18.7

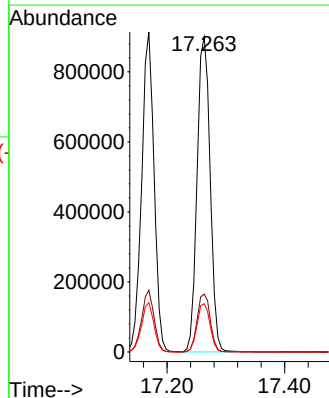
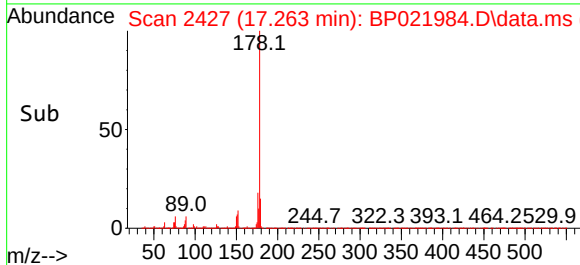
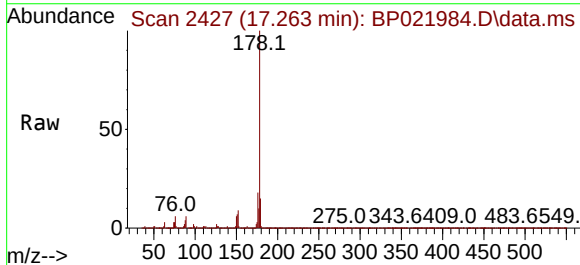
Manual Integrations
APPROVED

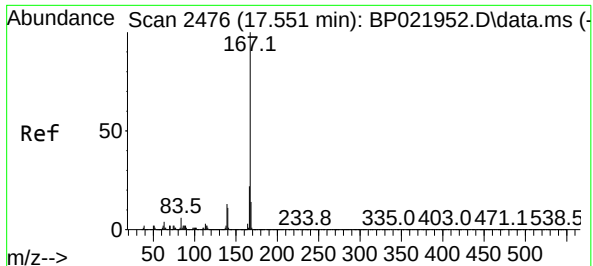
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#72
Anthracene
Concen: 44.840 ng
RT: 17.263 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

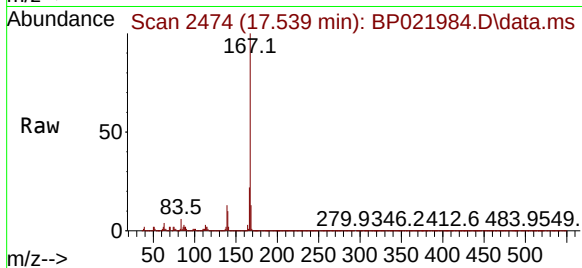
Tgt Ion:178 Resp: 1383960
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.6
179 15.3 12.6 18.8





#73
 Carbazole
 Concen: 42.210 ng
 RT: 17.539 min Scan# 2476
 Delta R.T. -0.012 min
 Lab File: BP021984.D
 Acq: 23 Sep 2024 16:09

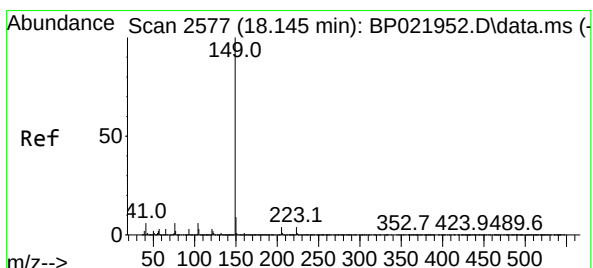
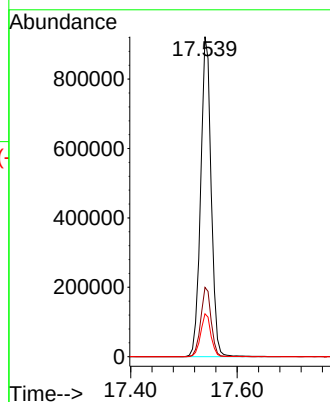
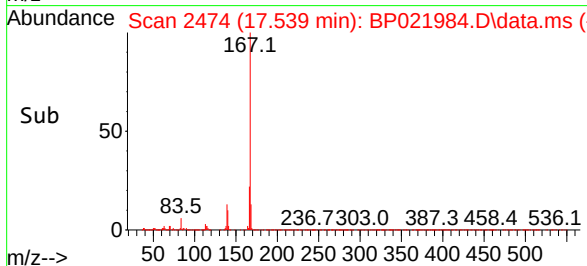
Instrument :
 BNA_P
 ClientSampleId :
 PB163571BS



Tgt Ion:167 Resp: 1258290
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 13.4 10.5 15.7

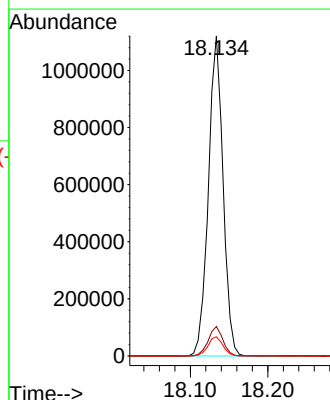
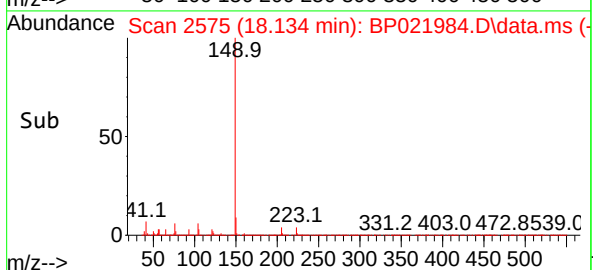
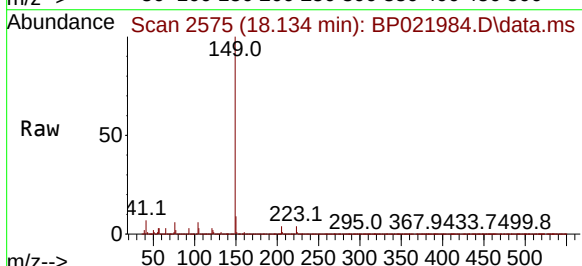
Manual Integrations
 APPROVED

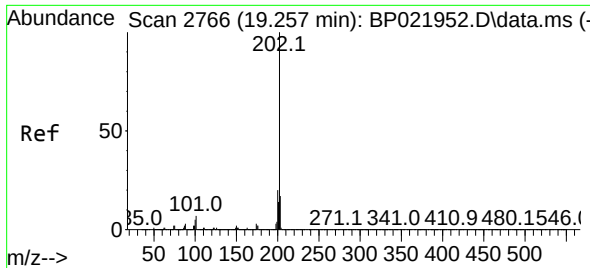
Reviewed By :Yogesh Patel 09/25/2024
 Supervised By :mohammad ahmed 09/25/2024



#74
 Di-n-butylphthalate
 Concen: 42.041 ng
 RT: 18.134 min Scan# 2575
 Delta R.T. -0.012 min
 Lab File: BP021984.D
 Acq: 23 Sep 2024 16:09

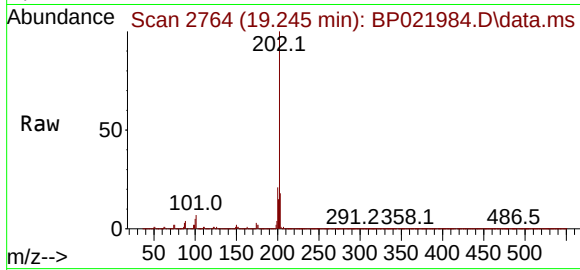
Tgt Ion:149 Resp: 1471923
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 6.0 4.6 6.8





#75
Fluoranthene
Concen: 42.109 ng
RT: 19.245 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

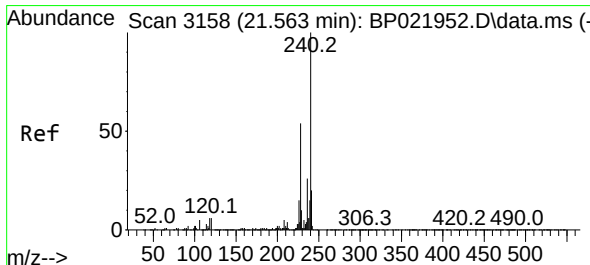
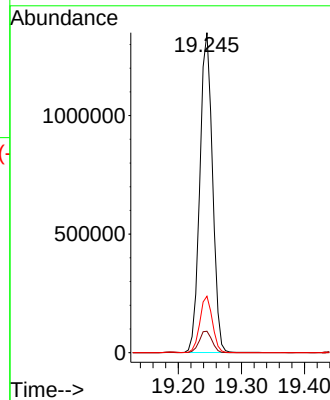
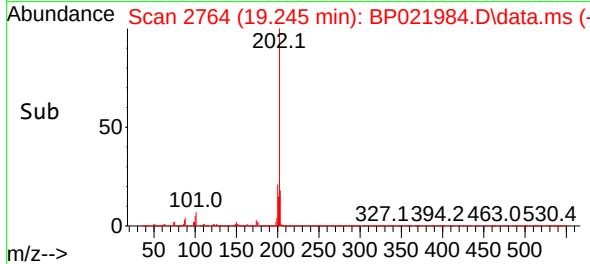
Instrument :
BNA_P
ClientSampleId :
PB163571BS



Tgt Ion:202 Resp: 1873994
Ion Ratio Lower Upper
202 100
101 6.7 0.0 26.5
203 17.6 0.0 37.3

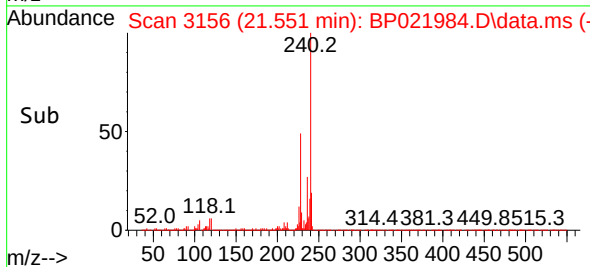
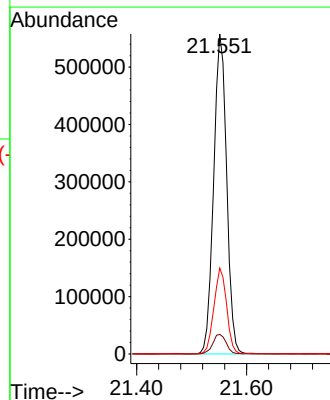
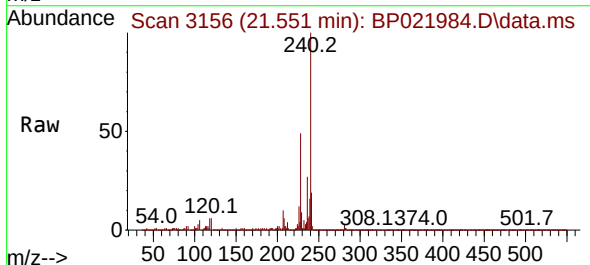
Manual Integrations
APPROVED

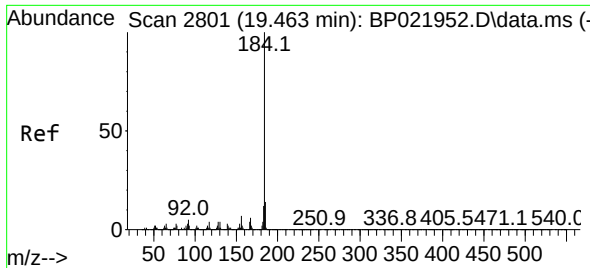
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.551 min Scan# 3156
Delta R.T. -0.012 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Tgt Ion:240 Resp: 916192
Ion Ratio Lower Upper
240 100
120 6.1 5.1 7.7
236 26.9 20.7 31.1





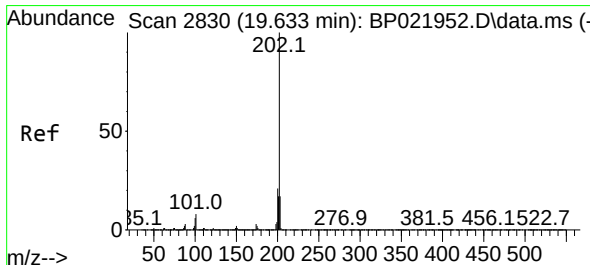
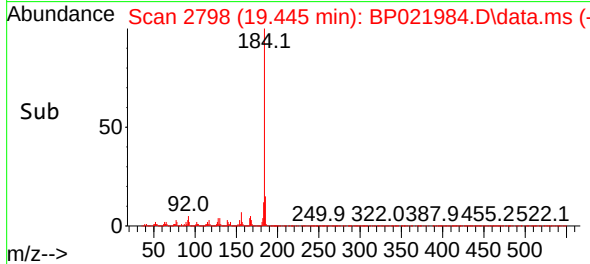
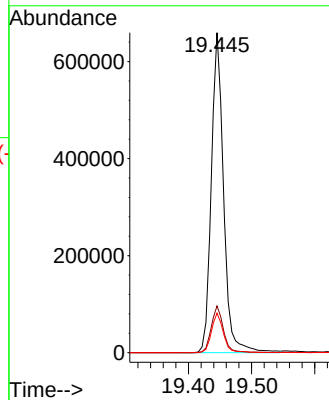
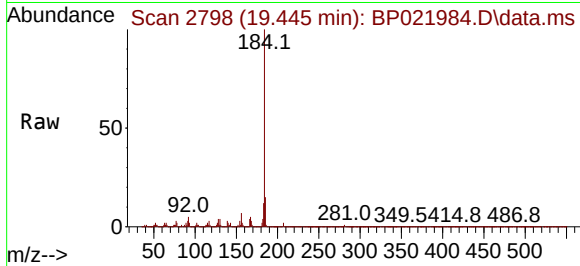
#77
Benzidine
Concen: 79.753 ng
RT: 19.445 min Scan# 21
Delta R.T. -0.017 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Instrument :
BNA_P
ClientSampleId :
PB163571BS

Tgt Ion:184 Resp: 892938
Ion Ratio Lower Upper
184 100
185 14.6 10.9 16.3
183 12.3 9.2 13.8

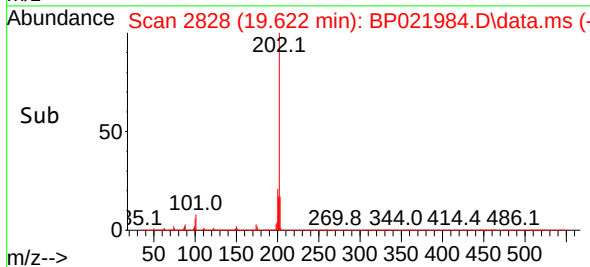
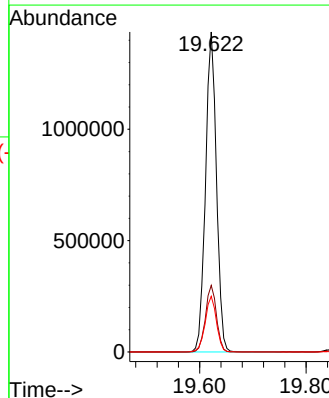
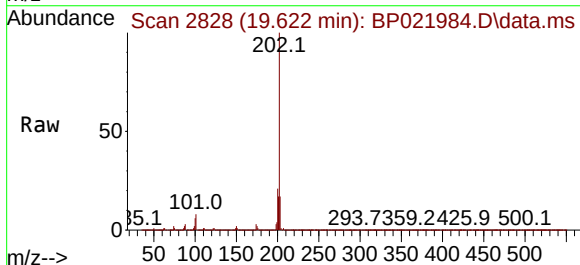
Manual Integrations
APPROVED

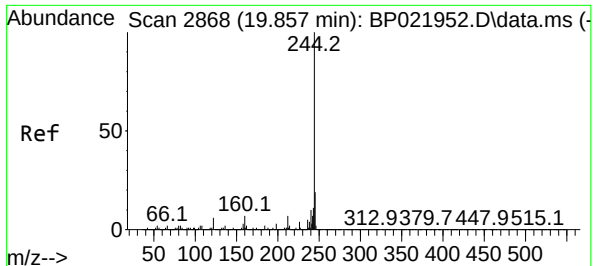
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#78
Pyrene
Concen: 36.793 ng
RT: 19.622 min Scan# 2828
Delta R.T. -0.012 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Tgt Ion:202 Resp: 2039206
Ion Ratio Lower Upper
202 100
200 20.8 16.8 25.2
203 17.4 13.8 20.8





#79

Terphenyl-d14

Concen: 76.991 ng

RT: 19.845 min Scan# 2868

Delta R.T. -0.012 min

Lab File: BP021984.D

Acq: 23 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

PB163571BS

Tgt Ion:244 Resp: 375506

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

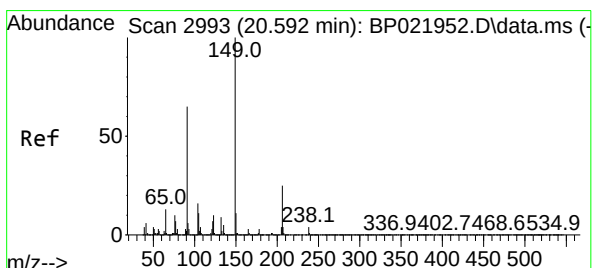
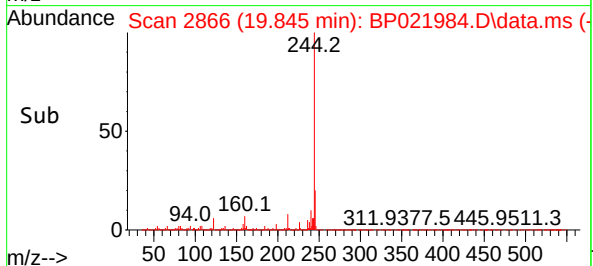
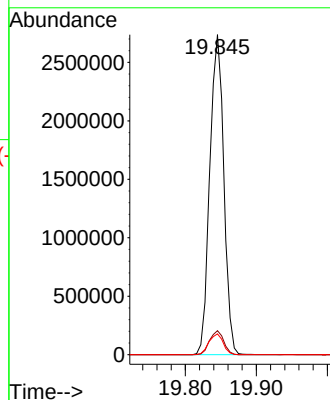
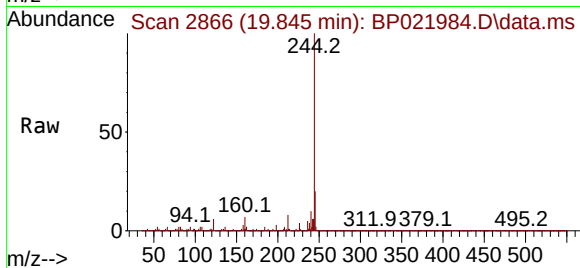
122 6.5 5.0 7.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#80

Butylbenzylphthalate

Concen: 40.094 ng

RT: 20.575 min Scan# 2990

Delta R.T. -0.017 min

Lab File: BP021984.D

Acq: 23 Sep 2024 16:09

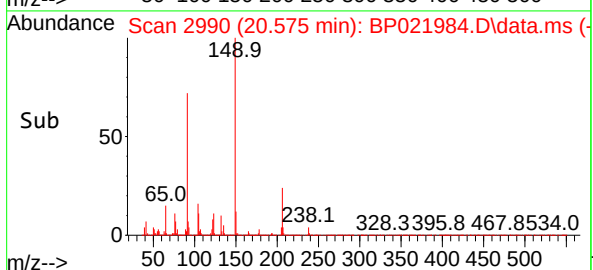
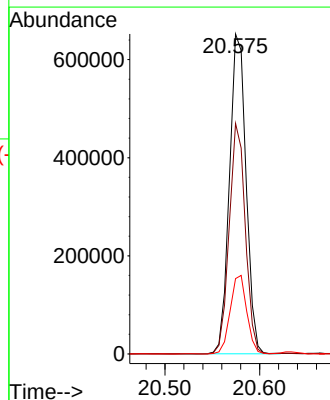
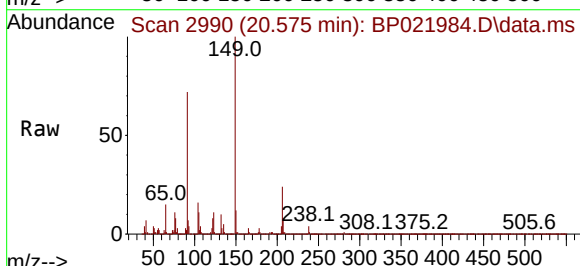
Tgt Ion:149 Resp: 792577

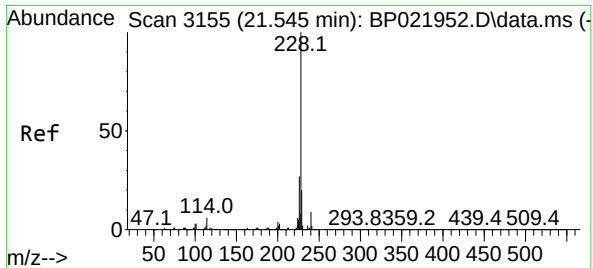
Ion Ratio Lower Upper

149 100

91 72.0 51.9 77.9

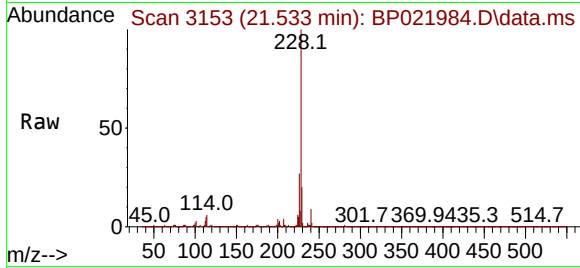
206 23.5 20.1 30.1





#81
Benzo(a)anthracene
Concen: 41.348 ng
RT: 21.533 min Scan# 3153
Delta R.T. -0.012 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

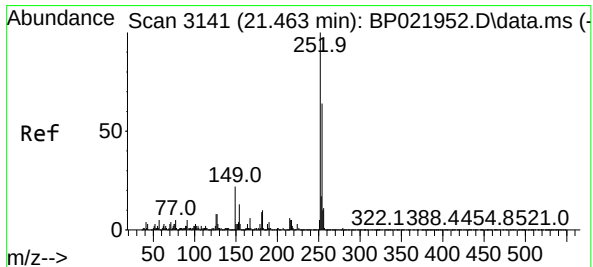
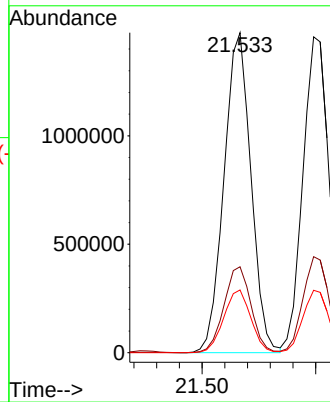
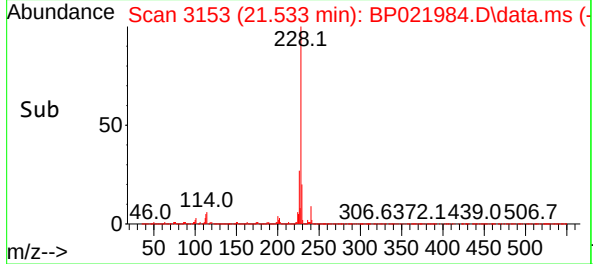
Instrument :
BNA_P
ClientSampleId :
PB163571BS



Tgt Ion:228 Resp: 2434215
Ion Ratio Lower Upper
228 100
226 26.9 21.5 32.3
229 19.6 15.7 23.5

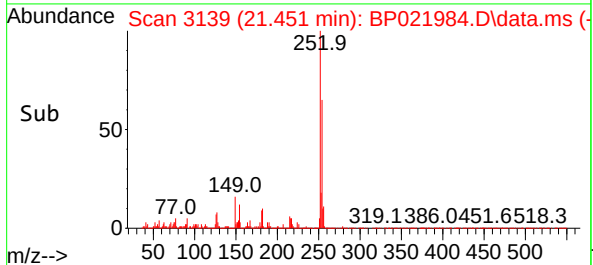
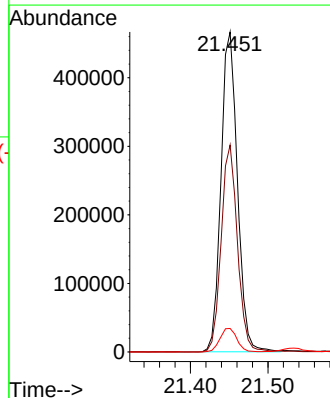
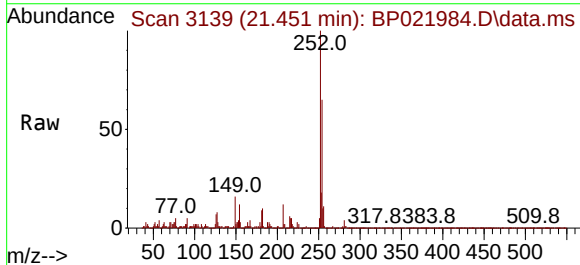
Manual Integrations
APPROVED

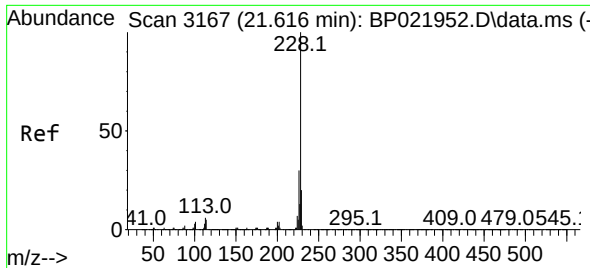
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#82
3,3'-Dichlorobenzidine
Concen: 32.289 ng
RT: 21.451 min Scan# 3139
Delta R.T. -0.012 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

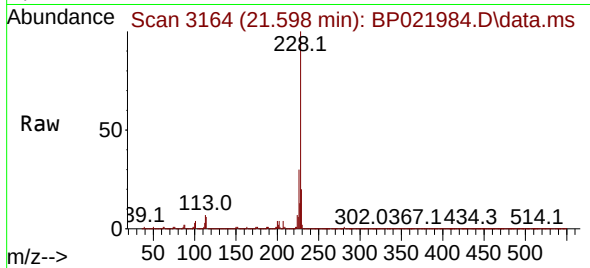
Tgt Ion:252 Resp: 689701
Ion Ratio Lower Upper
252 100
254 64.7 51.4 77.2
126 7.4 6.2 9.4





#83
Chrysene
Concen: 41.668 ng
RT: 21.598 min Scan# 3164
Delta R.T. -0.017 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

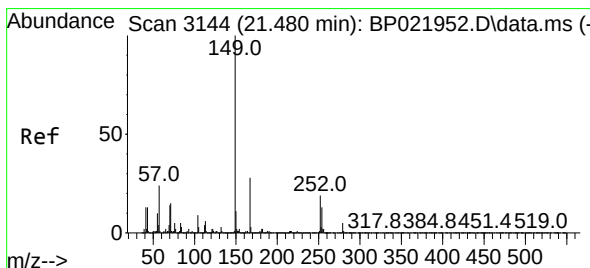
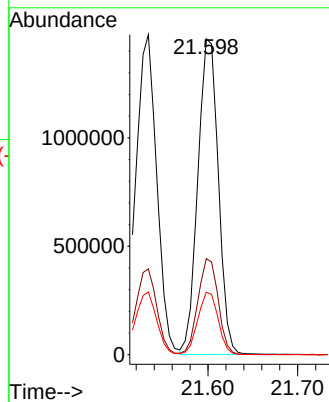
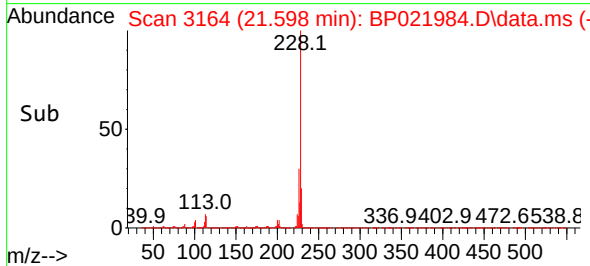
Instrument :
BNA_P
ClientSampleId :
PB163571BS



Tgt Ion:228 Resp: 2309659
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.4
229 19.7 15.7 23.5

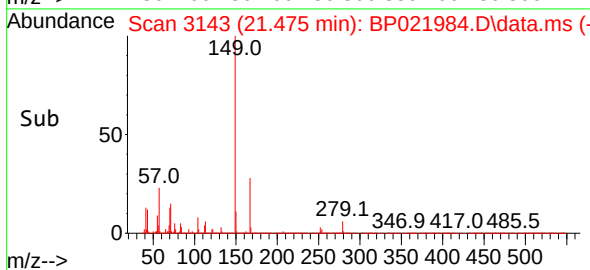
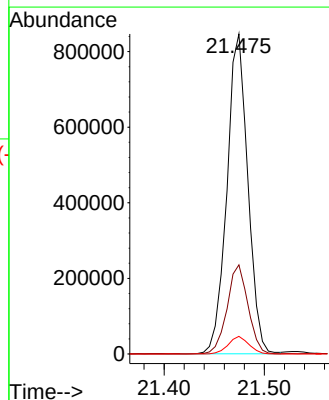
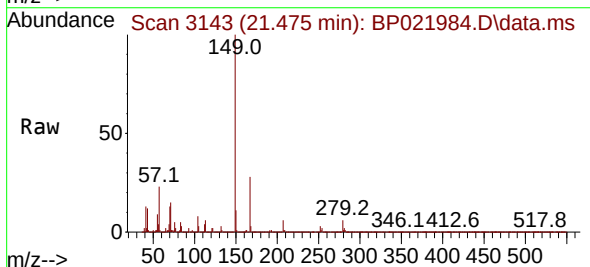
Manual Integrations
APPROVED

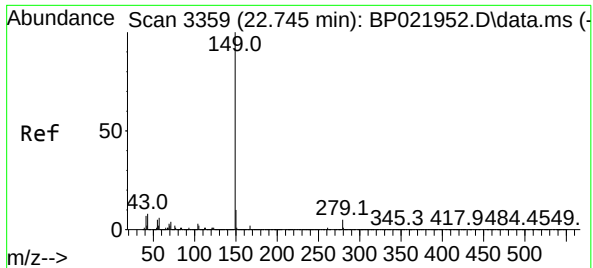
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.239 ng
RT: 21.475 min Scan# 3143
Delta R.T. -0.006 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

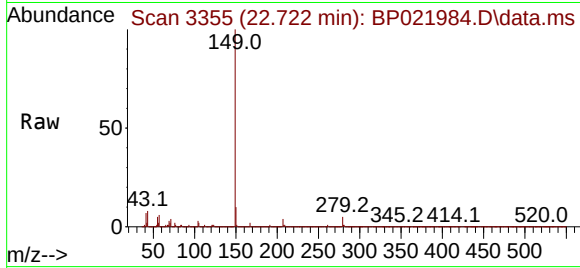
Tgt Ion:149 Resp: 1225482
Ion Ratio Lower Upper
149 100
167 27.8 22.3 33.5
279 5.5 4.2 6.2





#85
Di-n-octyl phthalate
Concen: 45.427 ng
RT: 22.722 min Scan# 31
Delta R.T. -0.023 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

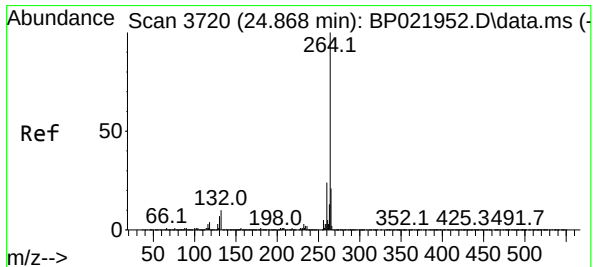
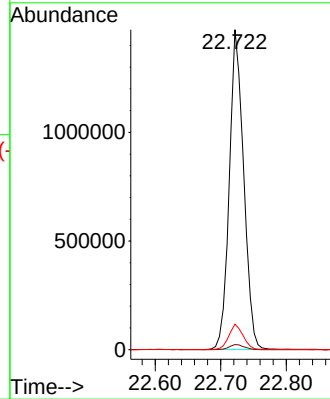
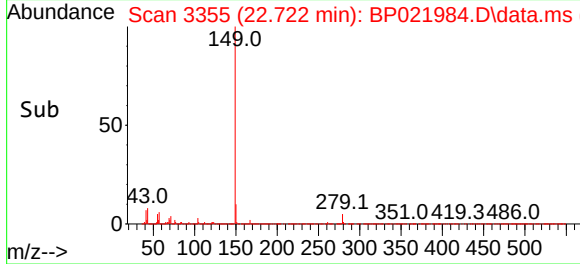
Instrument :
BNA_P
ClientSampleId :
PB163571BS



Tgt Ion:149 Resp: 2238499
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 7.9 6.2 9.4

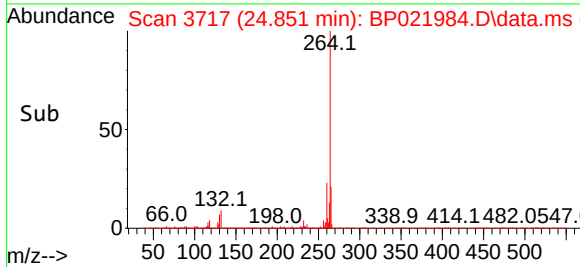
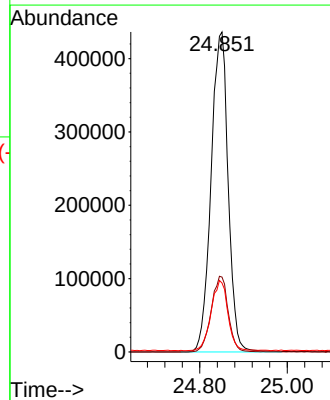
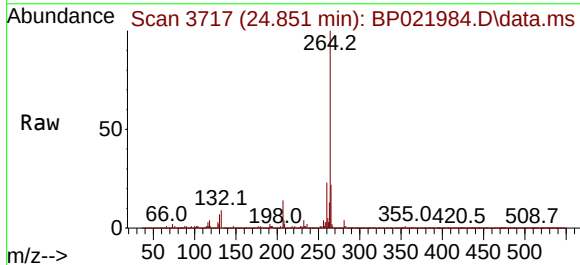
Manual Integrations
APPROVED

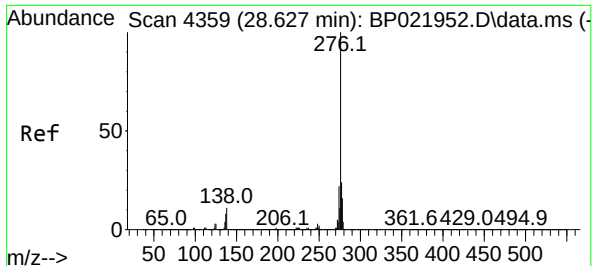
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.851 min Scan# 3717
Delta R.T. -0.017 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

Tgt Ion:264 Resp: 1182765
Ion Ratio Lower Upper
264 100
260 23.4 18.9 28.3
265 21.6 17.5 26.3





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.900 ng
 RT: 28.586 min Scan# 41
 Delta R.T. -0.041 min
 Lab File: BP021984.D
 Acq: 23 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

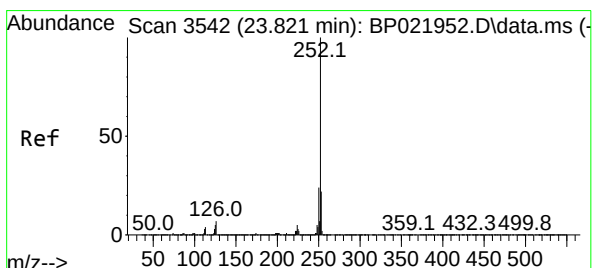
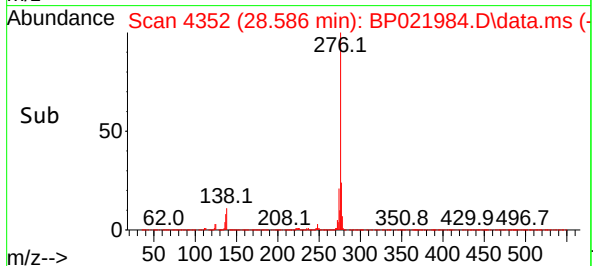
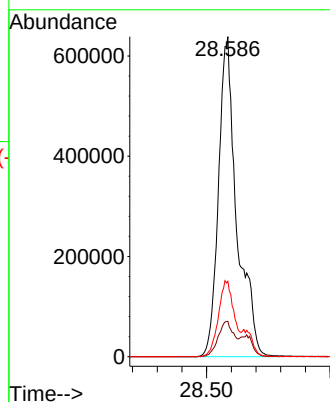
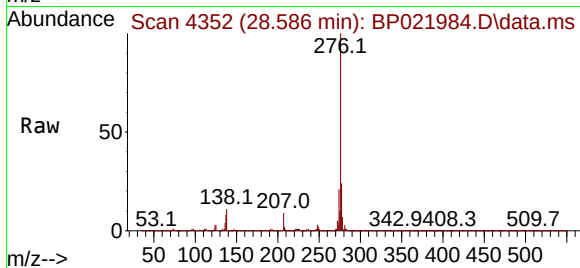
PB163571BS

Tgt Ion:276 Resp: 3296089
 Ion Ratio Lower Upper
 276 100
 138 9.5 7.8 11.8
 277 20.6 20.5 30.7

Manual Integrations

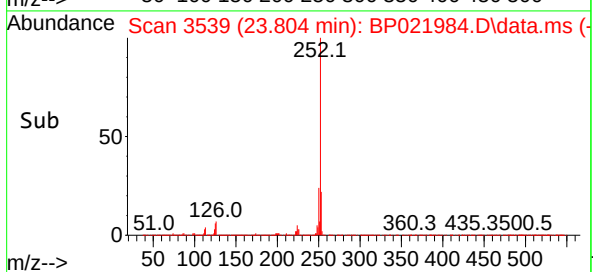
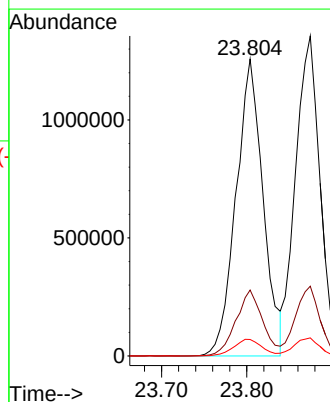
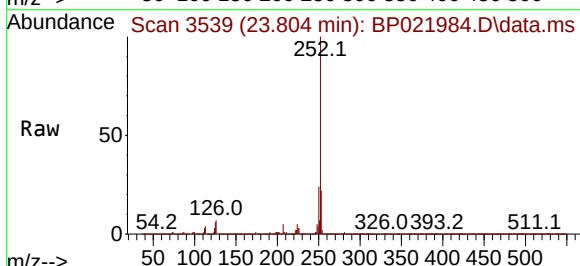
APPROVED

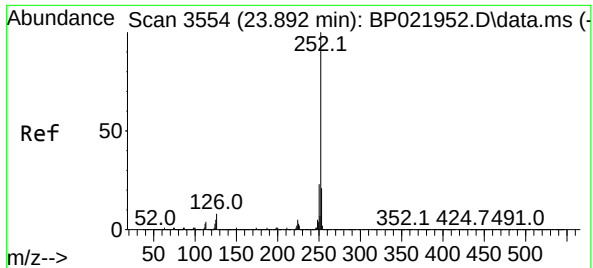
Reviewed By :Yogesh Patel 09/25/2024
 Supervised By :mohammad ahmed 09/25/2024



#88
 Benzo(b)fluoranthene
 Concen: 39.697 ng
 RT: 23.804 min Scan# 3539
 Delta R.T. -0.017 min
 Lab File: BP021984.D
 Acq: 23 Sep 2024 16:09

Tgt Ion:252 Resp: 2776804
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.4 26.0
 125 5.6 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 40.855 ng

RT: 23.874 min Scan# 3554

Delta R.T. -0.017 min

Lab File: BP021984.D

Acq: 23 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

PB163571BS

Tgt Ion:252 Resp: 270446

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

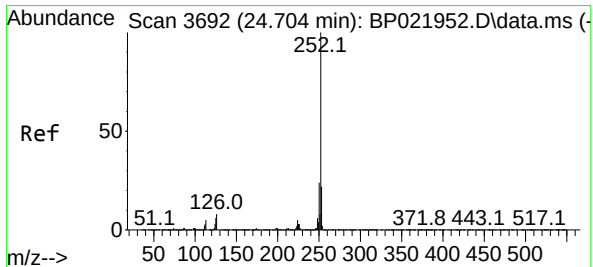
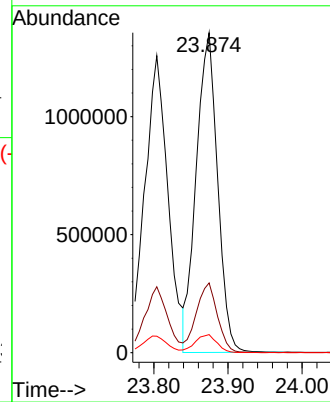
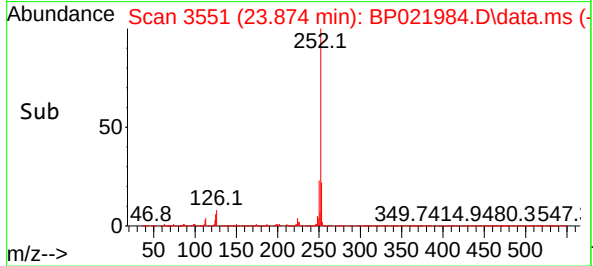
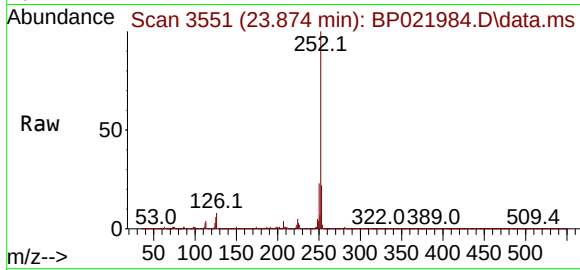
125 5.6 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#90

Benzo(a)pyrene

Concen: 43.898 ng

RT: 24.692 min Scan# 3690

Delta R.T. -0.012 min

Lab File: BP021984.D

Acq: 23 Sep 2024 16:09

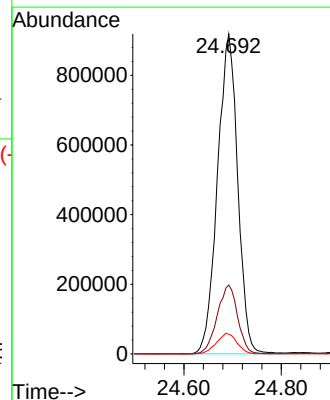
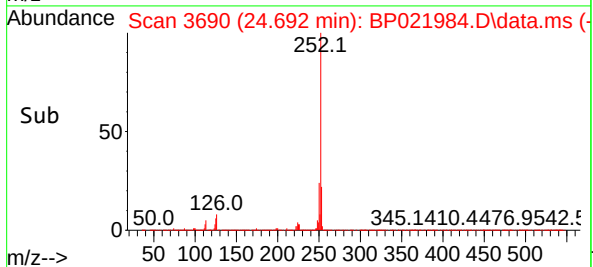
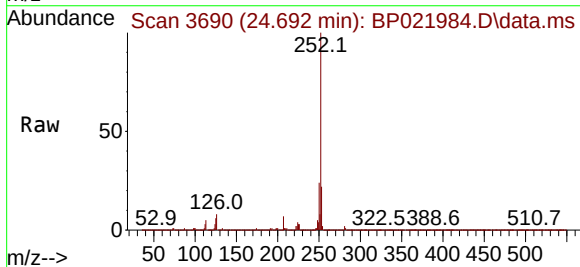
Tgt Ion:252 Resp: 2645249

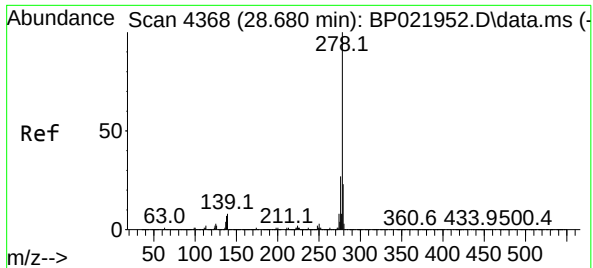
Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

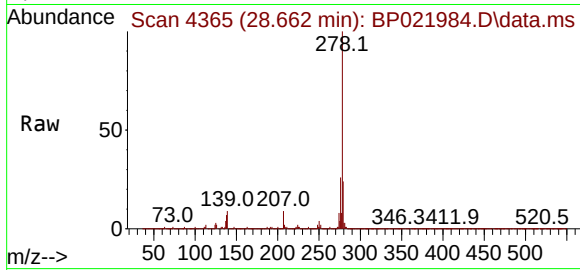
125 6.1 5.0 7.6





#91
Dibenzo(a,h)anthracene
Concen: 40.868 ng
RT: 28.662 min Scan# 41
Delta R.T. -0.017 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09

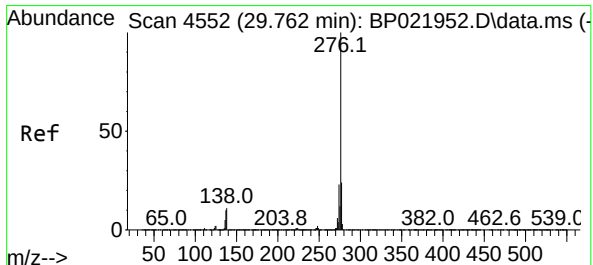
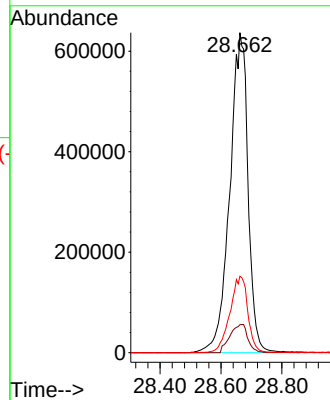
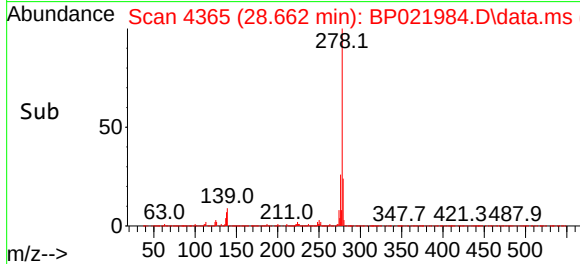
Instrument :
BNA_P
ClientSampleId :
PB163571BS



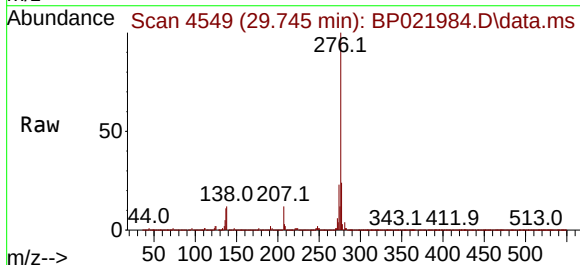
Tgt Ion: 278 Resp: 265334
Ion Ratio Lower Upper
278 100
139 8.8 6.6 10.0
279 23.9 18.8 28.2

Manual Integrations
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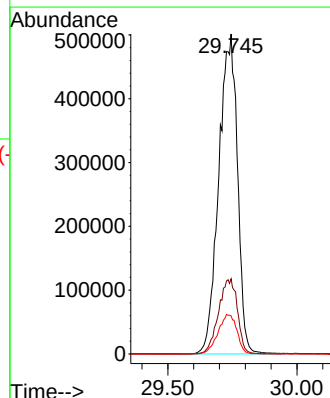
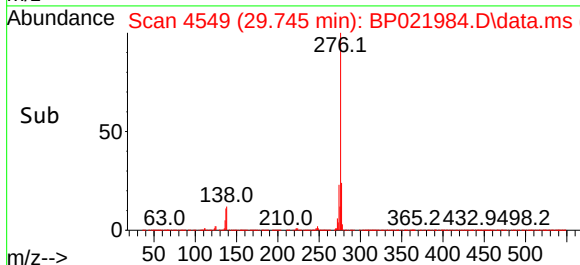
Reviewed By : Yogesh Patel 09/25/2024
Supervised By : mohammad ahmed 09/25/2024



#92
Benzo(g,h,i)perylene
Concen: 37.935 ng
RT: 29.745 min Scan# 4549
Delta R.T. -0.017 min
Lab File: BP021984.D
Acq: 23 Sep 2024 16:09



Tgt Ion: 276 Resp: 2522903
Ion Ratio Lower Upper
276 100
277 23.5 19.3 28.9
138 11.9 9.2 13.8



Report of Analysis

Client:	ENTACT	Date Collected:	09/17/24
Project:	North Point	Date Received:	09/18/24
Client Sample ID:	WC-22AMS	SDG No.:	P4103
Lab Sample ID:	P4103-02MS	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139506.D	1	09/20/24 11:30	09/20/24 17:23	PB163571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	350		15.5	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	310		8.40	50.0	ug/L
95-48-7	2-Methylphenol	420		11.3	50.0	ug/L
65794-96-9	3+4-Methylphenols	410		11.5	100	ug/L
67-72-1	Hexachloroethane	280		10.1	50.0	ug/L
98-95-3	Nitrobenzene	370		12.7	50.0	ug/L
87-68-3	Hexachlorobutadiene	330		12.7	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	470		8.90	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	450		10.1	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	450		15.2	50.0	ug/L
118-74-1	Hexachlorobenzene	450		11.4	50.0	ug/L
87-86-5	Pentachlorophenol	990	E	18.5	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	118		15 (10) - 110 (139)	79%	SPK: 150
13127-88-3	Phenol-d6	113		15 (10) - 110 (134)	75%	SPK: 150
4165-60-0	Nitrobenzene-d5	85.5		30 (49) - 130 (133)	86%	SPK: 100
321-60-8	2-Fluorobiphenyl	90.4		30 (52) - 130 (132)	90%	SPK: 100
118-79-6	2,4,6-Tribromophenol	115		15 (44) - 110 (137)	77%	SPK: 150
1718-51-0	Terphenyl-d14	111		30 (48) - 130 (125)	111%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	75100	6.881			
1146-65-2	Naphthalene-d8	265000	8.163			
15067-26-2	Acenaphthene-d10	120000	9.916			
1517-22-2	Phenanthrene-d10	207000	11.404			
1719-03-5	Chrysene-d12	107000	14.039			
1520-96-3	Perylene-d12	86500	15.509			

Report of Analysis

Client:	ENTACT		Date Collected:	09/17/24	
Project:	North Point		Date Received:	09/18/24	
Client Sample ID:	WC-22AMS		SDG No.:	P4103	
Lab Sample ID:	P4103-02MS		Matrix:	TCLP	
Analytical Method:	SW8270		% Solid:	0	
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139506.D	1	09/20/24 11:30	09/20/24 17:23	PB163571

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\BF092024\
 Data File : BF139506.D
 Acq On : 20 Sep 2024 17:23
 Operator : RC/JU
 Sample : P4103-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-22AMS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/21/2024
 Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 20 18:19:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	75118	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	265096	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	120212	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	206785	20.000	ng	0.00
76) Chrysene-d12	14.039	240	107208	20.000	ng	# 0.00
86) Perylene-d12	15.509	264	86523	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	543454	118.023	ng	0.02
7) Phenol-d6	6.516	99	681831	112.813	ng	0.01
23) Nitrobenzene-d5	7.445	82	482164	85.506	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	147424	115.193	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	774659	90.380	ng	0.00
79) Terphenyl-d14	12.986	244	721883	110.523	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.793	88	61147	33.099	ng	# 76
3) Pyridine	3.510	79	143606	35.257	ng	98
4) n-Nitrosodimethylamine	3.451	42	123552	34.997	ng	# 82
6) Aniline	6.592	93	33133m	7.264	ng	
8) 2-Chlorophenol	6.669	128	191088	40.315	ng	99
9) Benzaldehyde	6.434	77	25658	7.348	ng	98
10) Phenol	6.534	94	230326	37.417	ng	91
11) bis(2-Chloroethyl)ether	6.616	93	188819m	40.358	ng	
12) 1,3-Dichlorobenzene	6.822	146	163506	30.332	ng	97
13) 1,4-Dichlorobenzene	6.898	146	166389	30.545	ng	99
14) 1,2-Dichlorobenzene	7.045	146	163244	31.714	ng	98
15) Benzyl Alcohol	7.022	79	172782	35.832	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	319914	44.368	ng	84
17) 2-Methylphenol	7.139	107	159202	42.274	ng	99
18) Hexachloroethane	7.392	117	57688	27.803	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	149092	41.628	ng	98
20) 3+4-Methylphenols	7.292	107	208259	40.534	ng	93
22) Acetophenone	7.286	105	270879	39.086	ng	97
24) Nitrobenzene	7.463	77	214795	37.010	ng	97
25) Isophorone	7.698	82	395935	44.397	ng	99
26) 2-Nitrophenol	7.775	139	93418	41.315	ng	95
27) 2,4-Dimethylphenol	7.816	122	159513m	53.482	ng	
28) bis(2-Chloroethoxy)met...	7.904	93	230166	45.285	ng	98
29) 2,4-Dichlorophenol	8.028	162	160577	42.380	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	151778	34.379	ng	98
31) Naphthalene	8.180	128	525937	38.002	ng	99
32) Benzoic acid	7.928	122	104999	37.618	ng	93
33) 4-Chloroaniline	8.280	127	25290	5.973	ng	97
34) Hexachlorobutadiene	8.298	225	98214	32.745	ng	99
35) Caprolactam	8.598	113	44585m	38.252	ng	
36) 4-Chloro-3-methylphenol	8.722	107	166514	38.453	ng	96
37) 2-Methylnaphthalene	8.875	142	337410	38.410	ng	100
38) 1-Methylnaphthalene	8.969	142	313160	36.312	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	158988	44.626	ng	99
41) Hexachlorocyclopentadiene	9.022	237	99484	79.974	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	108760	46.922	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
 Data File : BF139506.D
 Acq On : 20 Sep 2024 17:23
 Operator : RC/JU
 Sample : P4103-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-22AMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/21/2024
 Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 20 18:19:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

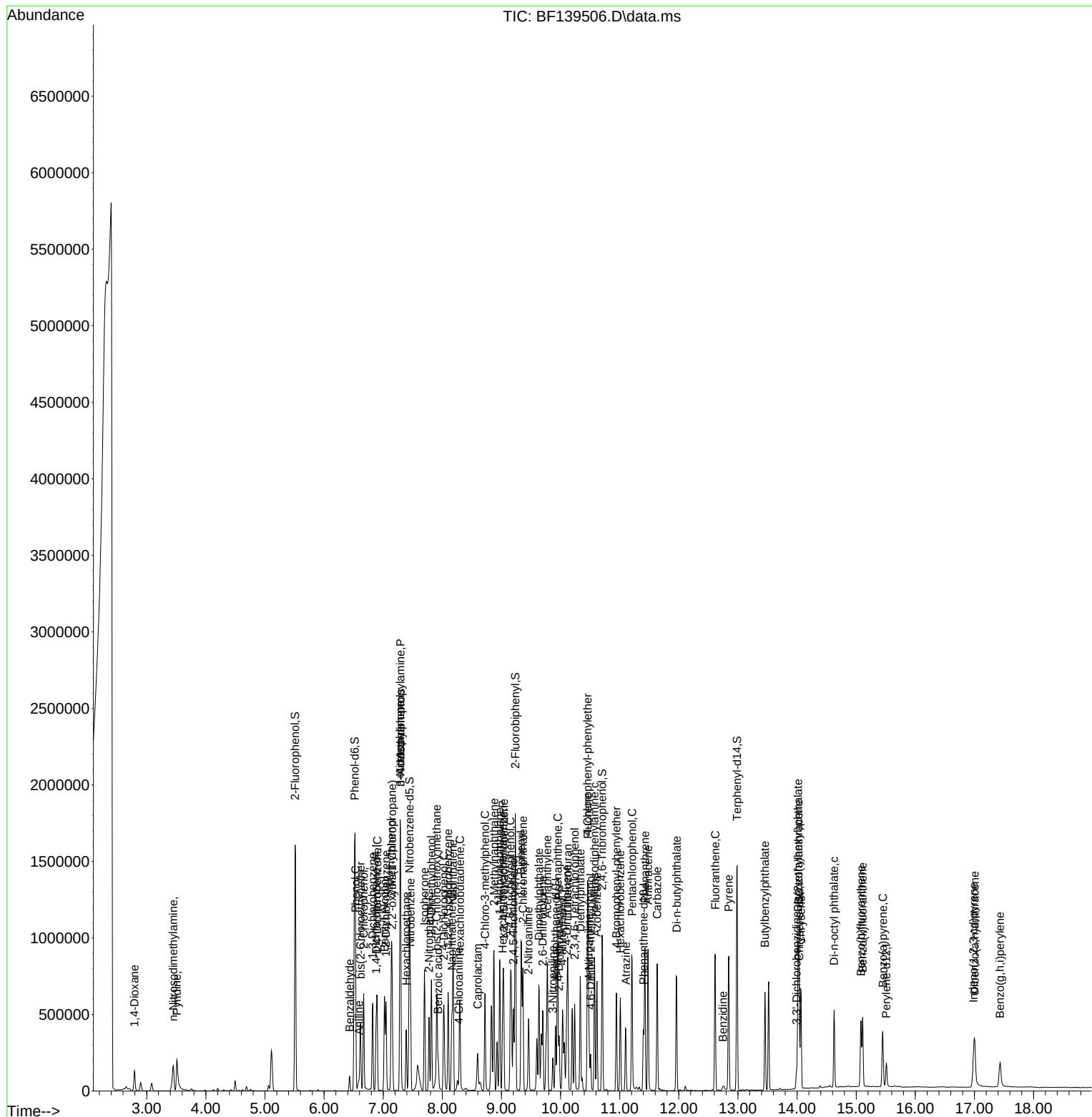
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	110699	45.276	ng	96
46) 1,1'-Biphenyl	9.333	154	422065	45.637	ng	99
47) 2-Chloronaphthalene	9.363	162	302369	43.727	ng	99
48) 2-Nitroaniline	9.457	65	118985	46.262	ng	96
49) Acenaphthylene	9.774	152	492058	47.273	ng	100
50) Dimethylphthalate	9.633	163	387582	49.123	ng	99
51) 2,6-Dinitrotoluene	9.698	165	79789	45.649	ng	95
52) Acenaphthene	9.951	154	332144	45.720	ng	99
53) 3-Nitroaniline	9.869	138	38494	22.037	ng	92
54) 2,4-Dinitrophenol	9.975	184	57429	58.964	ng	92
55) Dibenzofuran	10.122	168	447474	44.192	ng	96
56) 4-Nitrophenol	10.033	139	113447	78.488	ng	86
57) 2,4-Dinitrotoluene	10.104	165	107111	45.390	ng	95
58) Fluorene	10.463	166	345845	41.862	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	93283	46.122	ng	94
60) Diethylphthalate	10.333	149	371672	45.648	ng	98
61) 4-Chlorophenyl-phenyle...	10.457	204	169648	42.253	ng	95
62) 4-Nitroaniline	10.480	138	67491	35.401	ng	90
63) Azobenzene	10.616	77	343343	42.873	ng	95
65) 4,6-Dinitro-2-methylph...	10.510	198	37426	34.292	ng	91
66) n-Nitrosodiphenylamine	10.574	169	285403	47.208	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	98353	47.996	ng	98
68) Hexachlorobenzene	11.010	284	109136	45.379	ng	100
69) Atrazine	11.104	200	66630	46.294	ng	97
70) Pentachlorophenol	11.210	266	142663	98.860	ng	99
71) Phenanthrene	11.427	178	481633	48.277	ng	100
72) Anthracene	11.480	178	496555	50.906	ng	99
73) Carbazole	11.633	167	457414	48.996	ng	99
74) Di-n-butylphthalate	11.963	149	524700	50.453	ng	99
75) Fluoranthene	12.616	202	521151	48.916	ng	98
77) Benzidine	12.745	184	29280	19.063	ng	96
78) Pyrene	12.845	202	520261	56.518	ng	100
80) Butylbenzylphthalate	13.457	149	194429	62.053	ng	100
81) Benzo(a)anthracene	14.027	228	345247	48.617	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	35822	17.225	ng	99
83) Chrysene	14.062	228	327709	50.159	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	225551	56.587	ng	99
85) Di-n-octyl phthalate	14.627	149	314082	53.505	ng	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	238622	46.380	ng	97
88) Benzo(b)fluoranthene	15.080	252	252614	47.340	ng	99
89) Benzo(k)fluoranthene	15.109	252	259325	52.707	ng	99
90) Benzo(a)pyrene	15.451	252	232602	52.559	ng	99
91) Dibenzo(a,h)anthracene	17.003	278	203415	47.847	ng	98
92) Benzo(g,h,i)perylene	17.433	276	169737	40.323	ng	97

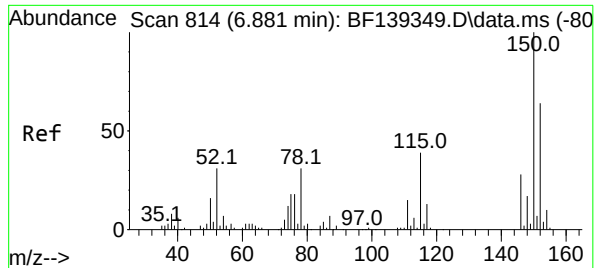
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
WC-22AMS

Manual Integrations APPROVED

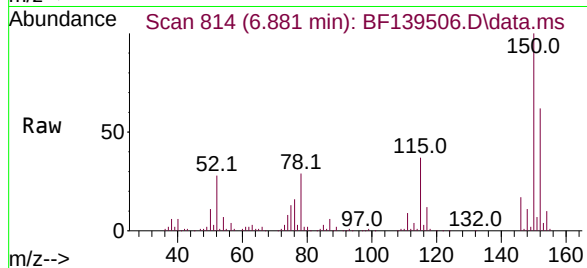
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

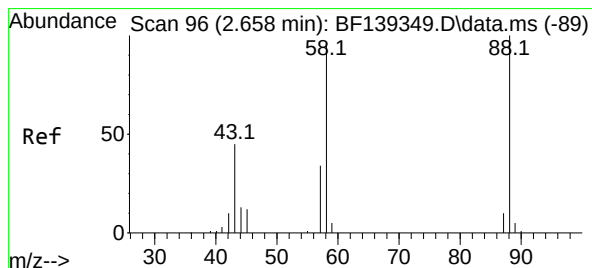
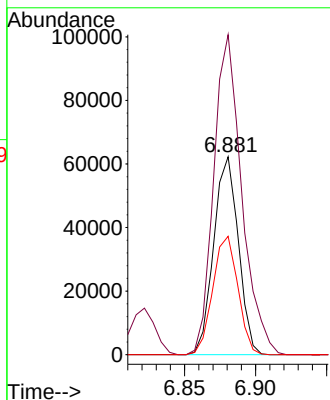
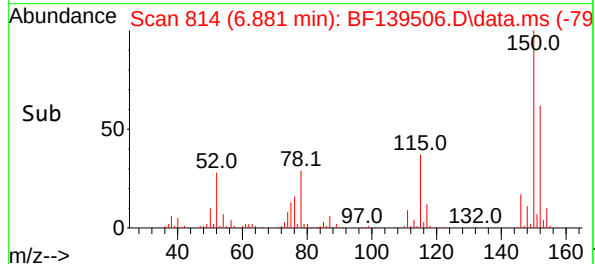
Instrument :
BNA_F
ClientSampleId :
WC-22AMS



Tgt Ion:152 Resp: 75118
Ion Ratio Lower Upper
152 100
150 161.7 124.1 186.1
115 59.8 48.1 72.1

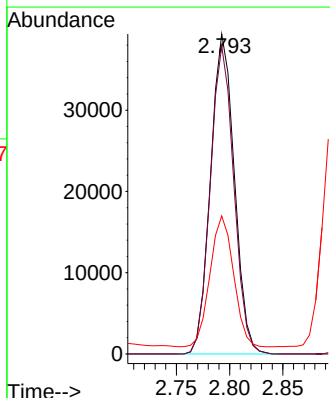
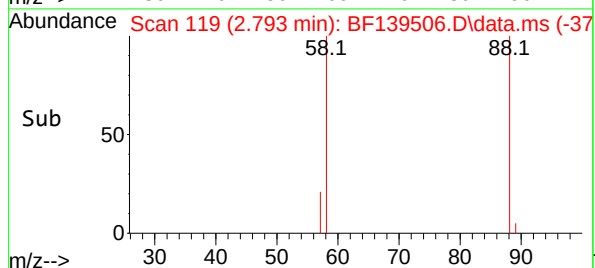
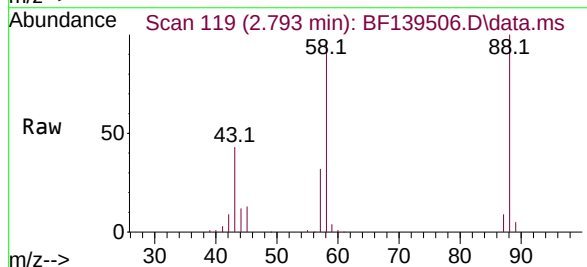
Manual Integrations
APPROVED

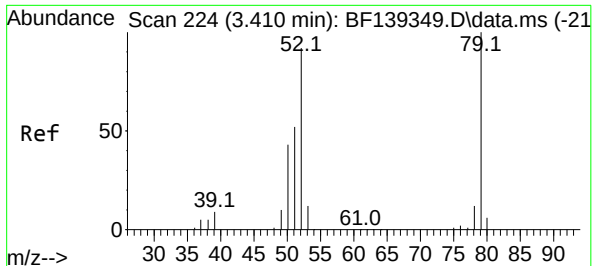
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#2
1,4-Dioxane
Concen: 33.099 ng
RT: 2.793 min Scan# 119
Delta R.T. 0.135 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

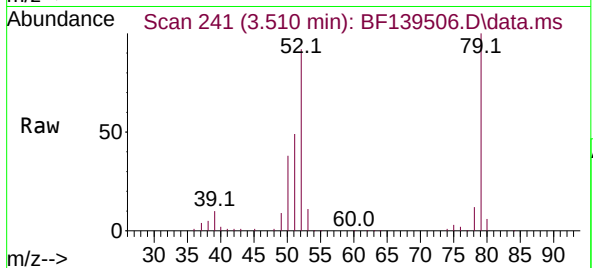
Tgt Ion: 88 Resp: 61147
Ion Ratio Lower Upper
88 100
58 95.0 74.8 112.2
43 0.0 36.4 54.6#





#3
Pyridine
Concen: 35.257 ng
RT: 3.510 min Scan# 241
Delta R.T. 0.100 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

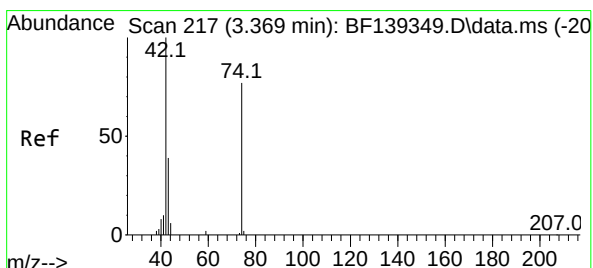
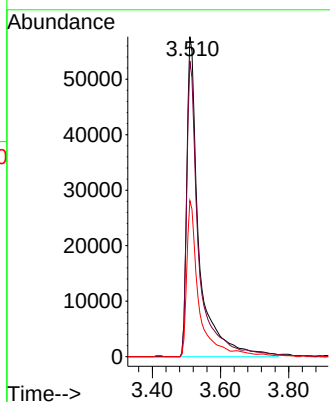
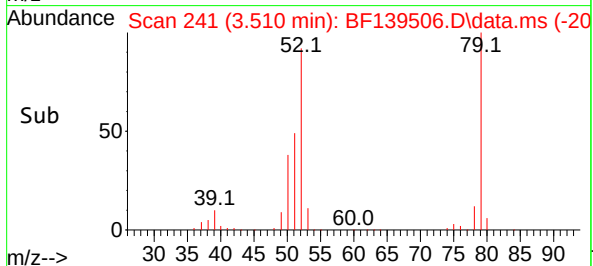
Instrument :
BNA_F
ClientSampleId :
WC-22AMS



Tgt Ion: 79 Resp: 143600
Ion Ratio Lower Upper
79 100
52 92.4 73.8 110.8
51 48.7 41.8 62.6

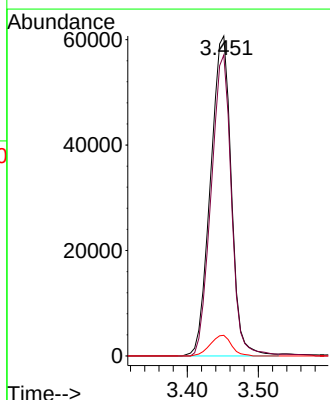
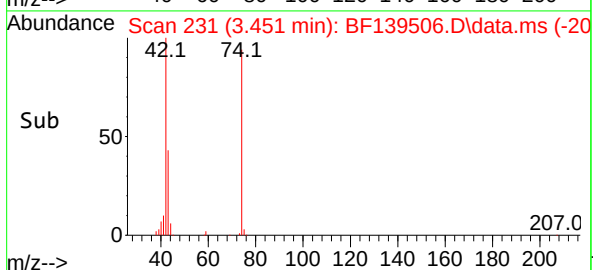
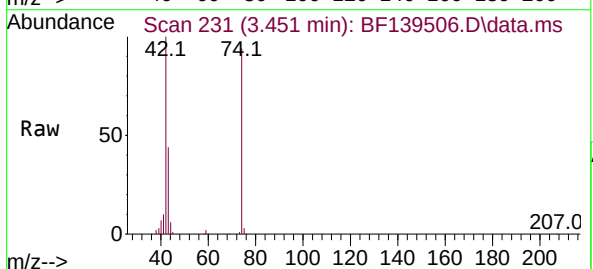
Manual Integrations
APPROVED

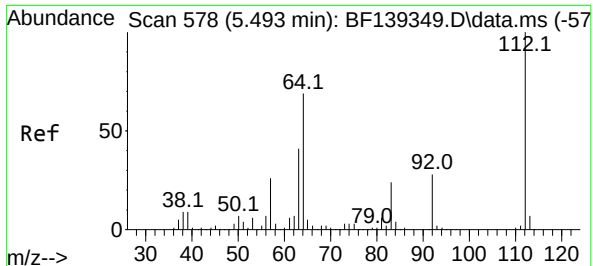
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#4
n-Nitrosodimethylamine
Concen: 34.997 ng
RT: 3.451 min Scan# 231
Delta R.T. 0.082 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Tgt Ion: 42 Resp: 123552
Ion Ratio Lower Upper
42 100
74 94.1 61.8 92.8#
44 6.5 4.8 7.2





#5
2-Fluorophenol
Concen: 118.023 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

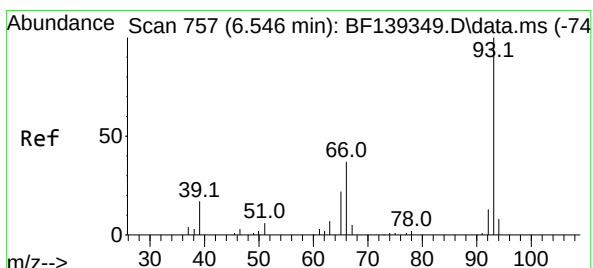
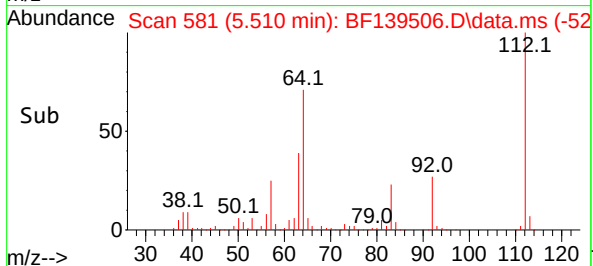
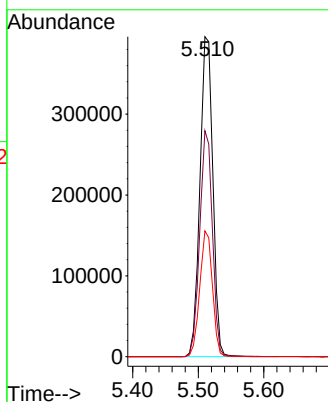
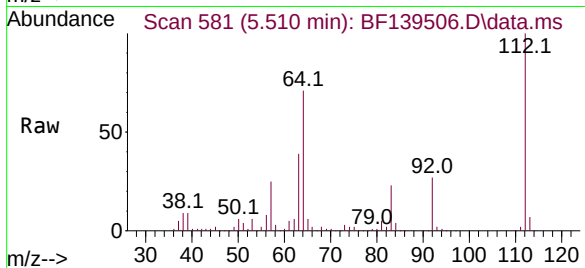
WC-22AMS

Tgt Ion:112 Resp: 543454
Ion Ratio Lower Upper
112 100
64 70.6 54.8 82.2
63 39.3 33.0 49.4

Manual Integrations

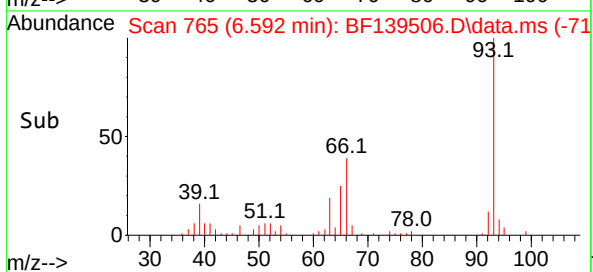
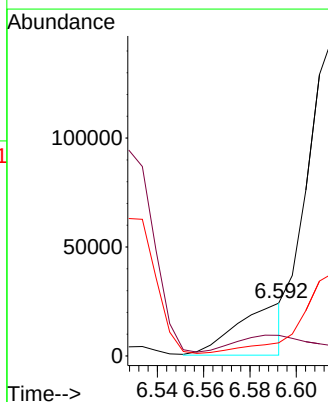
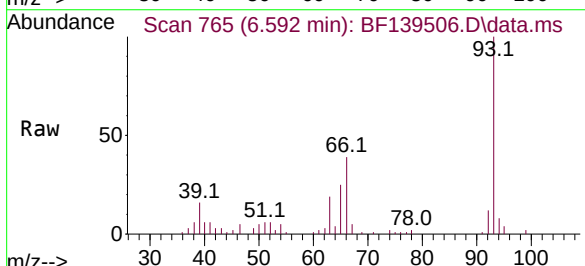
APPROVED

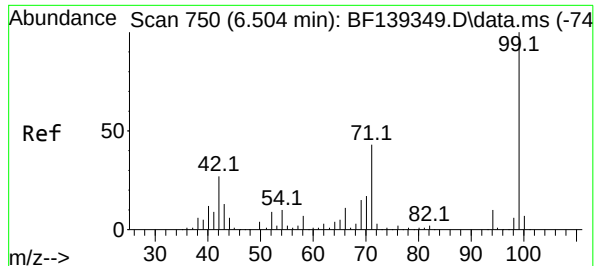
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#6
Aniline
Concen: 7.264 ng m
RT: 6.592 min Scan# 765
Delta R.T. 0.023 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Tgt Ion: 93 Resp: 33133
Ion Ratio Lower Upper
93 100
66 39.1 35.4 53.0
65 24.9 18.2 27.4





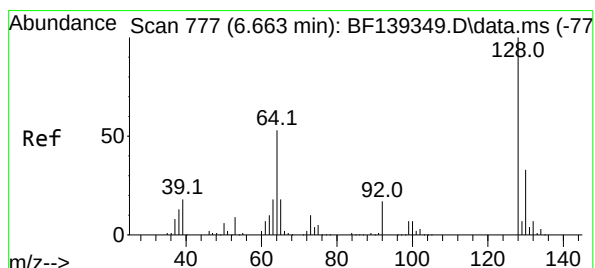
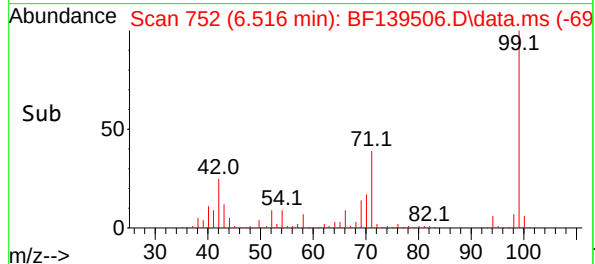
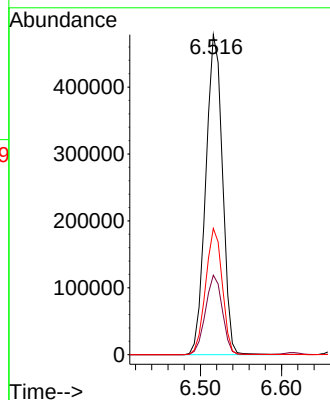
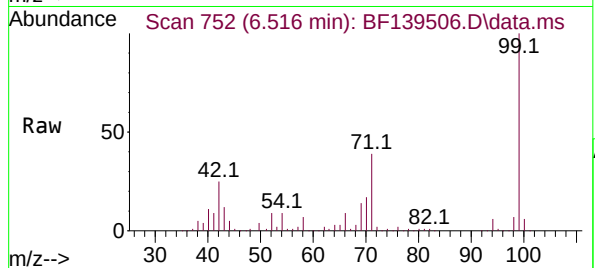
#7
Phenol-d6
Concen: 112.813 ng
RT: 6.516 min Scan# 711
Delta R.T. 0.012 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Instrument :
BNA_F
ClientSampleId :
WC-22AMS

Tgt Ion: 99 Resp: 68183
Ion Ratio Lower Upper
99 100
42 24.8 21.9 32.9
71 39.5 34.6 52.0

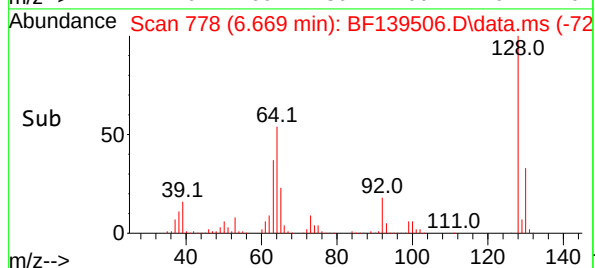
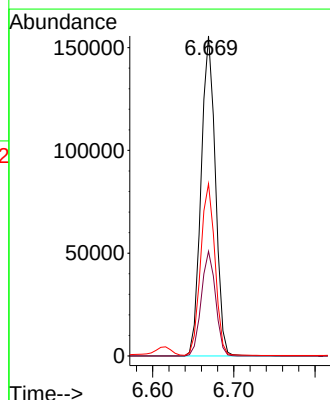
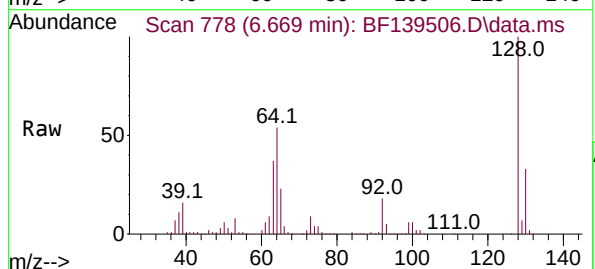
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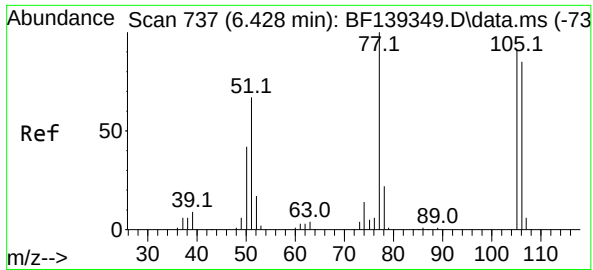
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#8
2-Chlorophenol
Concen: 40.315 ng
RT: 6.669 min Scan# 778
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Tgt Ion:128 Resp: 191088
Ion Ratio Lower Upper
128 100
130 32.7 12.8 52.8
64 53.8 35.1 75.1





#9

Benzaldehyde

Concen: 7.348 ng

RT: 6.434 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

Tgt Ion: 77 Resp: 25658

Ion Ratio Lower Upper

77 100

105 89.4 71.0 111.0

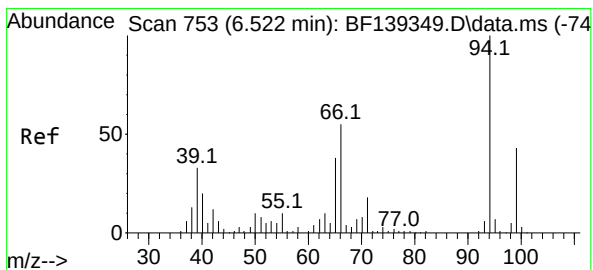
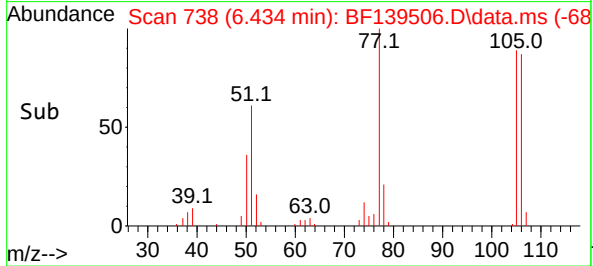
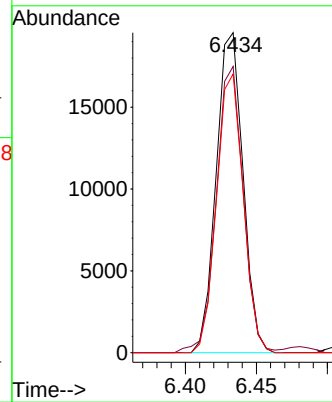
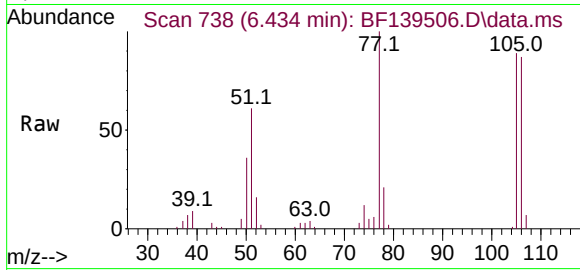
106 87.1 64.9 104.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#10

Phenol

Concen: 37.417 ng

RT: 6.534 min Scan# 755

Delta R.T. 0.012 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

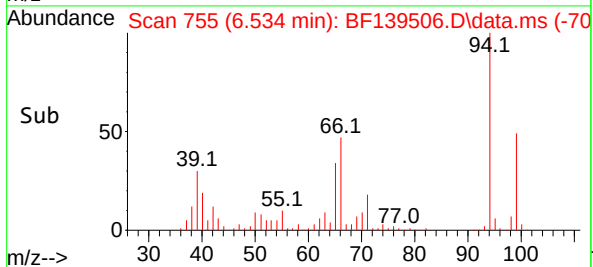
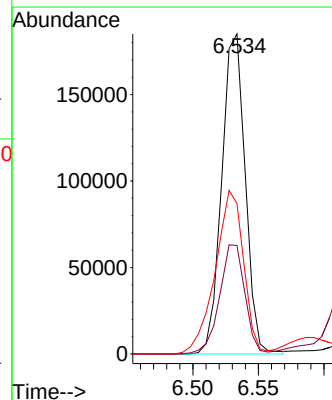
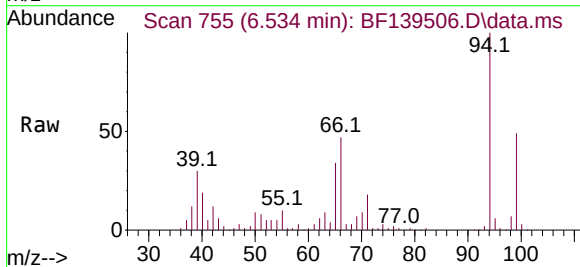
Tgt Ion: 94 Resp: 230326

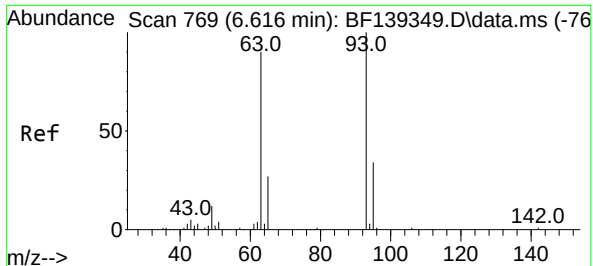
Ion Ratio Lower Upper

94 100

65 33.9 17.6 57.6

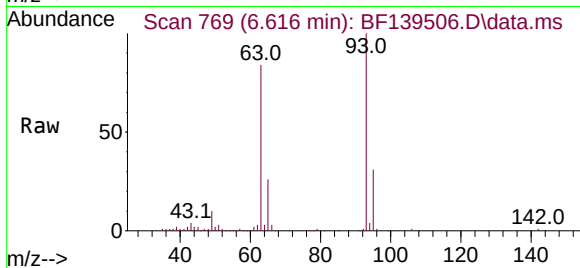
66 47.0 35.2 75.2





#11
bis(2-Chloroethyl)ether
Concen: 40.358 ng m
RT: 6.616 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

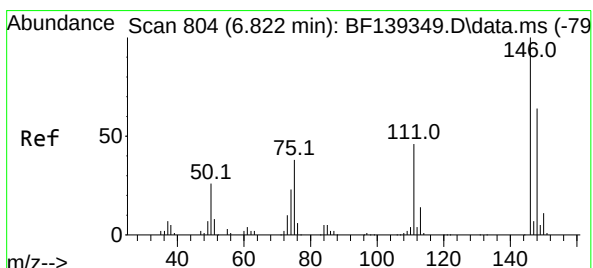
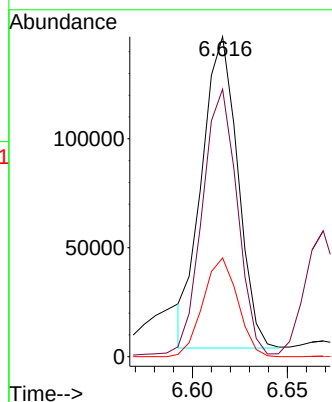
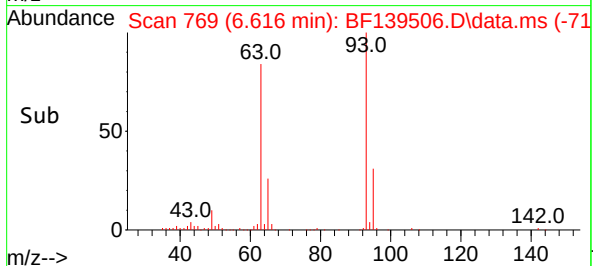
Instrument :
BNA_F
ClientSampleId :
WC-22AMS



Tgt Ion: 93 Resp: 188819
Ion Ratio Lower Upper
93 100
63 83.6 65.3 105.3
95 30.8 12.4 52.4

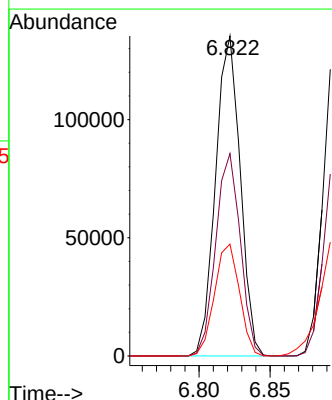
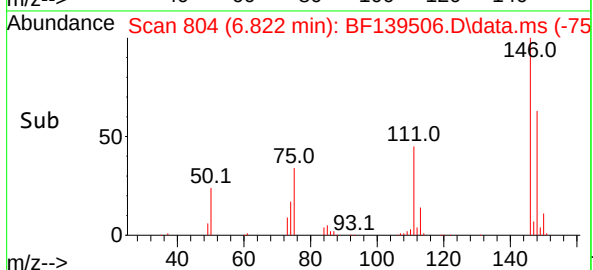
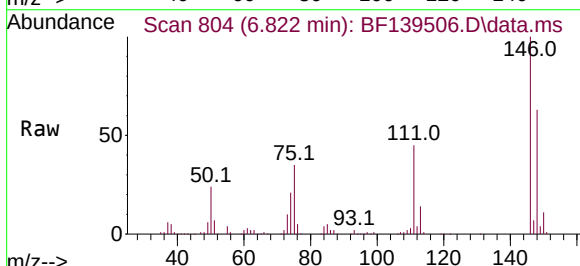
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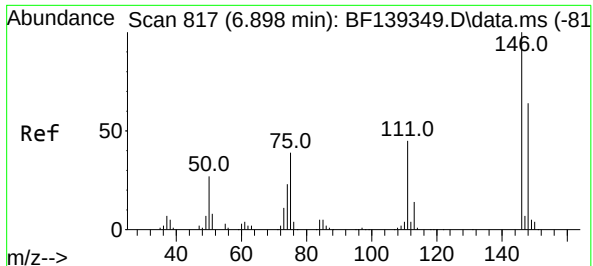
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#12
1,3-Dichlorobenzene
Concen: 30.332 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Tgt Ion:146 Resp: 163506
Ion Ratio Lower Upper
146 100
148 63.2 51.2 76.8
75 35.0 30.6 46.0





#13

1,4-Dichlorobenzene

Concen: 30.545 ng

RT: 6.898 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

Tgt Ion:146 Resp: 166389

Ion Ratio Lower Upper

146 100

148 64.2 50.9 76.3

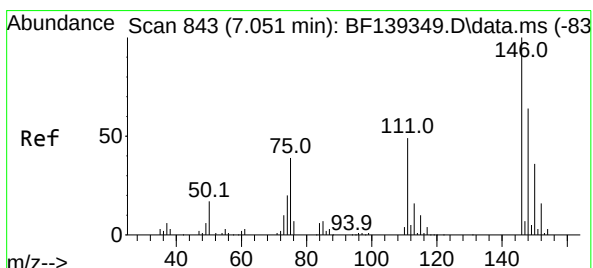
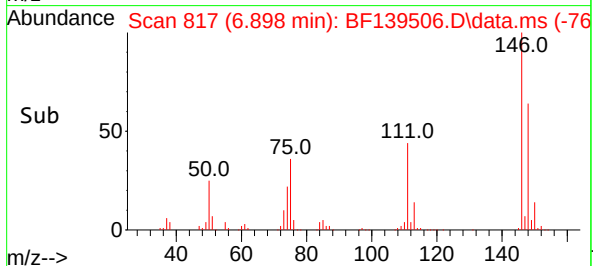
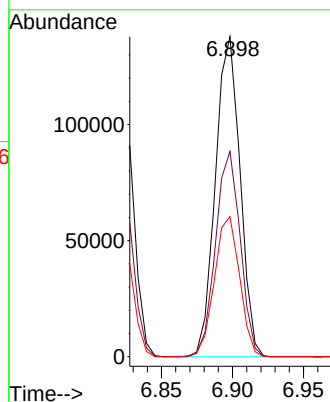
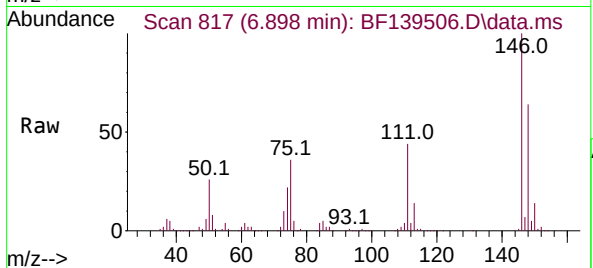
111 43.8 36.3 54.5

Manual Integrations

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Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#14

1,2-Dichlorobenzene

Concen: 31.714 ng

RT: 7.045 min Scan# 842

Delta R.T. -0.006 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

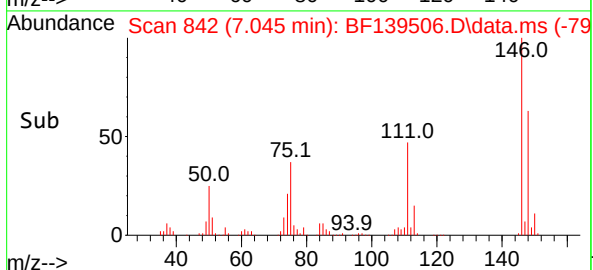
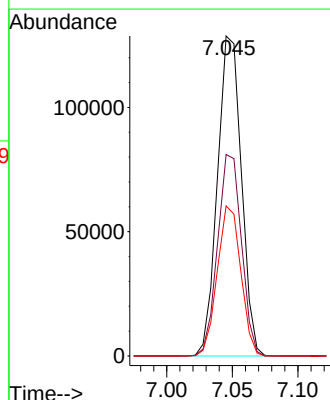
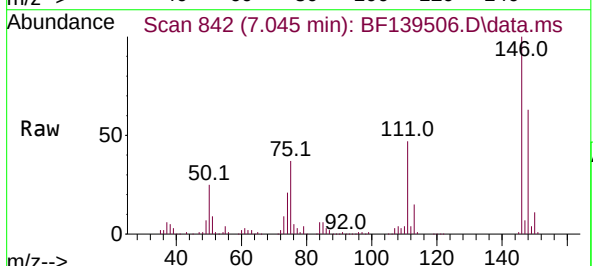
Tgt Ion:146 Resp: 163244

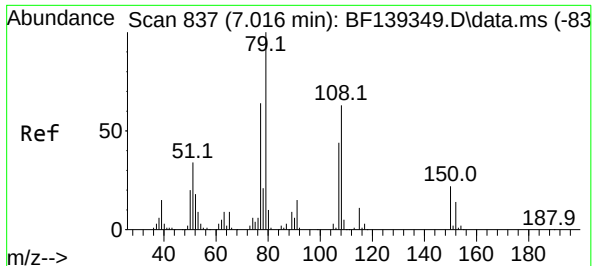
Ion Ratio Lower Upper

146 100

148 63.0 50.9 76.3

111 46.9 38.9 58.3





#15

Benzyl Alcohol

Concen: 35.832 ng

RT: 7.022 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

Tgt Ion: 79 Resp: 17278

Ion Ratio Lower Upper

79 100

108 69.5 50.4 75.6

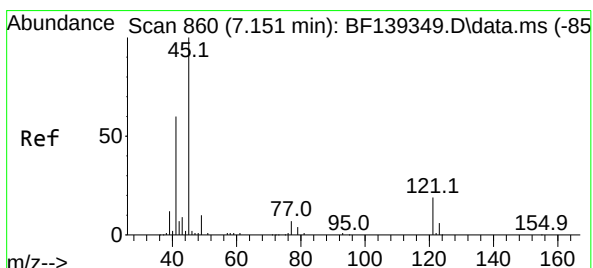
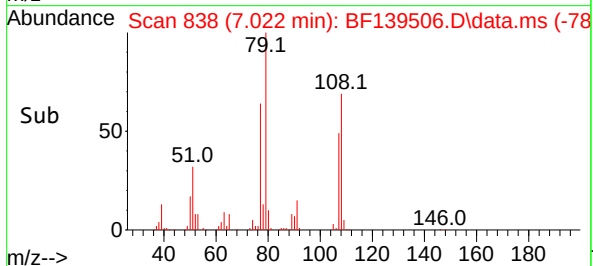
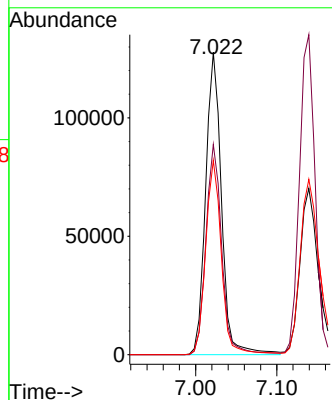
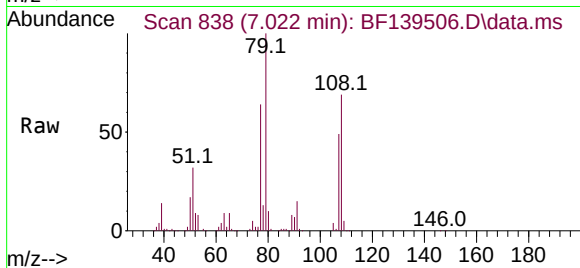
77 64.2 51.4 77.2

Manual Integrations

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Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.368 ng

RT: 7.151 min Scan# 860

Delta R.T. -0.000 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

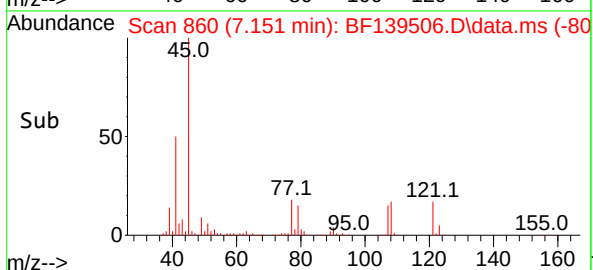
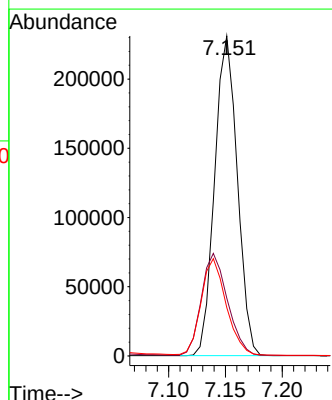
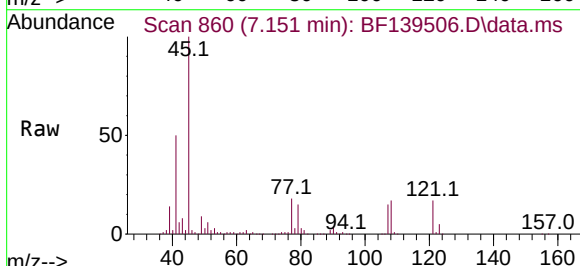
Tgt Ion: 45 Resp: 319914

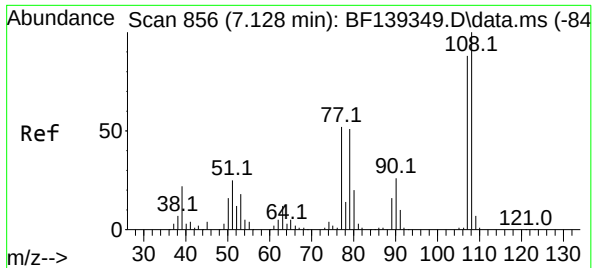
Ion Ratio Lower Upper

45 100

77 18.1 0.0 32.0

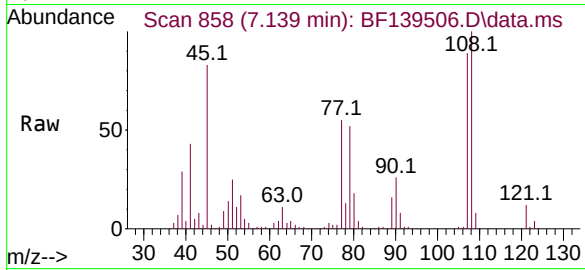
79 15.1 0.0 29.1





#17
2-Methylphenol
Concen: 42.274 ng
RT: 7.139 min Scan# 856
Delta R.T. 0.012 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

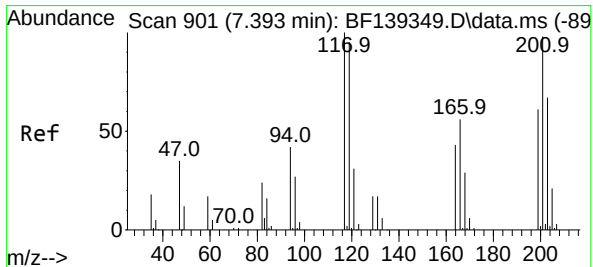
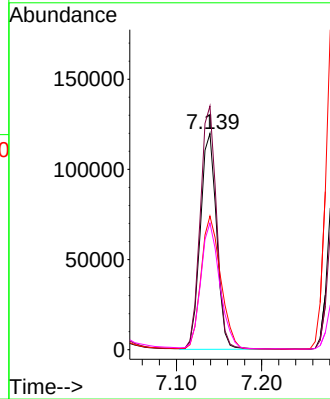
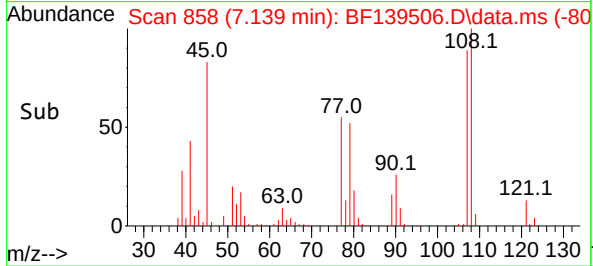
Instrument :
BNA_F
ClientSampleId :
WC-22AMS



Tgt Ion:107 Resp: 15920
Ion Ratio Lower Upper
107 100
108 112.8 90.5 135.7
77 61.8 47.1 70.7
79 58.6 46.6 69.8

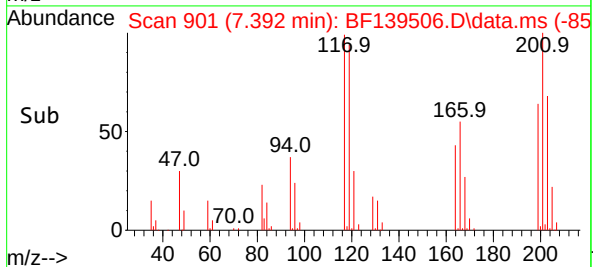
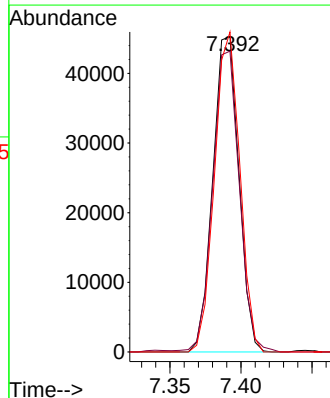
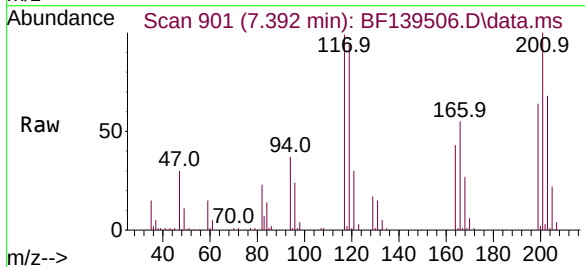
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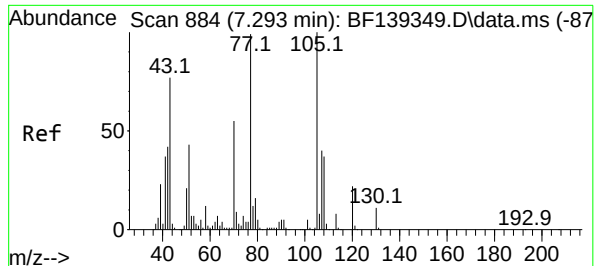
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#18
Hexachloroethane
Concen: 27.803 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Tgt Ion:117 Resp: 57688
Ion Ratio Lower Upper
117 100
119 95.4 75.8 113.8
201 101.4 78.6 118.0





#19

n-Nitroso-di-n-propylamine

Concen: 41.628 ng

RT: 7.292 min Scan# 884

Delta R.T. -0.000 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

Tgt Ion: 70 Resp: 149092

Ion Ratio Lower Upper

70 100

42 74.3 61.2 91.8

101 10.1 7.5 11.3

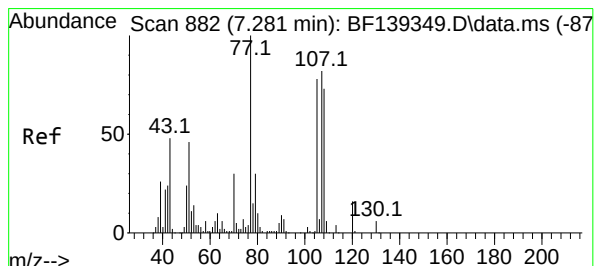
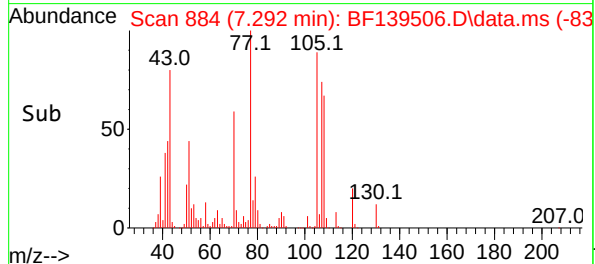
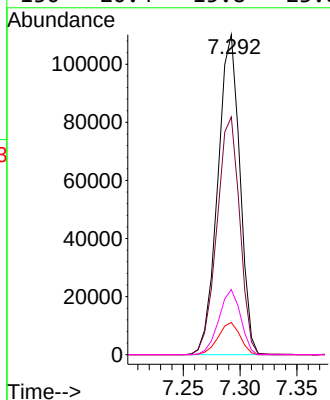
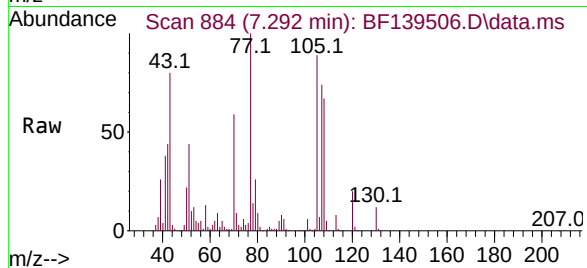
130 20.4 15.8 23.8

Manual Integrations

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Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#20

3+4-Methylphenols

Concen: 40.534 ng

RT: 7.292 min Scan# 884

Delta R.T. 0.012 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Tgt Ion:107 Resp: 208259

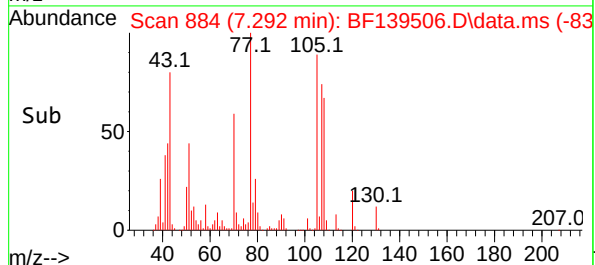
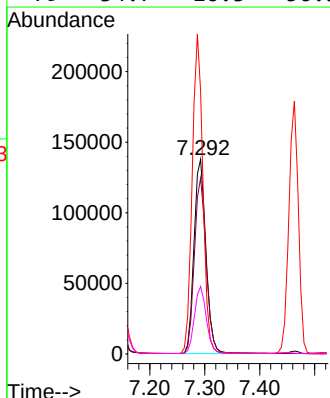
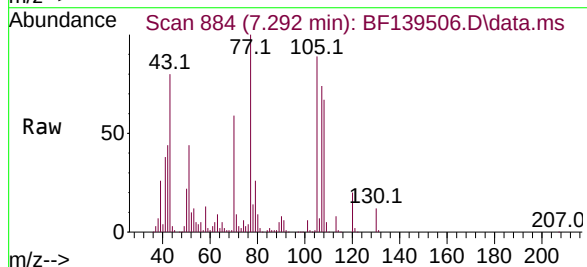
Ion Ratio Lower Upper

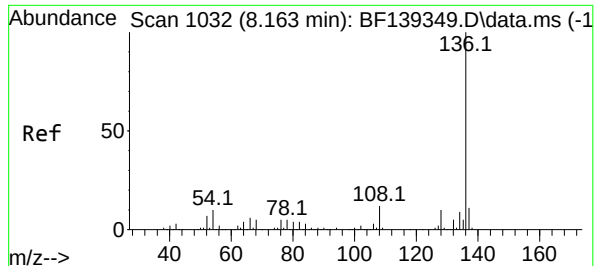
107 100

108 90.4 68.6 108.6

77 135.1 101.6 141.6

79 34.7 16.3 56.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1032

Delta R.T. -0.000 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

Tgt Ion:136 Resp: 265090

Ion Ratio Lower Upper

136 100

137 10.4 8.6 12.8

54 10.0 7.8 11.8

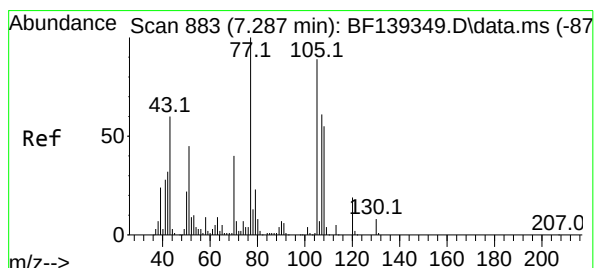
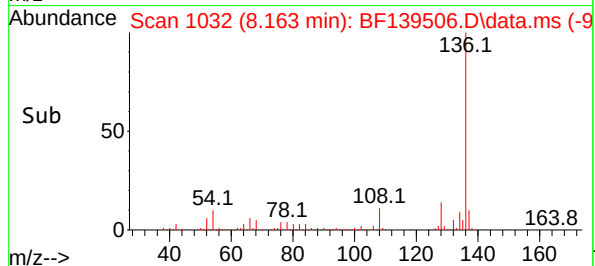
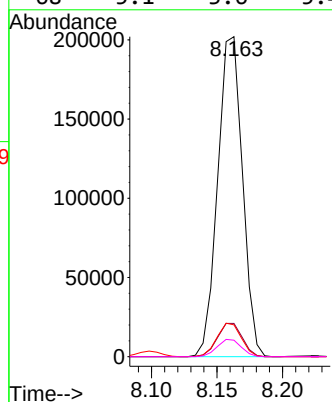
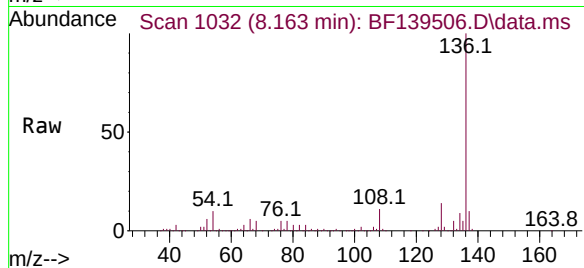
68 5.1 3.6 5.4

Manual Integrations

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Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#22

Acetophenone

Concen: 39.086 ng

RT: 7.286 min Scan# 883

Delta R.T. -0.000 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Tgt Ion:105 Resp: 270879

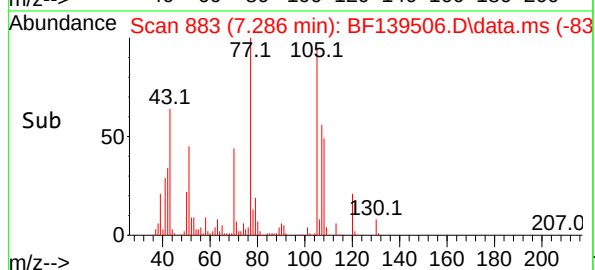
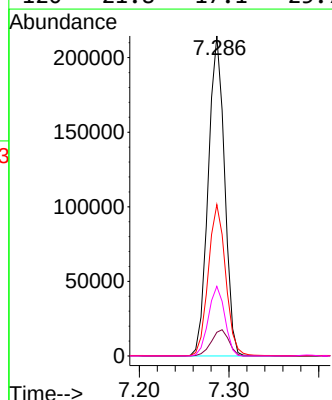
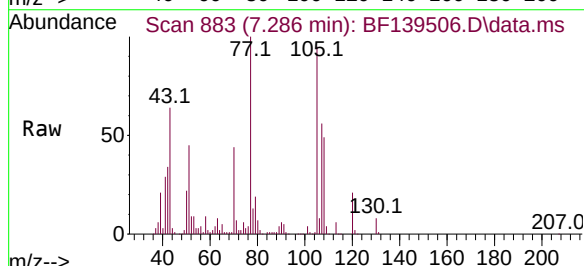
Ion Ratio Lower Upper

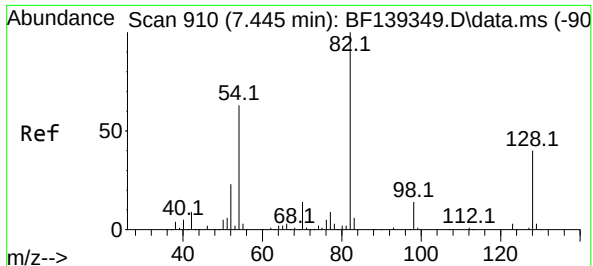
105 100

71 7.4 5.9 8.9

51 47.3 40.0 60.0

120 21.8 17.1 25.7





#23

Nitrobenzene-d5

Concen: 85.506 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

Tgt Ion: 82 Resp: 482164

Ion Ratio Lower Upper

82 100

128 41.1 31.8 47.6

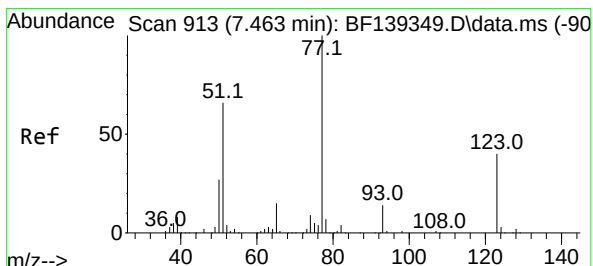
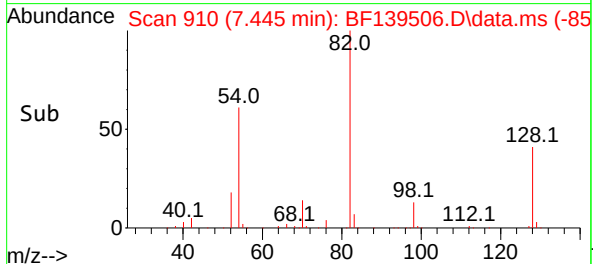
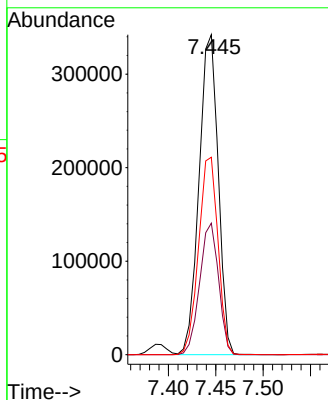
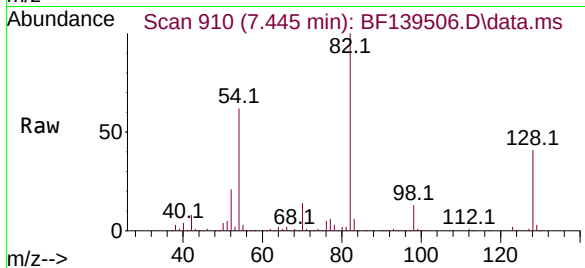
54 61.7 50.6 75.8

Manual Integrations

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Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#24

Nitrobenzene

Concen: 37.010 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

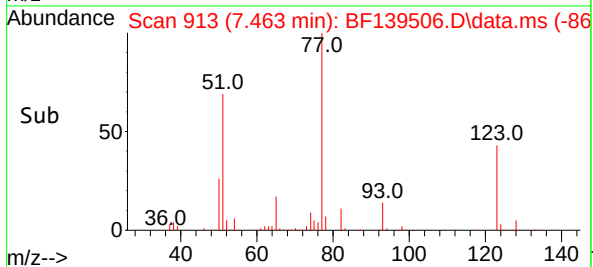
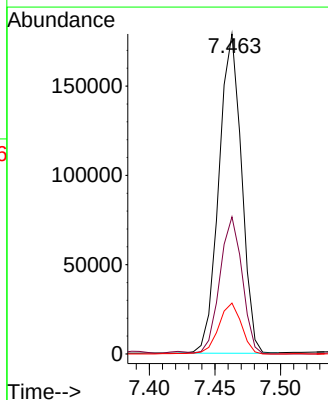
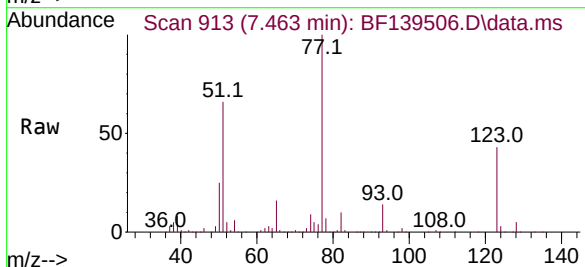
Tgt Ion: 77 Resp: 214795

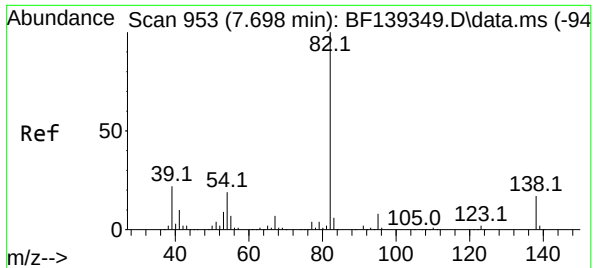
Ion Ratio Lower Upper

77 100

123 42.8 32.2 48.4

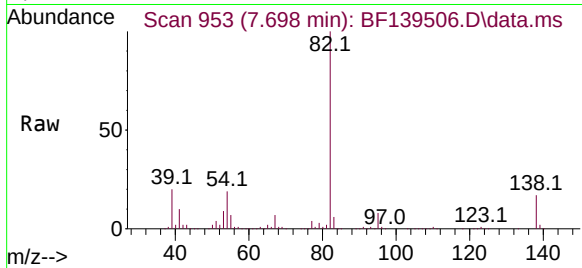
65 15.9 12.2 18.4





#25
Isophorone
Concen: 44.397 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

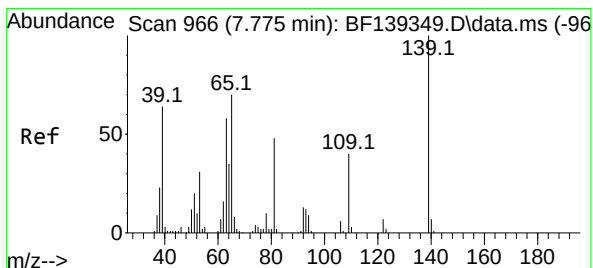
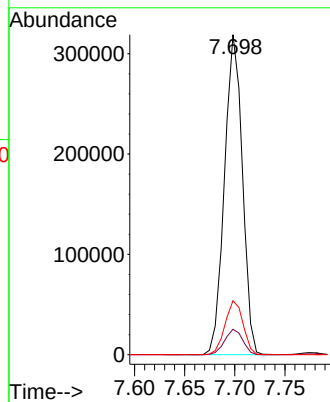
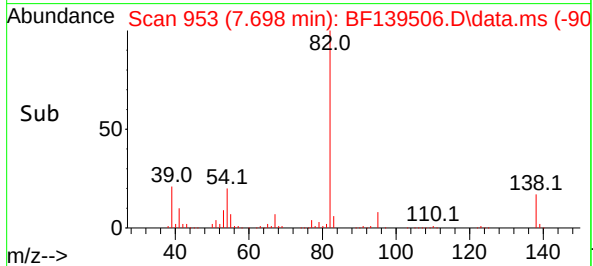
Instrument :
BNA_F
ClientSampleId :
WC-22AMS



Tgt Ion: 82 Resp: 395938
Ion Ratio Lower Upper
82 100
95 7.9 6.7 10.1
138 16.9 13.3 19.9

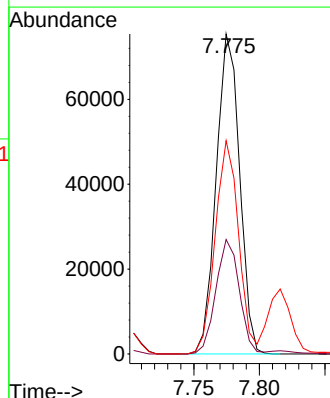
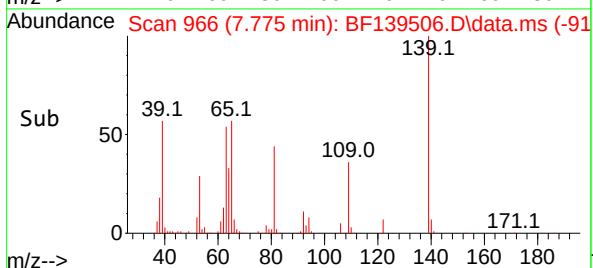
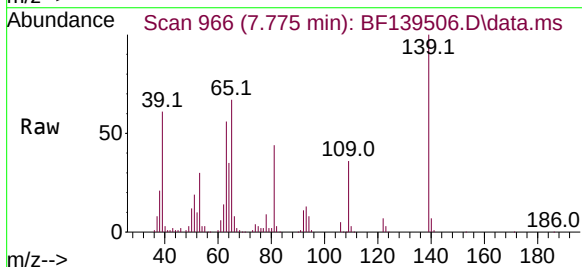
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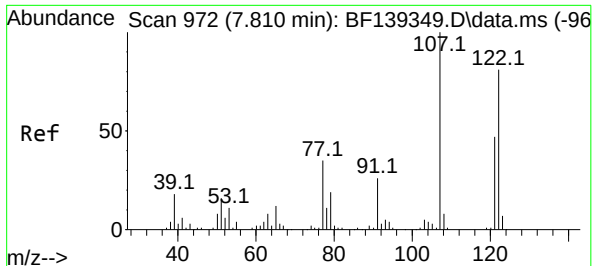
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#26
2-Nitrophenol
Concen: 41.315 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Tgt Ion:139 Resp: 93418
Ion Ratio Lower Upper
139 100
109 35.7 32.2 48.2
65 66.7 55.8 83.8





#27

2,4-Dimethylphenol

Concen: 53.482 ng m

RT: 7.816 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

Tgt Ion:122 Resp: 15951

Ion Ratio Lower Upper

122 100

107 120.4 99.1 148.7

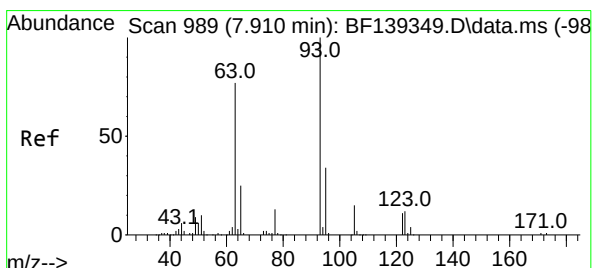
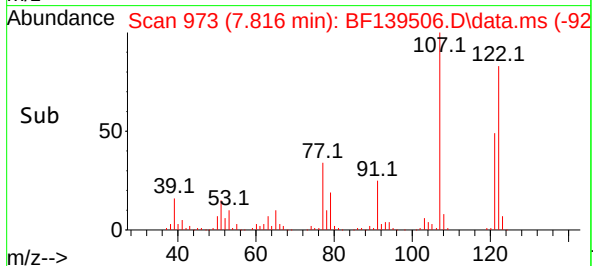
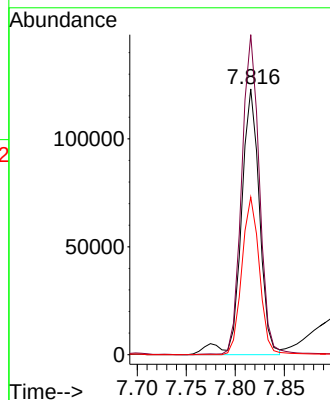
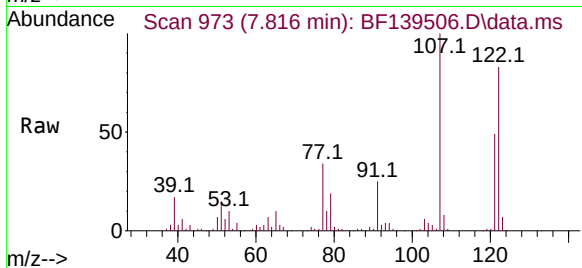
121 59.3 46.6 70.0

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Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#28

bis(2-Chloroethoxy)methane

Concen: 45.285 ng

RT: 7.904 min Scan# 988

Delta R.T. -0.006 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

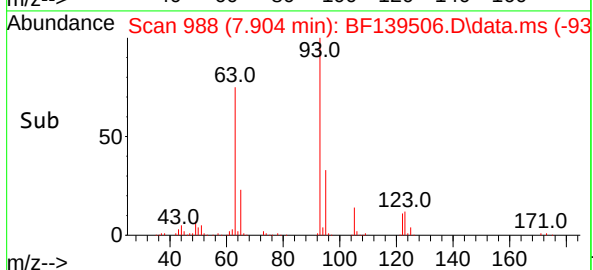
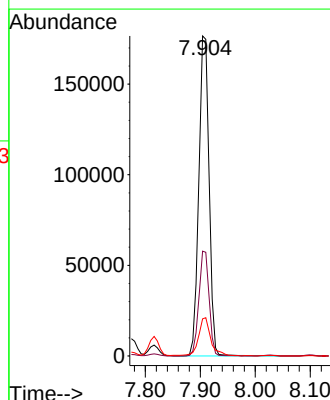
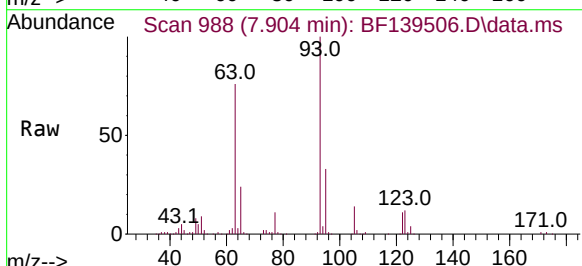
Tgt Ion: 93 Resp: 230166

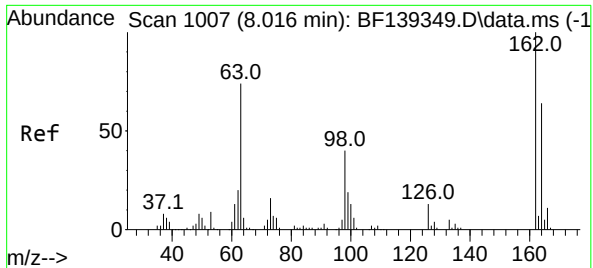
Ion Ratio Lower Upper

93 100

95 32.7 26.9 40.3

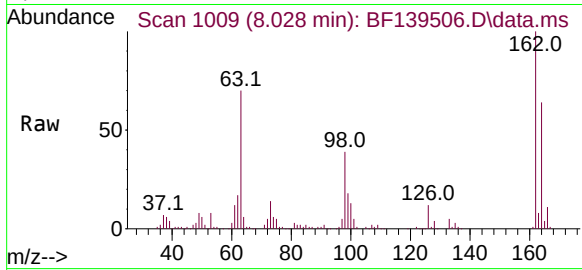
123 11.6 10.0 15.0





#29
2,4-Dichlorophenol
Concen: 42.380 ng
RT: 8.028 min Scan# 1009
Delta R.T. 0.012 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

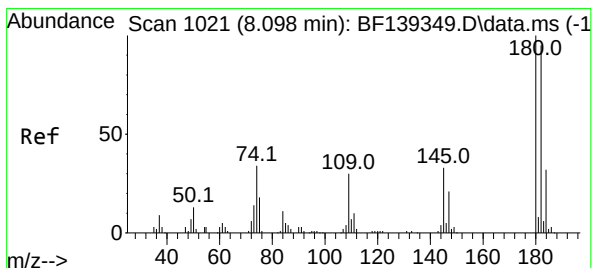
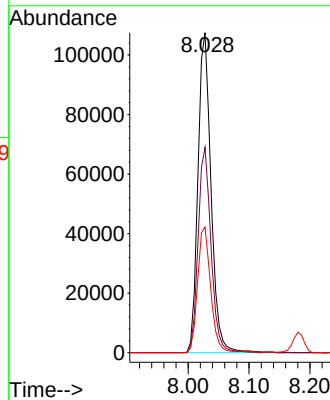
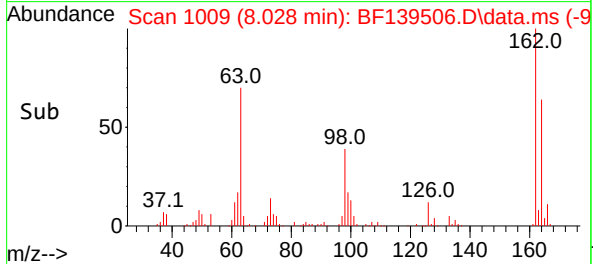
Instrument :
BNA_F
ClientSampleId :
WC-22AMS



Tgt Ion:162 Resp: 16057
Ion Ratio Lower Upper
162 100
164 64.2 43.6 83.6
98 39.3 19.7 59.7

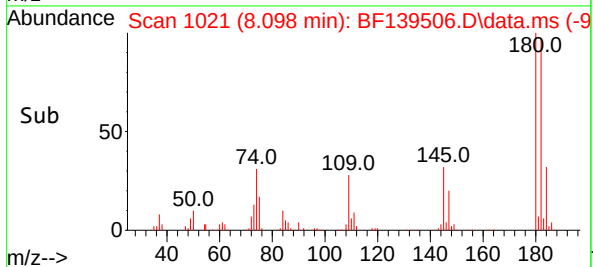
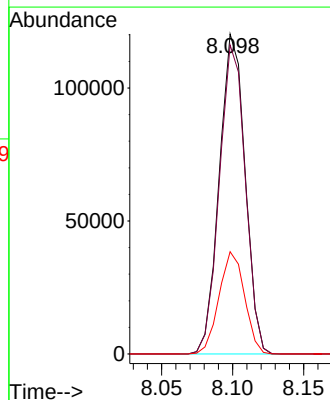
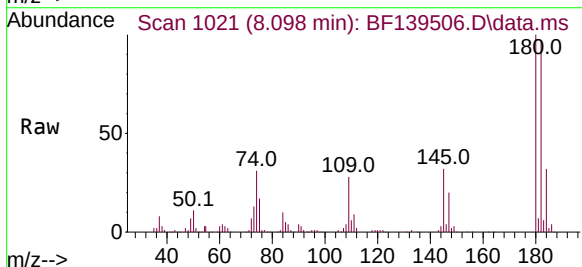
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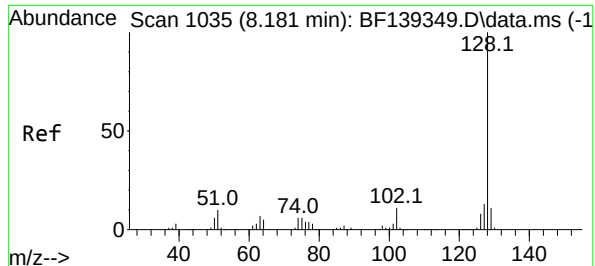
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#30
1,2,4-Trichlorobenzene
Concen: 34.379 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Tgt Ion:180 Resp: 151778
Ion Ratio Lower Upper
180 100
182 96.5 75.7 113.5
145 32.0 26.5 39.7





#31

Naphthalene

Concen: 38.002 ng

RT: 8.180 min Scan# 1035

Delta R.T. -0.000 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

Tgt Ion:128 Resp: 52593

Ion Ratio Lower Upper

128 100

129 11.4 8.6 13.0

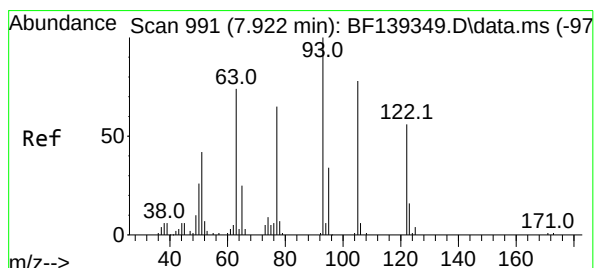
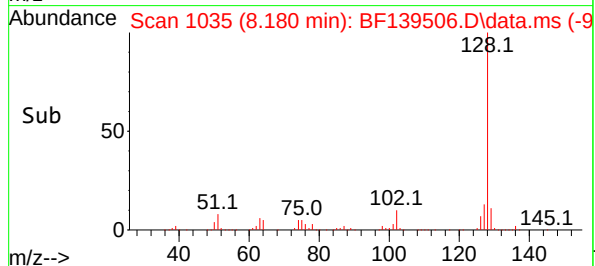
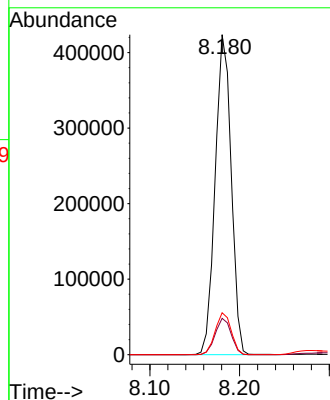
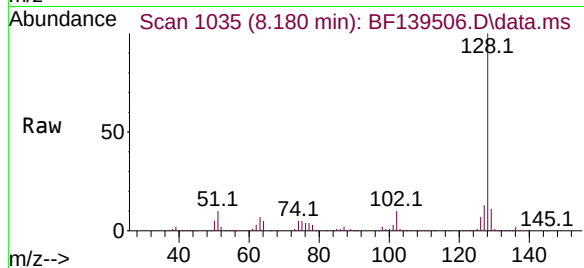
127 13.1 10.6 16.0

Manual Integrations

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Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#32

Benzoic acid

Concen: 37.618 ng

RT: 7.928 min Scan# 992

Delta R.T. 0.006 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

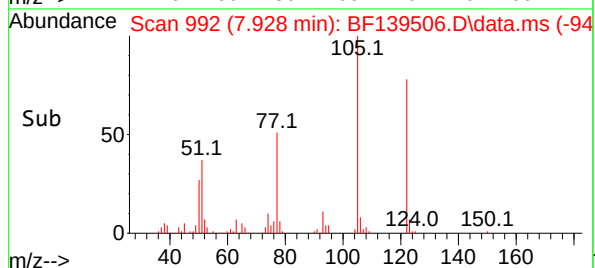
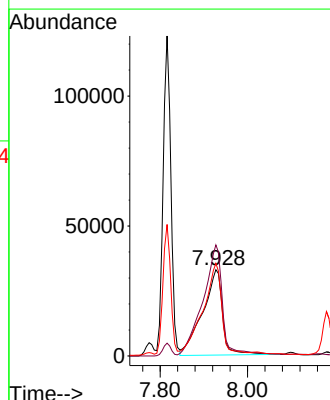
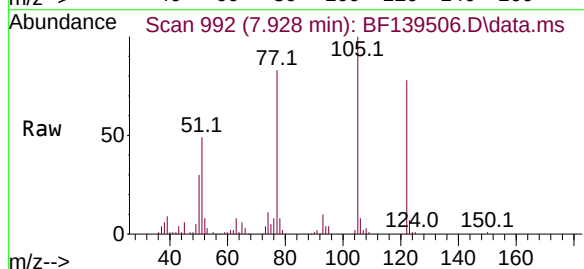
Tgt Ion:122 Resp: 104999

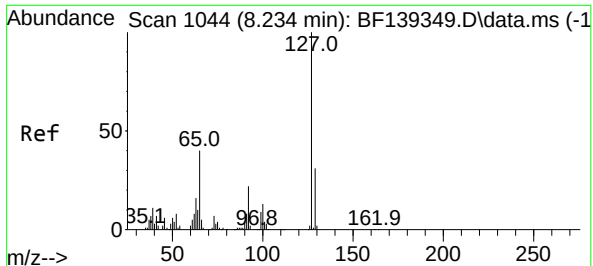
Ion Ratio Lower Upper

122 100

105 128.7 117.1 157.1

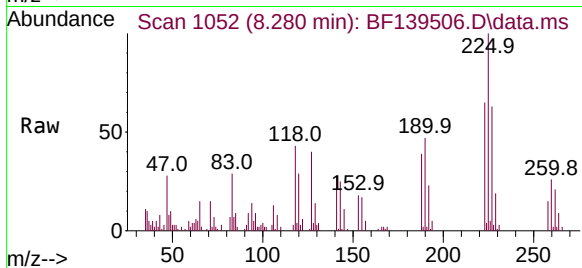
77 107.4 95.4 135.4





#33
4-Chloroaniline
Concen: 5.973 ng
RT: 8.280 min Scan# 1052
Delta R.T. 0.047 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

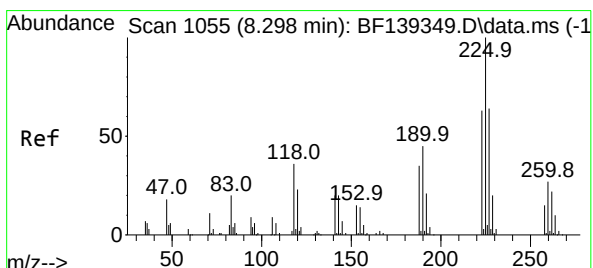
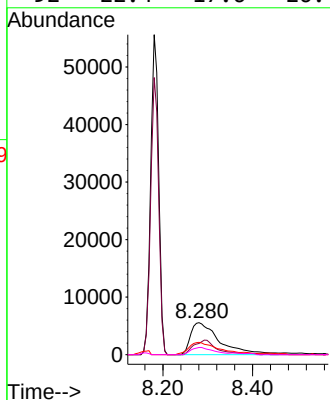
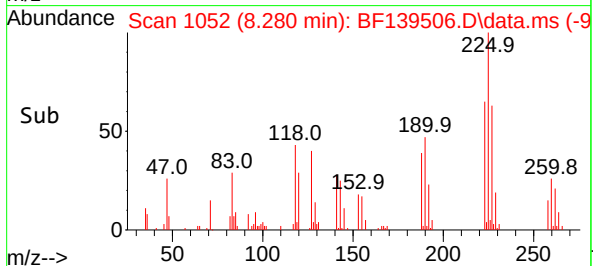
Instrument :
BNA_F
ClientSampleId :
WC-22AMS



Tgt Ion:127 Resp: 25290
Ion Ratio Lower Upper
127 100
129 35.1 25.5 38.3
65 38.3 31.5 47.3
92 22.4 17.6 26.4

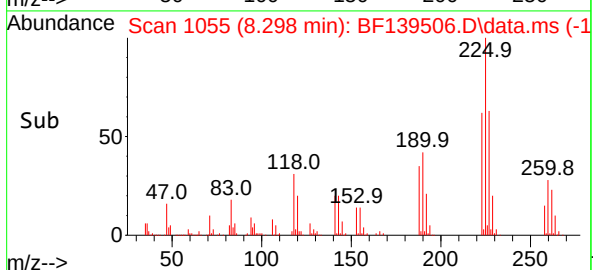
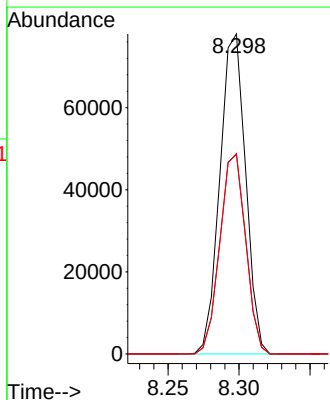
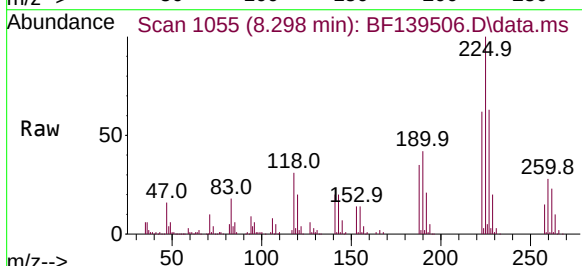
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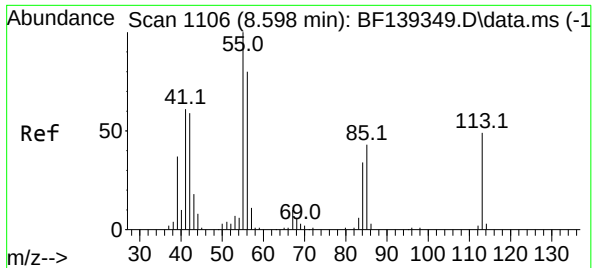
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#34
Hexachlorobutadiene
Concen: 32.745 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Tgt Ion:225 Resp: 98214
Ion Ratio Lower Upper
225 100
223 62.4 50.1 75.1
227 62.7 51.0 76.6





#35

Caprolactam

Concen: 38.252 ng m

RT: 8.598 min Scan# 1106

Delta R.T. -0.000 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

Tgt Ion:113 Resp: 4458

Ion Ratio Lower Upper

113 100

55 216.7 186.1 226.1

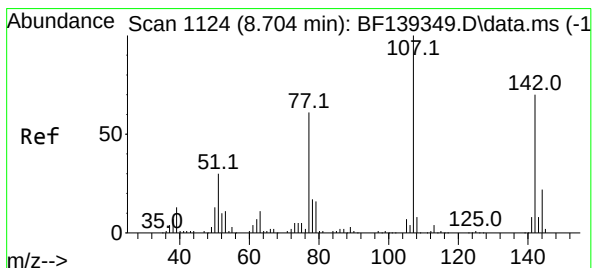
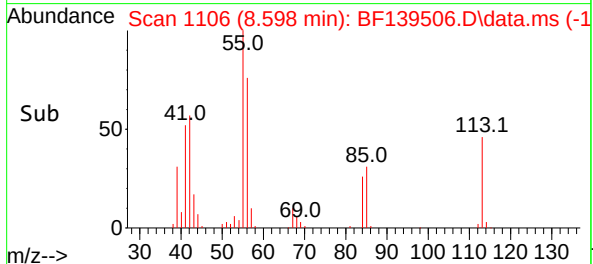
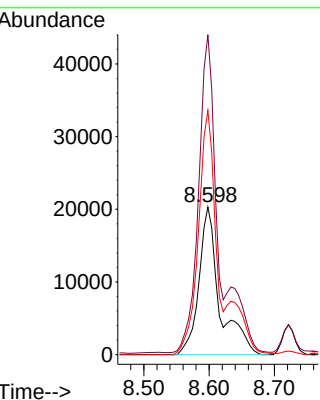
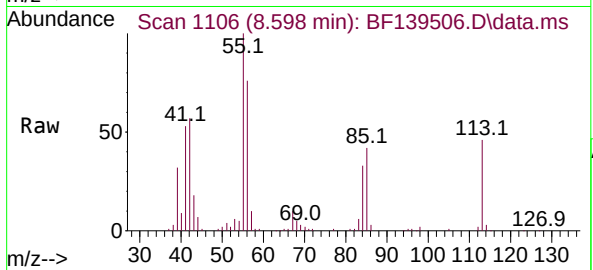
56 165.3 144.9 184.9

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Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#36

4-Chloro-3-methylphenol

Concen: 38.453 ng

RT: 8.722 min Scan# 1127

Delta R.T. 0.017 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

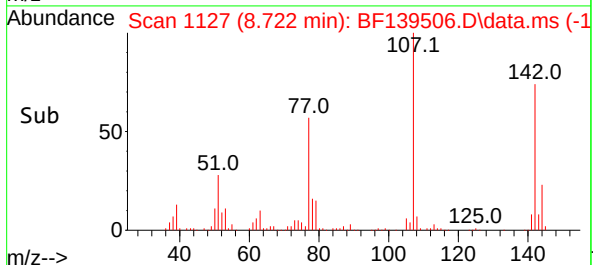
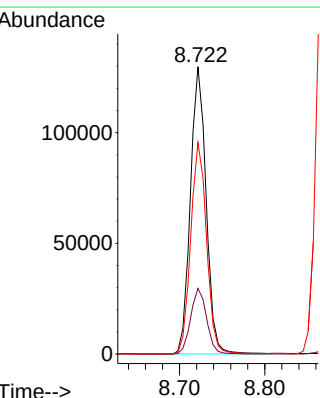
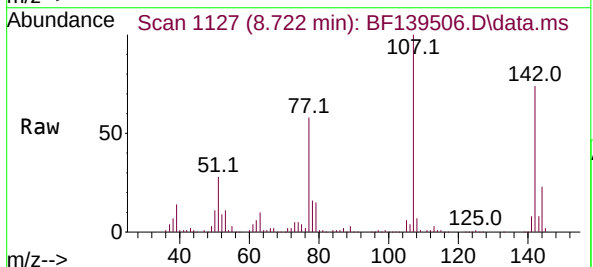
Tgt Ion:107 Resp: 166514

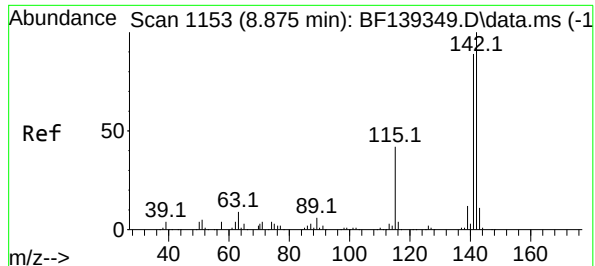
Ion Ratio Lower Upper

107 100

144 22.8 17.5 26.3

142 73.6 55.8 83.8





#37

2-Methylnaphthalene

Concen: 38.410 ng

RT: 8.875 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

Tgt Ion:142 Resp: 337410

Ion Ratio Lower Upper

142 100

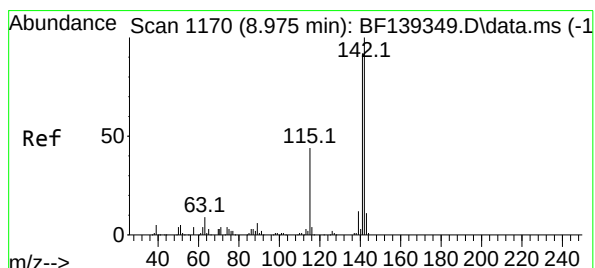
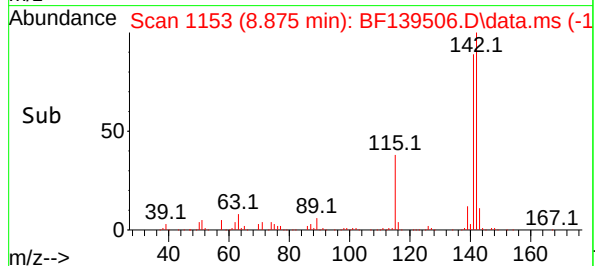
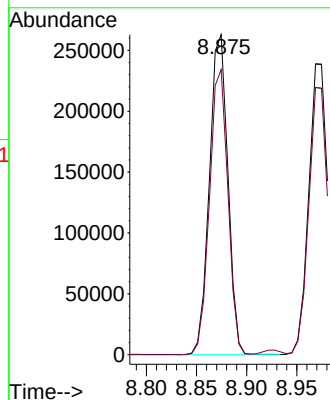
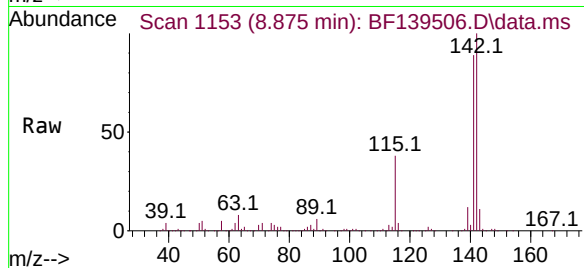
141 89.1 71.6 107.4

Manual Integrations

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Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#38

1-Methylnaphthalene

Concen: 36.312 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF139506.D

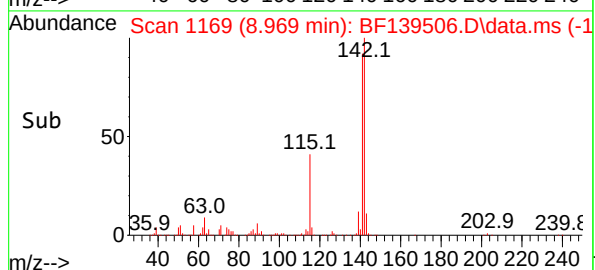
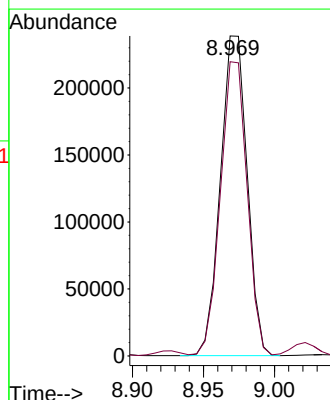
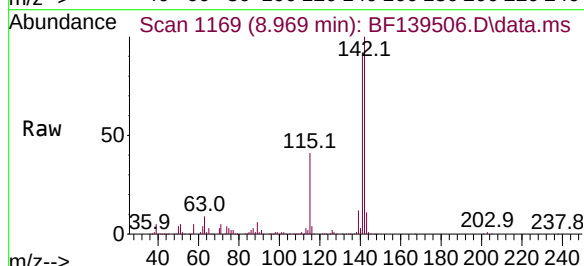
Acq: 20 Sep 2024 17:23

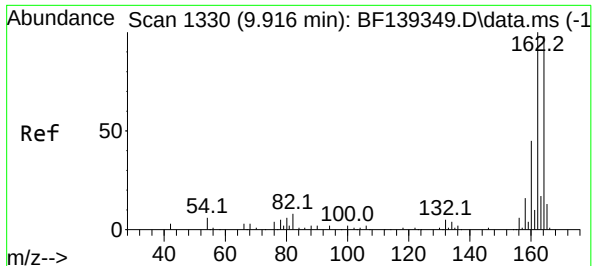
Tgt Ion:142 Resp: 313160

Ion Ratio Lower Upper

142 100

141 91.9 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF139506.D

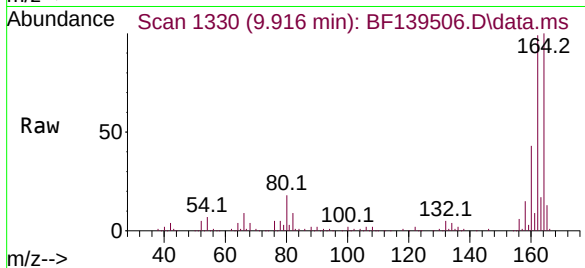
Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS



Tgt Ion:164 Resp: 12021

Ion Ratio Lower Upper

164 100

162 98.9 81.3 121.9

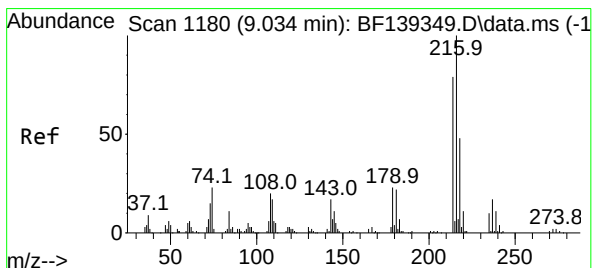
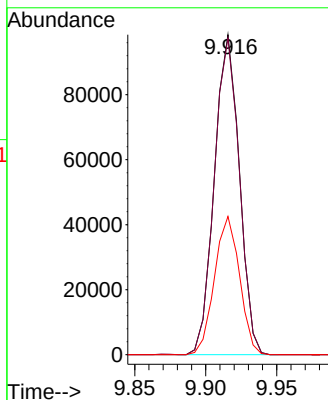
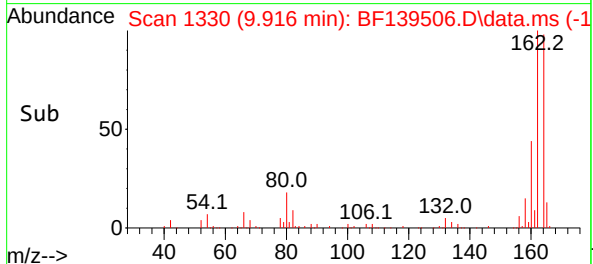
160 43.2 36.4 54.6

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Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#40

1,2,4,5-Tetrachlorobenzene

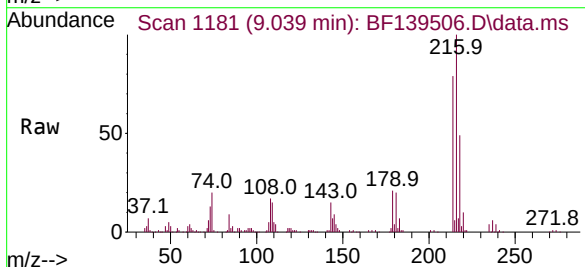
Concen: 44.626 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23



Tgt Ion:216 Resp: 158988

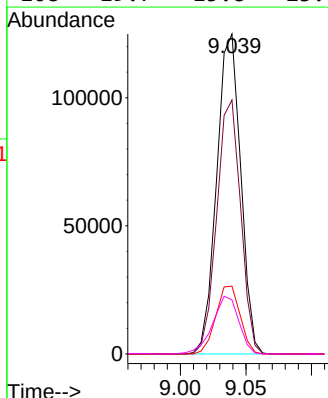
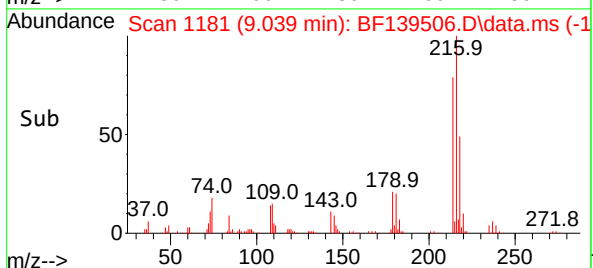
Ion Ratio Lower Upper

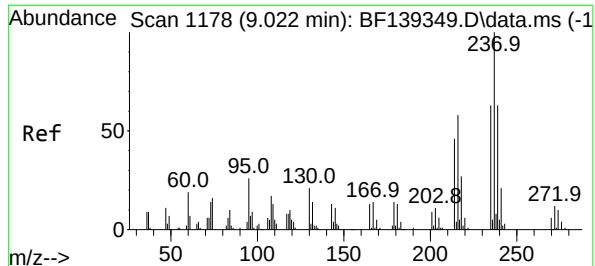
216 100

214 78.8 63.4 95.0

179 21.5 18.2 27.2

108 19.7 15.8 23.6





#41

Hexachlorocyclopentadiene

Concen: 79.974 ng

RT: 9.022 min Scan# 1178

Delta R.T. -0.000 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

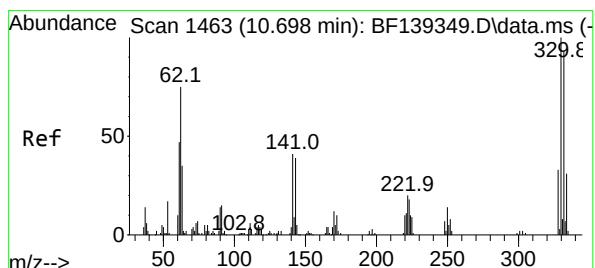
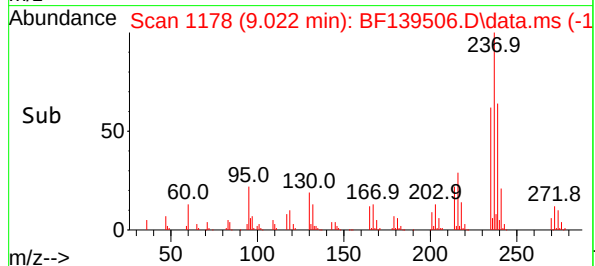
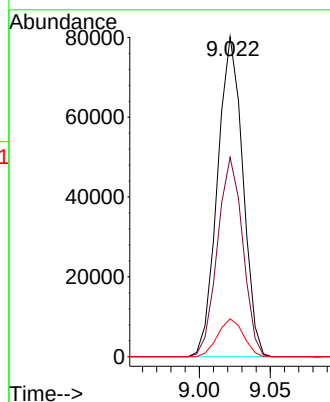
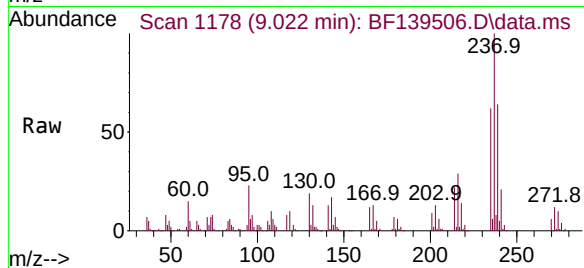
Tgt Ion:	237	Resp:	99484
Ion Ratio	Lower	Upper	
237	100		
235	62.3	42.7	82.7
272	11.9	0.0	32.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#42

2,4,6-Tribromophenol

Concen: 115.193 ng

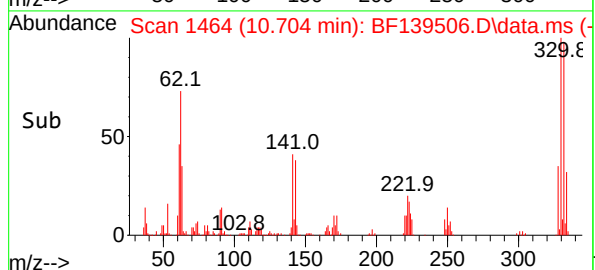
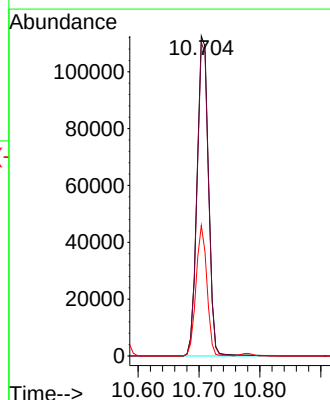
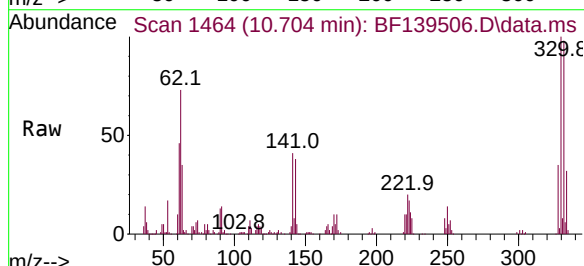
RT: 10.704 min Scan# 1464

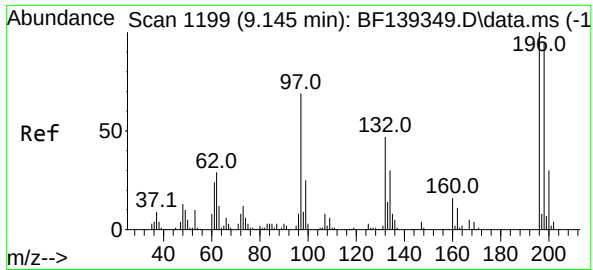
Delta R.T. 0.006 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Tgt Ion:	330	Resp:	147424
Ion Ratio	Lower	Upper	
330	100		
332	97.4	75.2	112.8
141	38.6	31.2	46.8





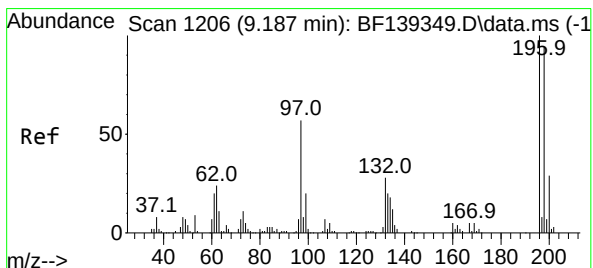
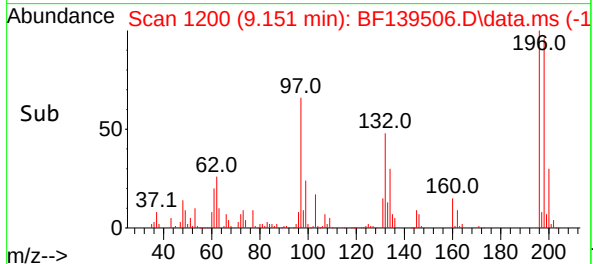
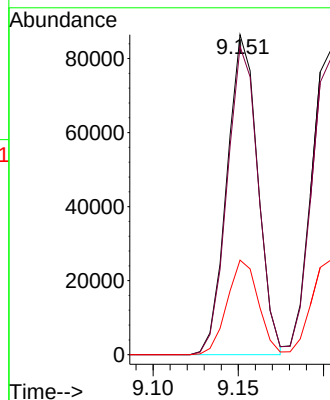
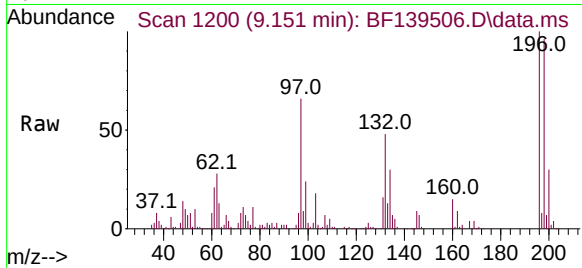
#43
2,4,6-Trichlorophenol
Concen: 46.922 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Instrument :
BNA_F
ClientSampleId :
WC-22AMS

Tgt Ion:196 Resp: 108760
Ion Ratio Lower Upper
196 100
198 96.3 75.8 113.6
200 29.5 24.1 36.1

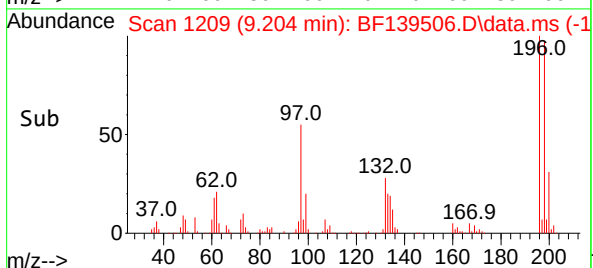
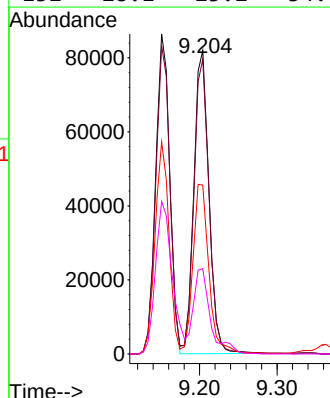
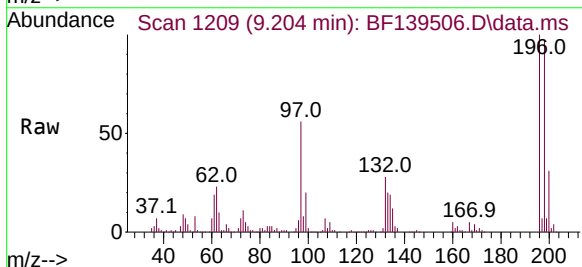
Manual Integrations
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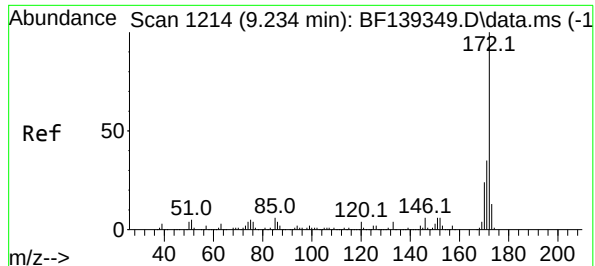
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#44
2,4,5-Trichlorophenol
Concen: 45.276 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.017 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Tgt Ion:196 Resp: 110699
Ion Ratio Lower Upper
196 100
198 97.1 74.8 112.2
97 55.6 47.3 70.9
132 28.1 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 90.380 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

Tgt Ion:172 Resp: 774659

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

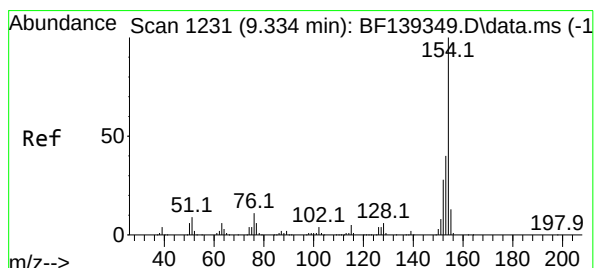
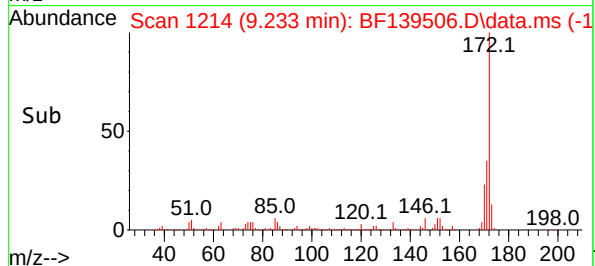
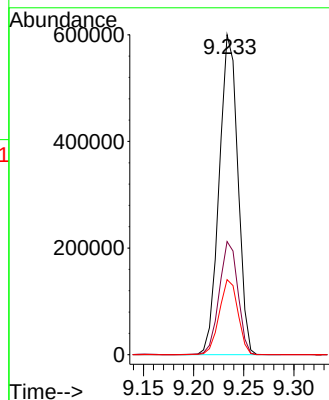
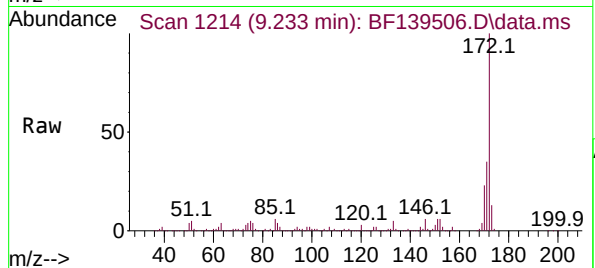
170 23.4 19.0 28.6

Manual Integrations

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Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#46

1,1'-Biphenyl

Concen: 45.637 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

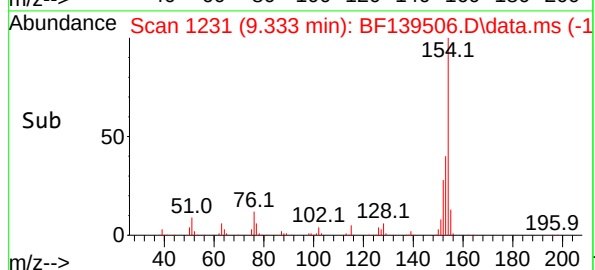
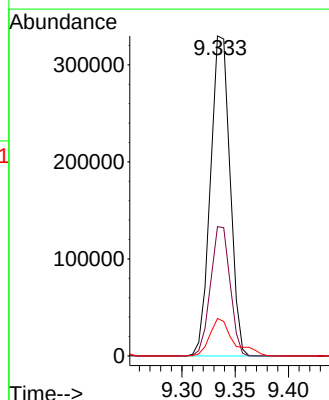
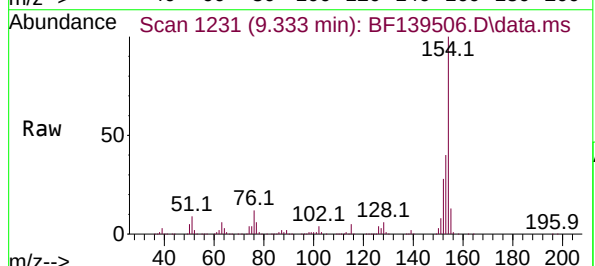
Tgt Ion:154 Resp: 422065

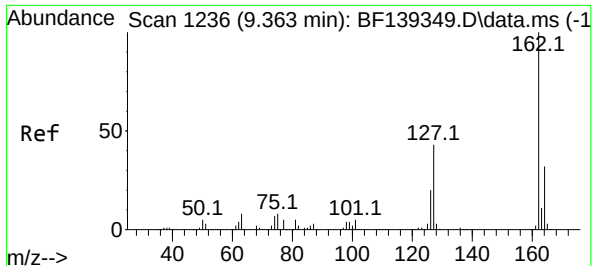
Ion Ratio Lower Upper

154 100

153 40.4 20.1 60.1

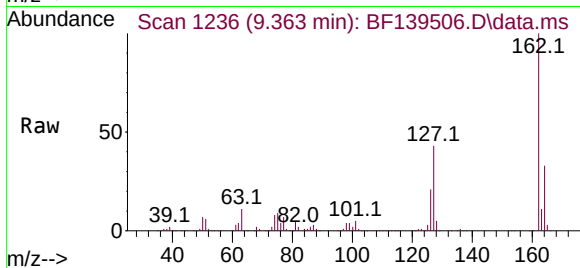
76 11.7 0.0 31.1





#47
2-Chloronaphthalene
Concen: 43.727 ng
RT: 9.363 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

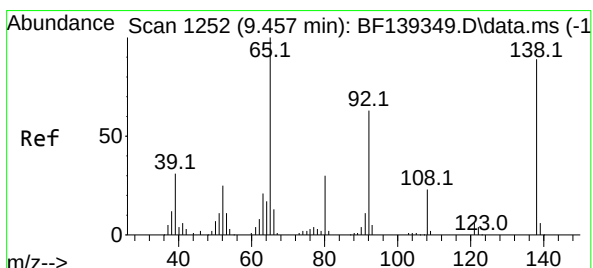
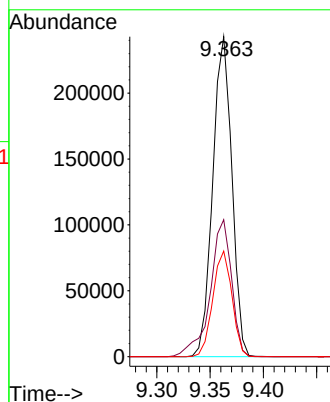
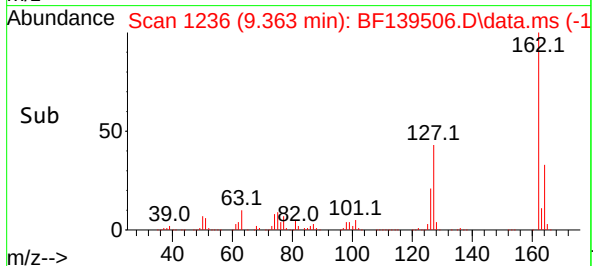
Instrument :
BNA_F
ClientSampleId :
WC-22AMS



Tgt Ion: 162 Resp: 302369
Ion Ratio Lower Upper
162 100
127 42.8 35.0 52.4
164 33.0 25.8 38.6

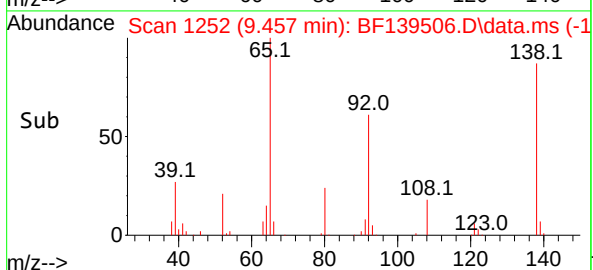
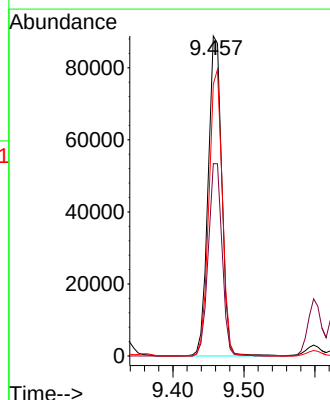
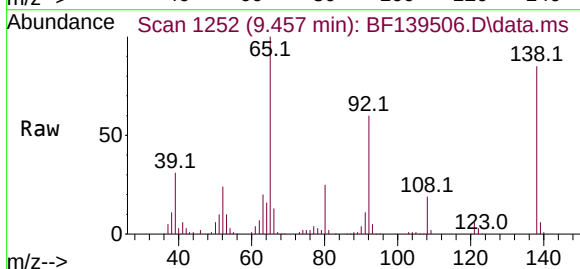
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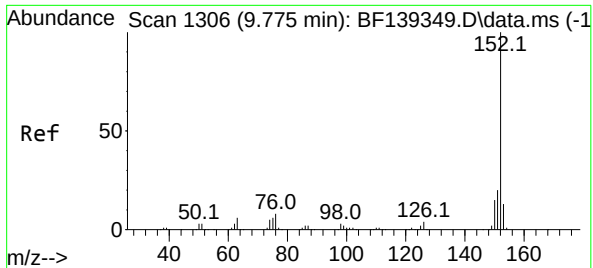
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#48
2-Nitroaniline
Concen: 46.262 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Tgt Ion: 65 Resp: 118985
Ion Ratio Lower Upper
65 100
92 60.1 50.3 75.5
138 84.9 71.3 106.9





#49

Acenaphthylene

Concen: 47.273 ng

RT: 9.774 min Scan# 11

Delta R.T. -0.001 min

Lab File: BF139506.D

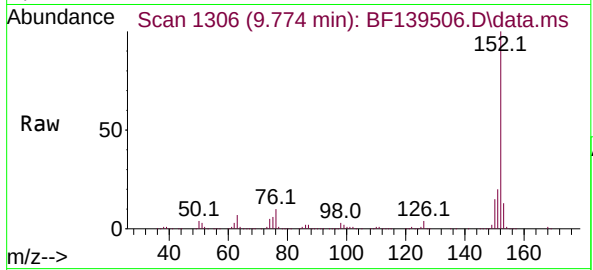
Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS



Tgt Ion:152 Resp: 492058

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

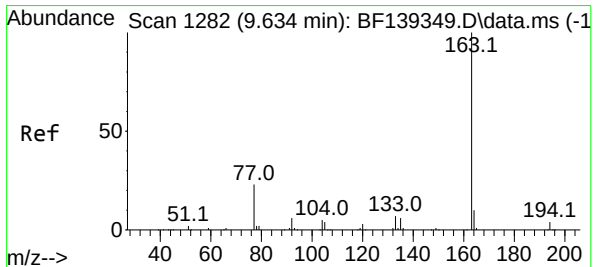
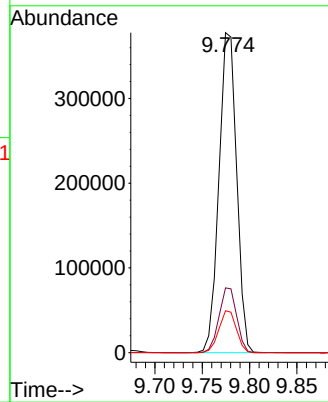
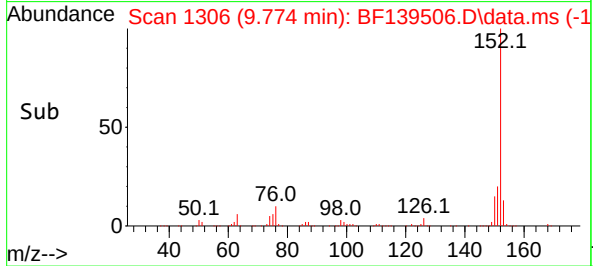
153 13.1 10.3 15.5

Manual Integrations

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Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#50

Dimethylphthalate

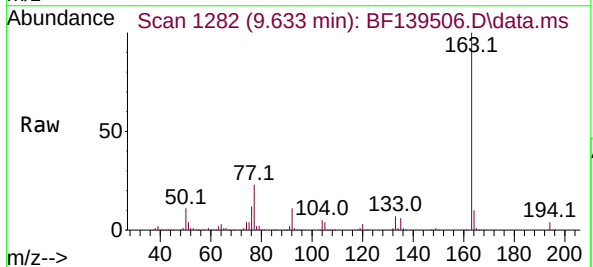
Concen: 49.123 ng

RT: 9.633 min Scan# 1282

Delta R.T. -0.000 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23



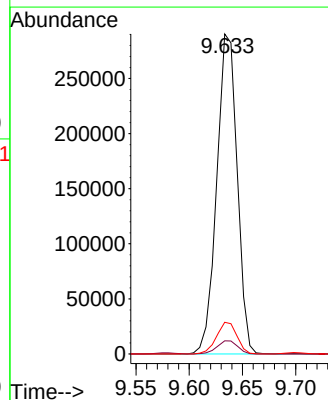
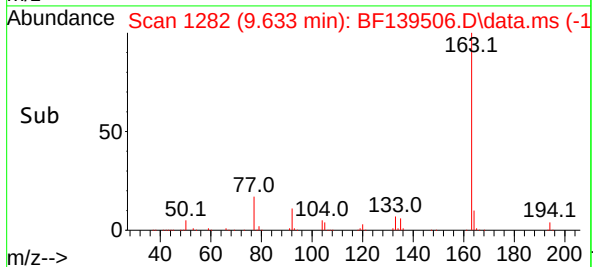
Tgt Ion:163 Resp: 387582

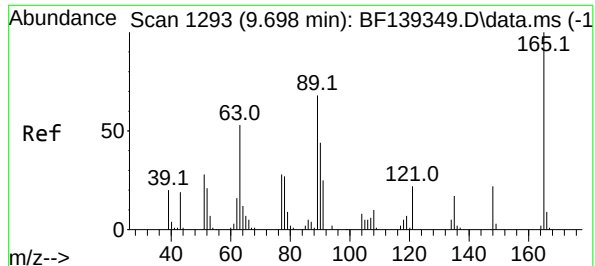
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 9.9 8.2 12.2





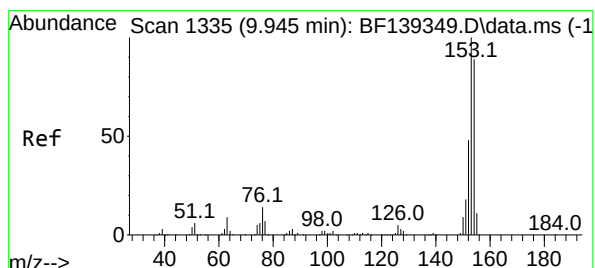
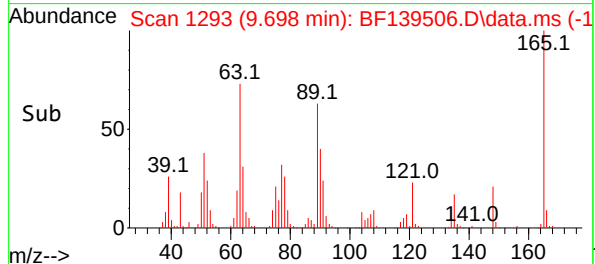
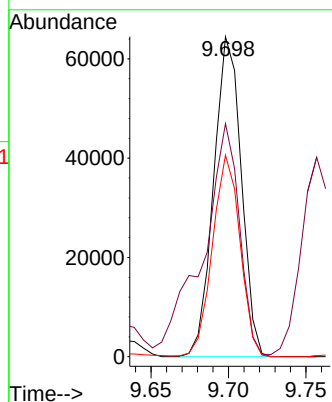
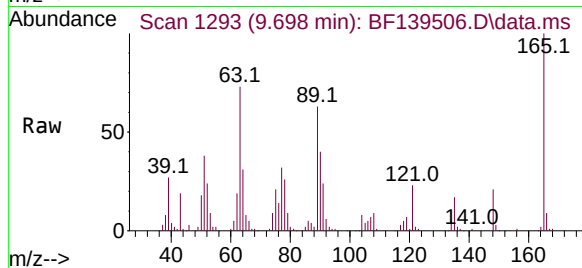
#51
2,6-Dinitrotoluene
Concen: 45.649 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Instrument :
BNA_F
ClientSampleId :
WC-22AMS

Tgt Ion:165 Resp: 79789
Ion Ratio Lower Upper
165 100
63 72.9 60.9 91.3
89 63.0 54.7 82.1

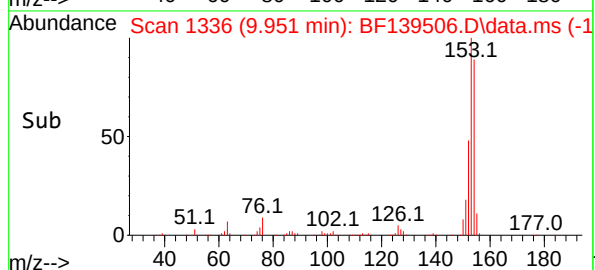
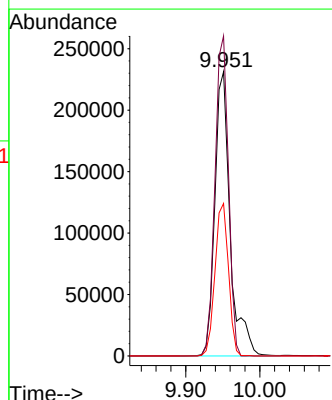
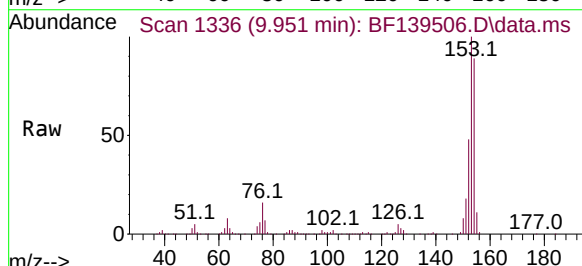
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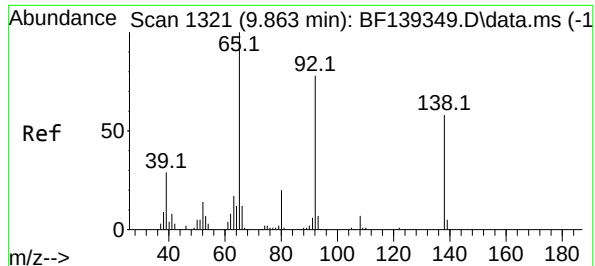
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#52
Acenaphthene
Concen: 45.720 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Tgt Ion:154 Resp: 332144
Ion Ratio Lower Upper
154 100
153 112.6 89.5 134.3
152 53.7 42.6 64.0





#53

3-Nitroaniline

Concen: 22.037 ng

RT: 9.869 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

Tgt Ion:138 Resp: 3849

Ion Ratio Lower Upper

138 100

108 11.3 9.8 14.8

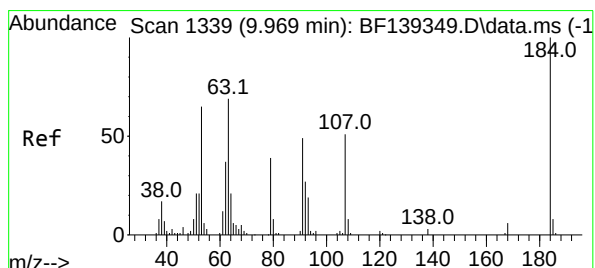
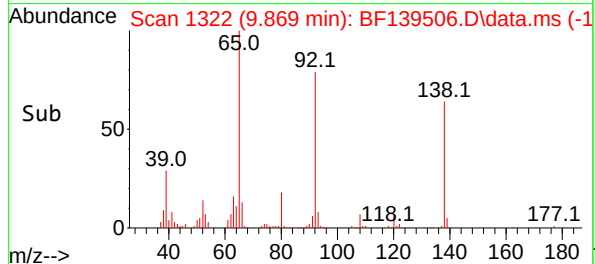
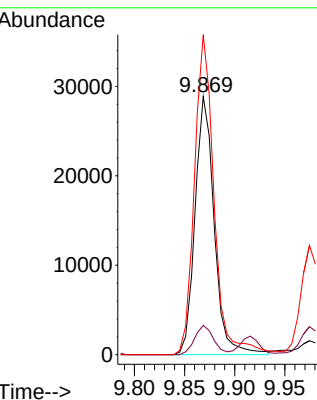
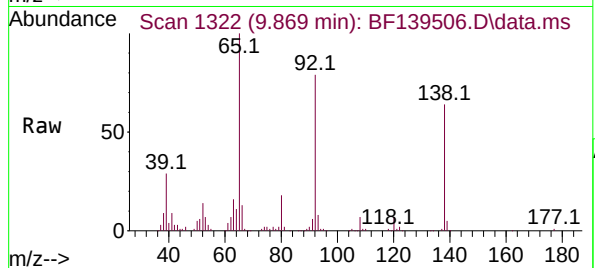
92 124.0 107.4 161.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#54

2,4-Dinitrophenol

Concen: 58.964 ng

RT: 9.975 min Scan# 1340

Delta R.T. 0.006 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

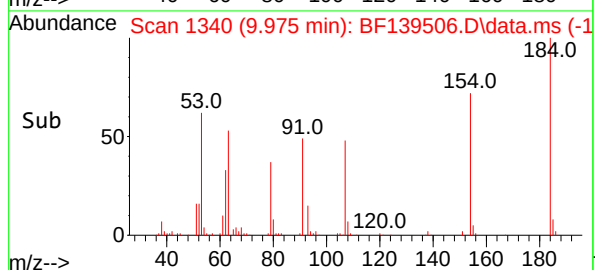
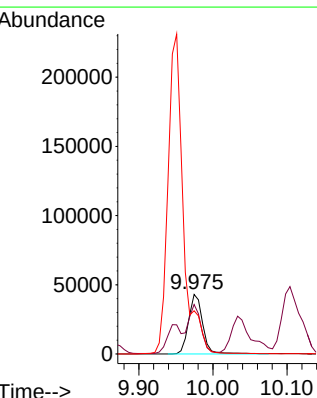
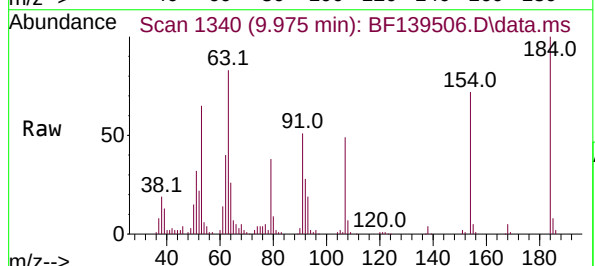
Tgt Ion:184 Resp: 57429

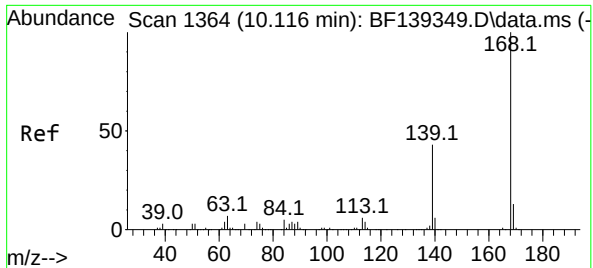
Ion Ratio Lower Upper

184 100

63 83.1 69.3 103.9

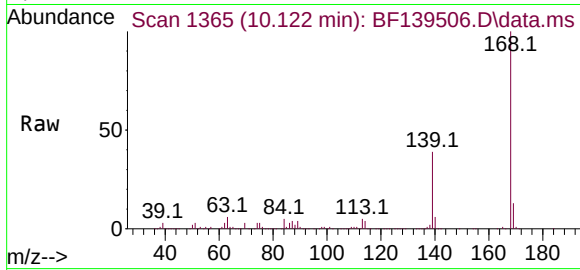
154 72.4 67.5 101.3





#55
Dibenzenofuran
Concen: 44.192 ng
RT: 10.122 min Scan# 1364
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

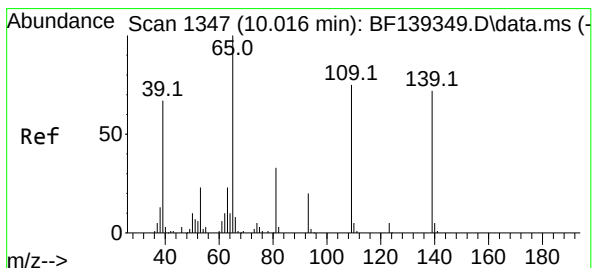
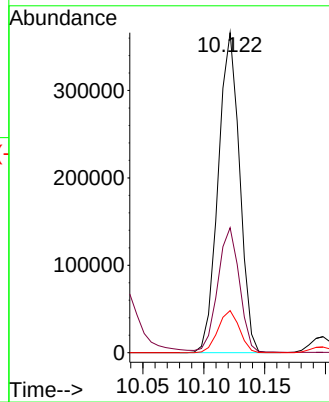
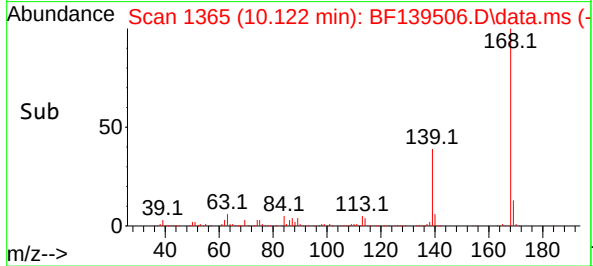
Instrument :
BNA_F
ClientSampleId :
WC-22AMS



Tgt Ion:168 Resp: 447474
Ion Ratio Lower Upper
168 100
139 39.0 34.1 51.1
169 13.2 10.5 15.7

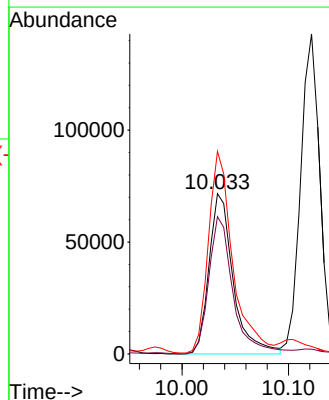
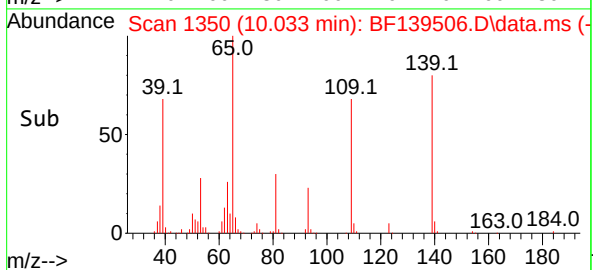
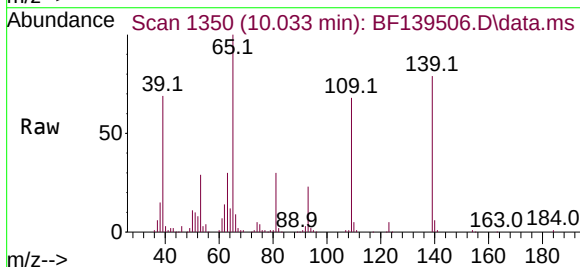
Manual Integrations
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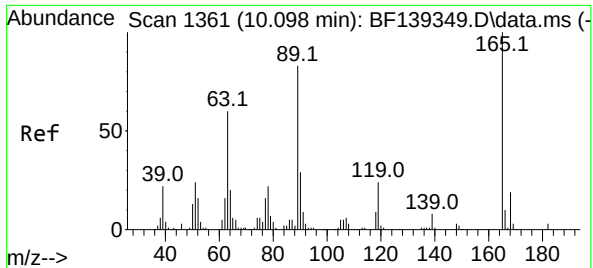
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#56
4-Nitrophenol
Concen: 78.488 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.017 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

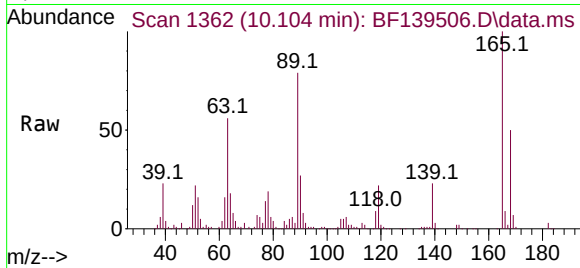
Tgt Ion:139 Resp: 113447
Ion Ratio Lower Upper
139 100
109 85.6 84.1 124.1
65 126.3 120.0 160.0





#57
2,4-Dinitrotoluene
Concen: 45.390 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

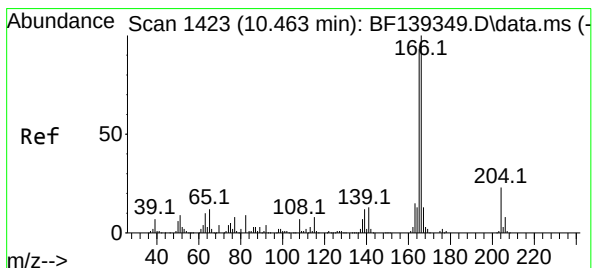
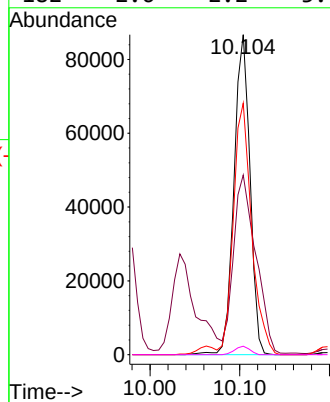
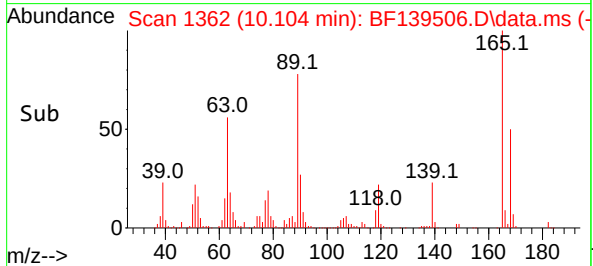
Instrument :
BNA_F
ClientSampleId :
WC-22AMS



Tgt Ion:165 Resp: 107111
Ion Ratio Lower Upper
165 100
63 56.2 47.8 71.6
89 78.6 66.7 100.1
182 2.6 2.2 3.4

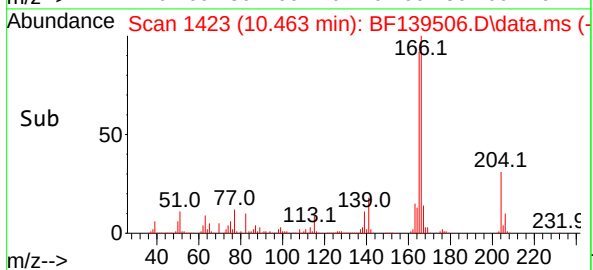
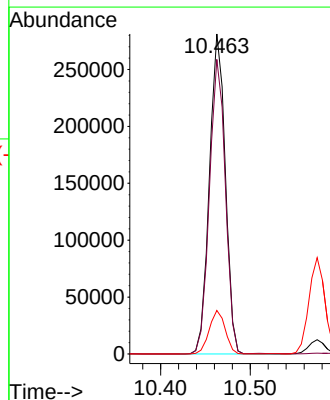
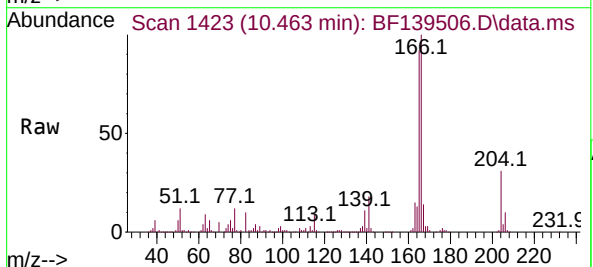
Manual Integrations
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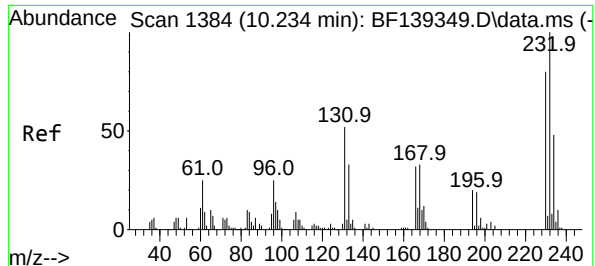
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#58
Fluorene
Concen: 41.862 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

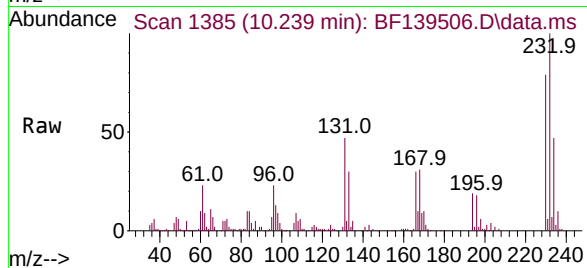
Tgt Ion:166 Resp: 345845
Ion Ratio Lower Upper
166 100
165 92.0 74.5 111.7
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.122 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

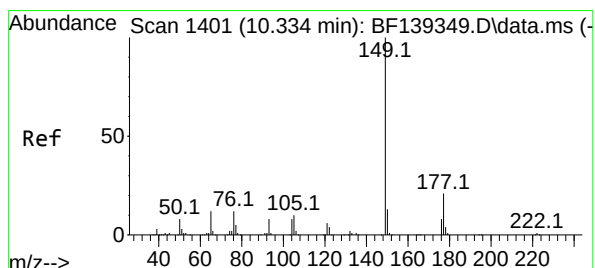
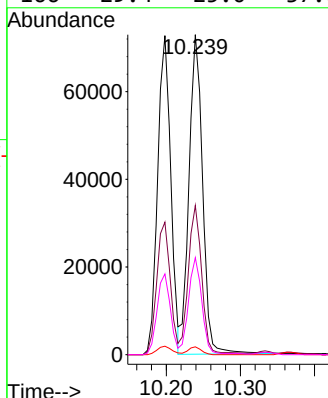
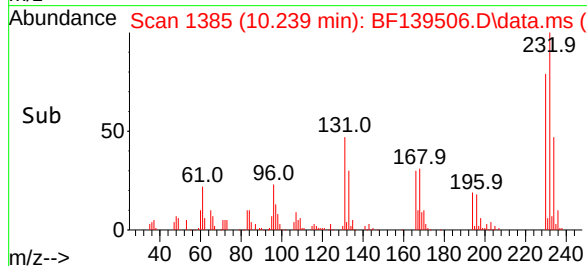
Instrument :
BNA_F
ClientSampleId :
WC-22AMS



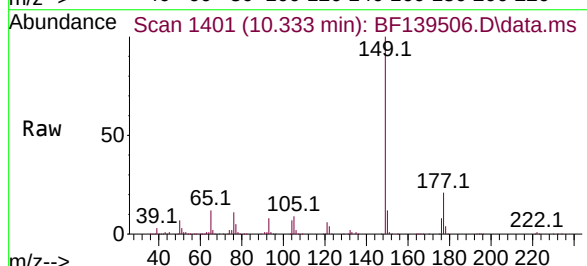
Tgt Ion:232 Resp: 9328
Ion Ratio Lower Upper
232 100
131 45.1 40.7 61.1
130 2.3 2.2 3.2
166 29.4 25.0 37.6

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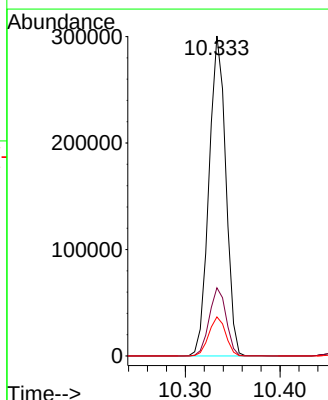
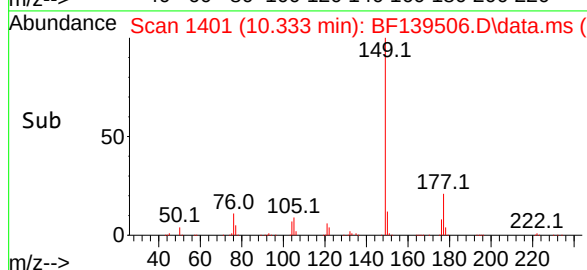
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

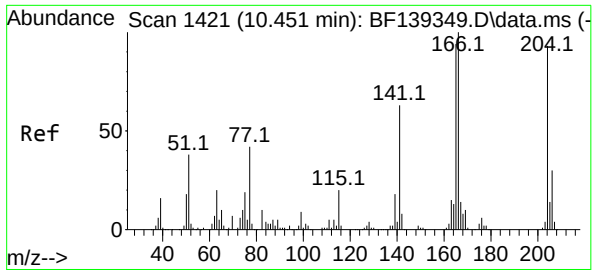


#60
Diethylphthalate
Concen: 45.648 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23



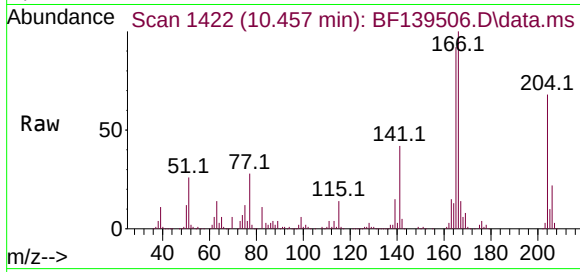
Tgt Ion:149 Resp: 371672
Ion Ratio Lower Upper
149 100
177 21.3 16.6 24.8
150 12.2 10.6 15.8





#61
4-Chlorophenyl-phenylether
Concen: 42.253 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

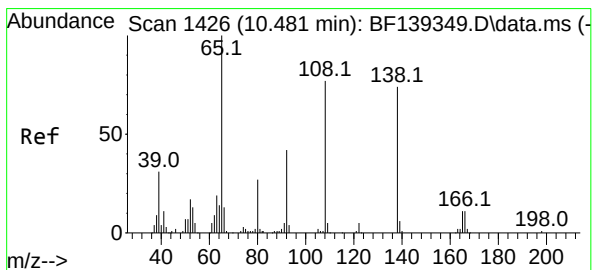
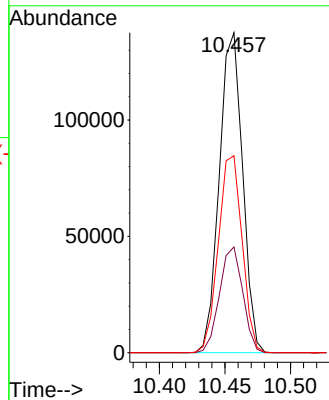
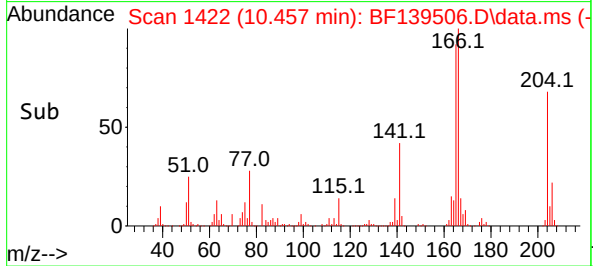
Instrument :
BNA_F
ClientSampleId :
WC-22AMS



Tgt Ion:204 Resp: 16964
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 61.5 53.9 80.9

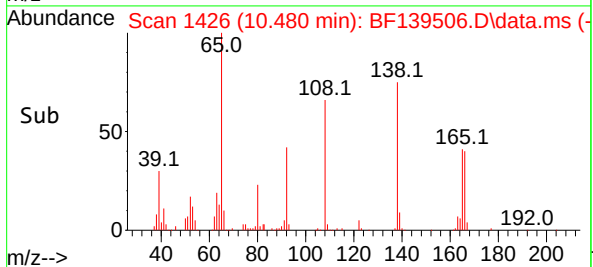
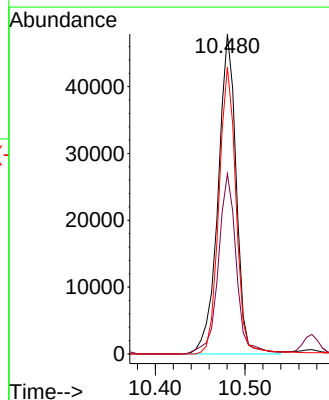
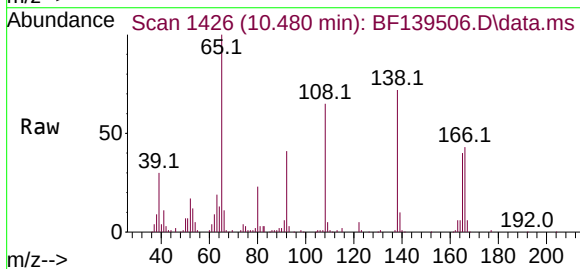
Manual Integrations
APPROVED

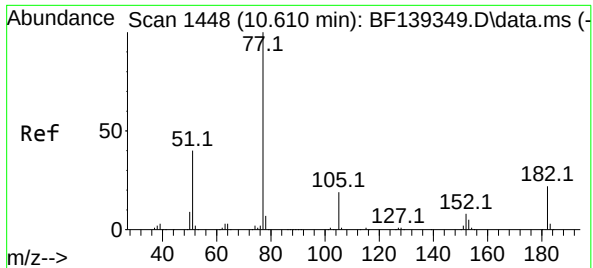
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#62
4-Nitroaniline
Concen: 35.401 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

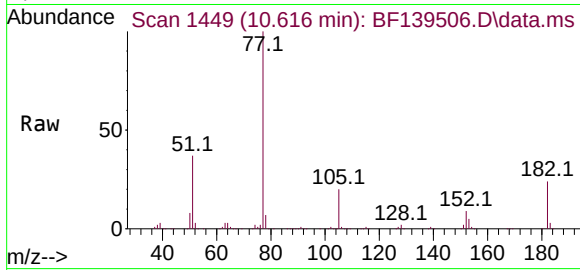
Tgt Ion:138 Resp: 67491
Ion Ratio Lower Upper
138 100
92 56.3 37.0 77.0
108 89.7 84.4 124.4





#63
Azobenzene
Concen: 42.873 ng
RT: 10.616 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

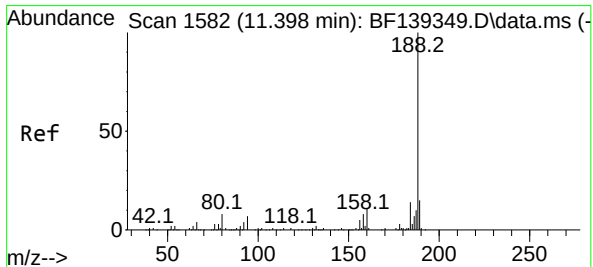
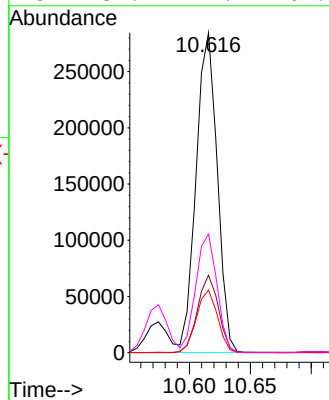
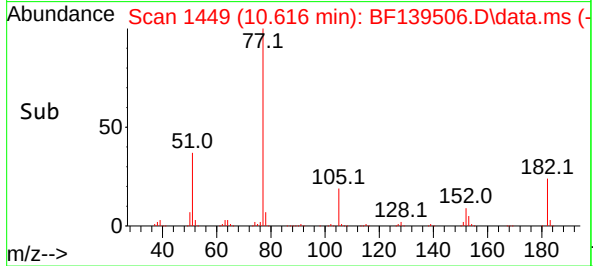
Instrument :
BNA_F
ClientSampleId :
WC-22AMS



Tgt Ion: 77 Resp: 34334
Ion Ratio Lower Upper
77 100
182 24.2 1.8 41.8
105 19.5 0.0 38.6
51 37.1 21.4 61.4

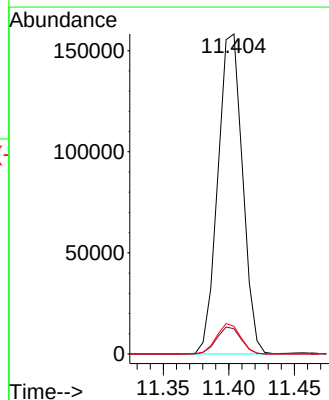
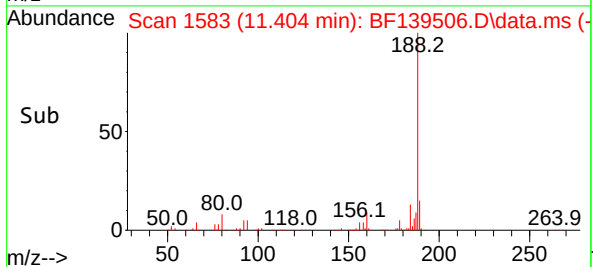
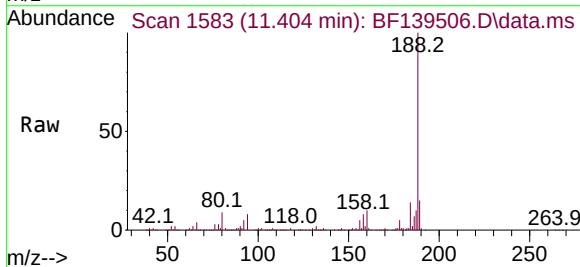
Manual Integrations
APPROVED

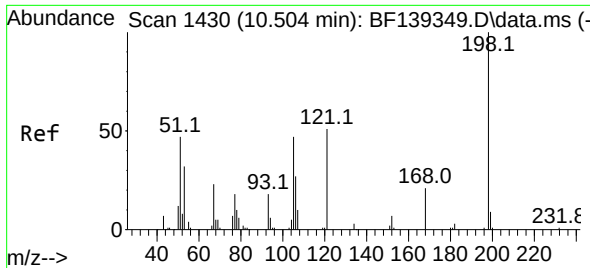
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

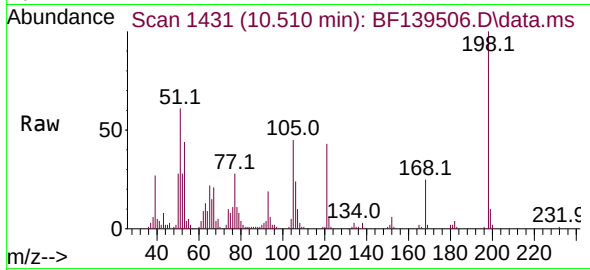
Tgt Ion:188 Resp: 206785
Ion Ratio Lower Upper
188 100
94 7.8 5.5 8.3
80 8.7 6.6 9.8





#65
4,6-Dinitro-2-methylphenol
Concen: 34.292 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

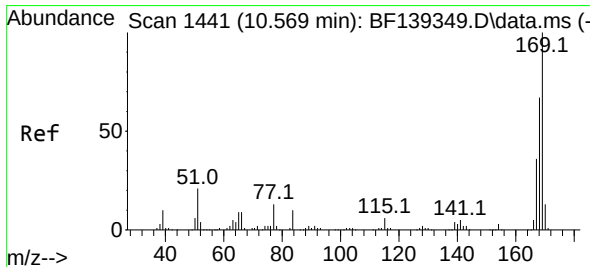
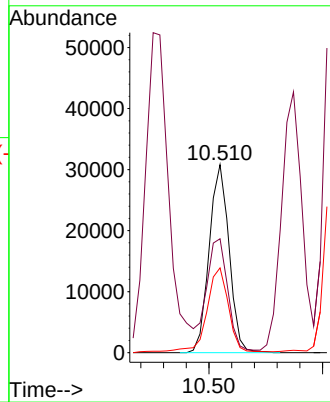
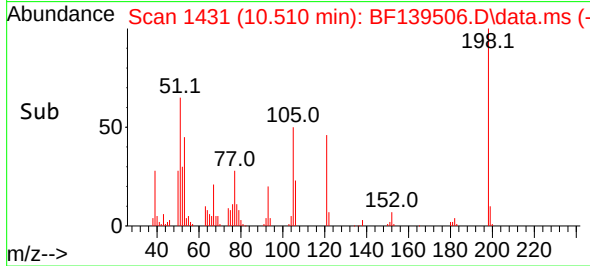
Instrument :
BNA_F
ClientSampleId :
WC-22AMS



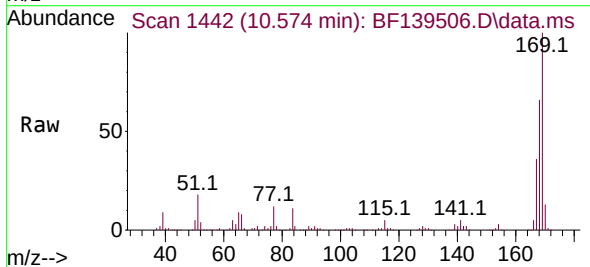
Tgt Ion:198 Resp: 37420
Ion Ratio Lower Upper
198 100
51 60.6 50.4 90.4
105 45.1 28.3 68.3

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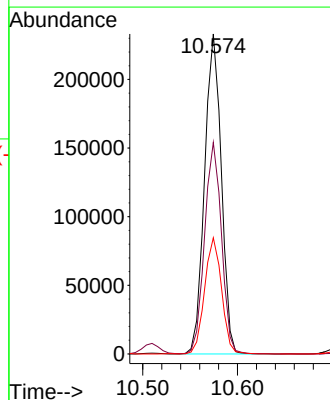
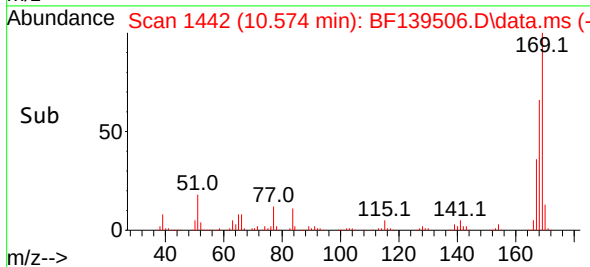
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

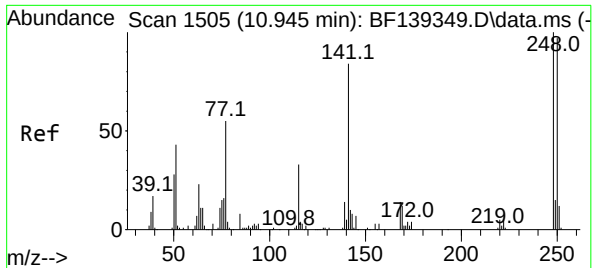


#66
n-Nitrosodiphenylamine
Concen: 47.208 ng
RT: 10.574 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23



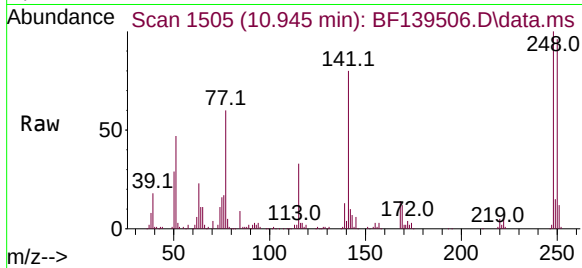
Tgt Ion:169 Resp: 285403
Ion Ratio Lower Upper
169 100
168 66.1 53.6 80.4
167 36.3 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 47.996 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

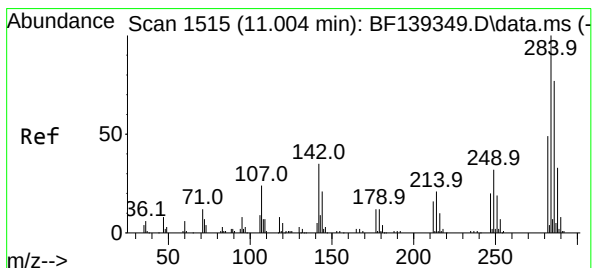
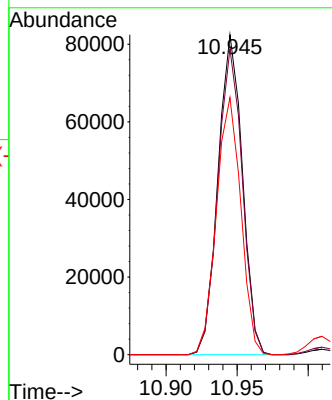
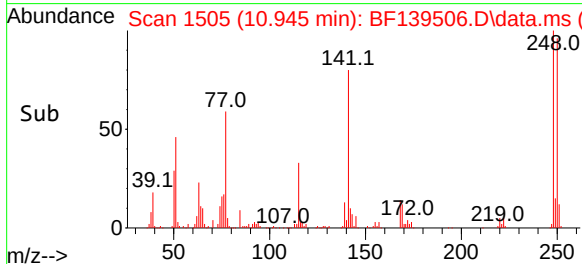
Instrument :
BNA_F
ClientSampleId :
WC-22AMS



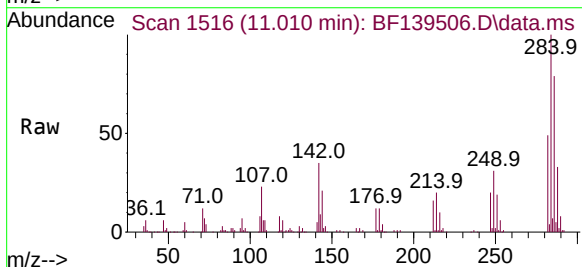
Tgt Ion:248 Resp: 9835
Ion Ratio Lower Upper
248 100
250 95.6 77.6 116.4
141 80.4 66.9 100.3

Manual Integrations
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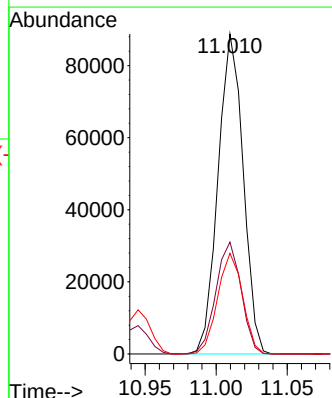
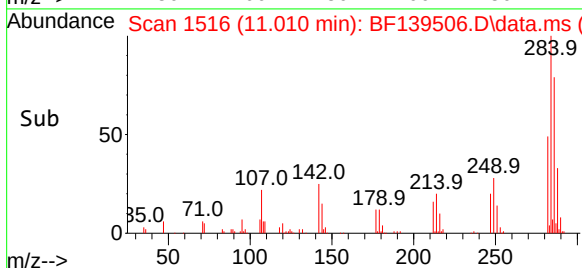
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

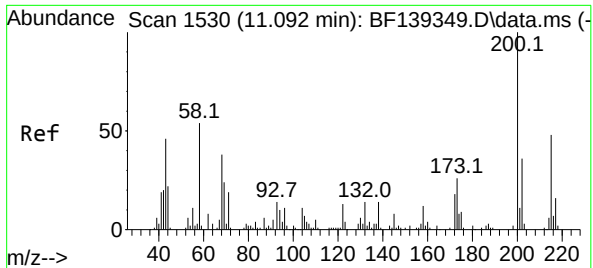


#68
Hexachlorobenzene
Concen: 45.379 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23



Tgt Ion:284 Resp: 109136
Ion Ratio Lower Upper
284 100
142 34.9 28.0 42.0
249 31.5 25.3 37.9





#69

Atrazine

Concen: 46.294 ng

RT: 11.104 min Scan# 1532

Delta R.T. 0.012 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

Tgt Ion:200 Resp: 66630

Ion Ratio Lower Upper

200 100

173 25.4 6.1 46.1

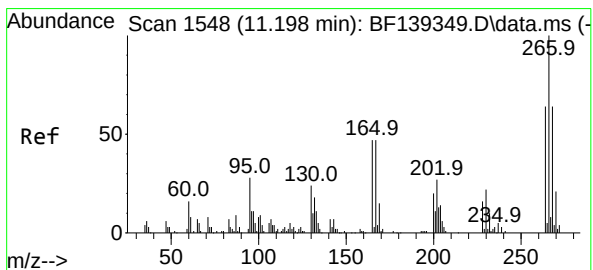
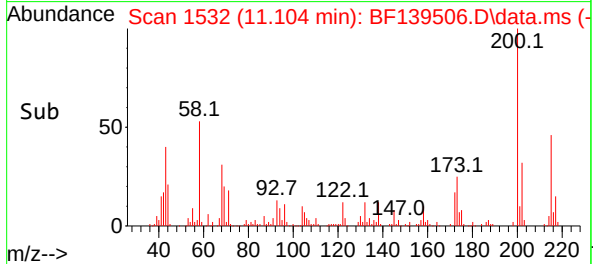
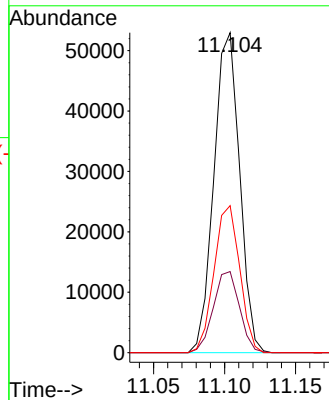
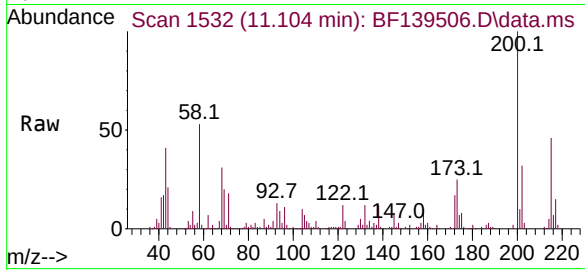
215 46.0 28.2 68.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#70

Pentachlorophenol

Concen: 98.860 ng

RT: 11.210 min Scan# 1550

Delta R.T. 0.012 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

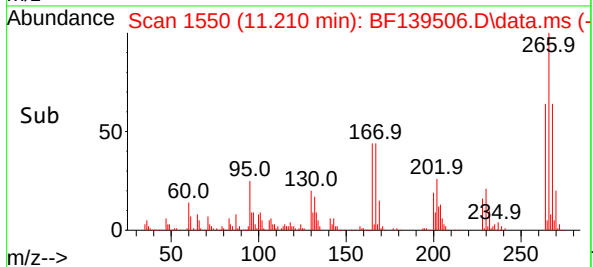
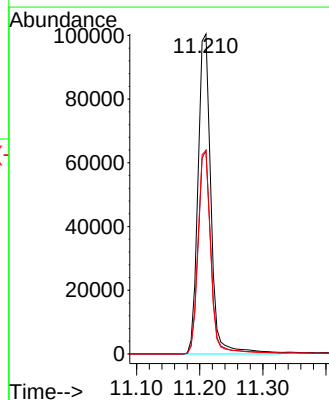
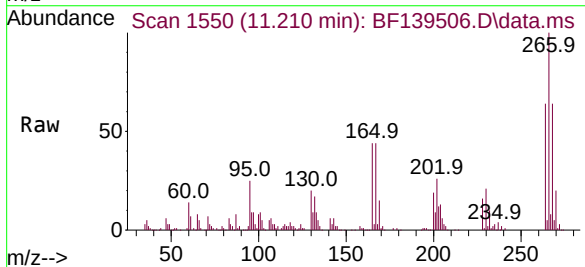
Tgt Ion:266 Resp: 142663

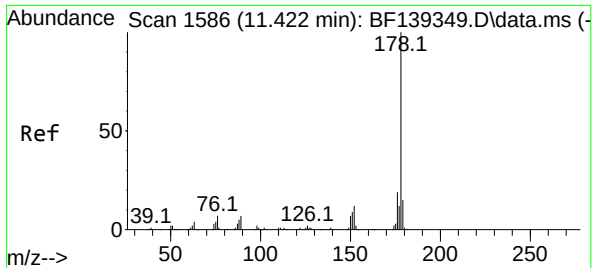
Ion Ratio Lower Upper

266 100

268 63.6 51.1 76.7

264 63.6 51.4 77.0





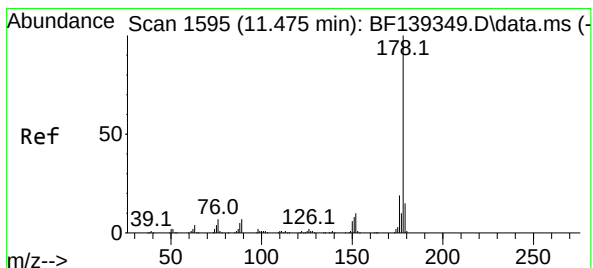
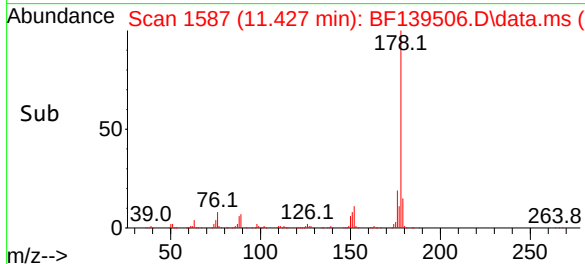
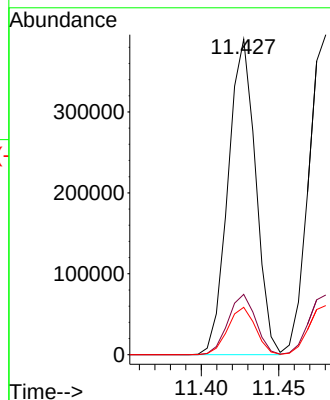
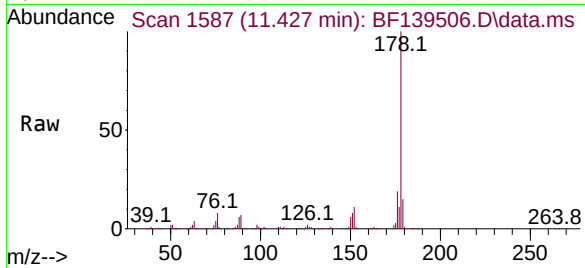
#71
Phenanthrene
Concen: 48.277 ng
RT: 11.427 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Instrument :
BNA_F
ClientSampleId :
WC-22AMS

Tgt Ion:178 Resp: 481633
Ion Ratio Lower Upper
178 100
176 19.1 15.2 22.8
179 15.0 12.2 18.4

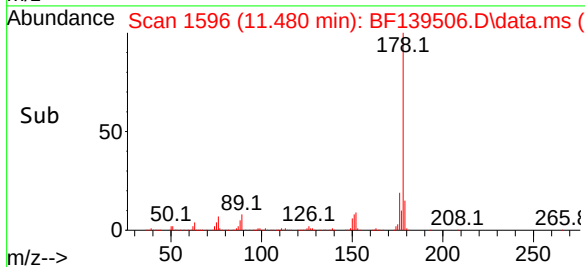
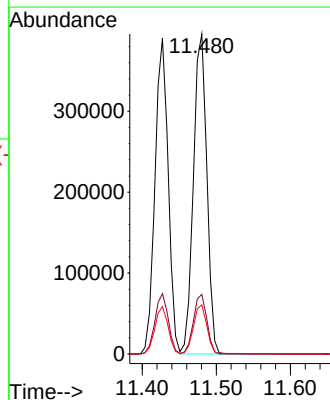
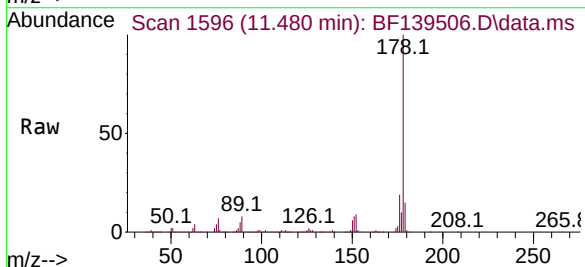
Manual Integrations
APPROVED

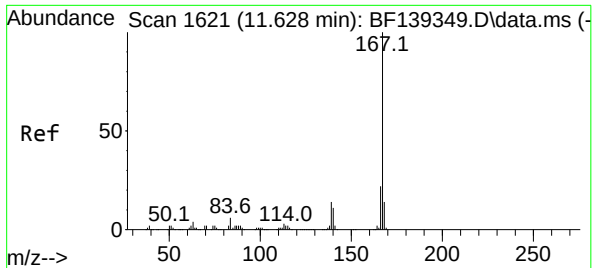
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#72
Anthracene
Concen: 50.906 ng
RT: 11.480 min Scan# 1596
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

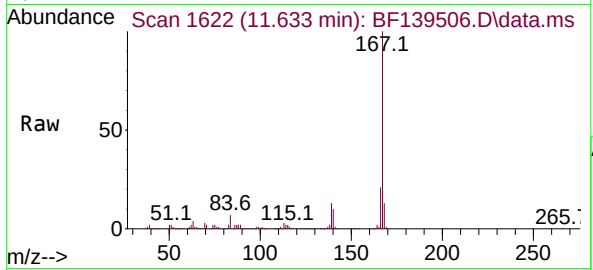
Tgt Ion:178 Resp: 496555
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.4 12.0 18.0





#73
Carbazole
Concen: 48.996 ng
RT: 11.633 min Scan# 1622
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

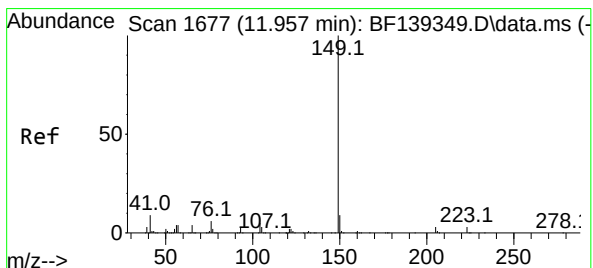
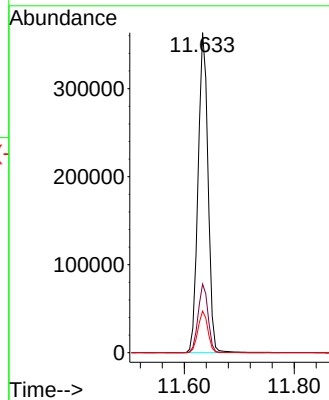
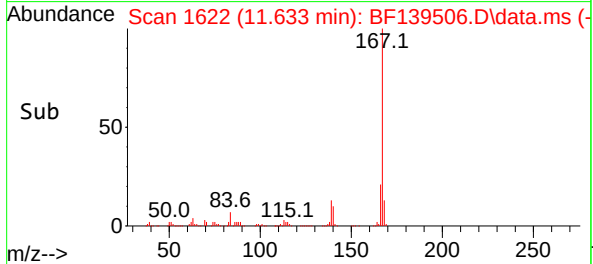
Instrument :
BNA_F
ClientSampleId :
WC-22AMS



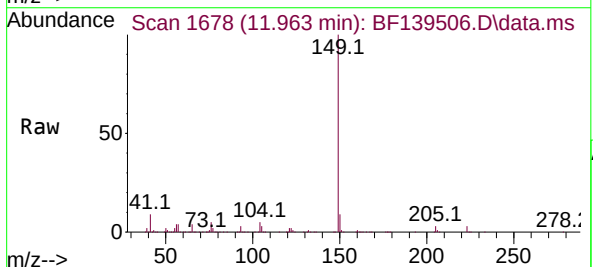
Tgt Ion:167 Resp: 457414
Ion Ratio Lower Upper
167 100
166 21.4 17.5 26.3
139 13.0 10.9 16.3

Manual Integrations
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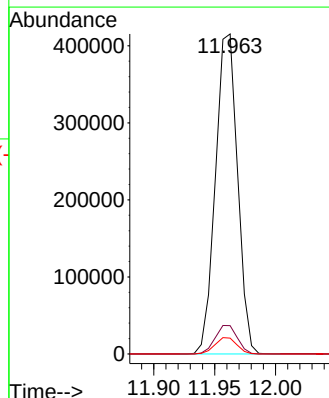
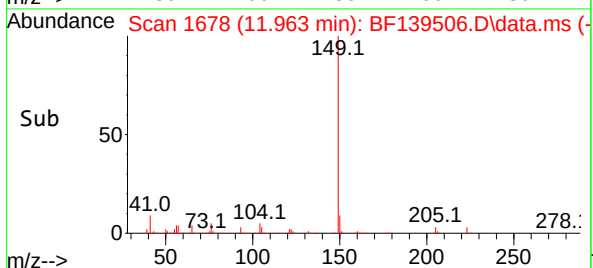
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

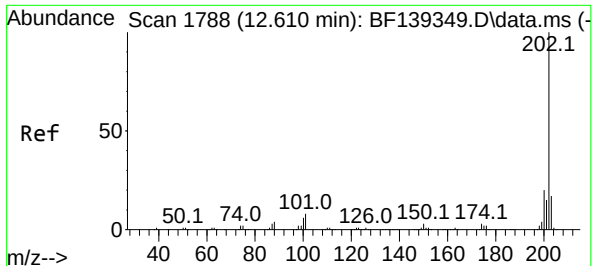


#74
Di-n-butylphthalate
Concen: 50.453 ng
RT: 11.963 min Scan# 1678
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23



Tgt Ion:149 Resp: 524700
Ion Ratio Lower Upper
149 100
150 8.9 7.3 10.9
104 5.0 4.3 6.5





#75

Fluoranthene

Concen: 48.916 ng

RT: 12.616 min Scan# 1789

Delta R.T. 0.006 min

Lab File: BF139506.D

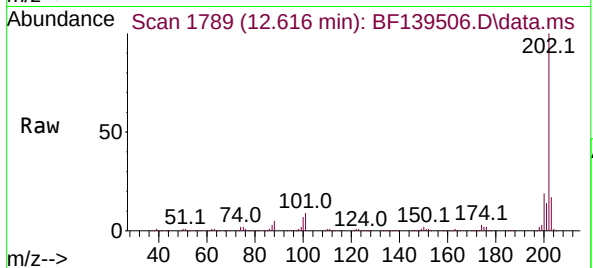
Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS



Tgt Ion:202 Resp: 52115

Ion Ratio Lower Upper

202 100

101 8.7 0.0 27.7

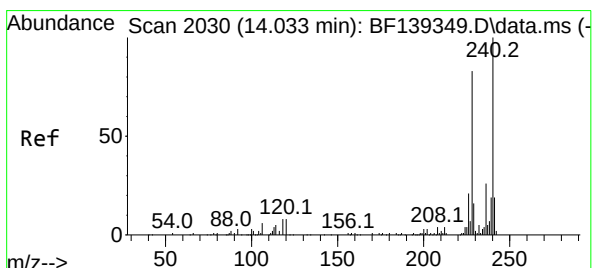
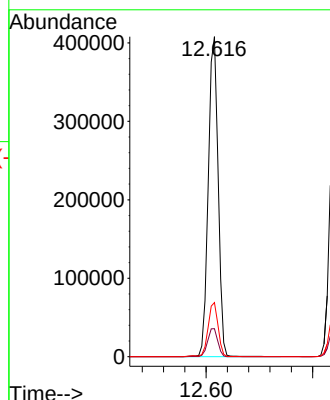
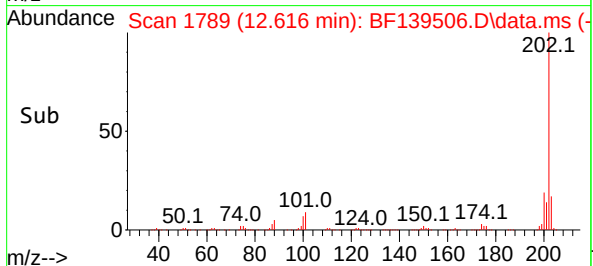
203 16.9 0.0 37.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

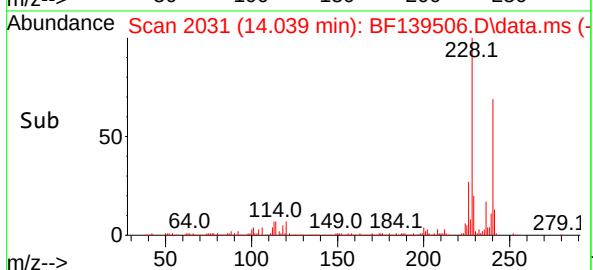
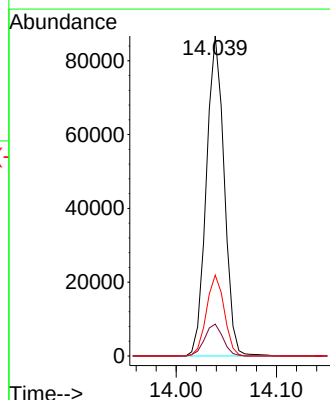
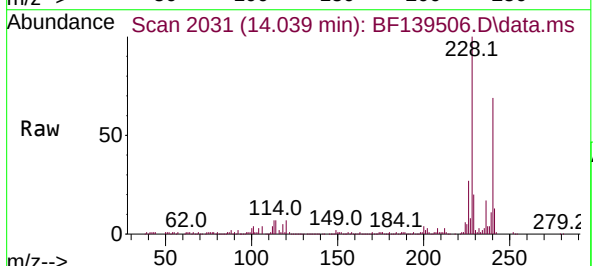
Tgt Ion:240 Resp: 107208

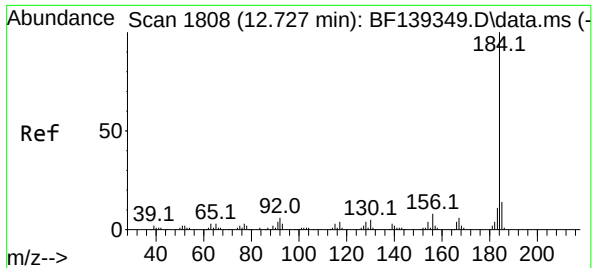
Ion Ratio Lower Upper

240 100

120 9.9 6.2 9.2#

236 25.3 20.9 31.3





#77

Benzidine

Concen: 19.063 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.017 min

Lab File: BF139506.D

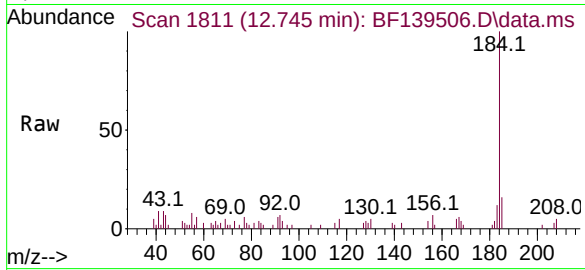
Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS



Tgt Ion:184 Resp: 29280

Ion Ratio Lower Upper

184 100

185 16.2 11.5 17.3

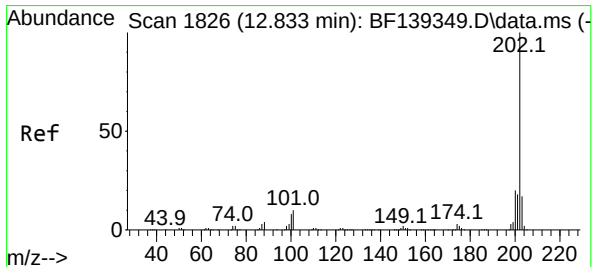
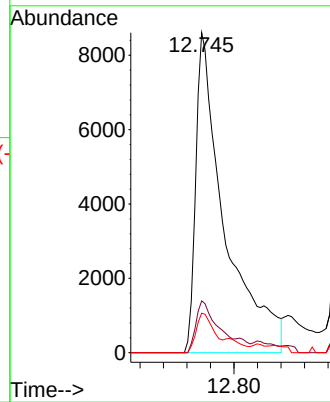
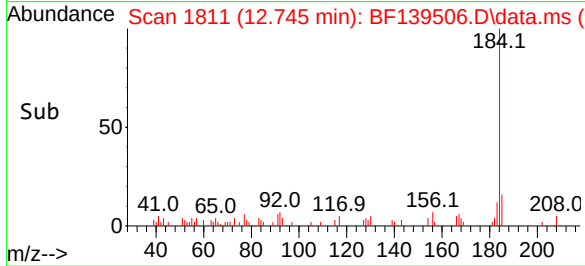
183 12.3 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#78

Pyrene

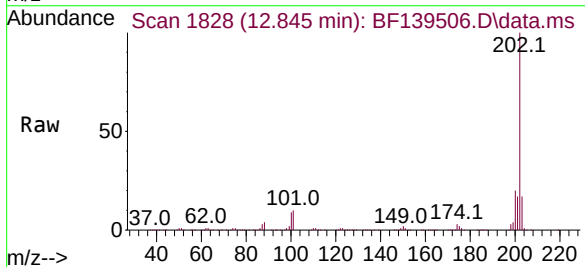
Concen: 56.518 ng

RT: 12.845 min Scan# 1828

Delta R.T. 0.012 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23



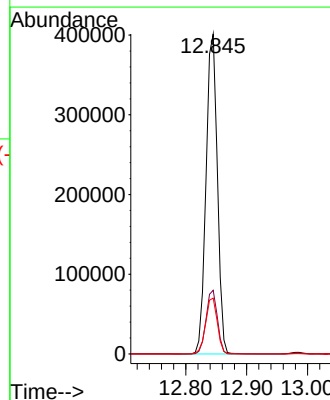
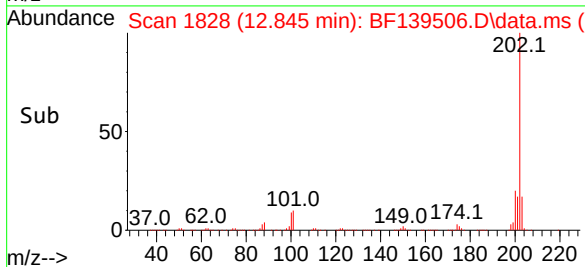
Tgt Ion:202 Resp: 520261

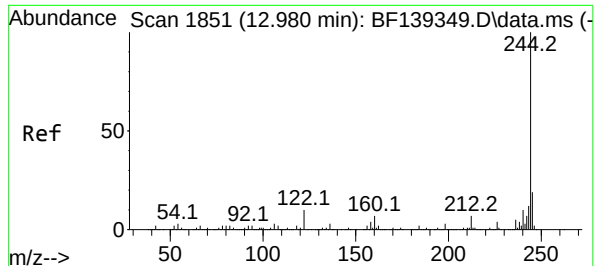
Ion Ratio Lower Upper

202 100

200 19.9 16.2 24.2

203 17.5 13.9 20.9





#79

Terphenyl-d14

Concen: 110.523 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.006 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

Tgt Ion:244 Resp: 72188

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

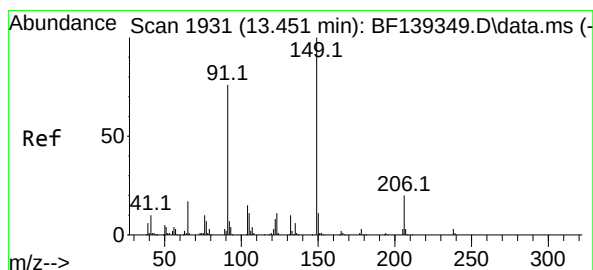
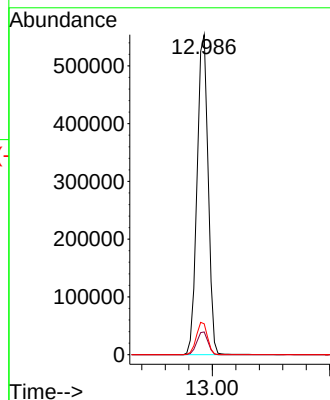
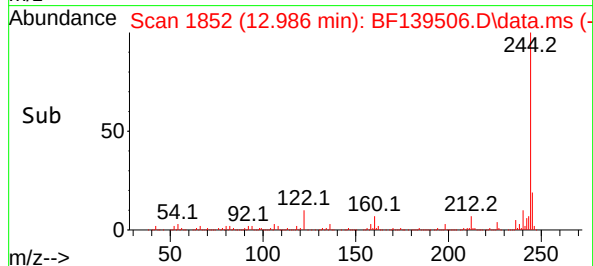
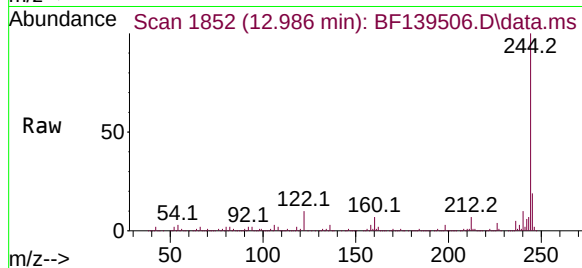
122 9.6 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#80

Butylbenzylphthalate

Concen: 62.053 ng

RT: 13.457 min Scan# 1932

Delta R.T. 0.006 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

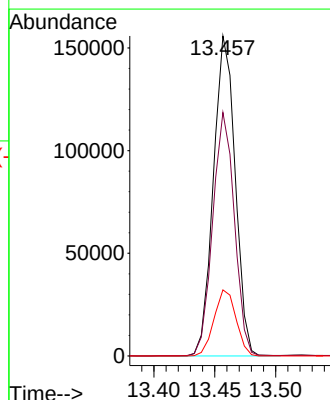
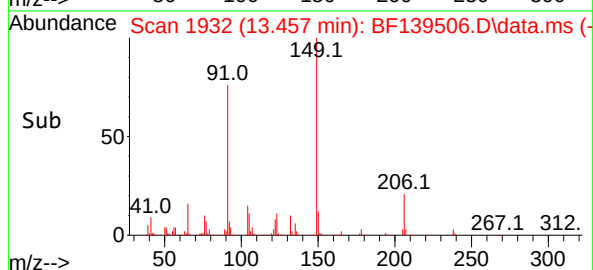
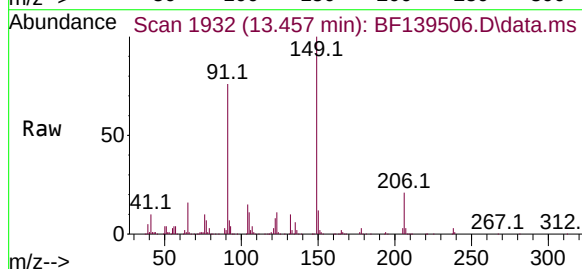
Tgt Ion:149 Resp: 194429

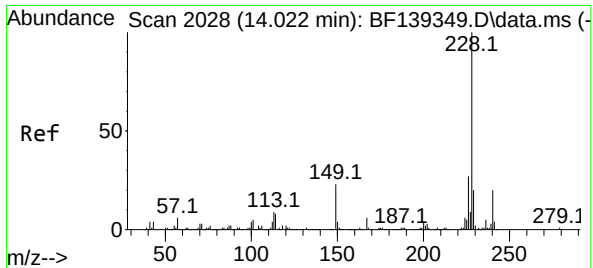
Ion Ratio Lower Upper

149 100

91 76.1 60.9 91.3

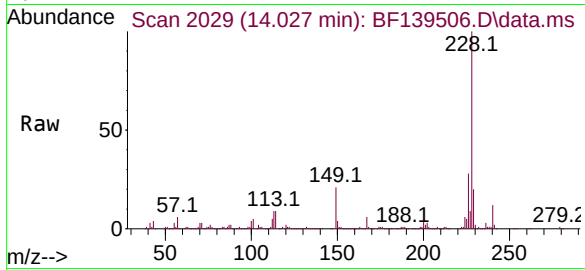
206 20.6 15.8 23.8





#81
Benzo(a)anthracene
Concen: 48.617 ng
RT: 14.027 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

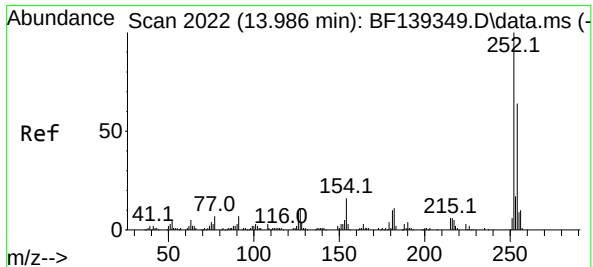
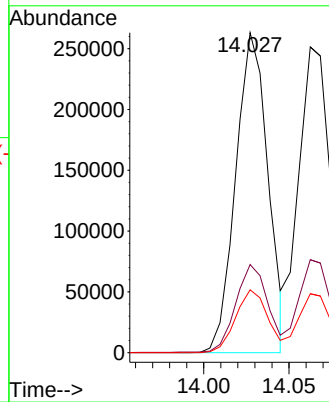
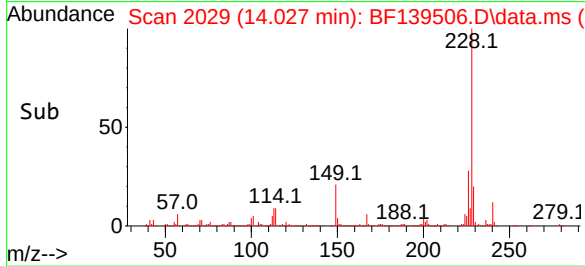
Instrument :
BNA_F
ClientSampleId :
WC-22AMS



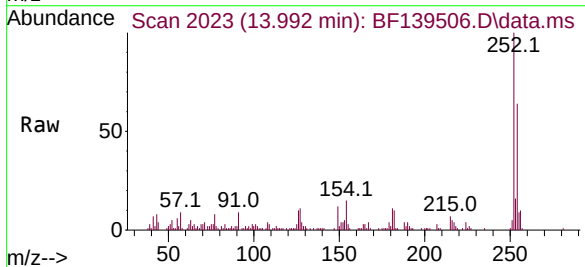
Tgt Ion:228 Resp: 34524
Ion Ratio Lower Upper
228 100
226 27.6 21.6 32.4
229 19.6 15.7 23.5

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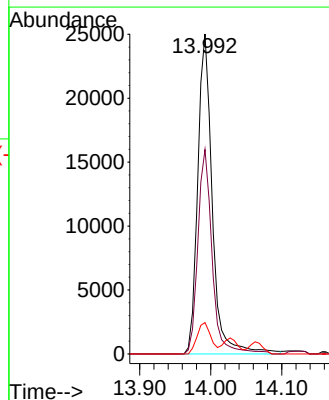
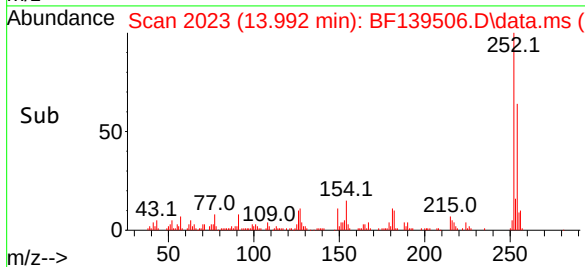
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

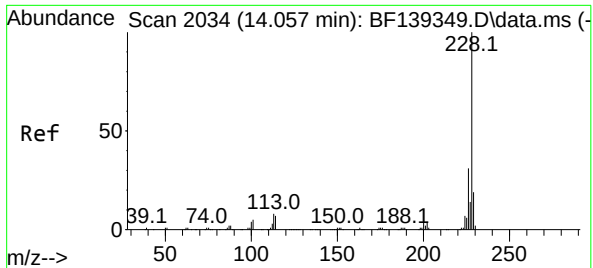


#82
3,3'-Dichlorobenzidine
Concen: 17.225 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23



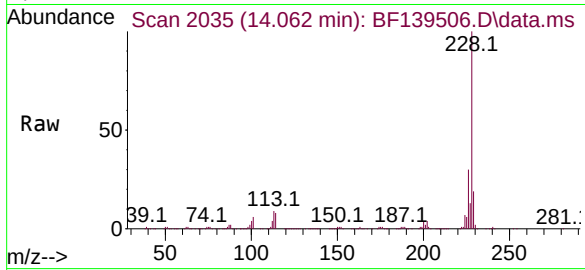
Tgt Ion:252 Resp: 35822
Ion Ratio Lower Upper
252 100
254 63.9 51.4 77.2
126 9.8 7.7 11.5





#83
Chrysene
Concen: 50.159 ng
RT: 14.062 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

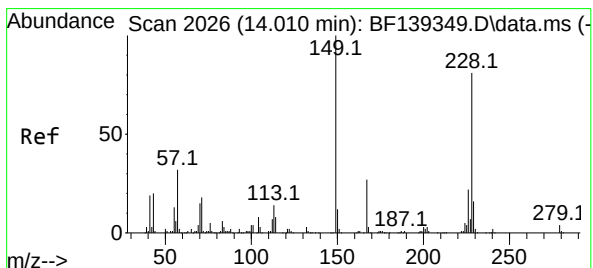
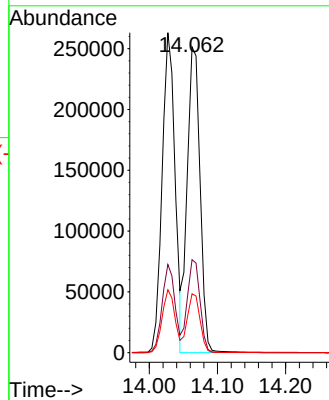
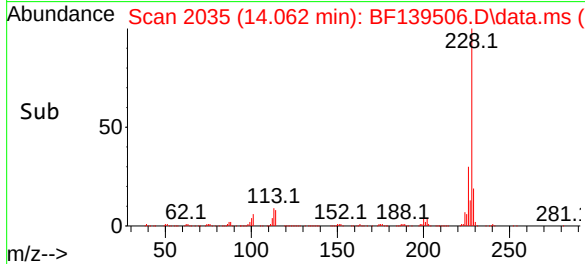
Instrument :
BNA_F
ClientSampleId :
WC-22AMS



Tgt Ion:228 Resp: 327709
Ion Ratio Lower Upper
228 100
226 30.4 24.1 36.1
229 19.2 15.4 23.0

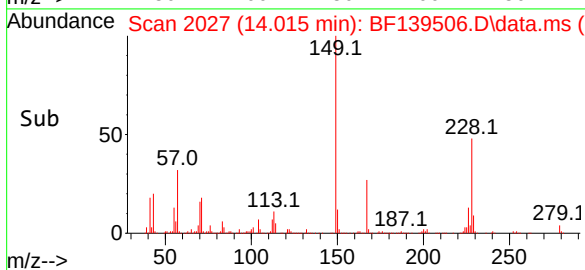
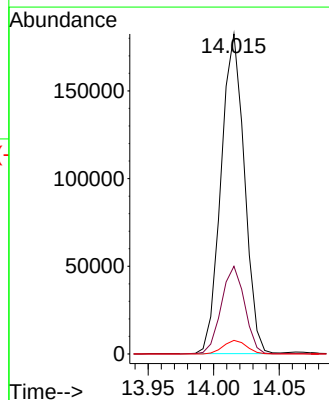
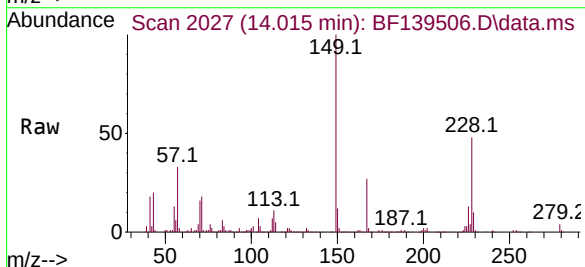
Manual Integrations
APPROVED

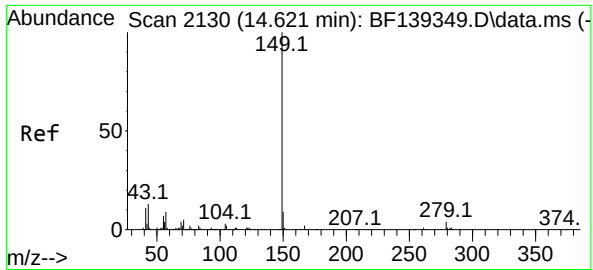
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 56.587 ng
RT: 14.015 min Scan# 2027
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

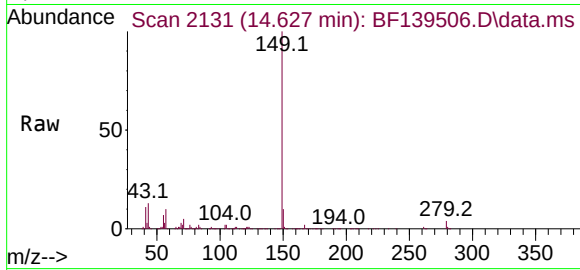
Tgt Ion:149 Resp: 225551
Ion Ratio Lower Upper
149 100
167 27.4 21.6 32.4
279 4.2 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 53.505 ng
RT: 14.627 min Scan# 2130
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

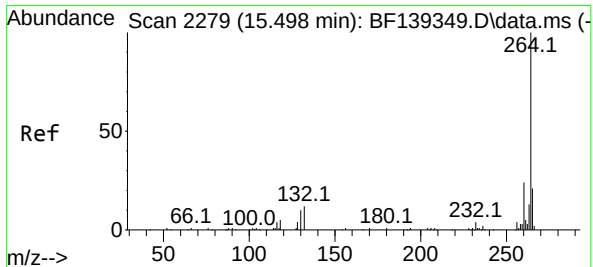
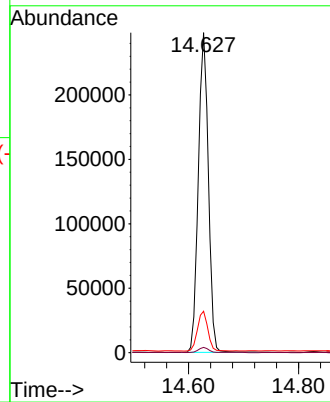
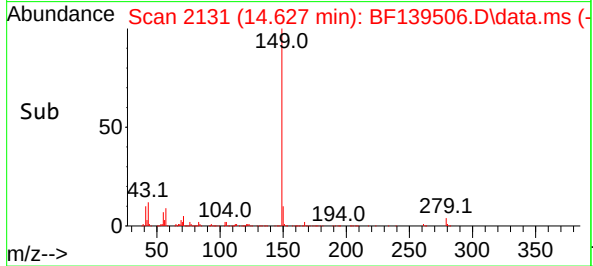
Instrument :
BNA_F
ClientSampleId :
WC-22AMS



Tgt Ion:149 Resp: 31408
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 12.7 10.6 16.0

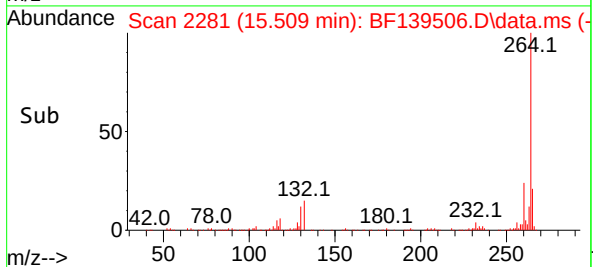
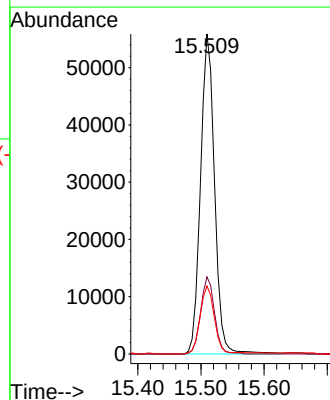
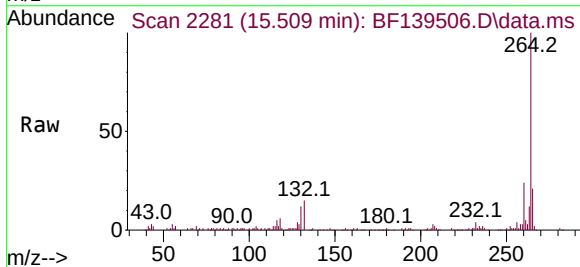
Manual Integrations
APPROVED

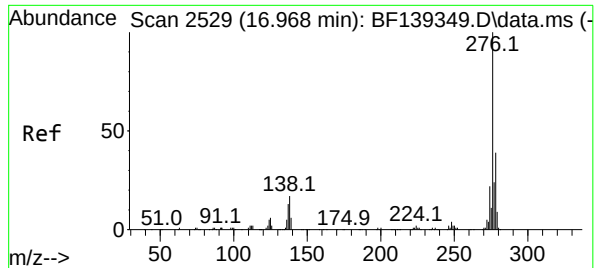
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2281
Delta R.T. 0.012 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Tgt Ion:264 Resp: 86523
Ion Ratio Lower Upper
264 100
260 24.1 19.5 29.3
265 21.2 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.380 ng

RT: 16.986 min Scan# 21

Delta R.T. 0.017 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

Tgt Ion:276 Resp: 23862

Ion Ratio Lower Upper

276 100

138 21.9 15.4 23.2

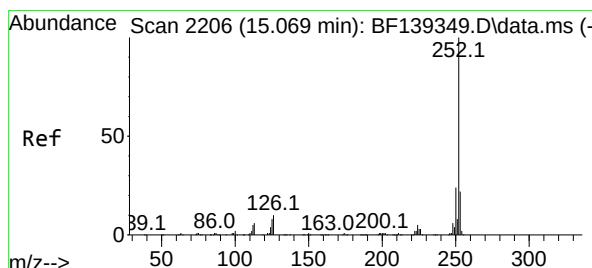
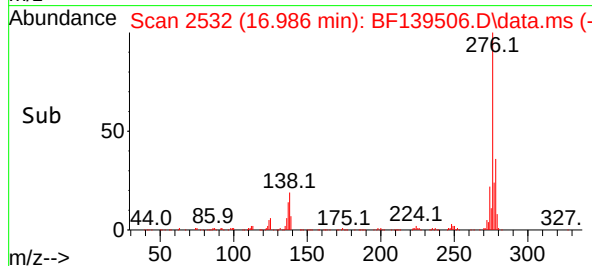
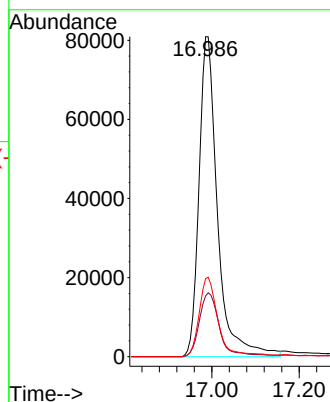
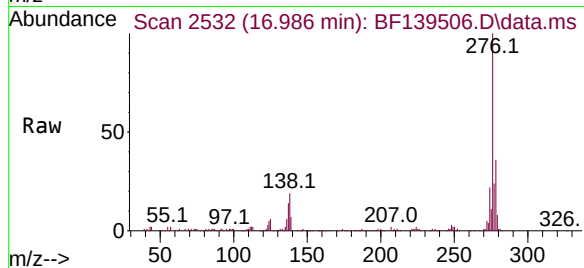
277 25.6 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#88

Benzo(b)fluoranthene

Concen: 47.340 ng

RT: 15.080 min Scan# 2208

Delta R.T. 0.012 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

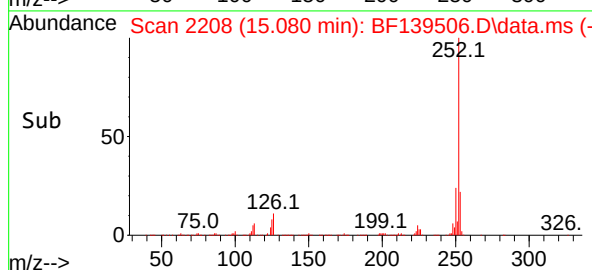
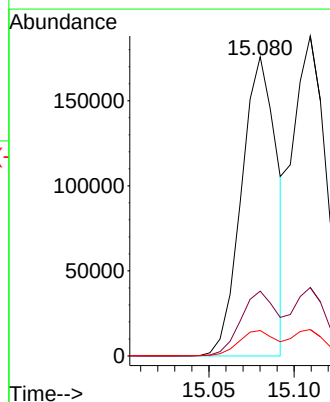
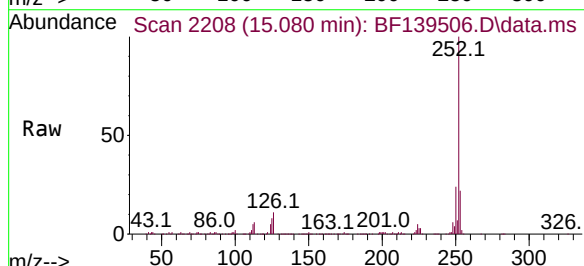
Tgt Ion:252 Resp: 252614

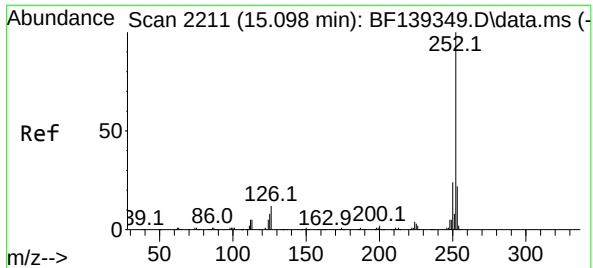
Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

125 8.5 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 52.707 ng

RT: 15.109 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

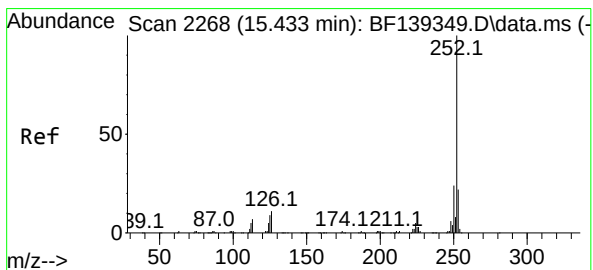
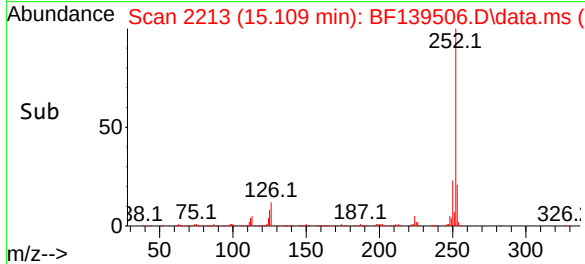
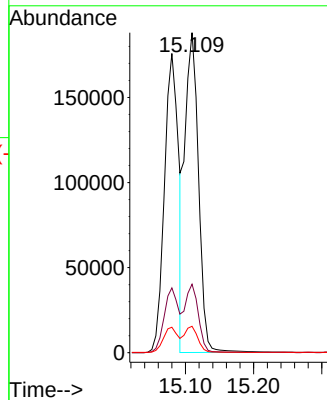
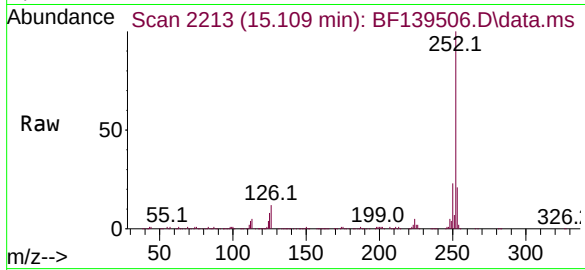
Tgt Ion:	252	Resp:	25932
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.3	25.9
125	8.2	5.9	8.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#90

Benzo(a)pyrene

Concen: 52.559 ng

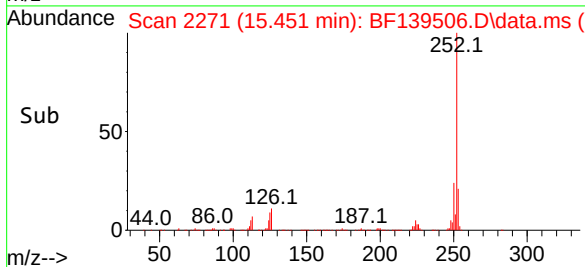
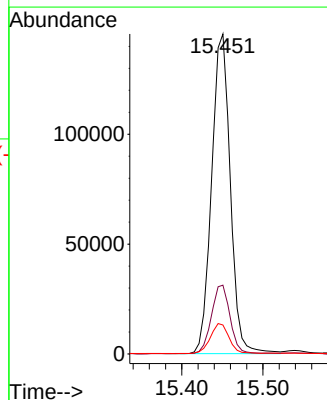
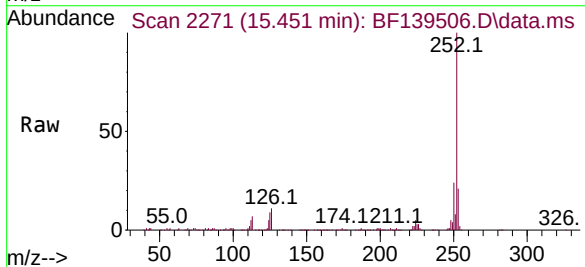
RT: 15.451 min Scan# 2271

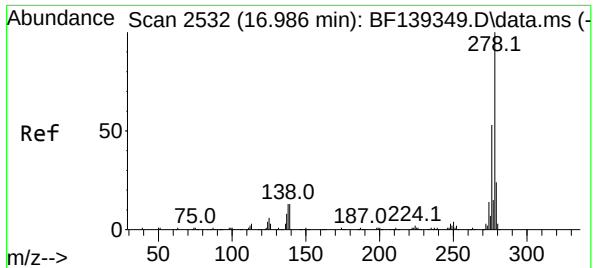
Delta R.T. 0.017 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Tgt Ion:	252	Resp:	232602
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.3	25.9
125	9.0	6.8	10.2





#91

Dibenzo(a,h)anthracene

Concen: 47.847 ng

RT: 17.003 min Scan# 21

Delta R.T. 0.017 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

Tgt Ion:278 Resp: 20341

Ion Ratio Lower Upper

278 100

139 14.3 10.2 15.2

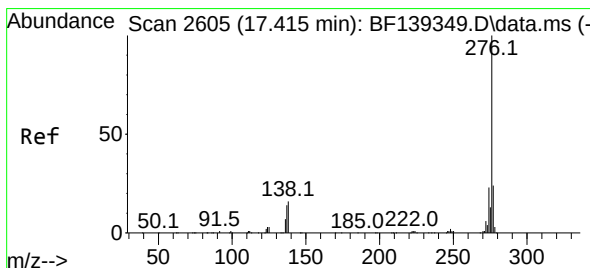
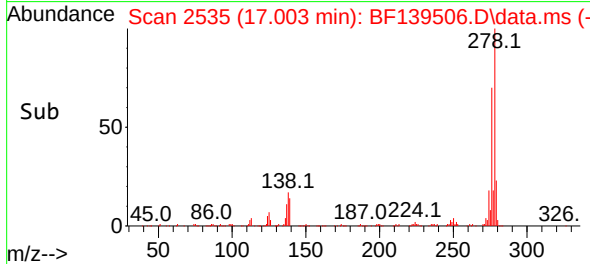
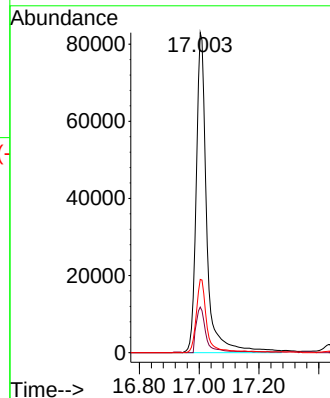
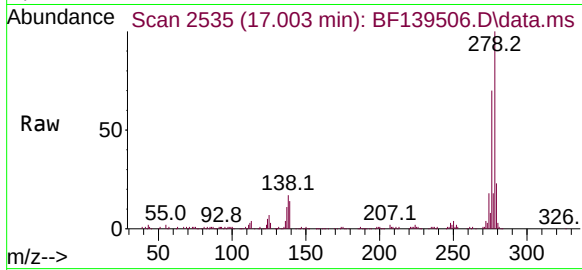
279 22.9 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#92

Benzo(g,h,i)perylene

Concen: 40.323 ng

RT: 17.433 min Scan# 2608

Delta R.T. 0.017 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

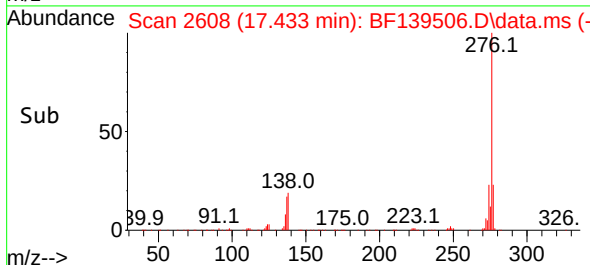
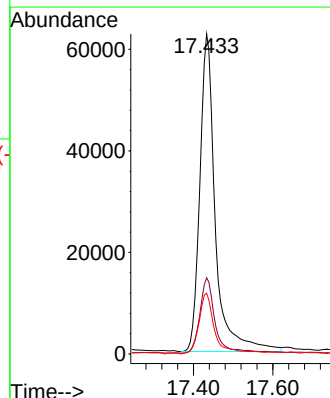
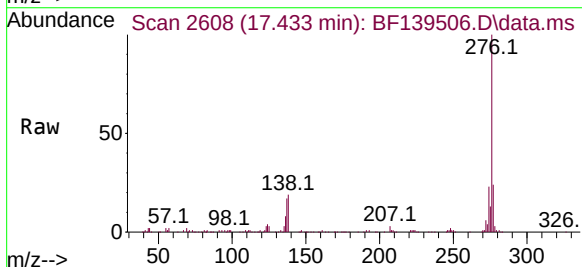
Tgt Ion:276 Resp: 169737

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 19.0 13.0 19.6



Report of Analysis

Client:	ENTACT	Date Collected:	09/17/24
Project:	North Point	Date Received:	09/18/24
Client Sample ID:	WC-22AMSD	SDG No.:	P4103
Lab Sample ID:	P4103-02MSD	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139507.D	1	09/20/24 11:30	09/20/24 17:52	PB163571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	360		15.5	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	300		8.40	50.0	ug/L
95-48-7	2-Methylphenol	420		11.3	50.0	ug/L
65794-96-9	3+4-Methylphenols	400		11.5	100	ug/L
67-72-1	Hexachloroethane	280		10.1	50.0	ug/L
98-95-3	Nitrobenzene	390		12.7	50.0	ug/L
87-68-3	Hexachlorobutadiene	340		12.7	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	480		8.90	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	470		10.1	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	440		15.2	50.0	ug/L
118-74-1	Hexachlorobenzene	460		11.4	50.0	ug/L
87-86-5	Pentachlorophenol	1000	E	18.5	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	117		15 (10) - 110 (139)	78%	SPK: 150
13127-88-3	Phenol-d6	114		15 (10) - 110 (134)	76%	SPK: 150
4165-60-0	Nitrobenzene-d5	88.1		30 (49) - 130 (133)	88%	SPK: 100
321-60-8	2-Fluorobiphenyl	92.7		30 (52) - 130 (132)	93%	SPK: 100
118-79-6	2,4,6-Tribromophenol	115		15 (44) - 110 (137)	76%	SPK: 150
1718-51-0	Terphenyl-d14	109		30 (48) - 130 (125)	109%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	71200	6.881			
1146-65-2	Naphthalene-d8	246000	8.163			
15067-26-2	Acenaphthene-d10	113000	9.916			
1517-22-2	Phenanthrene-d10	188000	11.398			
1719-03-5	Chrysene-d12	100000	14.039			
1520-96-3	Perylene-d12	81000	15.51			

Report of Analysis

Client:	ENTACT		Date Collected:	09/17/24	
Project:	North Point		Date Received:	09/18/24	
Client Sample ID:	WC-22AMSD		SDG No.:	P4103	
Lab Sample ID:	P4103-02MSD		Matrix:	TCLP	
Analytical Method:	SW8270		% Solid:	0	
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139507.D	1	09/20/24 11:30	09/20/24 17:52	PB163571

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\BF092024\
 Data File : BF139507.D
 Acq On : 20 Sep 2024 17:52
 Operator : RC/JU
 Sample : P4103-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-22AMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/21/2024
 Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 20 18:21:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	71206	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	245793	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	113109	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	188079	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	100035	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	80990	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	511334	117.148	ng	0.02
7) Phenol-d6	6.516	99	652050	113.812	ng	0.01
23) Nitrobenzene-d5	7.445	82	460641	88.104	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	138134	114.712	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	747985	92.748	ng	0.00
79) Terphenyl-d14	12.980	244	666491	109.359	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.769	88	56881	32.481	ng	# 76
3) Pyridine	3.493	79	137372	35.579	ng	98
4) n-Nitrosodimethylamine	3.428	42	116661	34.860	ng	87
6) Aniline	6.587	93	37985m	8.785	ng	
8) 2-Chlorophenol	6.669	128	181130	40.313	ng	98
9) Benzaldehyde	6.428	77	23794	7.188	ng	99
10) Phenol	6.528	94	220387	37.769	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	187804m	42.346	ng	
12) 1,3-Dichlorobenzene	6.822	146	154294	30.195	ng	97
13) 1,4-Dichlorobenzene	6.898	146	156689	30.344	ng	98
14) 1,2-Dichlorobenzene	7.045	146	155389	31.847	ng	98
15) Benzyl Alcohol	7.022	79	164918	36.080	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.151	45	301277	44.079	ng	84
17) 2-Methylphenol	7.140	107	150830	42.252	ng	98
18) Hexachloroethane	7.392	117	55780	28.361	ng	99
19) n-Nitroso-di-n-propyla...	7.293	70	141595	41.706	ng	97
20) 3+4-Methylphenols	7.293	107	197109	40.472	ng	95
22) Acetophenone	7.287	105	258167	40.177	ng	97
24) Nitrobenzene	7.463	77	212092	39.414	ng	98
25) Isophorone	7.698	82	376693	45.556	ng	99
26) 2-Nitrophenol	7.775	139	92852	44.290	ng	92
27) 2,4-Dimethylphenol	7.816	122	154476m	55.860	ng	
28) bis(2-Chloroethoxy)met...	7.904	93	217853	46.228	ng	98
29) 2,4-Dichlorophenol	8.028	162	153323	43.643	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	145133	35.456	ng	98
31) Naphthalene	8.181	128	499571	38.932	ng	100
32) Benzoic acid	7.928	122	99808	38.567	ng	89
33) 4-Chloroaniline	8.275	127	24900	6.343	ng	98
34) Hexachlorobutadiene	8.298	225	93901	33.765	ng	99
35) Caprolactam	8.598	113	43120m	39.901	ng	
36) 4-Chloro-3-methylphenol	8.722	107	163173	40.641	ng	96
37) 2-Methylnaphthalene	8.875	142	326715	40.113	ng	98
38) 1-Methylnaphthalene	8.975	142	302201	37.793	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	155428	46.366	ng	99
41) Hexachlorocyclopentadiene	9.022	237	86325	73.754	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	103684	47.541	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
 Data File : BF139507.D
 Acq On : 20 Sep 2024 17:52
 Operator : RC/JU
 Sample : P4103-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

WC-22AMSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 20 18:21:44 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Sep 14 02:58:23 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	107187	46.593	ng	97
46) 1,1'-Biphenyl	9.334	154	403144	46.329	ng	99
47) 2-Chloronaphthalene	9.363	162	286768	44.075	ng	99
48) 2-Nitroaniline	9.457	65	113368	46.846	ng	98
49) Acenaphthylene	9.775	152	468755	47.862	ng	99
50) Dimethylphthalate	9.634	163	368299	49.610	ng	100
51) 2,6-Dinitrotoluene	9.698	165	74721	45.434	ng	95
52) Acenaphthene	9.951	154	318245	46.558	ng	100
53) 3-Nitroaniline	9.869	138	37452	22.787	ng	94
54) 2,4-Dinitrophenol	9.975	184	55604	60.676	ng	# 87
55) Dibenzofuran	10.122	168	424399	44.545	ng	95
56) 4-Nitrophenol	10.034	139	106094	78.011	ng	# 83
57) 2,4-Dinitrotoluene	10.104	165	97973	44.125	ng	96
58) Fluorene	10.463	166	326915	42.055	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	88390	46.447	ng	94
60) Diethylphthalate	10.333	149	351534	45.886	ng	98
61) 4-Chlorophenyl-phenyle...	10.457	204	161397	42.722	ng	95
62) 4-Nitroaniline	10.481	138	63145	35.202	ng	90
63) Azobenzene	10.616	77	318658	42.290	ng	95
65) 4,6-Dinitro-2-methylph...	10.510	198	35441	35.703	ng	89
66) n-Nitrosodiphenylamine	10.575	169	267664	48.677	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	90738	48.684	ng	97
68) Hexachlorobenzene	11.010	284	101524	46.413	ng	98
69) Atrazine	11.098	200	59357	45.342	ng	99
70) Pentachlorophenol	11.204	266	131843	100.448	ng	97
71) Phenanthrene	11.428	178	449246	49.509	ng	100
72) Anthracene	11.475	178	451163	50.853	ng	99
73) Carbazole	11.633	167	418600	49.298	ng	99
74) Di-n-butylphthalate	11.957	149	476319	50.356	ng	99
75) Fluoranthene	12.616	202	487126	50.269	ng	99
77) Benzidine	12.745	184	43271	30.192	ng	99
78) Pyrene	12.839	202	490496	57.105	ng	100
80) Butylbenzylphthalate	13.457	149	178858	61.177	ng	98
81) Benzo(a)anthracene	14.027	228	332917	50.242	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	37010	19.072	ng	99
83) Chrysene	14.063	228	309698	50.802	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	210180	56.511	ng	99
85) Di-n-octyl phthalate	14.627	149	292207	53.348	ng	# 98
87) Indeno(1,2,3-cd)pyrene	16.986	276	221703	46.036	ng	97
88) Benzo(b)fluoranthene	15.080	252	242720	48.593	ng	99
89) Benzo(k)fluoranthene	15.110	252	234976	51.021	ng	99
90) Benzo(a)pyrene	15.445	252	220085	53.128	ng	99
91) Dibenzo(a,h)anthracene	17.004	278	186565	46.882	ng	98
92) Benzo(g,h,i)perylene	17.433	276	163763	41.562	ng	# 97

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

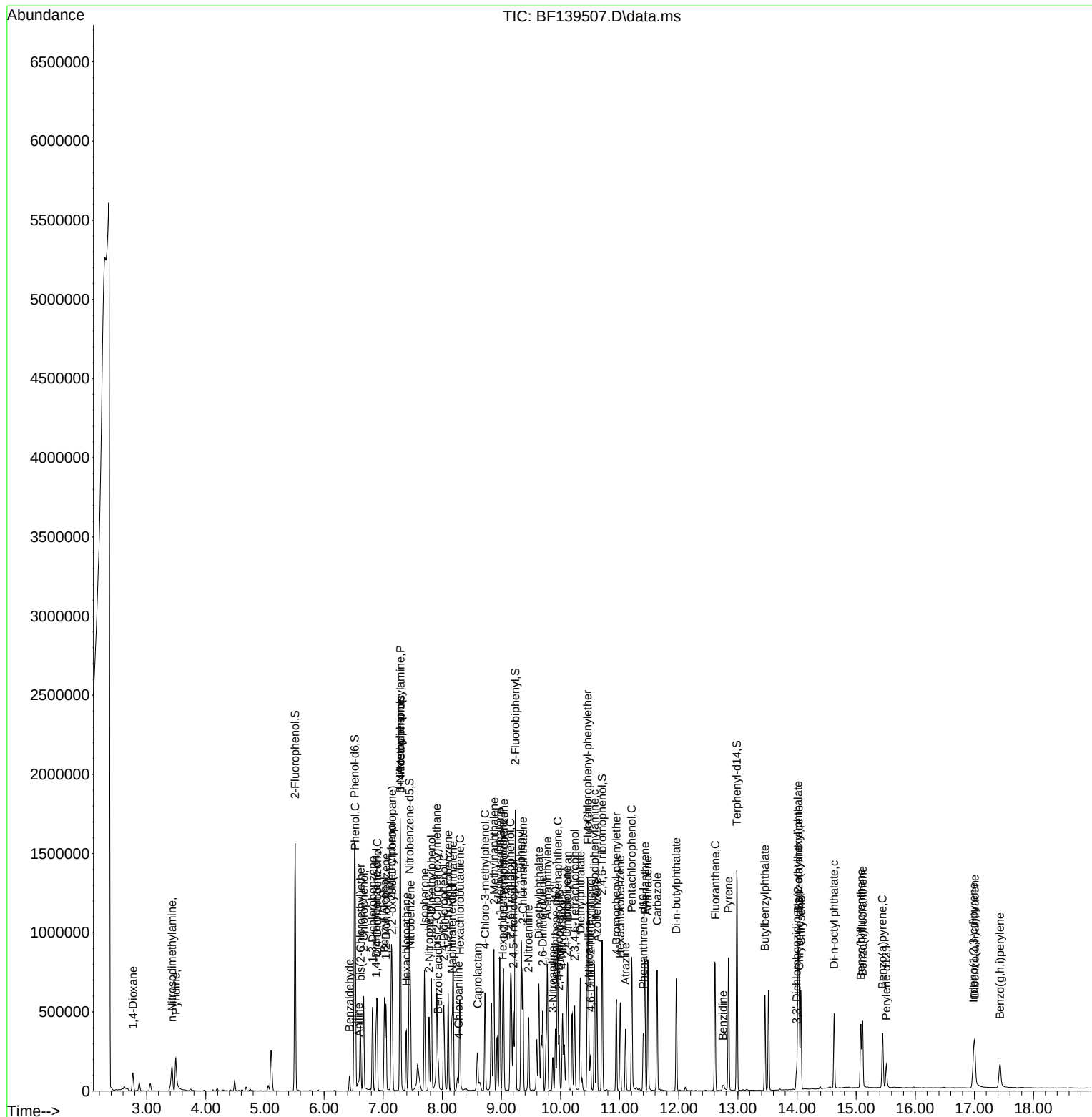
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Data File : BF139507.D  
Acq On    : 20 Sep 2024   17:52  
Operator   : RC/JU  
Sample     : P4103-02MSD  
Misc      :  
ALS Vial   : 16   Sample Multiplier: 1
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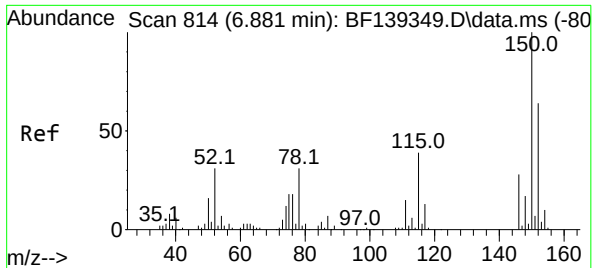
Instrument :
BNA_F
ClientSampleId :
WC-22AMSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

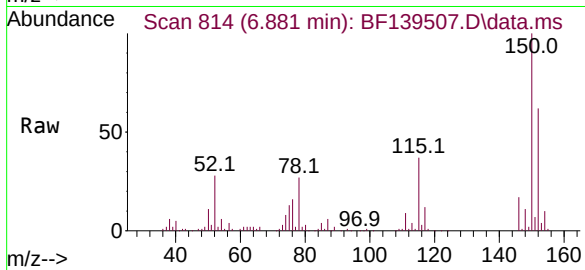
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

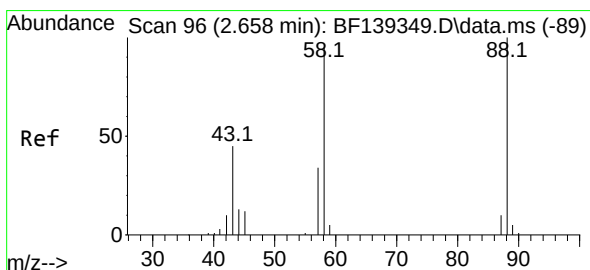
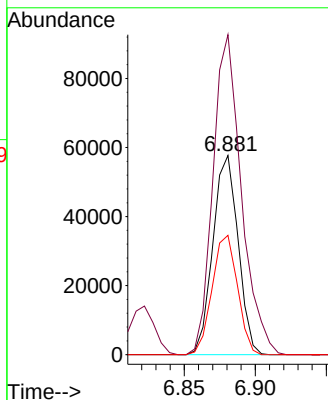
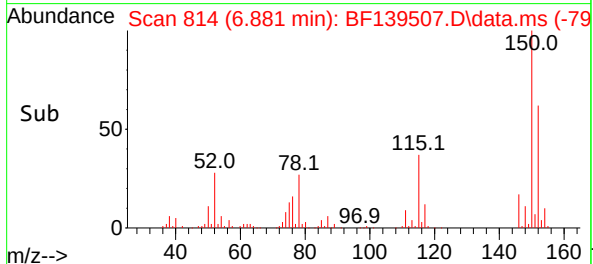
Instrument :
BNA_F
ClientSampleId :
WC-22AMSD



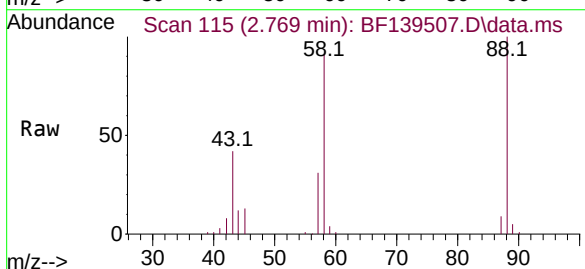
Tgt Ion:152 Resp: 71200
Ion Ratio Lower Upper
152 100
150 160.6 124.1 186.1
115 59.9 48.1 72.1

Manual Integrations
APPROVED

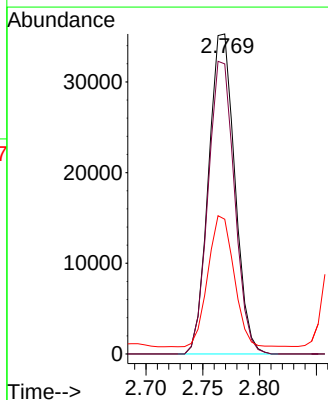
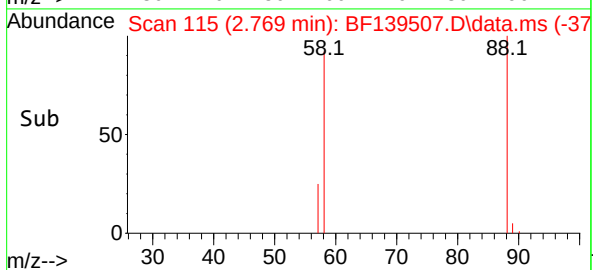
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

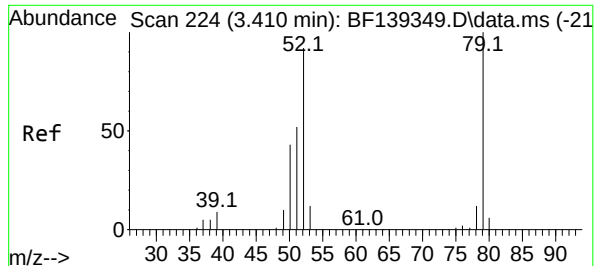


#2
1,4-Dioxane
Concen: 32.481 ng
RT: 2.769 min Scan# 115
Delta R.T. 0.112 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52



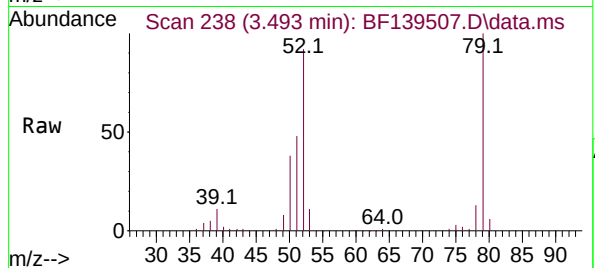
Tgt Ion: 88 Resp: 56881
Ion Ratio Lower Upper
88 100
58 91.5 74.8 112.2
43 0.0 36.4 54.6#





#3
Pyridine
Concen: 35.579 ng
RT: 3.493 min Scan# 21
Delta R.T. 0.082 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

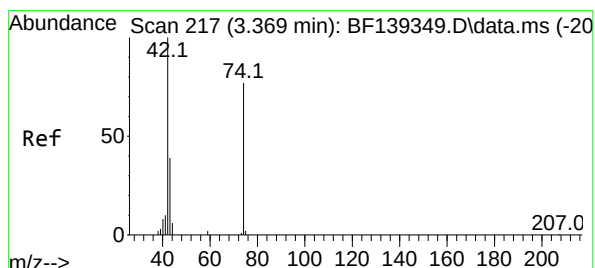
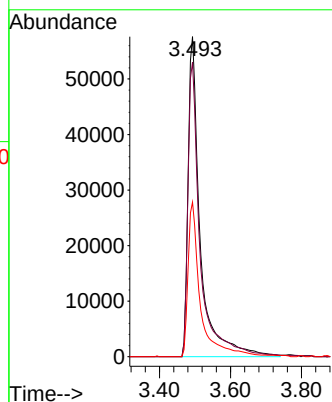
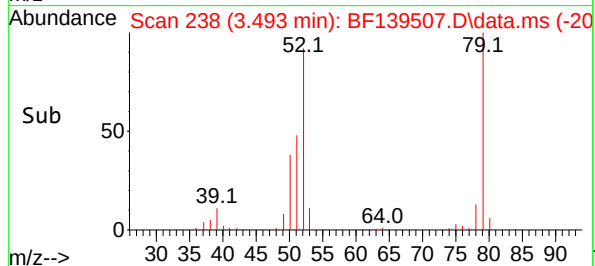
Instrument :
BNA_F
ClientSampleId :
WC-22AMSD



Tgt Ion: 79 Resp: 137372
Ion Ratio Lower Upper
79 100
52 92.0 73.8 110.8
51 48.3 41.8 62.6

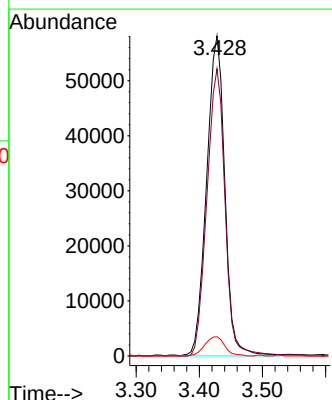
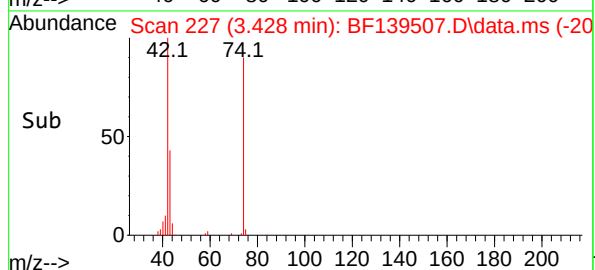
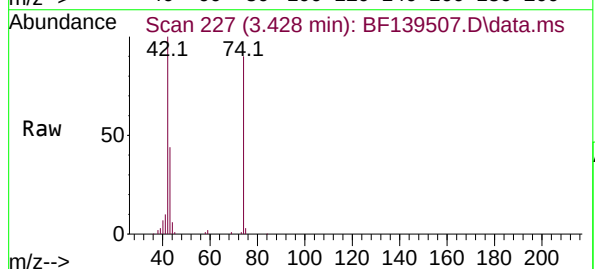
Manual Integrations
APPROVED

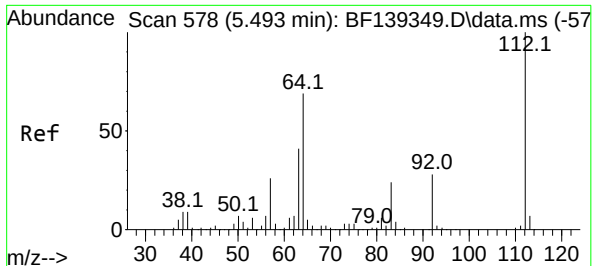
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#4
n-Nitrosodimethylamine
Concen: 34.860 ng
RT: 3.428 min Scan# 227
Delta R.T. 0.059 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

Tgt Ion: 42 Resp: 116661
Ion Ratio Lower Upper
42 100
74 89.7 61.8 92.8
44 6.0 4.8 7.2





#5
2-Fluorophenol
Concen: 117.148 ng
RT: 5.510 min Scan# 511
Delta R.T. 0.017 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

Instrument :

BNA_F

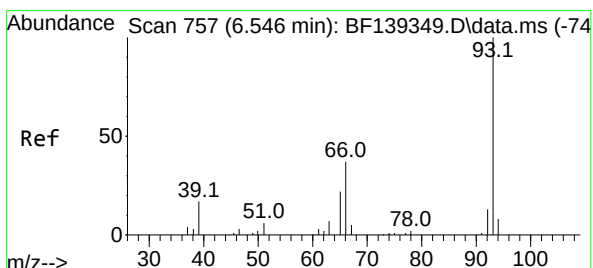
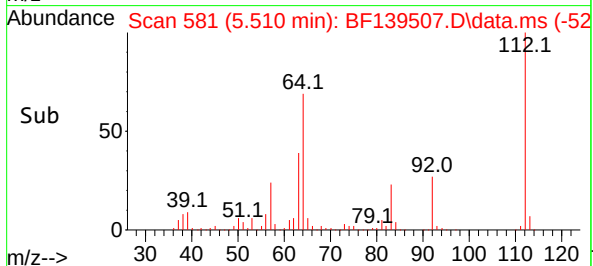
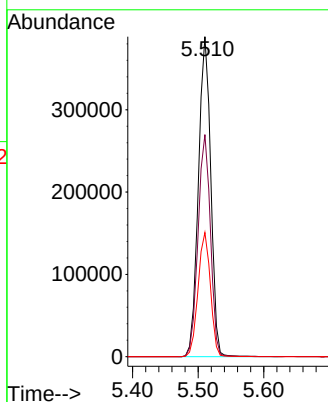
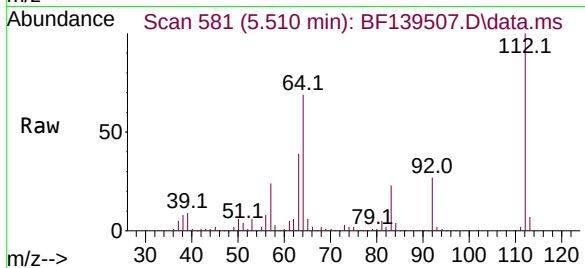
ClientSampleId :

WC-22AMSD

Tgt Ion:112 Resp: 511334
Ion Ratio Lower Upper
112 100
64 69.4 54.8 82.2
63 38.8 33.0 49.4

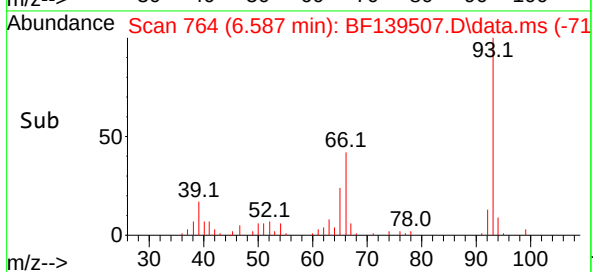
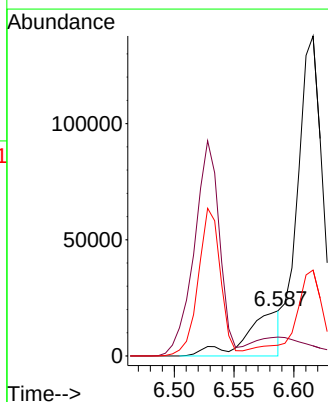
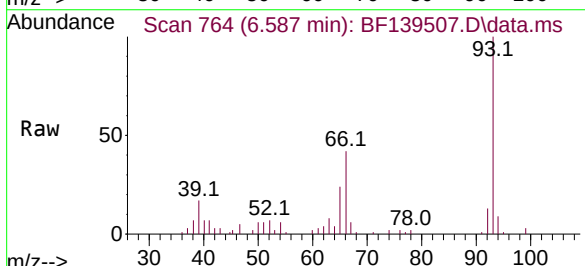
Manual Integrations
APPROVED

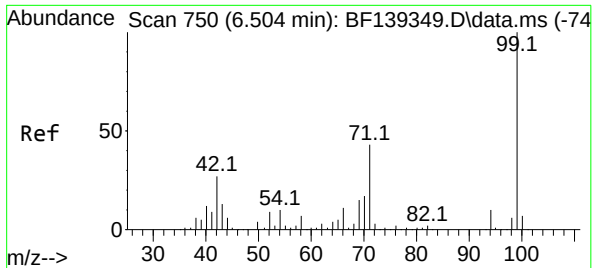
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#6
Aniline
Concen: 8.785 ng m
RT: 6.587 min Scan# 764
Delta R.T. 0.018 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

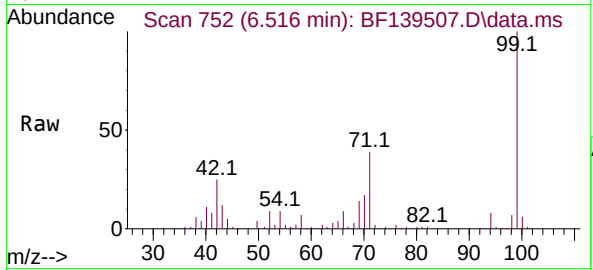
Tgt Ion: 93 Resp: 37985
Ion Ratio Lower Upper
93 100
66 41.9 35.4 53.0
65 23.7 18.2 27.4





#7
Phenol-d6
Concen: 113.812 ng
RT: 6.516 min Scan# 711
Delta R.T. 0.012 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

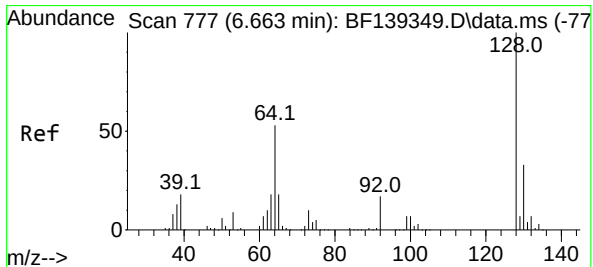
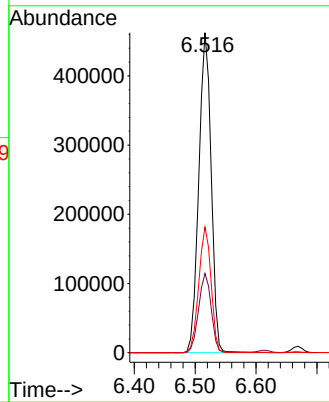
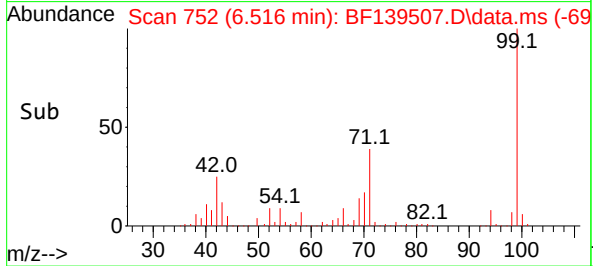
Instrument :
BNA_F
ClientSampleId :
WC-22AMSD



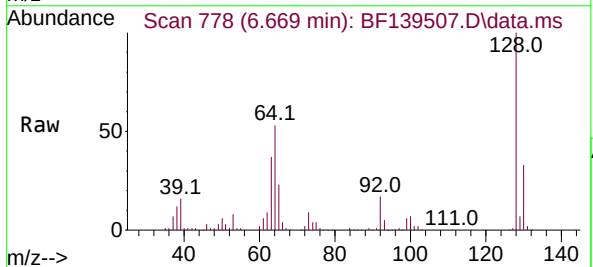
Tgt Ion: 99 Resp: 652050
Ion Ratio Lower Upper
99 100
42 24.8 21.9 32.9
71 39.3 34.6 52.0

Manual Integrations
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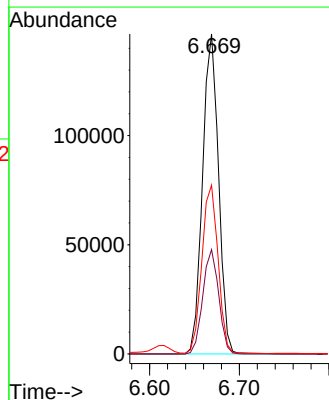
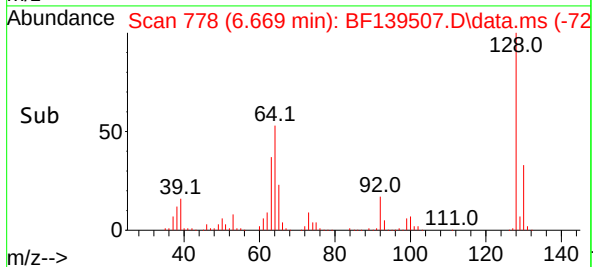
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

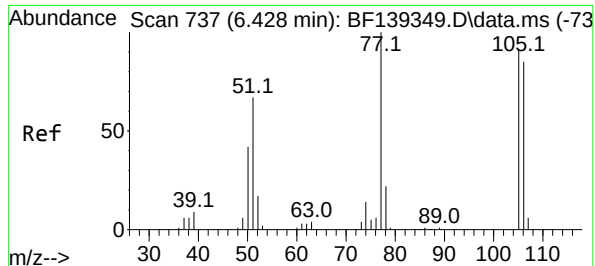


#8
2-Chlorophenol
Concen: 40.313 ng
RT: 6.669 min Scan# 778
Delta R.T. 0.006 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52



Tgt Ion:128 Resp: 181130
Ion Ratio Lower Upper
128 100
130 32.6 12.8 52.8
64 52.8 35.1 75.1





#9

Benzaldehyde

Concen: 7.188 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-22AMSD

Tgt Ion: 77 Resp: 23794

Ion Ratio Lower Upper

77 100

105 90.5 71.0 111.0

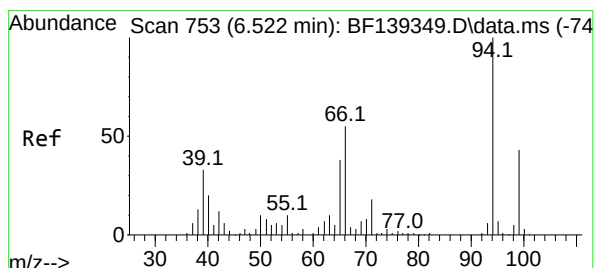
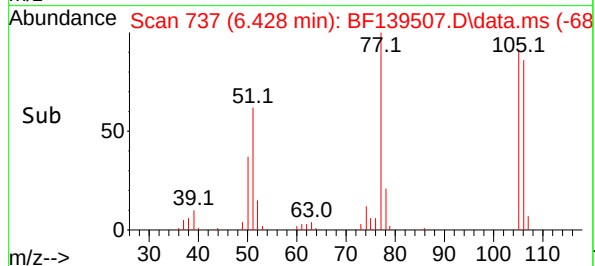
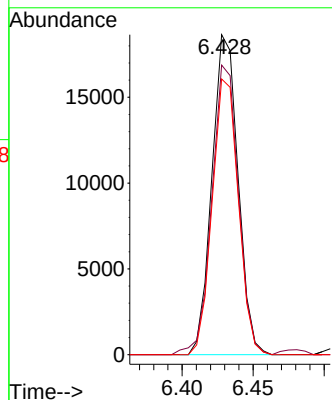
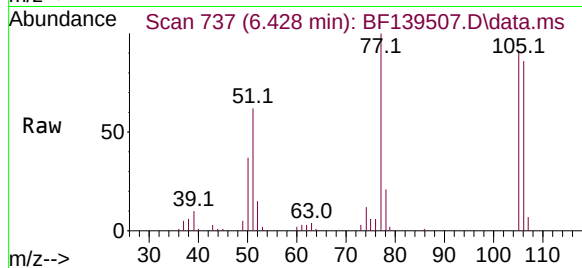
106 86.1 64.9 104.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#10

Phenol

Concen: 37.769 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.006 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

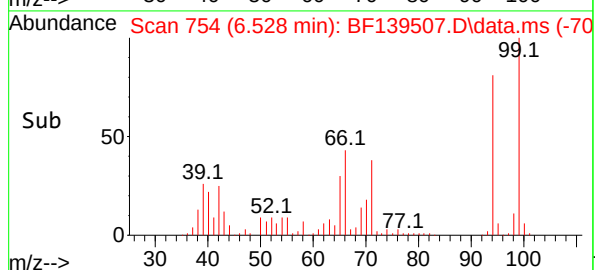
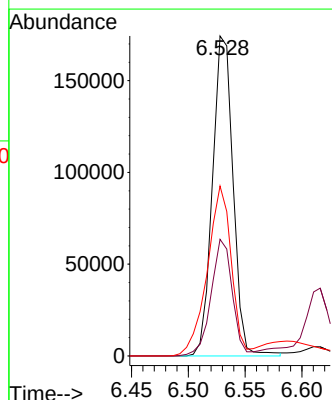
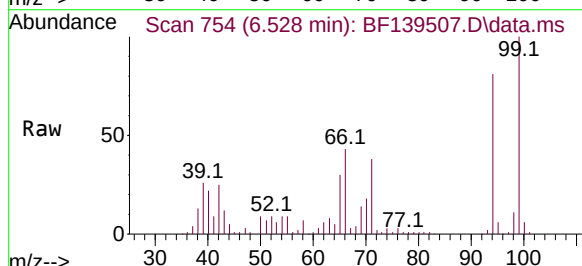
Tgt Ion: 94 Resp: 220387

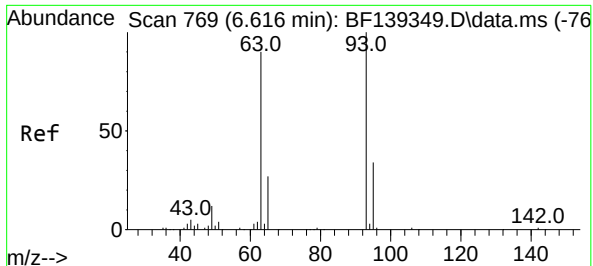
Ion Ratio Lower Upper

94 100

65 36.5 17.6 57.6

66 53.1 35.2 75.2





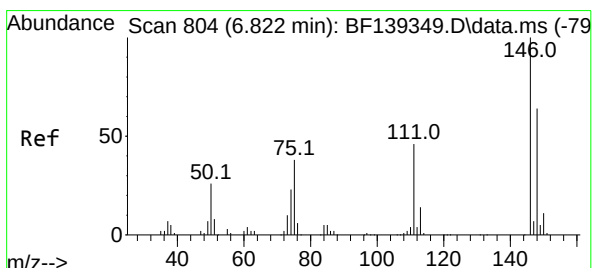
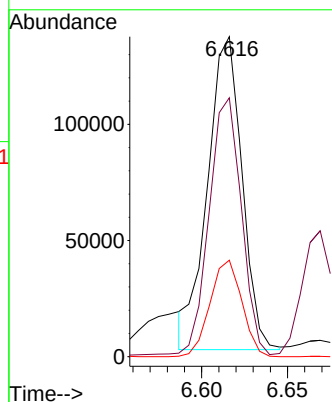
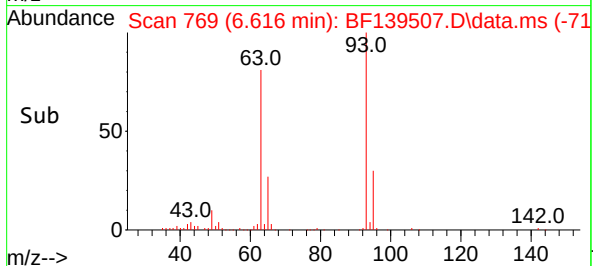
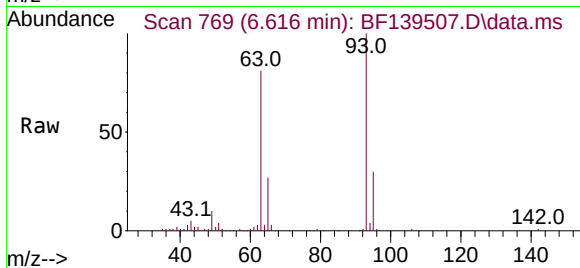
#11
bis(2-Chloroethyl)ether
Concen: 42.346 ng m
RT: 6.616 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

Instrument :
BNA_F
ClientSampleId :
WC-22AMSD

Tgt Ion: 93 Resp: 187804
Ion Ratio Lower Upper
93 100
63 80.9 65.3 105.3
95 30.1 12.4 52.4

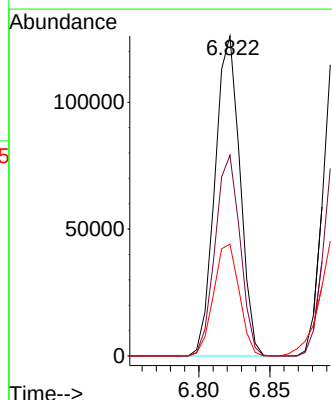
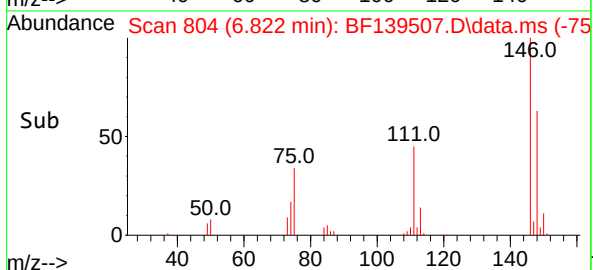
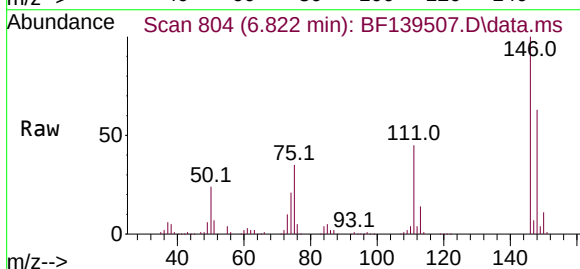
Manual Integrations
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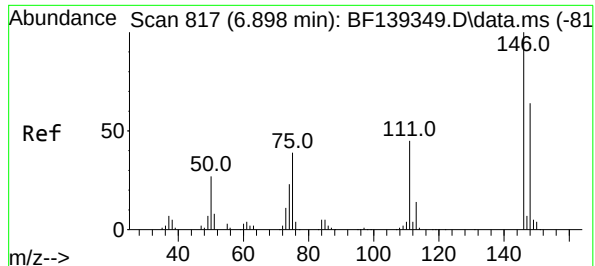
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#12
1,3-Dichlorobenzene
Concen: 30.195 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

Tgt Ion:146 Resp: 154294
Ion Ratio Lower Upper
146 100
148 62.7 51.2 76.8
75 35.0 30.6 46.0





#13

1,4-Dichlorobenzene

Concen: 30.344 ng

RT: 6.898 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-22AMSD

Tgt Ion:146 Resp: 156689

Ion Ratio Lower Upper

146 100

148 65.4 50.9 76.3

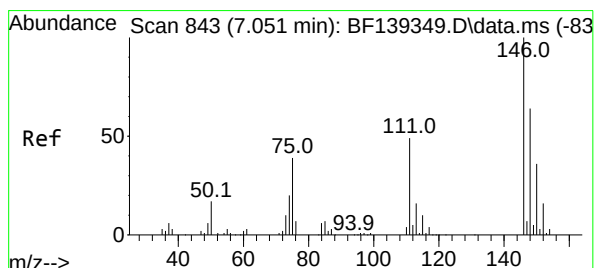
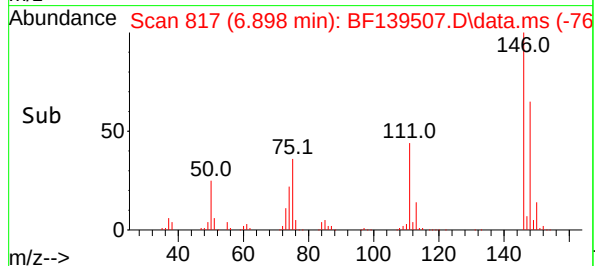
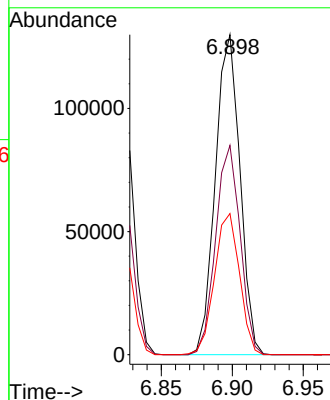
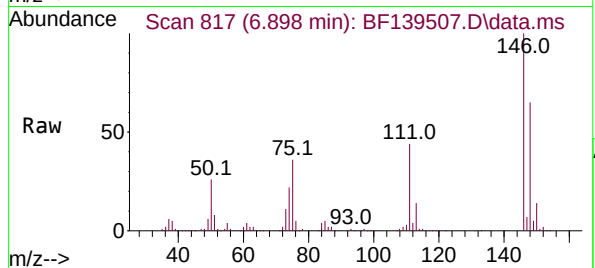
111 44.1 36.3 54.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#14

1,2-Dichlorobenzene

Concen: 31.847 ng

RT: 7.045 min Scan# 842

Delta R.T. -0.006 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

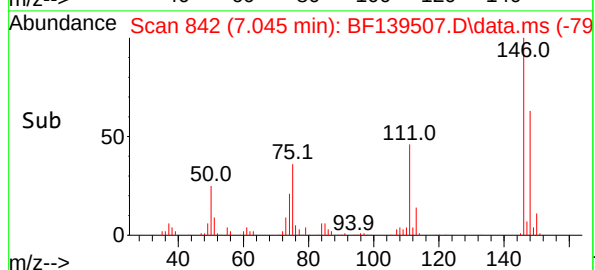
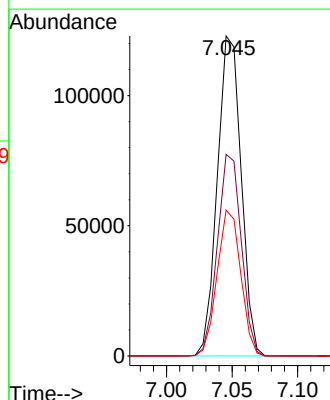
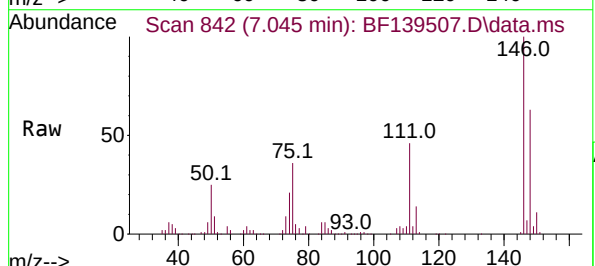
Tgt Ion:146 Resp: 155389

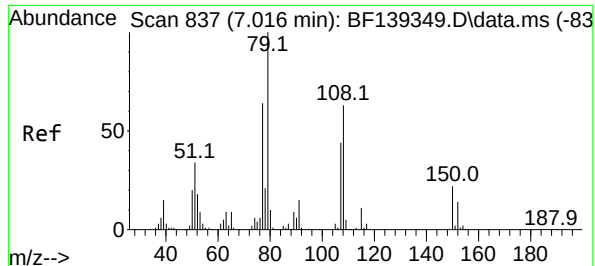
Ion Ratio Lower Upper

146 100

148 63.0 50.9 76.3

111 45.6 38.9 58.3





#15

Benzyl Alcohol

Concen: 36.080 ng

RT: 7.022 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-22AMSD

Tgt Ion: 79 Resp: 164918

Ion Ratio Lower Upper

79 100

108 69.3 50.4 75.6

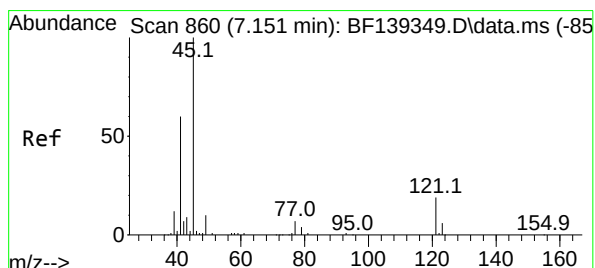
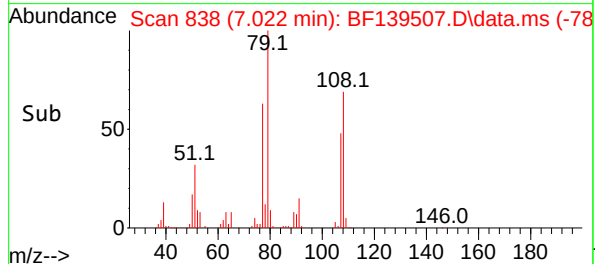
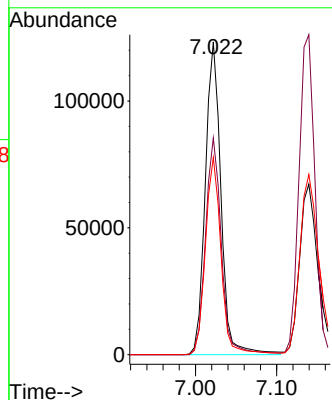
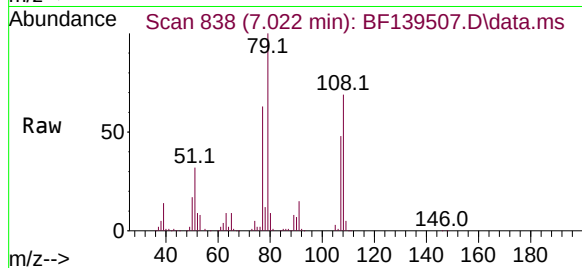
77 63.0 51.4 77.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.079 ng

RT: 7.151 min Scan# 860

Delta R.T. -0.000 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

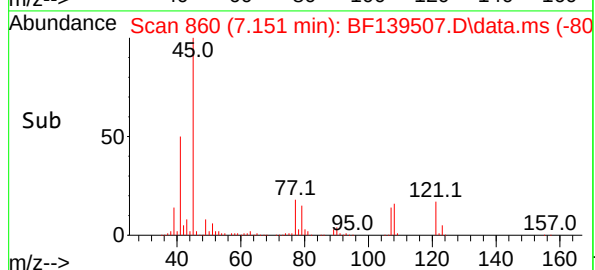
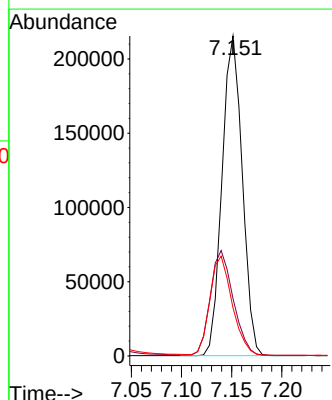
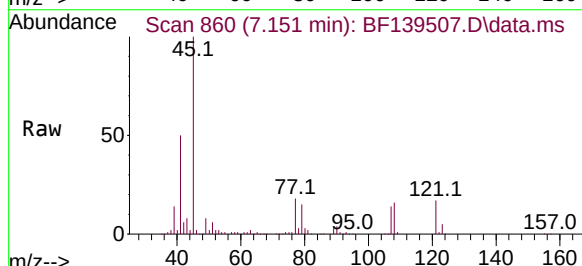
Tgt Ion: 45 Resp: 301277

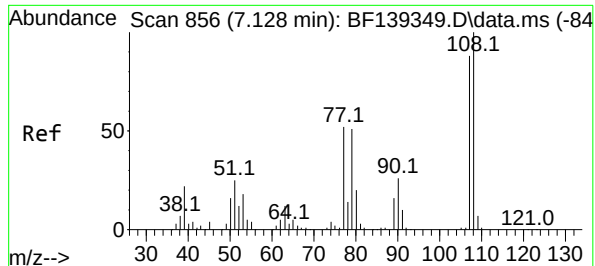
Ion Ratio Lower Upper

45 100

77 17.9 0.0 32.0

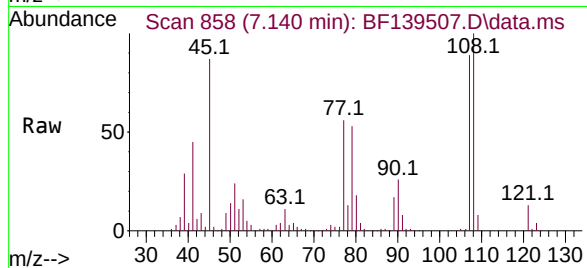
79 15.0 0.0 29.1





#17
2-Methylphenol
Concen: 42.252 ng
RT: 7.140 min Scan# 856
Delta R.T. 0.012 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

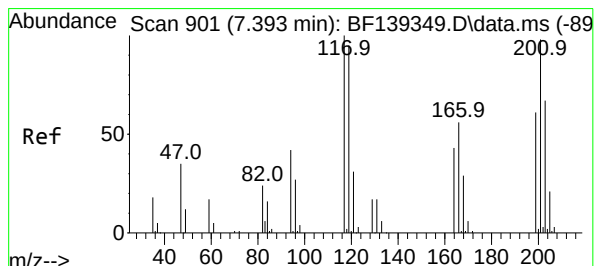
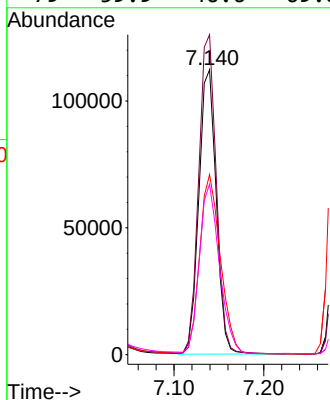
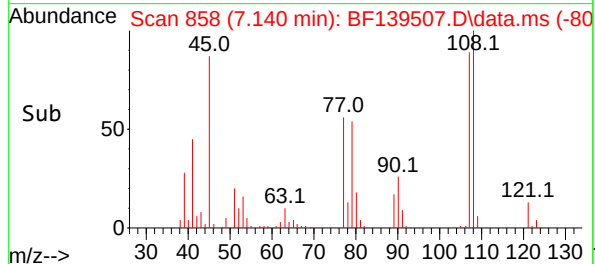
Instrument :
BNA_F
ClientSampleId :
WC-22AMSD



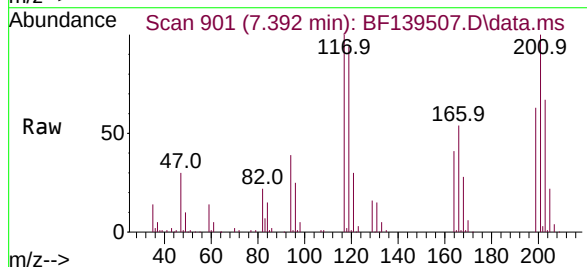
Tgt Ion:107 Resp: 150830
Ion Ratio Lower Upper
107 100
108 112.3 90.5 135.7
77 63.2 47.1 70.7
79 59.9 46.6 69.8

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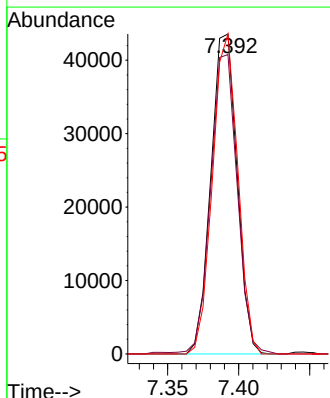
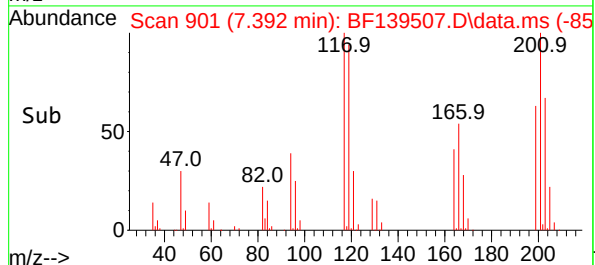
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

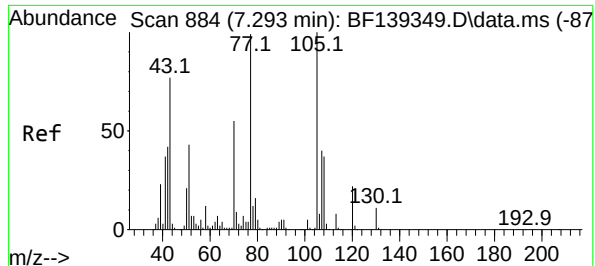


#18
Hexachloroethane
Concen: 28.361 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52



Tgt Ion:117 Resp: 55780
Ion Ratio Lower Upper
117 100
119 93.6 75.8 113.8
201 100.0 78.6 118.0





#19

n-Nitroso-di-n-propylamine

Concen: 41.706 ng

RT: 7.293 min Scan# 884

Delta R.T. -0.000 min

Lab File: BF139507.D

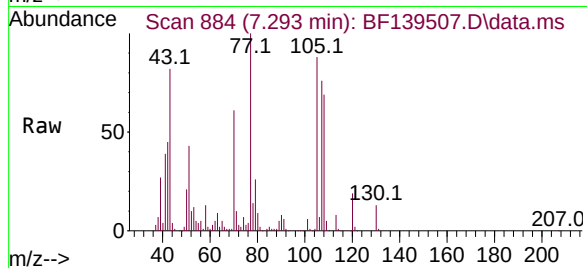
Acq: 20 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-22AMSD



Tgt Ion: 70 Resp: 14159

Ion Ratio Lower Upper

70 100

42 73.7 61.2 91.8

101 9.8 7.5 11.3

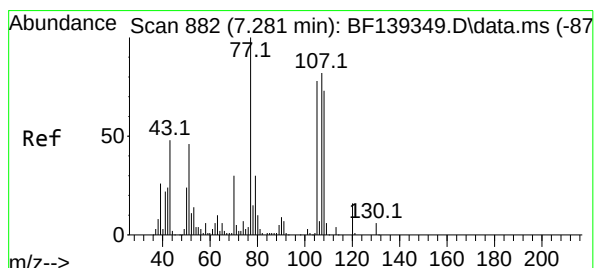
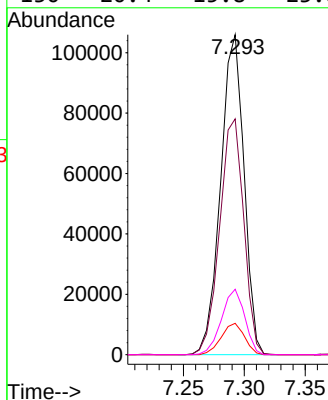
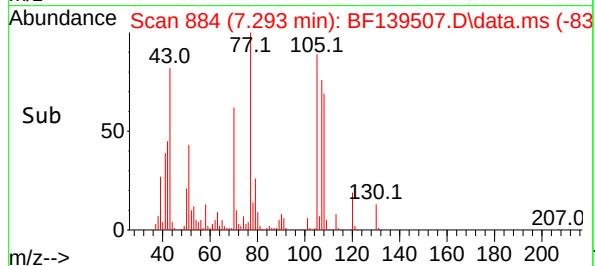
130 20.4 15.8 23.8

Manual Integrations

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Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#20

3+4-Methylphenols

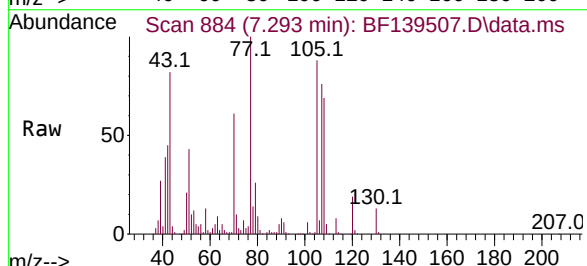
Concen: 40.472 ng

RT: 7.293 min Scan# 884

Delta R.T. 0.012 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52



Tgt Ion:107 Resp: 197109

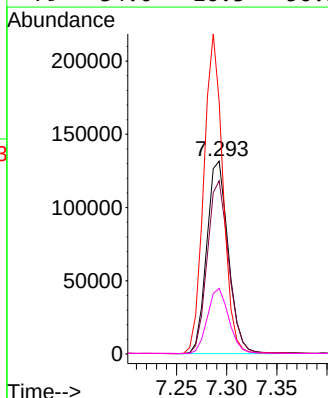
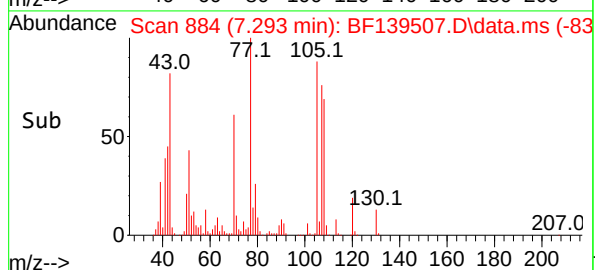
Ion Ratio Lower Upper

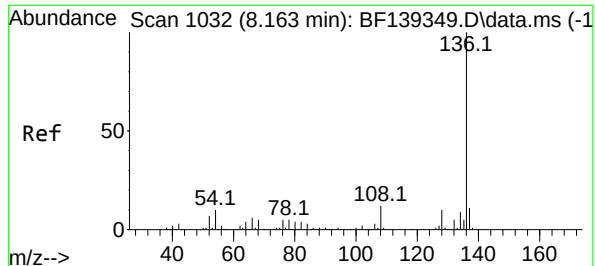
107 100

108 89.8 68.6 108.6

77 131.0 101.6 141.6

79 34.0 16.3 56.3





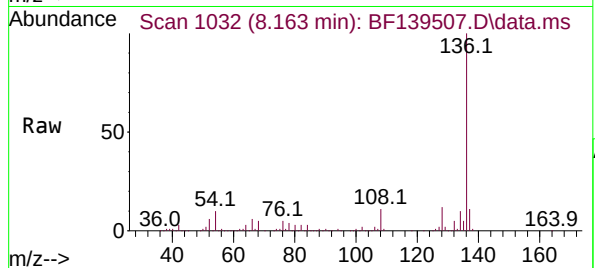
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-22AMSD

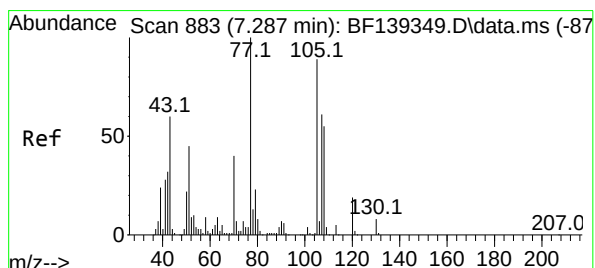
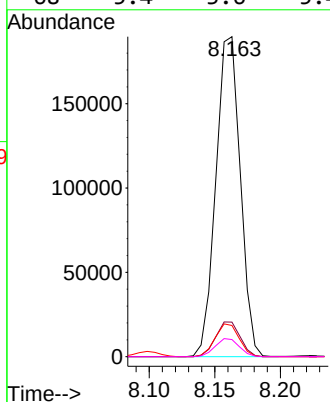
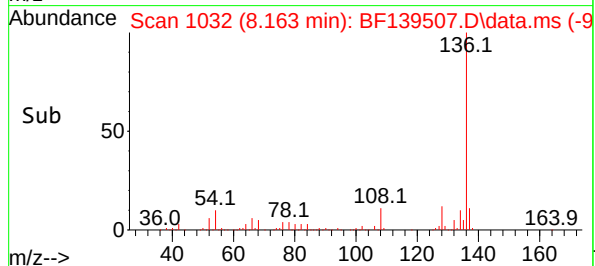


Tgt Ion:136 Resp: 245793
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 9.7 7.8 11.8
68 5.4 3.6 5.4

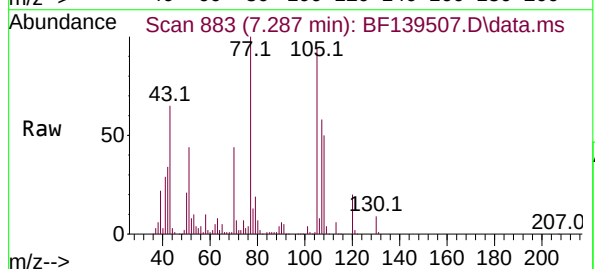
Manual Integrations

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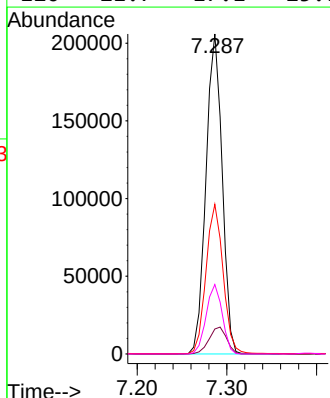
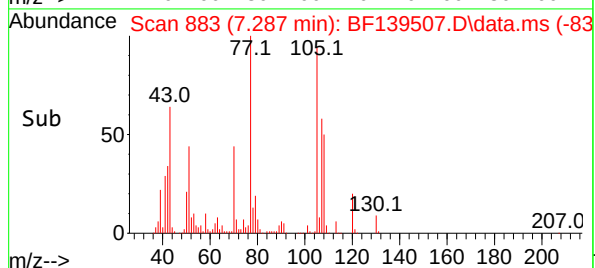
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

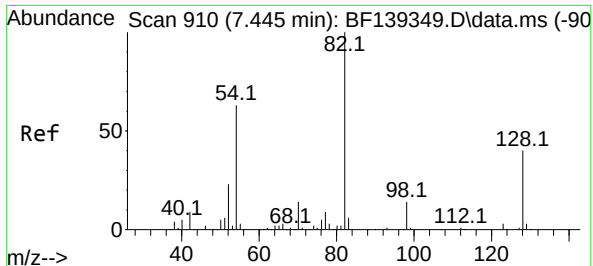


#22
Acetophenone
Concen: 40.177 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52



Tgt Ion:105 Resp: 258167
Ion Ratio Lower Upper
105 100
71 7.8 5.9 8.9
51 46.7 40.0 60.0
120 21.7 17.1 25.7





#23

Nitrobenzene-d5

Concen: 88.104 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-22AMSD

Tgt Ion: 82 Resp: 46064

Ion Ratio Lower Upper

82 100

128 41.9 31.8 47.6

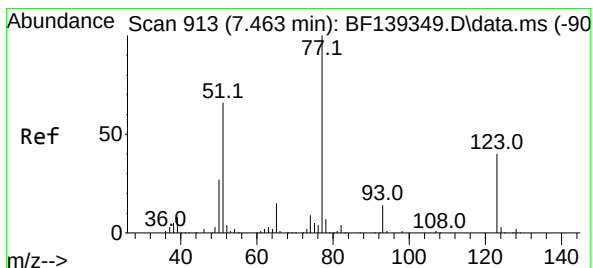
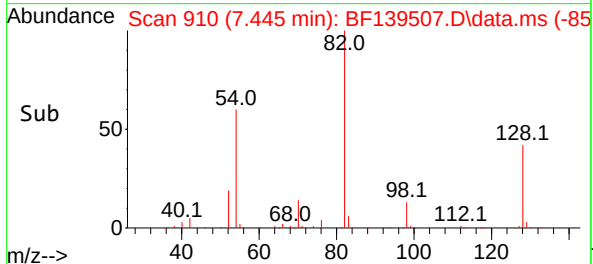
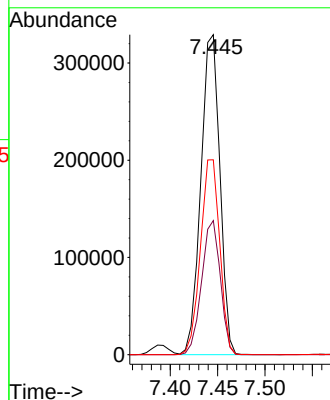
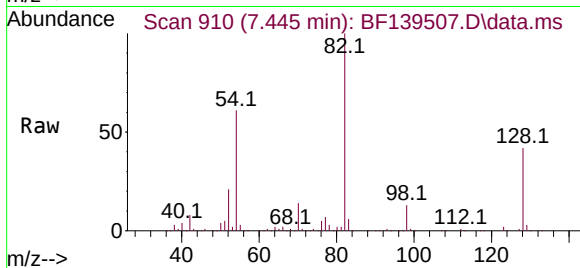
54 60.9 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#24

Nitrobenzene

Concen: 39.414 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

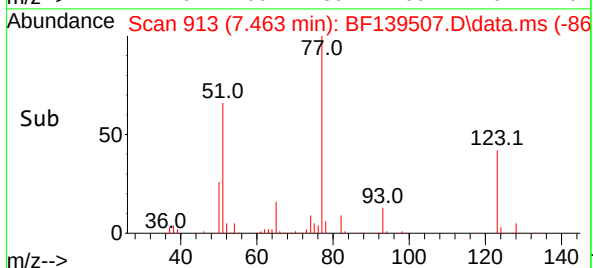
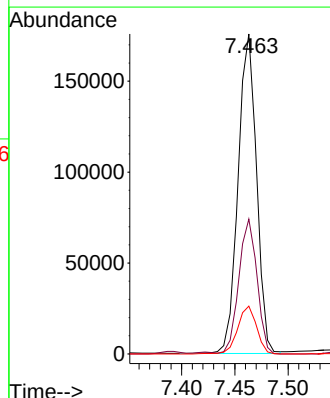
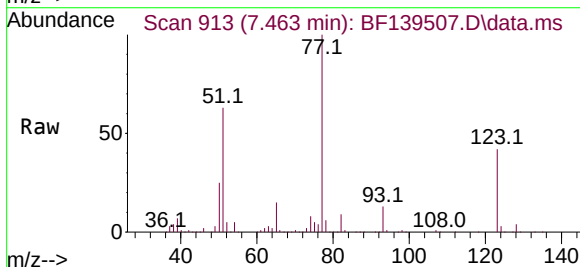
Tgt Ion: 77 Resp: 212092

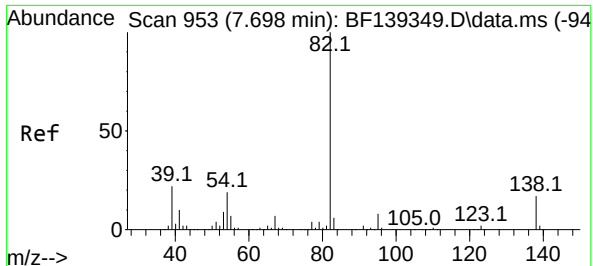
Ion Ratio Lower Upper

77 100

123 42.2 32.2 48.4

65 14.9 12.2 18.4





#25

Isophorone

Concen: 45.556 ng

RT: 7.698 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-22AMSD

Tgt Ion: 82 Resp: 37669

Ion Ratio Lower Upper

82 100

95 7.9 6.7 10.1

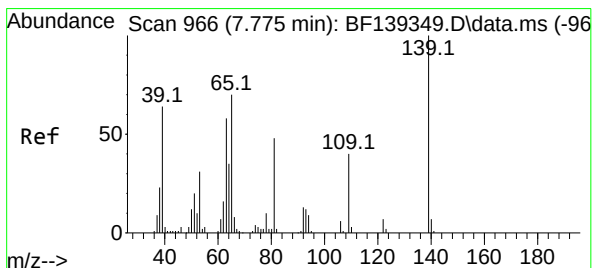
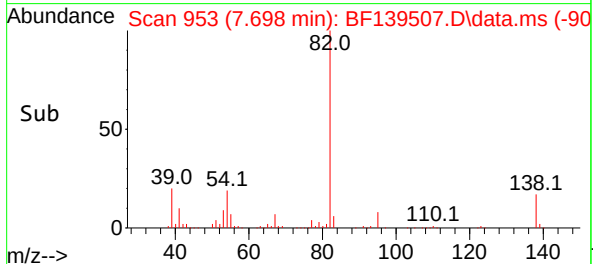
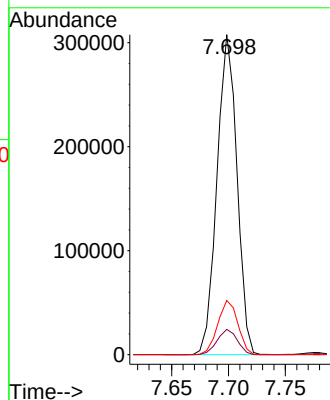
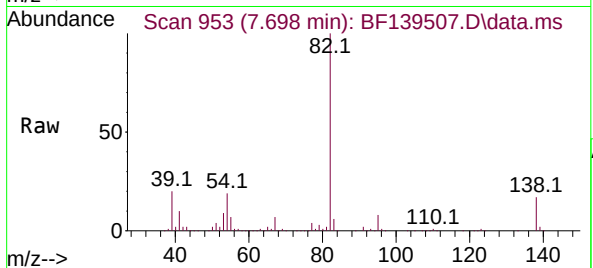
138 17.0 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#26

2-Nitrophenol

Concen: 44.290 ng

RT: 7.775 min Scan# 966

Delta R.T. -0.000 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

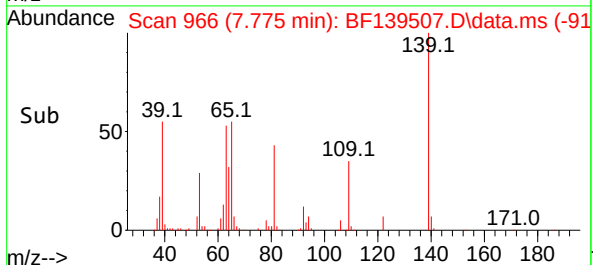
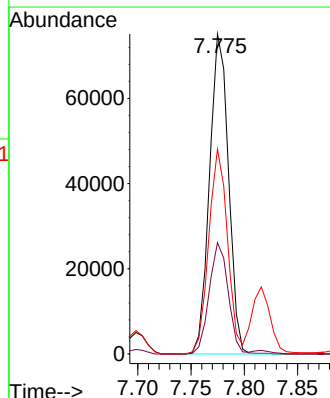
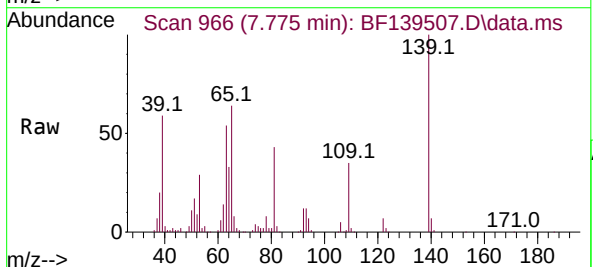
Tgt Ion:139 Resp: 92852

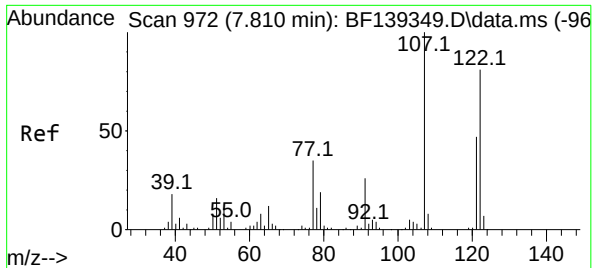
Ion Ratio Lower Upper

139 100

109 34.8 32.2 48.2

65 64.1 55.8 83.8





#27

2,4-Dimethylphenol

Concen: 55.860 ng m

RT: 7.816 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-22AMSD

Tgt Ion:122 Resp: 154470

Ion Ratio Lower Upper

122 100

107 120.5 99.1 148.7

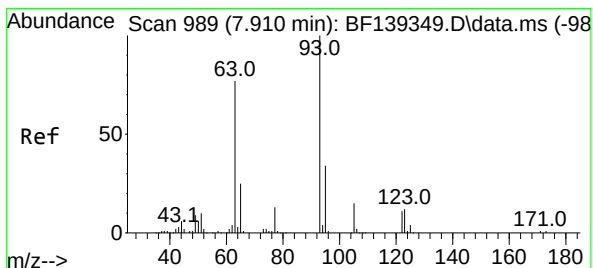
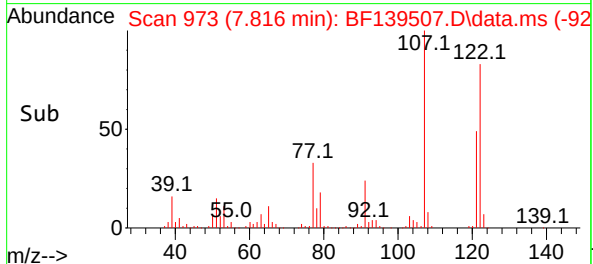
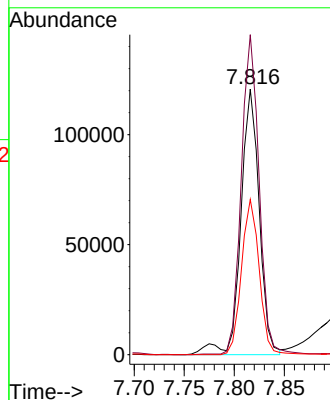
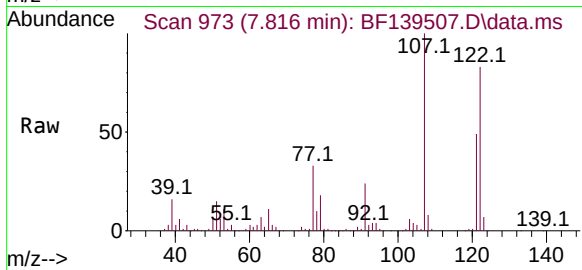
121 58.4 46.6 70.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#28

bis(2-Chloroethoxy)methane

Concen: 46.228 ng

RT: 7.904 min Scan# 988

Delta R.T. -0.006 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

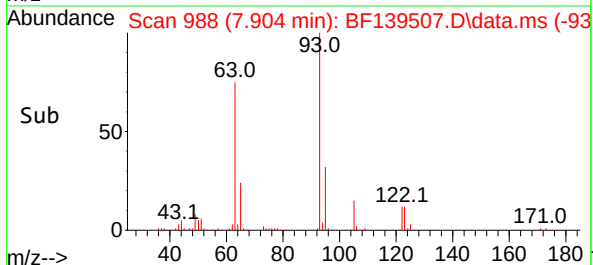
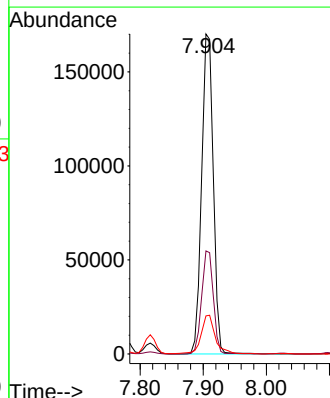
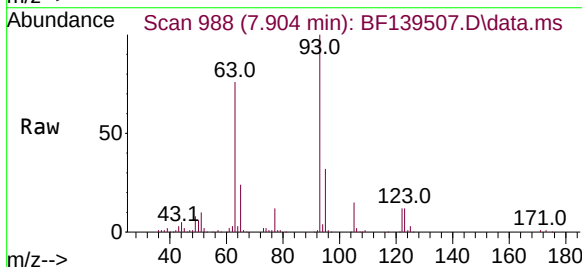
Tgt Ion: 93 Resp: 217853

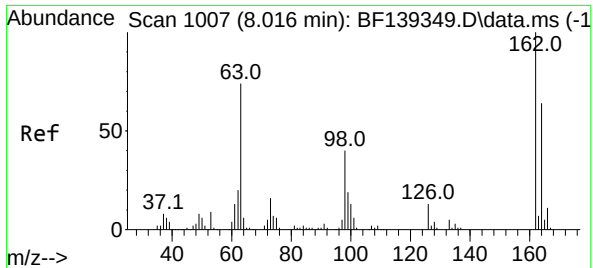
Ion Ratio Lower Upper

93 100

95 32.2 26.9 40.3

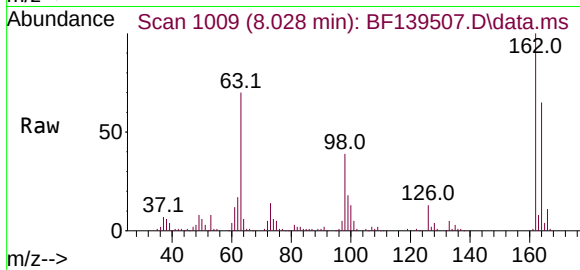
123 11.9 10.0 15.0





#29
2,4-Dichlorophenol
Concen: 43.643 ng
RT: 8.028 min Scan# 1009
Delta R.T. 0.012 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

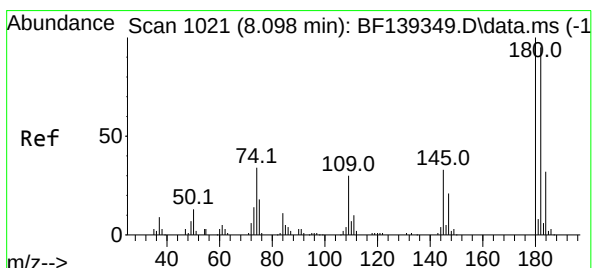
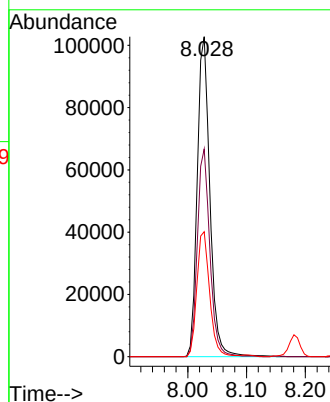
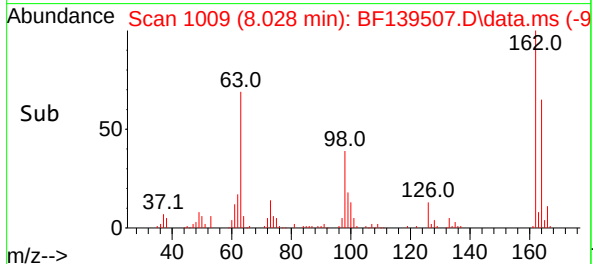
Instrument :
BNA_F
ClientSampleId :
WC-22AMSD



Tgt Ion:162 Resp: 15332
Ion Ratio Lower Upper
162 100
164 64.9 43.6 83.6
98 39.1 19.7 59.7

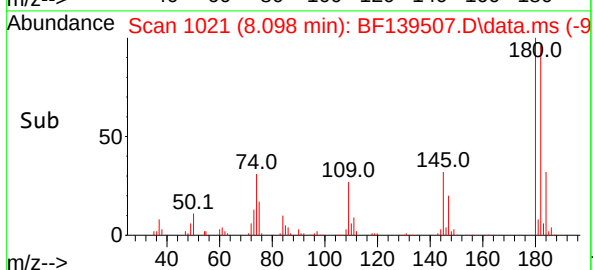
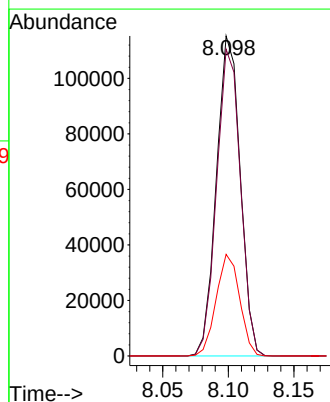
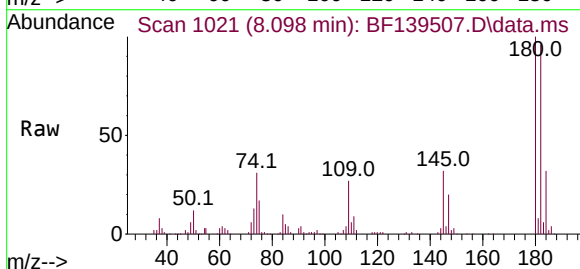
Manual Integrations
APPROVED

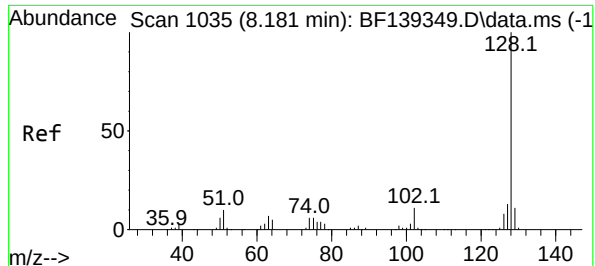
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#30
1,2,4-Trichlorobenzene
Concen: 35.456 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

Tgt Ion:180 Resp: 145133
Ion Ratio Lower Upper
180 100
182 95.8 75.7 113.5
145 31.7 26.5 39.7





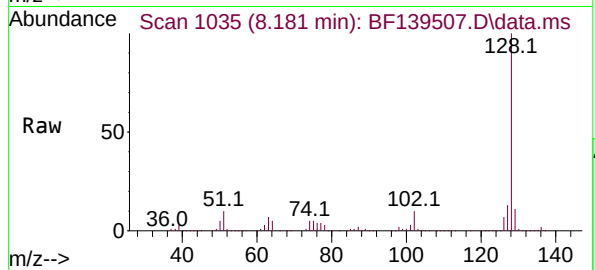
#31
Naphthalene
Concen: 38.932 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-22AMSD

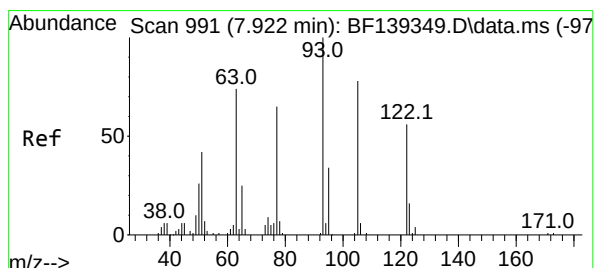
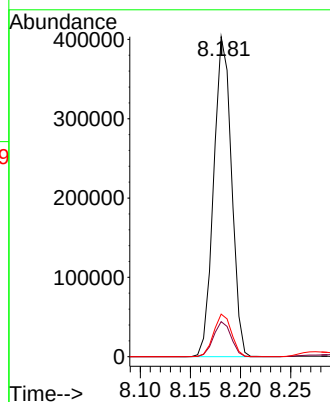
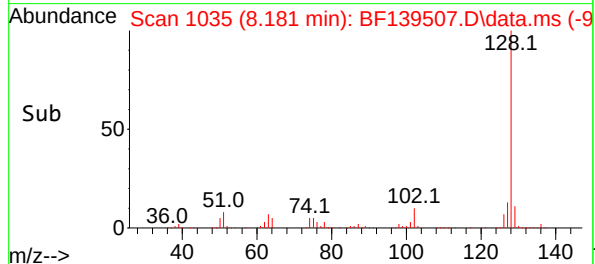


Tgt Ion:128 Resp: 49957
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.3 10.6 16.0

Manual Integrations

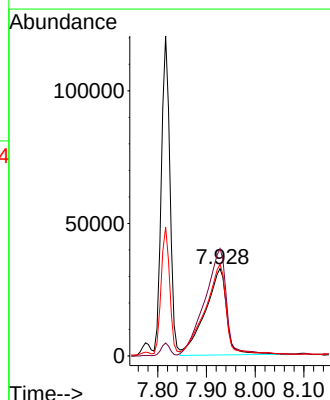
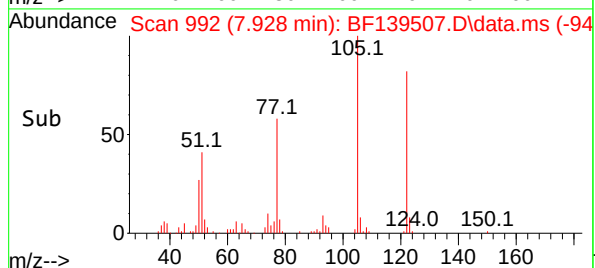
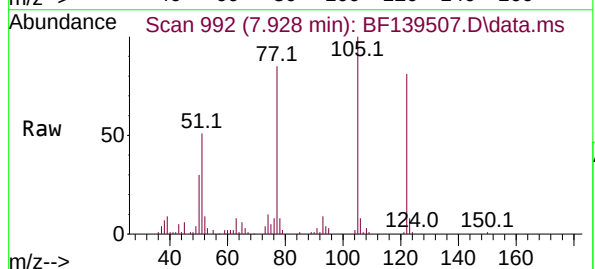
APPROVED

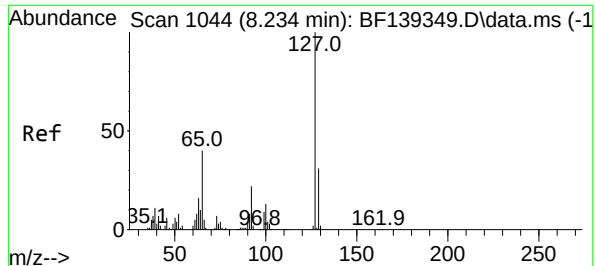
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#32
Benzoic acid
Concen: 38.567 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.006 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

Tgt Ion:122 Resp: 99808
Ion Ratio Lower Upper
122 100
105 122.7 117.1 157.1
77 104.9 95.4 135.4





#33

4-Chloroaniline

Concen: 6.343 ng

RT: 8.275 min Scan# 1044

Delta R.T. 0.041 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-22AMSD

Tgt Ion:127 Resp: 24900

Ion Ratio Lower Upper

127 100

129 33.5 25.5 38.3

65 37.7 31.5 47.3

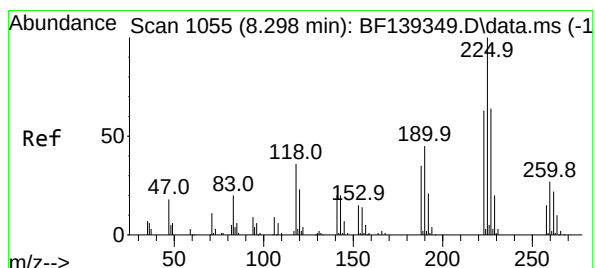
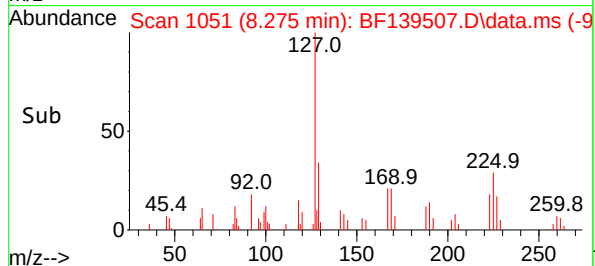
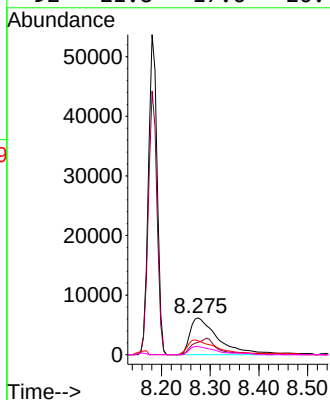
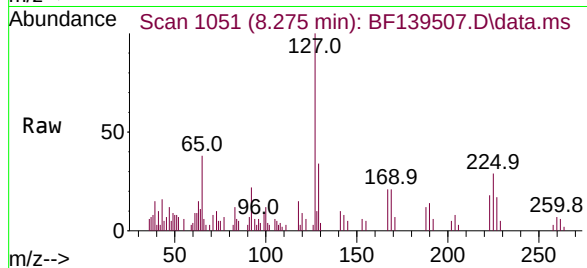
92 21.8 17.6 26.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#34

Hexachlorobutadiene

Concen: 33.765 ng

RT: 8.298 min Scan# 1055

Delta R.T. -0.000 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

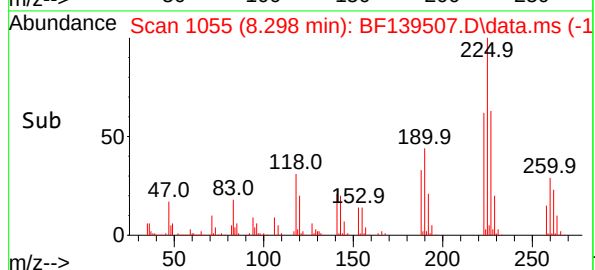
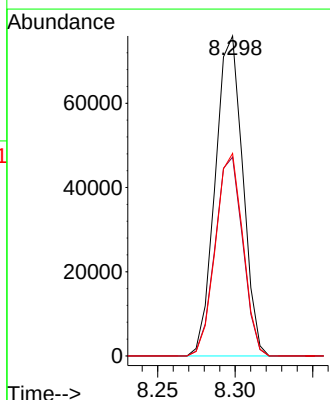
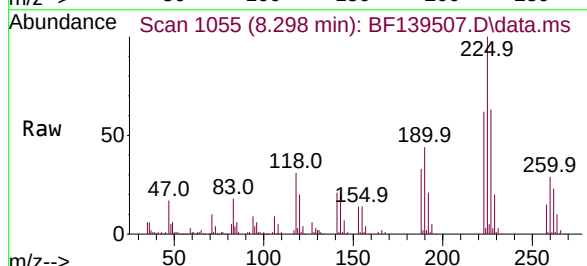
Tgt Ion:225 Resp: 93901

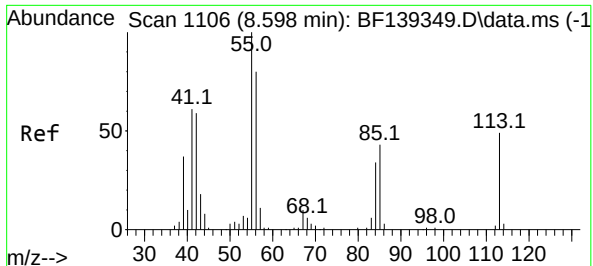
Ion Ratio Lower Upper

225 100

223 62.1 50.1 75.1

227 63.3 51.0 76.6





#35

Caprolactam

Concen: 39.901 ng m

RT: 8.598 min Scan# 1106

Delta R.T. -0.000 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-22AMSD

Tgt Ion:113 Resp: 43120

Ion Ratio Lower Upper

113 100

55 206.1 186.1 226.1

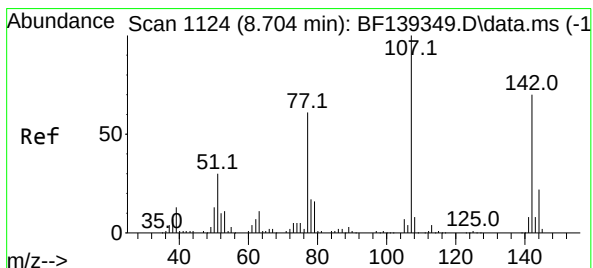
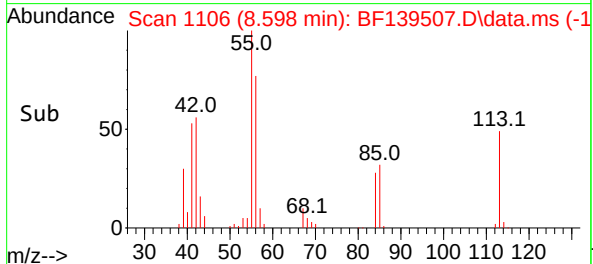
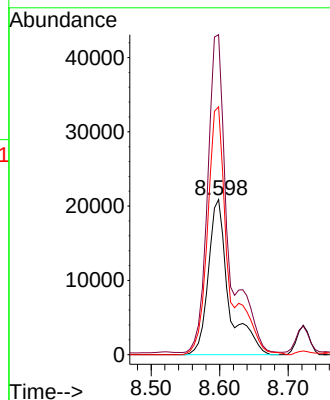
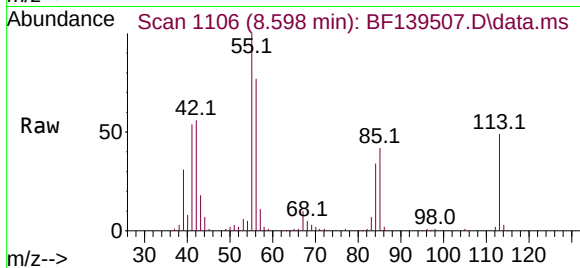
56 159.6 144.9 184.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#36

4-Chloro-3-methylphenol

Concen: 40.641 ng

RT: 8.722 min Scan# 1127

Delta R.T. 0.018 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

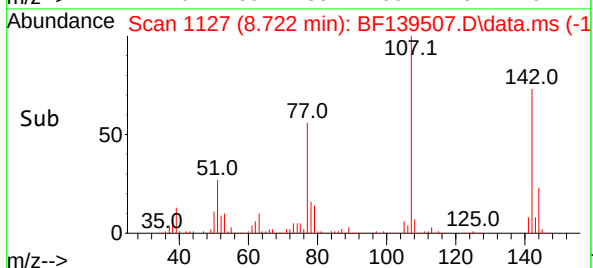
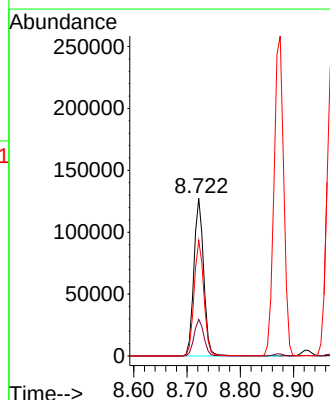
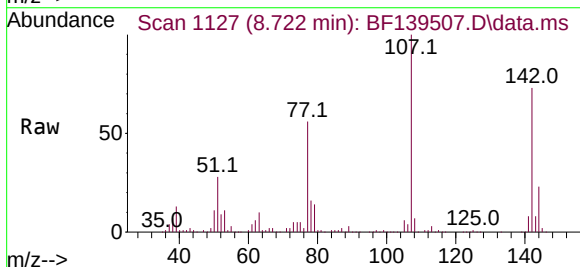
Tgt Ion:107 Resp: 163173

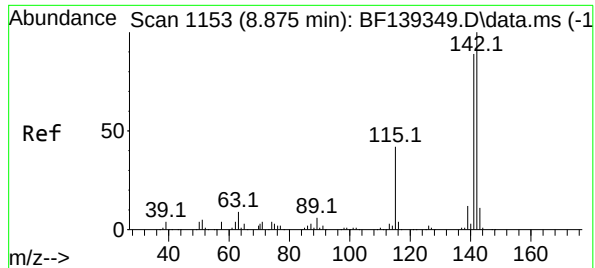
Ion Ratio Lower Upper

107 100

144 23.1 17.5 26.3

142 73.3 55.8 83.8





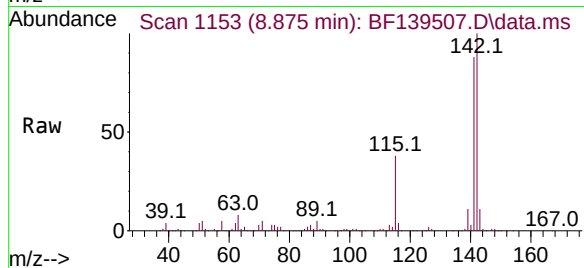
#37
2-Methylnaphthalene
Concen: 40.113 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-22AMSD

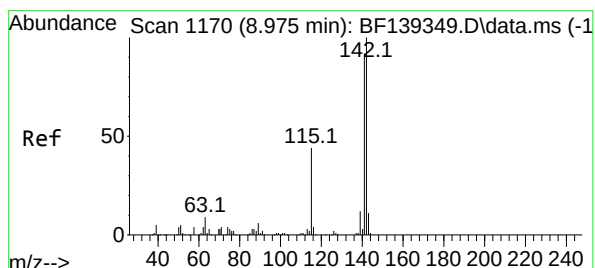
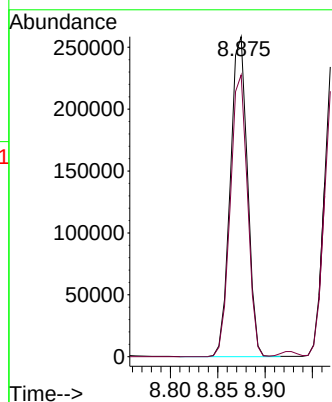
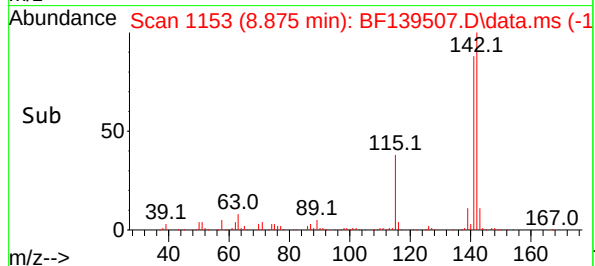


Tgt Ion:142 Resp: 326715
Ion Ratio Lower Upper
142 100
141 88.0 71.6 107.4

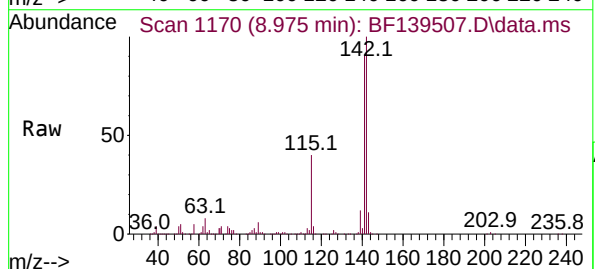
Manual Integrations

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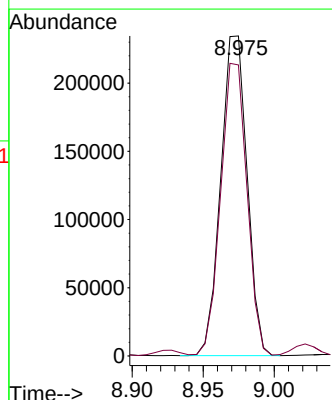
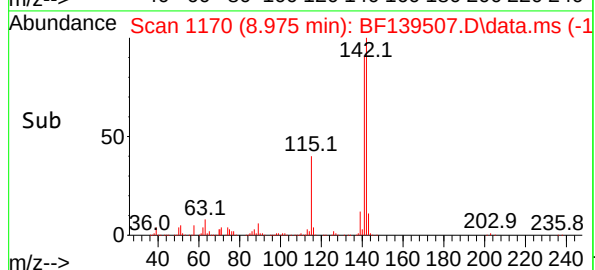
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

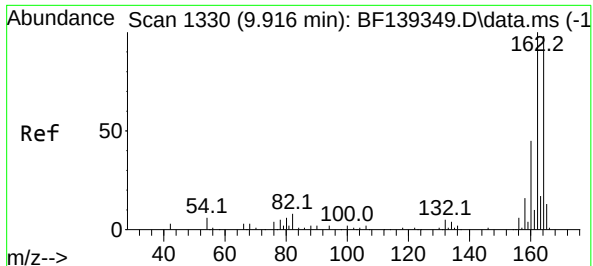


#38
1-Methylnaphthalene
Concen: 37.793 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52



Tgt Ion:142 Resp: 302201
Ion Ratio Lower Upper
142 100
141 91.0 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 113109

Delta R.T. -0.000 min

Lab File: BF139507.D

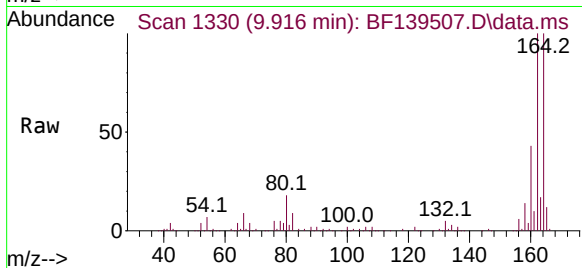
Acq: 20 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-22AMSD



Tgt Ion:164 Resp: 113109

Ion Ratio Lower Upper

164 100

162 100.3 81.3 121.9

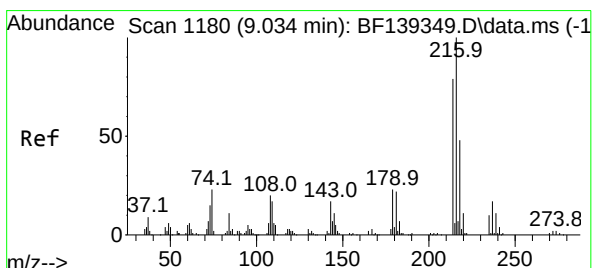
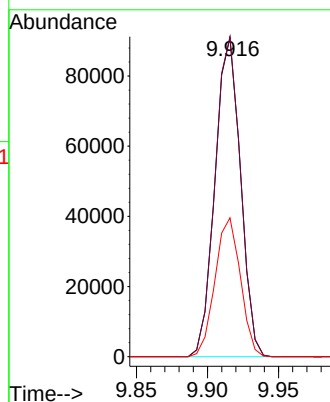
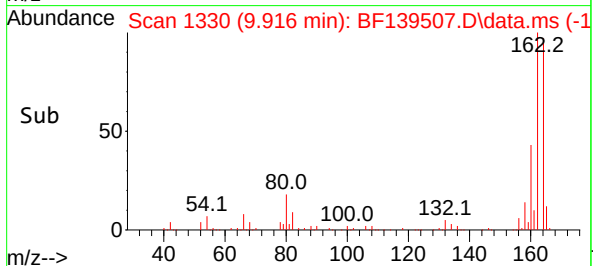
160 43.5 36.4 54.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#40

1,2,4,5-Tetrachlorobenzene

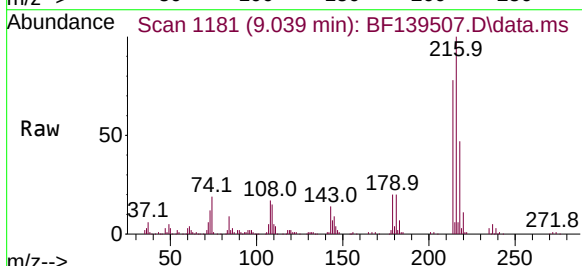
Concen: 46.366 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52



Tgt Ion:216 Resp: 155428

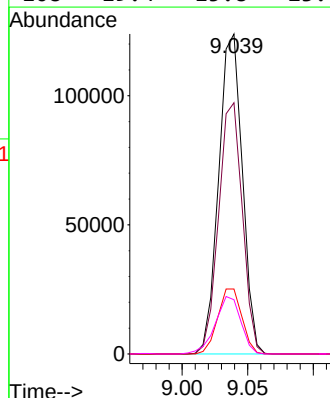
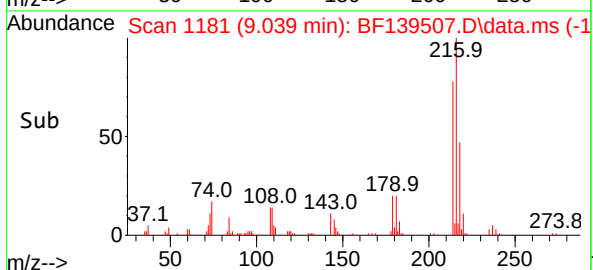
Ion Ratio Lower Upper

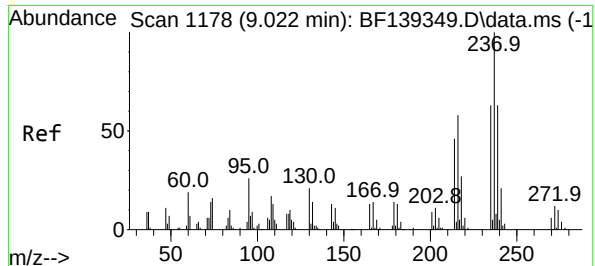
216 100

214 78.6 63.4 95.0

179 20.8 18.2 27.2

108 19.4 15.8 23.6





#41

Hexachlorocyclopentadiene

Concen: 73.754 ng

RT: 9.022 min Scan# 1178

Delta R.T. -0.000 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-22AMSD

Tgt Ion:237 Resp: 86329

Ion Ratio Lower Upper

237 100

235 63.5 42.7 82.7

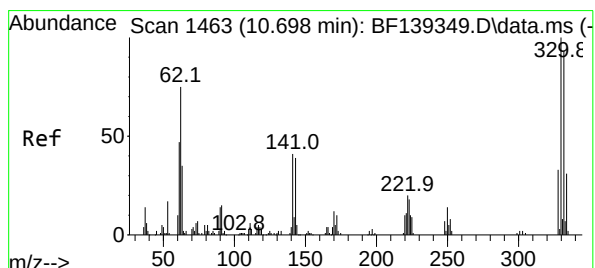
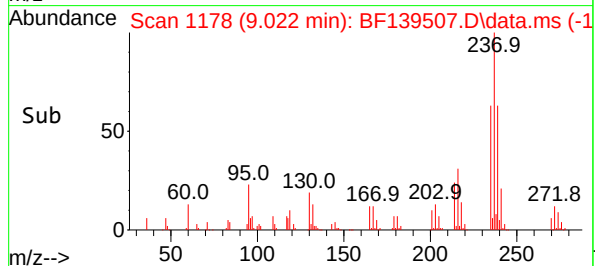
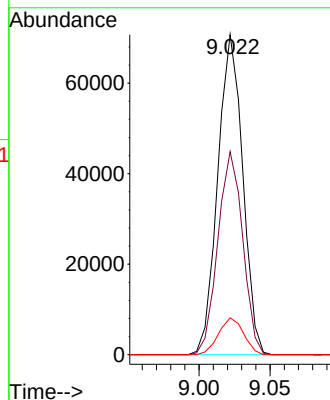
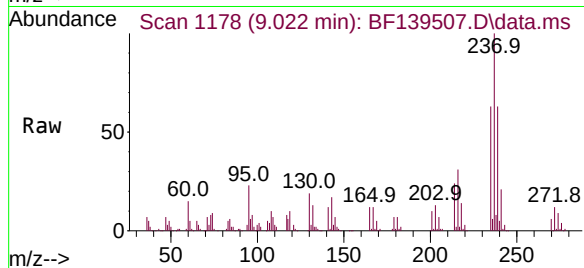
272 11.5 0.0 32.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#42

2,4,6-Tribromophenol

Concen: 114.712 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.006 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

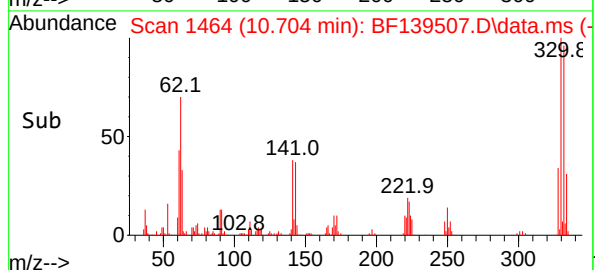
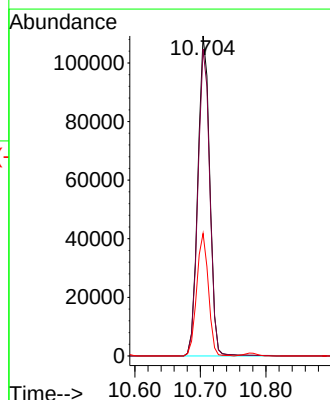
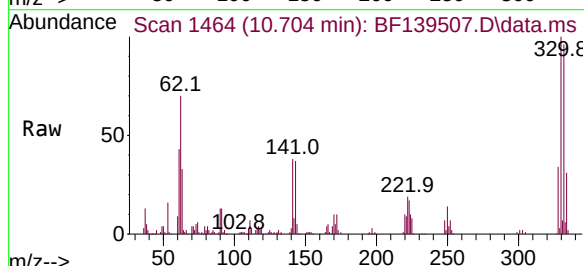
Tgt Ion:330 Resp: 138134

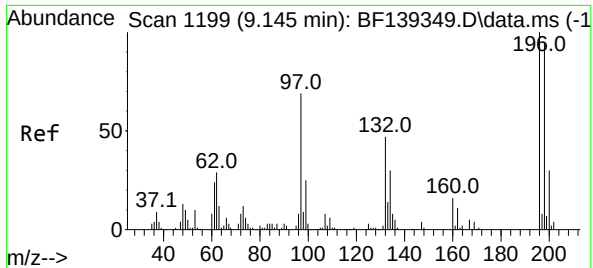
Ion Ratio Lower Upper

330 100

332 96.0 75.2 112.8

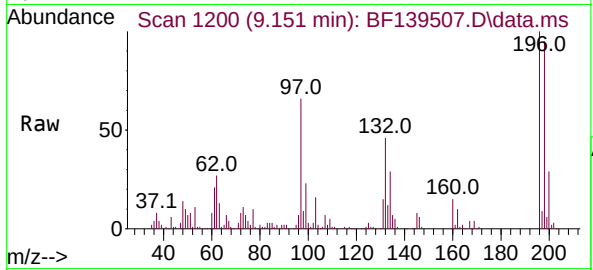
141 37.5 31.2 46.8





#43
2,4,6-Trichlorophenol
Concen: 47.541 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

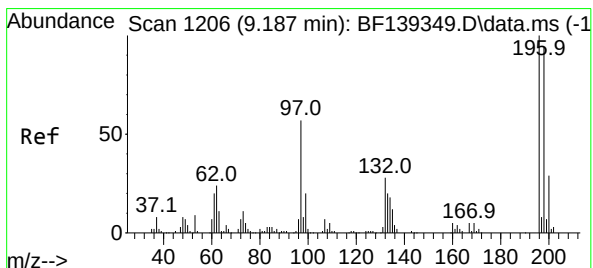
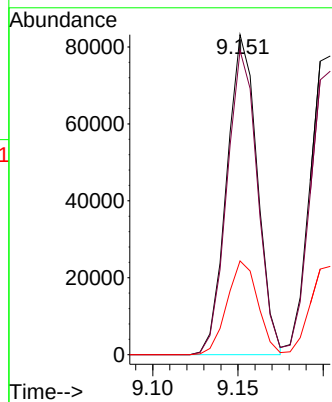
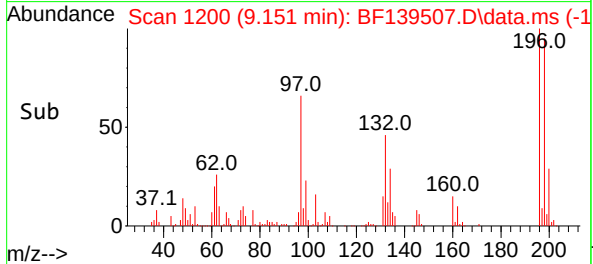
Instrument :
BNA_F
ClientSampleId :
WC-22AMSD



Tgt Ion:196 Resp: 103684
Ion Ratio Lower Upper
196 100
198 95.0 75.8 113.6
200 29.3 24.1 36.1

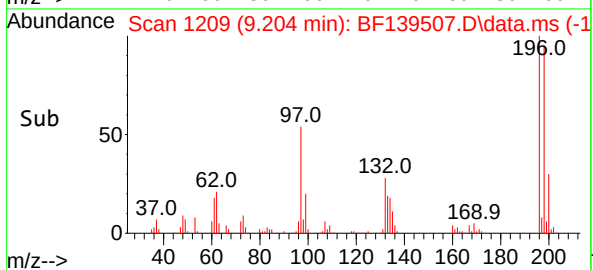
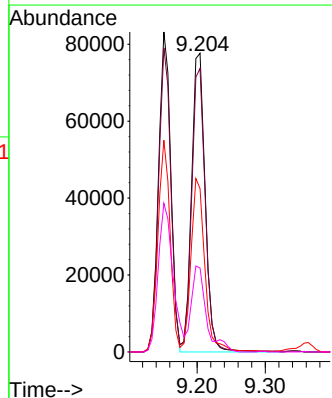
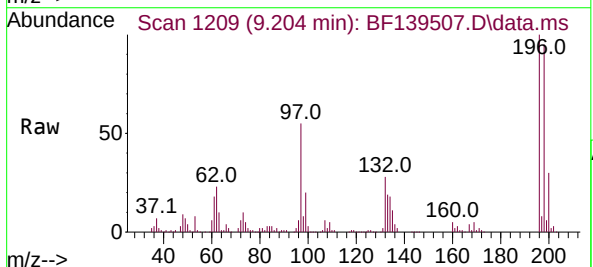
Manual Integrations
APPROVED

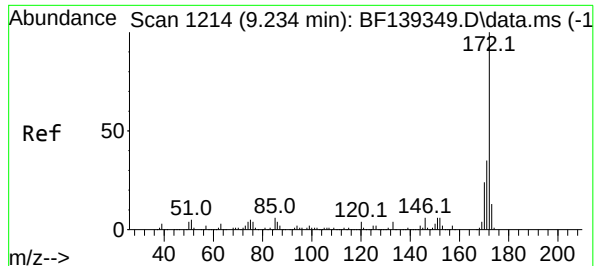
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#44
2,4,5-Trichlorophenol
Concen: 46.593 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.018 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

Tgt Ion:196 Resp: 107187
Ion Ratio Lower Upper
196 100
198 94.9 74.8 112.2
97 54.7 47.3 70.9
132 28.1 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 92.748 ng

RT: 9.234 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-22AMSD

Tgt Ion:172 Resp: 74798

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

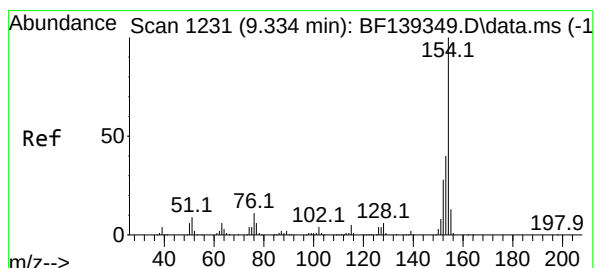
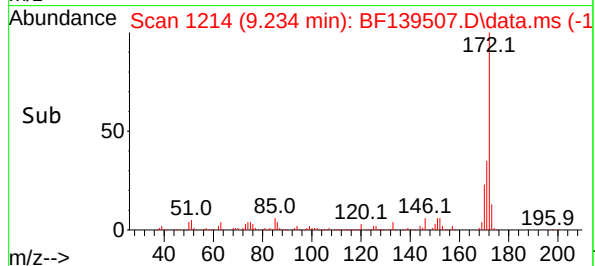
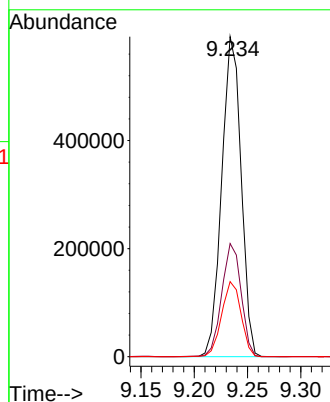
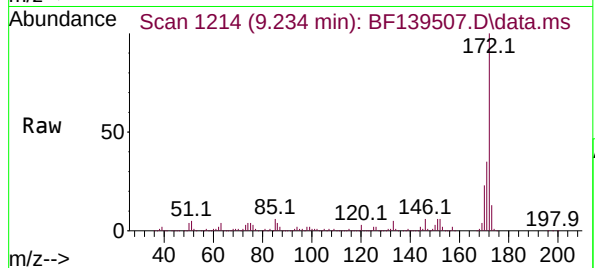
170 23.5 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#46

1,1'-Biphenyl

Concen: 46.329 ng

RT: 9.334 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

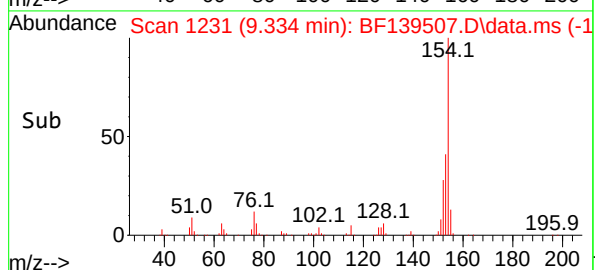
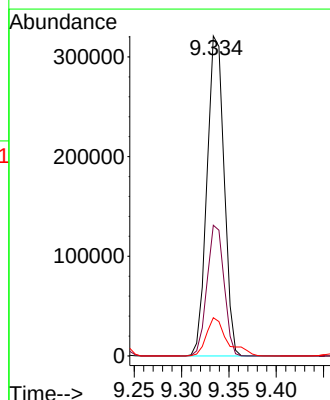
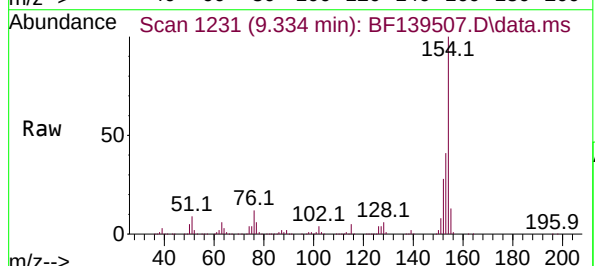
Tgt Ion:154 Resp: 403144

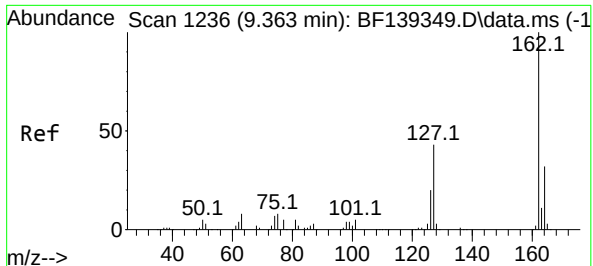
Ion Ratio Lower Upper

154 100

153 40.8 20.1 60.1

76 11.9 0.0 31.1





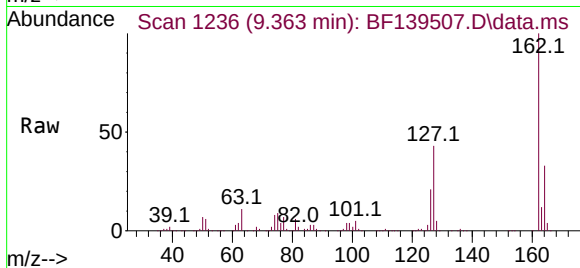
#47
2-Chloronaphthalene
Concen: 44.075 ng
RT: 9.363 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-22AMSD

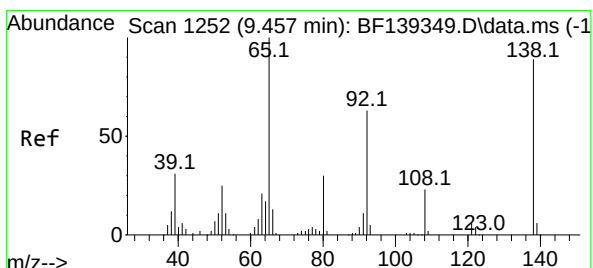
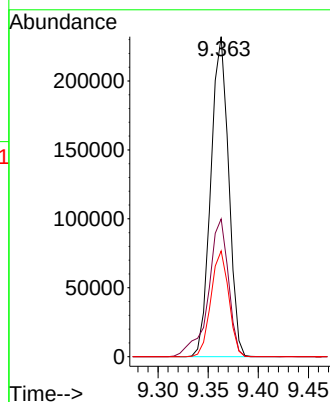
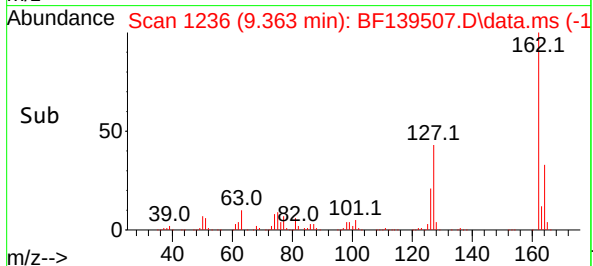


Tgt Ion:162 Resp: 286768
Ion Ratio Lower Upper
162 100
127 43.1 35.0 52.4
164 33.1 25.8 38.6

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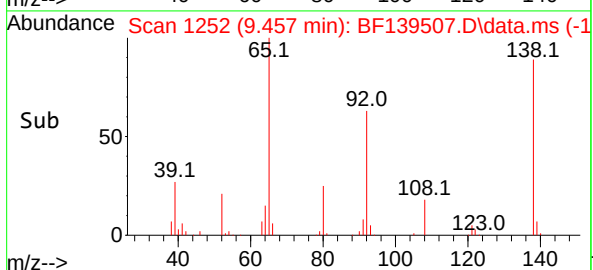
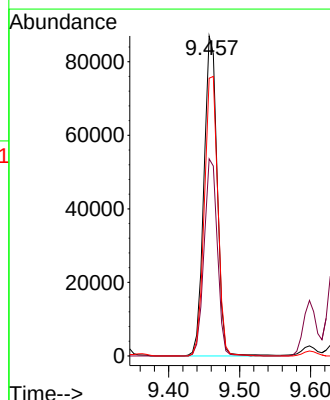
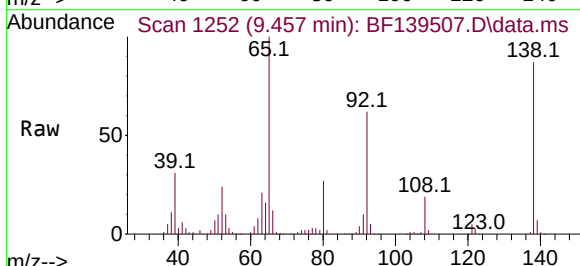
APPROVED

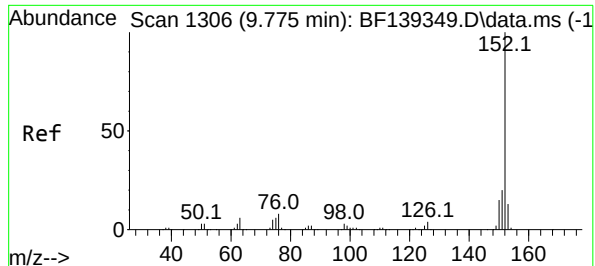
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#48
2-Nitroaniline
Concen: 46.846 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

Tgt Ion: 65 Resp: 113368
Ion Ratio Lower Upper
65 100
92 61.6 50.3 75.5
138 86.8 71.3 106.9





#49

Acenaphthylene

Concen: 47.862 ng

RT: 9.775 min Scan# 1306

Delta R.T. -0.000 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-22AMSD

Tgt Ion:152 Resp: 46875

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.2

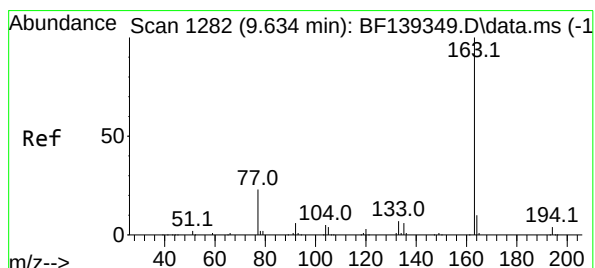
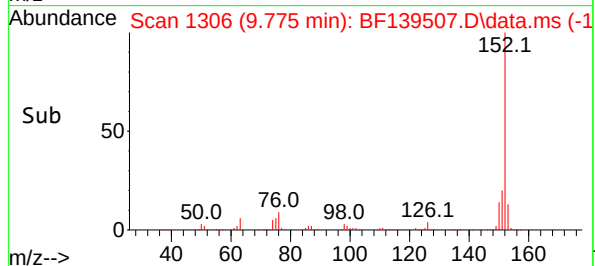
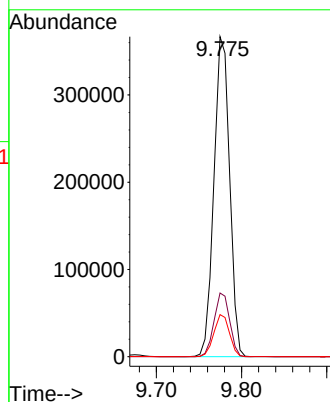
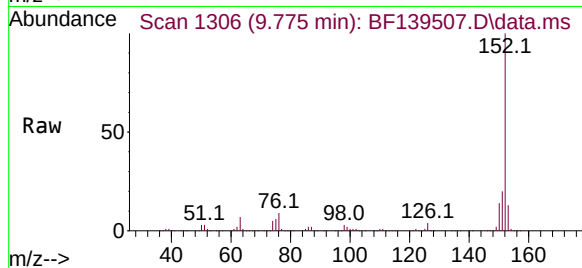
153 13.2 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#50

Dimethylphthalate

Concen: 49.610 ng

RT: 9.634 min Scan# 1282

Delta R.T. -0.000 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

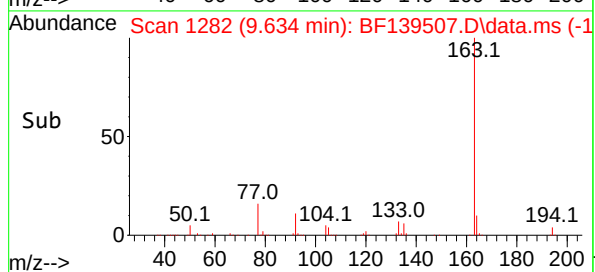
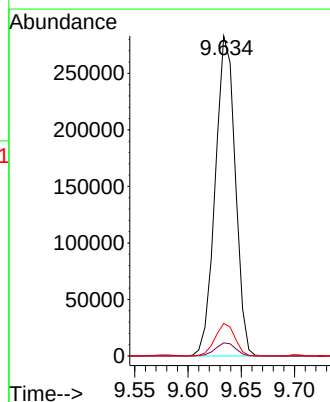
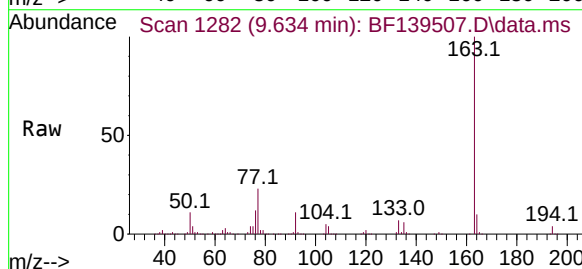
Tgt Ion:163 Resp: 368299

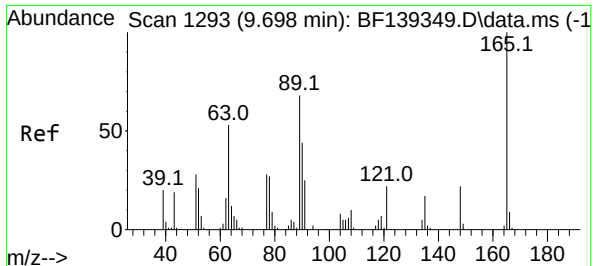
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

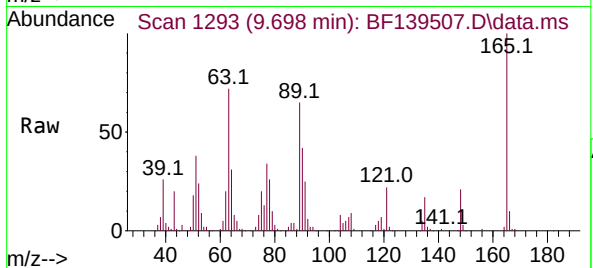
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 45.434 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

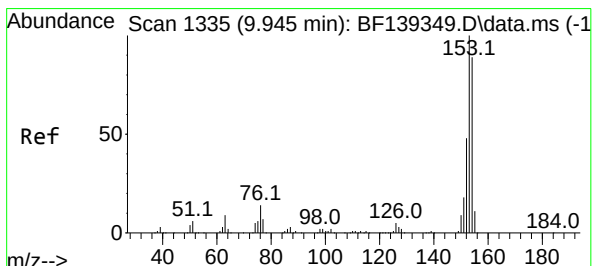
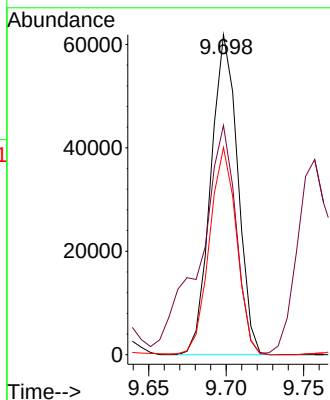
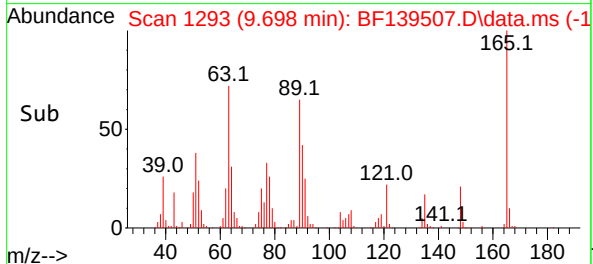
Instrument :
BNA_F
ClientSampleId :
WC-22AMSD



Tgt Ion:165 Resp: 7472
Ion Ratio Lower Upper
165 100
63 71.6 60.9 91.3
89 64.7 54.7 82.1

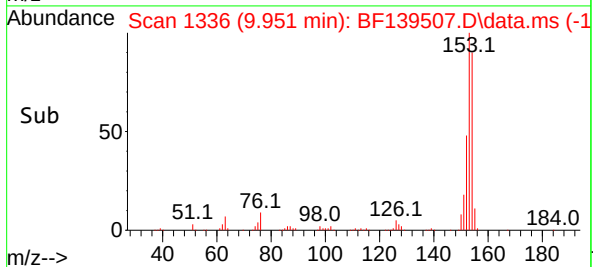
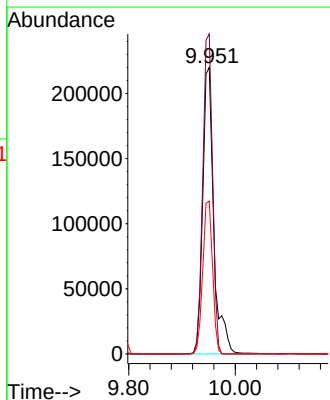
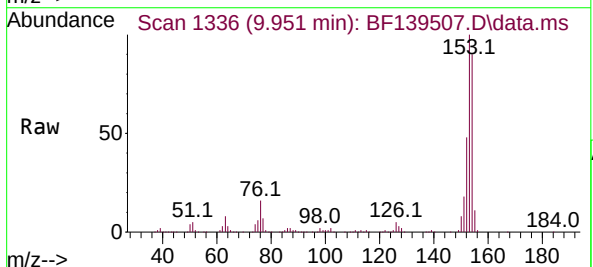
Manual Integrations
APPROVED

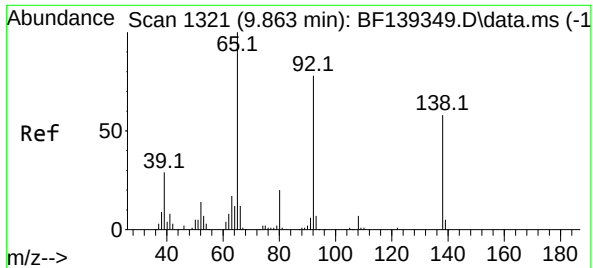
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#52
Acenaphthene
Concen: 46.558 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

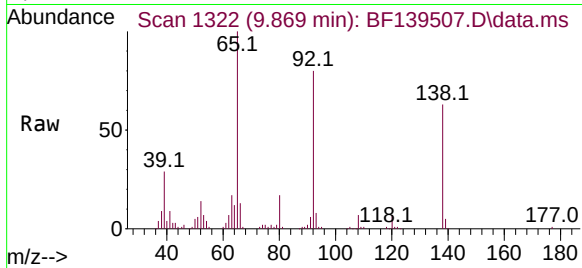
Tgt Ion:154 Resp: 318245
Ion Ratio Lower Upper
154 100
153 111.7 89.5 134.3
152 53.4 42.6 64.0





#53
3-Nitroaniline
Concen: 22.787 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

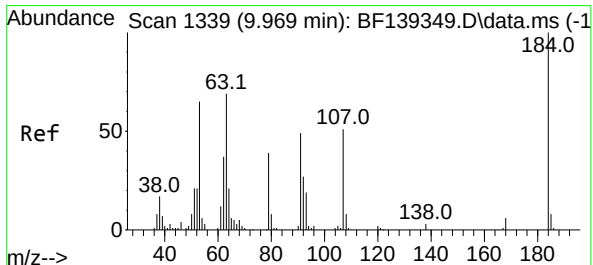
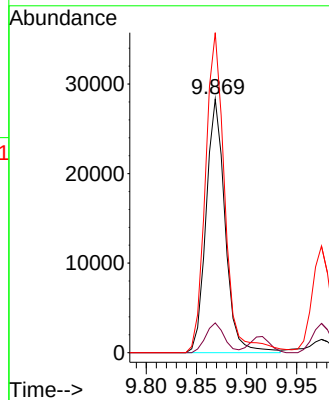
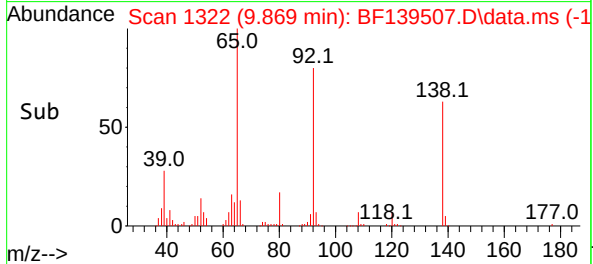
Instrument :
BNA_F
ClientSampleId :
WC-22AMSD



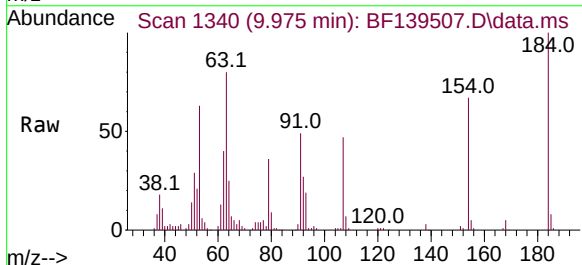
Tgt Ion:138 Resp: 3745
Ion Ratio Lower Upper
138 100
108 11.7 9.8 14.8
92 126.2 107.4 161.2

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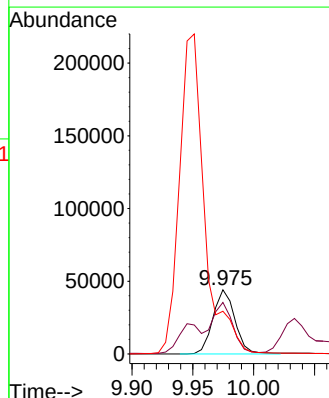
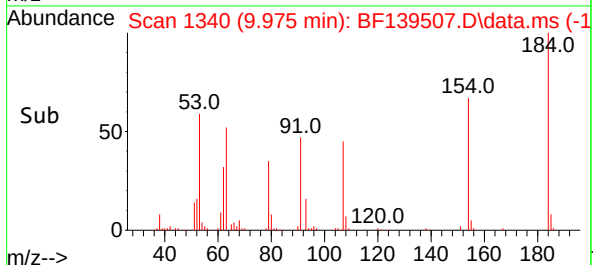
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

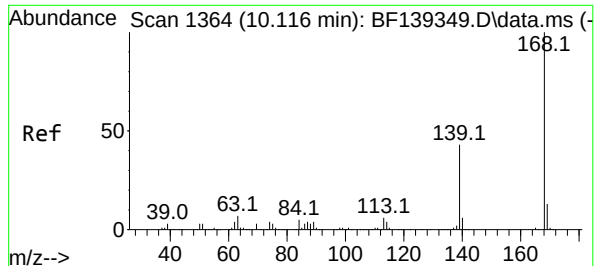


#54
2,4-Dinitrophenol
Concen: 60.676 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52



Tgt Ion:184 Resp: 55604
Ion Ratio Lower Upper
184 100
63 80.3 69.3 103.9
154 66.7 67.5 101.3#





#55

Dibenzenofuran

Concen: 44.545 ng

RT: 10.122 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-22AMSD

Tgt Ion:168 Resp: 42439

Ion Ratio Lower Upper

168 100

139 38.6 34.1 51.1

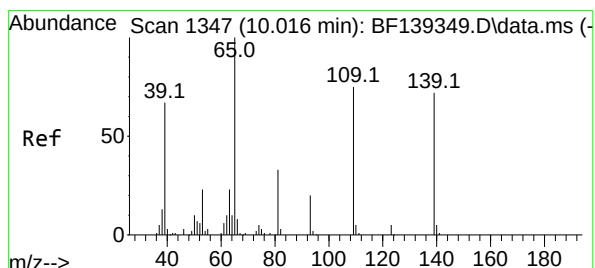
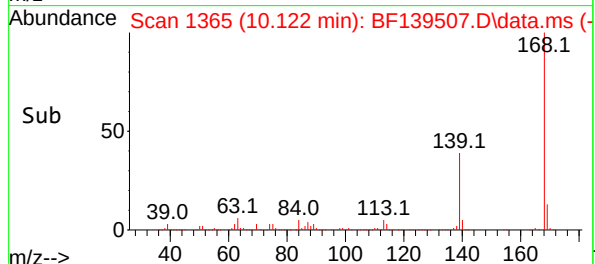
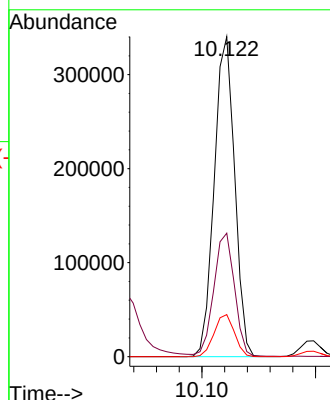
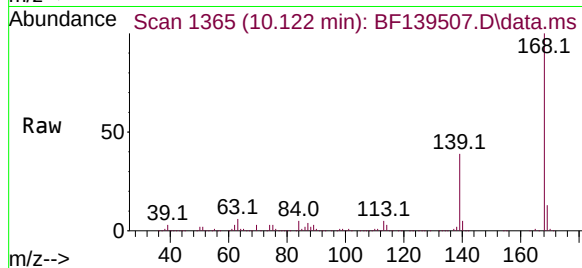
169 13.2 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#56

4-Nitrophenol

Concen: 78.011 ng

RT: 10.034 min Scan# 1350

Delta R.T. 0.018 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

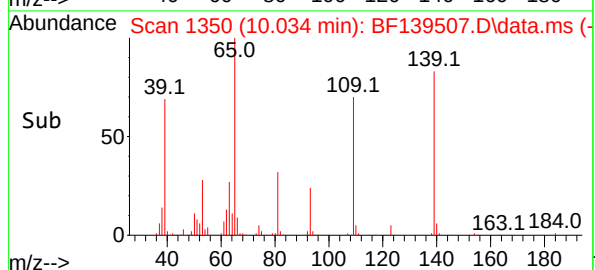
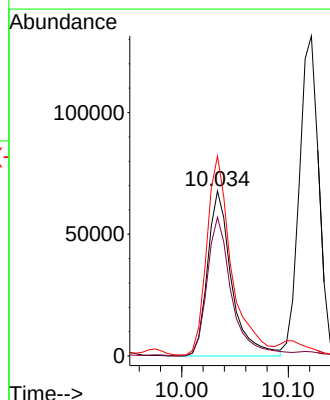
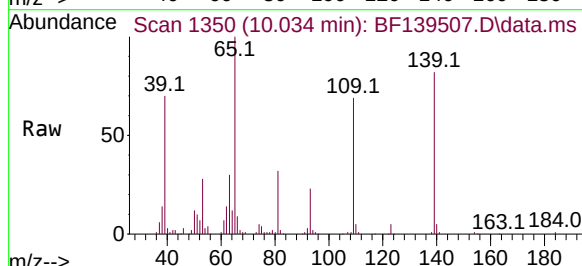
Tgt Ion:139 Resp: 106094

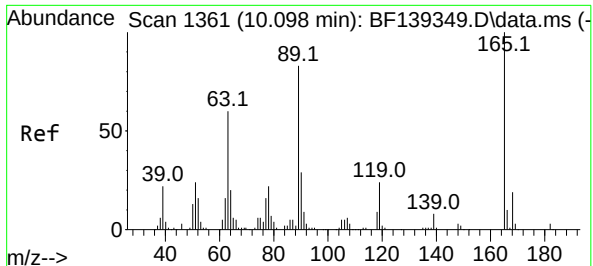
Ion Ratio Lower Upper

139 100

109 84.1 84.1 124.1#

65 121.3 120.0 160.0





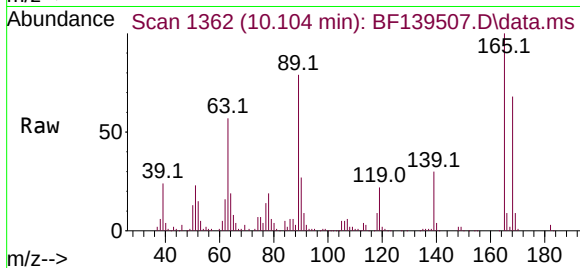
#57
2,4-Dinitrotoluene
Concen: 44.125 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-22AMSD

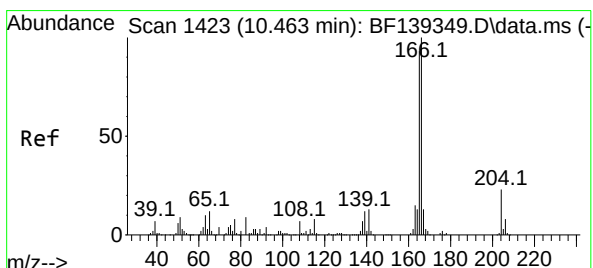
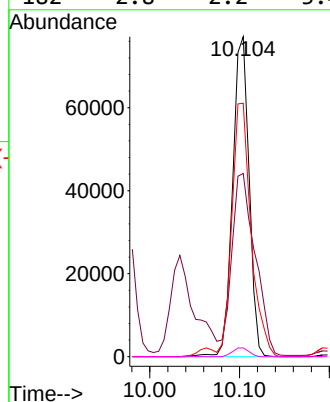
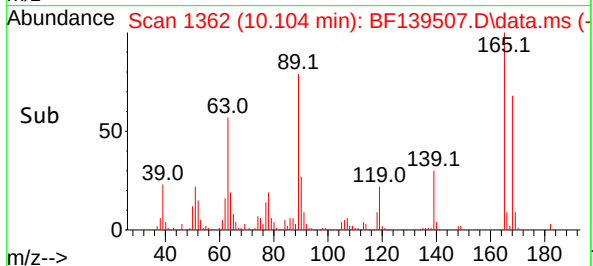


Tgt Ion:165 Resp: 97973
Ion Ratio Lower Upper
165 100
63 57.2 47.8 71.6
89 79.2 66.7 100.1
182 2.8 2.2 3.4

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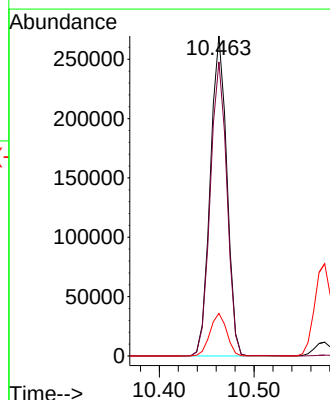
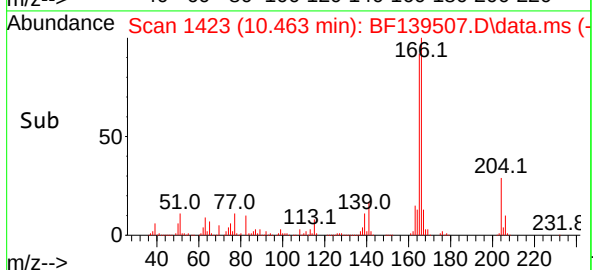
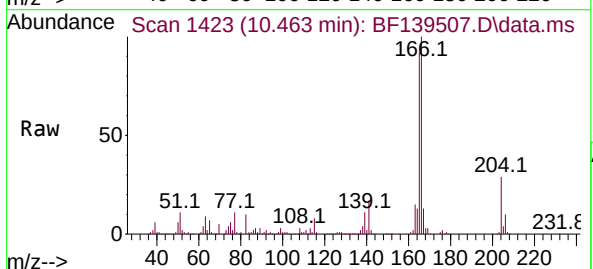
APPROVED

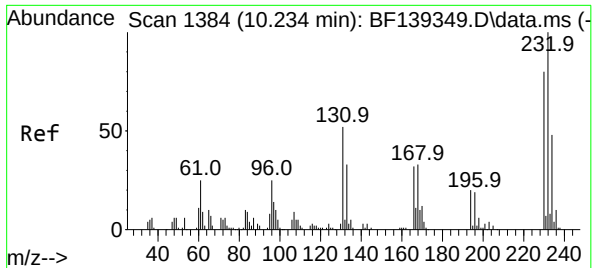
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#58
Fluorene
Concen: 42.055 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

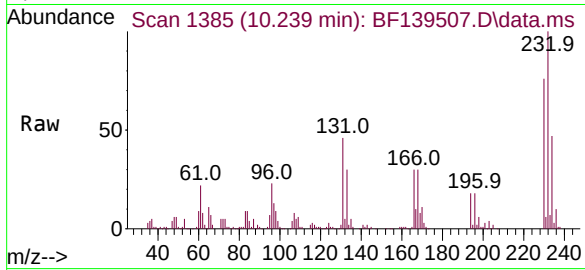
Tgt Ion:166 Resp: 326915
Ion Ratio Lower Upper
166 100
165 91.9 74.5 111.7
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.447 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.006 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

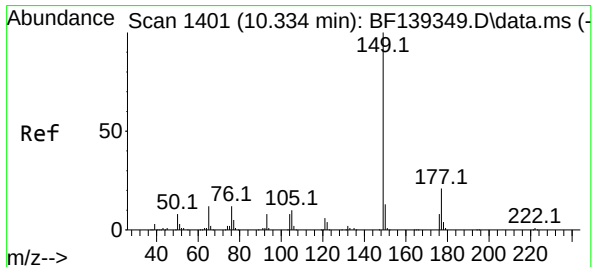
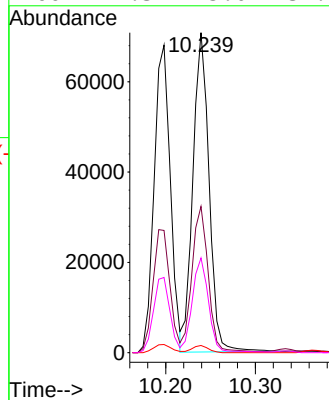
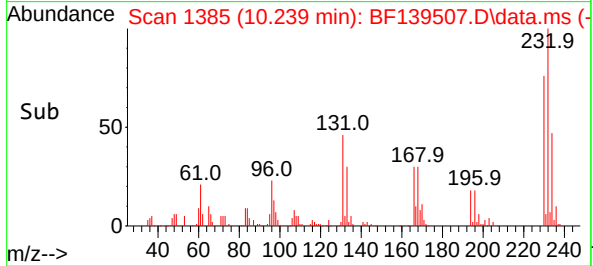
Instrument :
BNA_F
ClientSampleId :
WC-22AMSD



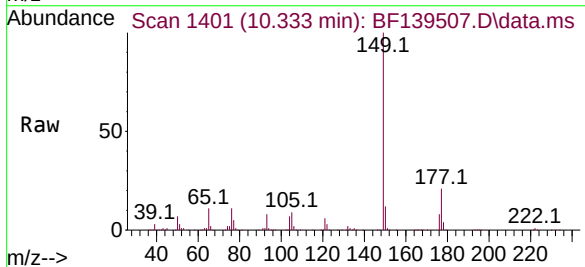
Tgt Ion:232 Resp: 88390
Ion Ratio Lower Upper
232 100
131 45.5 40.7 61.1
130 2.3 2.2 3.2
166 29.3 25.0 37.6

Manual Integrations
APPROVED

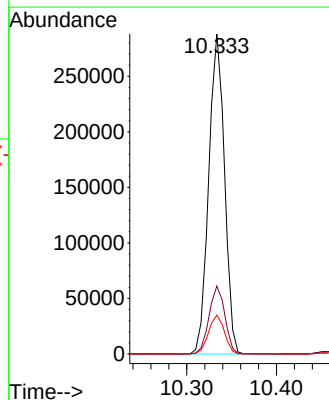
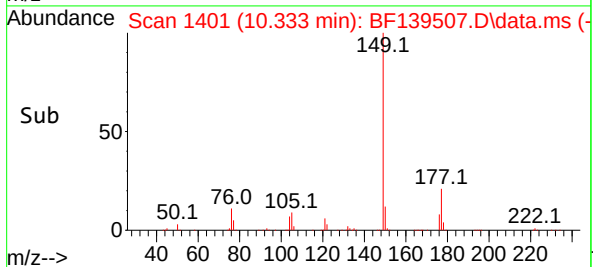
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

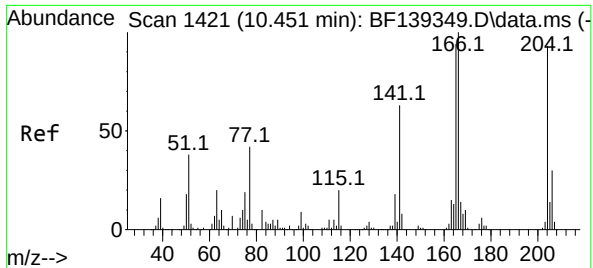


#60
Diethylphthalate
Concen: 45.886 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52



Tgt Ion:149 Resp: 351534
Ion Ratio Lower Upper
149 100
177 21.2 16.6 24.8
150 12.2 10.6 15.8





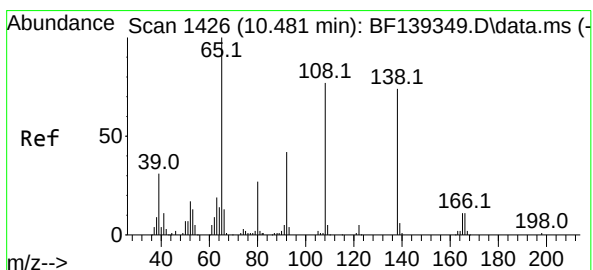
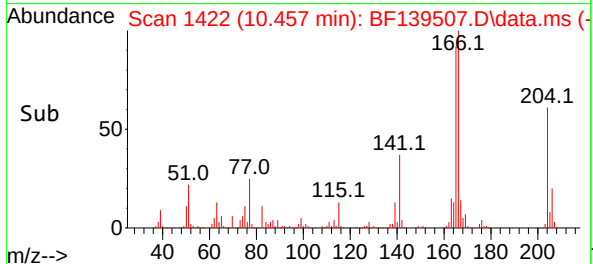
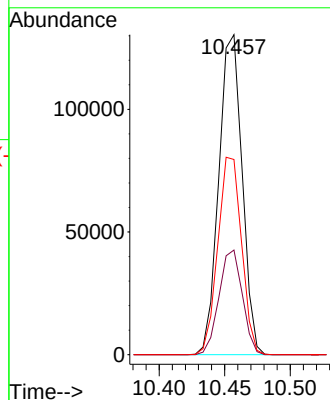
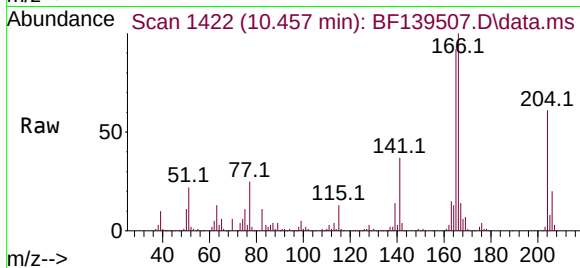
#61
4-Chlorophenyl-phenylether
Concen: 42.722 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

Instrument :
BNA_F
ClientSampleId :
WC-22AMSD

Tgt Ion:204 Resp: 161397
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 61.0 53.9 80.9

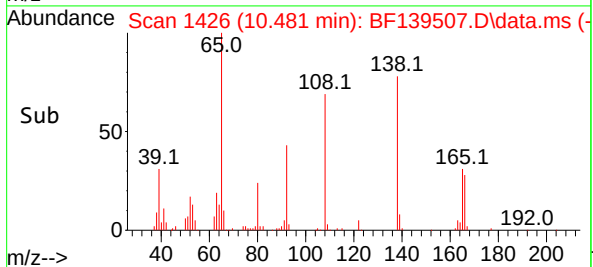
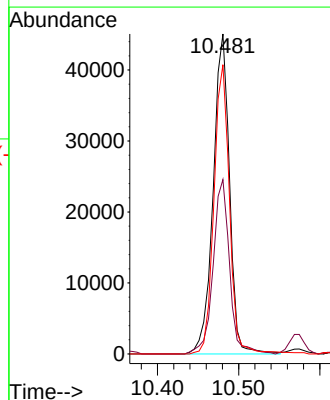
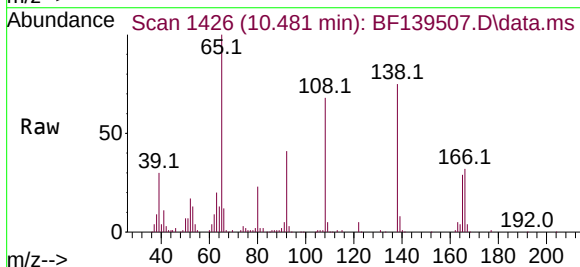
Manual Integrations
APPROVED

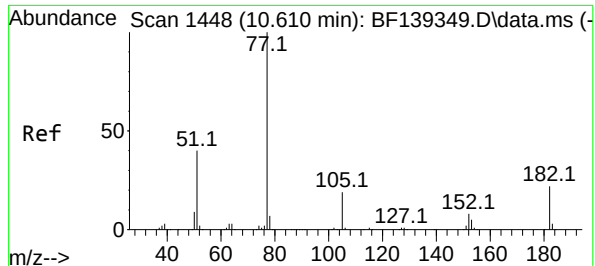
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#62
4-Nitroaniline
Concen: 35.202 ng
RT: 10.481 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

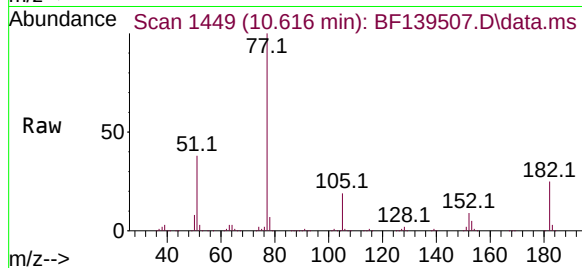
Tgt Ion:138 Resp: 63145
Ion Ratio Lower Upper
138 100
92 54.5 37.0 77.0
108 90.4 84.4 124.4





#63
Azobenzene
Concen: 42.290 ng
RT: 10.616 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

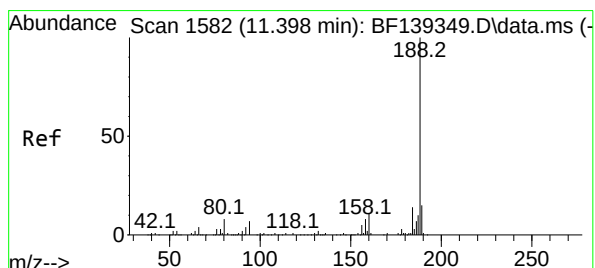
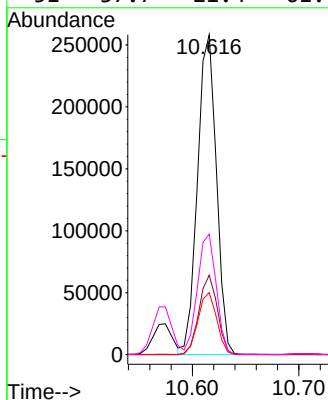
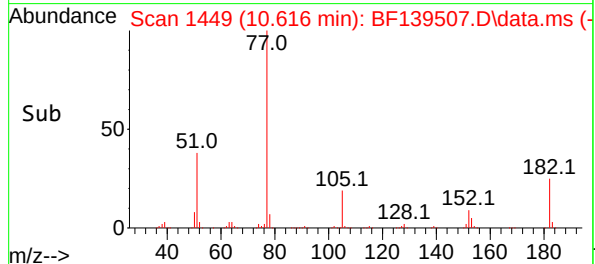
Instrument :
BNA_F
ClientSampleId :
WC-22AMSD



Tgt Ion: 77 Resp: 318658
Ion Ratio Lower Upper
77 100
182 24.9 1.8 41.8
105 19.4 0.0 38.6
51 37.7 21.4 61.4

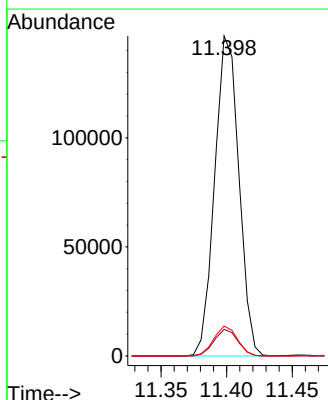
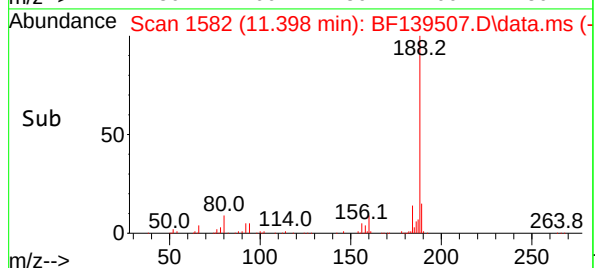
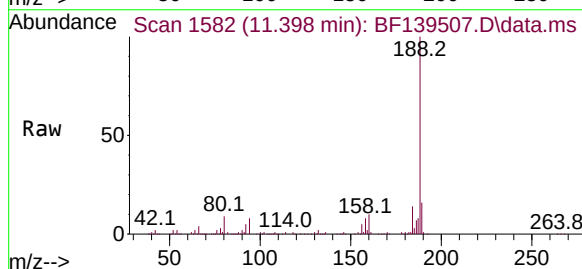
Manual Integrations
APPROVED

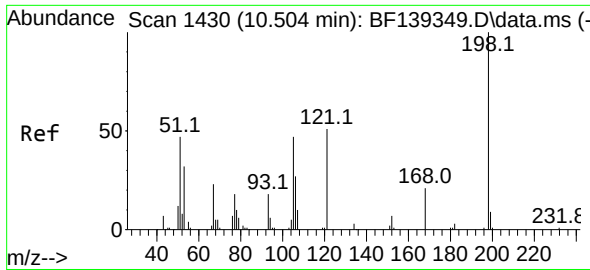
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

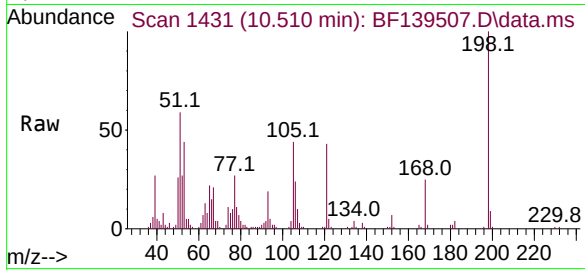
Tgt Ion:188 Resp: 188079
Ion Ratio Lower Upper
188 100
94 8.3 5.5 8.3#
80 9.3 6.6 9.8





#65
4,6-Dinitro-2-methylphenol
Concen: 35.703 ng
RT: 10.510 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

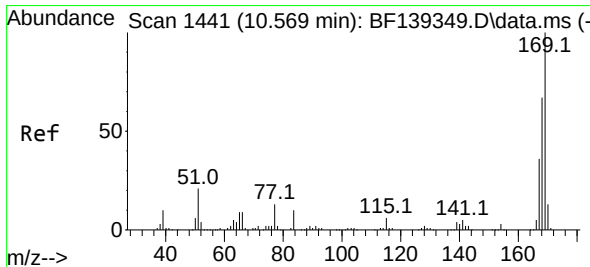
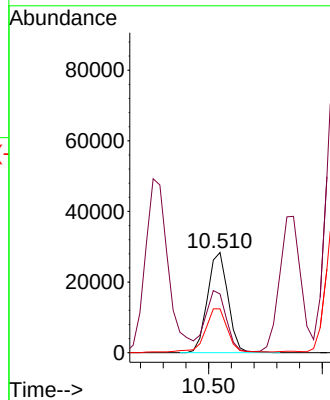
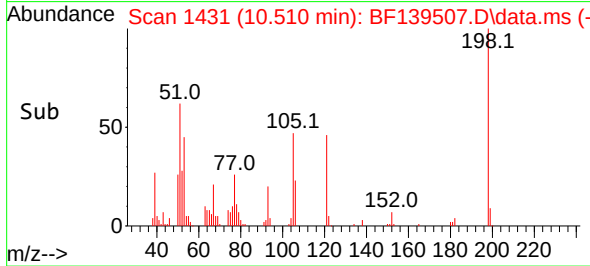
Instrument :
BNA_F
ClientSampleId :
WC-22AMSD



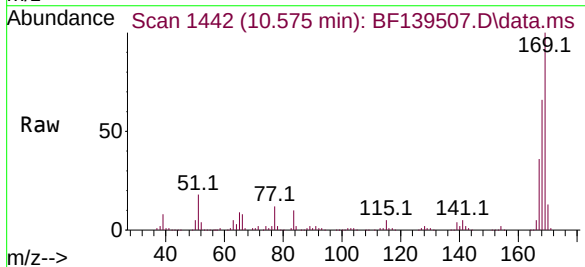
Tgt Ion:198 Resp: 3544
Ion Ratio Lower Upper
198 100
51 58.6 50.4 90.4
105 43.7 28.3 68.3

Manual Integrations
APPROVED

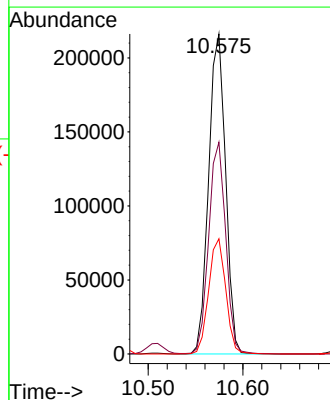
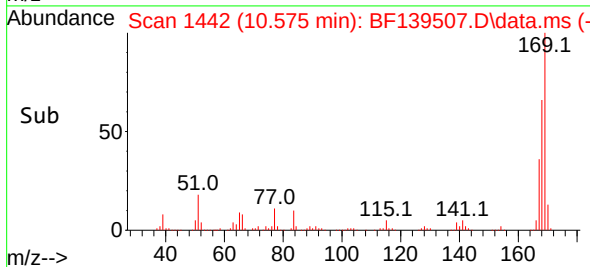
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

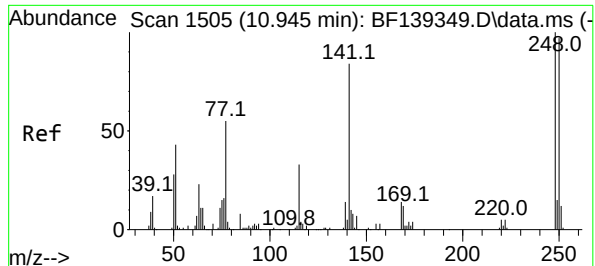


#66
n-Nitrosodiphenylamine
Concen: 48.677 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52



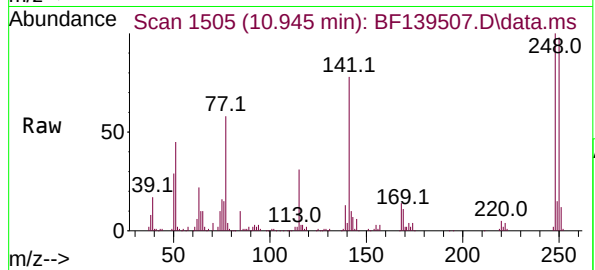
Tgt Ion:169 Resp: 267664
Ion Ratio Lower Upper
169 100
168 66.1 53.6 80.4
167 36.0 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 48.684 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

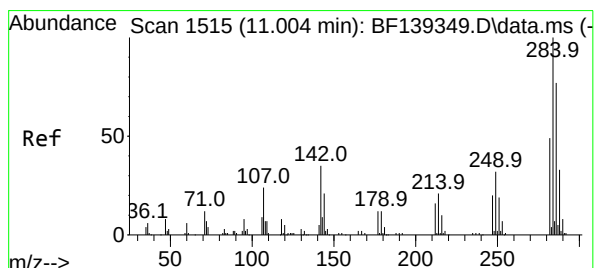
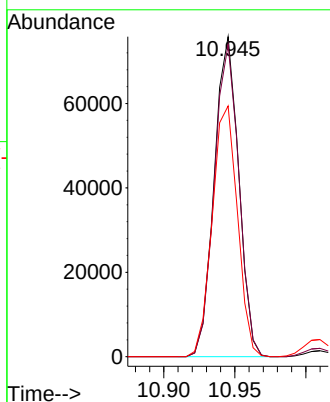
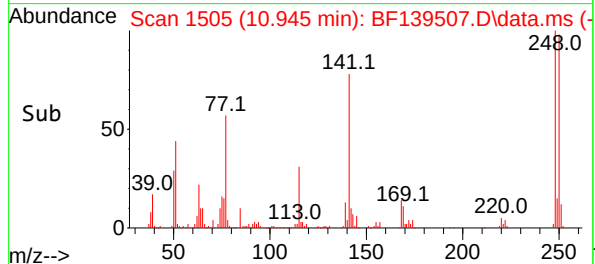
Instrument :
BNA_F
ClientSampleId :
WC-22AMSD



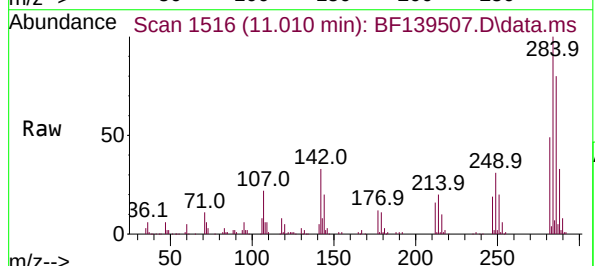
Tgt Ion:248 Resp: 90738
Ion Ratio Lower Upper
248 100
250 97.5 77.6 116.4
141 78.3 66.9 100.3

Manual Integrations
APPROVED

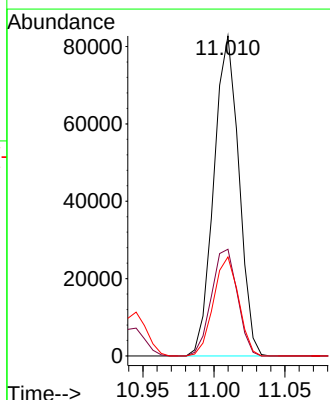
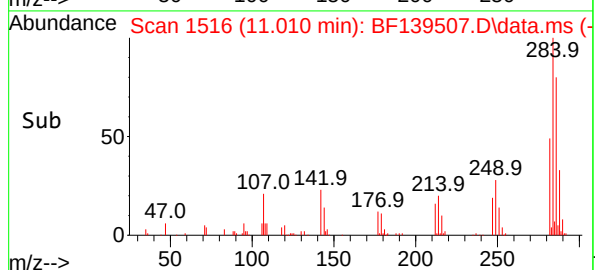
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

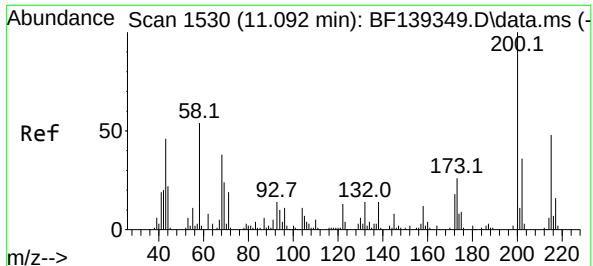


#68
Hexachlorobenzene
Concen: 46.413 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52



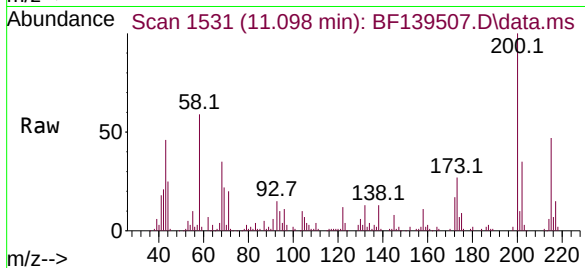
Tgt Ion:284 Resp: 101524
Ion Ratio Lower Upper
284 100
142 33.3 28.0 42.0
249 30.9 25.3 37.9





#69
Atrazine
Concen: 45.342 ng
RT: 11.098 min Scan# 1530
Delta R.T. 0.006 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

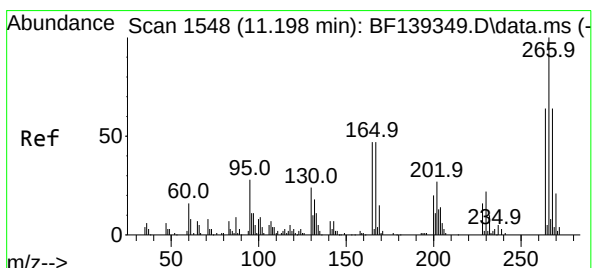
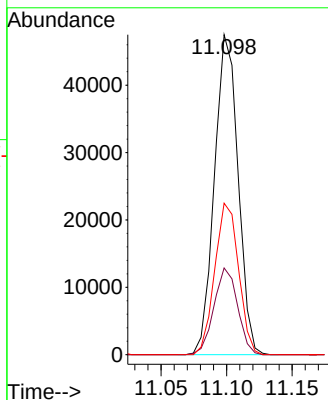
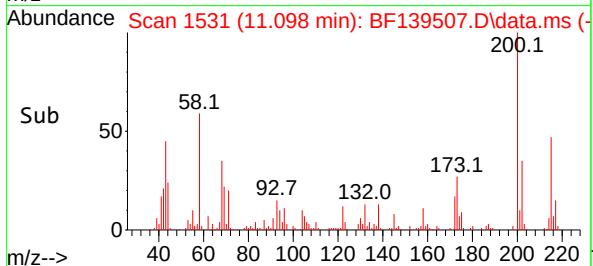
Instrument :
BNA_F
ClientSampleId :
WC-22AMSD



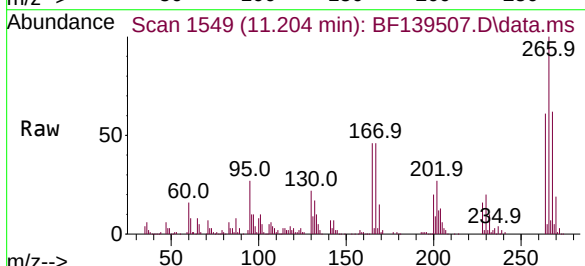
Tgt Ion:200 Resp: 5935
Ion Ratio Lower Upper
200 100
173 27.1 6.1 46.1
215 47.4 28.2 68.2

Manual Integrations
APPROVED

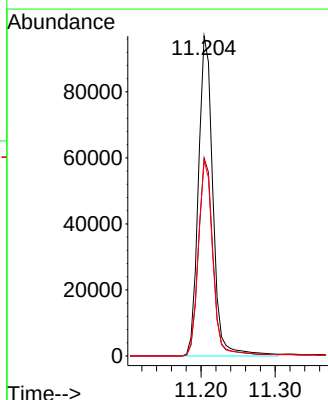
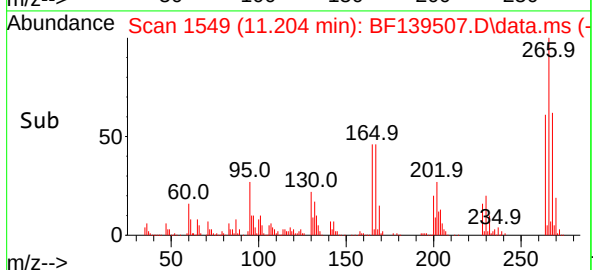
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

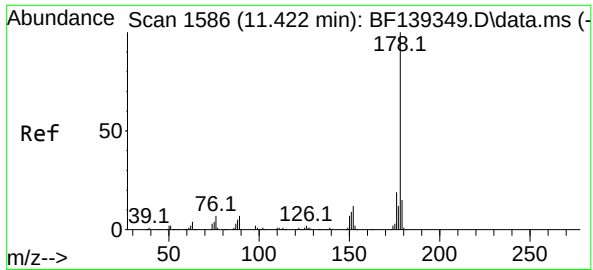


#70
Pentachlorophenol
Concen: 100.448 ng
RT: 11.204 min Scan# 1549
Delta R.T. 0.006 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52



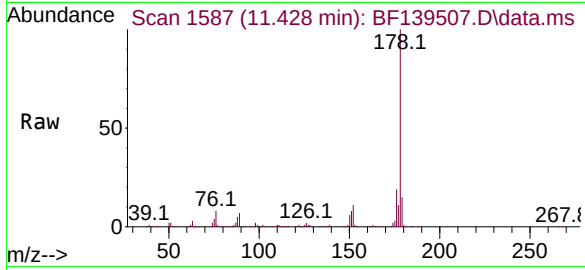
Tgt Ion:266 Resp: 131843
Ion Ratio Lower Upper
266 100
268 61.9 51.1 76.7
264 61.1 51.4 77.0





#71
Phenanthrene
Concen: 49.509 ng
RT: 11.428 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

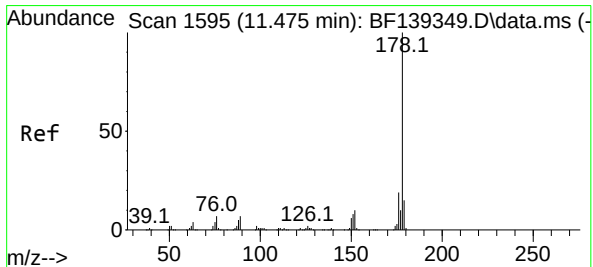
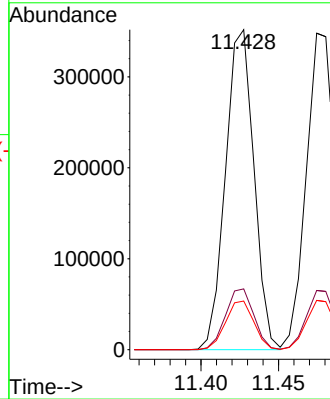
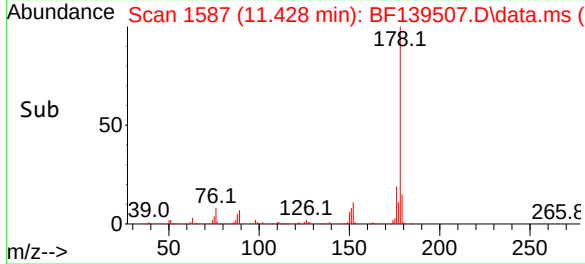
Instrument :
BNA_F
ClientSampleId :
WC-22AMSD



Tgt Ion:178 Resp: 449240
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 15.2 12.2 18.4

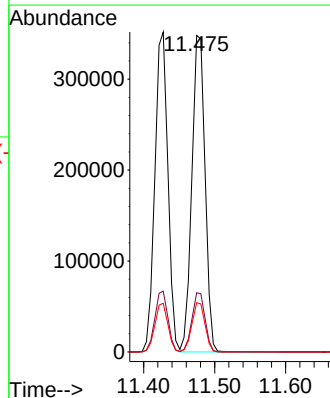
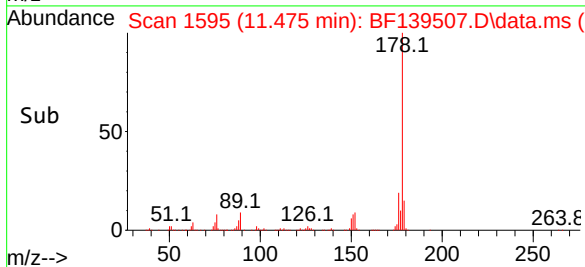
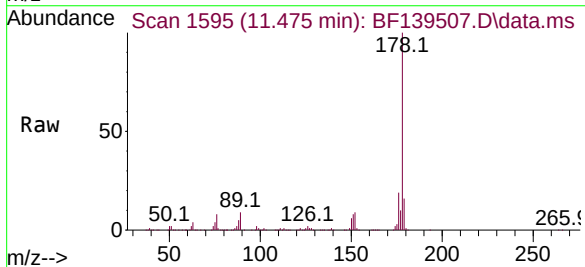
Manual Integrations
APPROVED

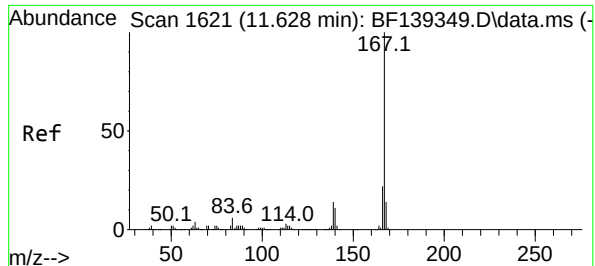
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#72
Anthracene
Concen: 50.853 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

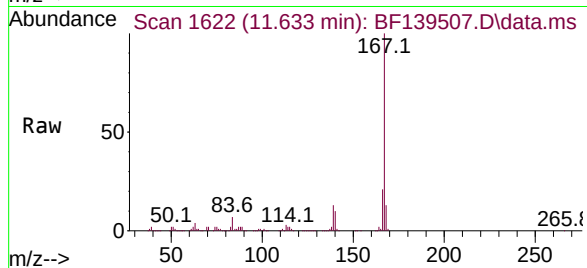
Tgt Ion:178 Resp: 451163
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.6 12.0 18.0





#73
 Carbazole
 Concen: 49.298 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. 0.006 min
 Lab File: BF139507.D
 Acq: 20 Sep 2024 17:52

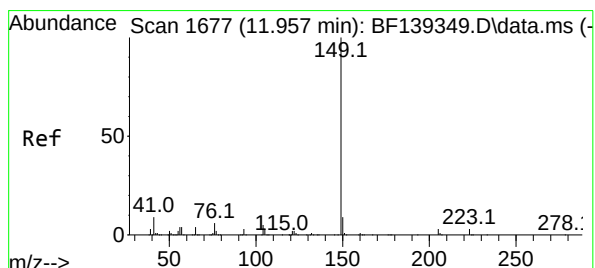
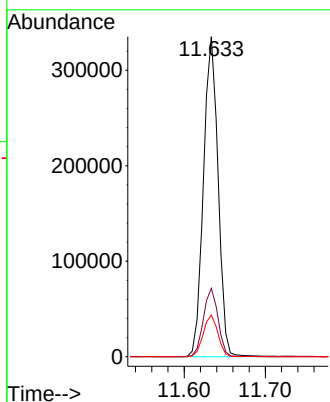
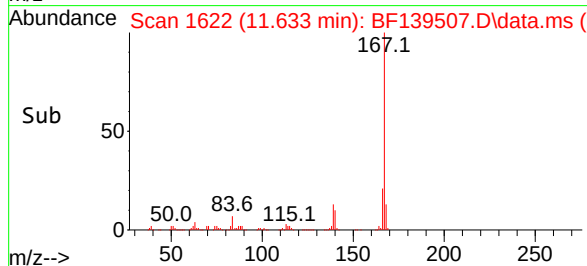
Instrument :
 BNA_F
 ClientSampleId :
 WC-22AMSD



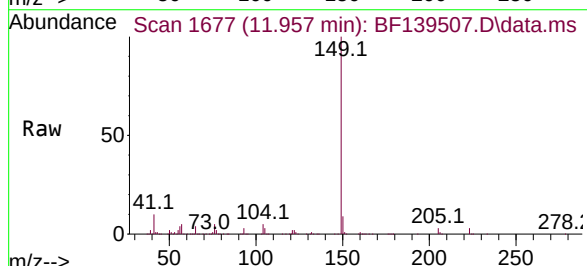
Tgt Ion:167 Resp: 418600
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.5 26.3
 139 13.0 10.9 16.3

Manual Integrations
 APPROVED

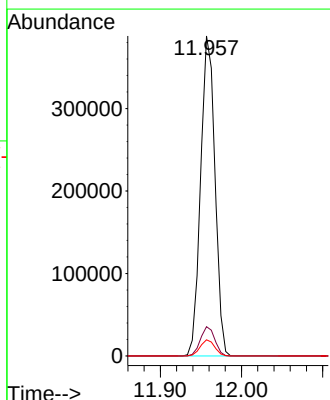
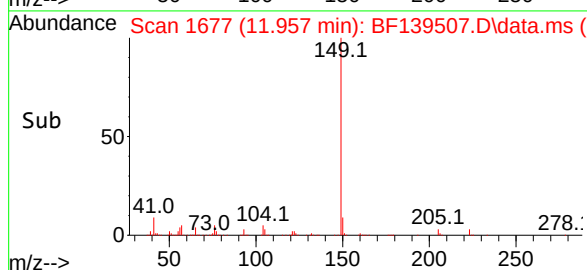
Reviewed By :Yogesh Patel 09/21/2024
 Supervised By :mohammad ahmed 09/22/2024

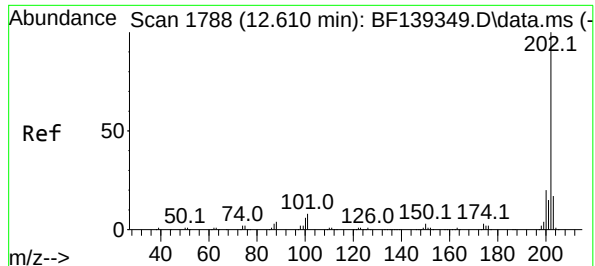


#74
 Di-n-butylphthalate
 Concen: 50.356 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.000 min
 Lab File: BF139507.D
 Acq: 20 Sep 2024 17:52



Tgt Ion:149 Resp: 476319
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 5.1 4.3 6.5





#75

Fluoranthene

Concen: 50.269 ng

RT: 12.616 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-22AMSD

Tgt Ion:202 Resp: 487120

Ion Ratio Lower Upper

202 100

101 8.6 0.0 27.7

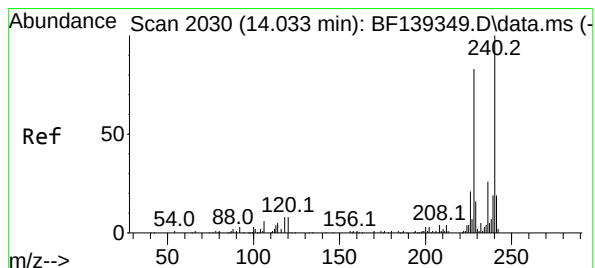
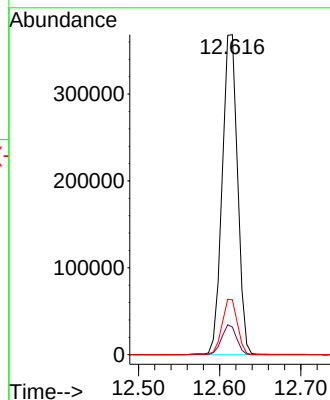
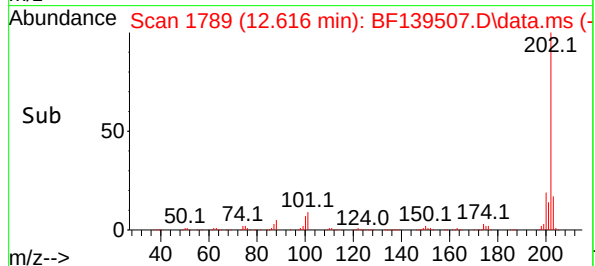
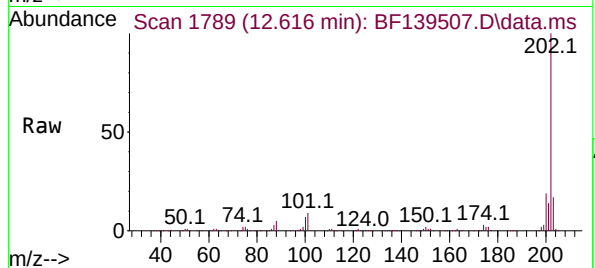
203 17.1 0.0 37.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

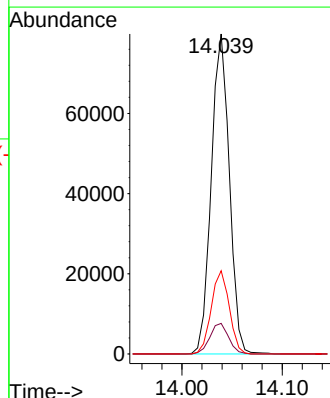
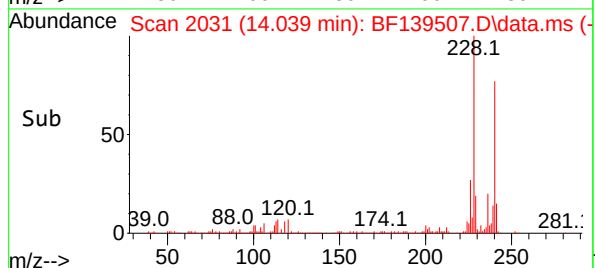
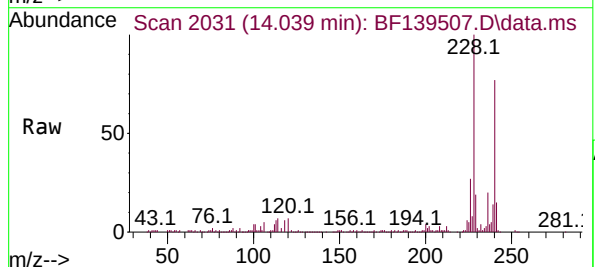
Tgt Ion:240 Resp: 100035

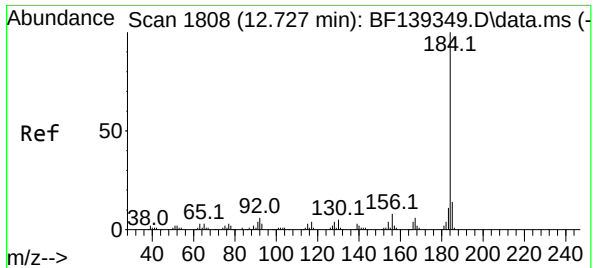
Ion Ratio Lower Upper

240 100

120 9.5 6.2 9.2#

236 26.0 20.9 31.3





#77

Benzidine

Concen: 30.192 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.018 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-22AMSD

Tgt Ion:184 Resp: 4327

Ion Ratio Lower Upper

184 100

185 14.4 11.5 17.3

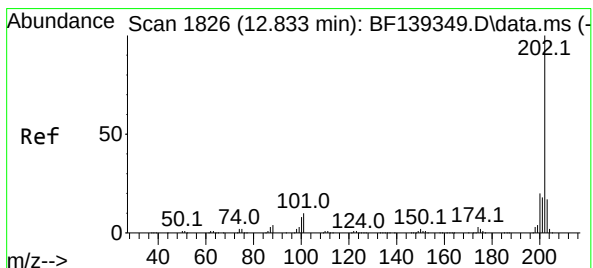
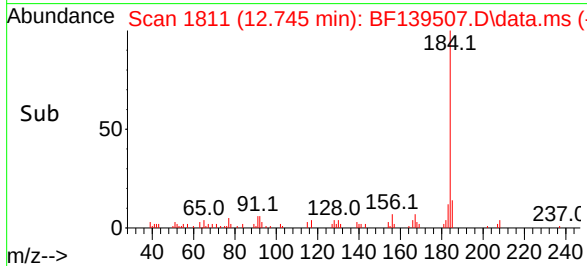
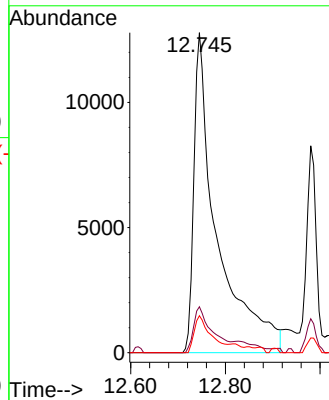
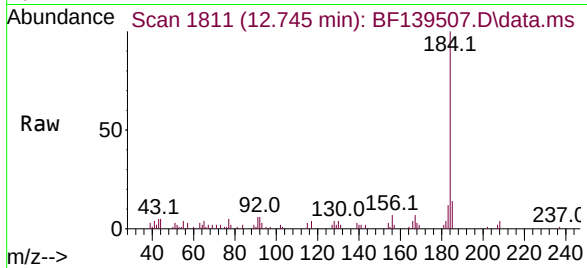
183 11.5 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#78

Pyrene

Concen: 57.105 ng

RT: 12.839 min Scan# 1827

Delta R.T. 0.006 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

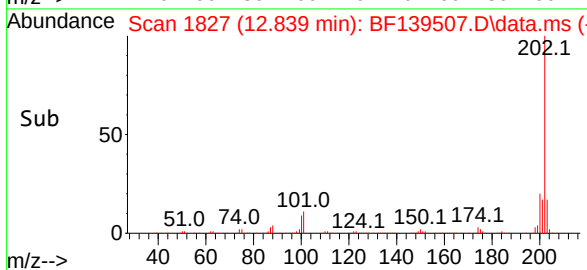
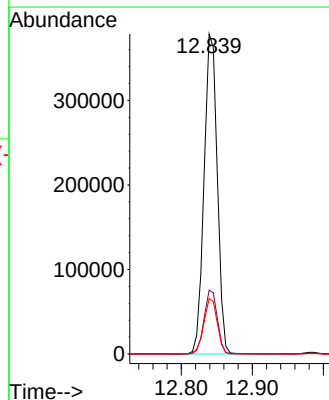
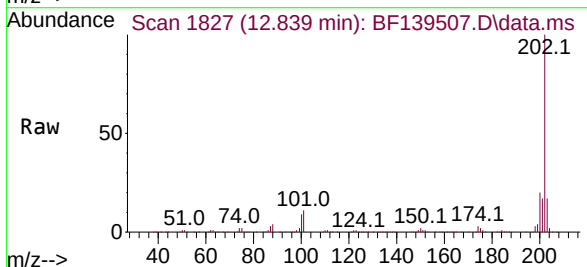
Tgt Ion:202 Resp: 490496

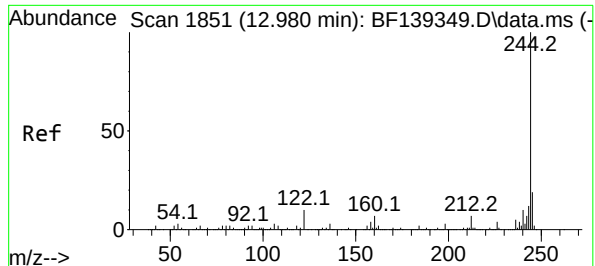
Ion Ratio Lower Upper

202 100

200 20.0 16.2 24.2

203 17.3 13.9 20.9





#79

Terphenyl-d14

Concen: 109.359 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF139507.D

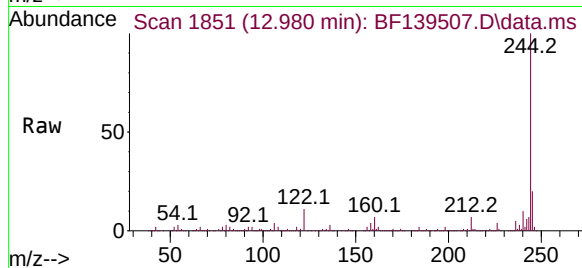
Acq: 20 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-22AMSD



Tgt Ion:244 Resp: 66649

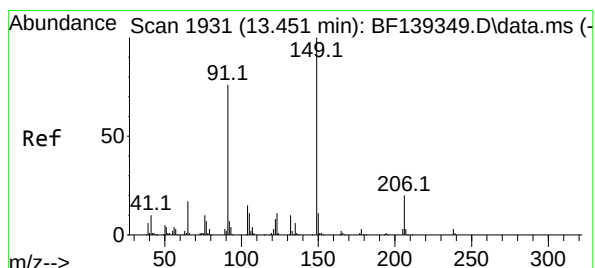
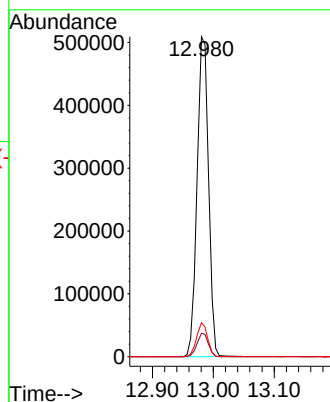
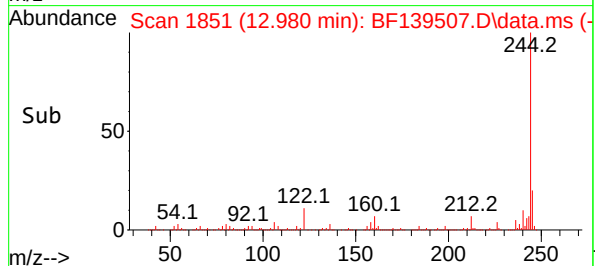
Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	10.6	7.6	11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#80

Butylbenzylphthalate

Concen: 61.177 ng

RT: 13.457 min Scan# 1932

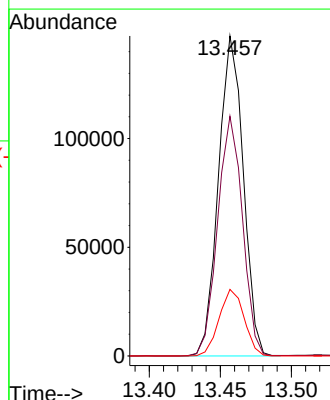
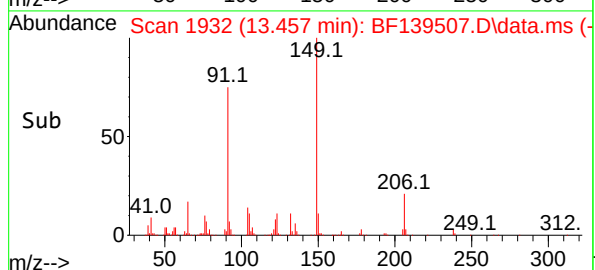
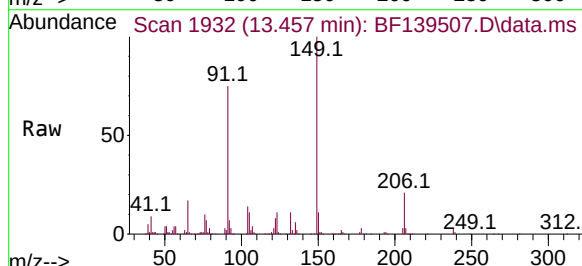
Delta R.T. 0.006 min

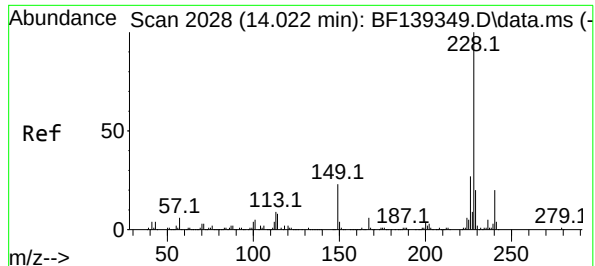
Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

Tgt Ion:149 Resp: 178858

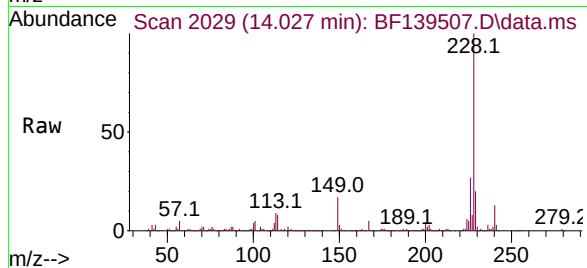
Ion	Ratio	Lower	Upper
149	100		
91	74.9	60.9	91.3
206	20.8	15.8	23.8





#81
Benzo(a)anthracene
Concen: 50.242 ng
RT: 14.027 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

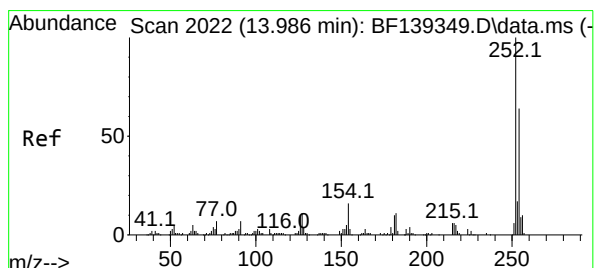
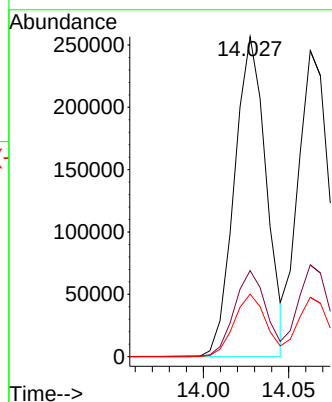
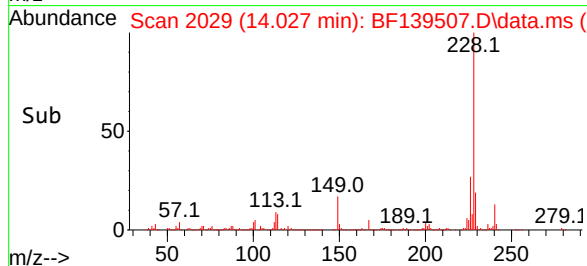
Instrument :
BNA_F
ClientSampleId :
WC-22AMSD



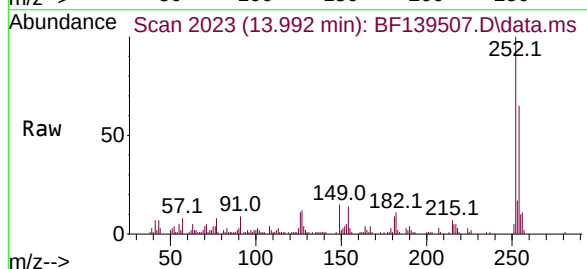
Tgt Ion:228 Resp: 33291
Ion Ratio Lower Upper
228 100
226 26.9 21.6 32.4
229 19.6 15.7 23.5

Manual Integrations
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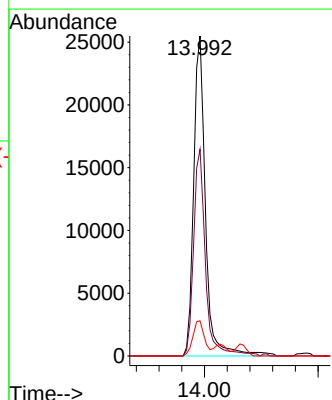
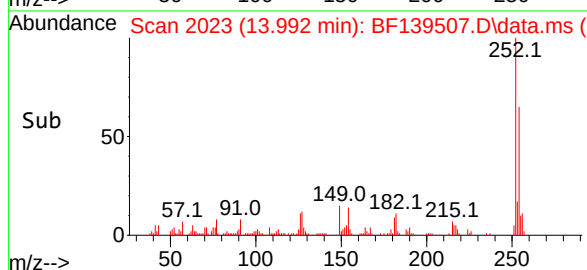
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

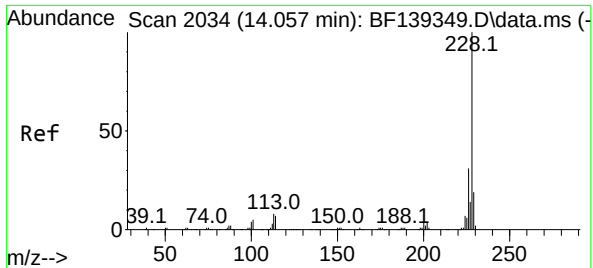


#82
3,3'-Dichlorobenzidine
Concen: 19.072 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52



Tgt Ion:252 Resp: 37010
Ion Ratio Lower Upper
252 100
254 64.6 51.4 77.2
126 11.0 7.7 11.5





#83

Chrysene

Concen: 50.802 ng

RT: 14.063 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF139507.D

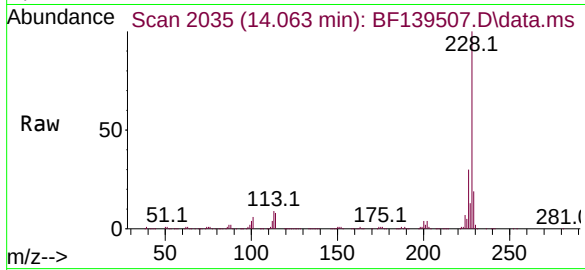
Acq: 20 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-22AMSD



Tgt Ion:228 Resp: 30969

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

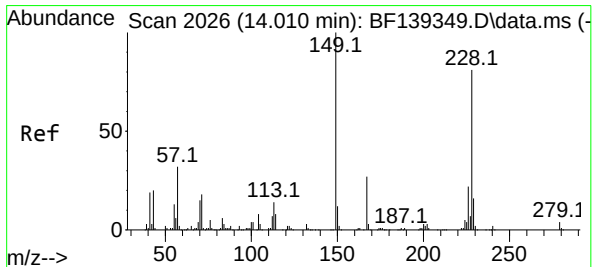
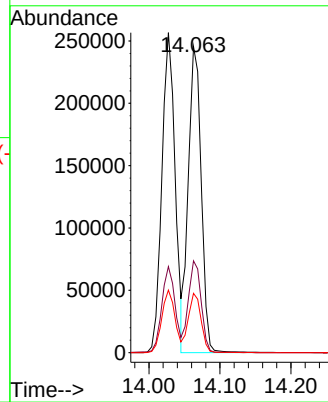
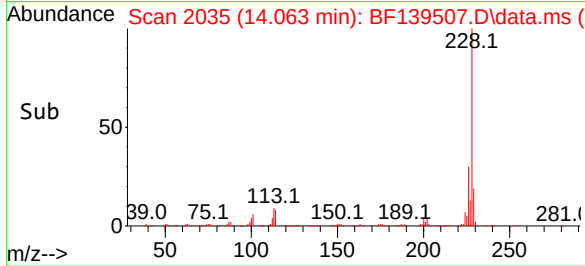
229 19.4 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#84

Bis(2-ethylhexyl)phthalate

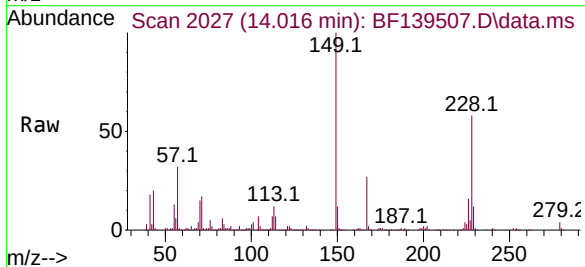
Concen: 56.511 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52



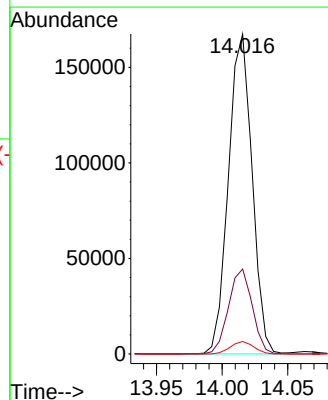
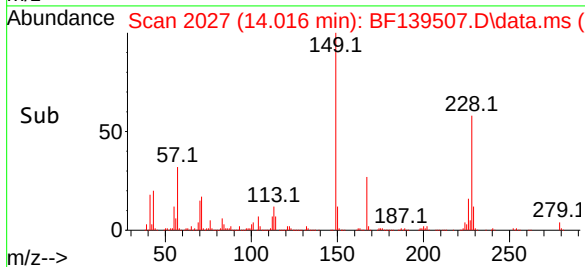
Tgt Ion:149 Resp: 210180

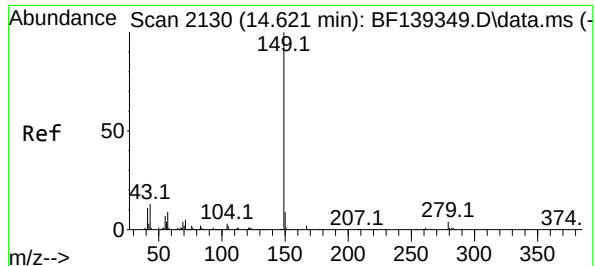
Ion Ratio Lower Upper

149 100

167 26.5 21.6 32.4

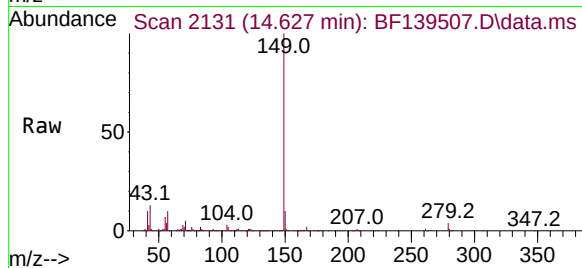
279 3.9 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 53.348 ng
RT: 14.627 min Scan# 2130
Delta R.T. 0.006 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52

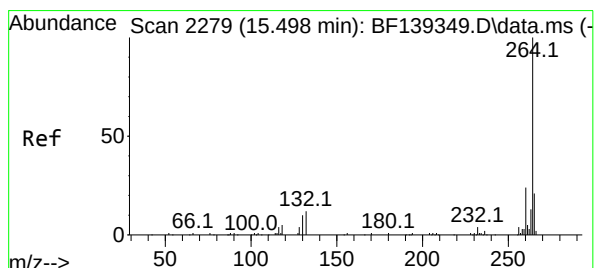
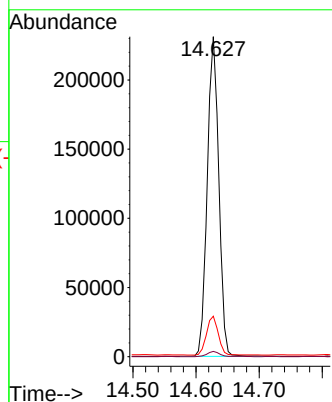
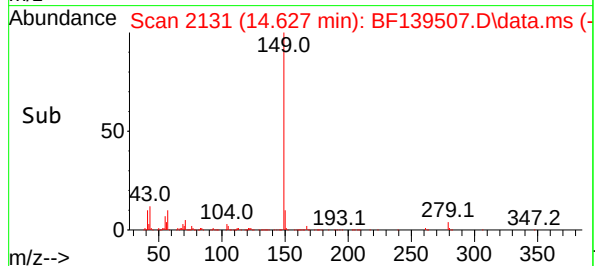
Instrument :
BNA_F
ClientSampleId :
WC-22AMSD



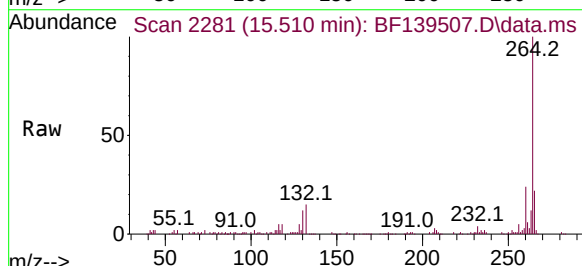
Tgt Ion:149 Resp: 292207
Ion Ratio Lower Upper
149 100
167 1.9 1.2 1.8
43 12.5 10.6 16.0

Manual Integrations
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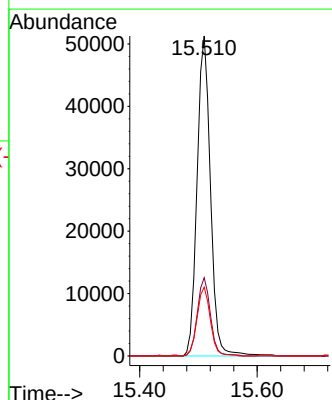
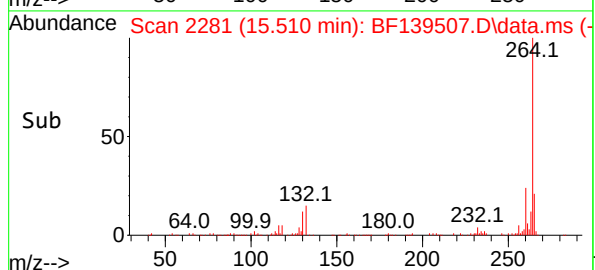
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

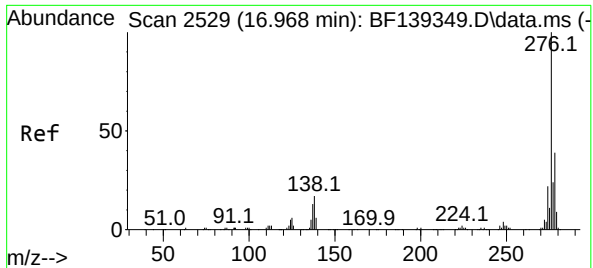


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2281
Delta R.T. 0.012 min
Lab File: BF139507.D
Acq: 20 Sep 2024 17:52



Tgt Ion:264 Resp: 80990
Ion Ratio Lower Upper
264 100
260 24.5 19.5 29.3
265 21.5 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.036 ng

RT: 16.986 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF139507.D

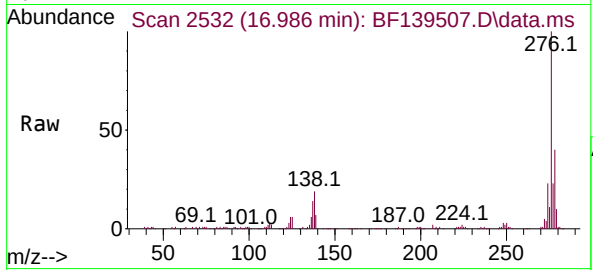
Acq: 20 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-22AMSD



Tgt Ion:276 Resp: 22170

Ion Ratio Lower Upper

276 100

138 22.2 15.4 23.2

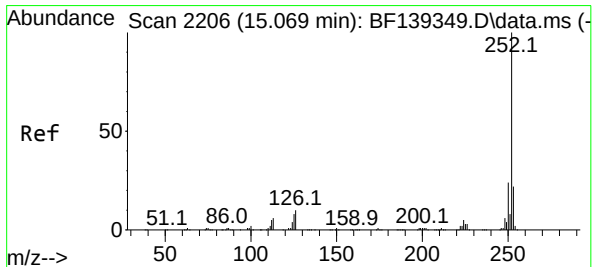
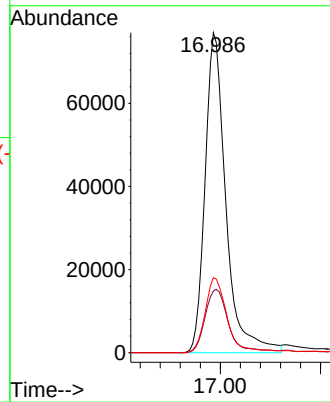
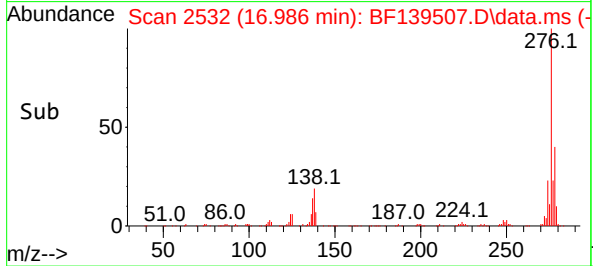
277 25.2 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#88

Benzo(b)fluoranthene

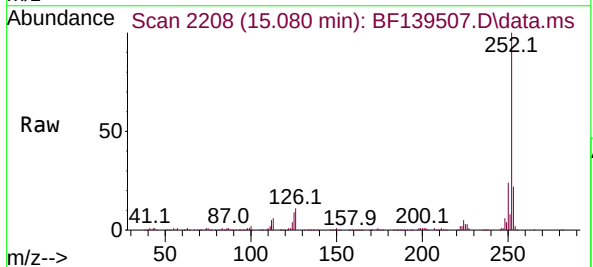
Concen: 48.593 ng

RT: 15.080 min Scan# 2208

Delta R.T. 0.012 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52



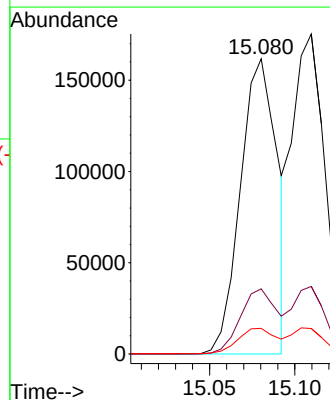
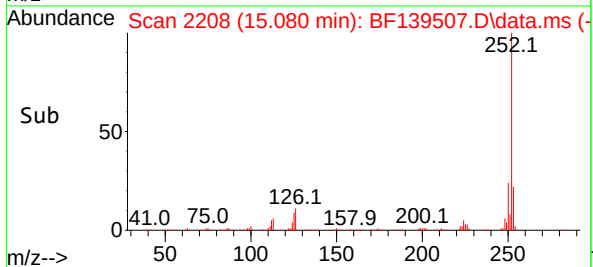
Tgt Ion:252 Resp: 242720

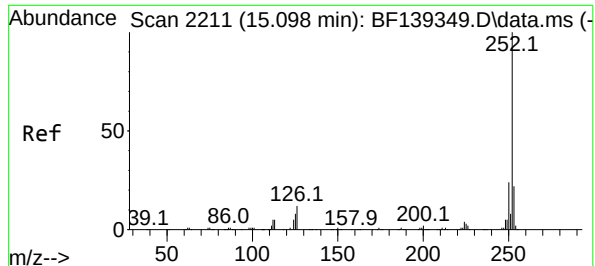
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 8.7 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 51.021 ng

RT: 15.110 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-22AMSD

Tgt Ion:252 Resp: 234970

Ion Ratio Lower Upper

252 100

253 21.1 17.3 25.9

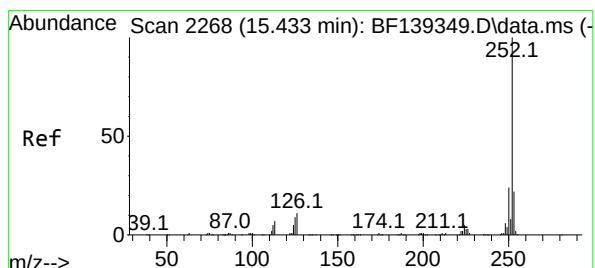
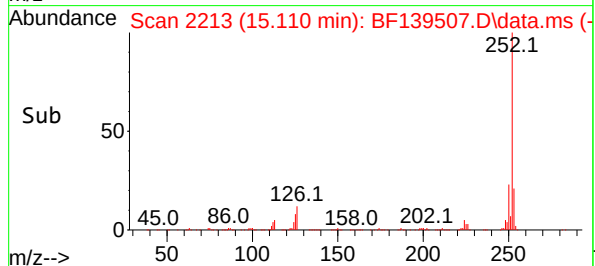
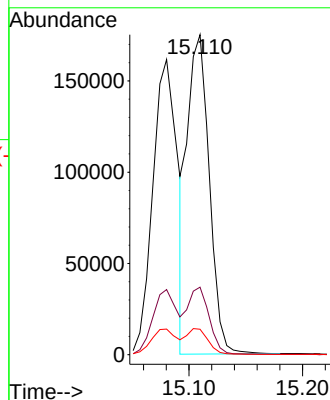
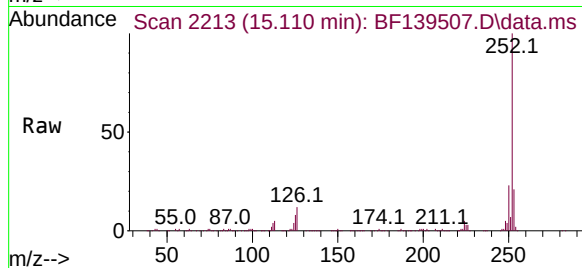
125 8.0 5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#90

Benzo(a)pyrene

Concen: 53.128 ng

RT: 15.445 min Scan# 2270

Delta R.T. 0.012 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

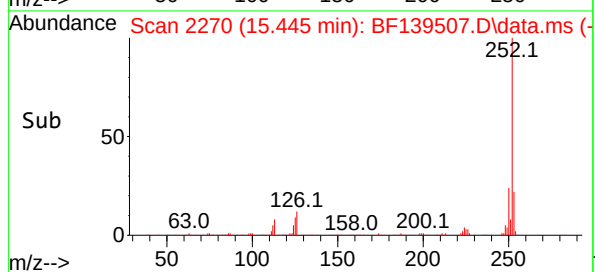
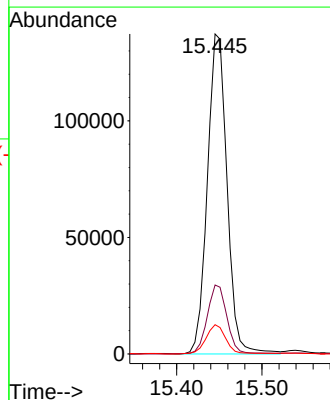
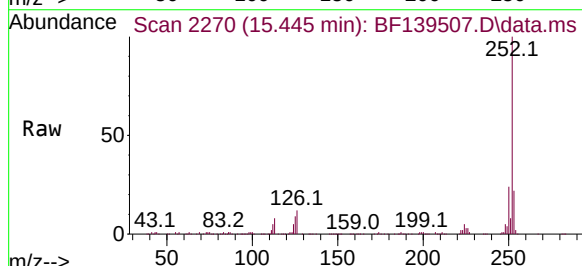
Tgt Ion:252 Resp: 220085

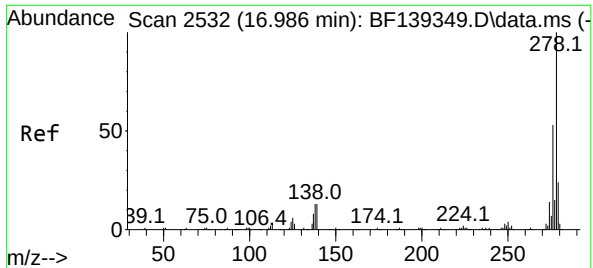
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 9.2 6.8 10.2





#91

Dibenzo(a,h)anthracene

Concen: 46.882 ng

RT: 17.004 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WC-22AMSD

Tgt Ion:278 Resp: 18656

Ion Ratio Lower Upper

278 100

139 14.4 10.2 15.2

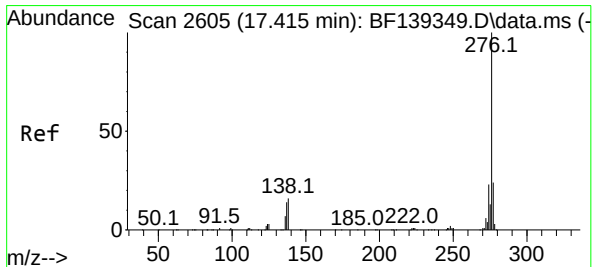
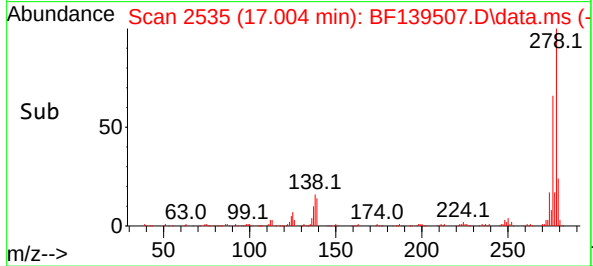
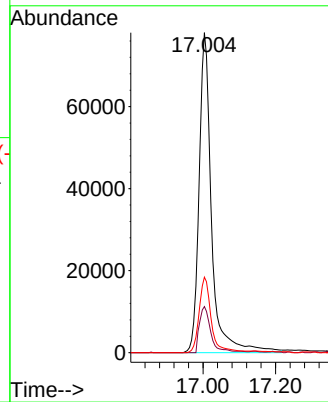
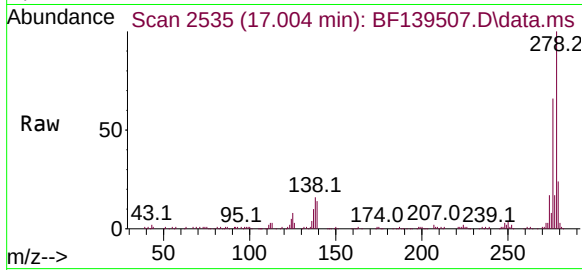
279 23.6 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#92

Benzo(g,h,i)perylene

Concen: 41.562 ng

RT: 17.433 min Scan# 2608

Delta R.T. 0.018 min

Lab File: BF139507.D

Acq: 20 Sep 2024 17:52

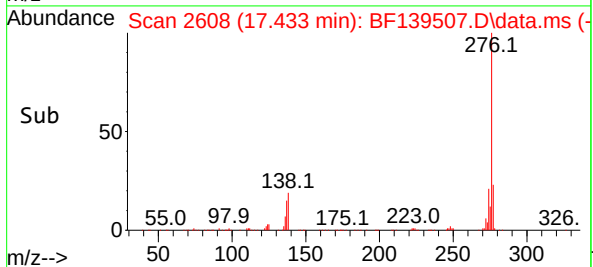
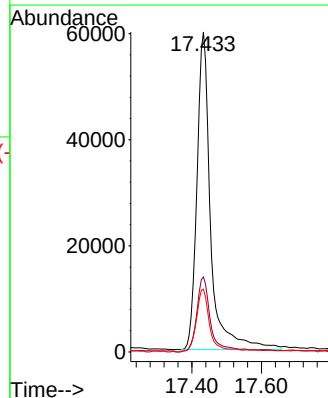
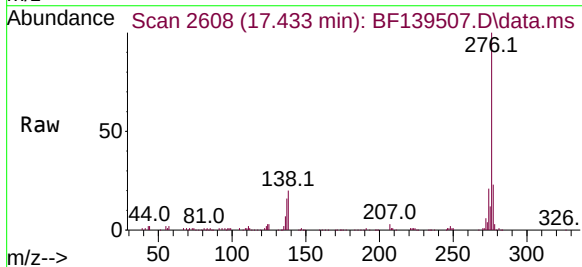
Tgt Ion:276 Resp: 163763

Ion Ratio Lower Upper

276 100

277 23.5 18.9 28.3

138 19.6 13.0 19.6#



Manual Integration Report

Sequence:

BF091324

Instrument

BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICCC040	BF139349.D	Aniline	yogesh	9/16/2024 1:23:42 AM	mohammad	9/16/2024 2:17:37 AM	Peak Integrated by Software
SSTDICCC050	BF139350.D	Aniline	yogesh	9/16/2024 1:23:46 AM	mohammad	9/16/2024 2:17:37 AM	Peak Integrated by Software
SSTDICCC060	BF139351.D	Aniline	yogesh	9/16/2024 1:23:50 AM	mohammad	9/16/2024 2:17:37 AM	Peak Integrated by Software
SSTDICCC060	BF139351.D	Benzoic acid	yogesh	9/16/2024 1:23:50 AM	mohammad	9/16/2024 2:17:37 AM	Peak Integrated by Software
SSTDICCC080	BF139352.D	Benzoic acid	yogesh	9/16/2024 1:23:53 AM	mohammad	9/16/2024 2:17:37 AM	Peak Integrated by Software
SSTDICCC080	BF139352.D	bis(2-Chloroethyl)ether	yogesh	9/16/2024 1:23:53 AM	mohammad	9/16/2024 2:17:37 AM	Peak Integrated by Software

Manual Integration Report

Sequence:	BF092024	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BF139493.D	2,4-Dimethylphenol	Jagrut	9/20/2024 5:53:15 PM	mohammad	9/22/2024 12:56:26 AM	Peak Integrated by Software
P4103-02MS	BF139506.D	2,4-Dimethylphenol	yogesh	9/21/2024 1:59:15 AM	mohammad	9/22/2024 12:56:26 AM	Peak Integrated by Software
P4103-02MS	BF139506.D	Aniline	yogesh	9/21/2024 1:59:15 AM	mohammad	9/22/2024 12:56:26 AM	Peak Integrated by Software
P4103-02MS	BF139506.D	bis(2-Chloroethyl)ether	yogesh	9/21/2024 1:59:15 AM	mohammad	9/22/2024 12:56:26 AM	Peak Integrated by Software
P4103-02MS	BF139506.D	Caprolactam	yogesh	9/21/2024 1:59:15 AM	mohammad	9/22/2024 12:56:26 AM	Peak Integrated by Software
P4103-02MSD	BF139507.D	2,4-Dimethylphenol	yogesh	9/21/2024 1:59:16 AM	mohammad	9/22/2024 12:56:26 AM	Peak Integrated by Software
P4103-02MSD	BF139507.D	Aniline	yogesh	9/21/2024 1:59:16 AM	mohammad	9/22/2024 12:56:26 AM	Peak Integrated by Software
P4103-02MSD	BF139507.D	bis(2-Chloroethyl)ether	yogesh	9/21/2024 1:59:16 AM	mohammad	9/22/2024 12:56:26 AM	Peak Integrated by Software
P4103-02MSD	BF139507.D	Caprolactam	yogesh	9/21/2024 1:59:16 AM	mohammad	9/22/2024 12:56:26 AM	Peak Integrated by Software
P4103-05	BF139508.D	Pentachlorophenol	yogesh	9/21/2024 1:59:18 AM	mohammad	9/22/2024 12:56:26 AM	Peak Integrated by Software

Manual Integration Report

Sequence:	BP091924	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BP021949.D	2,2"-oxybis(1-Chloropropane)	Jagrut	9/20/2024 4:27:04 PM	mohammad	9/22/2024 12:55:27 AM	Peak Integrated by Software
SSTDICC005	BP021949.D	4-Nitroaniline	Jagrut	9/20/2024 4:27:04 PM	mohammad	9/22/2024 12:55:27 AM	Peak Integrated by Software
SSTDICC005	BP021949.D	Benzaldehyde	Jagrut	9/20/2024 4:27:04 PM	mohammad	9/22/2024 12:55:27 AM	Peak Integrated by Software
SSTDICC005	BP021949.D	Benzoic acid	Jagrut	9/20/2024 4:27:04 PM	mohammad	9/22/2024 12:55:27 AM	Peak Integrated by Software
SSTDICC010	BP021950.D	2,2"-oxybis(1-Chloropropane)	Jagrut	9/20/2024 4:27:06 PM	mohammad	9/22/2024 12:55:27 AM	Peak Integrated by Software
SSTDICC010	BP021950.D	Benzoic acid	Jagrut	9/20/2024 4:27:06 PM	mohammad	9/22/2024 12:55:27 AM	Peak Integrated by Software
SSTDICC010	BP021950.D	Caprolactam	Jagrut	9/20/2024 4:27:06 PM	mohammad	9/22/2024 12:55:27 AM	Peak Integrated by Software
SSTDICC020	BP021951.D	2,2"-oxybis(1-Chloropropane)	Jagrut	9/20/2024 4:27:09 PM	mohammad	9/22/2024 12:55:27 AM	Peak Integrated by Software
SSTDICCC040	BP021952.D	Pyridine	Jagrut	9/20/2024 4:27:11 PM	mohammad	9/22/2024 12:55:27 AM	Peak Integrated by Software
SSTDICC050	BP021953.D	Pyridine	Jagrut	9/20/2024 4:27:13 PM	mohammad	9/22/2024 12:55:27 AM	Peak Integrated by Software
SSTDICC060	BP021954.D	2,2"-oxybis(1-Chloropropane)	Jagrut	9/20/2024 4:27:16 PM	mohammad	9/22/2024 12:55:27 AM	Peak Integrated by Software
SSTDICC060	BP021954.D	Pyridine	Jagrut	9/20/2024 4:27:16 PM	mohammad	9/22/2024 12:55:27 AM	Peak Integrated by Software
SSTDICC080	BP021955.D	Caprolactam	Jagrut	9/20/2024 4:27:17 PM	mohammad	9/22/2024 12:55:27 AM	Peak Integrated by Software

Manual Integration Report

Sequence:	BP091924	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC080	BP021955.D	Pyridine	Jagrut	9/20/2024 4:27:17 PM	mohammad	9/22/2024 12:55:27 AM	Peak Integrated by Software
SSTDICV040	BP021956.D	Indeno(1,2,3-cd)pyrene	Jagrut	9/20/2024 4:27:20 PM	mohammad	9/22/2024 12:55:27 AM	Peak Integrated by Software
SSTDICV040	BP021956.D	Pyridine	Jagrut	9/20/2024 4:27:20 PM	mohammad	9/22/2024 12:55:27 AM	Peak Integrated by Software



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

Manual Integration Report

Sequence:

BP092324

Instrument

BNA_p

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF091324

Review By	yogesh	Review On	9/16/2024 1:24:18 AM
Supervise By	mohammad	Supervise On	9/16/2024 2:17:37 AM
SubDirectory	BF091324	HP Acquire Method	BNA_F
		HP Processing Method	bf091324
STD. NAME	STD REF.#		
Tune/Reschk	SP6573		
Initial Calibration Stds	SP6595,SP6594,SP6593,SP6592,SP6591,SP6590,SP6589,SP6588		
CCC	SP6591		
Internal Standard/PEM	S12314,10ul/1000ul sample		
ICV/I.BLK	SP6559		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF139344.D	13 Sep 2024 14:04	RC/JU	Ok
2	SSTDICC2.5	BF139345.D	13 Sep 2024 14:32	RC/JU	Ok
3	SSTDICC005	BF139346.D	13 Sep 2024 15:00	RC/JU	Ok
4	SSTDICC010	BF139347.D	13 Sep 2024 15:28	RC/JU	Ok
5	SSTDICC020	BF139348.D	13 Sep 2024 15:57	RC/JU	Ok
6	SSTDICCC040	BF139349.D	13 Sep 2024 16:53	RC/JU	Ok,M
7	SSTDICC050	BF139350.D	13 Sep 2024 17:51	RC/JU	Ok,M
8	SSTDICC060	BF139351.D	13 Sep 2024 18:48	RC/JU	Ok,M
9	SSTDICC080	BF139352.D	13 Sep 2024 19:44	RC/JU	Ok,M
10	SSTDICV040	BF139353.D	13 Sep 2024 20:41	RC/JU	Ok
11	PB163259BL	BF139354.D	13 Sep 2024 21:09	RC/JU	Ok
12	SP6630	BF139355.D	13 Sep 2024 21:38	RC/JU	Ok,M

M : Manual Integration

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF092024

Review By	yogesh	Review On	9/21/2024 1:59:28 AM
Supervise By	mohammad	Supervise On	9/22/2024 12:56:26 AM
SubDirectory	BF092024	HP Acquire Method	BNA_F
		HP Processing Method	bf091324
STD. NAME	STD REF.#		
Tune/Reschk	SP6573		
Initial Calibration Stds	SP6595,SP6594,SP6593,SP6592,SP6591,SP6590,SP6589,SP6588		
CCC	SP6591		
Internal Standard/PEM	S12316,10ul/1000ul sample		
ICV/I.BLK	SP6559		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF139492.D	20 Sep 2024 09:13	RC/JU	Ok
2	SSTDCCC040	BF139493.D	20 Sep 2024 10:09	RC/JU	Ok,M
3	PB163454BL	BF139494.D	20 Sep 2024 10:40	RC/JU	Ok
4	P4097-02RE	BF139495.D	20 Sep 2024 11:52	RC/JU	Confirms
5	P4088-14RE	BF139496.D	20 Sep 2024 12:21	RC/JU	Confirms
6	P4103-01	BF139497.D	20 Sep 2024 12:50	RC/JU	Ok
7	P4103-04	BF139498.D	20 Sep 2024 13:19	RC/JU	Ok,M
8	P4103-16	BF139499.D	20 Sep 2024 13:48	RC/JU	Ok
9	P4120-13	BF139500.D	20 Sep 2024 14:28	RC/JU	Ok
10	P4126-01	BF139501.D	20 Sep 2024 14:57	RC/JU	Ok,M
11	P4126-01MS	BF139502.D	20 Sep 2024 15:26	RC/JU	Ok,M
12	P4126-01MSD	BF139503.D	20 Sep 2024 15:55	RC/JU	Ok,M
13	P4125-01	BF139504.D	20 Sep 2024 16:24	RC/JU	Ok,M
14	P4103-02	BF139505.D	20 Sep 2024 16:53	RC/JU	Ok
15	P4103-02MS	BF139506.D	20 Sep 2024 17:23	RC/JU	Ok,M
16	P4103-02MSD	BF139507.D	20 Sep 2024 17:52	RC/JU	Ok,M
17	P4103-05	BF139508.D	20 Sep 2024 18:20	RC/JU	Ok,M
18	P4103-08	BF139509.D	20 Sep 2024 18:49	RC/JU	Ok
19	P4103-11	BF139510.D	20 Sep 2024 19:18	RC/JU	Ok
20	P4103-14	BF139511.D	20 Sep 2024 19:47	RC/JU	Ok
21	P4103-17	BF139512.D	20 Sep 2024 20:17	RC/JU	Ok

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF092024

Review By	yogesh	Review On	9/21/2024 1:59:28 AM		
Supervise By	mohammad	Supervise On	9/22/2024 12:56:26 AM		
SubDirectory	BF092024	HP Acquire Method	BNA_F	HP Processing Method	bf091324
STD. NAME	STD REF.#				
Tune/Reschk	SP6573				
Initial Calibration Stds	SP6595,SP6594,SP6593,SP6592,SP6591,SP6590,SP6589,SP6588				
CCC	SP6591				
Internal Standard/PEM	S12316,10ul/1000ul sample				
ICV/I.BLK	SP6559				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

22	P4120-14	BF139513.D	20 Sep 2024 20:45	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_P**

Daily Analysis Runlog For Sequence/QC Batch ID # BP091924

Review By	Jagrut	Review On	9/20/2024 4:27:30 PM
Supervise By	mohammad	Supervise On	9/22/2024 12:55:27 AM
SubDirectory	BP091924	HP Acquire Method	BNA_P
		HP Processing Method	bp091924
STD. NAME	STD REF.#		
Tune/Reschk	SP6573		
Initial Calibration Stds	SP6621,SP6622,SP6623,SP6624,SP6625,SP6626,SP6627,SP6628		
CCC	SP6624		
Internal Standard/PEM	S12315,10ul/1000ul sample		
ICV/I.BLK	SP6559		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP021947.D	19 Sep 2024 12:14	RC/JU	Ok
2	SSTDICC2.5	BP021948.D	19 Sep 2024 12:55	RC/JU	Ok
3	SSTDICC005	BP021949.D	19 Sep 2024 13:36	RC/JU	Ok,M
4	SSTDICC010	BP021950.D	19 Sep 2024 14:17	RC/JU	Ok,M
5	SSTDICC020	BP021951.D	19 Sep 2024 14:58	RC/JU	Ok,M
6	SSTDICCC040	BP021952.D	19 Sep 2024 15:39	RC/JU	Ok,M
7	SSTDICC050	BP021953.D	19 Sep 2024 16:21	RC/JU	Ok,M
8	SSTDICC060	BP021954.D	19 Sep 2024 17:02	RC/JU	Ok,M
9	SSTDICC080	BP021955.D	19 Sep 2024 17:44	RC/JU	Ok,M
10	SSTDICV040	BP021956.D	19 Sep 2024 18:25	RC/JU	Ok,M
11	PB163076BL	BP021957.D	19 Sep 2024 19:06	RC/JU	Not Ok

M : Manual Integration

Instrument ID: **BNA_P**

Daily Analysis Runlog For Sequence/QC Batch ID # BP092324

Review By		Review On	
Supervise By		Supervise On	
SubDirectory	BP092324	HP Acquire Method	HP Processing Method
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds			
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP021974.D	23 Sep 2024 08:59	RC/JU	Ok
2	SSTDCCC040	BP021975.D	23 Sep 2024 09:39	RC/JU	Ok,NR
3	PB163138BL	BP021976.D	23 Sep 2024 10:29	RC/JU	Ok
4	PB163139BL	BP021977.D	23 Sep 2024 11:09	RC/JU	Not Ok
5	P2403-03	BP021978.D	23 Sep 2024 11:50	RC/JU	Ok,NR
6	P2403-03	BP021979.D	23 Sep 2024 12:30	RC/JU	Ok,NR
7	P2403-09	BP021980.D	23 Sep 2024 13:11	RC/JU	Ok,NR
8	P2403-09	BP021981.D	23 Sep 2024 13:51	RC/JU	Ok,NR
9	PB163139BL	BP021982.D	23 Sep 2024 14:32	RC/JU	Ok
10	PB163571BL	BP021983.D	23 Sep 2024 15:28	RC/JU	Ok
11	PB163571BS	BP021984.D	23 Sep 2024 16:09	RC/JU	Ok,NR
12	PB163511TB	BP021985.D	23 Sep 2024 16:49	RC/JU	Ok
13	PB163555BL	BP021986.D	23 Sep 2024 17:30	RC/JU	Not Ok
14	PB163555BS	BP021987.D	23 Sep 2024 18:11	RC/JU	Ok,NR
15	SSTDCCC040	BP021988.D	23 Sep 2024 18:52	RC/JU	Ok,NR

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF091324

Review By	yogesh	Review On	9/16/2024 1:24:18 AM
Supervise By	mohammad	Supervise On	9/16/2024 2:17:37 AM
SubDirectory	BF091324	HP Acquire Method	BNA_F
		HP Processing Method	bf091324

STD. NAME	STD REF.#
Tune/Reschk	SP6573
Initial Calibration Stds	SP6595,SP6594,SP6593,SP6592,SP6591,SP6590,SP6589,SP6588
CCC	SP6591
Internal Standard/PEM	S12314,10ul/1000ul sample
ICV/I.BLK	SP6559
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF139344.D	13 Sep 2024 14:04		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF139345.D	13 Sep 2024 14:32		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF139346.D	13 Sep 2024 15:00	Compound #54 removed from 5ppm	RC/JU	Ok
4	SSTDICC010	SSTDICC010	BF139347.D	13 Sep 2024 15:28		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BF139348.D	13 Sep 2024 15:57	Calibration Failed for Com#77(Benzidine) in both 8270 DOD and NON-DOD	RC/JU	Ok
6	SSTDICCC040	SSTDICCC040	BF139349.D	13 Sep 2024 16:53	The Calibration is Good For 8270 DOD Except com#77 and good for 625.1 Method Except com#77	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BF139350.D	13 Sep 2024 17:51	Calibration is Passing for 625.1 Method for all Compounds Except com#77	RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BF139351.D	13 Sep 2024 18:48		RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BF139352.D	13 Sep 2024 19:44	Compound #6,9 removed from 80ppm	RC/JU	Ok,M
10	SSTDICV040	ICVBF091324	BF139353.D	13 Sep 2024 20:41	Com#77 is failing in ICV for Both 8270 DOD and NON-DOD	RC/JU	Ok
11	PB163259BL	PB163259BL	BF139354.D	13 Sep 2024 21:09		RC/JU	Ok
12	SP6630	SP6630	BF139355.D	13 Sep 2024 21:38	8270 SPIKE	RC/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF092024

Review By	yogesh	Review On	9/21/2024 1:59:28 AM
Supervise By	mohammad	Supervise On	9/22/2024 12:56:26 AM
SubDirectory	BF092024	HP Acquire Method	BNA_F
		HP Processing Method	bf091324

STD. NAME	STD REF.#
Tune/Reschk	SP6573
Initial Calibration Stds	SP6595,SP6594,SP6593,SP6592,SP6591,SP6590,SP6589,SP6588
CCC	SP6591
Internal Standard/PEM	S12316,10ul/1000ul sample
ICV/I.BLK	SP6559
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF139492.D	20 Sep 2024 09:13		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF139493.D	20 Sep 2024 10:09		RC/JU	Ok,M
3	PB163454BL	PB163454BL	BF139494.D	20 Sep 2024 10:40		RC/JU	Ok
4	P4097-02RE	RT2299RE	BF139495.D	20 Sep 2024 11:52	Internal standard and surrogate fail	RC/JU	Confirms
5	P4088-14RE	NB-614-COMP-09RE	BF139496.D	20 Sep 2024 12:21	Internal standard and surrogate fail	RC/JU	Confirms
6	P4103-01	WC-22A	BF139497.D	20 Sep 2024 12:50		RC/JU	Ok
7	P4103-04	WC-14-5-7.5A	BF139498.D	20 Sep 2024 13:19		RC/JU	Ok,M
8	P4103-16	WC-23	BF139499.D	20 Sep 2024 13:48		RC/JU	Ok
9	P4120-13	RB24085	BF139500.D	20 Sep 2024 14:28		RC/JU	Ok
10	P4126-01	NB-08-09192024	BF139501.D	20 Sep 2024 14:57		RC/JU	Ok,M
11	P4126-01MS	NB-08-09192024MS	BF139502.D	20 Sep 2024 15:26		RC/JU	Ok,M
12	P4126-01MSD	NB-08-09192024MSD	BF139503.D	20 Sep 2024 15:55		RC/JU	Ok,M
13	P4125-01	PL-01-09192024	BF139504.D	20 Sep 2024 16:24		RC/JU	Ok,M
14	P4103-02	WC-22A	BF139505.D	20 Sep 2024 16:53		RC/JU	Ok
15	P4103-02MS	WC-22AMS	BF139506.D	20 Sep 2024 17:23		RC/JU	Ok,M
16	P4103-02MSD	WC-22AMSD	BF139507.D	20 Sep 2024 17:52		RC/JU	Ok,M
17	P4103-05	WC-14-5-7.5A	BF139508.D	20 Sep 2024 18:20		RC/JU	Ok,M

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF092024

Review By	yogesh	Review On	9/21/2024 1:59:28 AM		
Supervise By	mohammad	Supervise On	9/22/2024 12:56:26 AM		
SubDirectory	BF092024	HP Acquire Method	BNA_F	HP Processing Method	bf091324
STD. NAME	STD REF.#				
Tune/Reschk	SP6573				
Initial Calibration Stds	SP6595,SP6594,SP6593,SP6592,SP6591,SP6590,SP6589,SP6588				
CCC	SP6591				
Internal Standard/PEM	S12316,10ul/1000ul sample				
ICV/I.BLK	SP6559				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

18	P4103-08	WC-14-5-7.5B	BF139509.D	20 Sep 2024 18:49		RC/JU	Ok
19	P4103-11	WC-14-7.5-10A	BF139510.D	20 Sep 2024 19:18		RC/JU	Ok
20	P4103-14	WC-14-7.5-10B	BF139511.D	20 Sep 2024 19:47		RC/JU	Ok
21	P4103-17	WC-23	BF139512.D	20 Sep 2024 20:17		RC/JU	Ok
22	P4120-14	RB24085	BF139513.D	20 Sep 2024 20:45		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP091924

Review By	Jagrut	Review On	9/20/2024 4:27:30 PM
Supervise By	mohammad	Supervise On	9/22/2024 12:55:27 AM
SubDirectory	BP091924	HP Acquire Method	BNA_P
		HP Processing Method	bp091924

STD. NAME	STD REF.#
Tune/Reschk	SP6573
Initial Calibration Stds	SP6621,SP6622,SP6623,SP6624,SP6625,SP6626,SP6627,SP6628
CCC	SP6624
Internal Standard/PEM	S12315,10ul/1000ul sample
ICV/I.BLK	SP6559
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP021947.D	19 Sep 2024 12:14		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP021948.D	19 Sep 2024 12:55		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BP021949.D	19 Sep 2024 13:36		RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BP021950.D	19 Sep 2024 14:17		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BP021951.D	19 Sep 2024 14:58	Compound #77 failed in the calibration for both 8270E DOD and NON-DOD.	RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP021952.D	19 Sep 2024 15:39	The Calibration is Good For 8270 DOD Except Com#77 and Will Not be used for 625.1 Method	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BP021953.D	19 Sep 2024 16:21		RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BP021954.D	19 Sep 2024 17:02		RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BP021955.D	19 Sep 2024 17:44		RC/JU	Ok,M
10	SSTDICV040	ICVBP091924	BP021956.D	19 Sep 2024 18:25	Com#77 failed in ICV for Both DOD and NON-DOD	RC/JU	Ok,M
11	PB163076BL	PB163076BL	BP021957.D	19 Sep 2024 19:06	Surrogate Fail,Analyzed for contamination check	RC/JU	Not Ok

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP092324

Review By	Review On
Supervise By	Supervise On
SubDirectory BP092324	HP Acquire Method HP Processing Method
STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP021974.D	23 Sep 2024 08:59		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP021975.D	23 Sep 2024 09:39		RC/JU	Ok,NR
3	PB163138BL	PB163138BL	BP021976.D	23 Sep 2024 10:29		RC/JU	Ok
4	PB163139BL	PB163139BL	BP021977.D	23 Sep 2024 11:09	Internal Standard Fail	RC/JU	Not Ok
5	P2403-03	MDL-SOIL-03-QT2-202	BP021978.D	23 Sep 2024 11:50	MDL-SOIL-4 ppm	RC/JU	Ok,NR
6	P2403-03	MDL-SOIL-03-QT2-202	BP021979.D	23 Sep 2024 12:30	MDL-SOIL-8 ppm	RC/JU	Ok,NR
7	P2403-09	MDL-WATER-03-QT2-2	BP021980.D	23 Sep 2024 13:11	MDL-WATER-4 ppm	RC/JU	Ok,NR
8	P2403-09	MDL-WATER-03-QT2-2	BP021981.D	23 Sep 2024 13:51	MDL-WATER-8 ppm	RC/JU	Ok,NR
9	PB163139BL	PB163139BL	BP021982.D	23 Sep 2024 14:32		RC/JU	Ok
10	PB163571BL	PB163571BL	BP021983.D	23 Sep 2024 15:28		RC/JU	Ok
11	PB163571BS	PB163571BS	BP021984.D	23 Sep 2024 16:09		RC/JU	Ok,NR
12	PB163511TB	PB163511TB	BP021985.D	23 Sep 2024 16:49		RC/JU	Ok
13	PB163555BL	PB163555BL	BP021986.D	23 Sep 2024 17:30	Internal Standard Fail	RC/JU	Not Ok
14	PB163555BS	PB163555BS	BP021987.D	23 Sep 2024 18:11	Indeno(1,2,3-cd)pyrene high	RC/JU	Ok,NR
15	SSTDCCC040	SSTDCCC040EC	BP021988.D	23 Sep 2024 18:52		RC/JU	Ok,NR

M : Manual Integration

SOP ID : M1311-TCLP-14

SDG No : N/A

Weigh By : JP

Balance ID : WC SC-4

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pipette ID : WC

Tumbler ID : T-1 / T-2

TCLP Filter ID : 114771

Start Prep Date : 09/19/2024 **Time :** 17:00

End Prep Date : 09/20/2024 **Time :** 10:15

Combination Ratio : 20

ZHE Cleaning Batch : N/A

Initial Room Temperature: 24 °C

Final Room Temperature: 22 °C

TCLP Technician Signature : *JP*

Supervisor By : *12*

Standardized Name	MLS USED	STD REF. # FROM LOG
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

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP108622
HCL-TCLP,1N	N/A	WP108584
HNO3-TCLP,1N	N/A	WP108585
pH Strips	N/A	W1931,W1934,W2350,W2755
pH Strips	N/A	W1937,W1938,W1939,W1940,W1941,W1942
1 Liter Amber	N/A	23091
120ml Plastic bottle	N/A	21029
1:1 HNO3	MP81119	N/A

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after filtration and before preservation. TUMBLER T-1 /T-2 checked,30 rpm. p4123-01 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
09/20/24 11:00	<i>JP</i> ICC2R Room	<i>JP</i> 15x1
	Preparation Group TCLP	Analysis Group <i>1 net p. 14</i>

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
P4099-01	GAS-TRANSMISSION-DEBRIS	01	100.02	2000	N/A	N/A	N/A	7.2	1.5	T-1
P4103-02	WC-22A	02	100.02	2000	N/A	N/A	N/A	5.8	1.0	T-1
P4103-05	WC-14-5-7.5A	03	100.02	2000	N/A	N/A	N/A	8.2	1.5	T-1
P4103-08	WC-14-5-7.5B	04	100.03	2000	N/A	N/A	N/A	7.6	1.0	T-1
P4103-11	WC-14-7.5-10A	05	100.02	2000	N/A	N/A	N/A	5.8	1.5	T-1
P4103-14	WC-14-7.5-10B	06	100.04	2000	N/A	N/A	N/A	5.6	1.0	T-1
P4103-17	WC-23	07	100.02	2000	N/A	N/A	N/A	5.8	1.5	T-1
P4120-02	T1	08	100.02	2000	N/A	N/A	N/A	11.0	1.0	T-1
P4120-04	T2	09	100.01	2000	N/A	N/A	N/A	11.0	1.0	T-1
P4120-06	SF-6-A	10	100.03	2000	N/A	N/A	N/A	10.5	1.5	T-1
P4120-08	SF-6-B	11	100.04	2000	N/A	N/A	N/A	10.5	1.5	T-2
P4120-10	COMP-1	12	100.03	2000	N/A	N/A	N/A	10.5	1.0	T-2
P4120-12	COMP-2	13	100.02	2000	N/A	N/A	N/A	11.0	1.5	T-2
P4120-14	RB24085	14	100.02	2000	N/A	N/A	N/A	6.0	1.0	T-2
P4121-01	COMP-1	15	100.02	2000	N/A	N/A	N/A	4.5	1.5	T-2
P4121-02	COMP-2	16	100.03	2000	N/A	N/A	N/A	5.0	1.0	T-2
P4123-01	910-B	17	100.02	2000	N/A	N/A	N/A	5.5	1.5	T-2
PB163511TB	LEB511	18	N/A	2000	N/A	N/A	N/A	4.94	1.0	T-2

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
P4099-01	GAS-TRANSMISSION-DEBRIS	N/A	N/A	N/A	N/A	100	N/A
P4103-02	WC-22A	N/A	N/A	N/A	N/A	100	N/A
P4103-05	WC-14-5-7.5A	N/A	N/A	N/A	N/A	100	N/A
P4103-08	WC-14-5-7.5B	N/A	N/A	N/A	N/A	100	N/A
P4103-11	WC-14-7.5-10A	N/A	N/A	N/A	N/A	100	N/A
P4103-14	WC-14-7.5-10B	N/A	N/A	N/A	N/A	100	N/A
P4103-17	WC-23	N/A	N/A	N/A	N/A	100	N/A
P4120-02	T1	N/A	N/A	N/A	N/A	100	N/A
P4120-04	T2	N/A	N/A	N/A	N/A	100	N/A
P4120-06	SF-6-A	N/A	N/A	N/A	N/A	100	N/A
P4120-08	SF-6-B	N/A	N/A	N/A	N/A	100	N/A
P4120-10	COMP-1	N/A	N/A	N/A	N/A	100	N/A
P4120-12	COMP-2	N/A	N/A	N/A	N/A	100	N/A
P4120-14	RB24085	N/A	N/A	N/A	N/A	100	N/A
P4121-01	COMP-1	N/A	N/A	N/A	N/A	100	N/A
P4121-02	COMP-2	N/A	N/A	N/A	N/A	100	N/A
P4123-01	910-B	N/A	N/A	N/A	N/A	100	N/A
PB163511TB	LEB511	N/A	N/A	N/A	N/A	N/A	N/A

Hot Block ID : WC S-1 /WC S-2
Thermometer ID : FLASHPOINT

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
P4099-01	GAS-TRANSMISSION-DEBRIS	5.02	96.5	9.0	3.5	#1	4.94
P4103-02	WC-22A	5.03	96.5	7.2	2.5	#1	4.94
P4103-05	WC-14-5-7.5A	5.02	96.5	10.0	4.0	#1	4.94
P4103-08	WC-14-5-7.5B	5.03	96.5	9.3	3.5	#1	4.94
P4103-11	WC-14-7.5-10A	5.02	96.5	7.4	2.5	#1	4.94
P4103-14	WC-14-7.5-10B	5.01	96.5	8.0	3.0	#1	4.94
P4103-17	WC-23	5.02	96.5	8.4	3.5	#1	4.94
P4120-02	T1	5.03	96.5	11.5	4.5	#1	4.94
P4120-04	T2	5.04	96.5	11.5	4.5	#1	4.94
P4120-06	SF-6-A	5.03	96.5	11.0	4.0	#1	4.94
P4120-08	SF-6-B	5.02	96.5	11.0	4.5	#1	4.94
P4120-10	COMP-1	5.03	96.5	11.0	4.5	#1	4.94
P4120-12	COMP-2	5.02	96.5	11.5	4.5	#1	4.94
P4120-14	RB24085	5.02	96.5	8.6	3.5	#1	4.94
P4121-01	COMP-1	5.02	96.5	6.2	2.0	#1	4.94
P4121-02	COMP-2	5.02	96.5	7.2	2.5	#1	4.94
P4123-01	910-B	5.02	96.5	7.6	2.5	#1	4.94
PB163511TB	LEB511	N/A	N/A	N/A	N/A	#1	4.94

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TCLP P4103 WorkList ID : 183644 Department : TCLP Extraction Date : 09-19-2024 11:38:15

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4099-01	GAS-TRANSMISSION-DEBRIS	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	H53	09/18/2024	1311
P4103-02	WC-22A	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	J11	09/17/2024	1311
P4103-05	WC-14-5-7.5A	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	J11	09/17/2024	1311
P4103-08	WC-14-5-7.5B	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	J11	09/17/2024	1311
P4103-11	WC-14-7.5-10A	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	J11	09/17/2024	1311
P4103-14	WC-14-7.5-10B	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	J11	09/17/2024	1311
P4103-17	WC-23	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	J11	09/17/2024	1311
P4120-02	T1	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	J13	09/19/2024	1311
P4120-04	T2	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	J13	09/19/2024	1311
P4120-06	SF-6-A	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	J13	09/19/2024	1311
P4120-08	SF-6-B	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	J13	09/19/2024	1311
P4120-10	COMP-1	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	J13	09/19/2024	1311
P4120-12	COMP-2	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	J13	09/19/2024	1311
P4120-14	RB24085	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	J13	09/19/2024	1311
P4121-01	COMP-1	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	J13	09/19/2024	1311
P4121-02	COMP-2	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	J13	09/19/2024	1311
P4123-01	910-B	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	J21	09/19/2024	1311

Date/Time 09/19/24 16:15
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: [Signature]

Date/Time 09-19-24
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: [Signature]

SOP ID:	M3510C,3580A-Extraction SVOC-20		
Clean Up SOP #:	N/A	Extraction Start Date :	09/20/2024
Matrix :	Water	Extraction Start Time :	11:30
Weigh By:	N/A	Extraction By:	RJ
Balance check:	RJ	Filter By:	RS
Balance ID:	EX-SC-2	Extraction End Date :	09/20/2024
pH Strip Lot#:	E3574	Extraction End Time :	16:25
		Concentration By:	EH
		Supervisor By :	rajesh
Extraction Method:	☒ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet		

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6604
Surrogate	1.0ML	100/150 PPM	SP6524
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
Methylene Chloride	N/A	E3794
Baked Na2SO4	N/A	EP2540
10N NaOH	N/A	EP2523
H2SO4 1:1	N/A	EP2524
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 # 2210673. pH Adjusted<2 with 1:1 H2SO4 &>11 with 10 N NaOH.

KD Bath ID:	Water bath -01,02	Envap ID:	NE VAP-02
KD Bath Temperature:	60 °C	Envap Temperature:	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
09/20/24	RJ (Ext. 204)	RJ/SVOC
16:30	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction SVOC-20

Concentration Date: 09/19/2024

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB163511TB	PB163511TB	TCLP BNA	100	6	RUPESH	ritesh	1			SEP-01
PB163571BL	PB163571BL	TCLP BNA	1000	6	RUPESH	ritesh	1			2
PB163571BS	PB163571BS	TCLP BNA	1000	6	RUPESH	ritesh	1			3
P4103-02	WC-22A	TCLP BNA	100	6	RUPESH	ritesh	1	A		4
P4103-02MS	WC-22AMS	TCLP BNA	100	6	RUPESH	ritesh	1	A		5
P4103-02MS D	WC-22AMSD	TCLP BNA	100	6	RUPESH	ritesh	1	A		6
P4103-05	WC-14-5-7.5A	TCLP BNA	100	6	RUPESH	ritesh	1	A		7
P4103-08	WC-14-5-7.5B	TCLP BNA	100	6	RUPESH	ritesh	1	A		8
P4103-11	WC-14-7.5-10A	TCLP BNA	100	6	RUPESH	ritesh	1	A		9
P4103-14	WC-14-7.5-10B	TCLP BNA	100	6	RUPESH	ritesh	1	A		10
P4103-17	WC-23	TCLP BNA	100	6	RUPESH	ritesh	1	A		11
P4120-14	RB24085	TCLP BNA	100	6	RUPESH	ritesh	1	A		12

* Extracts relinquished on the same date as received.


9/20/24

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
P4099-01	GAS-TRANSMISSION-DEBRIS	01	100.02	2000	N/A	N/A	N/A	7.2	1.5	T-1
P4103-02	WC-22A	02	100.02	2000	N/A	N/A	N/A	5.8	1.0	T-1
P4103-05	WC-14-5-7.5A	03	100.02	2000	N/A	N/A	N/A	8.2	1.5	T-1
P4103-08	WC-14-5-7.5B	04	100.03	2000	N/A	N/A	N/A	7.6	1.0	T-1
P4103-11	WC-14-7.5-10A	05	100.02	2000	N/A	N/A	N/A	5.8	1.5	T-1
P4103-14	WC-14-7.5-10B	06	100.04	2000	N/A	N/A	N/A	5.6	1.0	T-1
P4103-17	WC-23	07	100.02	2000	N/A	N/A	N/A	5.8	1.5	T-1
P4120-02	T1	08	100.02	2000	N/A	N/A	N/A	11.0	1.0	T-1
P4120-04	T2	09	100.01	2000	N/A	N/A	N/A	11.0	1.0	T-1
P4120-06	SF-6-A	10	100.03	2000	N/A	N/A	N/A	10.5	1.5	T-1
P4120-08	SF-6-B	11	100.04	2000	N/A	N/A	N/A	10.5	1.5	T-2
P4120-10	COMP-1	12	100.03	2000	N/A	N/A	N/A	10.5	1.0	T-2
P4120-12	COMP-2	13	100.02	2000	N/A	N/A	N/A	11.0	1.5	T-2
P4120-14	RB24085	14	100.02	2000	N/A	N/A	N/A	6.0	1.0	T-2
P4121-01	COMP-1	15	100.02	2000	N/A	N/A	N/A	4.5	1.5	T-2
P4121-02	COMP-2	16	100.03	2000	N/A	N/A	N/A	5.0	1.0	T-2
P4123-01	910-B	17	100.02	2000	N/A	N/A	N/A	5.5	1.5	T-2
PB163511TB	LEB511	18	N/A	2000	N/A	N/A	N/A	4.94	1.0	T-2

09/20/2024
11:00



SHIPPING DOCUMENTS



CHAIN OF CUSTODY RECORD

NO. 1 OF 5

P4103

COMPANY INFORMATION			PROJECT INFORMATION				REQUESTED ANALYSIS/METHOD											COMMENTS		
LOCATION	ATTN	ADDRESS	PROJECT	BILLING INFORMATION	BILL TO	ADDRESS	PHONE	FAX	PO#	NUMBER OF CONTAINERS	TCL + 20 SVOCs (8270)	TAL Metals + Boron & Tin (6010/7471)	Full TCLP + TCLP Cu, Ni & Zn (1311/8270/8081/8151/6010/7471)	RCRA Characteristics I/C/R (1030/9045/D/Ch 7 rev3)	PCBs (8082); Hex Chromium (7196)	Ammonia-Nitrogen (ASTM/SM4500H); COD (ASTM/5220D); Oil & Grease (ASTM/1664);	Total Solids (ASTM/SM2540G); Total Volatile Solids (160.4)		TCL+10 VOCs (8260); TCLP VOCs (1311/8260); TPH DRO & GRO (8015)	Tox (9020 or 9023)
ENTACT LLC	Wyatt Seel	150 Bay Street, Suite 801 Jersey City, NJ	North Point		ENTACT LLC	999 Oakmont Plaza Drive Suite 300 Westmont, IL 60559	630-986-2900		E9306											
WC-22A	Waste characterization	9/17	11:40	Soil	C	8/4oz Jar	9	X	X	X	X	X	X	X	X	X	X	X	X	See Full List Attached
WC-14_5_7.5A	Waste characterization	9/17	11:50	Soil	C	8/4oz Jar	9	X	X	X	X	X	X	X	X	X	X	X	X	See Full List Attached
WC-14_5_7.5B	Waste characterization	9/17	13:30	Soil	C	8/4oz Jar	9	X	X	X	X	X	X	X	X	X	X	X	X	See Full List Attached
WC-14_7.5_10A	Waste characterization	9/17	12:35	Soil	C	8/4oz Jar	9	X	X	X	X	X	X	X	X	X	X	X	X	See Full List Attached
WC-14_7.5_10B	Waste characterization	9/17	14:20	Soil	C	8/4oz Jar	9	X	X	X	X	X	X	X	X	X	X	X	X	See Full List Attached
WC-23	Waste characterization	9/17	14:45	Soil	C	8/4oz Jar	9	X	X	X	X	X	X	X	X	X	X	X	X	See Full List Attached
SAMPLER		W. Seel		SHIPMENT		courier		AIRBILL												
REQUIRED TURNAROUND		☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☒ 5 DAYS ☐ 10 DAYS ☐ ROUTINE ☐ OTHER: _____																		
1. RELINQUISHED BY		DATE		2. RELINQUISHED BY		DATE		3. RELINQUISHED BY		DATE										
SIGNATURE: <i>Wyatt Seel</i>		09-18-24		SIGNATURE:				SIGNATURE:												
PRINTED NAME/COMPANY: Wyatt Seel		14:10		PRINTED NAME/COMPANY:				PRINTED NAME/COMPANY:												
1. RECEIVED BY		DATE		2. RECEIVED BY		DATE		3. RECEIVED BY		DATE										
SIGNATURE: <i>Benova</i>		9-18-24		SIGNATURE:				SIGNATURE:												
PRINTED NAME/COMPANY: Benova		14:10		PRINTED NAME/COMPANY:				PRINTED NAME/COMPANY:												

Parameter	Test Method
TCL + 10 VOCs	8270D
TCL + 20 SVOCs	8260B
TAL Metals (+Boron, Tin)	6010/7471
Hexavalent Chromium (Cr+6)	7196
Total Cyanide	9014
TCLP VOCs	1311/8260B
TCLP SVOCs	1311/8270D
TCLP Metals (+ Beryllium, Copper, Nickel, Zinc)	1311/6010/7471
TCLP Pesticides/Herbicides	1311/8080/8151
RCRA Characteristics (Ignitability, Corrosivity, Reactive Sulfide/Cyanide)	SW 846 1030 SW 846/9045D SW 846 7.3.3.2 Rev. 3
PCBs	8082A
TPH/DRO & GRO	8015D
TOX	9020 or 9023
Paint Filter	9095



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-0830
DOD ELAP (L-A-B)	L2219
Maine	2024021
Maryland	296
New Hampshire	255423
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488



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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : P4103 ENTA05

Client Name : ENTACT

Client Contact : Chris Lawrence

Invoice Name : ENTACT

Invoice Contact : Chris Lawrence

Order Date : 9/18/2024 3:16:00 PM

North Point

Project Name : CMC-CTV2 #E9322

Receive Date/Time : 9/18/2024 2:10:00 PM

Purchase Order :

Project Mgr :

Report Type : Level 1

EDD Type : Excel NJ

Hard Copy Date :

Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
P4103-01	WC-22A	Solid	09/17/2024	11:40					
					VOC-TCLVOA-10		8260D	5 Bus. Days	
P4103-07	WC-14-5-7.5B	Solid	09/17/2024	13:30					
					VOC-TCLVOA-10		8260D	5 Bus. Days	
P4103-10	WC-14-7.5-10A	Solid	09/17/2024	12:35					
					VOC-TCLVOA-10		8260D	5 Bus. Days	
P4103-13	WC-14-7.5-10B	Solid	09/17/2024	14:20					
					VOC-TCLVOA-10		8260D	5 Bus. Days	
P4103-16	WC-23	Solid	09/17/2024	14:45					
p4103-04	WC-14-5-7.5A	solid	09/17/2024	11:50am					
					VOC-TCLVOA-10		8260D	5 Bus. Days	
					VOC-TCLVOA-10		8260D	5 Bus. Days	

Relinquished By : ch

Date / Time : 9-18-24 16:25

Received By : JC

Date / Time : 9/18/24 16:25

Storage Area : VOA Refridgerator Room