

Cover Page

Order ID : P5382

Project ID : Comegys School

Client : Kleinfelder

Lab Sample Number

P5382-01
P5382-02
P5382-03
P5382-04
P5382-05
P5382-06
P5382-07
P5382-08
P5382-09
P5382-10
P5382-11
P5382-12
P5382-13
P5382-14
P5382-15

Client Sample Number

COMP-1
COMP-2
COMP-3
SB-1
SB-2
SB-3
SB-4
SB-5
SB-6
SB-7
SB-8
SB-9
SB-10
SB-11
SB-12

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: 1/3/2025

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 #: P5382

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 Custody

✓

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: KETAN PATEL

Date: 01/03/2025

LAB CHRONICLE

OrderID:	P5382	OrderDate:	12/23/2024 11:39:00 AM
Client:	Kleinfelder	Project:	Comegys School
Contact:	Mark Warchol	Location:	N31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5382-01	COMP-1	SOIL	SVOCMS Group1	8270E	12/20/24	12/26/24	12/27/24	12/23/24
P5382-02	COMP-2	SOIL	SVOCMS Group1	8270E	12/20/24	12/26/24	12/27/24	12/23/24
P5382-03	COMP-3	SOIL	SVOCMS Group1	8270E	12/20/24	12/26/24	12/27/24	12/23/24



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Hit Summary Sheet
SW-846

SDG No.: P5382
Client: Kleinfelder

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : COMP-1								
P5382-01	COMP-1	SOIL	Phenanthrene	270.000	Q	100	200	ug/Kg
P5382-01	COMP-1	SOIL	Pyrene	270.000		100	200	ug/Kg
P5382-01	COMP-1	SOIL	Benzo(a)anthracene	190.000	J	97.3	200	ug/Kg
P5382-01	COMP-1	SOIL	Chrysene	140.000	J	95.8	200	ug/Kg
P5382-01	COMP-1	SOIL	Benzo(b)fluoranthene	170.000	J	97.8	200	ug/Kg
P5382-01	COMP-1	SOIL	Benzo(a)pyrene	180.000	JQ	110	200	ug/Kg
Total Svoc :				1,220.00				
Total Concentration:				1,220.00				
Client ID : COMP-2								
P5382-02	COMP-2	SOIL	Phenanthrene	140.000	JQ	100	210	ug/Kg
P5382-02	COMP-2	SOIL	Pyrene	170.000	J	100	210	ug/Kg
P5382-02	COMP-2	SOIL	Benzo(a)anthracene	120.000	J	97.5	210	ug/Kg
P5382-02	COMP-2	SOIL	Chrysene	100.000	J	96.1	210	ug/Kg
P5382-02	COMP-2	SOIL	Benzo(b)fluoranthene	130.000	J	98	210	ug/Kg
Total Svoc :				660.00				
Total Concentration:				660.00				



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: P5382

Client: Kleinfelder

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
P5382-01	COMP-1	Nitrobenzene-d5	100	95.9	96		18	107
		2-Fluorobiphenyl	100	78.2	78		20	109
		Terphenyl-d14	100	80.7	81		10	105
P5382-01MS	COMP-1MS	Nitrobenzene-d5	100	73.1	73		18	107
		2-Fluorobiphenyl	100	61.9	62		20	109
		Terphenyl-d14	100	62.7	63		10	105
P5382-01MSD	COMP-1MSD	Nitrobenzene-d5	100	84.1	84		18	107
		2-Fluorobiphenyl	100	70.6	71		20	109
		Terphenyl-d14	100	70.2	70		10	105
P5382-02	COMP-2	Nitrobenzene-d5	100	83.3	83		18	107
		2-Fluorobiphenyl	100	68.9	69		20	109
		Terphenyl-d14	100	63.3	63		10	105
P5382-03	COMP-3	Nitrobenzene-d5	100	77.2	77		18	107
		2-Fluorobiphenyl	100	67.7	68		20	109
		Terphenyl-d14	100	55.3	55		10	105
PB165845BL	PB165845BL	Nitrobenzene-d5	100	116	116	*	18	107
		2-Fluorobiphenyl	100	94.9	95		20	109
		Terphenyl-d14	100	90.3	90		10	105
PB165845BS	PB165845BS	Nitrobenzene-d5	100	122	122	*	18	107
		2-Fluorobiphenyl	100	101	101		20	109
		Terphenyl-d14	100	101	101		10	105

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P5382

Client: Kleinfelder

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P5382-01MS		Client Sample ID: COMP-1MS		DataFile: BF141005.D							
Naphthalene	2000	0	1700	ug/Kg	85				72	110	
Fluorene	2000	0	1700	ug/Kg	85				68	116	
Phenanthrene	2000	270	2000	ug/Kg	87				52	128	
Anthracene	2000	0	2000	ug/Kg	100				62	124	
Pyrene	2000	270	1800	ug/Kg	77				26	142	
Benzo(a)anthracene	2000	190	1800	ug/Kg	81				71	114	
Chrysene	2000	140	1900	ug/Kg	88				57	121	
Benzo(b)fluoranthene	2000	170	1800	ug/Kg	82				67	121	
Benzo(a)pyrene	2000	180	2000	ug/Kg	91				70	142	
Indeno(1,2,3-cd)pyrene	2000	0	1600	ug/Kg	80				40	129	
Benzo(g,h,i)perylene	2000	0	1400	ug/Kg	70				24	125	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P5382

Client: Kleinfelder

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5382-01MSD	Client Sample ID:	COMP-1MSD					DataFile:	BF141006.D		
Naphthalene	2000	0	1900	ug/Kg	95	11			72	110	20
Fluorene	2000	0	1900	ug/Kg	95	11			68	116	20
Phenanthrene	2000	270	2300	ug/Kg	102	16			52	128	20
Anthracene	2000	0	2200	ug/Kg	110	10			62	124	20
Pyrene	2000	270	2100	ug/Kg	92	18			26	142	20
Benzo(a)anthracene	2000	190	2100	ug/Kg	96	17			71	114	20
Chrysene	2000	140	2200	ug/Kg	103	16			57	121	20
Benzo(b)fluoranthene	2000	170	2100	ug/Kg	97	17			67	121	20
Benzo(a)pyrene	2000	180	2300	ug/Kg	106	15			70	142	20
Indeno(1,2,3-cd)pyrene	2000	0	1800	ug/Kg	90	12			40	129	20
Benzo(g,h,i)perylene	2000	0	1600	ug/Kg	80	13			24	125	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5382

Client: Kleinfelder

Analytical Method: 8270E DataFile: BF140992.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB165845BS	Naphthalene	1700	1600	ug/Kg	94				62	100	
	Fluorene	1700	1600	ug/Kg	94				61	101	
	Phenanthrene	1700	1800	ug/Kg	106		*		59	103	
	Anthracene	1700	1800	ug/Kg	106		*		61	105	
	Pyrene	1700	1600	ug/Kg	94				59	103	
	Benzo(a)anthracene	1700	1600	ug/Kg	94				60	102	
	Chrysene	1700	1700	ug/Kg	100				59	101	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(a)pyrene	1700	1900	ug/Kg	112		*		63	103	
	Indeno(1,2,3-cd)pyrene	1700	1800	ug/Kg	106		*		63	101	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70	108	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165845BL

Lab Name: CHEMTECH

Contract: POWE02

Lab Code: CHEM Case No.: P5382

SAS No.: P5382 SDG NO.: P5382

Lab File ID: BF140991.D

Lab Sample ID: PB165845BL

Instrument ID: BNA_F

Date Extracted: 12/26/2024

Matrix: (soil/water) SOIL

Date Analyzed: 12/27/2024

Level: (low/med) LOW

Time Analyzed: 12:41

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
COMP-1MSD	P5382-01MSD	BF141006.D	12/27/2024
COMP-2	P5382-02	BF141007.D	12/27/2024
COMP-3	P5382-03	BF141008.D	12/27/2024
PB165845BS	PB165845BS	BF140992.D	12/27/2024
COMP-1	P5382-01	BF141004.D	12/27/2024
COMP-1MS	P5382-01MS	BF141005.D	12/27/2024

COMMENTS: _____



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: POWE02Lab Code: CHEMSAS No.: P5382 SDG NO.: P5382Lab File ID: BF140969.DDFTPP Injection Date: 12/26/2024Instrument ID: BNA_FDFTPP Injection Time: 15:57

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	38.4
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	35.5
70	Less than 2.0% of mass 69	0.2 (0.4) 1
127	10.0 - 80.0% of mass 198	47.8
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	6.6
275	10.0 - 60.0% of mass 198	27.2
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	14.3
442	Greater than 50% of mass 198	90.5
443	15.0 - 24.0% of mass 442	17.8 (19.7) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF140970.D	12/26/2024	16:23
SSTDICC005	SSTDICC005	BF140971.D	12/26/2024	16:49
SSTDICC010	SSTDICC010	BF140972.D	12/26/2024	17:15
SSTDICC020	SSTDICC020	BF140973.D	12/26/2024	17:41
SSTDICCC040	SSTDICCC040	BF140974.D	12/26/2024	18:06
SSTDICC050	SSTDICC050	BF140975.D	12/26/2024	18:33
SSTDICC060	SSTDICC060	BF140976.D	12/26/2024	18:59
SSTDICC080	SSTDICC080	BF140977.D	12/26/2024	19:25



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: POWE02Lab Code: CHEMSAS No.: P5382 SDG NO.: P5382Lab File ID: BF140980.DDFTPP Injection Date: 12/27/2024Instrument ID: BNA_FDFTPP Injection Time: 07:54

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	37.9
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	35.9
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	47.8
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	6.7
275	10.0 - 60.0% of mass 198	28.1
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	14.8
442	Greater than 50% of mass 198	94.4
443	15.0 - 24.0% of mass 442	18.3 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF140981.D	12/27/2024	08:19
PB165845BL	PB165845BL	BF140991.D	12/27/2024	12:41
PB165845BS	PB165845BS	BF140992.D	12/27/2024	13:07



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: POWE02Lab Code: CHEMSAS No.: P5382 SDG NO.: P5382Lab File ID: BF140993.DDFTPP Injection Date: 12/27/2024Instrument ID: BNA_FDFTPP Injection Time: 13:33

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	39.9
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	37.1
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	49
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	27.3
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	13.2
442	Greater than 50% of mass 198	84.7
443	15.0 - 24.0% of mass 442	16.2 (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	BF140994.D	12/27/2024	13:59
COMP-1	P5382-01	BF141004.D	12/27/2024	18:39
COMP-1MS	P5382-01MS	BF141005.D	12/27/2024	19:05
COMP-1MSD	P5382-01MSD	BF141006.D	12/27/2024	19:32
COMP-2	P5382-02	BF141007.D	12/27/2024	19:58
COMP-3	P5382-03	BF141008.D	12/27/2024	20:24

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: P5382 SAS No.: P5382 SDG NO.: P5382

EPA Sample No.: SSTDCCC040 Date Analyzed: 12/27/2024

Lab File ID: BF140981.D Time Analyzed: 08:19

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	281239	6.828	1080100	8.11	567563	9.86
UPPER LIMIT	562478	7.328	2160200	8.61	1135130	10.363
LOWER LIMIT	140620	6.328	540050	7.61	283782	9.363
EPA SAMPLE NO.						
01 PB165845BL	256406	6.83	1039760	8.10	551936	9.86
02 PB165845BS	237476	6.83	956660	8.11	508461	9.86

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.: P5382 SAS No.: P5382 SDG NO.: P5382

EPA Sample No.: SSTDCCC040 Date Analyzed: 12/27/2024

Lab File ID: BF140981.D Time Analyzed: 08:19

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	1005110	11.345	657302	13.986	544134	15.439
UPPER LIMIT	2010220	11.845	1314600	14.486	1088270	15.939
LOWER LIMIT	502555	10.845	328651	13.486	272067	14.939
EPA SAMPLE NO.						
01 PB165845BL	932287	11.35	692897	13.98	548204	15.44
02 PB165845BS	852780	11.35	597621	13.99	491502	15.44

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.: P5382 SAS No.: P5382 SDG NO.: P5382

EPA Sample No.: SSTDCCC040 Date Analyzed: 12/27/2024

Lab File ID: BF140994.D Time Analyzed: 13:59

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	288140	6.828	1113820	8.11	585823	9.86
UPPER LIMIT	576280	7.328	2227640	8.61	1171650	10.363
LOWER LIMIT	144070	6.328	556910	7.61	292912	9.363
EPA SAMPLE NO.						
01 COMP-3	261409	6.82	1032360	8.10	517375	9.86
02 COMP-1	245562	6.82	986783	8.10	533453	9.86
03 COMP-1MS	274904	6.83	1107160	8.11	588572	9.86
04 COMP-1MSD	242878	6.82	970690	8.11	512580	9.86
05 COMP-2	251588	6.82	996554	8.10	526548	9.86

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.: P5382 SAS No.: P5382 SDG NO.: P5382

EPA Sample No.: SSTDCCC040 Date Analyzed: 12/27/2024

Lab File ID: BF140994.D Time Analyzed: 13:59

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	1000380	11.345	654182	13.986	576625	15.433
UPPER LIMIT	2000760	11.845	1308360	14.486	1153250	15.933
LOWER LIMIT	500190	10.845	327091	13.486	288313	14.933
EPA SAMPLE NO.						
01 COMP-3	711998	11.34	540701	13.97	441127	15.43
02 COMP-1	882749	11.34	539303	13.97	547496	15.43
03 COMP-1MS	918746	11.35	544083	13.98	580377	15.43
04 COMP-1MSD	801566	11.35	483090	13.98	500993	15.43
05 COMP-2	804705	11.34	502976	13.97	505972	15.43

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:	Kleinfelder	Date Collected:	12/20/24
Project:	Comegys School	Date Received:	12/23/24
Client Sample ID:	COMP-1	SDG No.:	P5382
Lab Sample ID:	P5382-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	82.8
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		GPC Factor :	1.0
Prep Method :	SW3541	Final Vol:	1000
		Test:	SVOCMS Group1
		Level :	LOW
		GPC Cleanup :	N
		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141004.D	1	12/26/24 09:10	12/27/24 18:39	PB165845

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	99.6	U	99.6	200	ug/Kg
86-73-7	Fluorene	100	U	100	200	ug/Kg
85-01-8	Phenanthrene	270	Q	100	200	ug/Kg
120-12-7	Anthracene	100	UQ	100	200	ug/Kg
129-00-0	Pyrene	270		100	200	ug/Kg
56-55-3	Benzo(a)anthracene	190	J	97.3	200	ug/Kg
218-01-9	Chrysene	140	J	95.8	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	J	97.8	200	ug/Kg
50-32-8	Benzo(a)pyrene	180	JQ	110	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	94.1	UQ	94.1	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	96.5	U	96.5	200	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	95.9		18 - 107	96%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.2		20 - 109	78%	SPK: 100
1718-51-0	Terphenyl-d14	80.7		10 - 105	81%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	246000	6.822			
1146-65-2	Naphthalene-d8	987000	8.104			
15067-26-2	Acenaphthene-d10	533000	9.857			
1517-22-2	Phenanthrene-d10	883000	11.339			
1719-03-5	Chrysene-d12	539000	13.974			
1520-96-3	Perylene-d12	547000	15.433			

Report of Analysis

Client:	Kleinfelder	Date Collected:	12/20/24
Project:	Comegys School	Date Received:	12/23/24
Client Sample ID:	COMP-1	SDG No.:	P5382
Lab Sample ID:	P5382-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	82.8
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	SVOCMS Group1
	Decanted :	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
BF141004.D	1	12/26/24 09:10	12/27/24 18:39	PB165845

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\BF122724\
 Data File : BF141004.D
 Acq On : 27 Dec 2024 18:39
 Operator : RC/JU
 Sample : P5382-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/30/2024
 Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 27 22:20:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	245562	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	986783	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	533453	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	882749	20.000	ng	0.00
76) Chrysene-d12	13.974	240	539303	20.000	ng	-0.01
86) Perylene-d12	15.433	264	547496	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1854097	113.813	ng	0.00
7) Phenol-d6	6.439	99	2370975	112.980	ng	-0.01
23) Nitrobenzene-d5	7.381	82	1479148	95.900	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	672154	129.669	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	2616681	78.151	ng	0.00
79) Terphenyl-d14	12.927	244	2621285	80.733	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.363	178	313968	6.758	ng	98
75) Fluoranthene	12.551	202	369067	7.324	ng	98
78) Pyrene	12.780	202	313419	6.645	ng	98
81) Benzo(a)anthracene	13.968	228	174110	4.632	ng	98
83) Chrysene	13.998	228	120164	3.546	ng	97
87) Indeno(1,2,3-cd)pyrene	16.862	276	72562m	2.104	ng	
88) Benzo(b)fluoranthene	15.010	252	164015m	4.295	ng	
89) Benzo(k)fluoranthene	15.021	252	76297m	2.549	ng	
90) Benzo(a)pyrene	15.368	252	132885	4.484	ng	98
92) Benzo(g,h,i)perylene	17.298	276	60508	2.086	ng	99

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

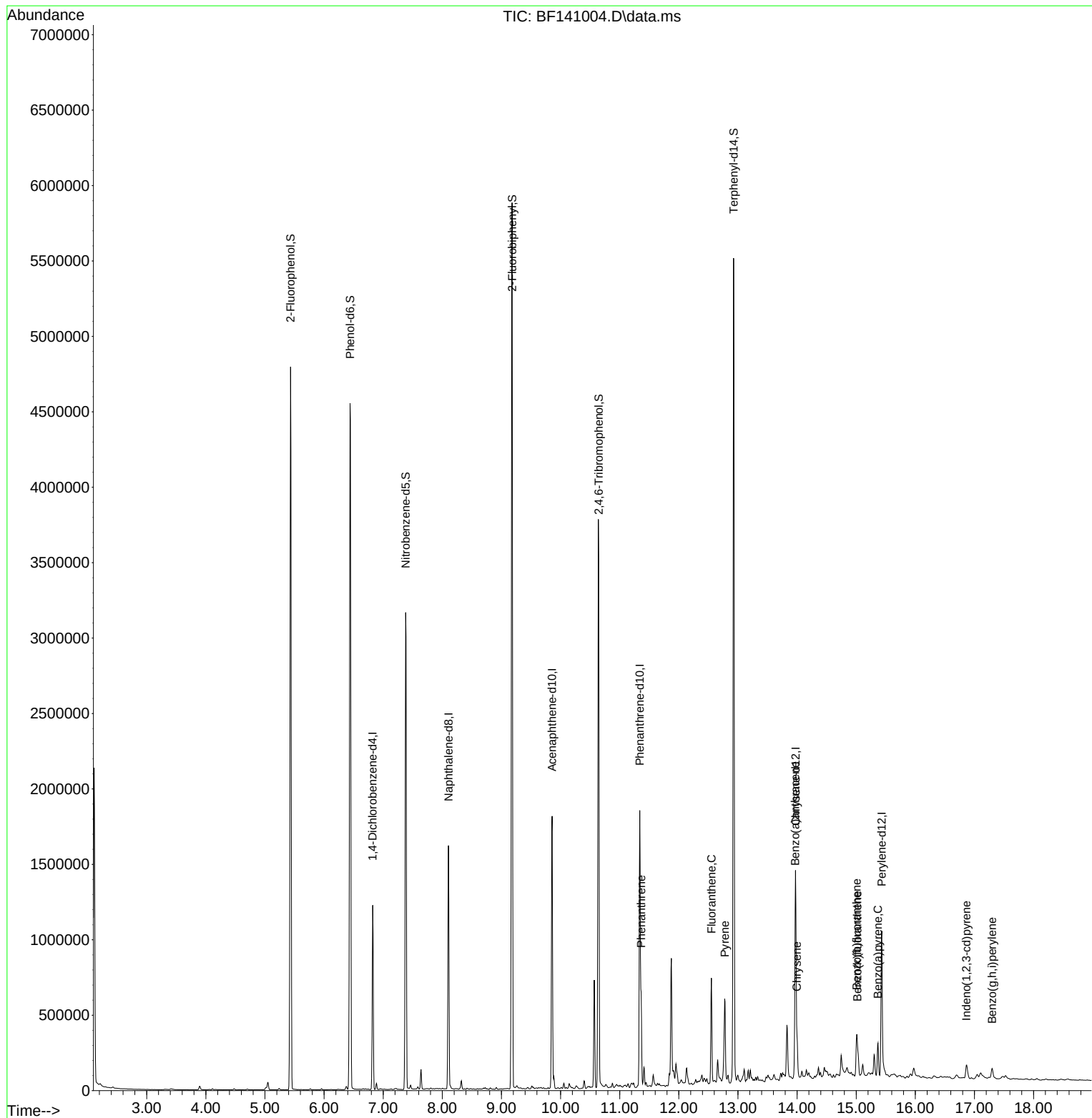
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
Data File : BF141004.D
Acq On : 27 Dec 2024 18:39
Operator : RC/JU
Sample : P5382-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

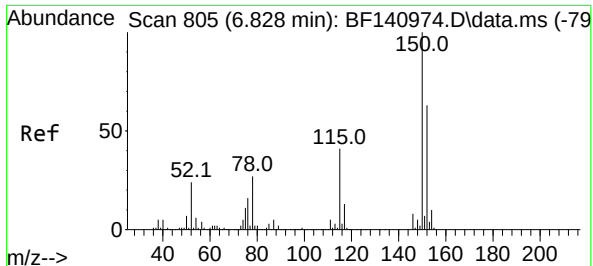
Instrument :
BNA_F
ClientSampleId :
COMP-1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

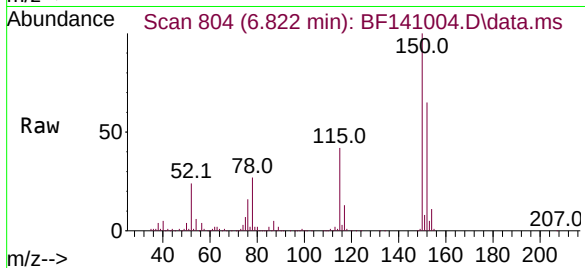
Quant Time: Dec 27 22:20:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:31:16 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF141004.D
Acq: 27 Dec 2024 18:39

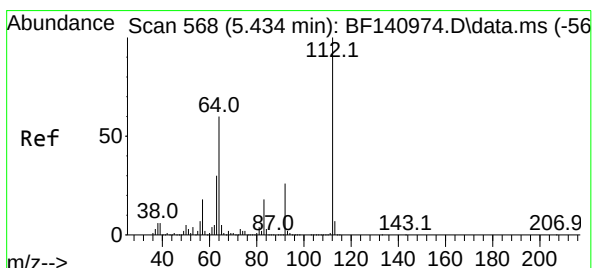
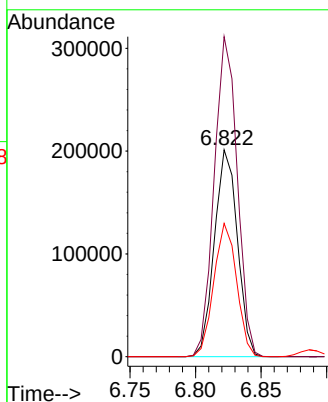
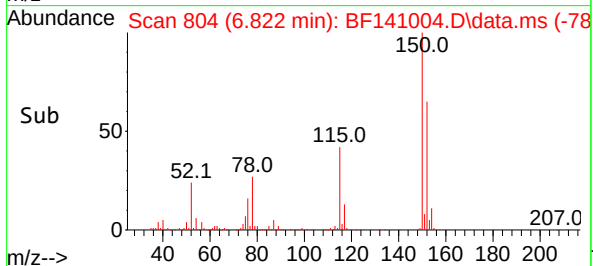
Instrument :
BNA_F
ClientSampleId :
COMP-1



Tgt Ion:152 Resp: 245562
Ion Ratio Lower Upper
152 100
150 154.7 127.0 190.6
115 64.4 51.7 77.5

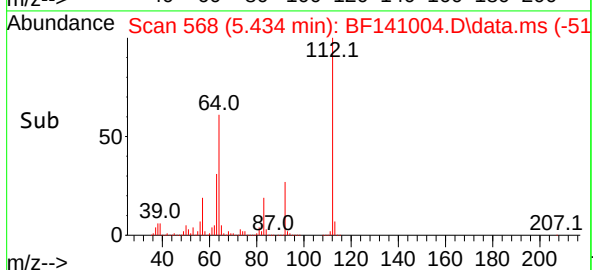
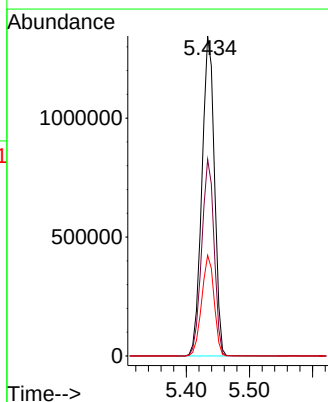
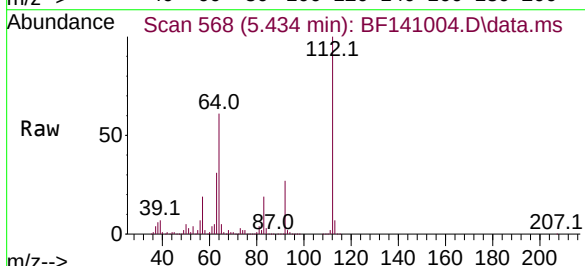
Manual Integrations
APPROVED

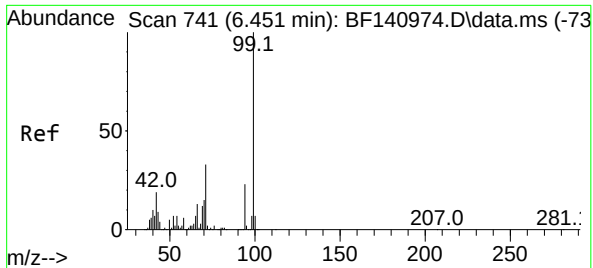
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#5
2-Fluorophenol
Concen: 113.813 ng
RT: 5.434 min Scan# 568
Delta R.T. -0.000 min
Lab File: BF141004.D
Acq: 27 Dec 2024 18:39

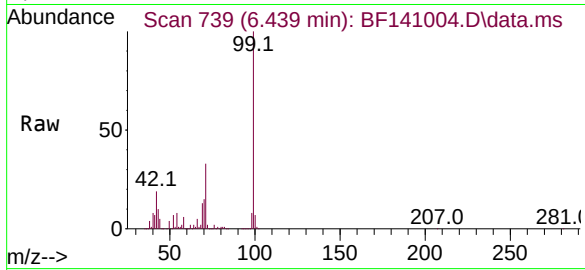
Tgt Ion:112 Resp: 1854097
Ion Ratio Lower Upper
112 100
64 61.5 47.7 71.5
63 31.4 24.2 36.2





#7
Phenol-d6
Concen: 112.980 ng
RT: 6.439 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141004.D
Acq: 27 Dec 2024 18:39

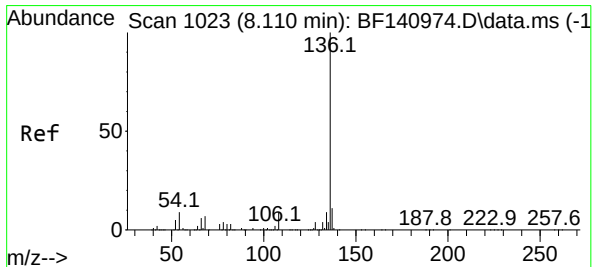
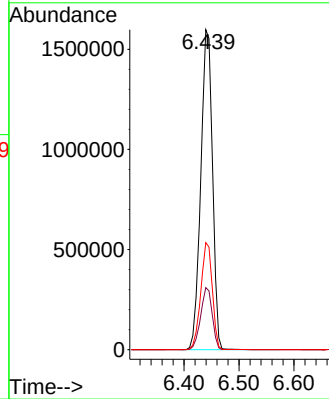
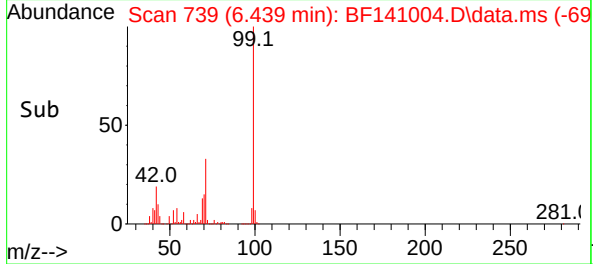
Instrument :
BNA_F
ClientSampleId :
COMP-1



Tgt Ion: 99 Resp: 237097
Ion Ratio Lower Upper
99 100
42 19.4 15.0 22.4
71 33.4 26.2 39.2

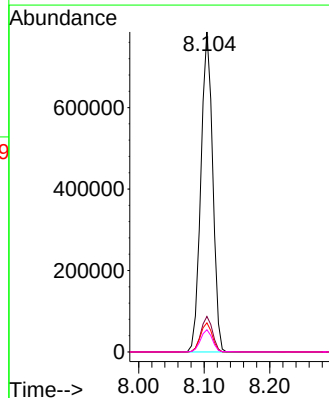
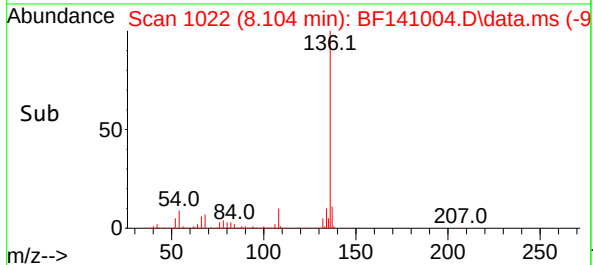
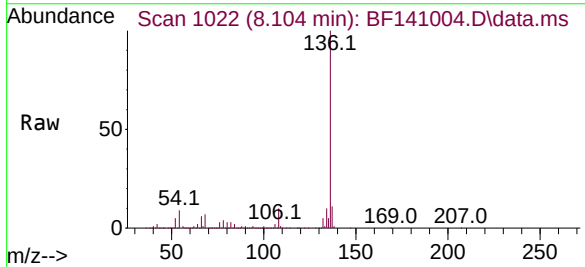
Manual Integrations
APPROVED

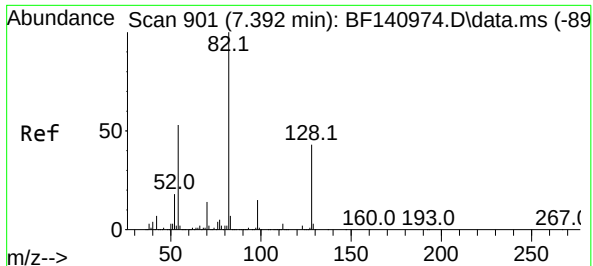
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141004.D
Acq: 27 Dec 2024 18:39

Tgt Ion:136 Resp: 986783
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 9.1 7.6 11.4
68 7.0 5.6 8.4





#23

Nitrobenzene-d5

Concen: 95.900 ng

RT: 7.381 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF141004.D

Acq: 27 Dec 2024 18:39

Instrument :

BNA_F

ClientSampleId :

COMP-1

Tgt Ion: 82 Resp: 147914

Ion Ratio Lower Upper

82 100

128 43.5 34.4 51.6

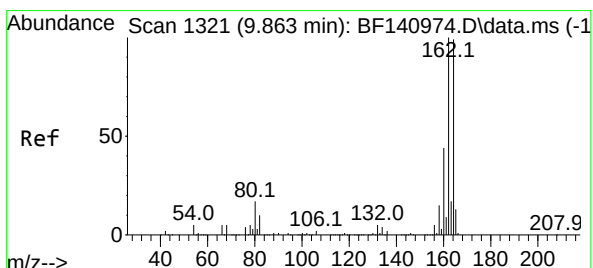
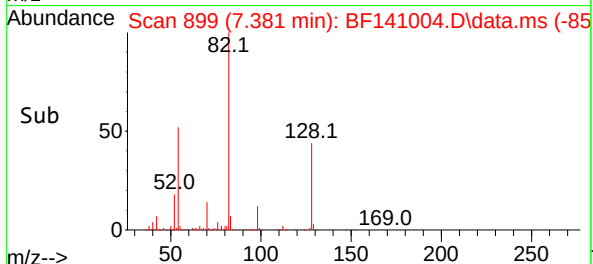
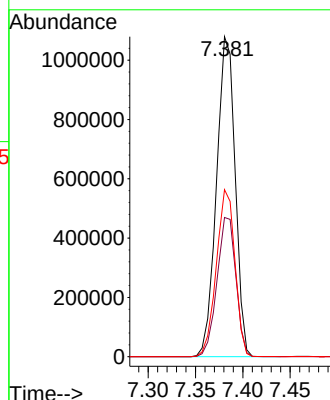
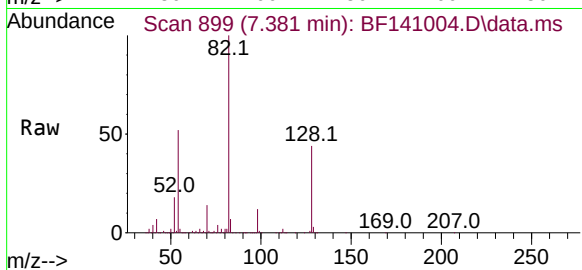
54 52.2 42.4 63.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1320

Delta R.T. -0.006 min

Lab File: BF141004.D

Acq: 27 Dec 2024 18:39

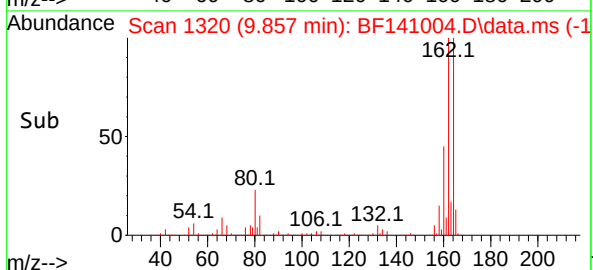
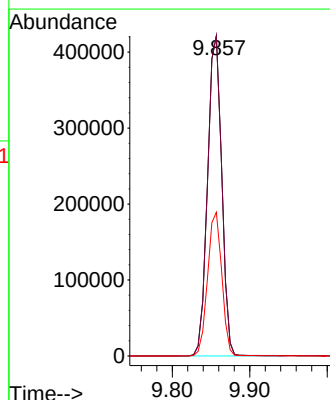
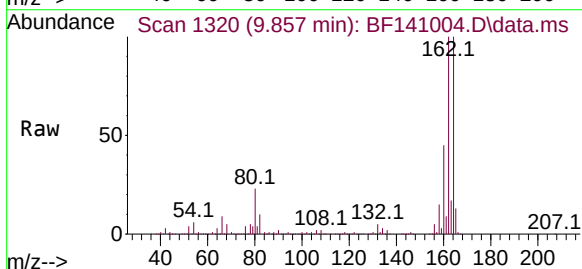
Tgt Ion:164 Resp: 533453

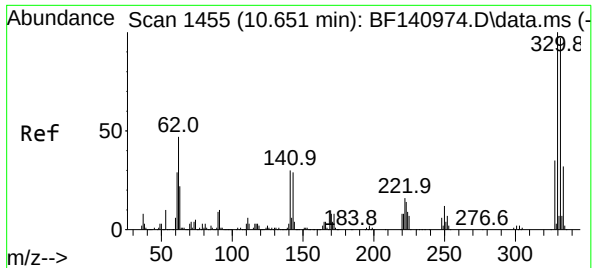
Ion Ratio Lower Upper

164 100

162 100.0 80.6 120.8

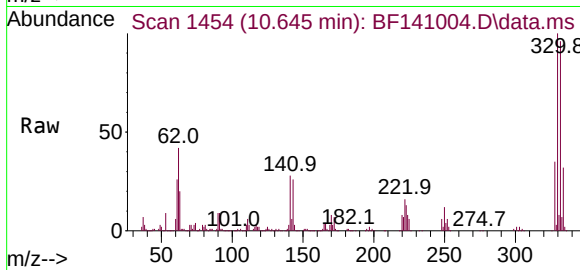
160 44.9 35.7 53.5





#42
2,4,6-Tribromophenol
Concen: 129.669 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF141004.D
Acq: 27 Dec 2024 18:39

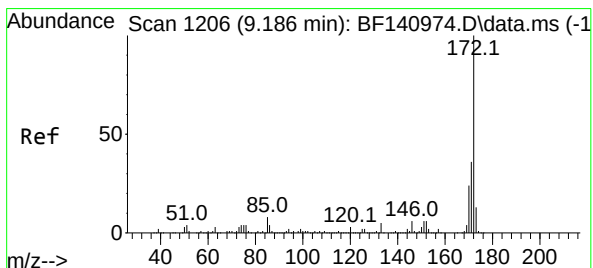
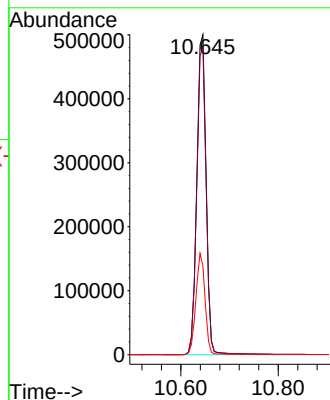
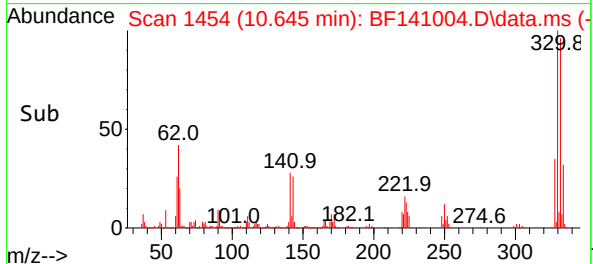
Instrument :
BNA_F
ClientSampleId :
COMP-1



Tgt Ion: 330 Resp: 672154
Ion Ratio Lower Upper
330 100
332 96.7 78.0 117.0
141 31.2 26.4 39.6

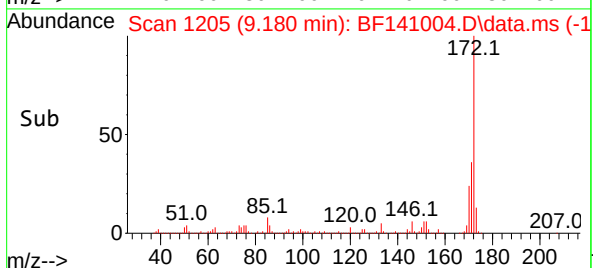
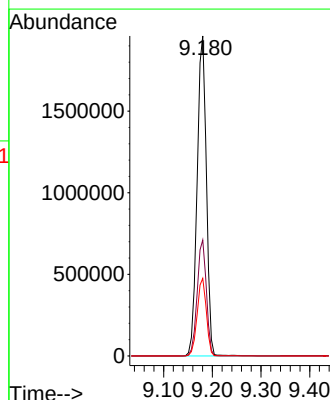
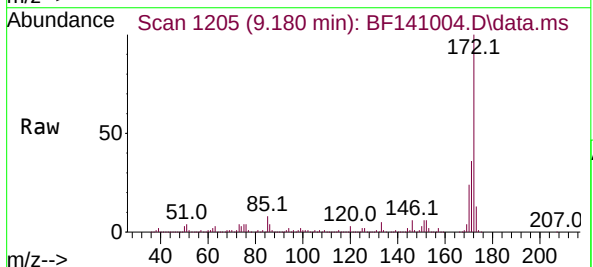
Manual Integrations
APPROVED

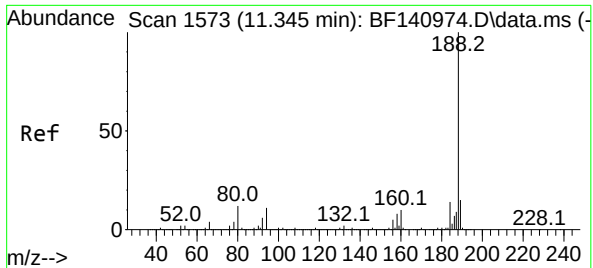
Reviewed By : Yogesh Patel 12/30/2024
Supervised By : mohammad ahmed 12/30/2024



#45
2-Fluorobiphenyl
Concen: 78.151 ng
RT: 9.180 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF141004.D
Acq: 27 Dec 2024 18:39

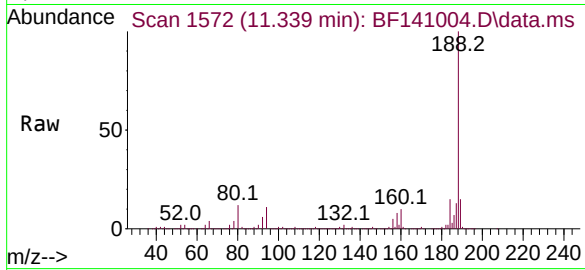
Tgt Ion: 172 Resp: 2616681
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.4
170 24.3 19.6 29.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF141004.D
Acq: 27 Dec 2024 18:39

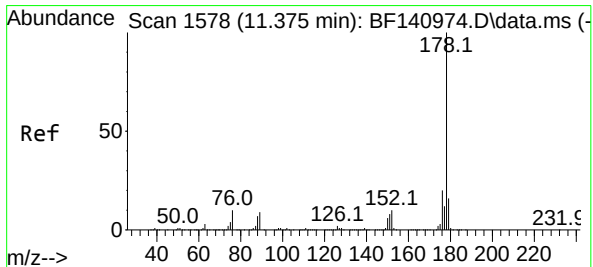
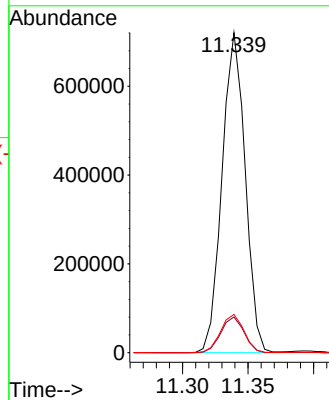
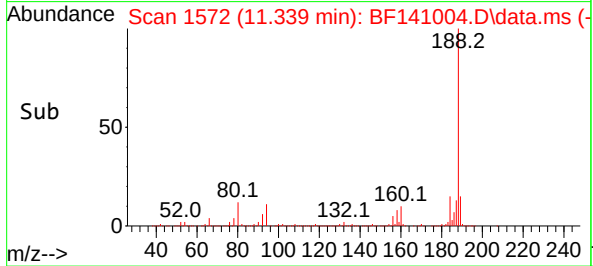
Instrument :
BNA_F
ClientSampleId :
COMP-1



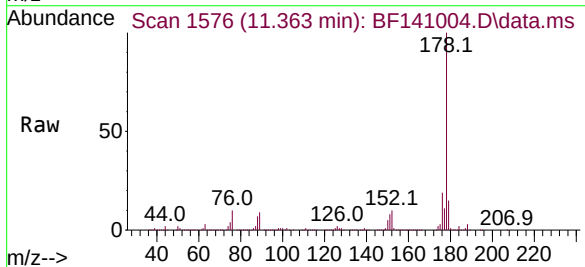
Tgt Ion:188 Resp: 882749
Ion Ratio Lower Upper
188 100
94 11.2 9.0 13.6
80 12.0 9.8 14.6

Manual Integrations
APPROVED

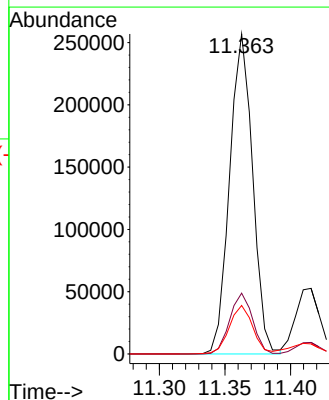
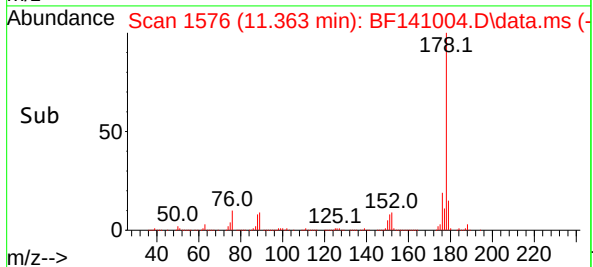
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

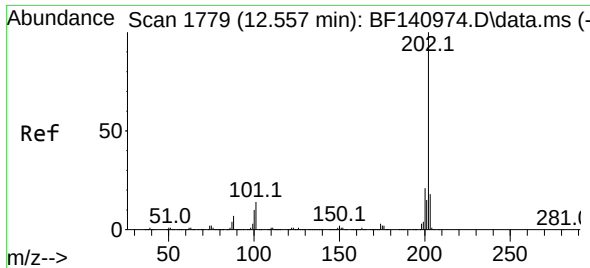


#71
Phenanthrene
Concen: 6.758 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BF141004.D
Acq: 27 Dec 2024 18:39



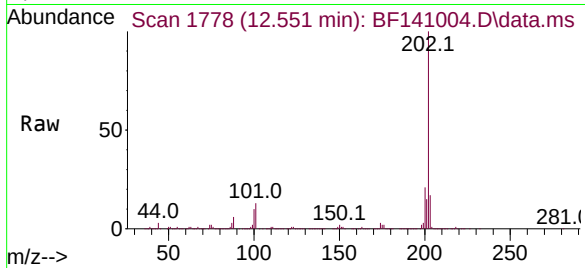
Tgt Ion:178 Resp: 313968
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.6
179 15.2 12.6 19.0





#75
Fluoranthene
Concen: 7.324 ng
RT: 12.551 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141004.D
Acq: 27 Dec 2024 18:39

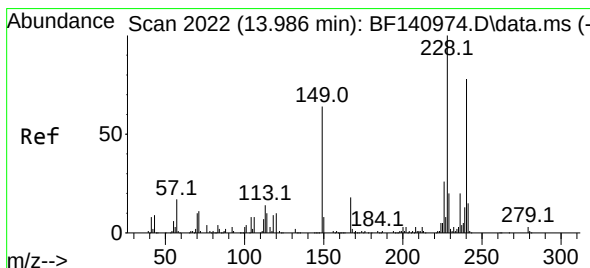
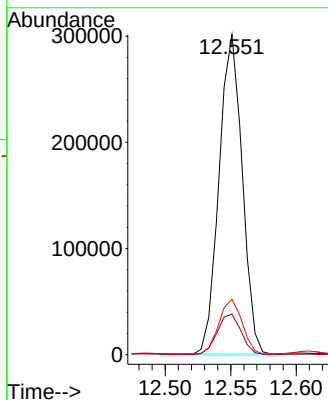
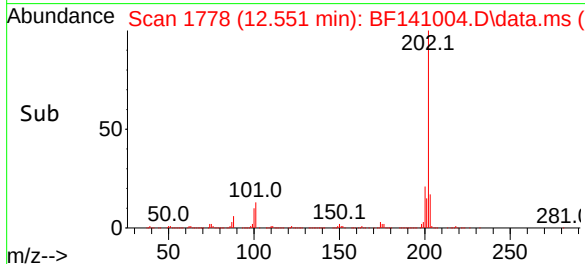
Instrument :
BNA_F
ClientSampleId :
COMP-1



Tgt Ion:202 Resp: 36906
Ion Ratio Lower Upper
202 100
101 12.7 0.0 33.7
203 17.4 0.0 38.1

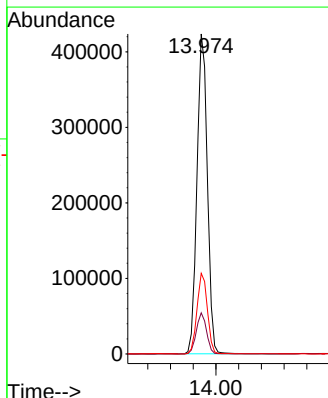
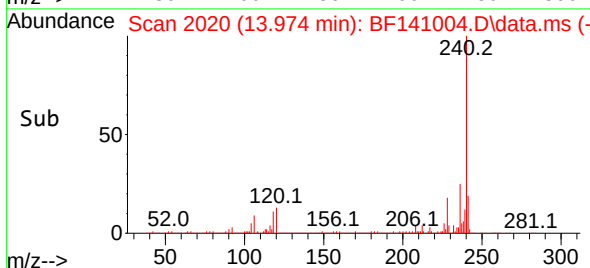
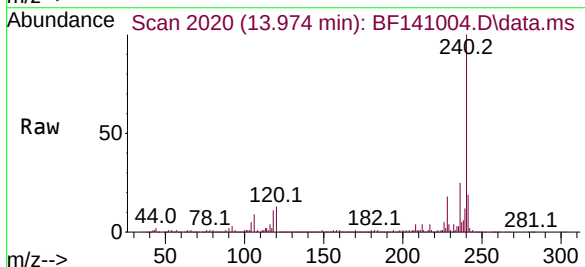
Manual Integrations
APPROVED

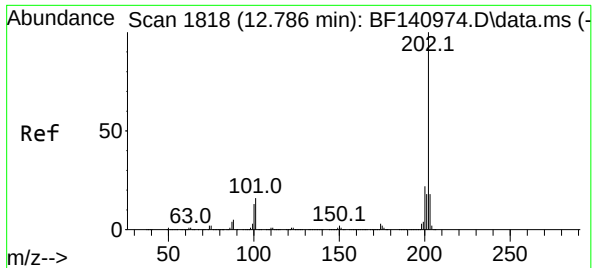
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF141004.D
Acq: 27 Dec 2024 18:39

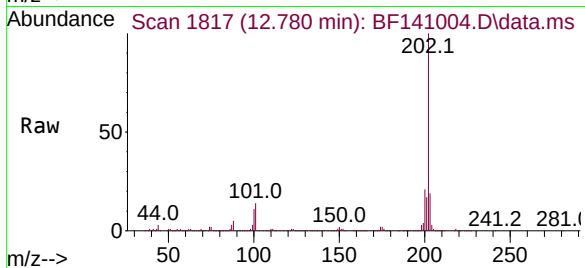
Tgt Ion:240 Resp: 539303
Ion Ratio Lower Upper
240 100
120 12.8 10.7 16.1
236 25.2 20.6 31.0





#78
Pyrene
Concen: 6.645 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF141004.D
Acq: 27 Dec 2024 18:39

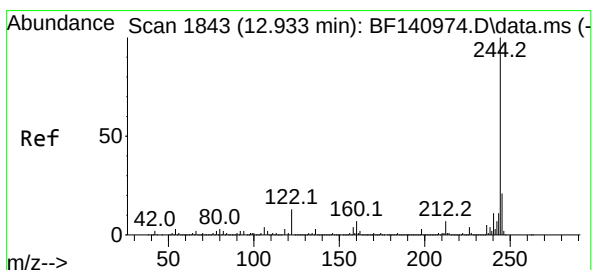
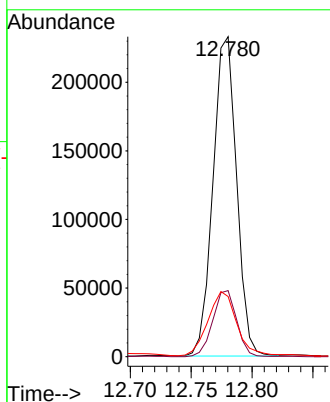
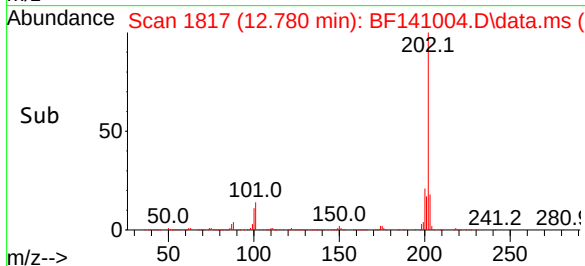
Instrument :
BNA_F
ClientSampleId :
COMP-1



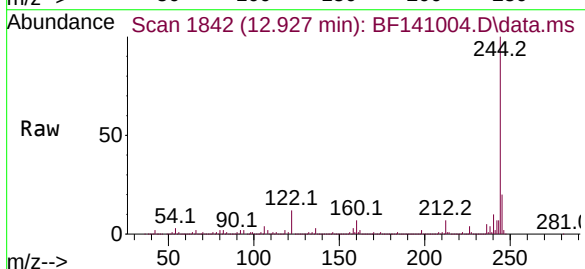
Tgt Ion:202 Resp: 313419
Ion Ratio Lower Upper
202 100
200 20.6 17.3 25.9
203 18.8 14.6 21.8

Manual Integrations
APPROVED

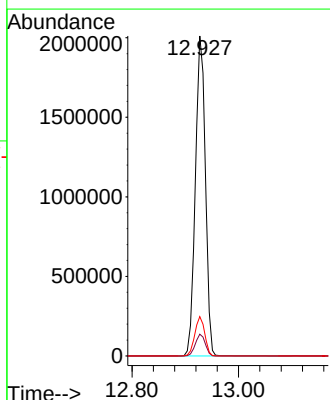
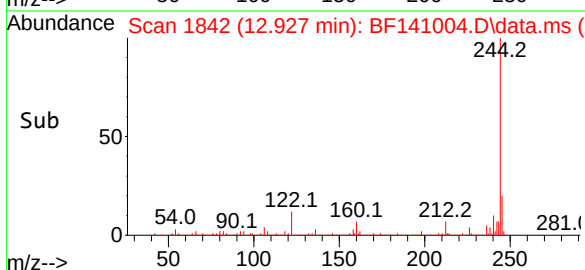
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

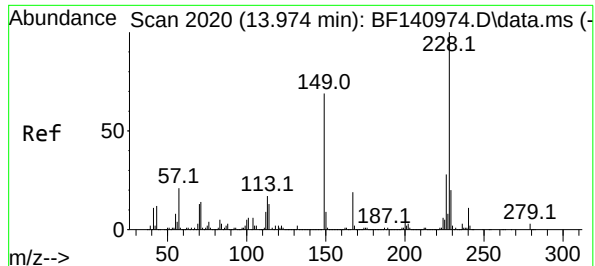


#79
Terphenyl-d14
Concen: 80.733 ng
RT: 12.927 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BF141004.D
Acq: 27 Dec 2024 18:39



Tgt Ion:244 Resp: 2621285
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 12.3 10.2 15.2





#81

Benzo(a)anthracene

Concen: 4.632 ng

RT: 13.968 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF141004.D

Acq: 27 Dec 2024 18:39

Instrument :

BNA_F

ClientSampleId :

COMP-1

Tgt Ion:228 Resp: 174110

Ion Ratio Lower Upper

228 100

226 26.9 22.1 33.1

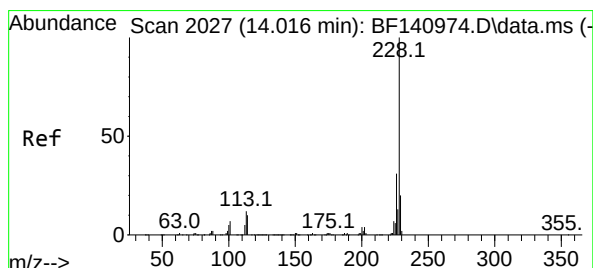
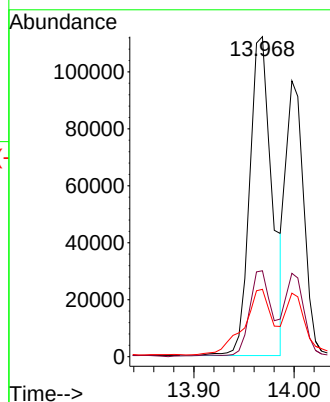
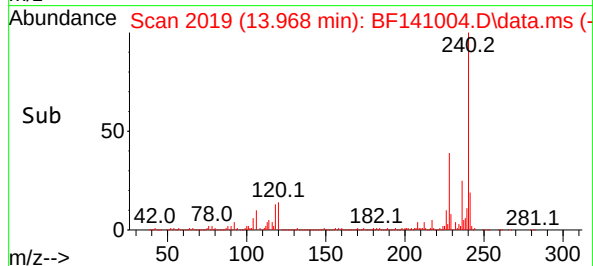
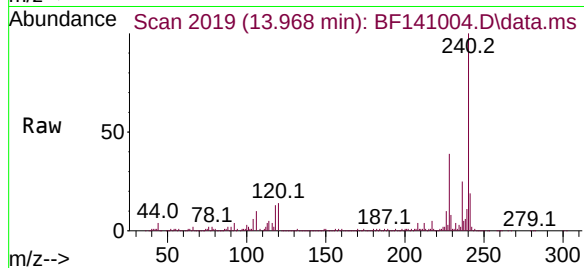
229 21.1 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#83

Chrysene

Concen: 3.546 ng

RT: 13.998 min Scan# 2024

Delta R.T. -0.018 min

Lab File: BF141004.D

Acq: 27 Dec 2024 18:39

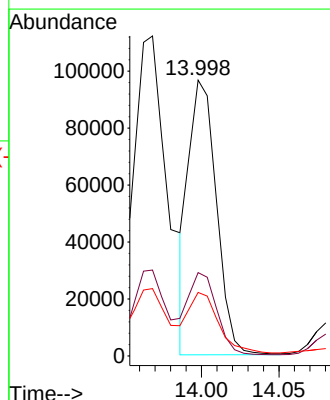
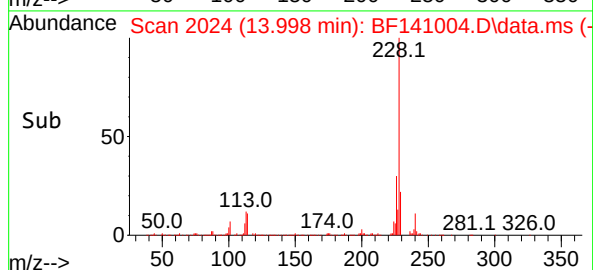
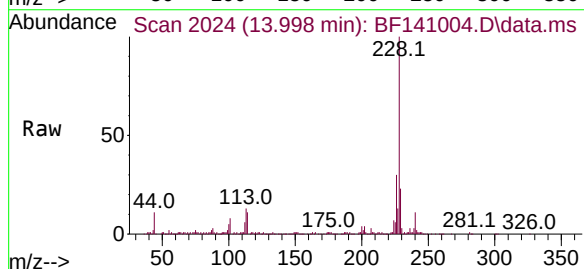
Tgt Ion:228 Resp: 120164

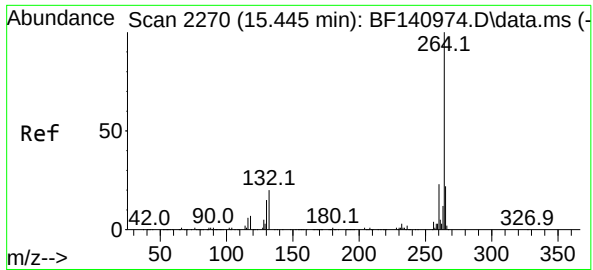
Ion Ratio Lower Upper

228 100

226 30.2 24.5 36.7

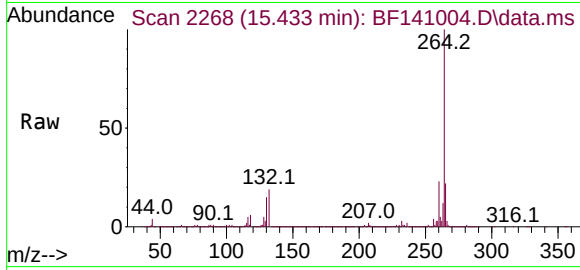
229 23.0 16.2 24.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 2111
Delta R.T. -0.012 min
Lab File: BF141004.D
Acq: 27 Dec 2024 18:39

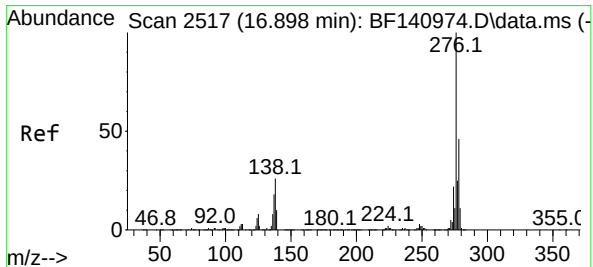
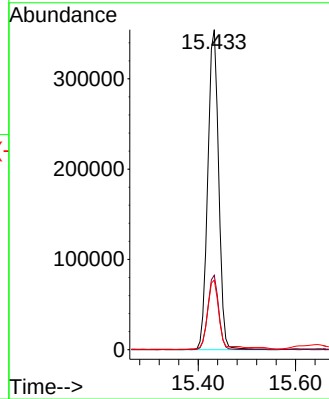
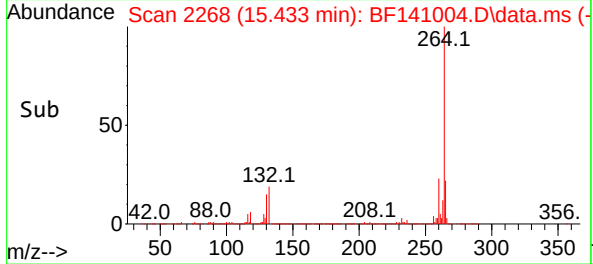
Instrument :
BNA_F
ClientSampleId :
COMP-1



Tgt Ion:264 Resp: 547490
Ion Ratio Lower Upper
264 100
260 23.2 18.7 28.1
265 21.7 17.4 26.2

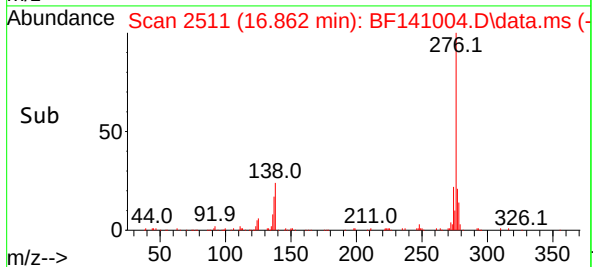
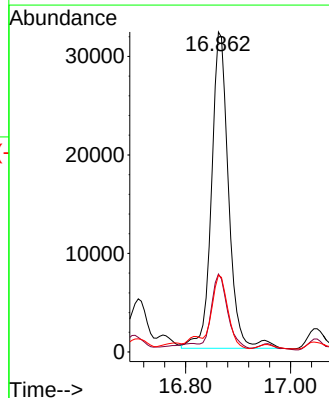
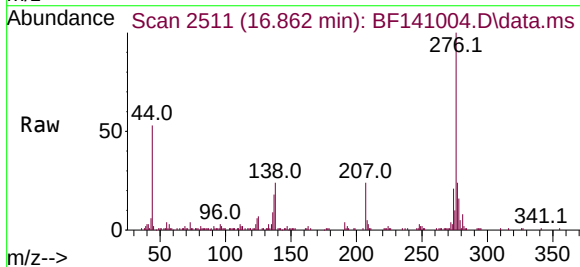
Manual Integrations
APPROVED

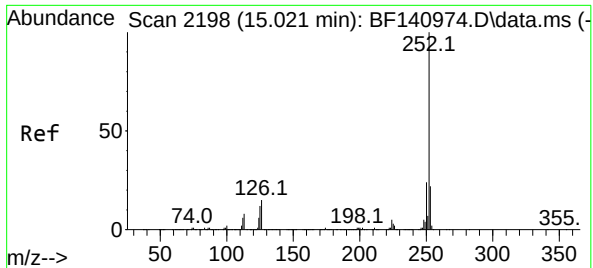
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.104 ng m
RT: 16.862 min Scan# 2511
Delta R.T. -0.035 min
Lab File: BF141004.D
Acq: 27 Dec 2024 18:39

Tgt Ion:276 Resp: 72562
Ion Ratio Lower Upper
276 100
138 5.1 23.1 34.7#
277 4.4 20.4 30.6#





#88

Benzo(b)fluoranthene

Concen: 4.295 ng m

RT: 15.010 min Scan# 2196

Delta R.T. -0.012 min

Lab File: BF141004.D

Acq: 27 Dec 2024 18:39

Instrument :

BNA_F

ClientSampleId :

COMP-1

Tgt Ion:252 Resp: 16401

Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

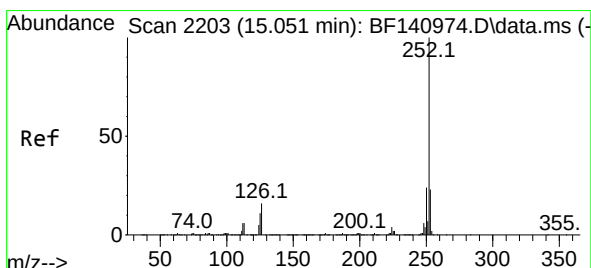
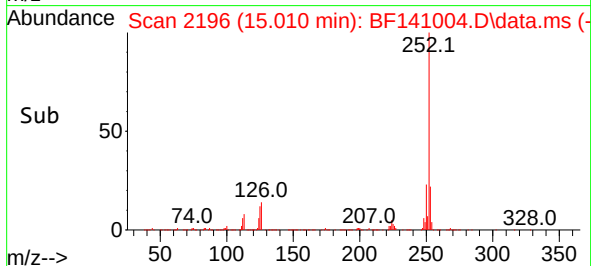
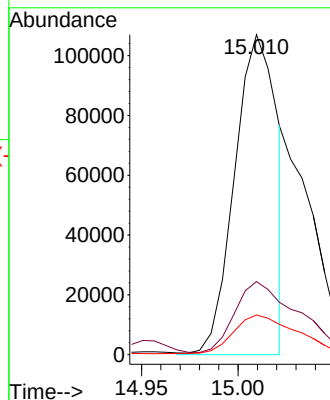
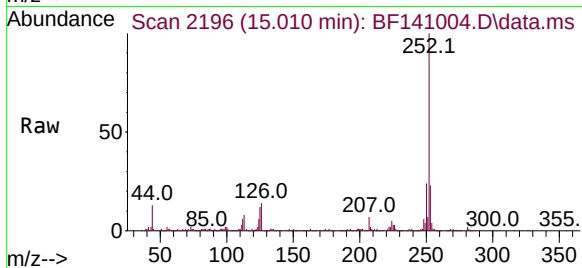
125 12.4 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#89

Benzo(k)fluoranthene

Concen: 2.549 ng m

RT: 15.021 min Scan# 2198

Delta R.T. -0.029 min

Lab File: BF141004.D

Acq: 27 Dec 2024 18:39

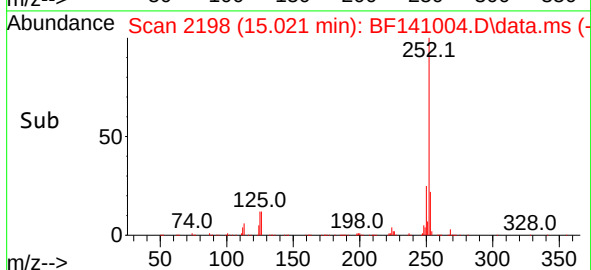
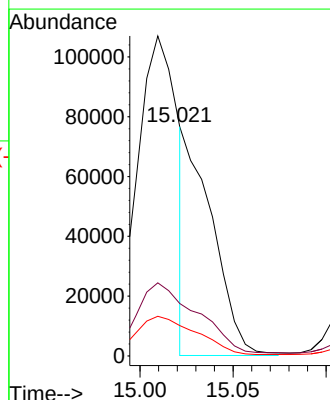
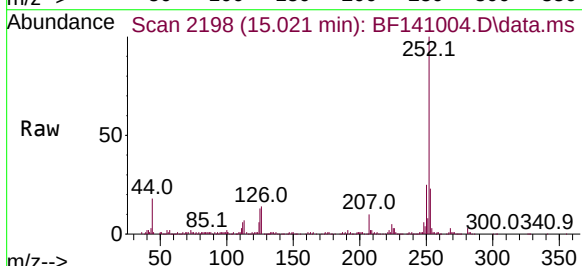
Tgt Ion:252 Resp: 76297

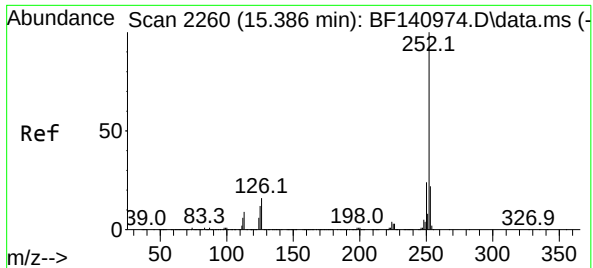
Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

125 13.2 9.4 14.0





#90

Benzo(a)pyrene

Concen: 4.484 ng

RT: 15.368 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF141004.D

Acq: 27 Dec 2024 18:39

Instrument :

BNA_F

ClientSampleId :

COMP-1

Tgt Ion:252 Resp: 13288

Ion Ratio Lower Upper

252 100

253 23.1 17.2 25.8

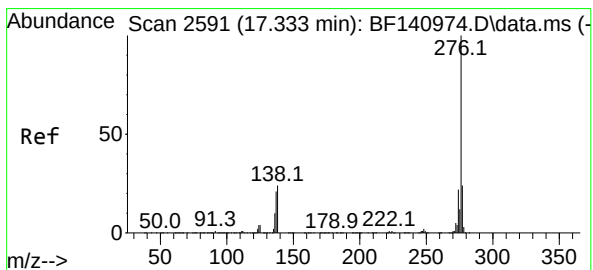
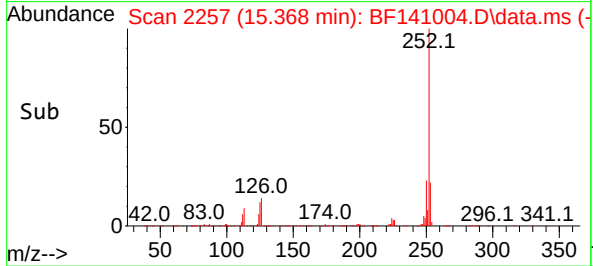
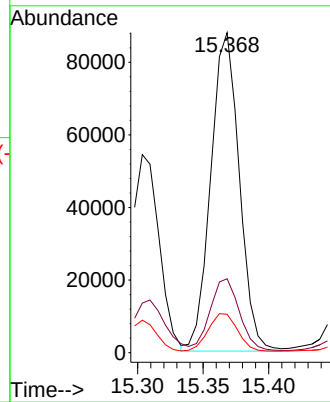
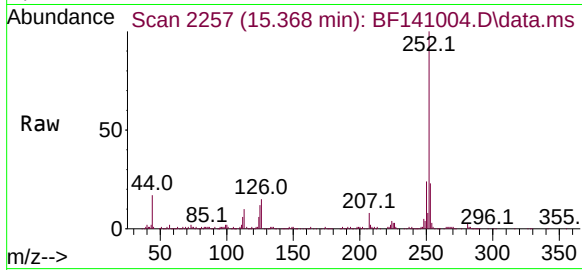
125 12.0 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#92

Benzo(g,h,i)perylene

Concen: 2.086 ng

RT: 17.298 min Scan# 2585

Delta R.T. -0.035 min

Lab File: BF141004.D

Acq: 27 Dec 2024 18:39

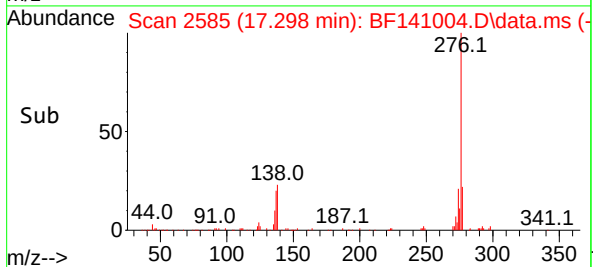
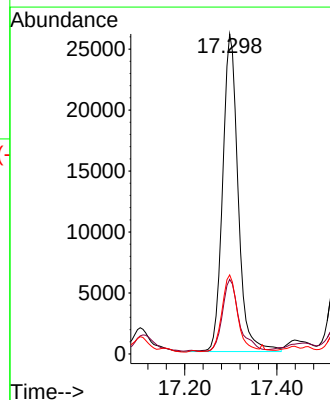
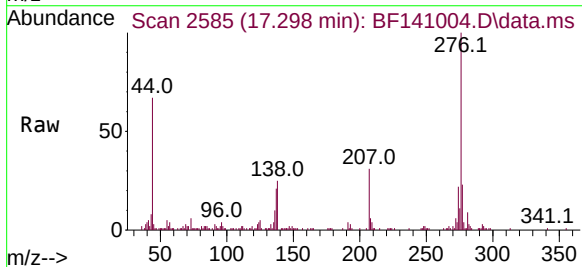
Tgt Ion:276 Resp: 60508

Ion Ratio Lower Upper

276 100

277 23.3 19.0 28.4

138 24.7 19.4 29.2



Report of Analysis

Client:	Kleinfelder	Date Collected:	12/20/24
Project:	Comegys School	Date Received:	12/23/24
Client Sample ID:	COMP-2	SDG No.:	P5382
Lab Sample ID:	P5382-02	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	82.5
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		GPC Factor :	1.0
Prep Method :	SW3541	Level :	LOW
		Final Vol:	1000 uL
		Test:	SVOCMS Group1
		GPC Cleanup :	N
		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141007.D	1	12/26/24 09:10	12/27/24 19:58	PB165845

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	99.8	U	99.8	210	ug/Kg
86-73-7	Fluorene	100	U	100	210	ug/Kg
85-01-8	Phenanthrene	140	JQ	100	210	ug/Kg
120-12-7	Anthracene	100	UQ	100	210	ug/Kg
129-00-0	Pyrene	170	J	100	210	ug/Kg
56-55-3	Benzo(a)anthracene	120	J	97.5	210	ug/Kg
218-01-9	Chrysene	100	J	96.1	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	J	98.0	210	ug/Kg
50-32-8	Benzo(a)pyrene	110	UQ	110	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	94.4	UQ	94.4	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	96.8	U	96.8	210	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	83.3		18 - 107	83%	SPK: 100
321-60-8	2-Fluorobiphenyl	68.9		20 - 109	69%	SPK: 100
1718-51-0	Terphenyl-d14	63.3		10 - 105	63%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	252000	6.822			
1146-65-2	Naphthalene-d8	997000	8.104			
15067-26-2	Acenaphthene-d10	527000	9.857			
1517-22-2	Phenanthrene-d10	805000	11.339			
1719-03-5	Chrysene-d12	503000	13.974			
1520-96-3	Perylene-d12	506000	15.433			

Report of Analysis

Client:	Kleinfelder	Date Collected:	12/20/24
Project:	Comegys School	Date Received:	12/23/24
Client Sample ID:	COMP-2	SDG No.:	P5382
Lab Sample ID:	P5382-02	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	82.5
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	SVOCMS Group1
	Decanted :	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
BF141007.D	1	12/26/24 09:10	12/27/24 19:58	PB165845

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\BF122724\
 Data File : BF141007.D
 Acq On : 27 Dec 2024 19:58
 Operator : RC/JU
 Sample : P5382-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/30/2024
 Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 27 22:21:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	251588	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	996554	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	526548	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	804705	20.000	ng	0.00
76) Chrysene-d12	13.974	240	502976	20.000	ng	-0.01
86) Perylene-d12	15.433	264	505972	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1627005	97.481	ng	0.00
7) Phenol-d6	6.439	99	2086451	97.040	ng	-0.01
23) Nitrobenzene-d5	7.381	82	1297392	83.291	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	518546	101.348	ng	-0.01
45) 2-Fluorobiphenyl	9.180	172	2275994	68.867	ng	0.00
79) Terphenyl-d14	12.927	244	1915517	63.257	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.363	178	148631	3.509	ng	98
75) Fluoranthene	12.551	202	220704	4.805	ng	97
78) Pyrene	12.780	202	181359	4.123	ng	98
81) Benzo(a)anthracene	13.968	228	104209	2.973	ng	98
83) Chrysene	13.998	228	79533	2.517	ng	97
88) Benzo(b)fluoranthene	15.009	252	112779m	3.196	ng	
90) Benzo(a)pyrene	15.368	252	70867	2.587	ng	# 95

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

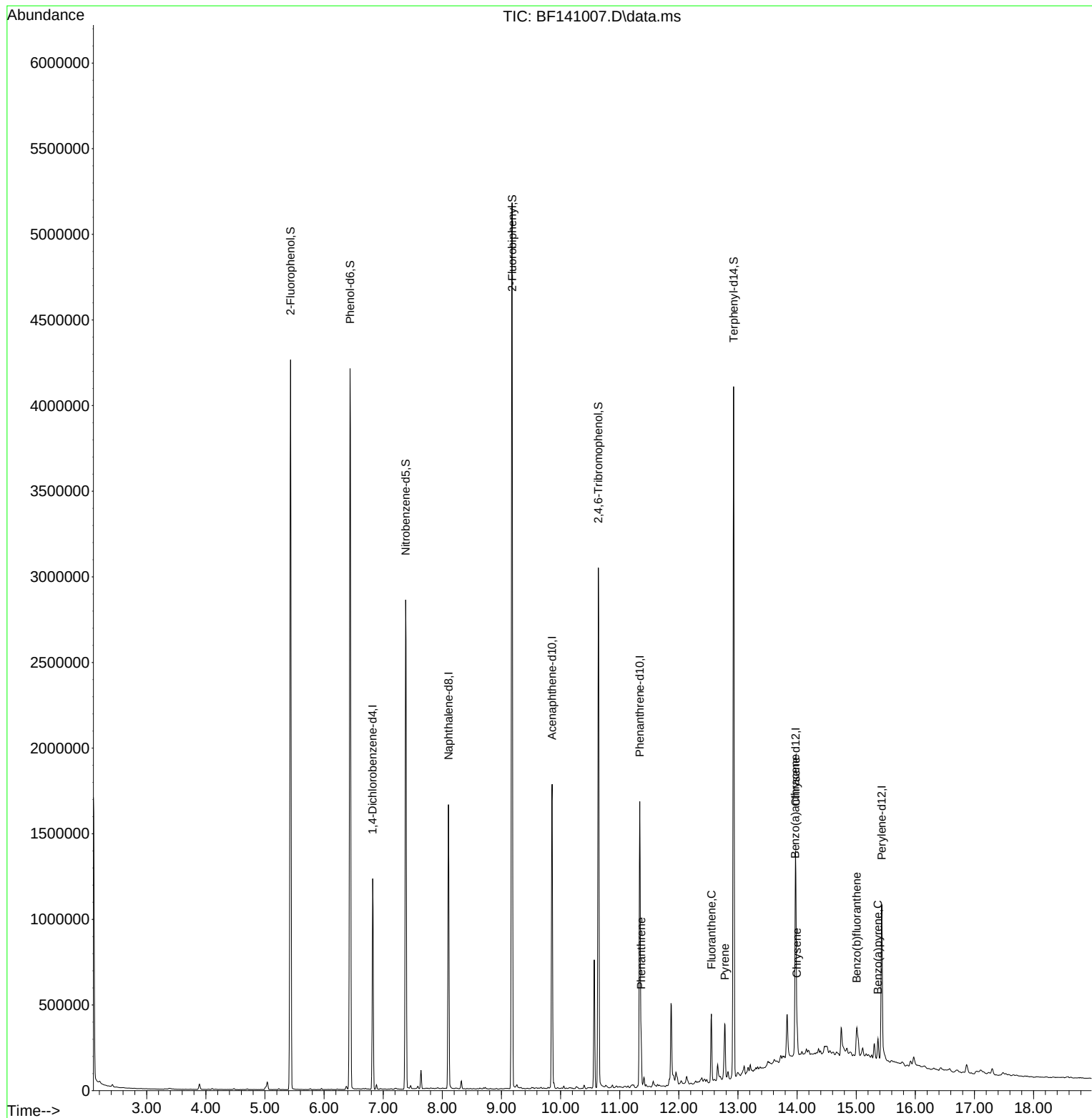
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
Data File : BF141007.D
Acq On : 27 Dec 2024 19:58
Operator : RC/JU
Sample : P5382-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

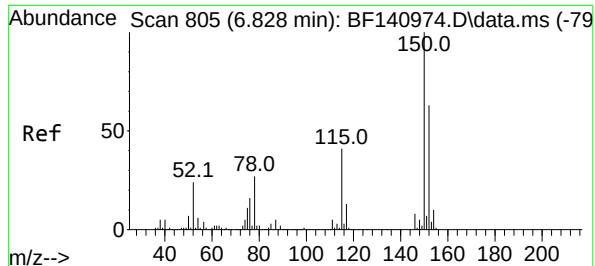
Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Time: Dec 27 22:21:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:31:16 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

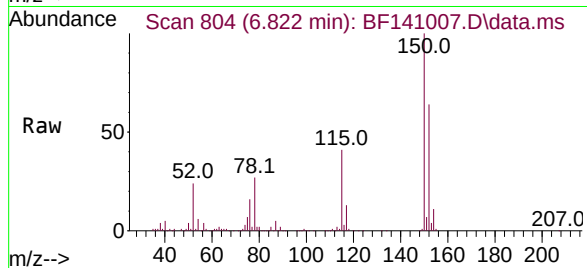
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF141007.D
Acq: 27 Dec 2024 19:58

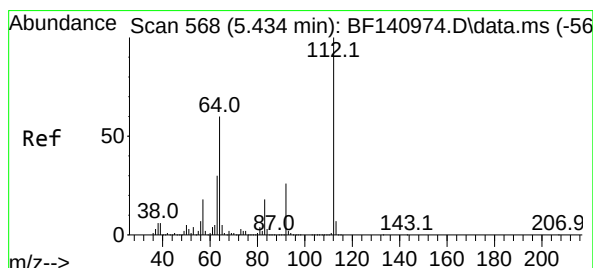
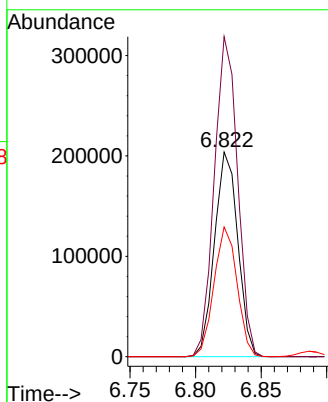
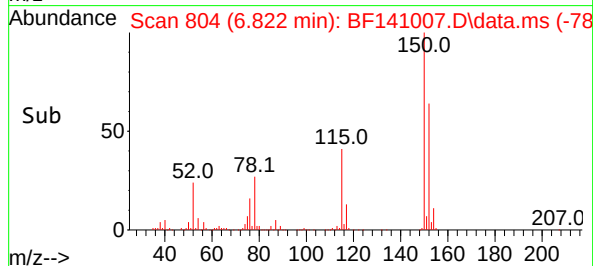
Instrument :
BNA_F
ClientSampleId :
COMP-2



Tgt Ion:152 Resp: 251588
Ion Ratio Lower Upper
152 100
150 156.4 127.0 190.6
115 63.4 51.7 77.5

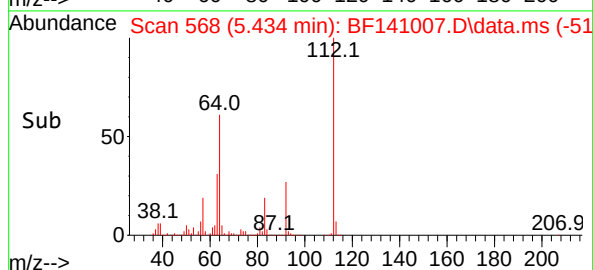
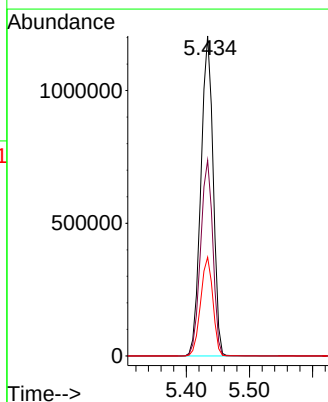
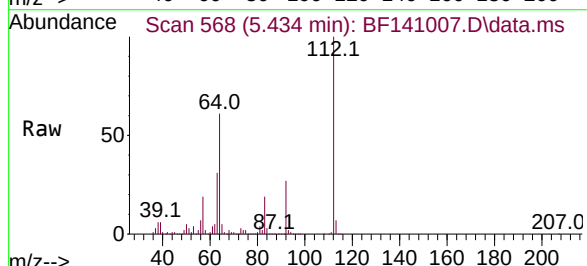
Manual Integrations
APPROVED

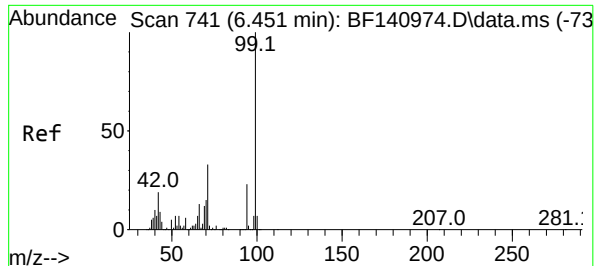
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#5
2-Fluorophenol
Concen: 97.481 ng
RT: 5.434 min Scan# 568
Delta R.T. -0.000 min
Lab File: BF141007.D
Acq: 27 Dec 2024 19:58

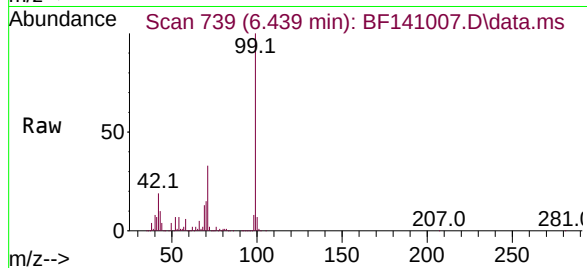
Tgt Ion:112 Resp: 1627005
Ion Ratio Lower Upper
112 100
64 61.1 47.7 71.5
63 30.8 24.2 36.2





#7
Phenol-d6
Concen: 97.040 ng
RT: 6.439 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141007.D
Acq: 27 Dec 2024 19:58

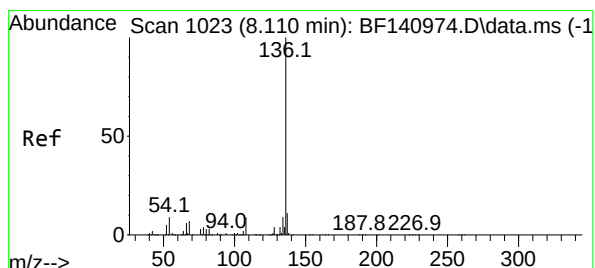
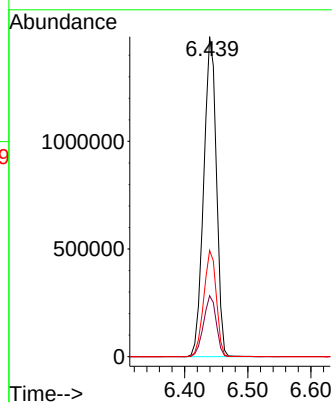
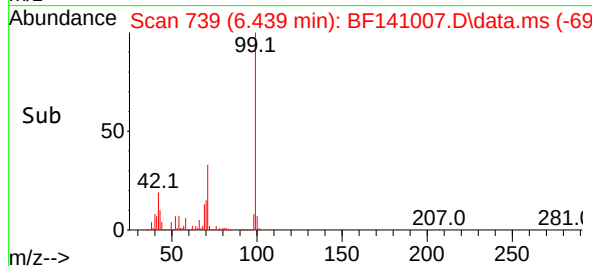
Instrument :
BNA_F
ClientSampleId :
COMP-2



Tgt Ion: 99 Resp: 208645
Ion Ratio Lower Upper
99 100
42 19.1 15.0 22.4
71 33.2 26.2 39.2

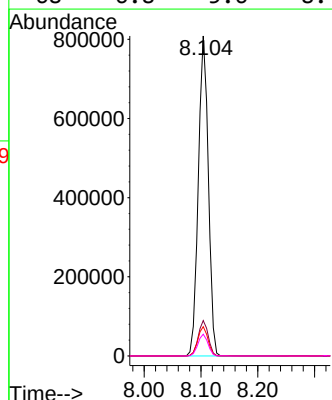
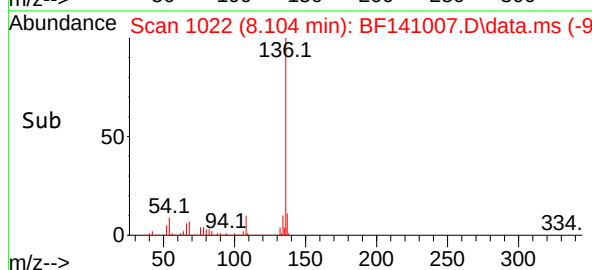
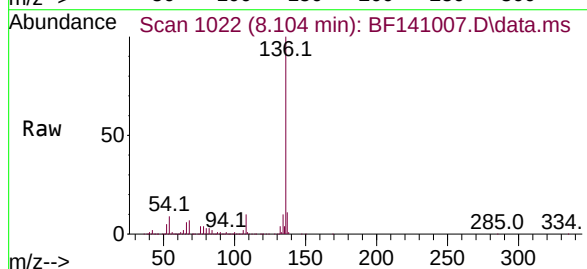
Manual Integrations
APPROVED

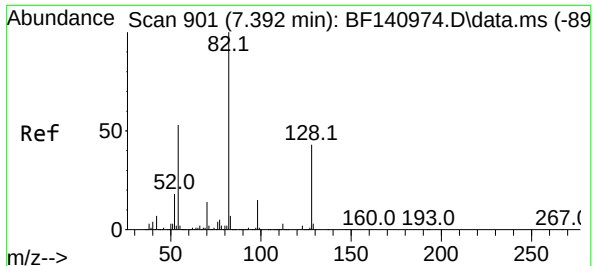
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141007.D
Acq: 27 Dec 2024 19:58

Tgt Ion:136 Resp: 996554
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 9.2 7.6 11.4
68 6.8 5.6 8.4





#23

Nitrobenzene-d5

Concen: 83.291 ng

RT: 7.381 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF141007.D

Acq: 27 Dec 2024 19:58

Instrument :

BNA_F

ClientSampleId :

COMP-2

Tgt Ion: 82 Resp: 1297392

Ion Ratio Lower Upper

82 100

128 43.8 34.4 51.6

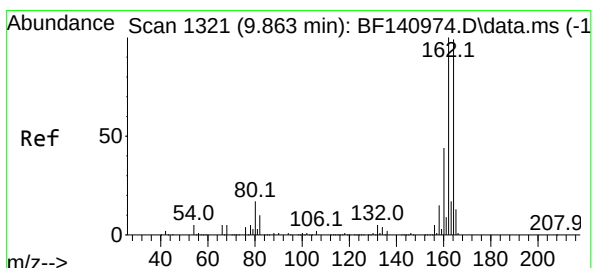
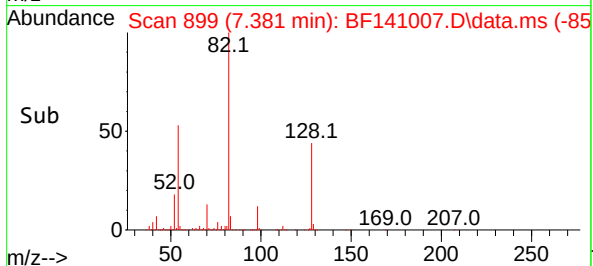
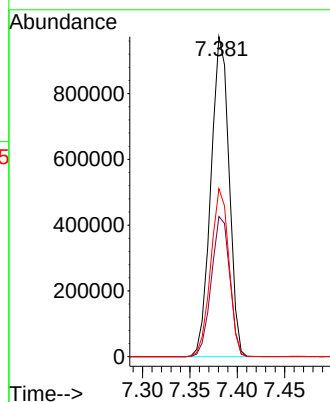
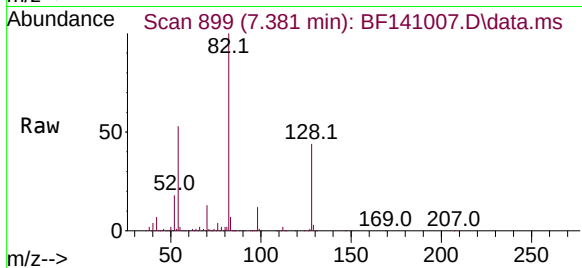
54 52.5 42.4 63.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1320

Delta R.T. -0.006 min

Lab File: BF141007.D

Acq: 27 Dec 2024 19:58

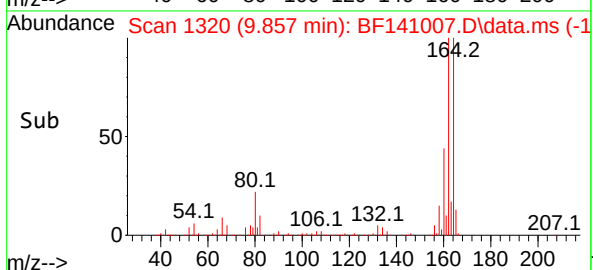
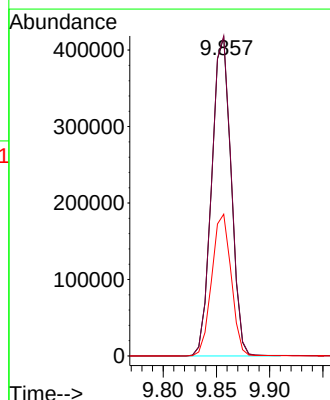
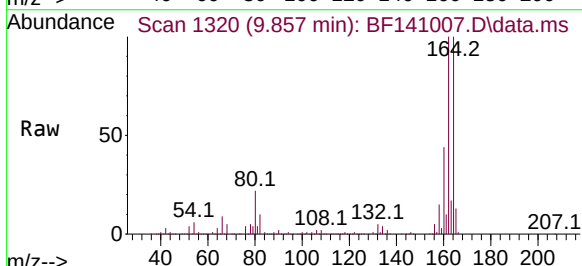
Tgt Ion:164 Resp: 526548

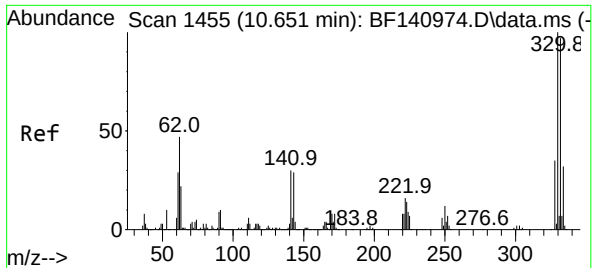
Ion Ratio Lower Upper

164 100

162 100.5 80.6 120.8

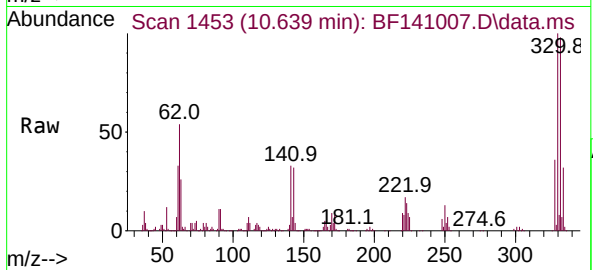
160 44.5 35.7 53.5





#42
2,4,6-Tribromophenol
Concen: 101.348 ng
RT: 10.639 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF141007.D
Acq: 27 Dec 2024 19:58

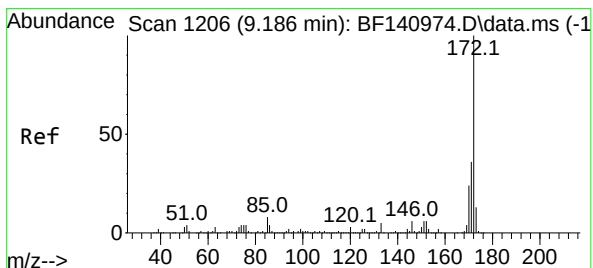
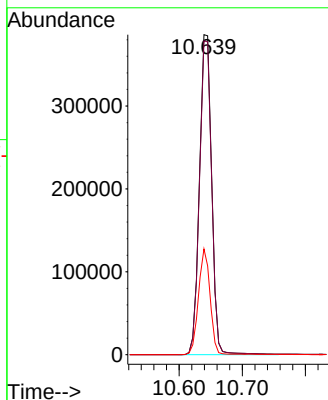
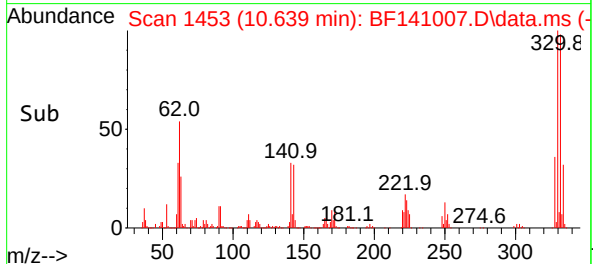
Instrument :
BNA_F
ClientSampleId :
COMP-2



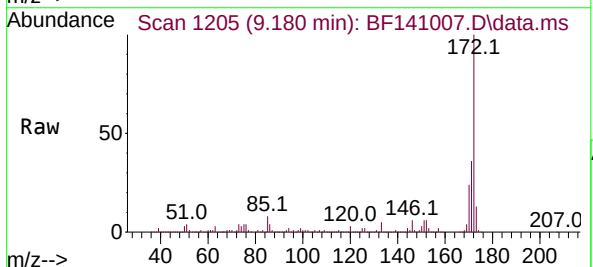
Tgt Ion: 330 Resp: 518540
Ion Ratio Lower Upper
330 100
332 98.1 78.0 117.0
141 31.6 26.4 39.6

Manual Integrations
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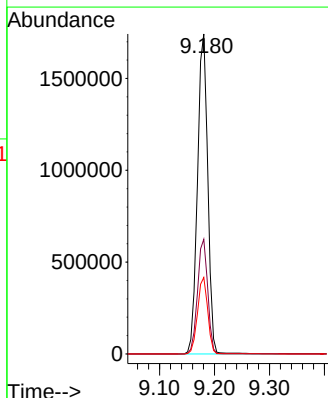
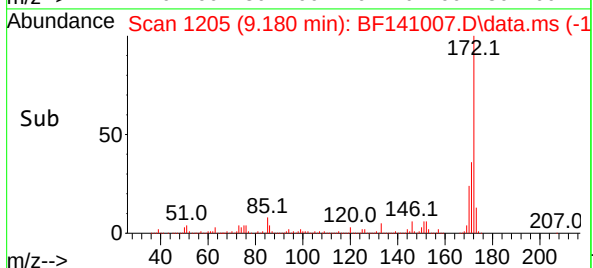
Reviewed By : Yogesh Patel 12/30/2024
Supervised By : mohammad ahmed 12/30/2024

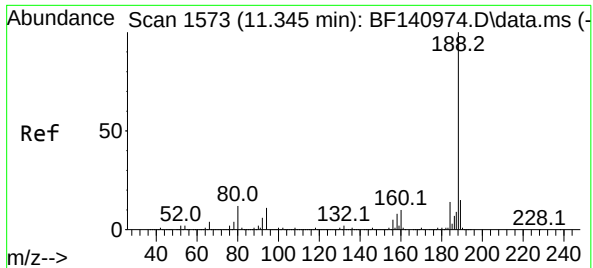


#45
2-Fluorobiphenyl
Concen: 68.867 ng
RT: 9.180 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF141007.D
Acq: 27 Dec 2024 19:58



Tgt Ion: 172 Resp: 2275994
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.4
170 23.9 19.6 29.4





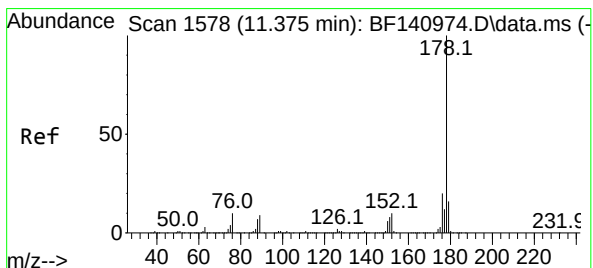
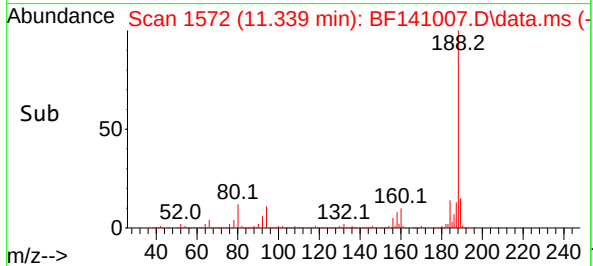
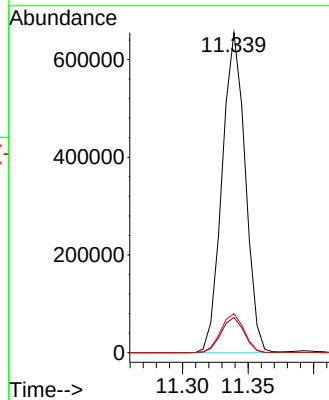
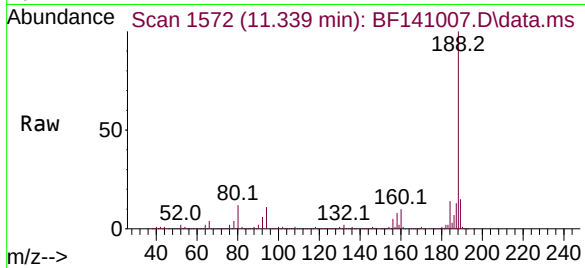
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF141007.D
Acq: 27 Dec 2024 19:58

Instrument :
BNA_F
ClientSampleId :
COMP-2

Tgt Ion:188 Resp: 80470
Ion Ratio Lower Upper
188 100
94 11.0 9.0 13.6
80 12.2 9.8 14.6

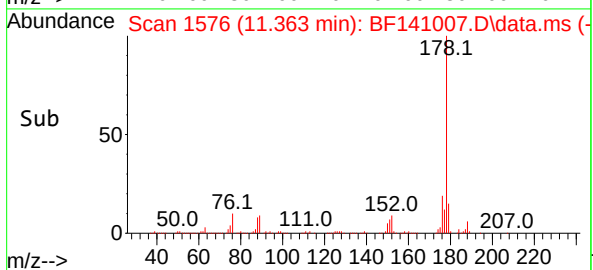
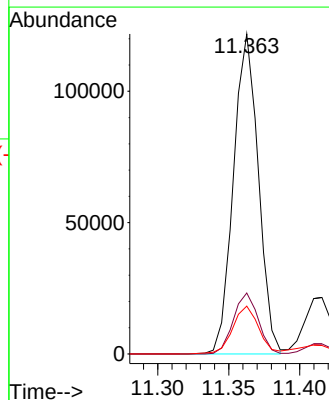
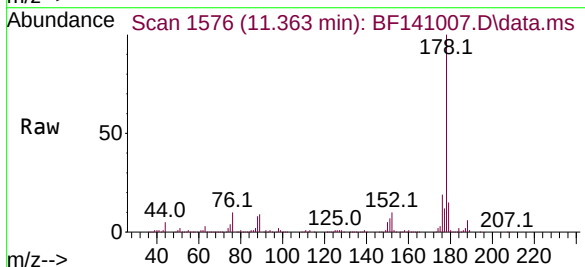
Manual Integrations
APPROVED

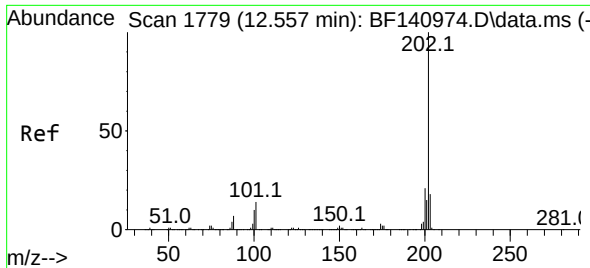
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#71
Phenanthrene
Concen: 3.509 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BF141007.D
Acq: 27 Dec 2024 19:58

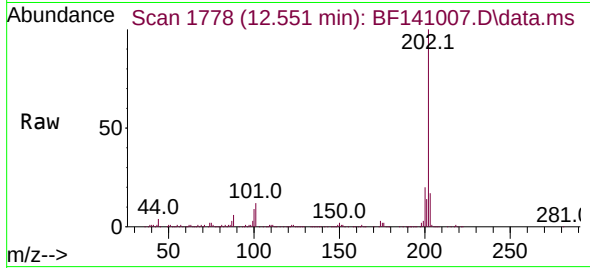
Tgt Ion:178 Resp: 148631
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.6
179 15.0 12.6 19.0





#75
Fluoranthene
Concen: 4.805 ng
RT: 12.551 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141007.D
Acq: 27 Dec 2024 19:58

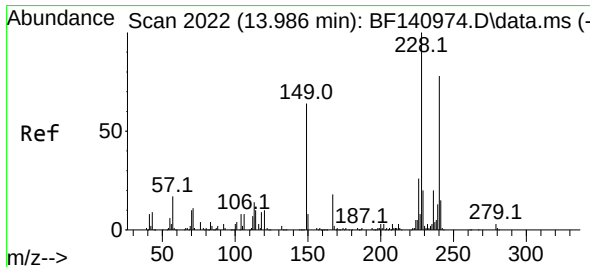
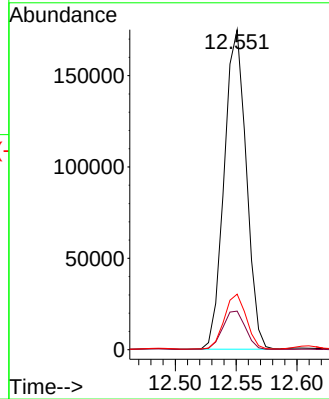
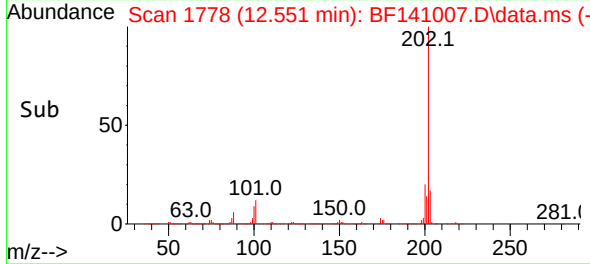
Instrument :
BNA_F
ClientSampleId :
COMP-2



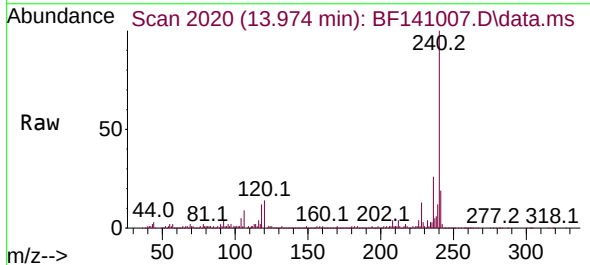
Tgt Ion:202 Resp: 220704
Ion Ratio Lower Upper
202 100
101 12.1 0.0 33.7
203 17.4 0.0 38.1

Manual Integrations
APPROVED

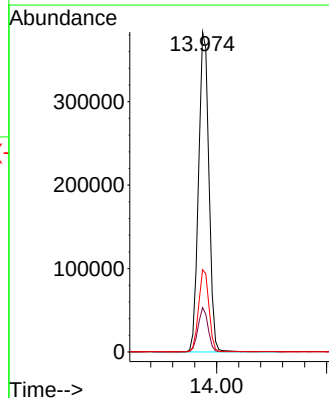
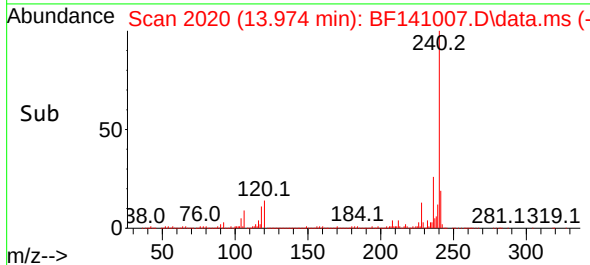
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

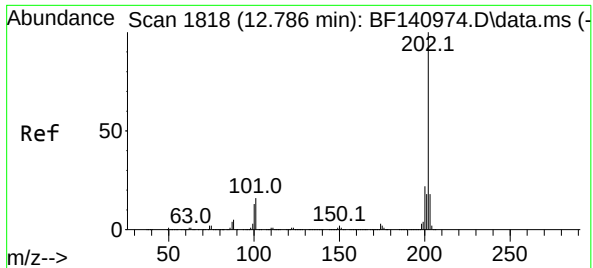


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF141007.D
Acq: 27 Dec 2024 19:58



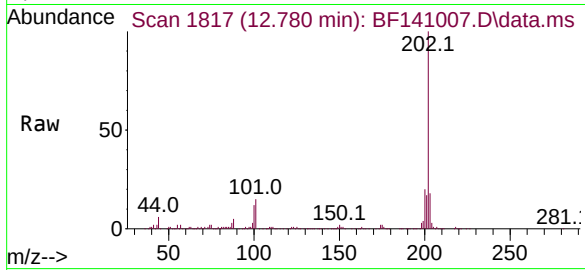
Tgt Ion:240 Resp: 502976
Ion Ratio Lower Upper
240 100
120 13.8 10.7 16.1
236 25.7 20.6 31.0





#78
Pyrene
Concen: 4.123 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF141007.D
Acq: 27 Dec 2024 19:58

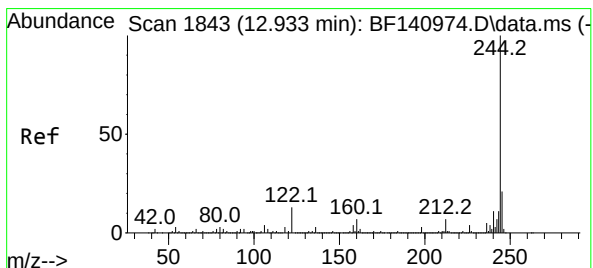
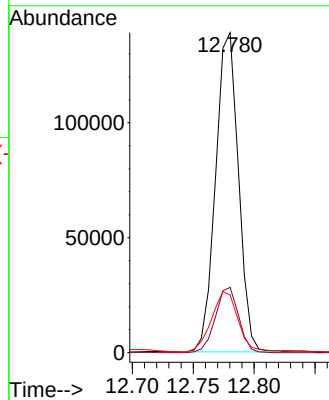
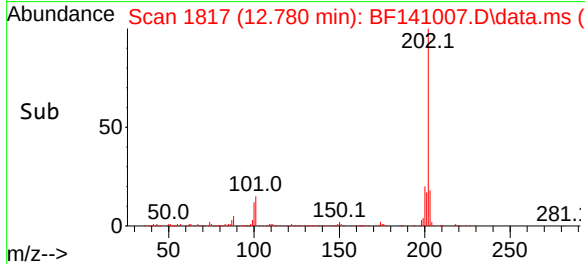
Instrument :
BNA_F
ClientSampleId :
COMP-2



Tgt Ion:202 Resp: 181359
Ion Ratio Lower Upper
202 100
200 20.4 17.3 25.9
203 18.0 14.6 21.8

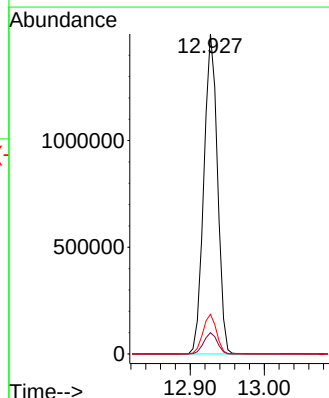
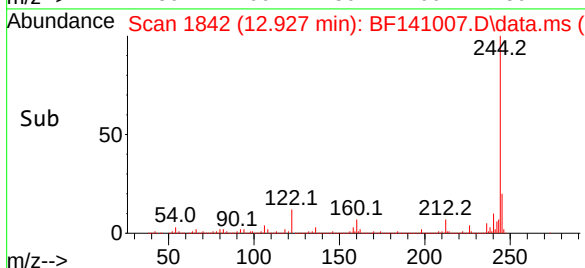
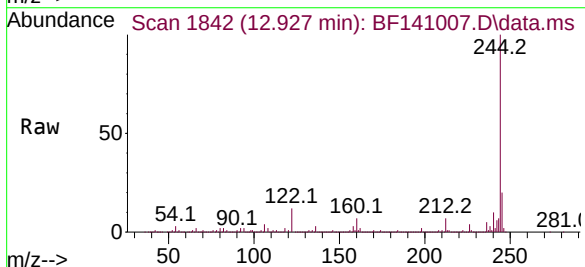
Manual Integrations
APPROVED

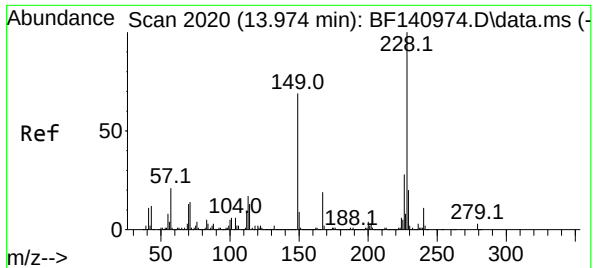
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#79
Terphenyl-d14
Concen: 63.257 ng
RT: 12.927 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BF141007.D
Acq: 27 Dec 2024 19:58

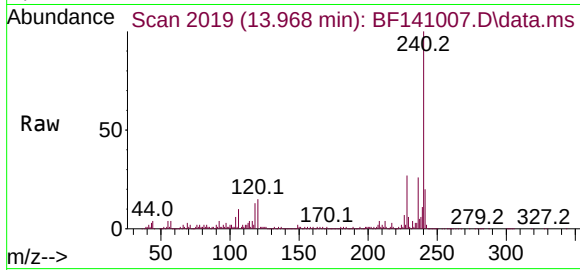
Tgt Ion:244 Resp: 1915517
Ion Ratio Lower Upper
244 100
212 6.6 5.7 8.5
122 12.4 10.2 15.2





#81
Benzo(a)anthracene
Concen: 2.973 ng
RT: 13.968 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF141007.D
Acq: 27 Dec 2024 19:58

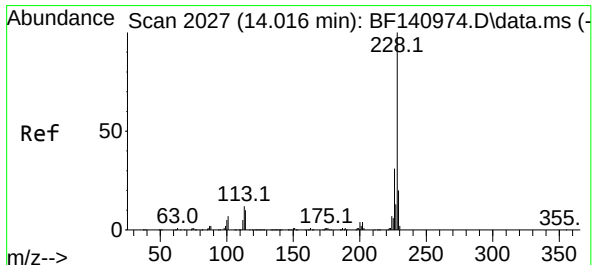
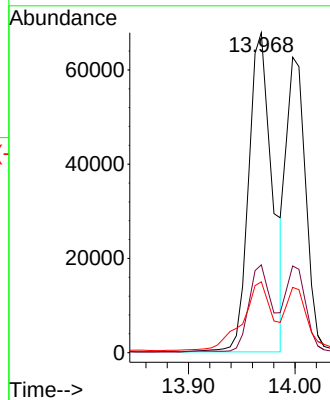
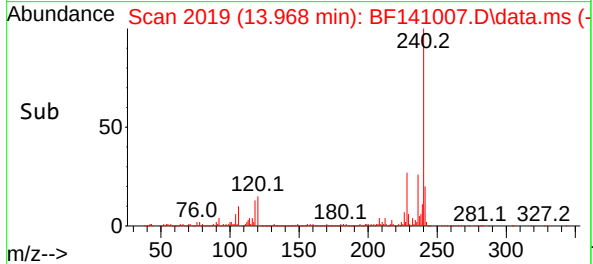
Instrument :
BNA_F
ClientSampleId :
COMP-2



Tgt Ion:228 Resp: 104209
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 22.2 16.2 24.2

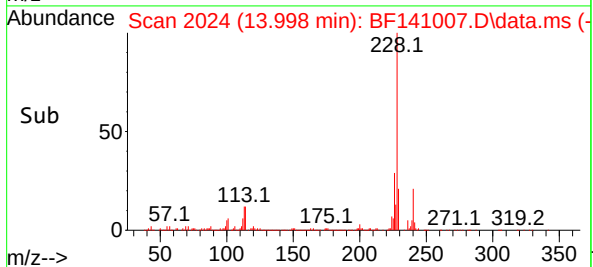
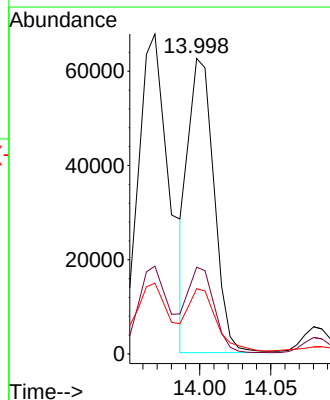
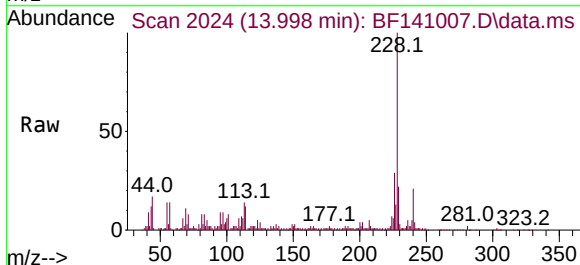
Manual Integrations
APPROVED

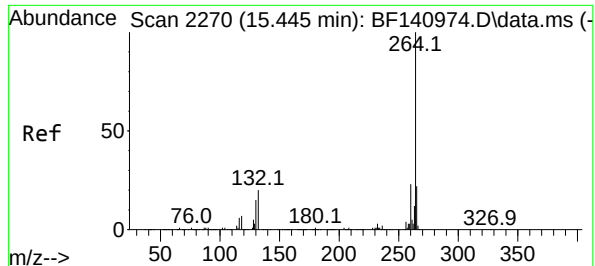
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#83
Chrysene
Concen: 2.517 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.018 min
Lab File: BF141007.D
Acq: 27 Dec 2024 19:58

Tgt Ion:228 Resp: 79533
Ion Ratio Lower Upper
228 100
226 29.3 24.5 36.7
229 22.1 16.2 24.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.433 min Scan# 2196

Delta R.T. -0.012 min

Lab File: BF141007.D

Acq: 27 Dec 2024 19:58

Instrument :

BNA_F

ClientSampleId :

COMP-2

Tgt Ion:264 Resp: 505972

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

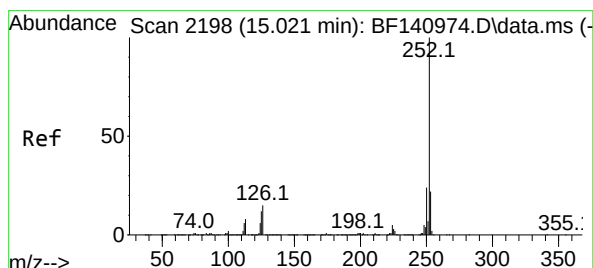
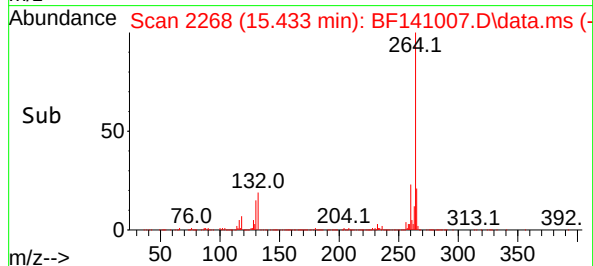
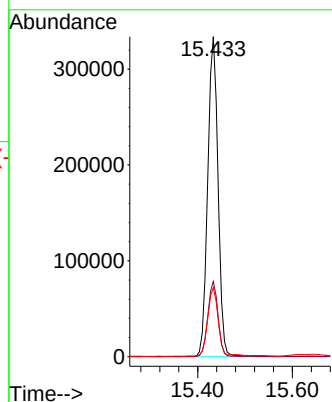
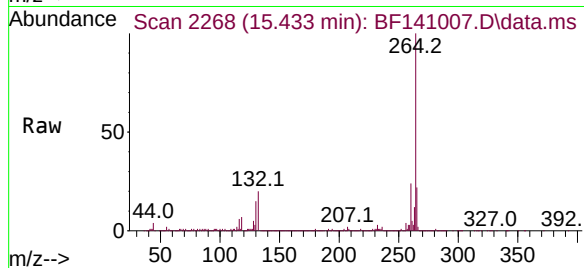
265 21.6 17.4 26.2

Manual Integrations

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Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#88

Benzo(b)fluoranthene

Concen: 3.196 ng m

RT: 15.009 min Scan# 2196

Delta R.T. -0.012 min

Lab File: BF141007.D

Acq: 27 Dec 2024 19:58

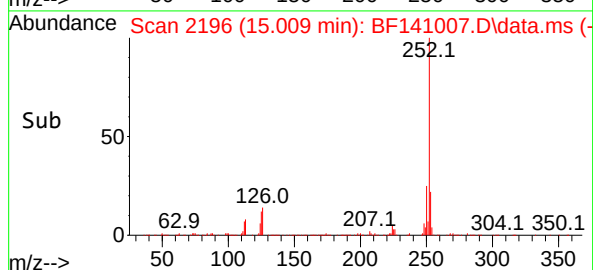
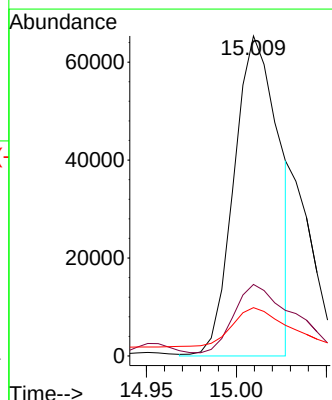
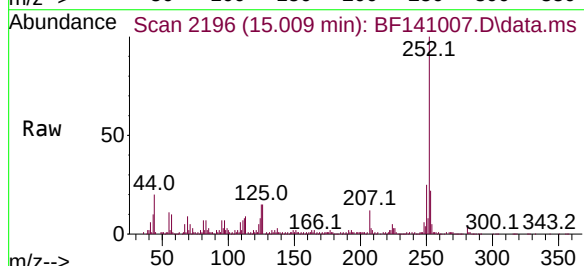
Tgt Ion:252 Resp: 112779

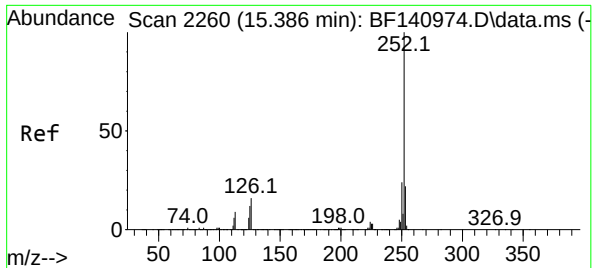
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 15.1 9.3 13.9#





#90

Benzo(a)pyrene

Concen: 2.587 ng

RT: 15.368 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF141007.D

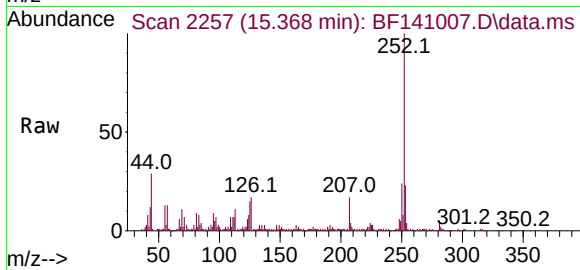
Acq: 27 Dec 2024 19:58

Instrument :

BNA_F

ClientSampleId :

COMP-2



Tgt Ion:252 Resp: 7086

Ion Ratio Lower Upper

252 100

253 22.8 17.2 25.8

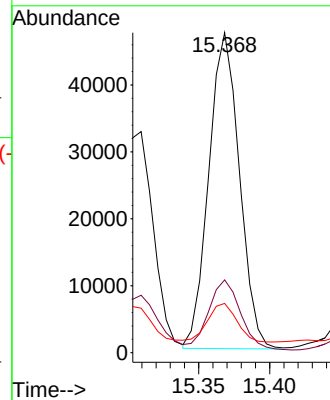
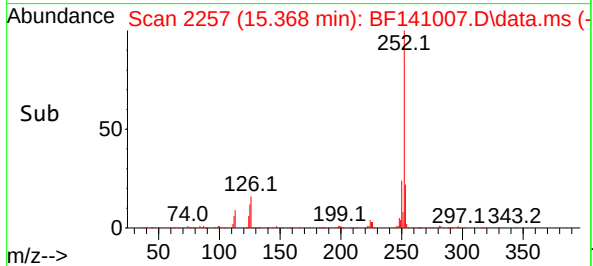
125 15.4 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



Report of Analysis

Client:	Kleinfelder	Date Collected:	12/20/24
Project:	Comegys School	Date Received:	12/23/24
Client Sample ID:	COMP-3	SDG No.:	P5382
Lab Sample ID:	P5382-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	82.8
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BF141008.D	1	12/26/24 09:10	12/27/24 20:24	PB165845

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	99.6	U	99.6	210	ug/Kg
86-73-7	Fluorene	100	U	100	210	ug/Kg
85-01-8	Phenanthrene	100	UQ	100	210	ug/Kg
120-12-7	Anthracene	100	UQ	100	210	ug/Kg
129-00-0	Pyrene	100	U	100	210	ug/Kg
56-55-3	Benzo(a)anthracene	97.3	U	97.3	210	ug/Kg
218-01-9	Chrysene	95.9	U	95.9	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	97.8	U	97.8	210	ug/Kg
50-32-8	Benzo(a)pyrene	110	UQ	110	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	94.2	UQ	94.2	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	96.6	U	96.6	210	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	77.2		18 - 107	77%	SPK: 100
321-60-8	2-Fluorobiphenyl	67.7		20 - 109	68%	SPK: 100
1718-51-0	Terphenyl-d14	55.3		10 - 105	55%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	261000	6.822			
1146-65-2	Naphthalene-d8	1030000	8.104			
15067-26-2	Acenaphthene-d10	517000	9.857			
1517-22-2	Phenanthrene-d10	712000	11.339			
1719-03-5	Chrysene-d12	541000	13.974			
1520-96-3	Perylene-d12	441000	15.427			

Report of Analysis

Client:	Kleinfelder	Date Collected:	12/20/24
Project:	Comegys School	Date Received:	12/23/24
Client Sample ID:	COMP-3	SDG No.:	P5382
Lab Sample ID:	P5382-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	82.8
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	SVOCMS Group1
	Decanted :	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
BF141008.D	1	12/26/24 09:10	12/27/24 20:24	PB165845

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\BF122724\
Data File : BF141008.D
Acq On : 27 Dec 2024 20:24
Operator : RC/JU
Sample : P5382-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-3

Quant Time: Dec 27 22:21:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:31:16 2024
Response via : Initial Calibration

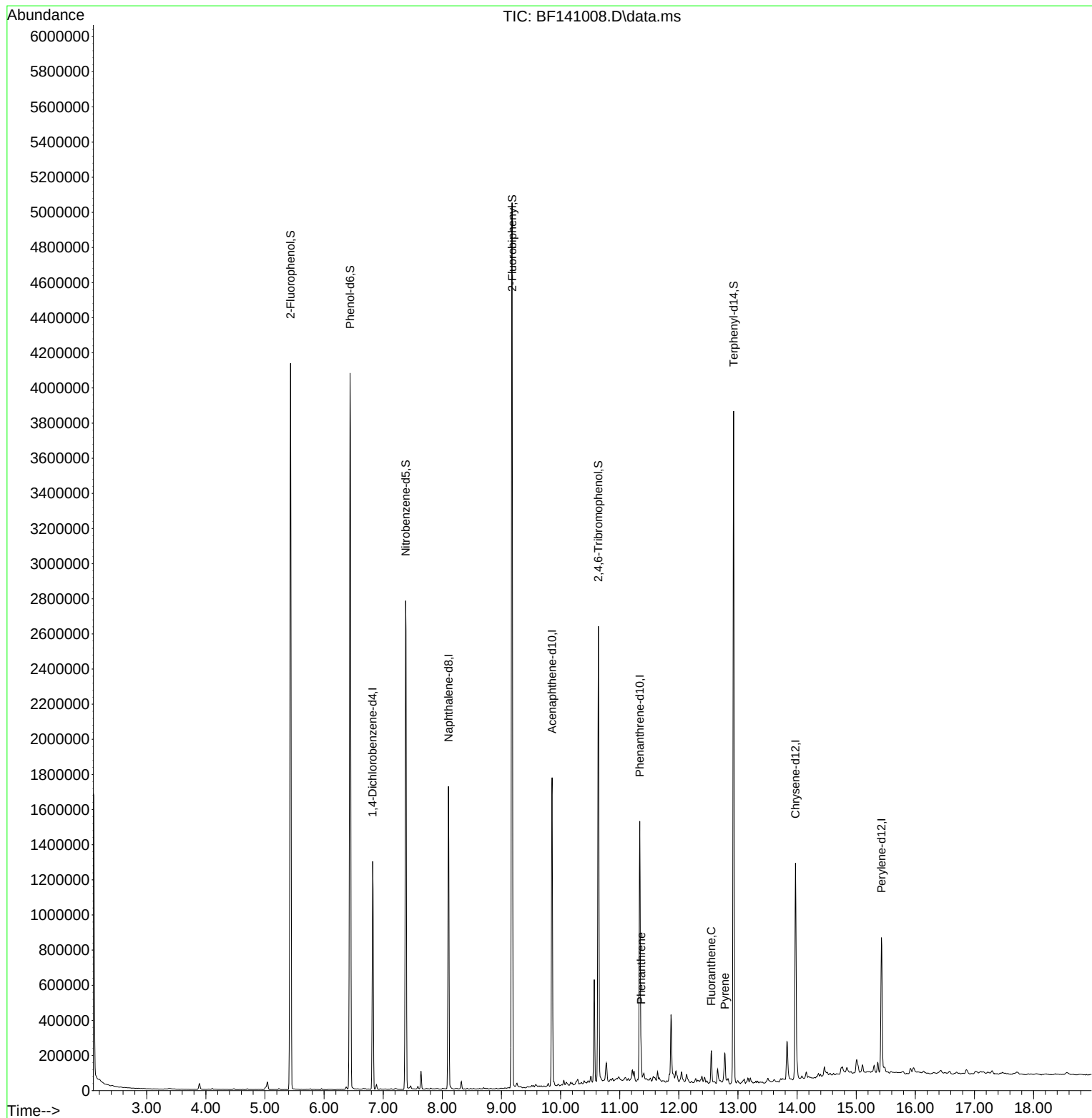
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	261409	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	1032364	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	517375	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	711998	20.000	ng	0.00
76) Chrysene-d12	13.974	240	540701	20.000	ng	-0.01
86) Perylene-d12	15.427	264	441127	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1578664	91.031	ng	0.00
7) Phenol-d6	6.439	99	2014724	90.184	ng	-0.01
23) Nitrobenzene-d5	7.381	82	1245591	77.192	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	435474	86.621	ng	-0.01
45) 2-Fluorobiphenyl	9.180	172	2197892	67.683	ng	0.00
79) Terphenyl-d14	12.927	244	1799788	55.288	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.363	178	85156	2.272	ng	98
75) Fluoranthene	12.551	202	101661	2.501	ng	98
78) Pyrene	12.780	202	96107	2.032	ng	99

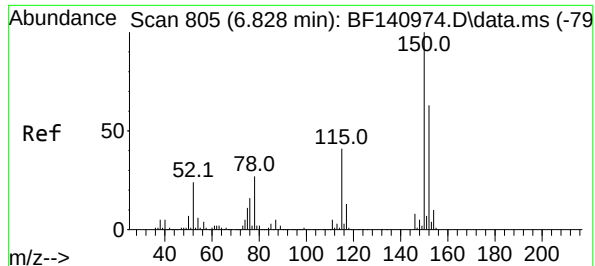
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
Data File : BF141008.D
Acq On : 27 Dec 2024 20:24
Operator : RC/JU
Sample : P5382-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-3

Quant Time: Dec 27 22:21:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:31:16 2024
Response via : Initial Calibration

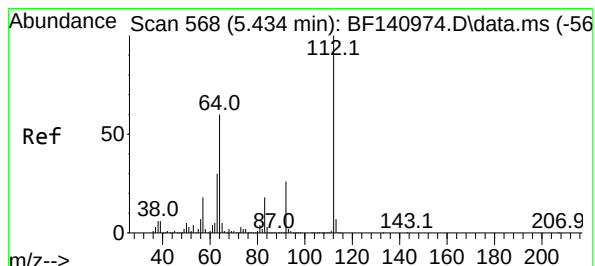
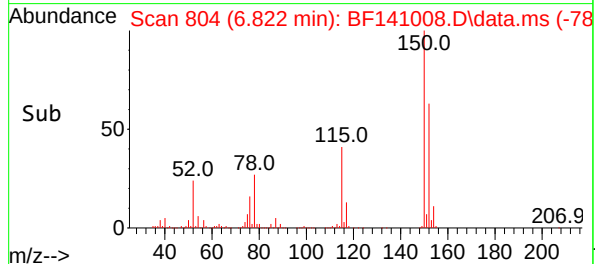
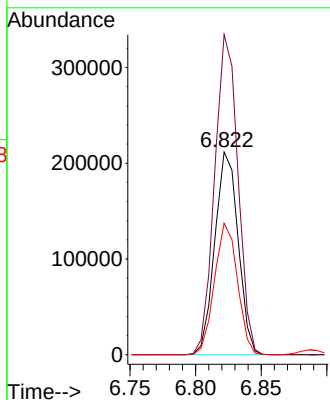
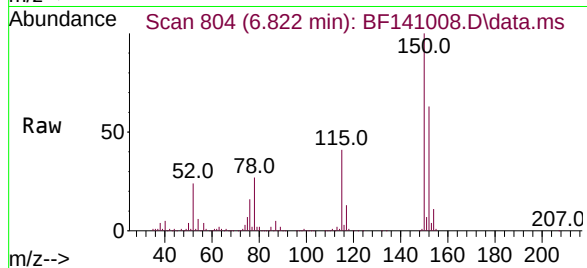




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF141008.D
Acq: 27 Dec 2024 20:24

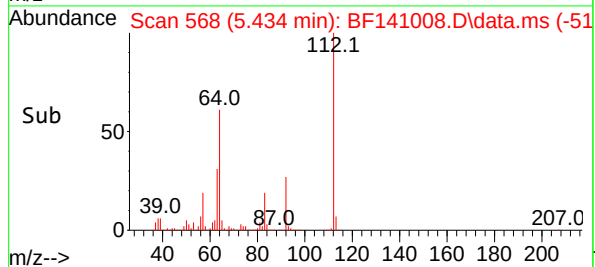
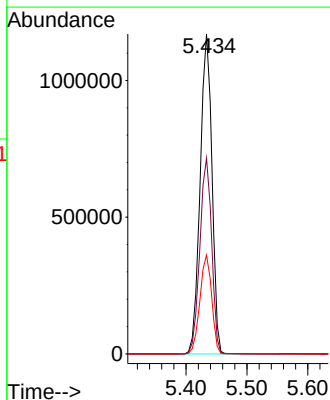
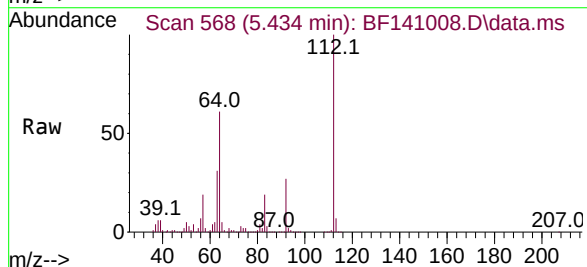
Instrument :
BNA_F
ClientSampleId :
COMP-3

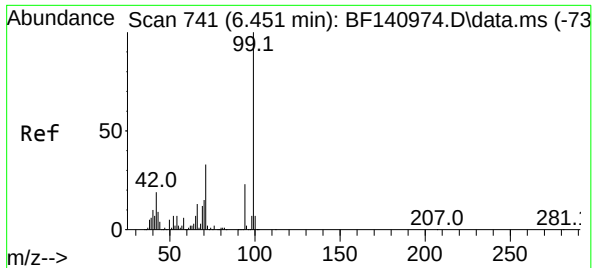
Tgt Ion:152 Resp: 261409
Ion Ratio Lower Upper
152 100
150 157.9 127.0 190.6
115 64.8 51.7 77.5



#5
2-Fluorophenol
Concen: 91.031 ng
RT: 5.434 min Scan# 568
Delta R.T. -0.000 min
Lab File: BF141008.D
Acq: 27 Dec 2024 20:24

Tgt Ion:112 Resp: 1578664
Ion Ratio Lower Upper
112 100
64 61.2 47.7 71.5
63 30.9 24.2 36.2

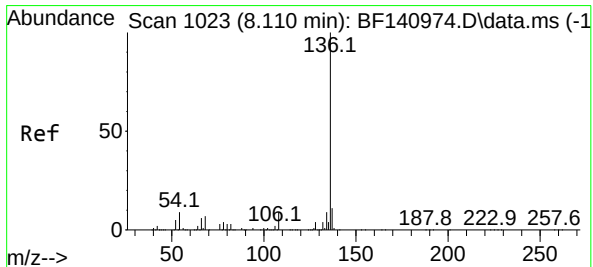
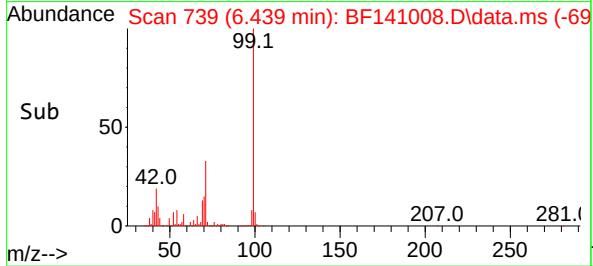
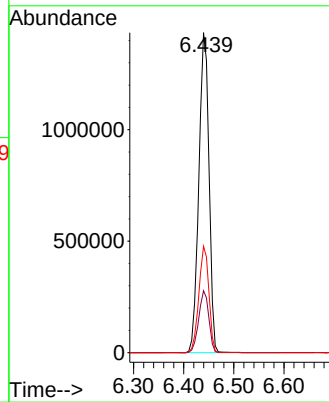
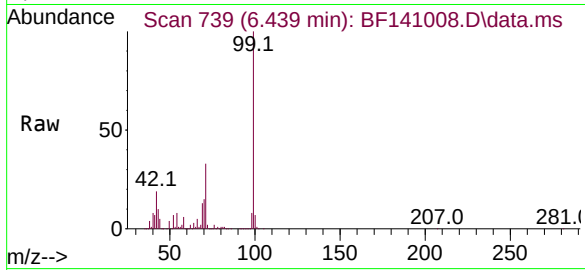




#7
Phenol-d6
Concen: 90.184 ng
RT: 6.439 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141008.D
Acq: 27 Dec 2024 20:24

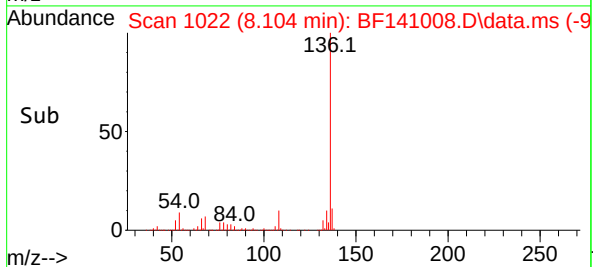
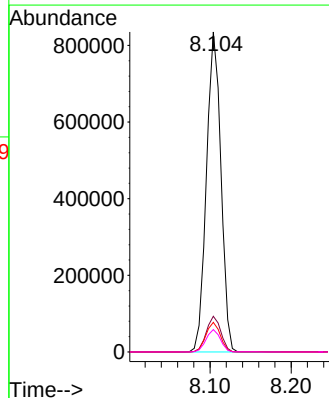
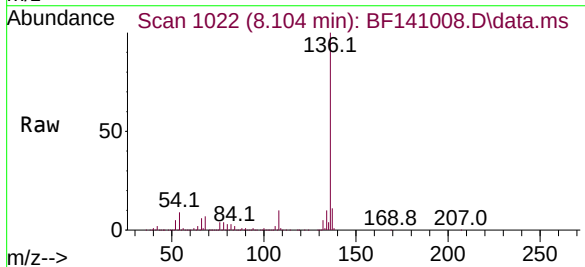
Instrument :
BNA_F
ClientSampleId :
COMP-3

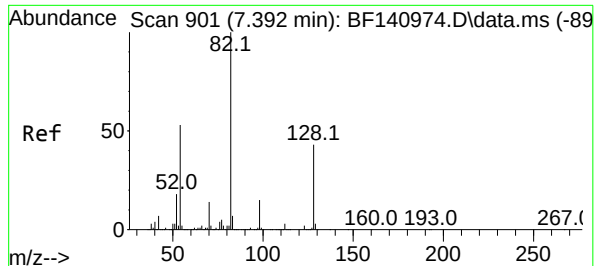
Tgt Ion: 99 Resp: 2014724
Ion Ratio Lower Upper
99 100
42 19.3 15.0 22.4
71 33.3 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141008.D
Acq: 27 Dec 2024 20:24

Tgt Ion: 136 Resp: 1032364
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 9.3 7.6 11.4
68 7.0 5.6 8.4





#23

Nitrobenzene-d5

Concen: 77.192 ng

RT: 7.381 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF141008.D

Acq: 27 Dec 2024 20:24

Instrument :

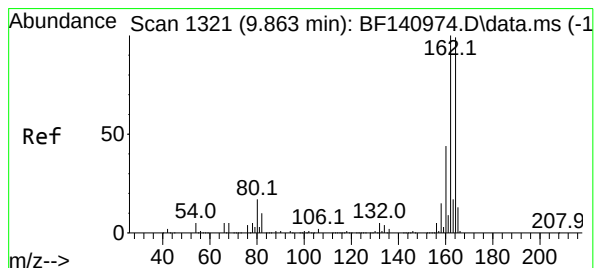
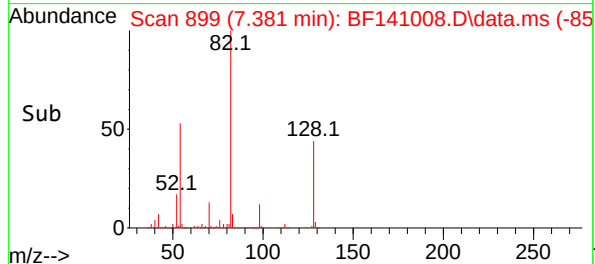
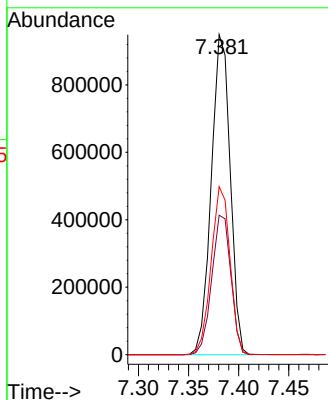
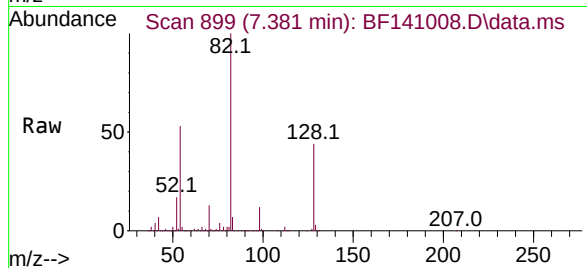
BNA_F

ClientSampleId :

COMP-3

Tgt Ion: 82 Resp: 1245591

Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.4	51.6
54	52.5	42.4	63.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1320

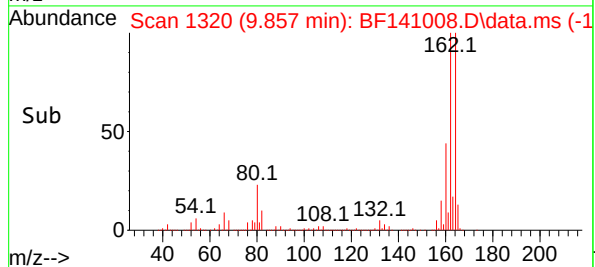
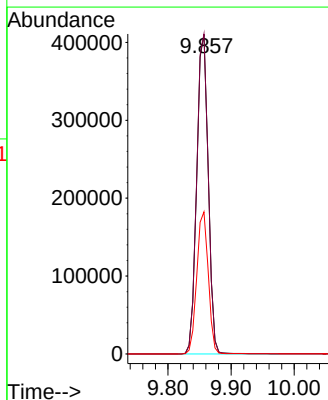
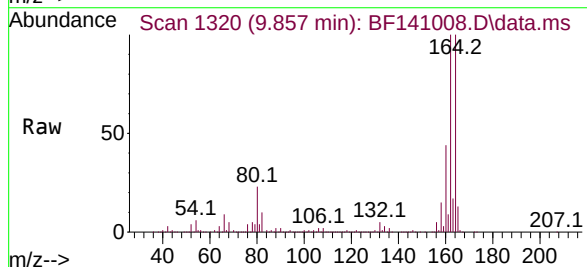
Delta R.T. -0.006 min

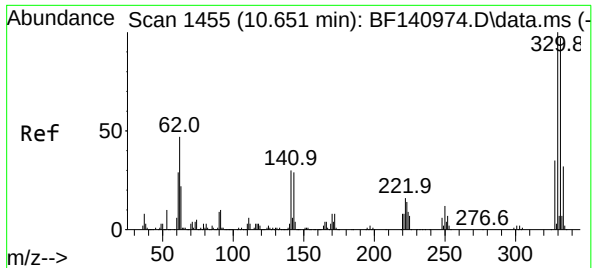
Lab File: BF141008.D

Acq: 27 Dec 2024 20:24

Tgt Ion: 164 Resp: 517375

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.6	120.8
160	44.4	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 86.621 ng

RT: 10.639 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BF141008.D

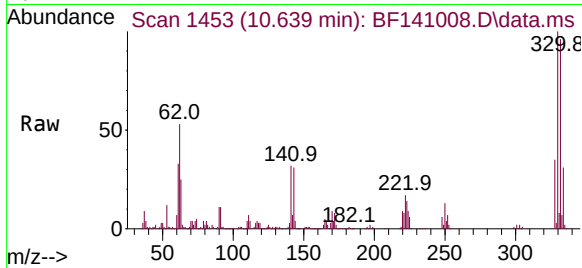
Acq: 27 Dec 2024 20:24

Instrument :

BNA_F

ClientSampleId :

COMP-3



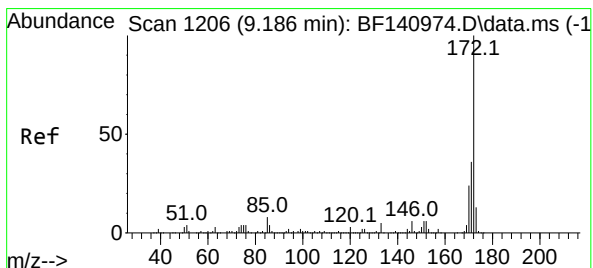
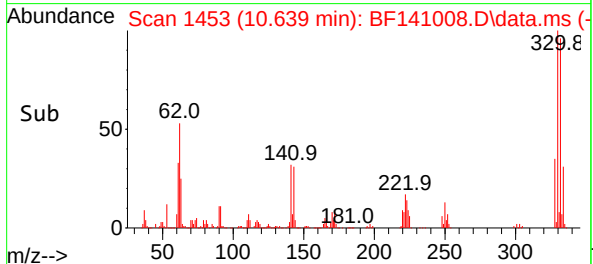
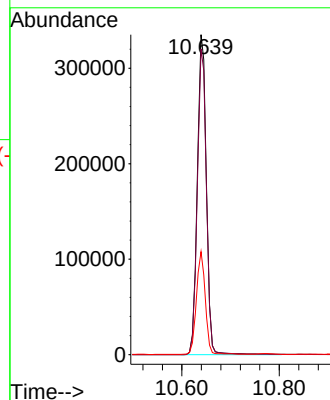
Tgt Ion:330 Resp: 435474

Ion Ratio Lower Upper

330 100

332 96.2 78.0 117.0

141 31.5 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 67.683 ng

RT: 9.180 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF141008.D

Acq: 27 Dec 2024 20:24

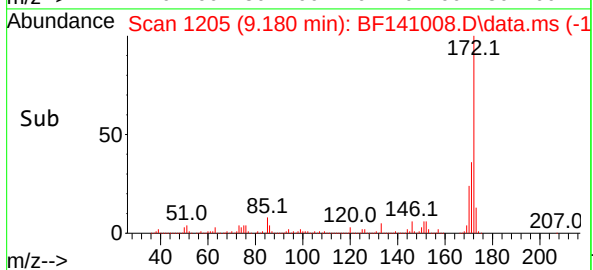
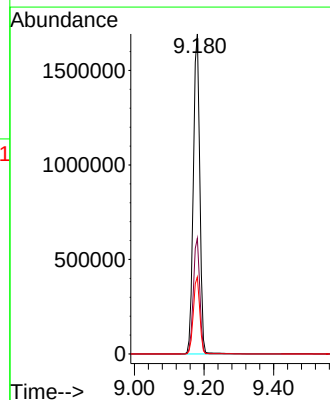
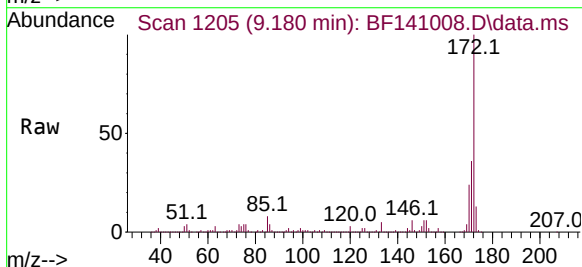
Tgt Ion:172 Resp: 2197892

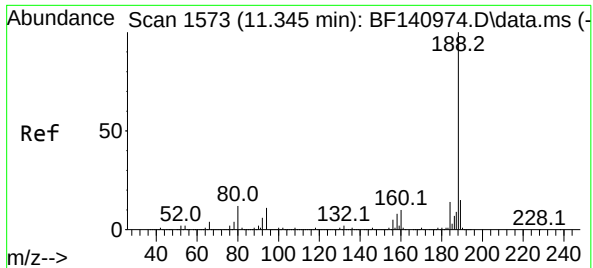
Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.4

170 24.1 19.6 29.4

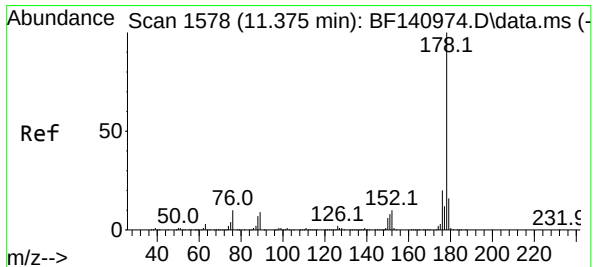
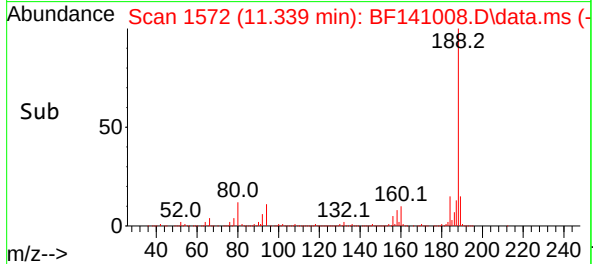
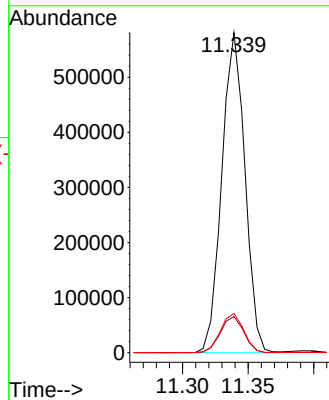
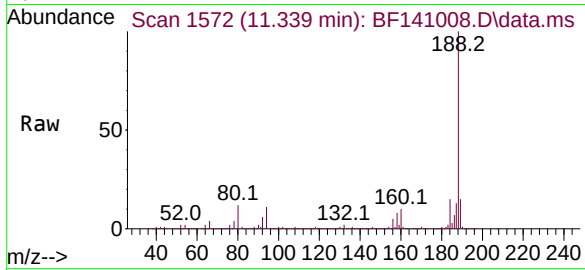




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141008.D
Acq: 27 Dec 2024 20:24

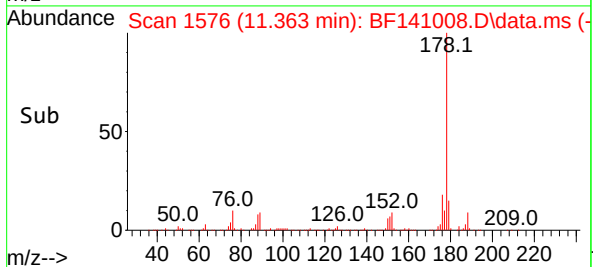
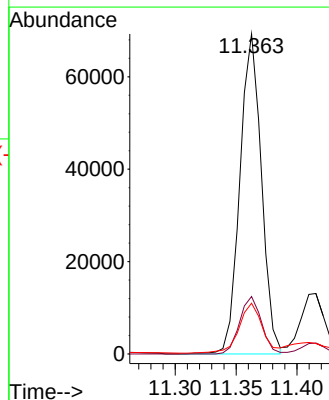
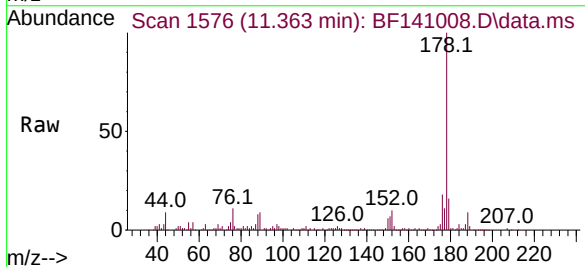
Instrument :
BNA_F
ClientSampleId :
COMP-3

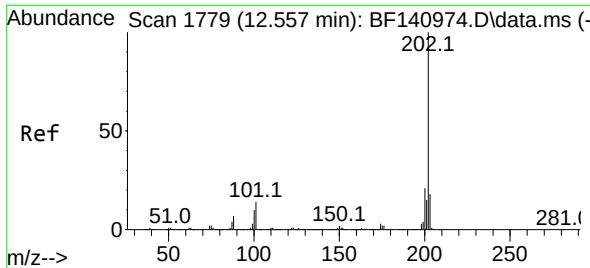
Tgt Ion:188 Resp: 711998
Ion Ratio Lower Upper
188 100
94 11.3 9.0 13.6
80 12.2 9.8 14.6



#71
Phenanthrene
Concen: 2.272 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BF141008.D
Acq: 27 Dec 2024 20:24

Tgt Ion:178 Resp: 85156
Ion Ratio Lower Upper
178 100
176 18.0 15.8 23.6
179 15.9 12.6 19.0

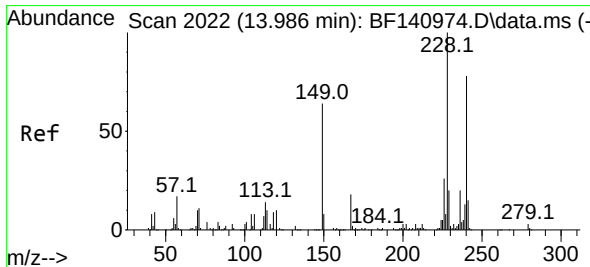
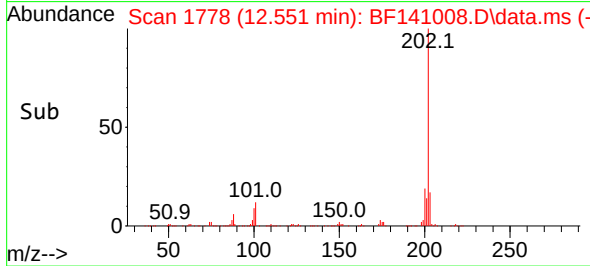
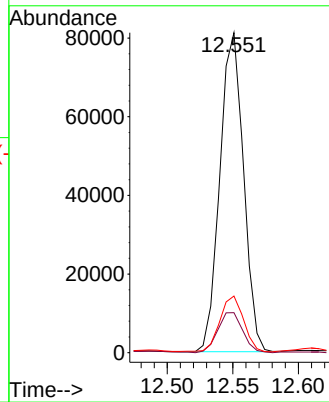
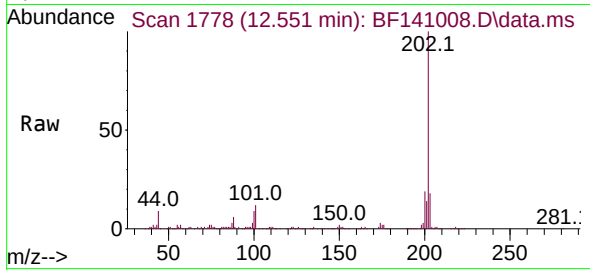




#75
Fluoranthene
Concen: 2.501 ng
RT: 12.551 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141008.D
Acq: 27 Dec 2024 20:24

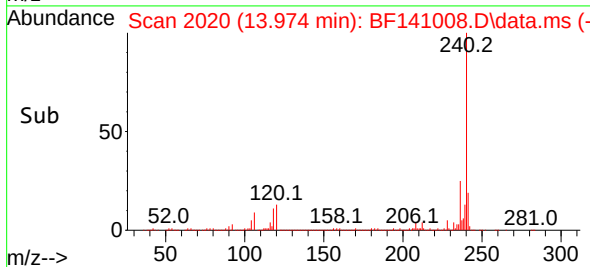
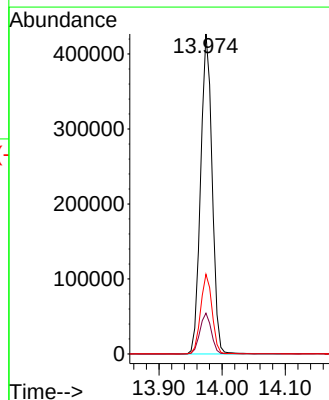
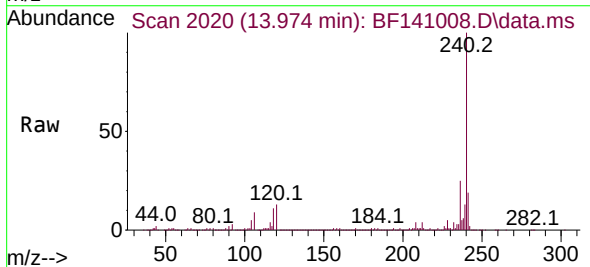
Instrument :
BNA_F
ClientSampleId :
COMP-3

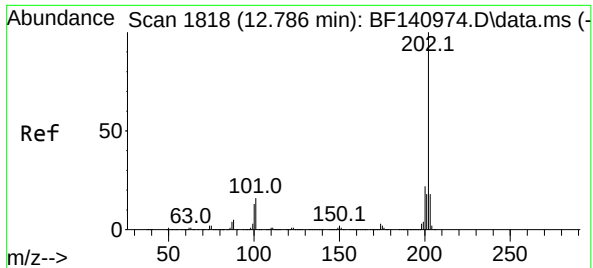
Tgt Ion:202 Resp: 101661
Ion Ratio Lower Upper
202 100
101 12.5 0.0 33.7
203 17.7 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF141008.D
Acq: 27 Dec 2024 20:24

Tgt Ion:240 Resp: 540701
Ion Ratio Lower Upper
240 100
120 12.8 10.7 16.1
236 24.9 20.6 31.0

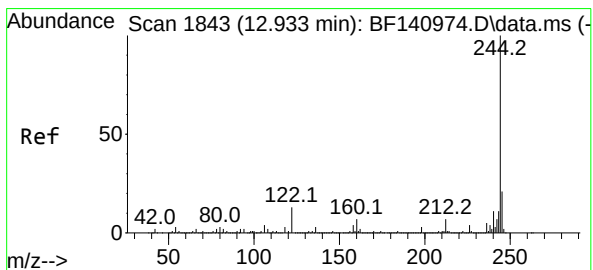
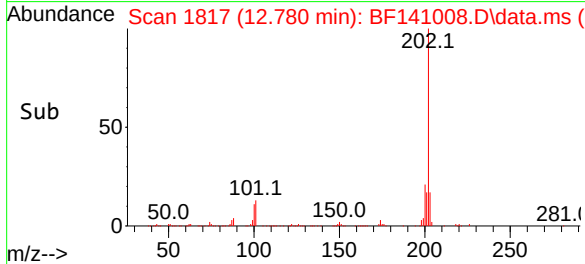
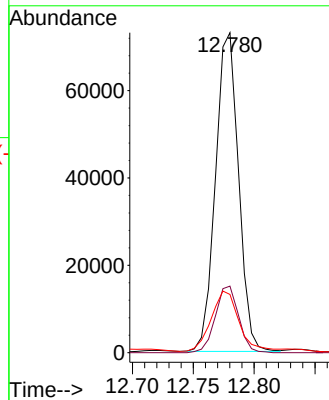
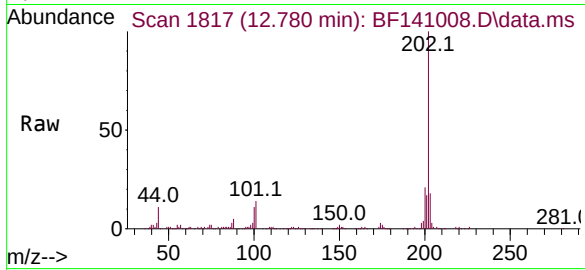




#78
Pyrene
Concen: 2.032 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF141008.D
Acq: 27 Dec 2024 20:24

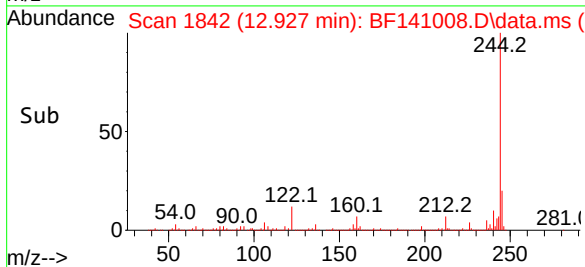
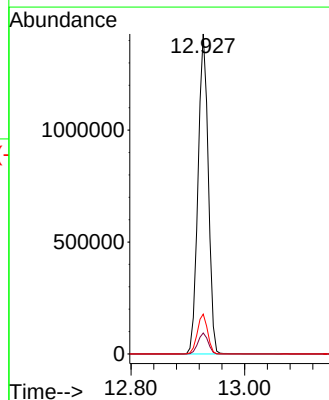
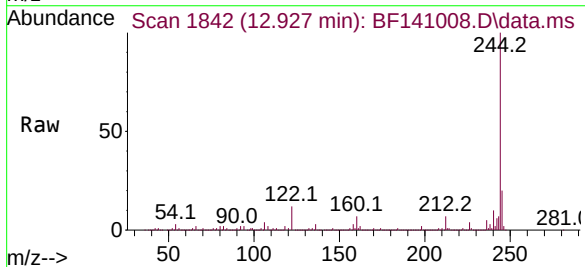
Instrument :
BNA_F
ClientSampleId :
COMP-3

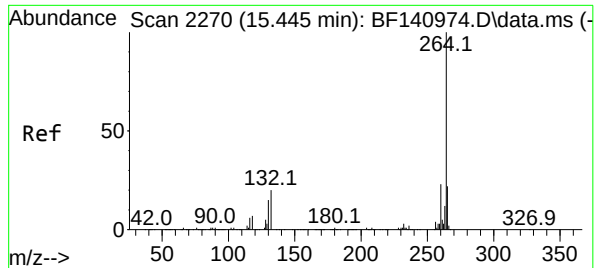
Tgt Ion:202 Resp: 96107
Ion Ratio Lower Upper
202 100
200 20.8 17.3 25.9
203 18.2 14.6 21.8



#79
Terphenyl-d14
Concen: 55.288 ng
RT: 12.927 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BF141008.D
Acq: 27 Dec 2024 20:24

Tgt Ion:244 Resp: 1799788
Ion Ratio Lower Upper
244 100
212 6.6 5.7 8.5
122 12.5 10.2 15.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.427 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF141008.D

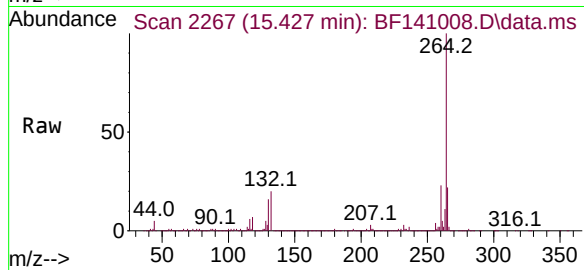
Acq: 27 Dec 2024 20:24

Instrument :

BNA_F

ClientSampleId :

COMP-3



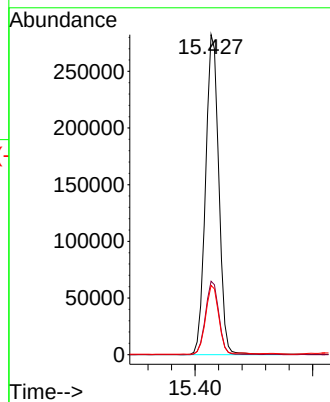
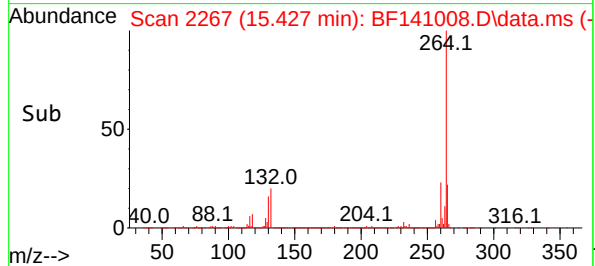
Tgt Ion:264 Resp: 441127

Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

265 21.6 17.4 26.2





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: POWE02
 Lab Code: CHEM Case No.: P5382 SAS No.: P5382 SDG No.: P5382
 Instrument ID: BNA_F Calibration Date(s): 12/26/2024 12/26/2024
 Calibration Time(s): 16:23 19:25

LAB FILE ID:		RRF2.5 = BF140970.D		RRF005 = BF140971.D		RRF010 = BF140972.D		
		RRF020 = BF140973.D		RRF040 = BF140974.D		RRF050 = BF140975.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.502	1.422	1.423	1.293	1.258	1.327	9.4
Phenol-d6		1.910	1.839	1.811	1.667	1.625	1.709	8.6
Nitrobenzene-d5		0.244	0.277	0.321	0.327	0.338	0.313	12.2
Naphthalene		1.209	1.154	1.142	1.020	0.989	1.054	11.0
2-Fluorobiphenyl		1.546	1.452	1.378	1.175	1.129	1.255	16.1
Fluorene		1.497	1.432	1.351	1.192	1.146	1.260	13.2
2,4,6-Tribromophenol		0.177	0.189	0.203	0.196	0.198	0.194	4.6
Phenanthrene		1.221	1.168	1.129	1.005	0.982	1.053	11.3
Anthracene		1.187	1.136	1.113	0.991	0.963	1.031	11.0
Pyrene		1.754	1.670	1.701	1.692	1.783	1.749	3.6
Terphenyl-d14		1.275	1.181	1.188	1.141	1.194	1.204	3.6
Benzo (a) anthracene		1.573	1.452	1.437	1.369	1.340	1.394	7.4
Chrysene		1.341	1.330	1.327	1.208	1.194	1.257	5.7
Benzo (b) fluoranthene		1.360	1.564	1.479	1.417	1.306	1.395	7.2
Benzo (a) pyrene		1.146	1.108	1.137	1.069	1.047	1.083	4.6
Indeno (1,2,3-cd) pyrene		1.050	1.009	1.224	1.311	1.397	1.260	13.7
Benzo (g,h,i) perylene		0.825	0.811	1.023	1.126	1.194	1.059	16.9

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-BF122624.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Fri Dec 27 00:31:16 2024
 Response Via : Initial Calibration

Calibration Files

2.5 =BF140970.D 5 =BF140971.D 10 =BF140972.D 20 =BF140973.D 40 =BF140974.D 50 =BF140975.D 60 =BF140976.D 80 =BF140977.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.630	0.621	0.624	0.597	0.587	0.588	0.559	0.601	4.26	
3)	Pyridine	1.621	1.563	1.581	1.437	1.394	1.372	1.308	1.468	8.18	
4)	n-Nitrosodimet...	0.755	0.738	0.778	0.745	0.742	0.742	0.707	0.744	2.86	
5) S	2-Fluorophenol	1.502	1.422	1.423	1.293	1.258	1.233	1.155	1.327	9.39	
6)	Aniline	1.709	1.702	1.732	1.615	1.480	1.306	1.126	1.524	15.28	
7) S	Phenol-d6	1.910	1.839	1.811	1.667	1.625	1.613	1.500	1.709	8.60	
8)	2-Chlorophenol	1.556	1.484	1.483	1.386	1.337	1.319	1.227	1.399	8.21	
9)	Benzaldehyde		1.193	1.089	0.861	0.792	0.768		0.941	20.16	
10) C	Phenol	1.956	1.880	1.866	1.744	1.683	1.694	1.549	1.767	7.97	
11)	bis(2-Chloroet...	1.543	1.479	1.449	1.363	1.416	1.380	1.358	1.427	4.77	
12)	1,3-Dichlorobe...	1.736	1.665	1.649	1.516	1.462	1.436	1.342	1.544	9.24	
13) C	1,4-Dichlorobe...	1.749	1.690	1.662	1.517	1.477	1.440	1.359	1.556	9.33	
14)	1,2-Dichlorobe...	1.660	1.589	1.562	1.416	1.366	1.328	1.235	1.451	10.72	
15)	Benzyl Alcohol	1.333	1.275	1.298	1.226	1.199	1.172	1.095	1.228	6.63	
16)	2,2'-oxybis(1-...	2.420	2.317	2.313	2.112	2.048	2.016	1.882	2.158	9.04	
17)	2-Methylphenol	1.250	1.208	1.226	1.151	1.125	1.109	1.066	1.162	5.83	
18)	Hexachloroethane	0.587	0.573	0.584	0.544	0.538	0.537	0.508	0.553	5.30	
19) P	n-Nitroso-di-n...	1.133	1.140	1.127	1.079	1.008	0.988	0.983	0.918	1.047	8.01
20)	3+4-Methylphenols		1.644	1.624	1.598	1.452	1.387	1.354	1.235	1.471	10.61
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.575	0.535	0.521	0.470	0.459	0.454	0.421	0.491	11.02	
23) S	Nitrobenzene-d5	0.244	0.277	0.321	0.327	0.338	0.349	0.333	0.313	12.18	
24)	Nitrobenzene	0.288	0.319	0.364	0.367	0.371	0.379	0.358	0.349	9.54	
25)	Isophorone	0.744	0.706	0.714	0.657	0.654	0.659	0.628	0.680	6.09	
26) C	2-Nitrophenol	0.067	0.080	0.107	0.127	0.142	0.151	0.152	0.118	29.26	
27)	2,4-Dimethylph...	0.268	0.255	0.260	0.241	0.241	0.244	0.230	0.249	5.21	
28)	bis(2-Chloroet...	0.477	0.462	0.462	0.415	0.412	0.405	0.384	0.431	8.27	
29) C	2,4-Dichloroph...	0.286	0.289	0.295	0.278	0.281	0.281	0.264	0.282	3.41	
30)	1,2,4-Trichlor...	0.354	0.335	0.337	0.312	0.304	0.306	0.286	0.319	7.39	
31)	Naphthalene	1.209	1.154	1.142	1.020	0.989	0.971	0.892	1.054	10.96	
32)	Benzoic acid		0.099	0.152	0.178	0.198	0.221	0.222	0.178	26.55	
33)	4-Chloroaniline	0.414	0.398	0.404	0.367	0.368	0.367	0.351	0.381	6.20	
34) C	Hexachlorobuta...	0.208	0.199	0.196	0.182	0.181	0.182	0.170	0.188	7.08	
35)	Caprolactam	0.098	0.095	0.100	0.094	0.094	0.095	0.094	0.096	2.37	
36) C	4-Chloro-3-met...	0.330	0.320	0.327	0.309	0.304	0.309	0.293	0.313	4.24	
37)	2-Methylnaphth...	0.772	0.740	0.732	0.642	0.629	0.623	0.581	0.674	10.77	
38)	1-Methylnaphth...	0.767	0.722	0.710	0.635	0.618	0.615	0.571	0.663	10.71	

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF122624.M

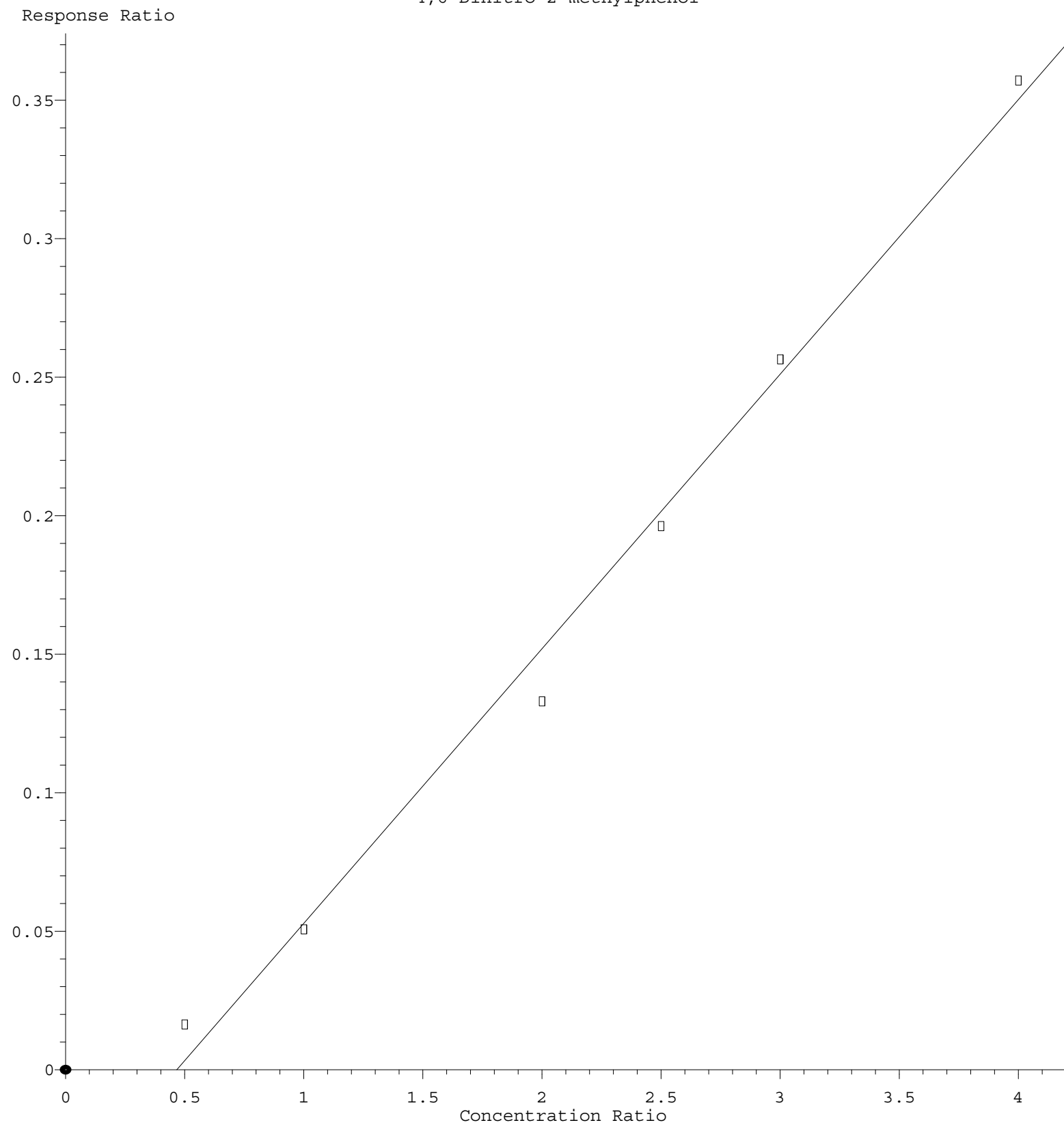
39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.602	0.586	0.586	0.535	0.527	0.526	0.491	0.550	7.46	
41) P	Hexachlorocycl...	0.165	0.176	0.189	0.187	0.189	0.190	0.180	0.182	5.03	
42) S	2,4,6-Tribromo...	0.177	0.189	0.203	0.196	0.198	0.199	0.199	0.194	4.59	
43) C	2,4,6-Trichlor...	0.354	0.356	0.398	0.364	0.356	0.381	0.354	0.366	4.59	
44)	2,4,5-Trichlor...	0.371	0.389	0.377	0.380	0.386	0.365	0.355	0.375	3.15	
45) S	2-Fluorobiphenyl	1.546	1.452	1.378	1.175	1.129	1.102	1.006	1.255	16.12	
46)	1,1'-Biphenyl	1.776	1.696	1.651	1.479	1.421	1.406	1.291	1.531	11.60	
47)	2-Chloronaphth...	1.362	1.293	1.270	1.140	1.115	1.104	1.031	1.188	10.15	
48)	2-Nitroaniline	0.139	0.182	0.248	0.288	0.306	0.329	0.325	0.259	28.48	
49)	Acenaphthylene	1.934	1.869	1.824	1.654	1.619	1.590	1.477	1.710	9.80	
50)	Dimethylphthalate	1.438	1.414	1.389	1.285	1.246	1.251	1.186	1.316	7.39	
51)	2,6-Dinitrotol...	0.128	0.173	0.233	0.256	0.269	0.279	0.276	0.231	25.17	
52) C	Acenaphthene	1.289	1.240	1.229	1.119	1.096	1.091	1.027	1.156	8.36	
53)	3-Nitroaniline	0.153	0.197	0.260	0.281	0.289	0.304	0.299	0.255	22.59	
54) P	2,4-Dinitrophenol		0.037	0.053	0.072	0.086	0.098	0.105	0.075	35.03	
55)	Dibenzofuran	1.857	1.780	1.743	1.565	1.523	1.513	1.389	1.624	10.47	
56) P	4-Nitrophenol		0.166	0.213	0.229	0.237	0.253	0.251	0.225	14.45	
57)	2,4-Dinitrotol...	0.136	0.187	0.265	0.310	0.326	0.347	0.340	0.273	30.14	
58)	Fluorene	1.497	1.432	1.351	1.192	1.146	1.135	1.065	1.260	13.19	
59)	2,3,4,6-Tetrac...	0.303	0.303	0.327	0.314	0.307	0.316	0.302	0.310	3.01	
60)	Diethylphthalate	1.433	1.386	1.369	1.266	1.230	1.232	1.175	1.299	7.47	
61)	4-Chlorophenyl...	0.700	0.673	0.653	0.579	0.560	0.557	0.521	0.606	11.29	
62)	4-Nitroaniline	0.156	0.203	0.257	0.278	0.290	0.301	0.301	0.255	21.73	
63)	Azobenzene	1.502	1.465	1.448	1.319	1.295	1.293	1.220	1.363	7.85	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...		0.033	0.051	0.066	0.078	0.085	0.089	0.067	32.70	
66) c	n-Nitrosodiphe...	0.712	0.675	0.668	0.605	0.594	0.595	0.558	0.630	8.83	
67)	4-Bromophenyl-...	0.235	0.229	0.228	0.213	0.212	0.199	0.197	0.216	7.03	
68)	Hexachlorobenzene	0.261	0.247	0.249	0.232	0.231	0.229	0.220	0.238	5.96	
69)	Atrazine	0.218	0.205	0.189	0.156	0.147	0.140		0.176	18.49	
70) C	Pentachlorophenol	0.122	0.137	0.154	0.155	0.156	0.161	0.154	0.148	9.37	
71)	Phenanthrene	1.221	1.168	1.129	1.005	0.982	0.958	0.907	1.053	11.29	
72)	Anthracene	1.187	1.136	1.113	0.991	0.963	0.945	0.884	1.031	11.01	
73)	Carbazole	1.138	1.093	1.076	0.947	0.923	0.907	0.857	0.992	10.97	
74)	Di-n-butylphth...	1.248	1.238	1.237	1.083	1.054	1.044	0.990	1.128	9.70	
75) C	Fluoranthene	1.333	1.274	1.242	1.091	1.050	1.035	0.966	1.142	12.26	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.422	0.333	0.437	0.415	0.438	0.512	0.402	0.423	12.62	
78)	Pyrene	1.754	1.670	1.701	1.692	1.783	1.841	1.803	1.749	3.63	
79) S	Terphenyl-d14	1.275	1.181	1.188	1.141	1.194	1.240	1.209	1.204	3.59	
80)	Butylbenzylpht...	0.532	0.571	0.640	0.656	0.684	0.710	0.679	0.639	10.11	
81)	Benzo(a)anthra...	1.573	1.452	1.437	1.369	1.340	1.335	1.251	1.394	7.44	
82)	3,3'-Dichlorob...	0.474	0.455	0.455	0.403	0.382	0.386	0.377	0.419	9.76	
83)	Chrysene	1.341	1.330	1.327	1.208	1.194	1.207	1.190	1.257	5.68	
84)	Bis(2-ethylhex...	0.822	0.842	0.859	0.820	0.827	0.837	0.793	0.828	2.49	
85) c	Di-n-octyl pht...	1.157	1.231	1.253	1.199	1.170	1.193	1.191	1.199	2.76	

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF122624.M

86) I	Perylene-d12	-----ISTD-----									
87)	Indeno(1,2,3-c...	1.050	1.009	1.224	1.311	1.397	1.438	1.391	1.260	13.71	
88)	Benzo(b)fluora...	1.360	1.564	1.479	1.417	1.306	1.362	1.275	1.395	7.20	
89)	Benzo(k)fluora...	1.165	1.121	1.301	1.065	1.073	1.016	0.911	1.093	11.17	
90) C	Benzo(a)pyrene	1.146	1.108	1.137	1.069	1.047	1.065	1.007	1.083	4.63	
91)	Dibenzo(a,h)an...	0.847	0.829	0.992	1.070	1.127	1.165	1.120	1.021	13.38	
92)	Benzo(g,h,i)pe...	0.825	0.811	1.023	1.126	1.194	1.243	1.194	1.059	16.91	

(#) = Out of Range

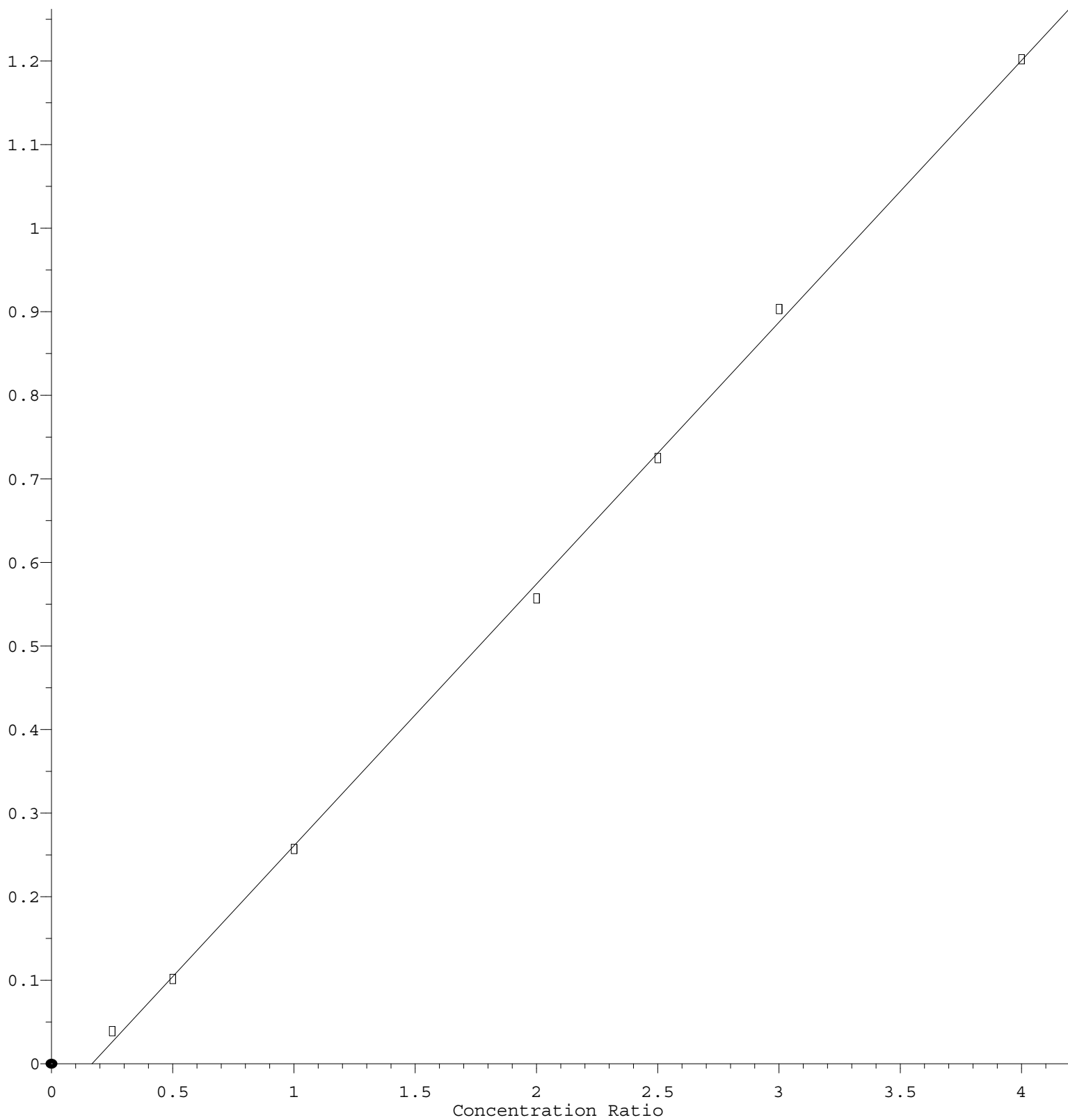
4,6-Dinitro-2-methylphenol



Response = $9.902 \times 10^{-2} \times \text{Amt} - 4.626 \times 10^{-2}$
Coef of Det (r^2) = 0.992245 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF122624.M
Calibration Table Last Updated: Fri Dec 27 00:31:16 2024

4-Nitroaniline

Response Ratio



$$\text{Response} = 3.133\text{e-}001 * \text{Amt} - 5.242\text{e-}002$$

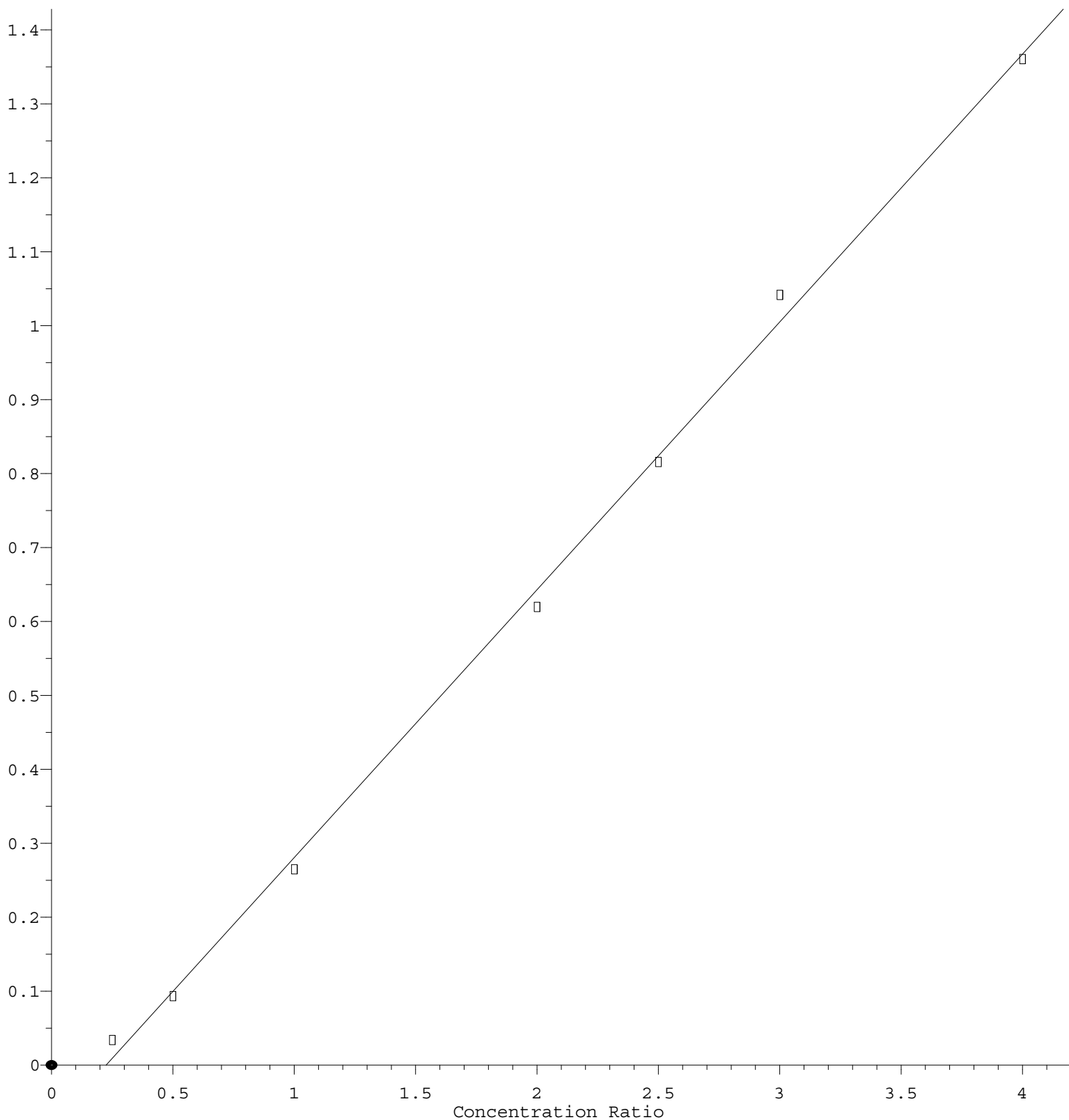
Coef of Det (r^2) = 0.999312 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF122624.M

Calibration Table Last Updated: Fri Dec 27 00:31:16 2024

2,4-Dinitrotoluene

Response Ratio



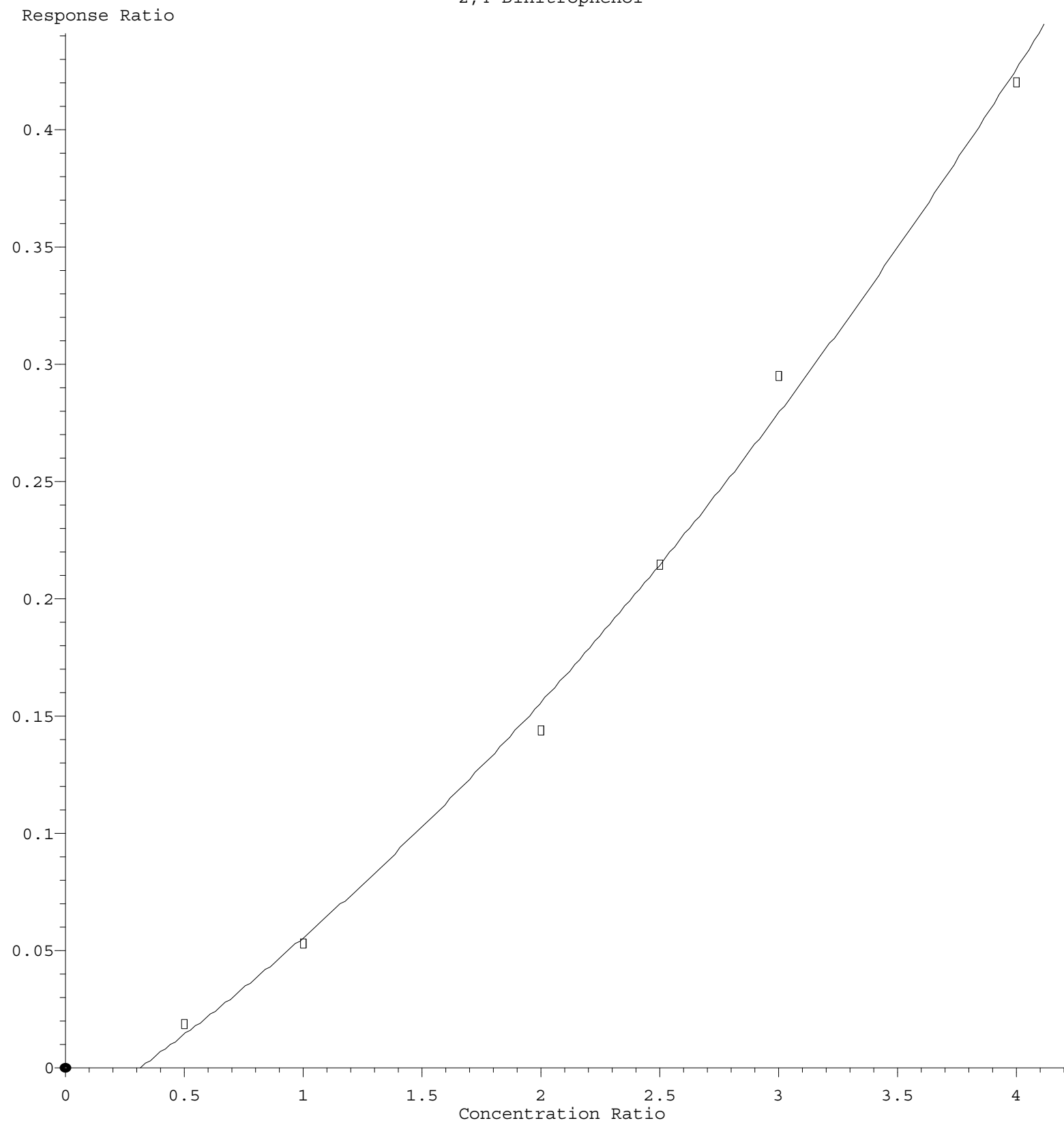
$$\text{Response} = 3.623\text{e-}001 * \text{Amt} - 8.150\text{e-}002$$

Coef of Det (r^2) = 0.998082 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF122624.M

Calibration Table Last Updated: Fri Dec 27 00:31:16 2024

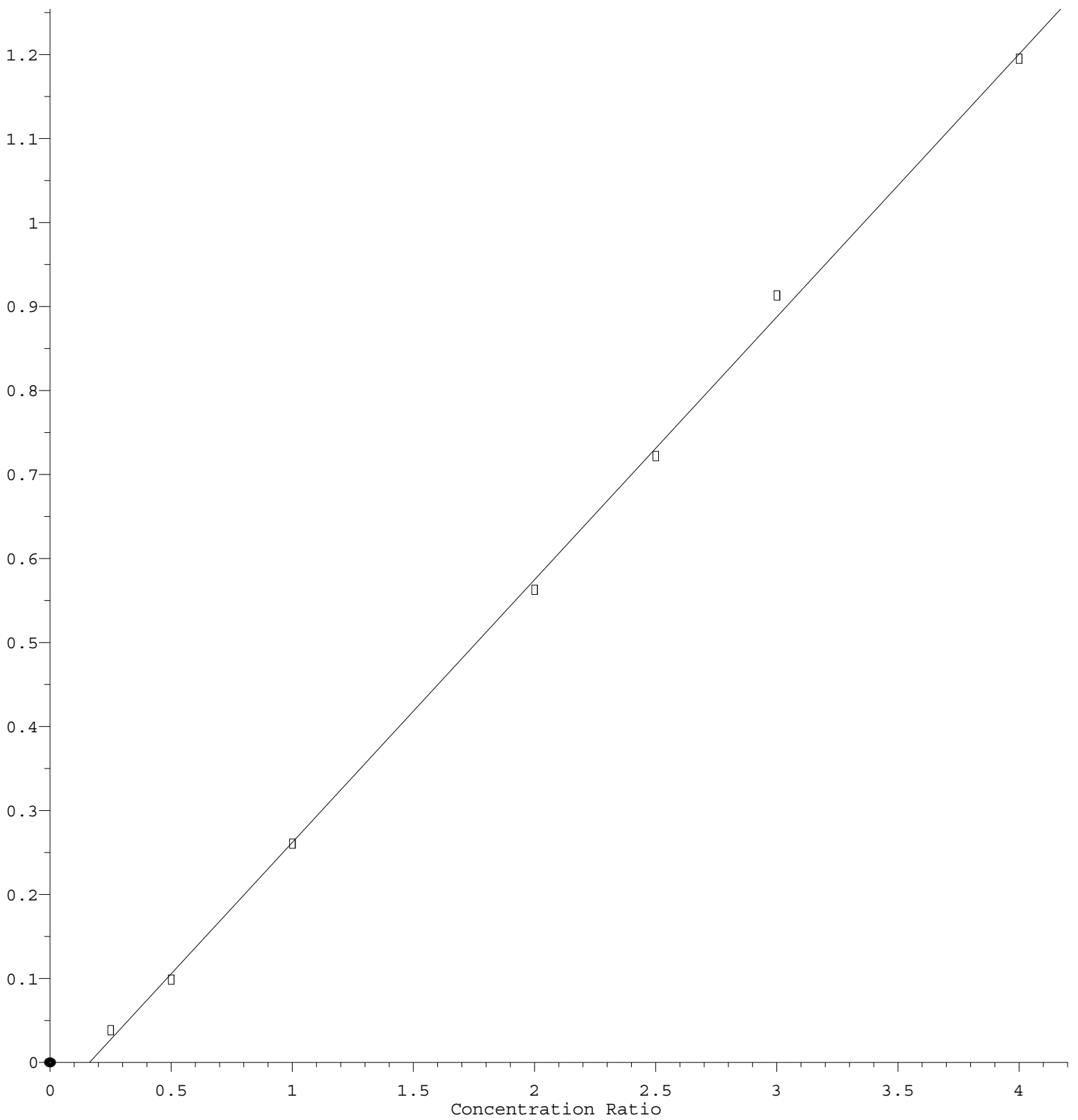
2,4-Dinitrophenol



$R = 1.166e-002 A^2 + 6.517e-002 A - 2.128e-002$
 Coef of Det (r^2) = 0.996078 Curve Fit: Quadratic
 Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF122624.M
 Calibration Table Last Updated: Fri Dec 27 00:31:16 2024

3-Nitroaniline

Response Ratio



$$\text{Response} = 3.131\text{e-}001 * \text{Amt} - 5.110\text{e-}002$$

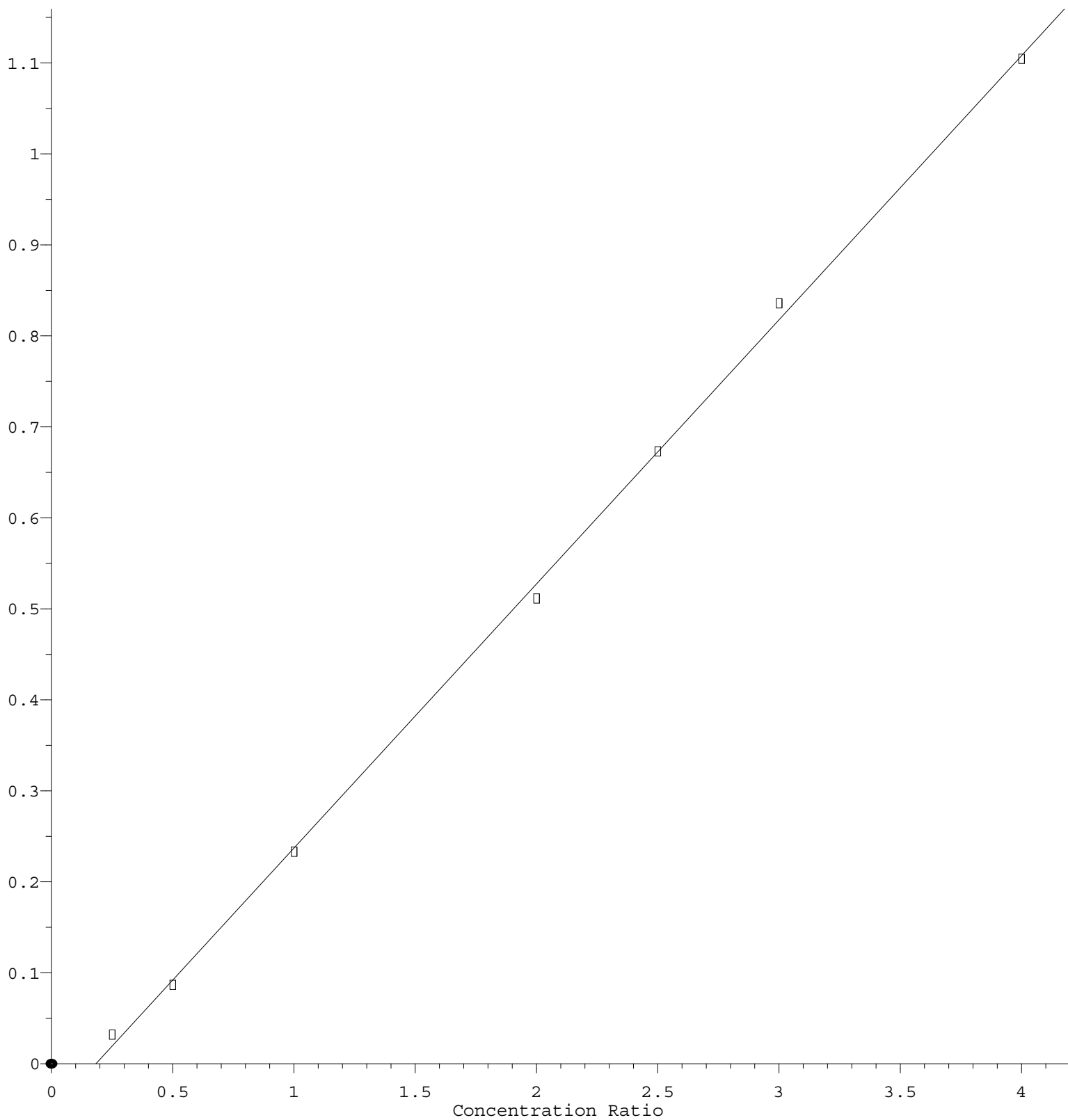
Coef of Det (r^2) = 0.999042 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF122624.M

Calibration Table Last Updated: Fri Dec 27 00:31:16 2024

2,6-Dinitrotoluene

Response Ratio



$$\text{Response} = 2.904\text{e-}001 * \text{Amt} - 5.306\text{e-}002$$

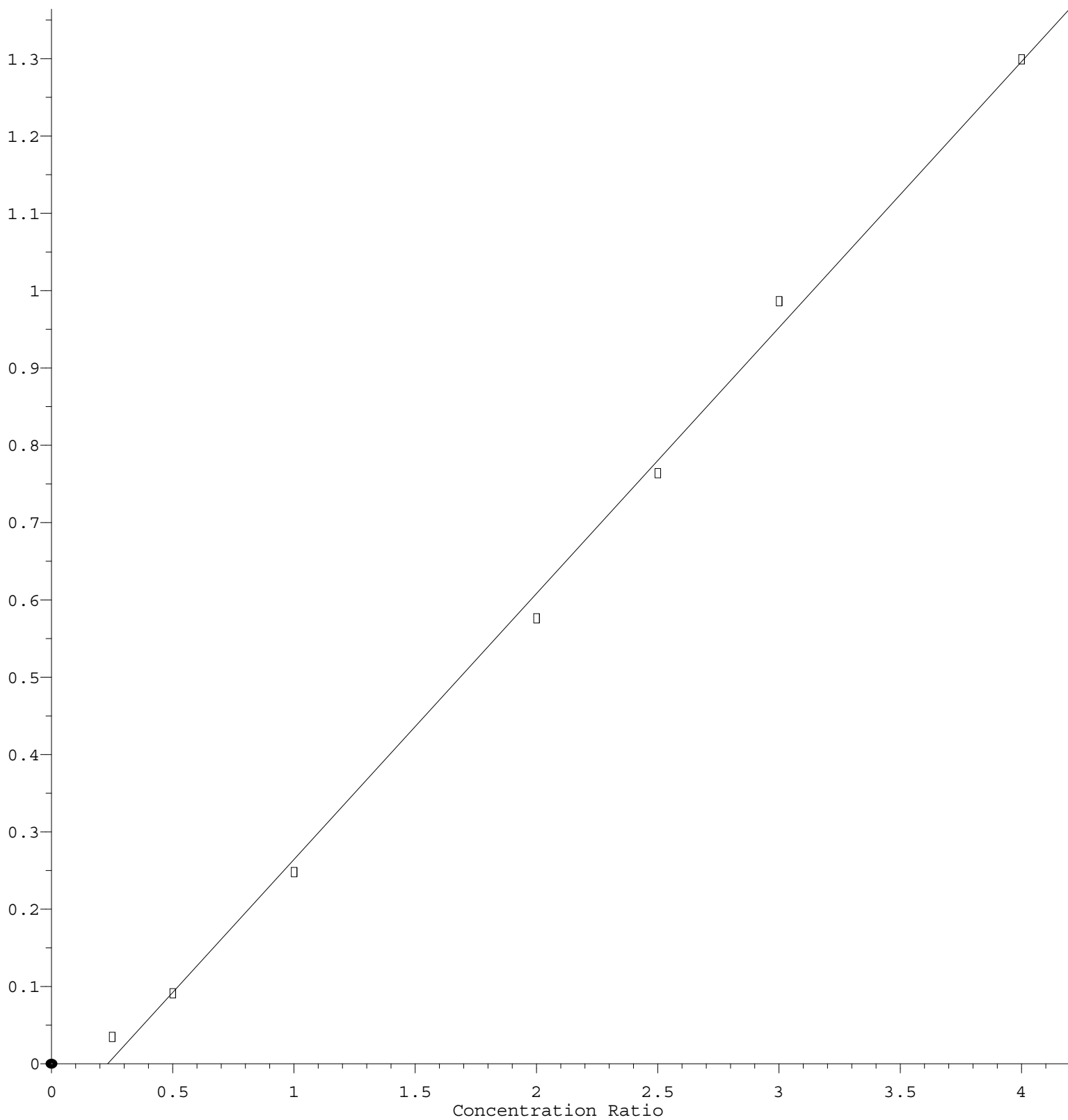
Coef of Det (r^2) = 0.999176 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF122624.M

Calibration Table Last Updated: Fri Dec 27 00:31:16 2024

2-Nitroaniline

Response Ratio



$$\text{Response} = 3.440\text{e-}001 * \text{Amt} - 7.987\text{e-}002$$

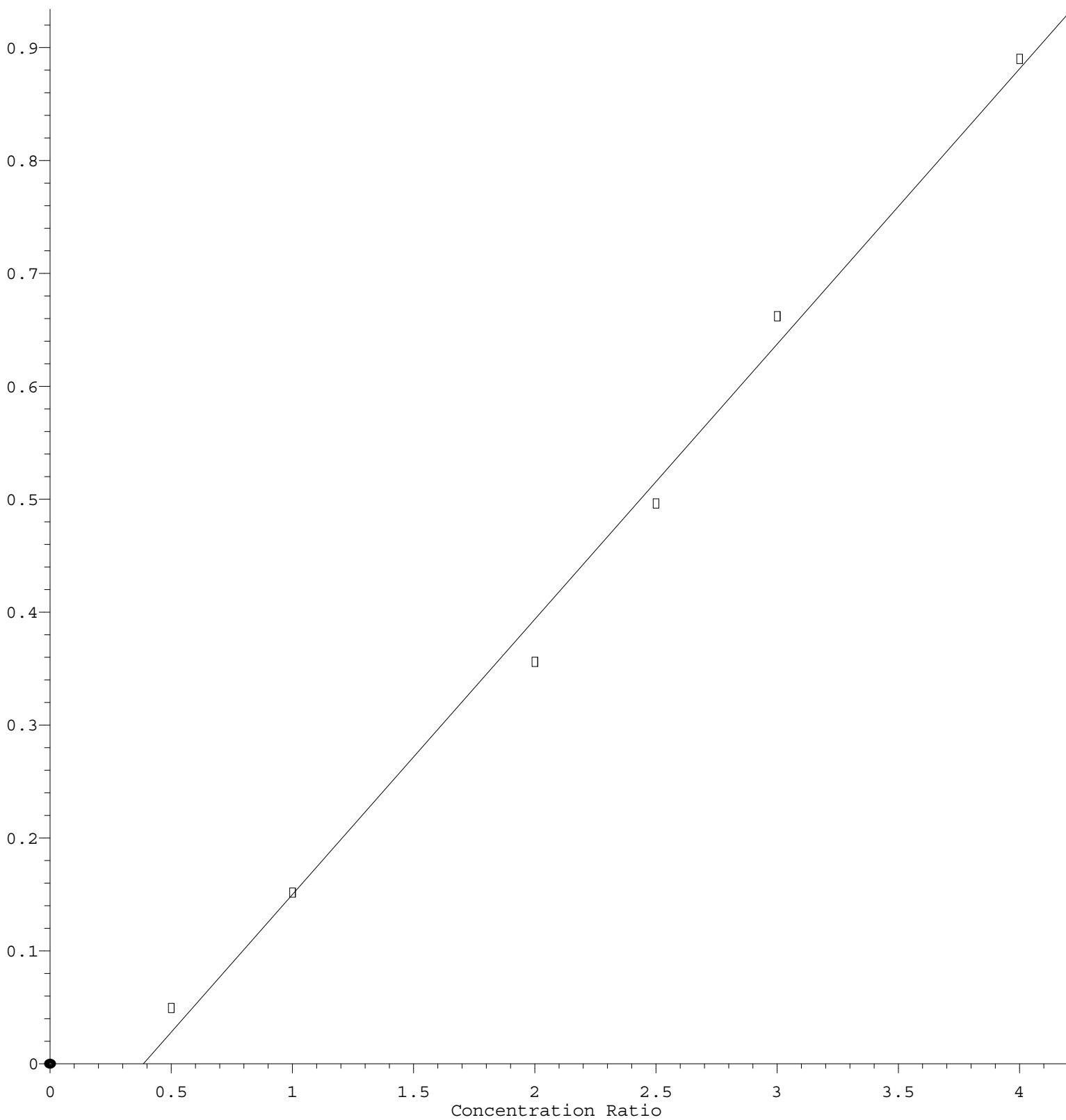
Coef of Det (r^2) = 0.997398 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF122624.M

Calibration Table Last Updated: Fri Dec 27 00:31:16 2024

Benzoic acid

Response Ratio



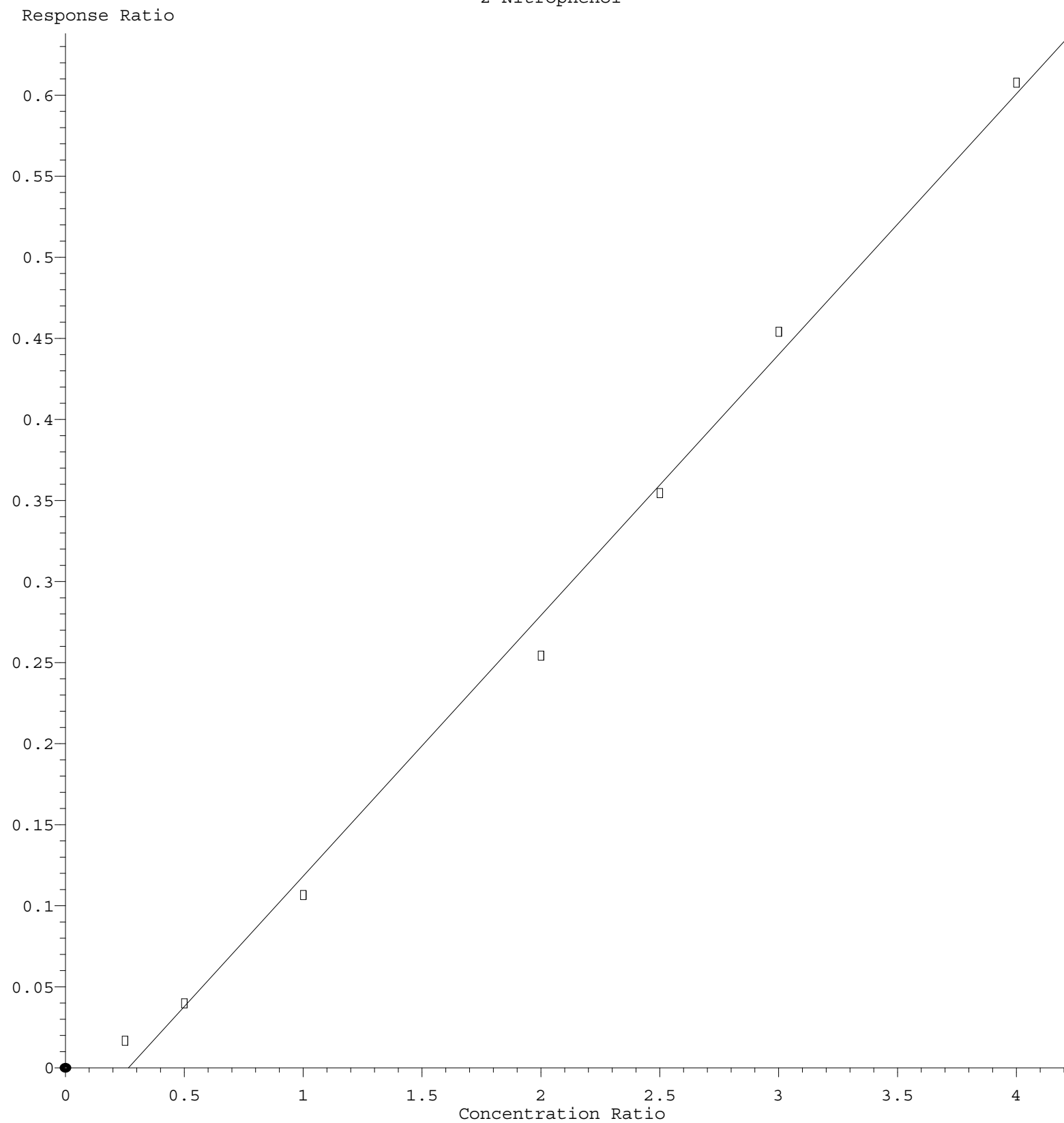
$$\text{Response} = 2.436\text{e-}001 * \text{Amt} - 9.371\text{e-}002$$

Coef of Det (r^2) = 0.994097 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF122624.M

Calibration Table Last Updated: Fri Dec 27 00:31:16 2024

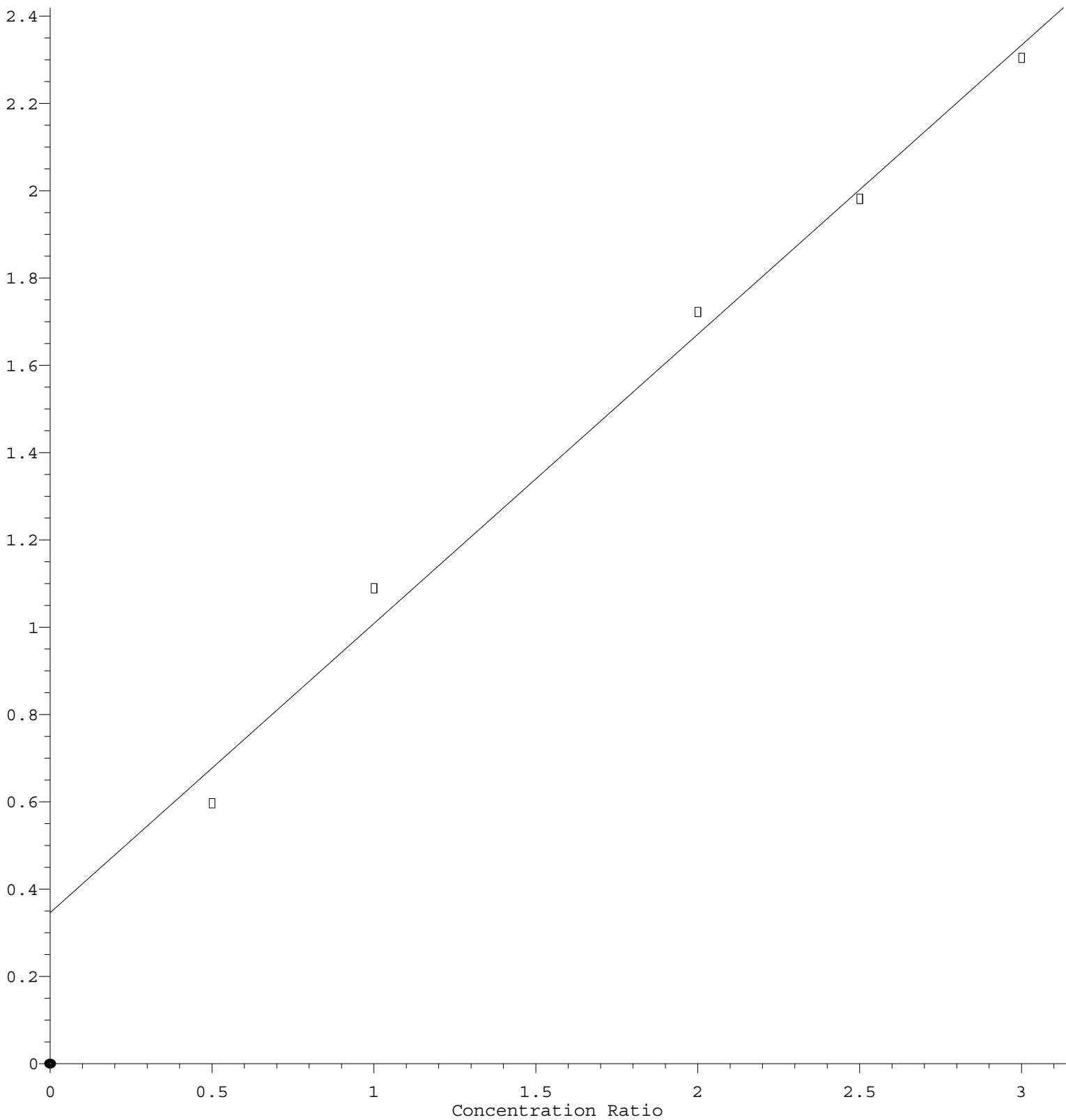
2-Nitrophenol



Response = $1.609e-001 * Amt - 4.266e-002$
 Coef of Det (r^2) = 0.995332 Curve Fit: Linear
 Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF122624.M
 Calibration Table Last Updated: Fri Dec 27 00:31:16 2024

Benzaldehyde

Response Ratio



$$\text{Response} = 6.627\text{e-}001 * \text{Amt} + 3.457\text{e-}001$$

Coef of Det (r^2) = 0.991129 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF122624.M

Calibration Table Last Updated: Fri Dec 27 00:31:16 2024

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122624\
Data File : BF140970.D
Acq On : 26 Dec 2024 16:23
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Dec 26 23:46:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 26 23:36:05 2024
Response via : Initial Calibration

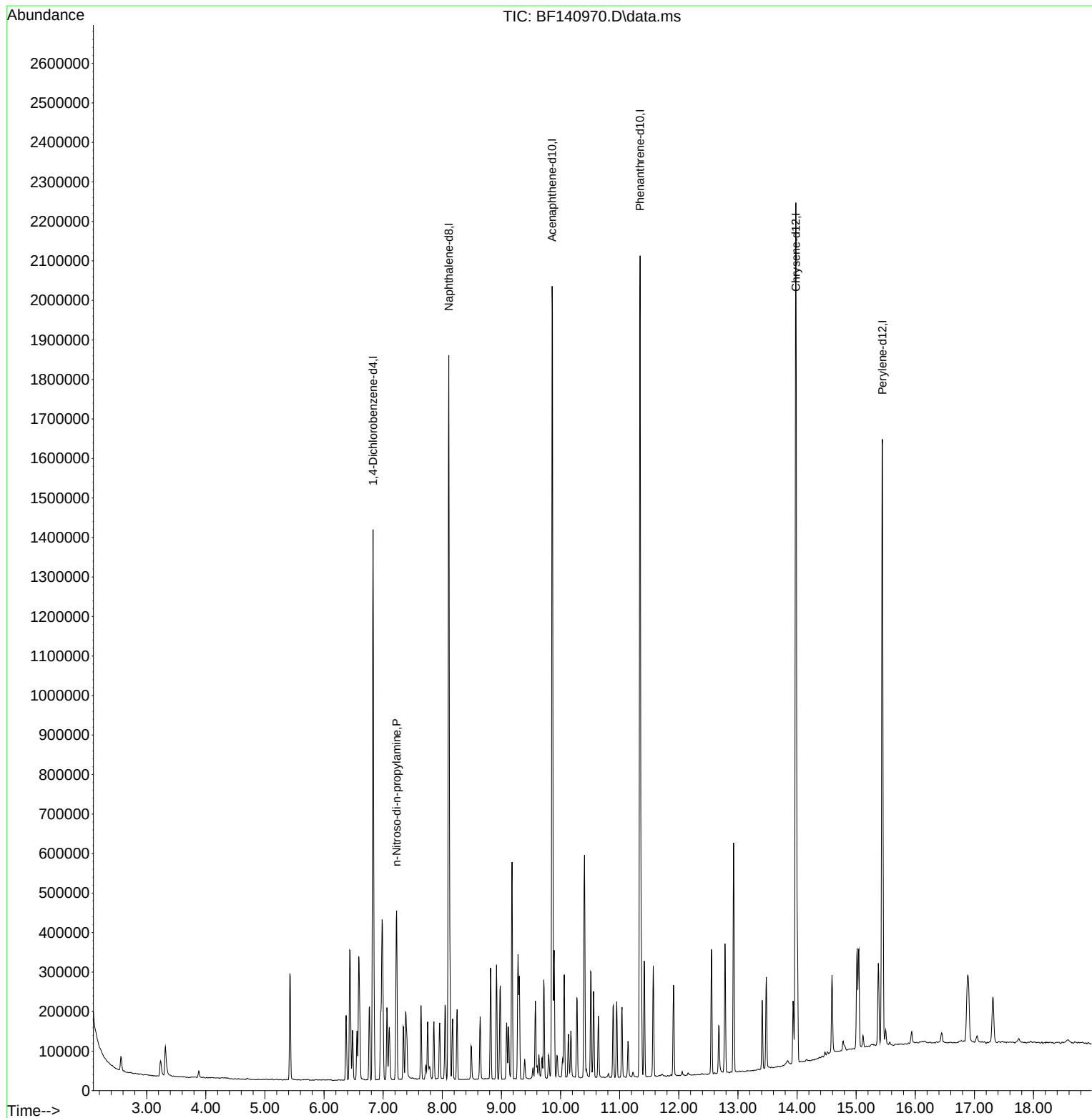
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	280508	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1109803	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	601920	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	1050286	20.000	ng	0.00
76) Chrysene-d12	13.980	240	837900	20.000	ng	0.00
86) Perylene-d12	15.445	264	873226	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...	7.228	70	39726	2.934	ng	97

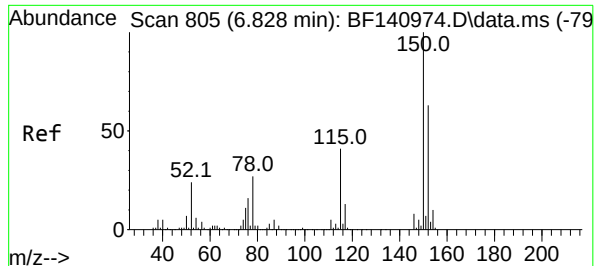
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122624\
Data File : BF140970.D
Acq On : 26 Dec 2024 16:23
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Dec 26 23:46:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 26 23:36:05 2024
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.828 min Scan# 80

Delta R.T. -0.000 min

Lab File: BF140970.D

Acq: 26 Dec 2024 16:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

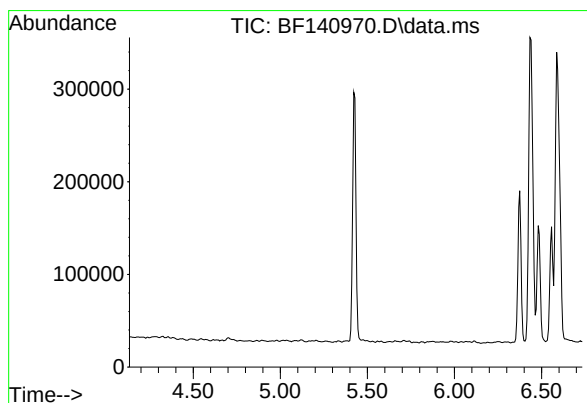
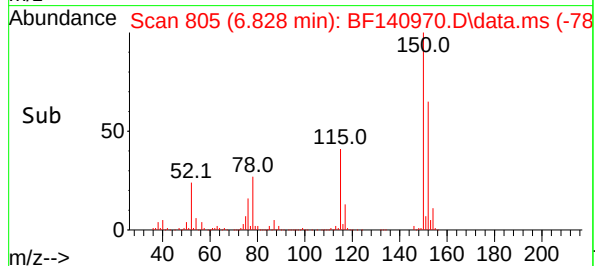
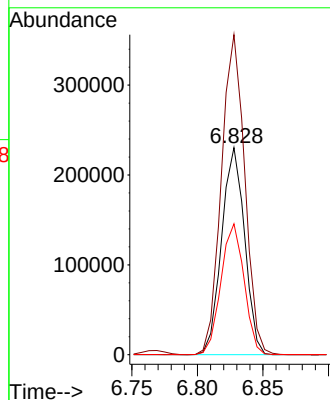
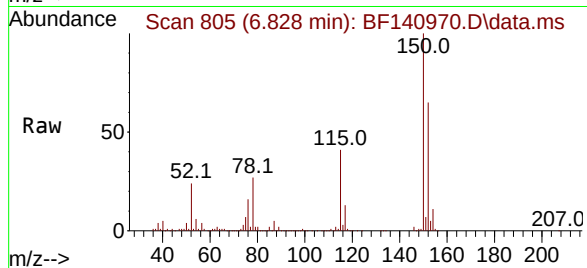
Tgt Ion:152 Resp: 280508

Ion Ratio Lower Upper

152 100

150 154.5 127.0 190.6

115 63.2 51.7 77.5



#5

2-Fluorophenol

Concen: 0.000 ng

Expected RT: 5.43 min

Lab File: BF140970.D

Acq: 26 Dec 2024 16:23

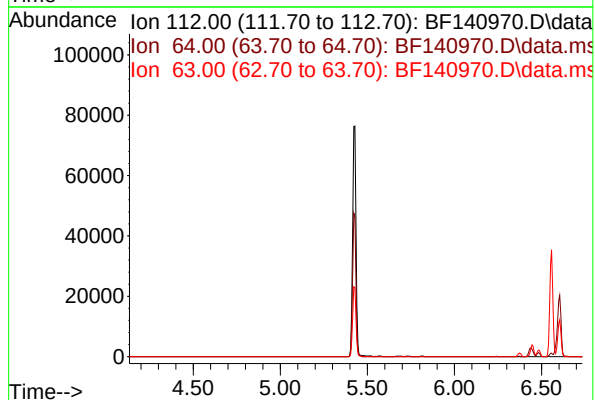
Tgt Ion: 112

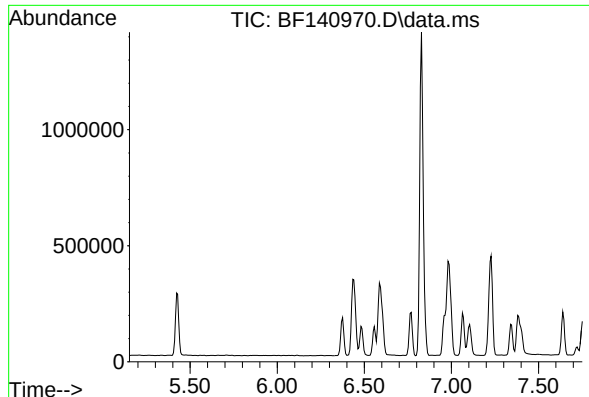
Sig Exp Ratio

112 100

64 59.6

63 30.2





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.45 min

Lab File: BF140970.D

Acq: 26 Dec 2024 16:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

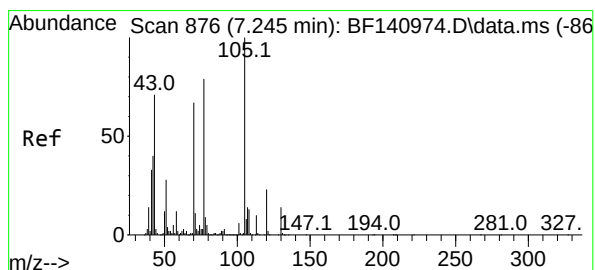
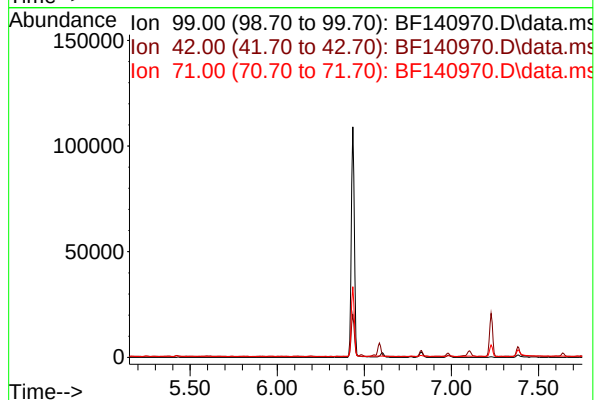
Tgt Ion: 99

Sig Exp Ratio

99 100

42 18.7

71 32.7



#19

n-Nitroso-di-n-propylamine

Concen: 2.934 ng

RT: 7.228 min Scan# 873

Delta R.T. -0.018 min

Lab File: BF140970.D

Acq: 26 Dec 2024 16:23

Tgt Ion: 70 Resp: 39726

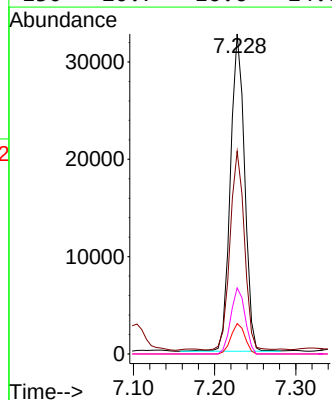
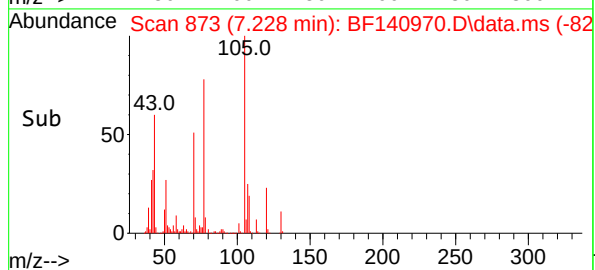
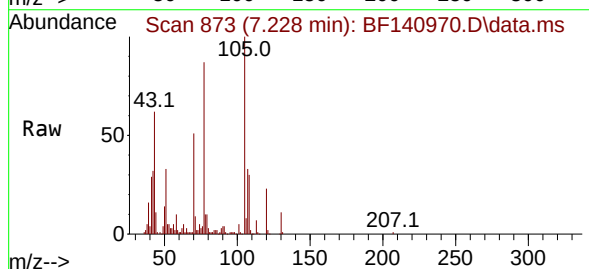
Ion Ratio Lower Upper

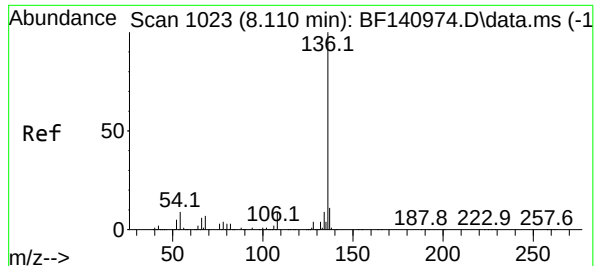
70 100

42 63.4 48.1 72.1

101 9.5 7.6 11.4

130 20.7 16.6 24.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140970.D

Acq: 26 Dec 2024 16:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

Tgt Ion:136 Resp: 1109803

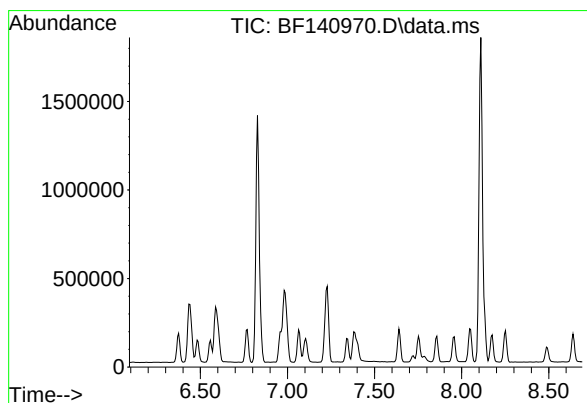
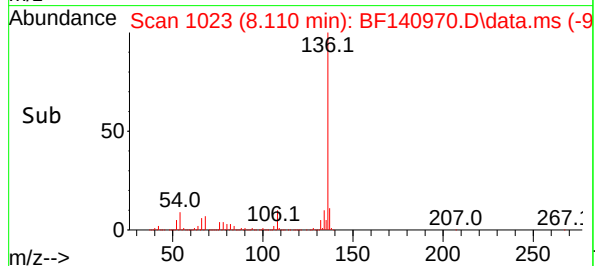
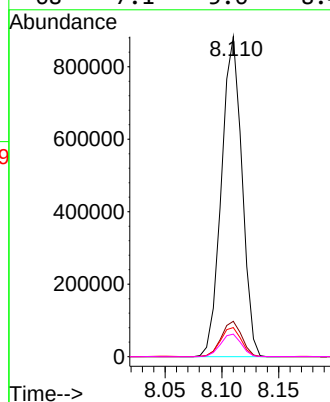
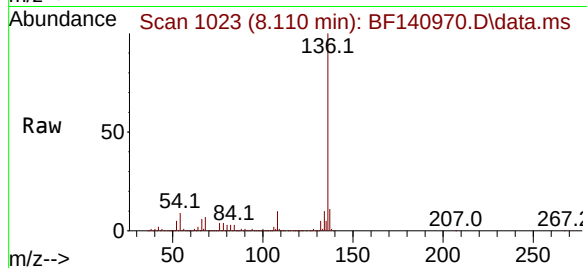
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 9.1 7.6 11.4

68 7.1 5.6 8.4



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 7.39 min

Lab File: BF140970.D

Acq: 26 Dec 2024 16:23

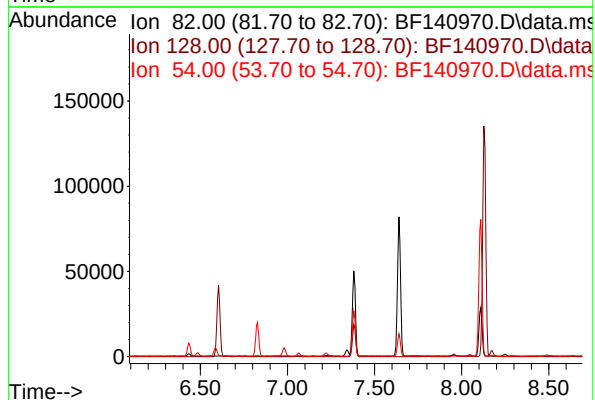
Tgt Ion: 82

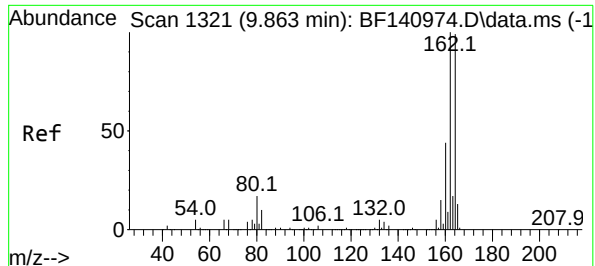
Sig Exp Ratio

82 100

128 43.0

54 53.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140970.D

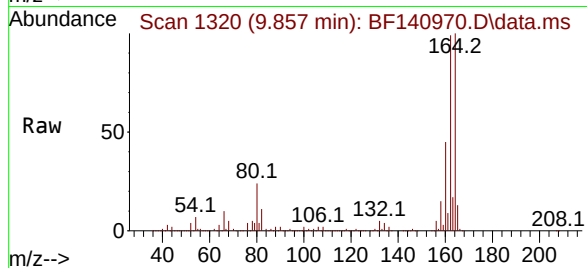
Acq: 26 Dec 2024 16:23

Instrument :

BNA_F

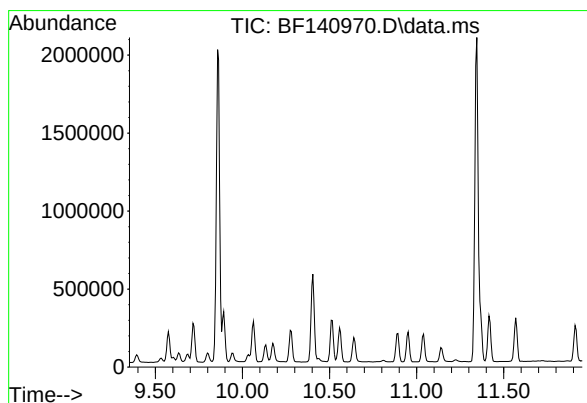
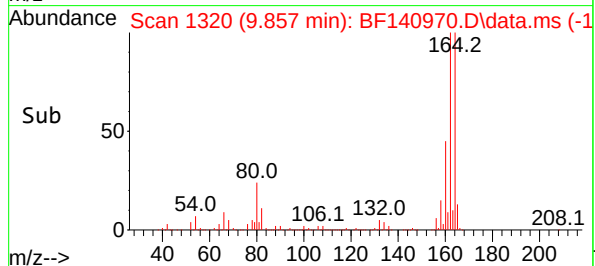
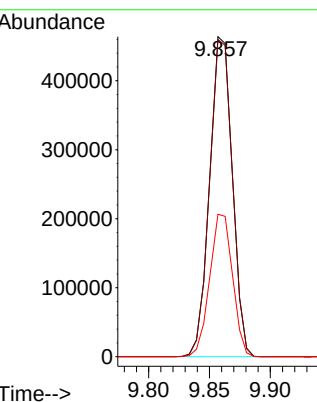
ClientSampleId :

SSTDICC2.5



Tgt Ion:164 Resp: 601920

Ion	Ratio	Lower	Upper
164	100		
162	99.1	80.6	120.8
160	44.5	35.7	53.5



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

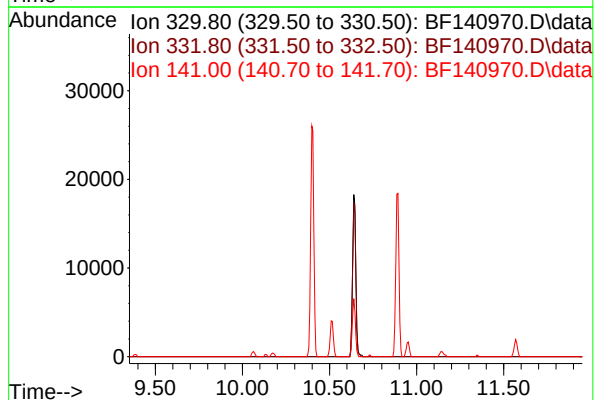
Expected RT: 10.65 min

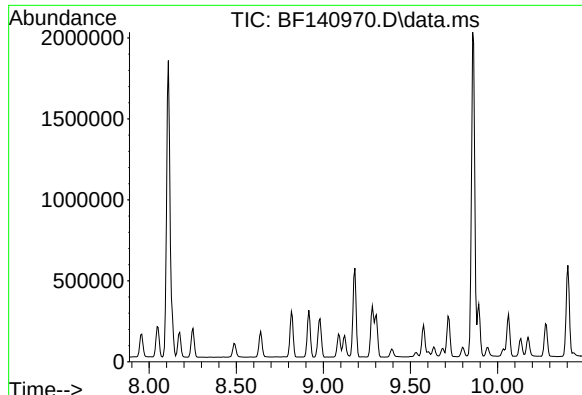
Lab File: BF140970.D

Acq: 26 Dec 2024 16:23

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	97.5
141	33.0





#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 9.19 min

Lab File: BF140970.D

Acq: 26 Dec 2024 16:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

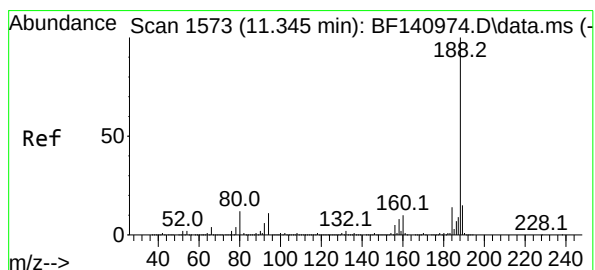
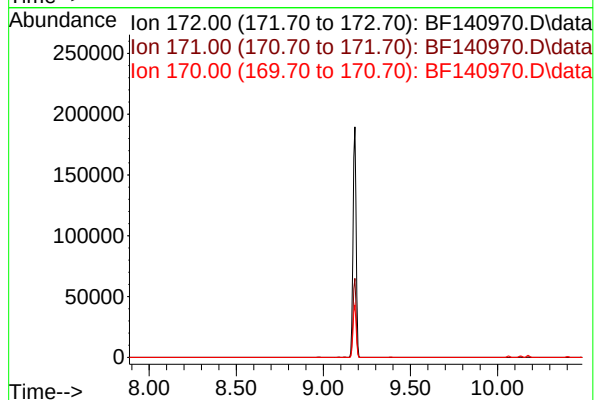
Tgt Ion: 172

Sig Exp Ratio

172 100

171 36.2

170 24.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 1573

Delta R.T. 0.000 min

Lab File: BF140970.D

Acq: 26 Dec 2024 16:23

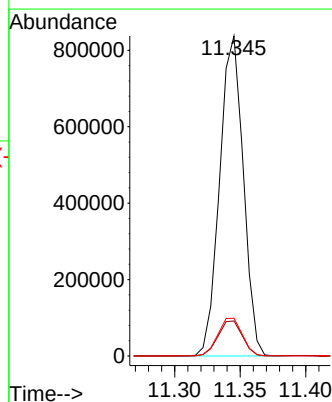
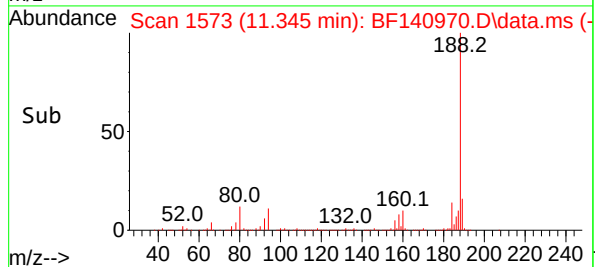
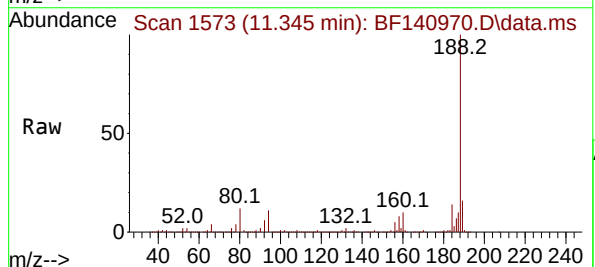
Tgt Ion:188 Resp: 1050286

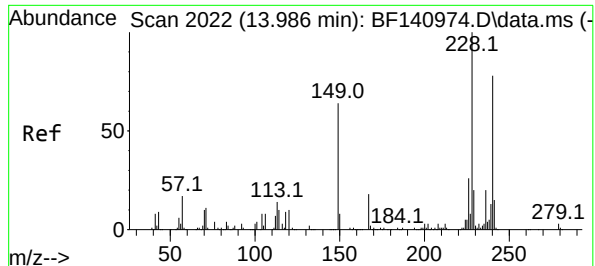
Ion Ratio Lower Upper

188 100

94 11.0 9.0 13.6

80 11.8 9.8 14.6

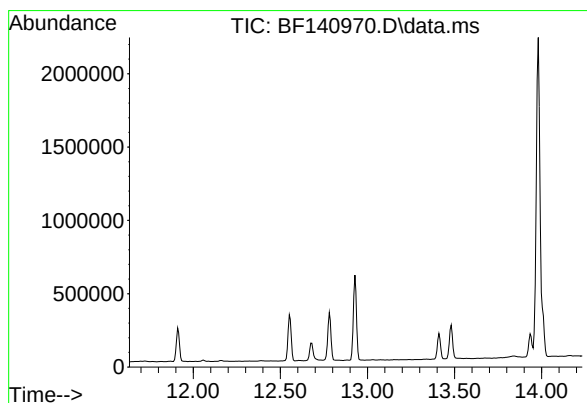
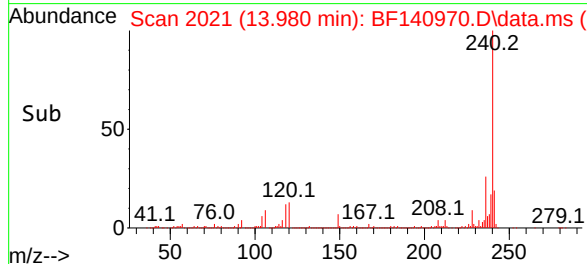
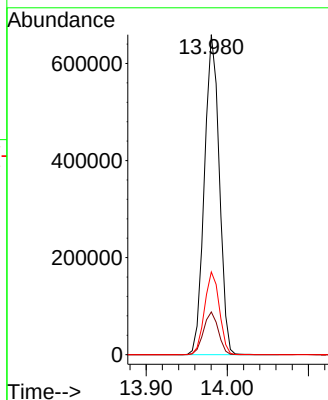
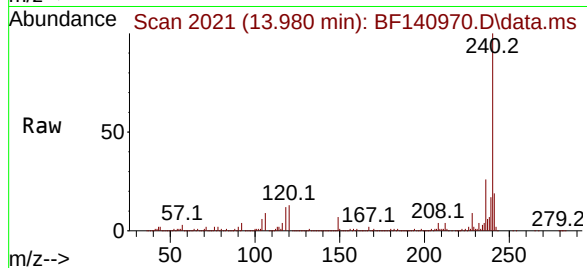




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF140970.D
Acq: 26 Dec 2024 16:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

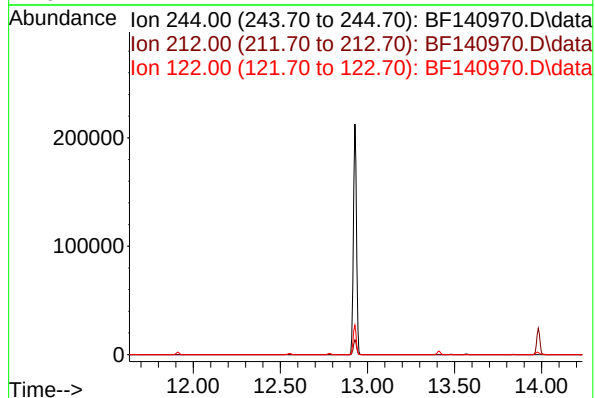
Tgt Ion:240 Resp: 837900
Ion Ratio Lower Upper
240 100
120 13.4 10.7 16.1
236 25.8 20.6 31.0



#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 12.93 min

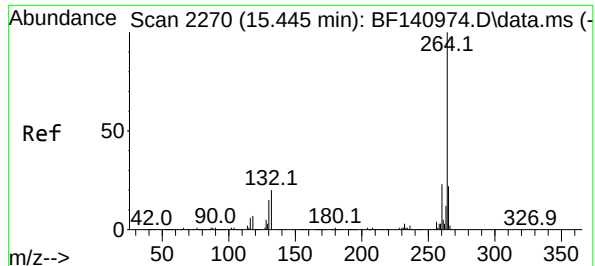
Lab File: BF140970.D
Acq: 26 Dec 2024 16:23

Tgt Ion: 244
Sig Exp Ratio
244 100
212 7.1
122 12.7



Ion 212.00 (211.70 to 212.70): BF140970.D\data

Ion 122.00 (121.70 to 122.70): BF140970.D\data



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140970.D

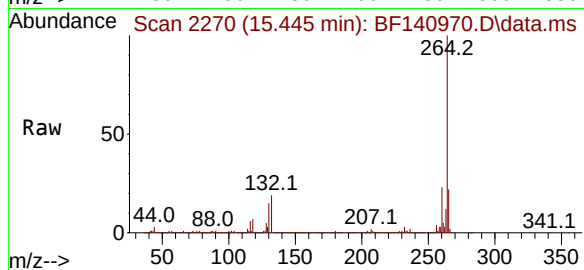
Acq: 26 Dec 2024 16:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



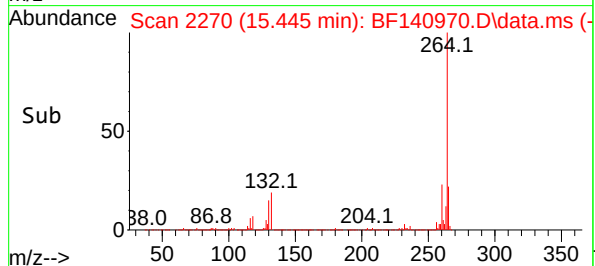
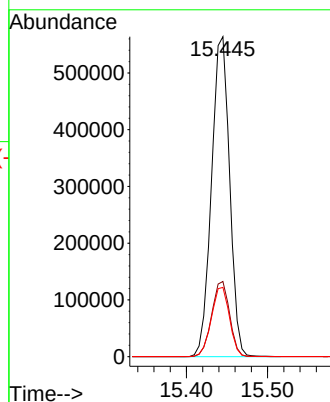
Tgt Ion:264 Resp: 873226

Ion	Ratio	Lower	Upper
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264	100		
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260	23.5	18.7	28.1
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265	21.6	17.4	26.2
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122624\
 Data File : BF140971.D
 Acq On : 26 Dec 2024 16:49
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Quant Time: Dec 27 00:16:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:11:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	244397	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	981263	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	532506	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	938555	20.000	ng	0.00
76) Chrysene-d12	13.980	240	749775	20.000	ng	0.00
86) Perylene-d12	15.445	264	730672	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	183577	11.323	ng	0.00
7) Phenol-d6	6.434	99	233457	11.178	ng	-0.02
23) Nitrobenzene-d5	7.381	82	119635	7.800	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	47007	9.085	ng	-0.01
45) 2-Fluorobiphenyl	9.181	172	411497	12.312	ng	0.00
79) Terphenyl-d14	12.927	244	477948	10.588	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	38472	5.241	ng	97
3) Pyridine	3.310	79	99046	5.521	ng	97
4) n-Nitrosodimethylamine	3.234	42	46147	5.077	ng	# 96
6) Aniline	6.487	93	104416	5.605	ng	98
8) 2-Chlorophenol	6.604	128	95096	5.563	ng	97
10) Phenol	6.451	94	119516	5.534	ng	96
11) bis(2-Chloroethyl)ether	6.557	93	94288	5.412	ng	98
12) 1,3-Dichlorobenzene	6.769	146	106038	5.621	ng	99
13) 1,4-Dichlorobenzene	6.845	146	106890	5.621	ng	98
14) 1,2-Dichlorobenzene	6.998	146	101438	5.721	ng	97
15) Benzyl Alcohol	6.957	79	81438	5.426	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.104	45	147834	5.606	ng	99
17) 2-Methylphenol	7.063	107	76369	5.378	ng	100
18) Hexachloroethane	7.340	117	35891	5.313	ng	95
19) n-Nitroso-di-n-propyla...	7.228	70	69676	5.445	ng	97
20) 3+4-Methylphenols	7.216	107	100457	5.590	ng	93
22) Acetophenone	7.228	105	140966	5.856	ng	99
24) Nitrobenzene	7.398	77	70606	4.120	ng	97
25) Isophorone	7.640	82	182478	5.467	ng	98
26) 2-Nitrophenol	7.722	139	16400	7.379	ng	96
27) 2,4-Dimethylphenol	7.751	122	65753	5.391	ng	98
28) bis(2-Chloroethoxy)met...	7.857	93	117023	5.534	ng	97
29) 2,4-Dichlorophenol	7.957	162	70187	5.074	ng	100
30) 1,2,4-Trichlorobenzene	8.051	180	86885	5.549	ng	99
31) Naphthalene	8.128	128	296471	5.734	ng	98
33) 4-Chloroaniline	8.175	127	101675	5.435	ng	98
34) Hexachlorobutadiene	8.251	225	51022	5.527	ng	98
35) Caprolactam	8.492	113	23997	5.102	ng	97
36) 4-Chloro-3-methylphenol	8.639	107	80975	5.271	ng	98
37) 2-Methylnaphthalene	8.816	142	189400	5.726	ng	99
38) 1-Methylnaphthalene	8.916	142	188155	5.788	ng	100
40) 1,2,4,5-Tetrachloroben...	8.981	216	80086	5.467	ng	98
41) Hexachlorocyclopentadiene	8.975	237	21995	4.531	ng	99
43) 2,4,6-Trichlorophenol	9.086	196	47166	4.837	ng	99
44) 2,4,5-Trichlorophenol	9.122	196	49432	4.955	ng	99
46) 1,1'-Biphenyl	9.281	154	236377	5.797	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122624\
 Data File : BF140971.D
 Acq On : 26 Dec 2024 16:49
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

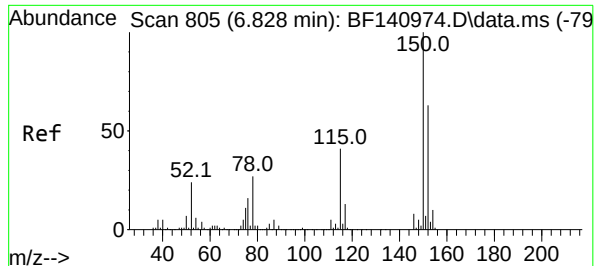
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:11:18 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	9.304	162	181255	5.732	ng	97
48) 2-Nitroaniline	9.392	65	18450	6.658	ng	95
49) Acenaphthylene	9.716	152	257474	5.656	ng	98
50) Dimethylphthalate	9.575	163	191408	5.465	ng	99
51) 2,6-Dinitrotoluene	9.634	165	17091	5.865	ng	88
52) Acenaphthene	9.892	154	171603	5.576	ng	99
53) 3-Nitroaniline	9.798	138	20408	5.713	ng	# 85
55) Dibenzofuran	10.063	168	247167	5.715	ng	97
57) 2,4-Dinitrotoluene	10.033	165	18052	6.371	ng	# 85
58) Fluorene	10.404	166	199322	5.943	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.175	232	40337	4.882	ng	100
60) Diethylphthalate	10.275	149	190810	5.518	ng	99
61) 4-Chlorophenyl-phenyle...	10.398	204	93161	5.773	ng	100
62) 4-Nitroaniline	10.404	138	20793	5.839	ng	# 78
63) Azobenzene	10.557	77	199905	5.508	ng	99
66) n-Nitrosodiphenylamine	10.516	169	167108	5.654	ng	100
67) 4-Bromophenyl-phenylether	10.892	248	55213	5.442	ng	99
68) Hexachlorobenzene	10.951	284	61339	5.483	ng	98
69) Atrazine	11.039	200	51263	6.209	ng	98
70) Pentachlorophenol	11.139	266	28530	4.096	ng	97
71) Phenanthrene	11.369	178	286441	5.799	ng	98
72) Anthracene	11.416	178	278610	5.756	ng	98
73) Carbazole	11.569	167	267065	5.740	ng	99
74) Di-n-butylphthalate	11.910	149	292755	5.532	ng	99
75) Fluoranthene	12.551	202	312668	5.836	ng	99
77) Benzidine	12.674	184	79065	4.990	ng	99
78) Pyrene	12.780	202	328787	5.014	ng	98
80) Butylbenzylphthalate	13.410	149	99667	4.162	ng	96
81) Benzo(a)anthracene	13.969	228	294772	5.641	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	88822	5.658	ng	98
83) Chrysene	14.010	228	251288	5.335	ng	98
84) Bis(2-ethylhexyl)phtha...	13.974	149	154045	4.960	ng	99
85) Di-n-octyl phthalate	14.592	149	216905	4.825	ng	99
87) Indeno(1,2,3-cd)pyrene	16.880	276	191761	4.166	ng	99
88) Benzo(b)fluoranthene	15.016	252	248464	4.876	ng	100
89) Benzo(k)fluoranthene	15.045	252	212890	5.330	ng	99
90) Benzo(a)pyrene	15.374	252	209418	5.294	ng	98
91) Dibenzo(a,h)anthracene	16.904	278	154741	4.147	ng	99
92) Benzo(g,h,i)perylene	17.315	276	150669	3.893	ng	99

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

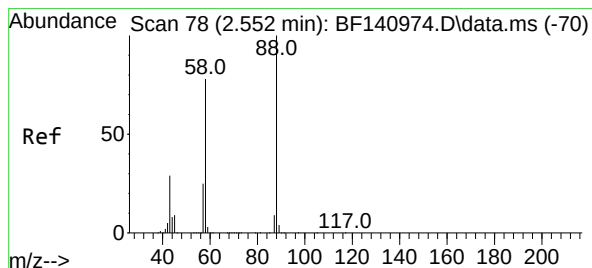
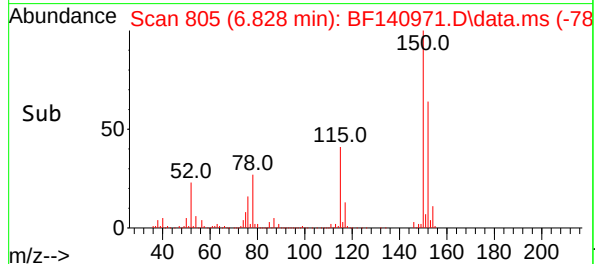
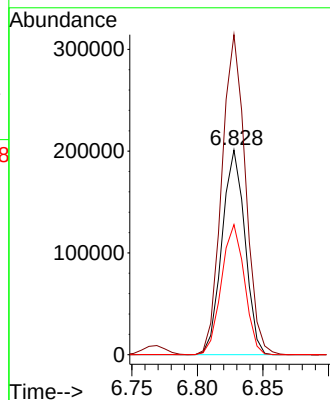
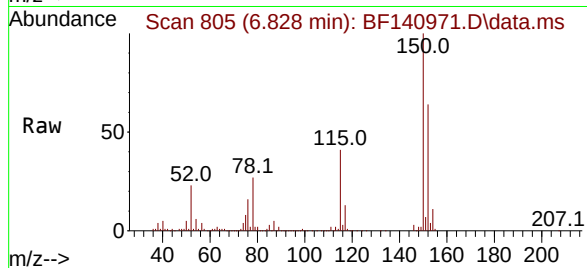
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

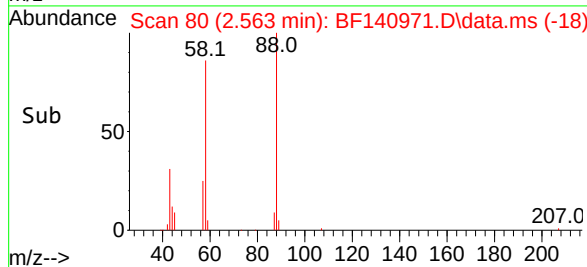
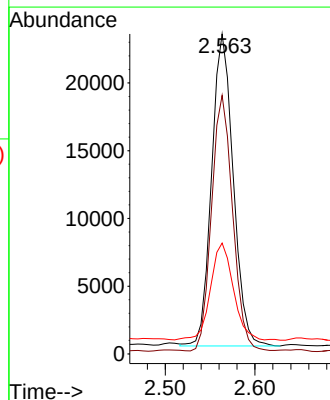
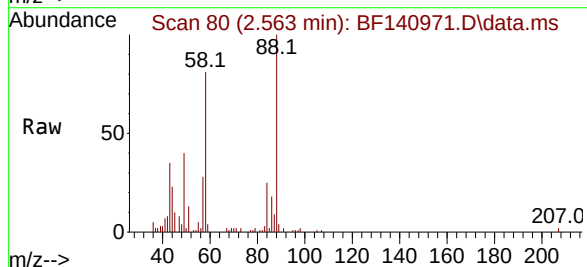
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

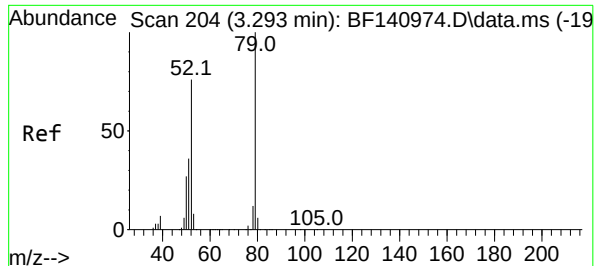
Tgt Ion:152 Resp: 244397
Ion Ratio Lower Upper
152 100
150 156.4 127.0 190.6
115 63.6 51.7 77.5



#2
1,4-Dioxane
Concen: 5.241 ng
RT: 2.563 min Scan# 80
Delta R.T. 0.012 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

Tgt Ion: 88 Resp: 38472
Ion Ratio Lower Upper
88 100
58 80.0 63.0 94.4
43 33.0 23.4 35.2





#3

Pyridine

Concen: 5.521 ng

RT: 3.310 min Scan# 20

Delta R.T. 0.018 min

Lab File: BF140971.D

Acq: 26 Dec 2024 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

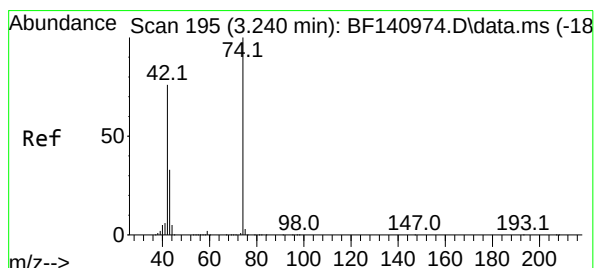
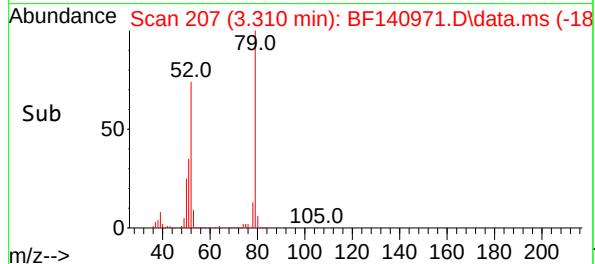
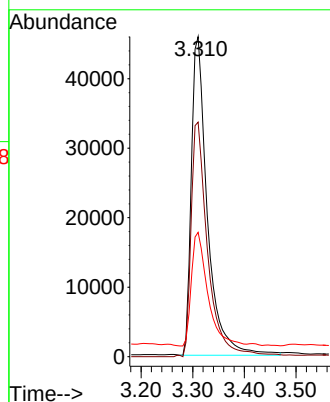
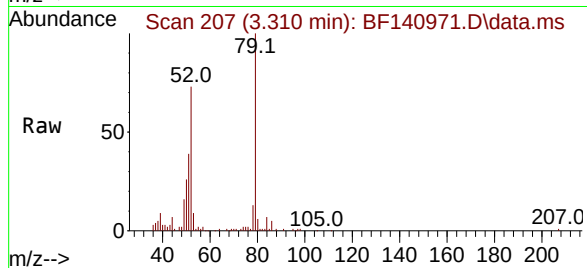
Tgt Ion: 79 Resp: 99046

Ion Ratio Lower Upper

79 100

52 73.3 60.4 90.6

51 38.9 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 5.077 ng

RT: 3.234 min Scan# 194

Delta R.T. -0.006 min

Lab File: BF140971.D

Acq: 26 Dec 2024 16:49

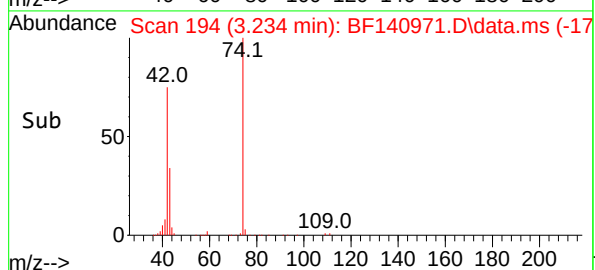
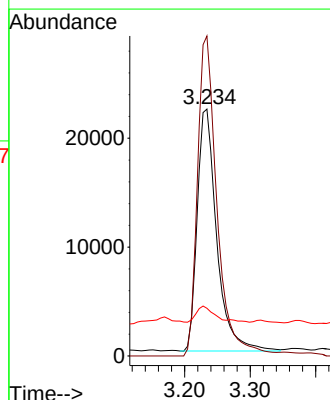
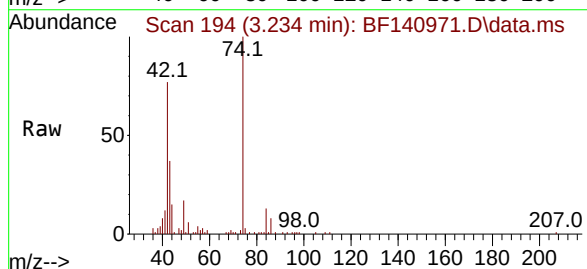
Tgt Ion: 42 Resp: 46147

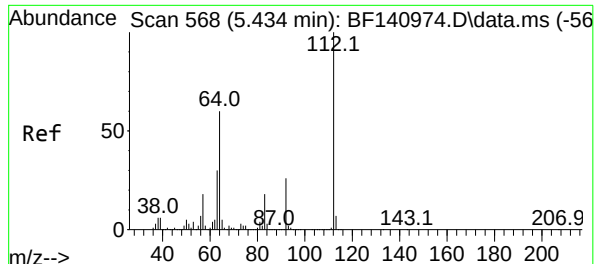
Ion Ratio Lower Upper

42 100

74 129.6 105.8 158.6

44 19.3 6.6 10.0#

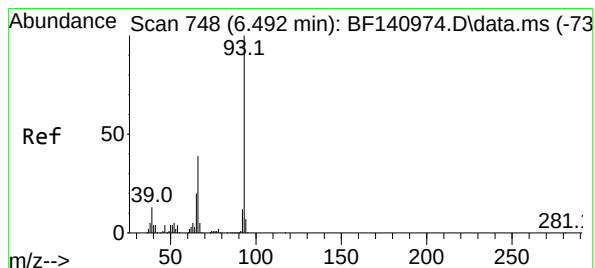
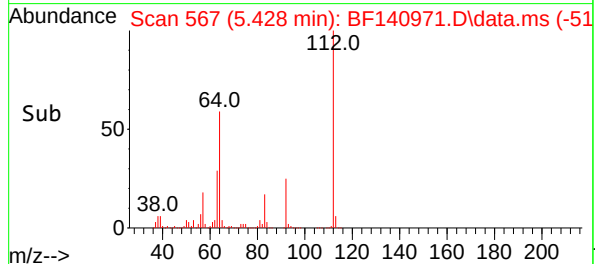
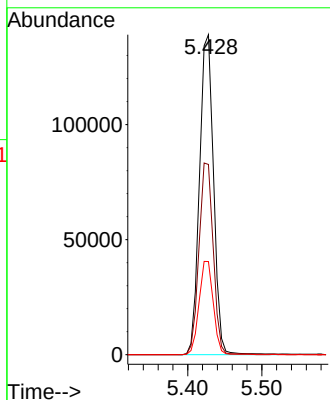
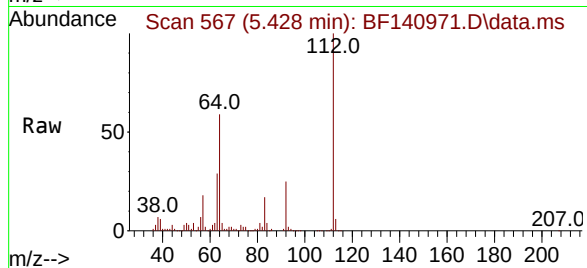




#5
2-Fluorophenol
Concen: 11.323 ng
RT: 5.428 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

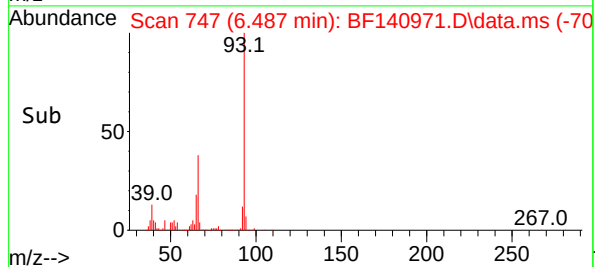
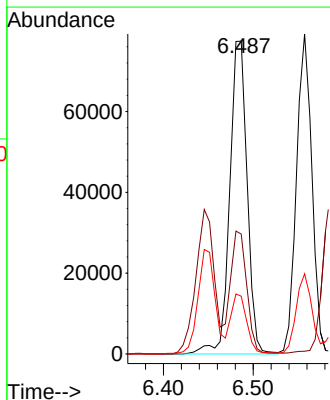
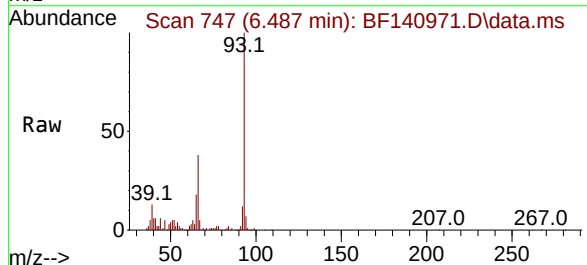
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

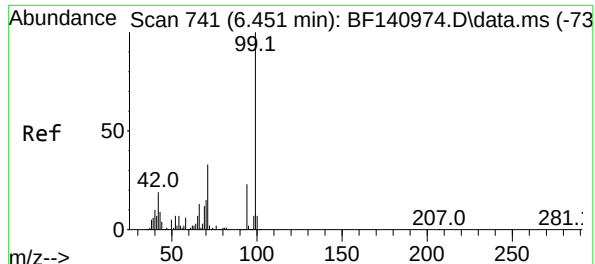
Tgt Ion:112 Resp: 183577
Ion Ratio Lower Upper
112 100
64 59.5 47.7 71.5
63 29.1 24.2 36.2



#6
Aniline
Concen: 5.605 ng
RT: 6.487 min Scan# 747
Delta R.T. -0.024 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

Tgt Ion: 93 Resp: 104416
Ion Ratio Lower Upper
93 100
66 38.3 31.8 47.8
65 18.5 15.4 23.0





#7

Phenol-d6

Concen: 11.178 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF140971.D

Acq: 26 Dec 2024 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

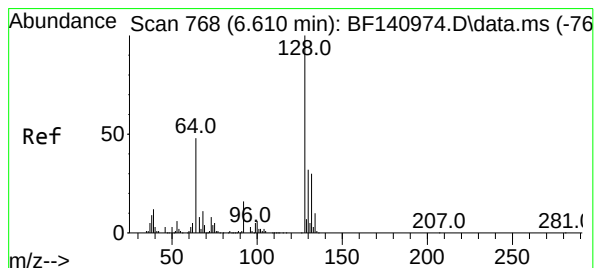
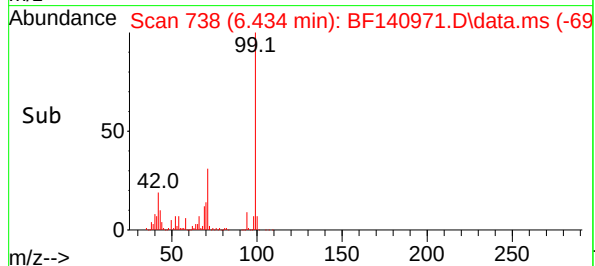
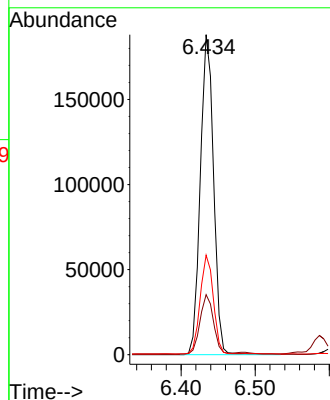
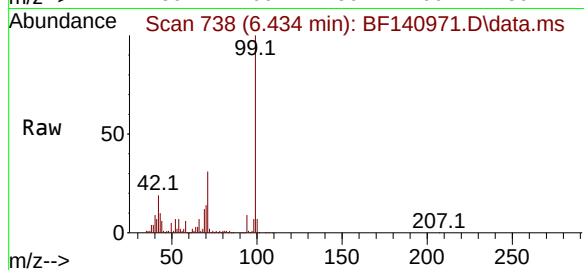
Tgt Ion: 99 Resp: 233457

Ion Ratio Lower Upper

99 100

42 18.7 15.0 22.4

71 31.1 26.2 39.2



#8

2-Chlorophenol

Concen: 5.563 ng

RT: 6.604 min Scan# 767

Delta R.T. -0.006 min

Lab File: BF140971.D

Acq: 26 Dec 2024 16:49

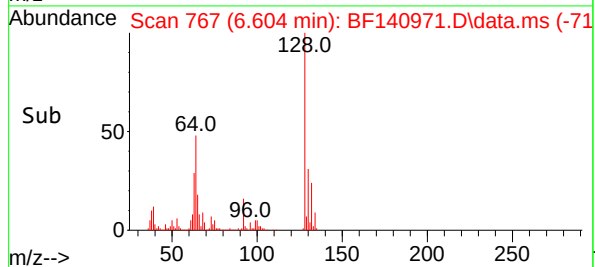
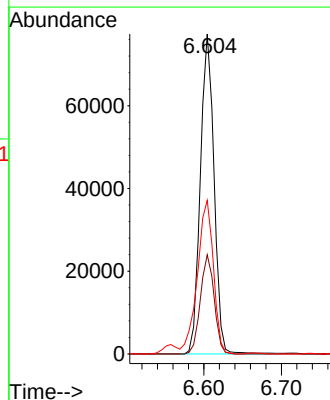
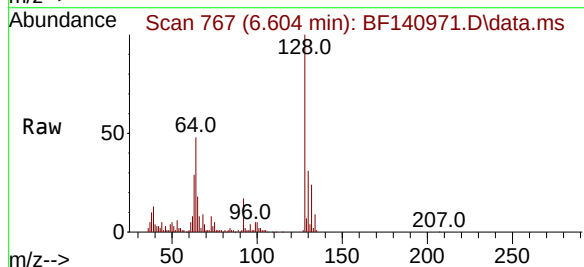
Tgt Ion:128 Resp: 95096

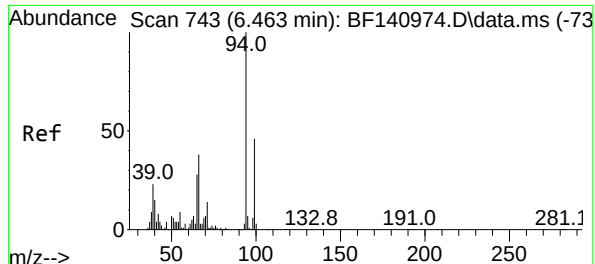
Ion Ratio Lower Upper

128 100

130 31.0 12.2 52.2

64 48.0 30.3 70.3

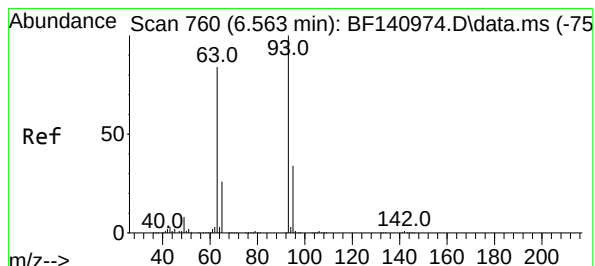
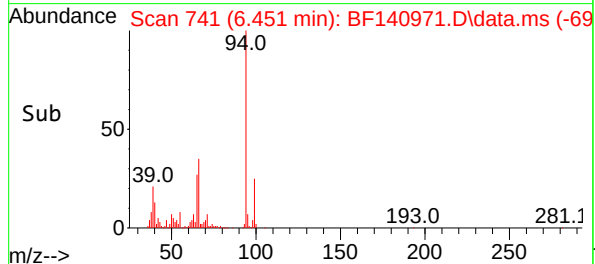
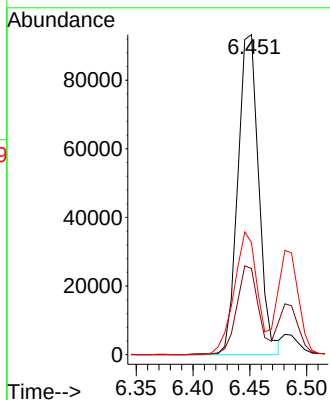
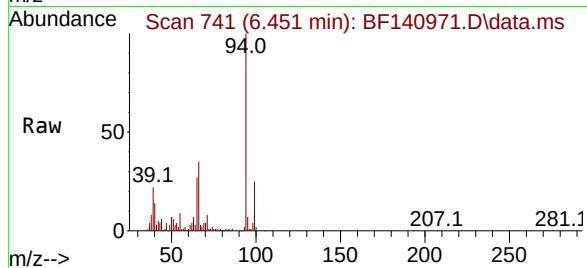




#10
Phenol
Concen: 5.534 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

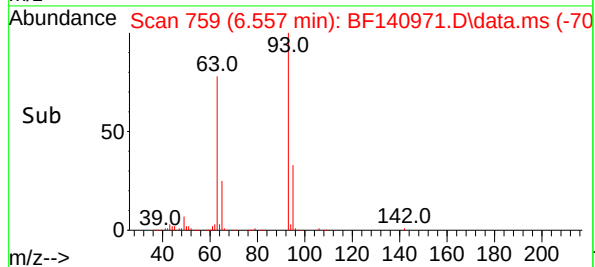
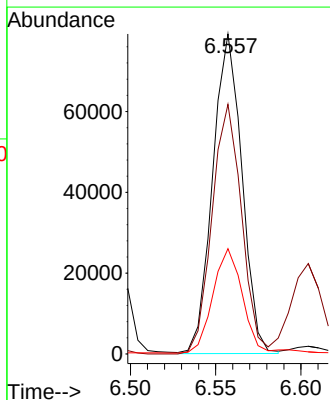
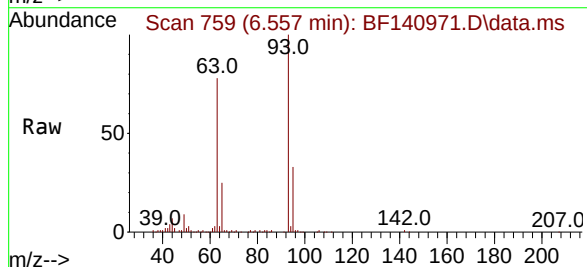
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ClientSampleId :
SSTDICC005

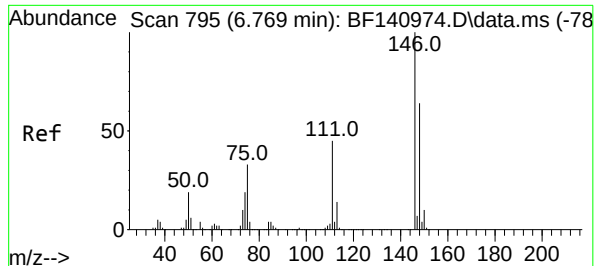
Tgt Ion: 94 Resp: 119516
Ion Ratio Lower Upper
94 100
65 27.0 8.1 48.1
66 35.0 18.7 58.7



#11
bis(2-Chloroethyl)ether
Concen: 5.412 ng
RT: 6.557 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

Tgt Ion: 93 Resp: 94288
Ion Ratio Lower Upper
93 100
63 78.0 60.3 100.3
95 32.9 12.2 52.2





#12

1,3-Dichlorobenzene

Concen: 5.621 ng

RT: 6.769 min Scan# 795

Delta R.T. 0.000 min

Lab File: BF140971.D

Acq: 26 Dec 2024 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

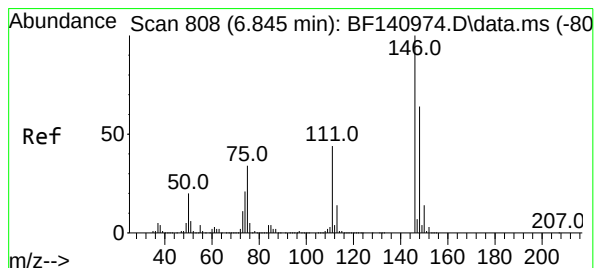
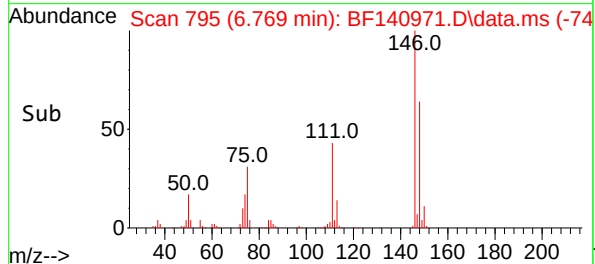
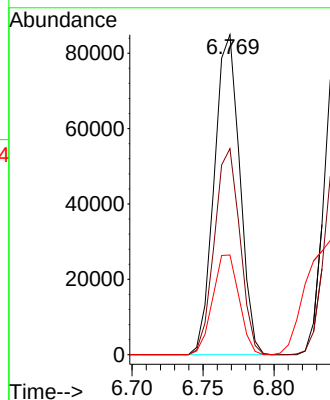
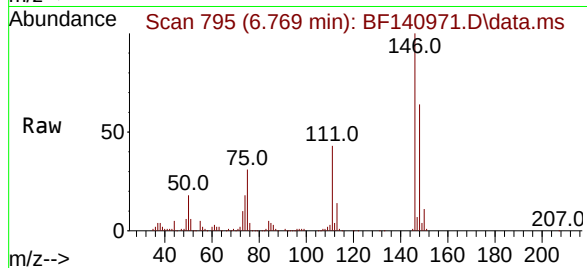
Tgt Ion:146 Resp: 106038

Ion Ratio Lower Upper

146 100

148 64.4 51.0 76.4

75 31.2 26.1 39.1



#13

1,4-Dichlorobenzene

Concen: 5.621 ng

RT: 6.845 min Scan# 808

Delta R.T. 0.000 min

Lab File: BF140971.D

Acq: 26 Dec 2024 16:49

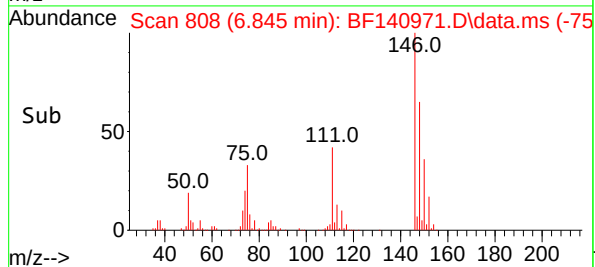
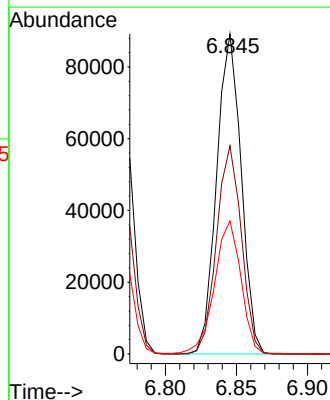
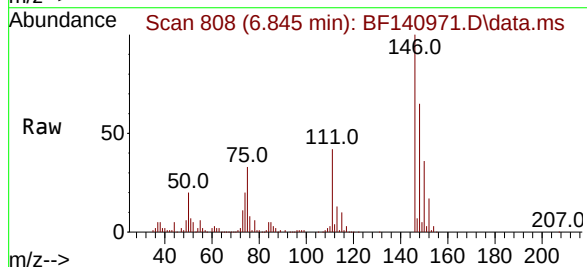
Tgt Ion:146 Resp: 106890

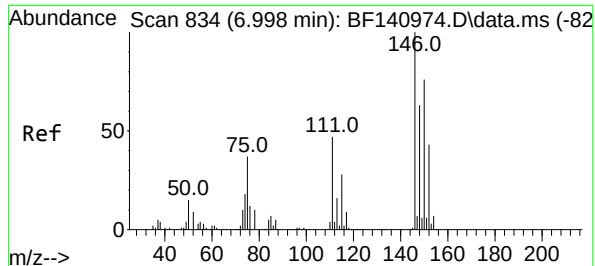
Ion Ratio Lower Upper

146 100

148 65.0 51.3 76.9

111 41.6 35.3 52.9





#14

1,2-Dichlorobenzene

Concen: 5.721 ng

RT: 6.998 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF140971.D

Acq: 26 Dec 2024 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

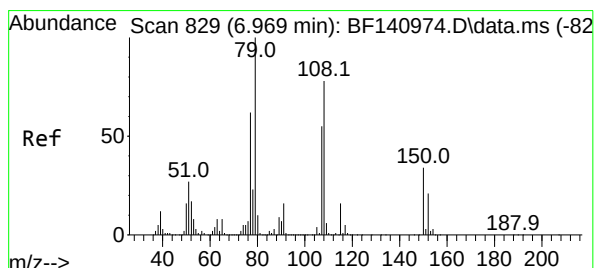
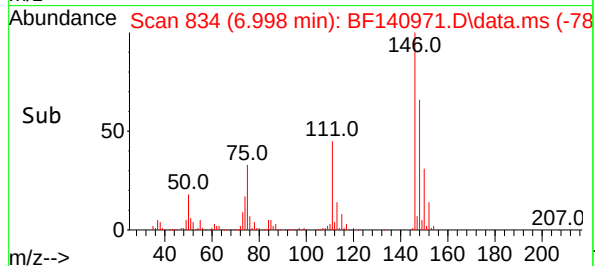
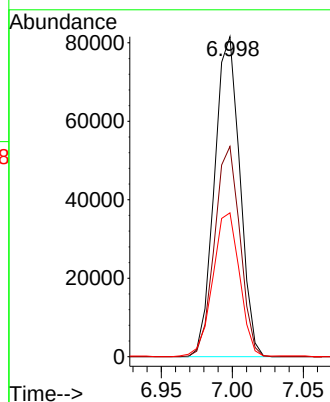
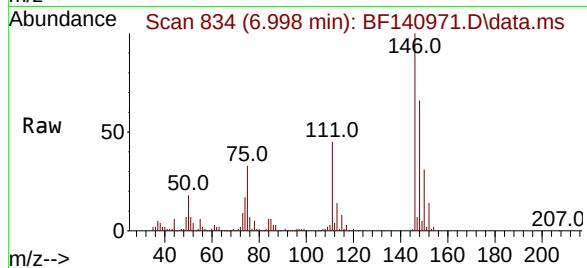
Tgt Ion:146 Resp: 101438

Ion Ratio Lower Upper

146 100

148 65.7 50.6 76.0

111 45.0 37.3 55.9



#15

Benzyl Alcohol

Concen: 5.426 ng

RT: 6.957 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF140971.D

Acq: 26 Dec 2024 16:49

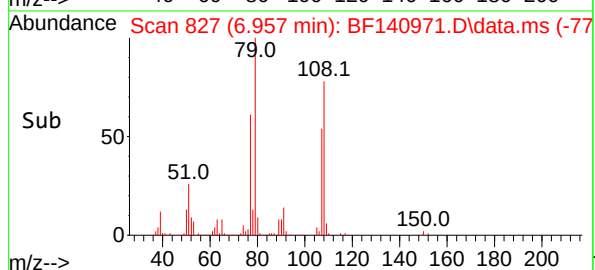
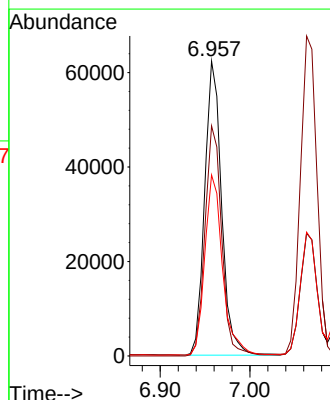
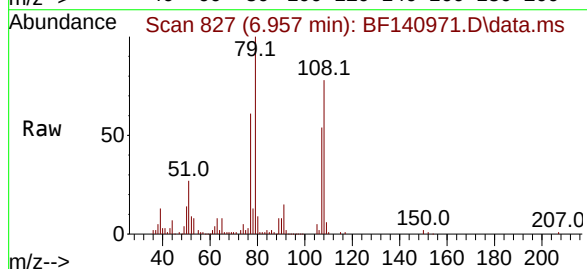
Tgt Ion: 79 Resp: 81438

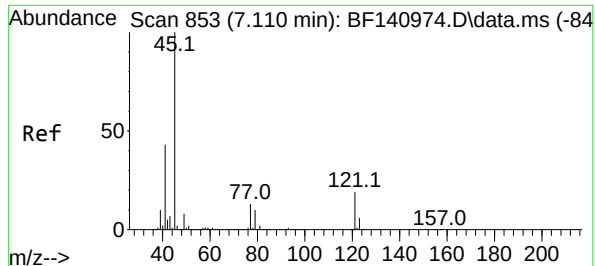
Ion Ratio Lower Upper

79 100

108 78.0 62.5 93.7

77 61.3 49.3 73.9





#16

2,2'-oxybis(1-Chloropropane)

Concen: 5.606 ng

RT: 7.104 min Scan# 844

Delta R.T. -0.006 min

Lab File: BF140971.D

Acq: 26 Dec 2024 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

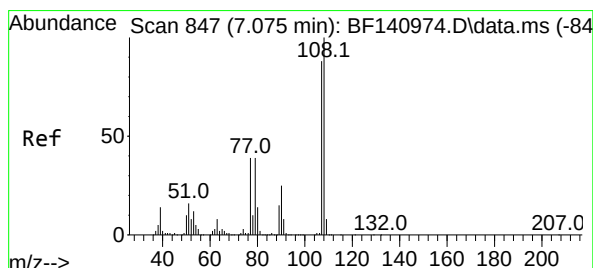
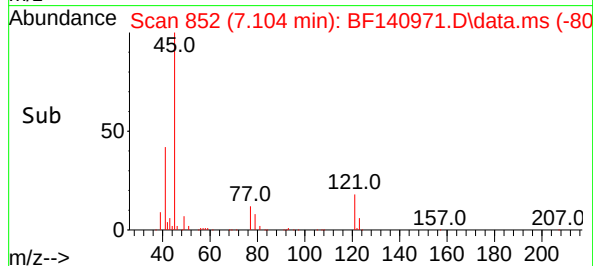
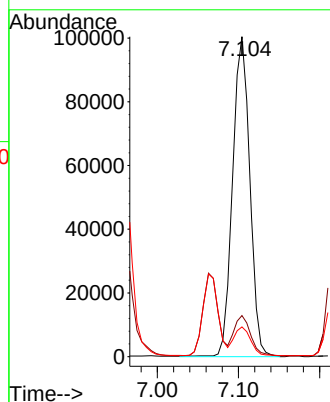
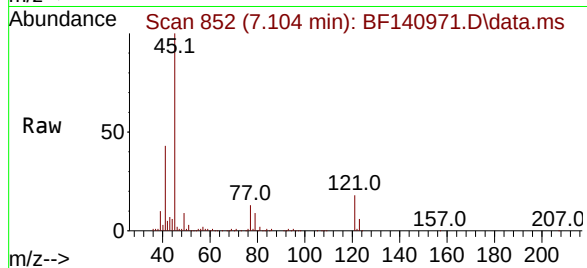
Tgt Ion: 45 Resp: 147834

Ion Ratio Lower Upper

45 100

77 12.9 0.0 33.1

79 9.3 0.0 30.1



#17

2-Methylphenol

Concen: 5.378 ng

RT: 7.063 min Scan# 845

Delta R.T. -0.012 min

Lab File: BF140971.D

Acq: 26 Dec 2024 16:49

Tgt Ion: 107 Resp: 76369

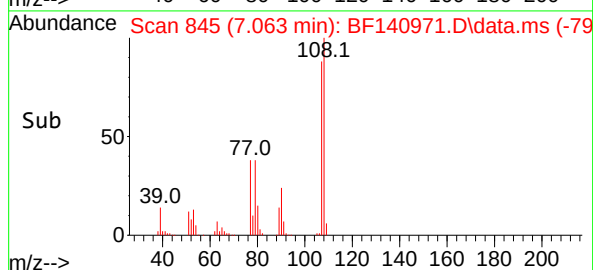
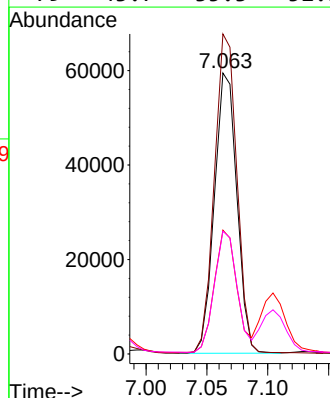
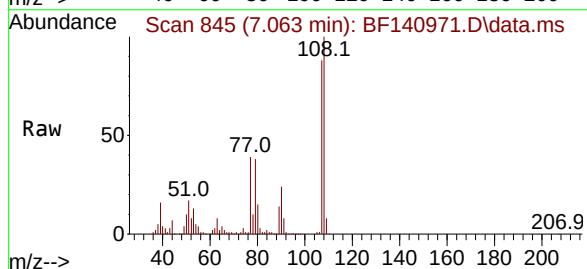
Ion Ratio Lower Upper

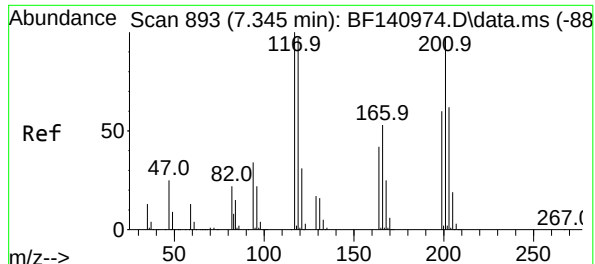
107 100

108 113.9 90.6 136.0

77 44.1 35.3 52.9

79 43.7 35.3 52.9

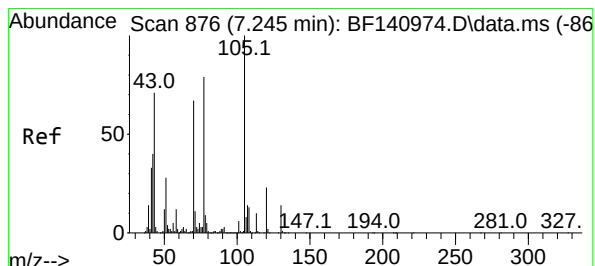
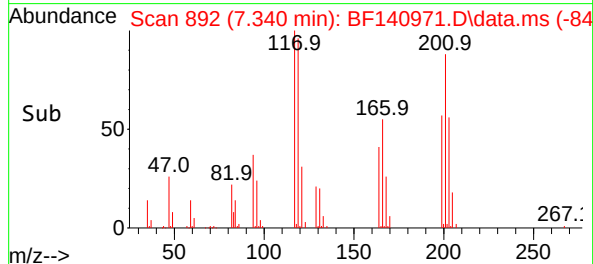
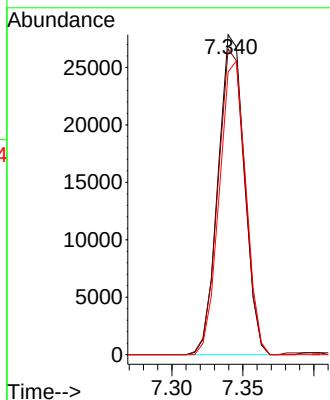
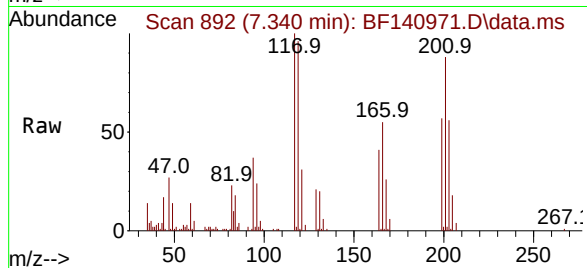




#18
Hexachloroethane
Concen: 5.313 ng
RT: 7.340 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

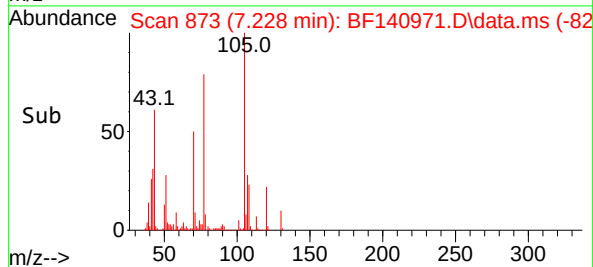
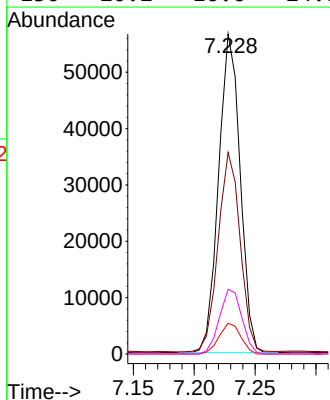
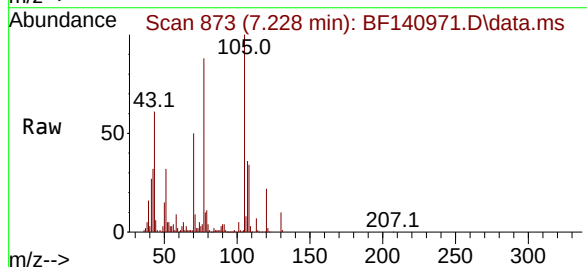
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

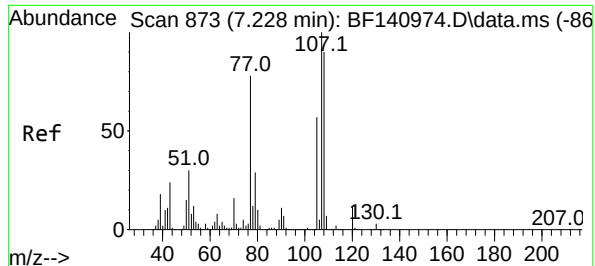
Tgt Ion:117 Resp: 35891
Ion Ratio Lower Upper
117 100
119 95.6 77.5 116.3
201 88.4 77.4 116.2



#19
n-Nitroso-di-n-propylamine
Concen: 5.445 ng
RT: 7.228 min Scan# 873
Delta R.T. -0.018 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

Tgt Ion: 70 Resp: 69676
Ion Ratio Lower Upper
70 100
42 63.0 48.1 72.1
101 9.6 7.6 11.4
130 20.2 16.6 24.8





#20

3+4-Methylphenols

Concen: 5.590 ng

RT: 7.216 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF140971.D

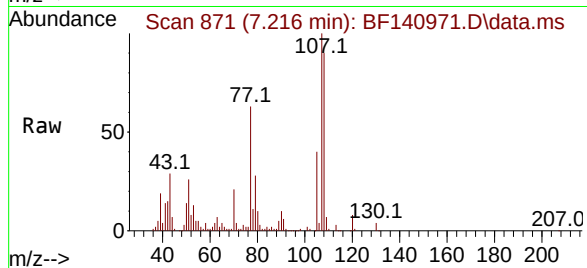
Acq: 26 Dec 2024 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion:107 Resp: 100457

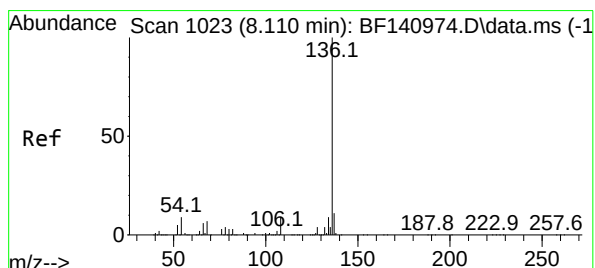
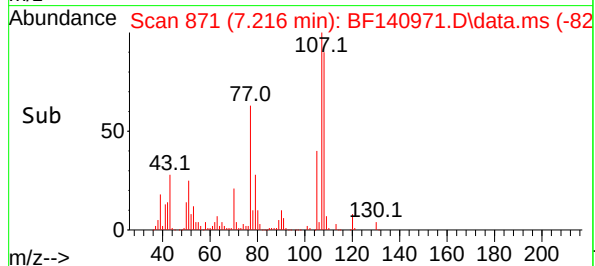
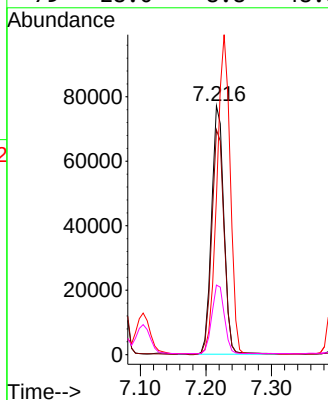
Ion Ratio Lower Upper

107 100

108 90.4 69.6 109.6

77 63.1 57.6 97.6

79 28.0 8.8 48.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.110 min Scan# 1023

Delta R.T. 0.000 min

Lab File: BF140971.D

Acq: 26 Dec 2024 16:49

Tgt Ion:136 Resp: 981263

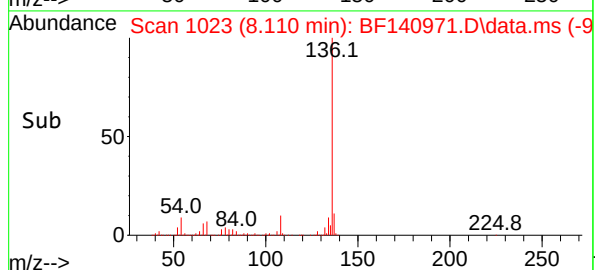
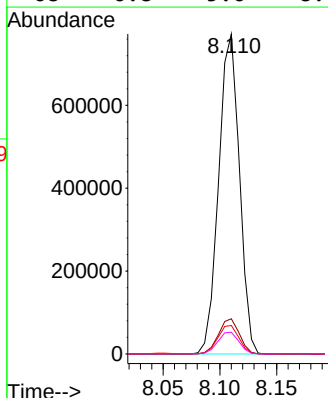
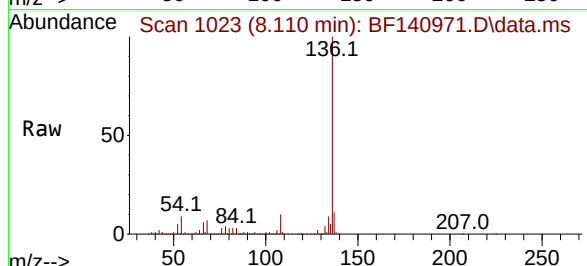
Ion Ratio Lower Upper

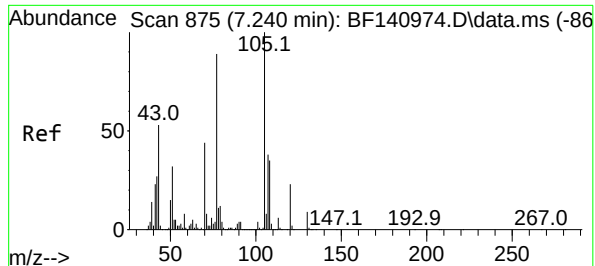
136 100

137 11.0 9.0 13.4

54 8.9 7.6 11.4

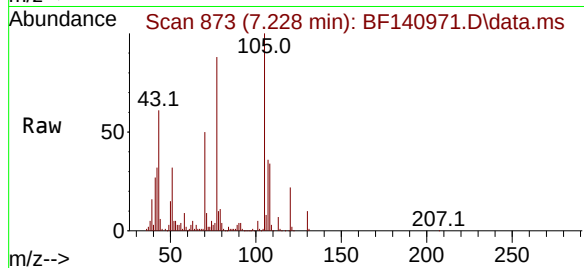
68 6.8 5.6 8.4



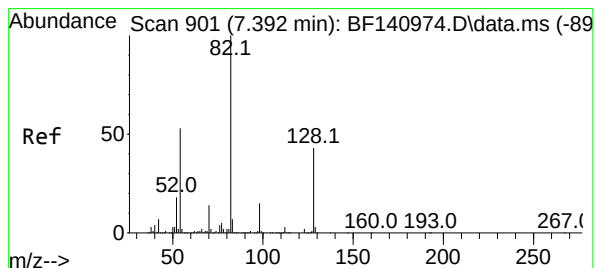
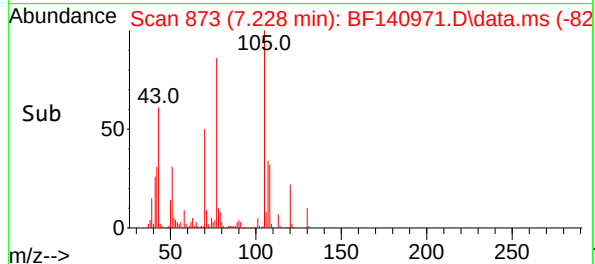
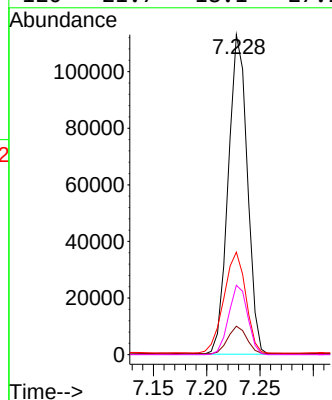


#22
Acetophenone
Concen: 5.856 ng
RT: 7.228 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

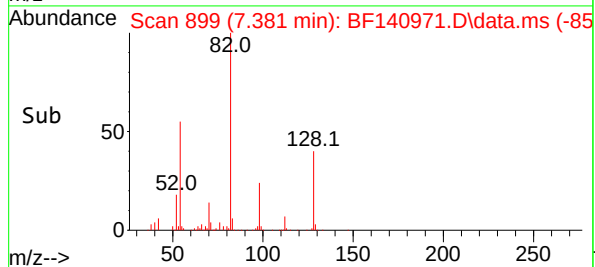
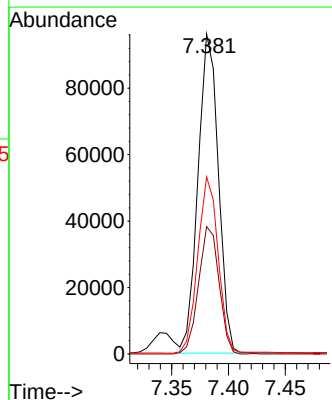
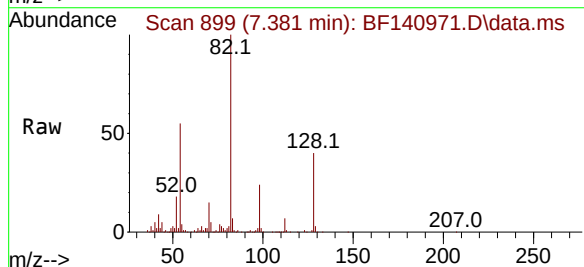


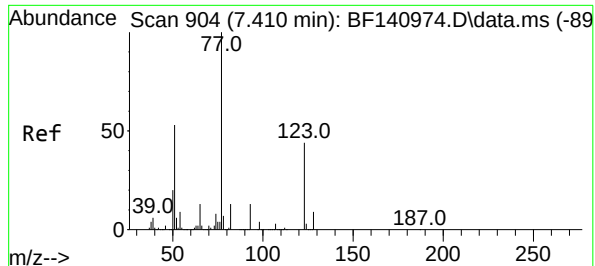
Tgt Ion:105 Resp: 140966
Ion Ratio Lower Upper
105 100
71 8.9 6.1 9.1
51 32.0 25.8 38.6
120 21.7 18.1 27.1



#23
Nitrobenzene-d5
Concen: 7.800 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

Tgt Ion: 82 Resp: 119635
Ion Ratio Lower Upper
82 100
128 39.8 34.4 51.6
54 55.4 42.4 63.6





#24

Nitrobenzene

Concen: 4.120 ng

RT: 7.398 min Scan# 904

Delta R.T. -0.012 min

Lab File: BF140971.D

Acq: 26 Dec 2024 16:49

Instrument :

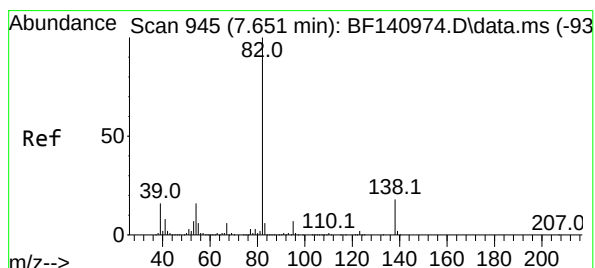
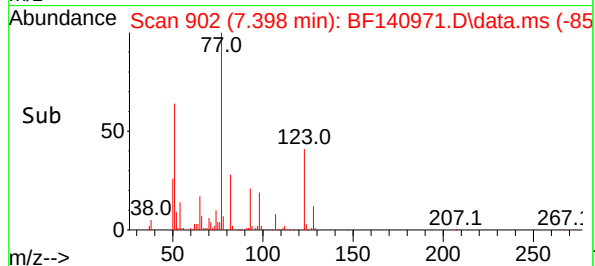
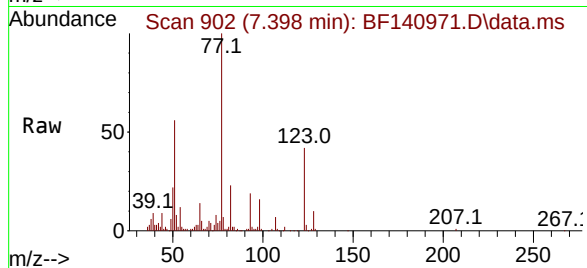
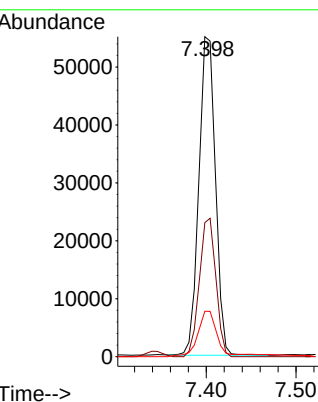
BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion: 77 Resp: 70606

Ion	Ratio	Lower	Upper
77	100		
123	41.9	35.4	53.2
65	14.2	10.7	16.1



#25

Isophorone

Concen: 5.467 ng

RT: 7.640 min Scan# 943

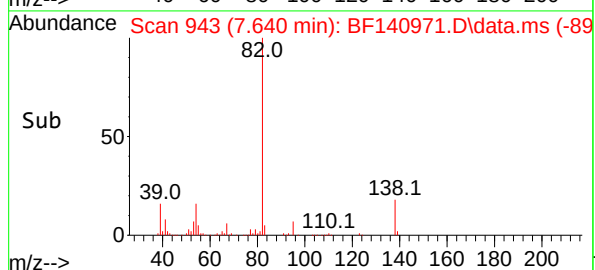
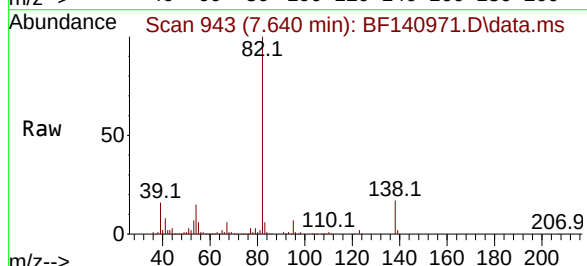
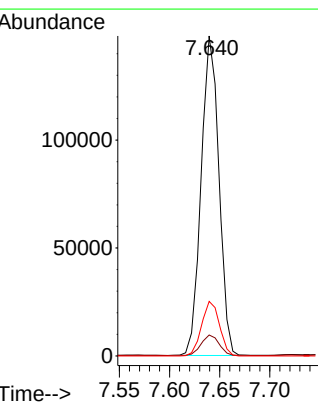
Delta R.T. -0.012 min

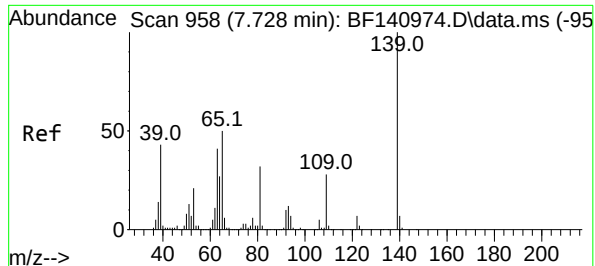
Lab File: BF140971.D

Acq: 26 Dec 2024 16:49

Tgt Ion: 82 Resp: 182478

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.6	8.4
138	17.1	14.6	21.8





#26

2-Nitrophenol

Concen: 7.379 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF140971.D

Acq: 26 Dec 2024 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

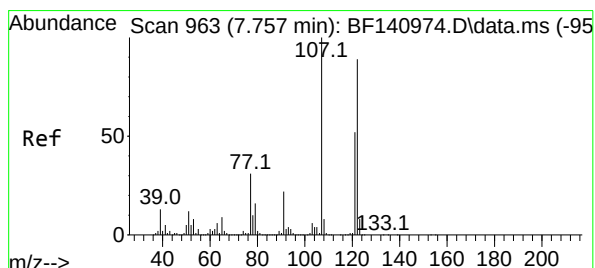
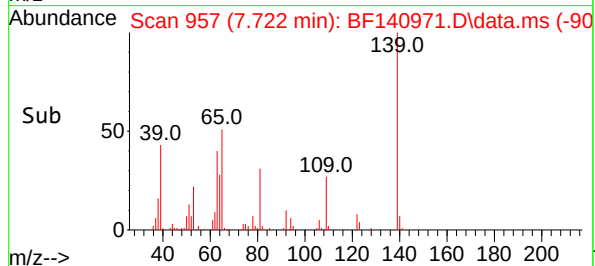
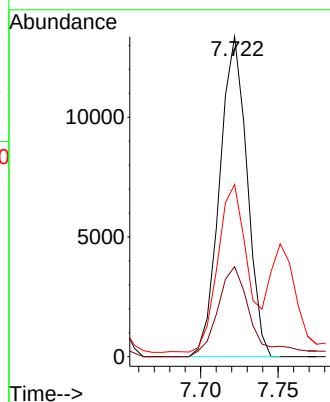
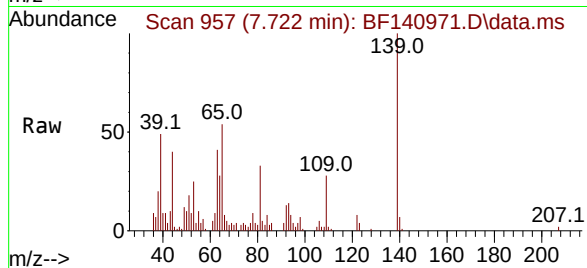
Tgt Ion:139 Resp: 16400

Ion Ratio Lower Upper

139 100

109 28.2 22.2 33.4

65 53.8 40.2 60.4



#27

2,4-Dimethylphenol

Concen: 5.391 ng

RT: 7.751 min Scan# 962

Delta R.T. -0.006 min

Lab File: BF140971.D

Acq: 26 Dec 2024 16:49

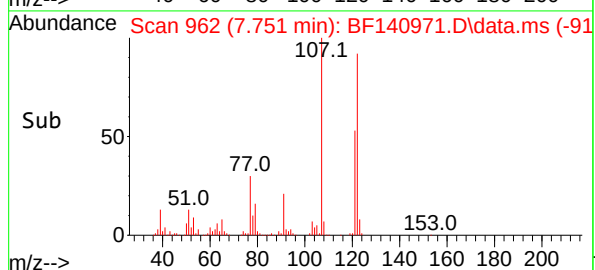
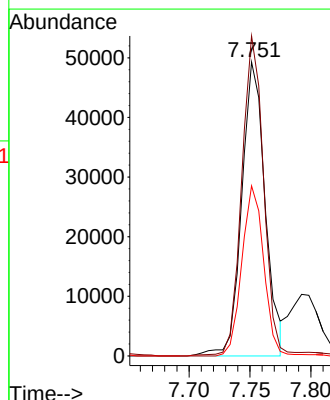
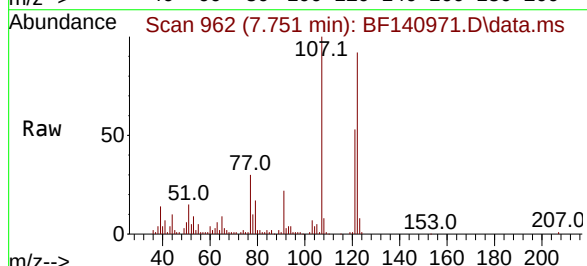
Tgt Ion:122 Resp: 65753

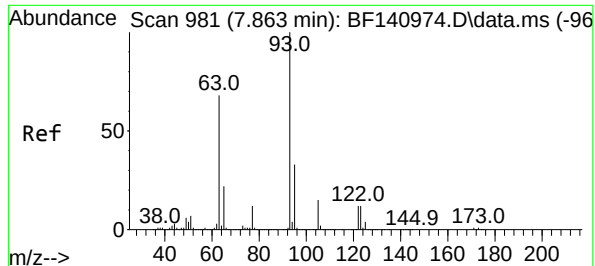
Ion Ratio Lower Upper

122 100

107 108.9 89.4 134.2

121 57.9 46.7 70.1





#28

bis(2-Chloroethoxy)methane

Concen: 5.534 ng

RT: 7.857 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF140971.D

Acq: 26 Dec 2024 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

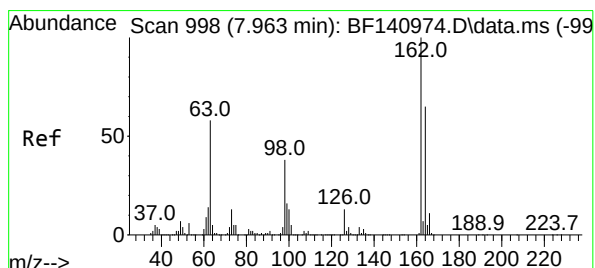
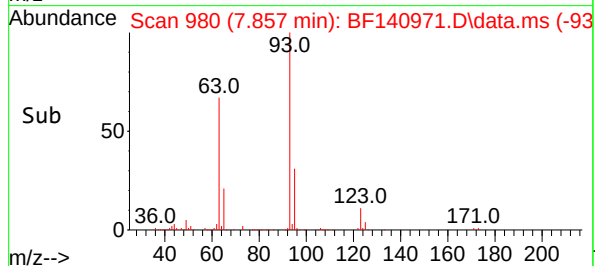
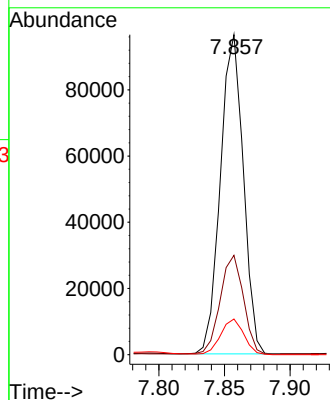
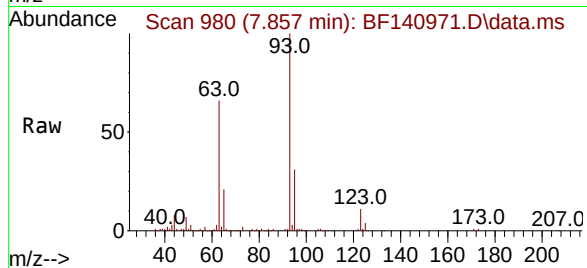
Tgt Ion: 93 Resp: 117023

Ion Ratio Lower Upper

93 100

95 31.1 26.2 39.4

123 11.2 9.9 14.9



#29

2,4-Dichlorophenol

Concen: 5.074 ng

RT: 7.957 min Scan# 997

Delta R.T. -0.006 min

Lab File: BF140971.D

Acq: 26 Dec 2024 16:49

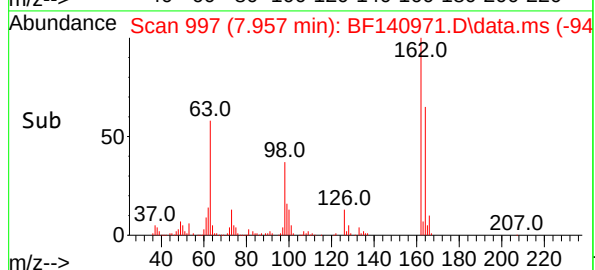
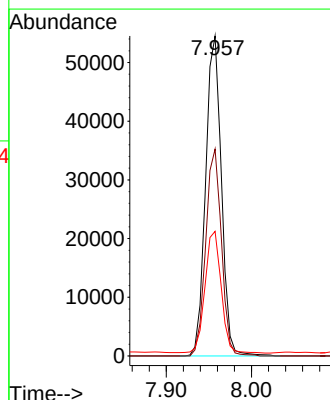
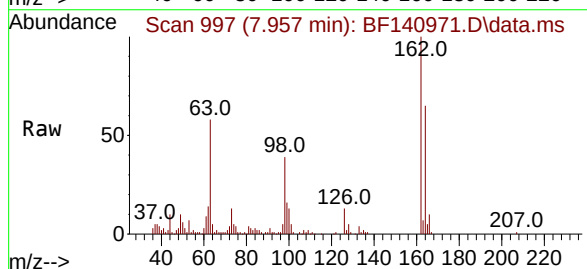
Tgt Ion: 162 Resp: 70187

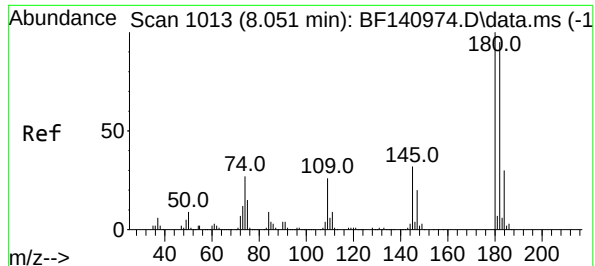
Ion Ratio Lower Upper

162 100

164 64.6 44.8 84.8

98 38.9 18.6 58.6





#30

1,2,4-Trichlorobenzene

Concen: 5.549 ng

RT: 8.051 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF140971.D

Acq: 26 Dec 2024 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

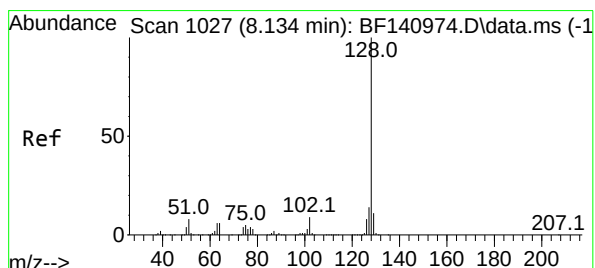
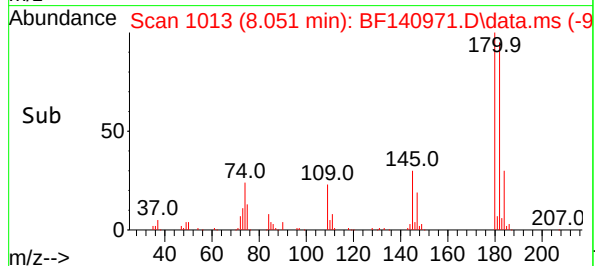
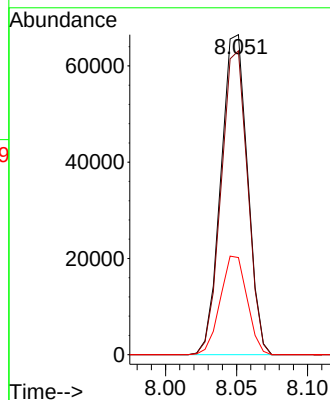
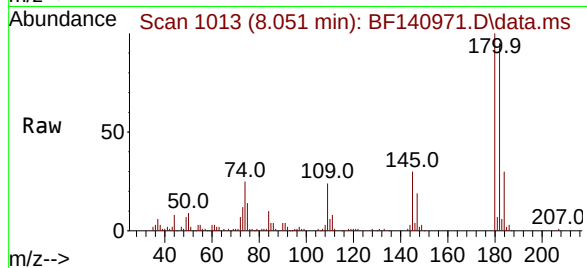
Tgt Ion:180 Resp: 86885

Ion Ratio Lower Upper

180 100

182 95.0 76.2 114.4

145 30.4 25.4 38.2



#31

Naphthalene

Concen: 5.734 ng

RT: 8.128 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF140971.D

Acq: 26 Dec 2024 16:49

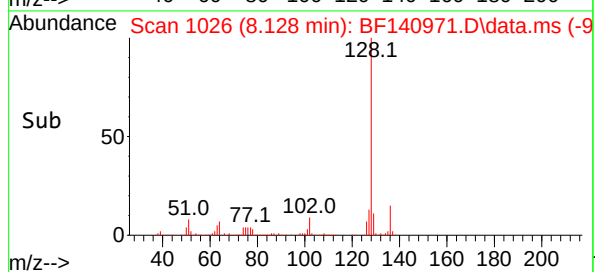
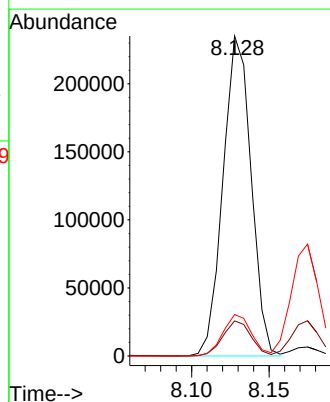
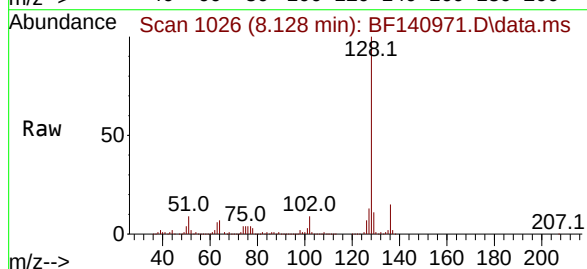
Tgt Ion:128 Resp: 296471

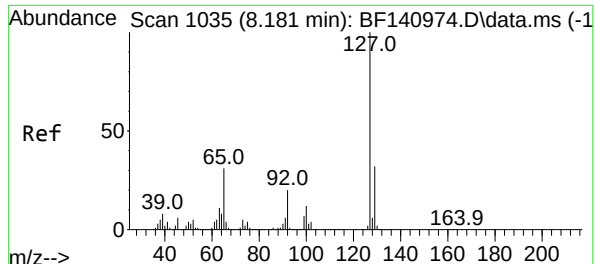
Ion Ratio Lower Upper

128 100

129 10.9 9.2 13.8

127 13.0 11.0 16.4

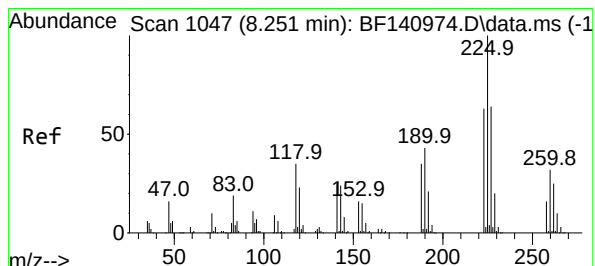
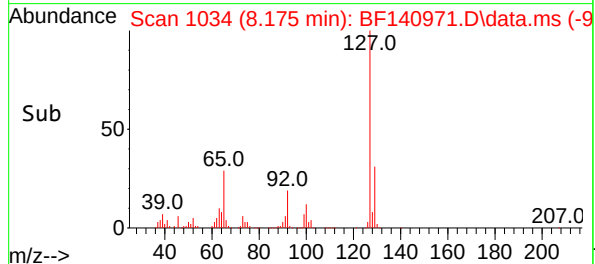
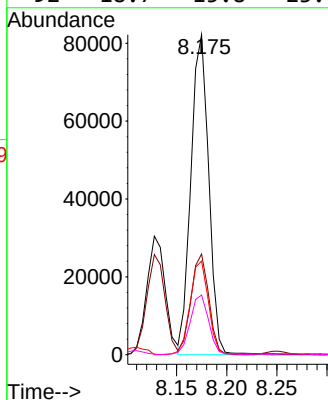
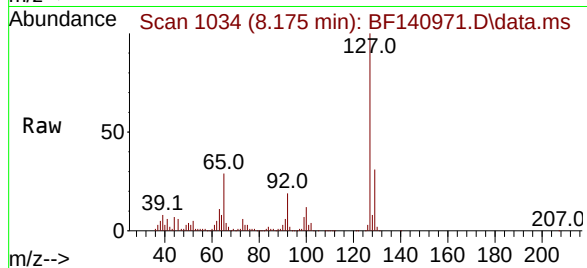




#33
4-Chloroaniline
Concen: 5.435 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

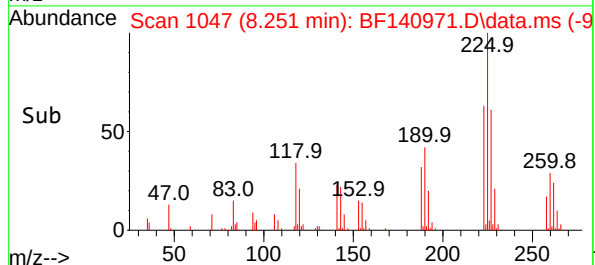
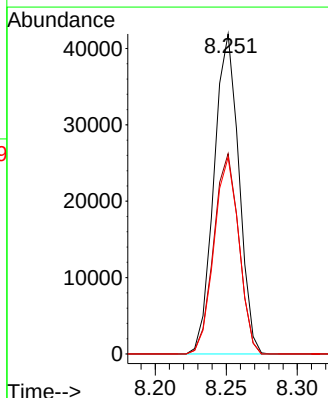
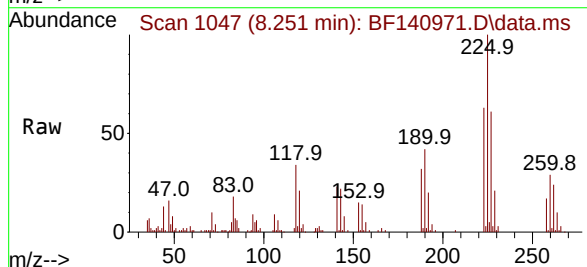
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

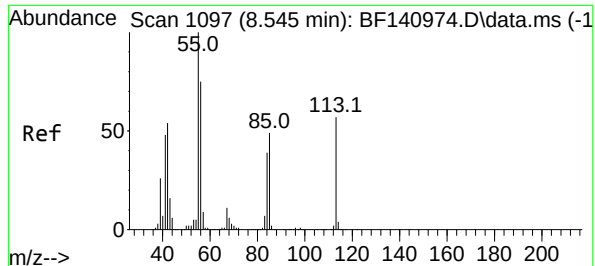
Tgt Ion:	127	Resp:	101675
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.1	39.1
65	29.3	24.6	37.0
92	18.7	15.8	23.6



#34
Hexachlorobutadiene
Concen: 5.527 ng
RT: 8.251 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

Tgt Ion:	225	Resp:	51022
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.3	75.5
227	61.4	50.8	76.2

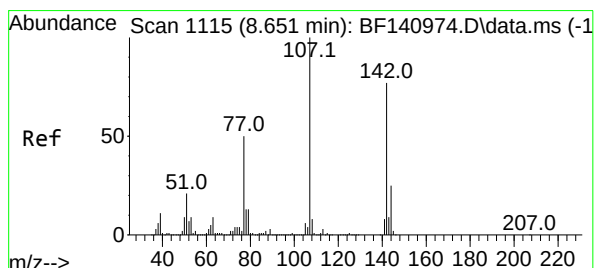
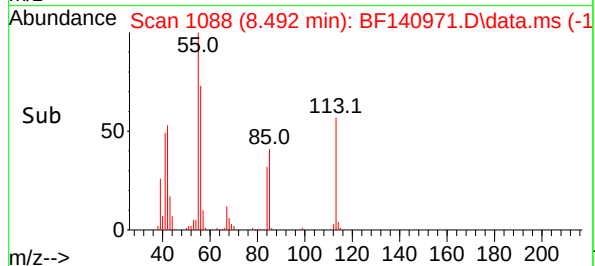
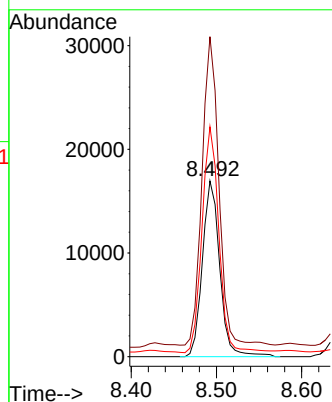
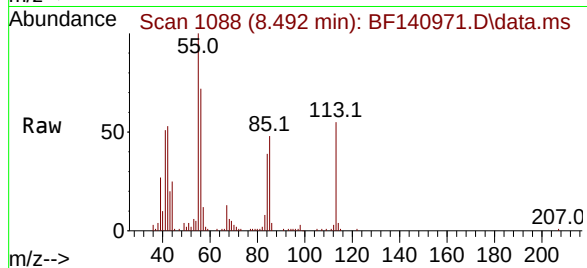




#35
Caprolactam
Concen: 5.102 ng
RT: 8.492 min Scan# 1097
Delta R.T. -0.053 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

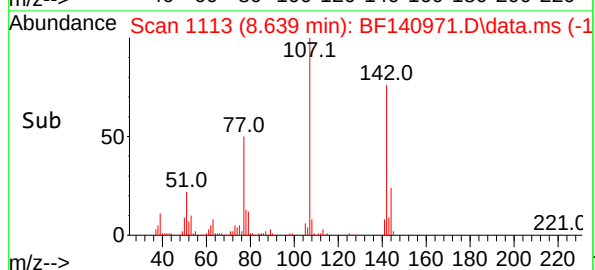
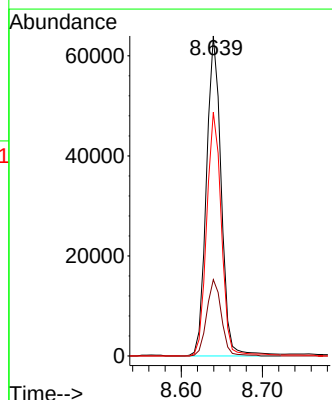
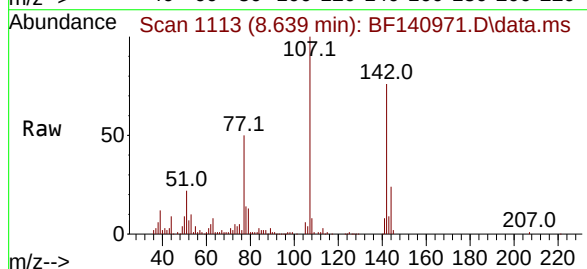
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

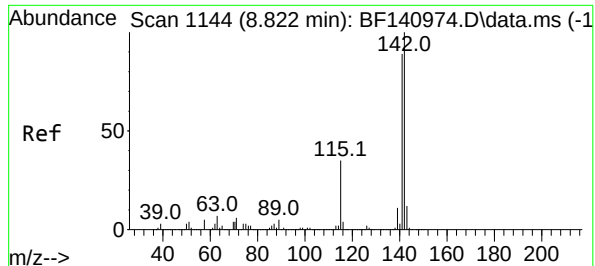
Tgt Ion	Ratio	Lower	Upper
113	100		
55	182.2	156.6	196.6
56	130.9	111.7	151.7



#36
4-Chloro-3-methylphenol
Concen: 5.271 ng
RT: 8.639 min Scan# 1113
Delta R.T. -0.012 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.8	19.9	29.9
142	76.2	61.8	92.8





#37

2-Methylnaphthalene

Concen: 5.726 ng

RT: 8.816 min Scan# 1143

Delta R.T. -0.006 min

Lab File: BF140971.D

Acq: 26 Dec 2024 16:49

Instrument :

BNA_F

ClientSampleId :

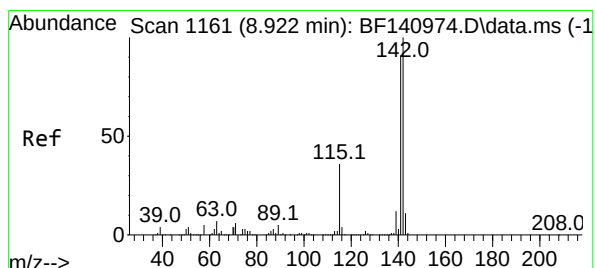
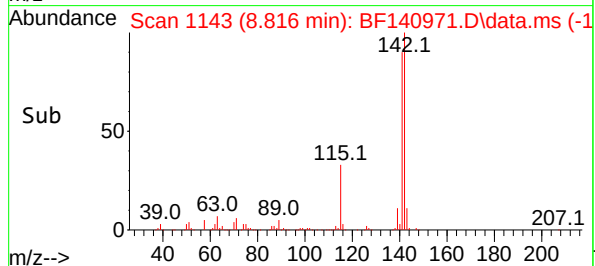
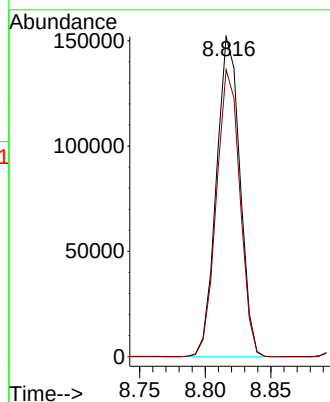
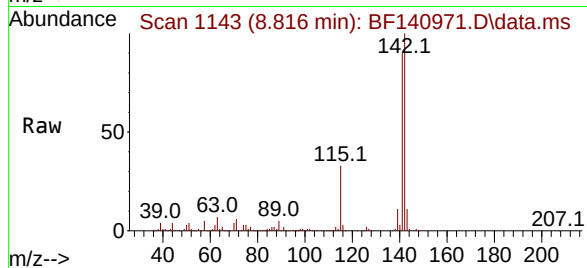
SSTDICC005

Tgt Ion:142 Resp: 189400

Ion Ratio Lower Upper

142 100

141 89.7 71.1 106.7



#38

1-Methylnaphthalene

Concen: 5.788 ng

RT: 8.916 min Scan# 1160

Delta R.T. -0.006 min

Lab File: BF140971.D

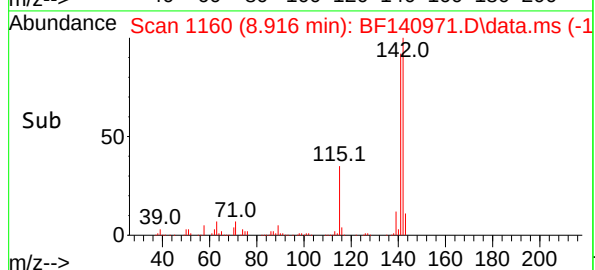
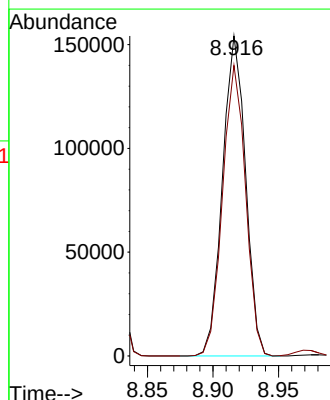
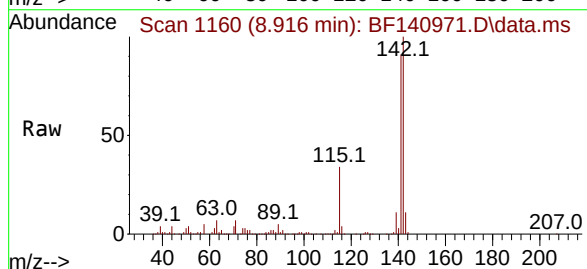
Acq: 26 Dec 2024 16:49

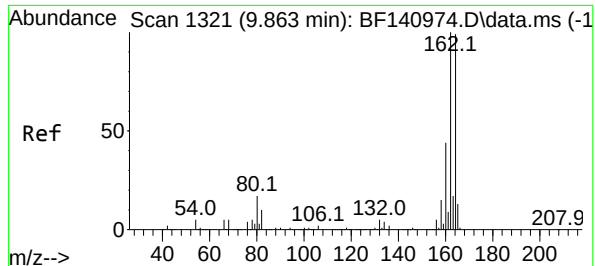
Tgt Ion:142 Resp: 188155

Ion Ratio Lower Upper

142 100

141 90.8 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF140971.D

Acq: 26 Dec 2024 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

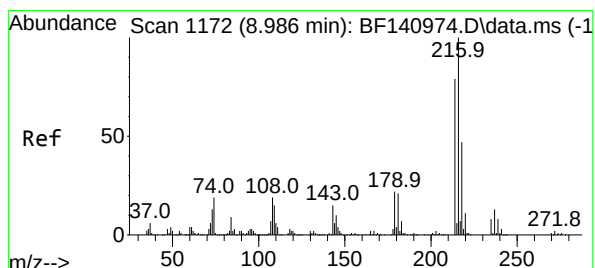
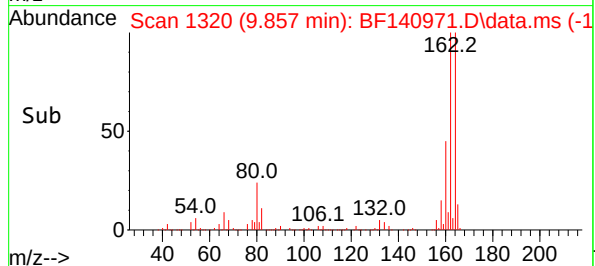
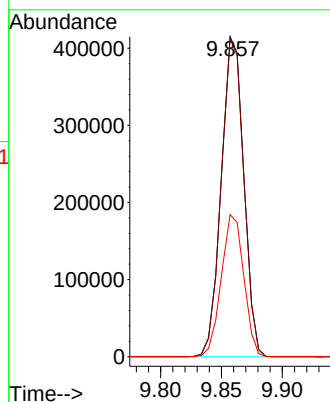
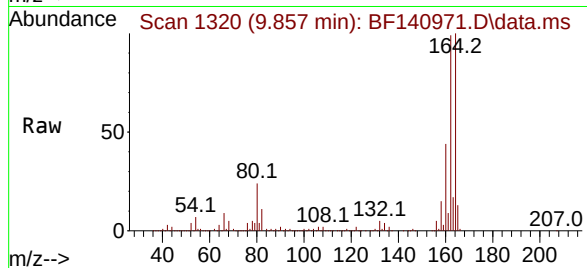
Tgt Ion:164 Resp: 532506

Ion Ratio Lower Upper

164 100

162 99.4 80.6 120.8

160 44.4 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.467 ng

RT: 8.981 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF140971.D

Acq: 26 Dec 2024 16:49

Tgt Ion:216 Resp: 80086

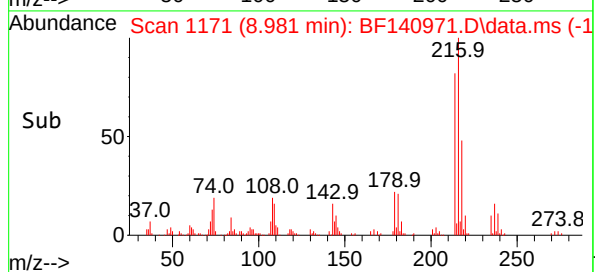
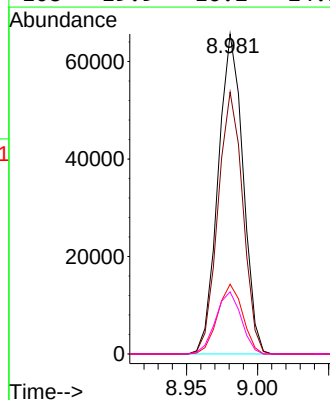
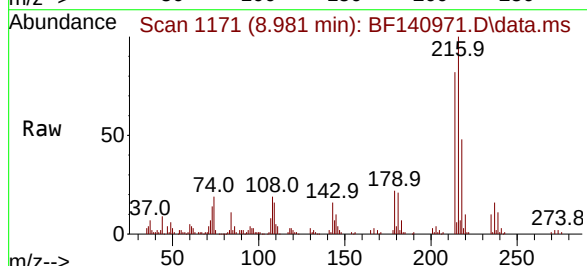
Ion Ratio Lower Upper

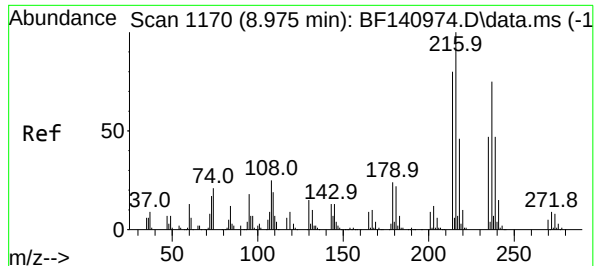
216 100

214 81.5 63.0 94.6

179 21.9 17.9 26.9

108 19.9 16.2 24.2





#41

Hexachlorocyclopentadiene

Concen: 4.531 ng

RT: 8.975 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF140971.D

Acq: 26 Dec 2024 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

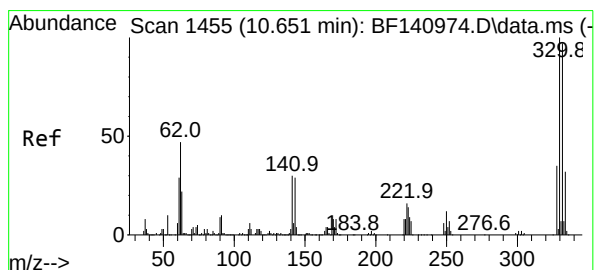
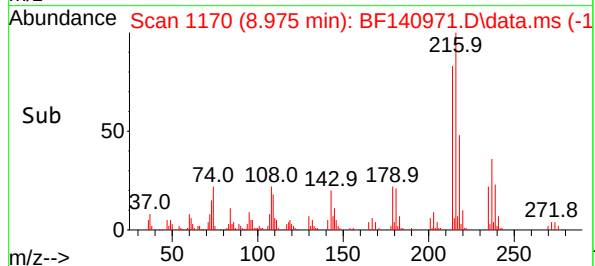
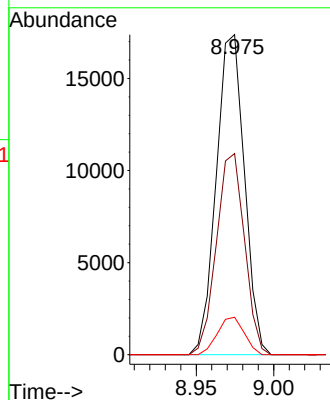
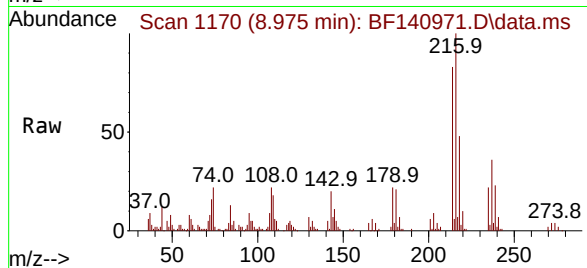
Tgt Ion:237 Resp: 21995

Ion Ratio Lower Upper

237 100

235 62.9 43.4 83.4

272 11.7 0.0 32.6



#42

2,4,6-Tribromophenol

Concen: 9.085 ng

RT: 10.639 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BF140971.D

Acq: 26 Dec 2024 16:49

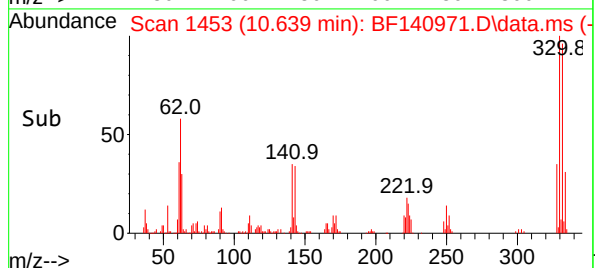
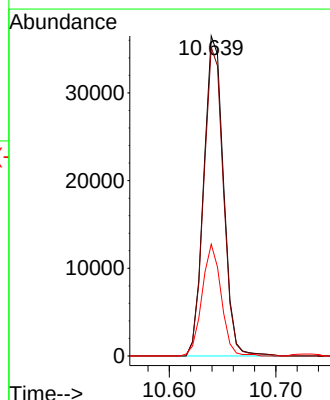
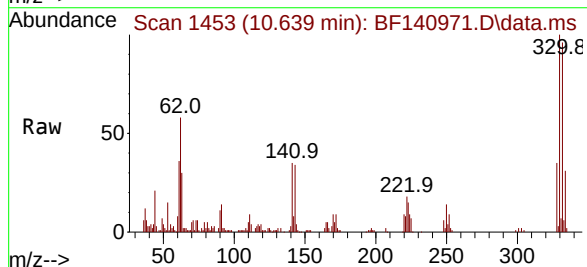
Tgt Ion:330 Resp: 47007

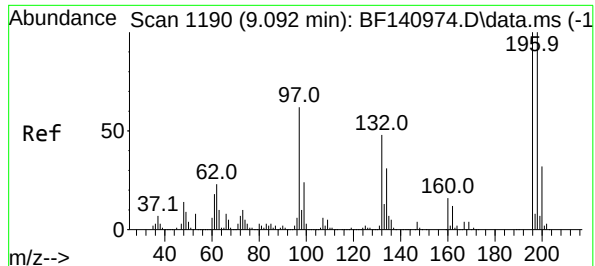
Ion Ratio Lower Upper

330 100

332 96.1 78.0 117.0

141 33.9 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 4.837 ng

RT: 9.086 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF140971.D

Acq: 26 Dec 2024 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

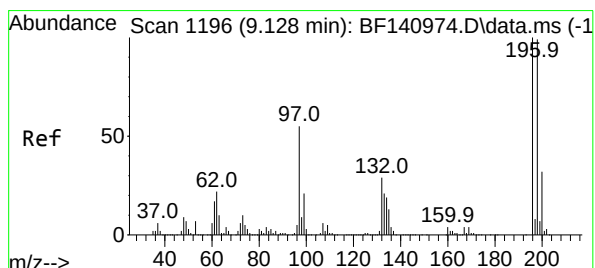
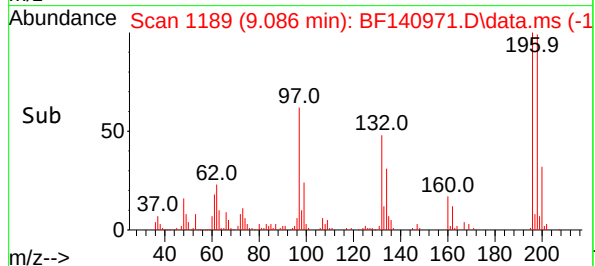
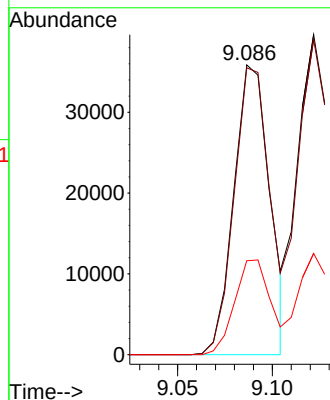
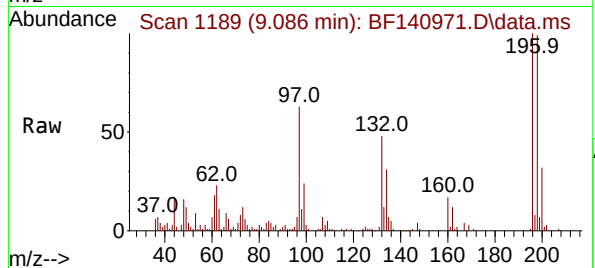
Tgt Ion:196 Resp: 47166

Ion Ratio Lower Upper

196 100

198 99.0 80.2 120.4

200 32.4 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 4.955 ng

RT: 9.122 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF140971.D

Acq: 26 Dec 2024 16:49

Tgt Ion:196 Resp: 49432

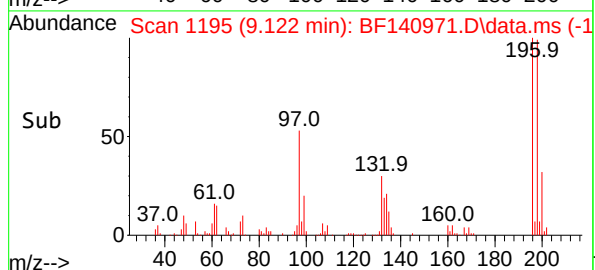
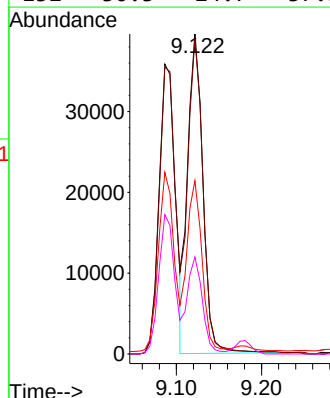
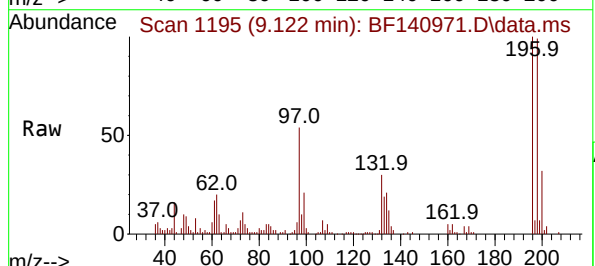
Ion Ratio Lower Upper

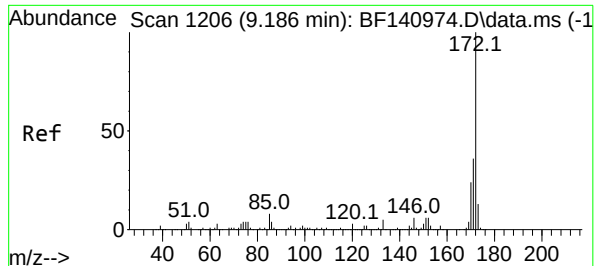
196 100

198 98.5 79.9 119.9

97 54.2 44.3 66.5

132 30.3 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 12.312 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF140971.D

Acq: 26 Dec 2024 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

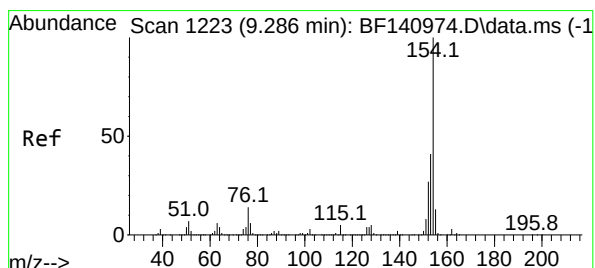
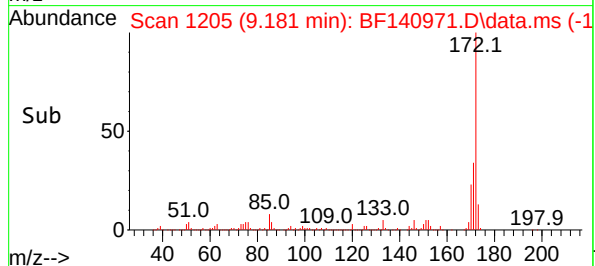
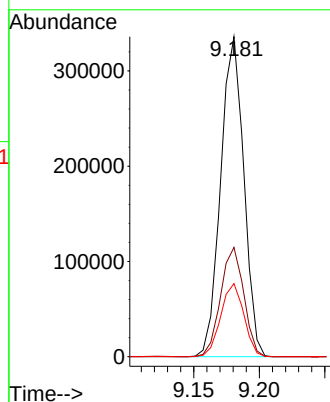
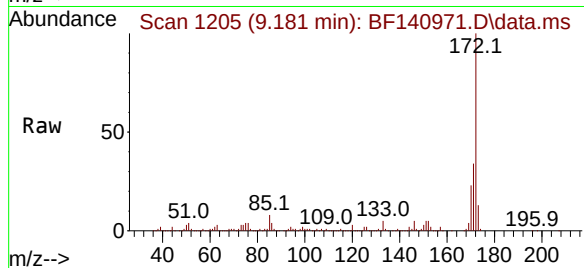
Tgt Ion:172 Resp: 411497

Ion Ratio Lower Upper

172 100

171 34.1 29.0 43.4

170 22.8 19.6 29.4



#46

1,1'-Biphenyl

Concen: 5.797 ng

RT: 9.281 min Scan# 1222

Delta R.T. -0.005 min

Lab File: BF140971.D

Acq: 26 Dec 2024 16:49

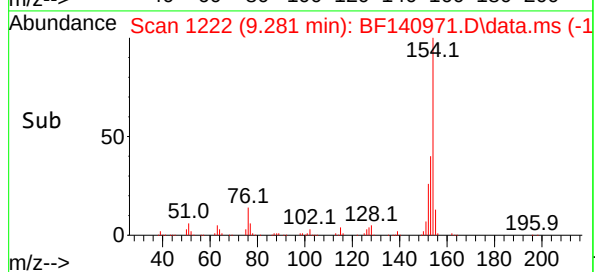
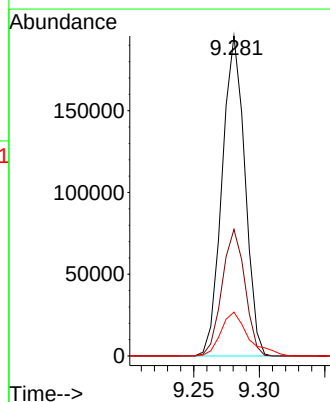
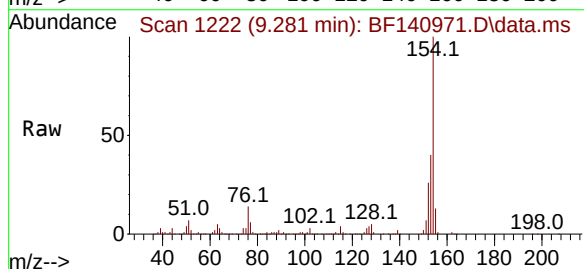
Tgt Ion:154 Resp: 236377

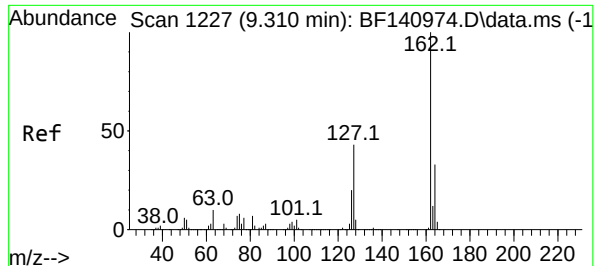
Ion Ratio Lower Upper

154 100

153 39.5 20.9 60.9

76 13.7 0.0 34.0





#47

2-Chloronaphthalene

Concen: 5.732 ng

RT: 9.304 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140971.D

Acq: 26 Dec 2024 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

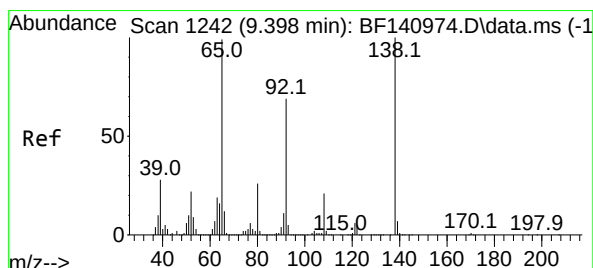
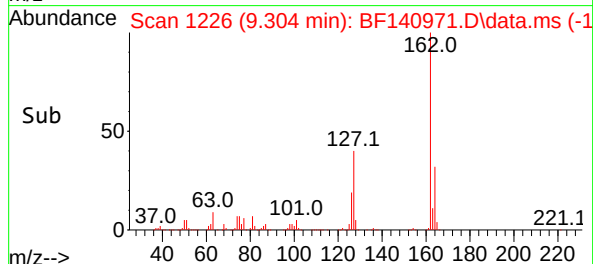
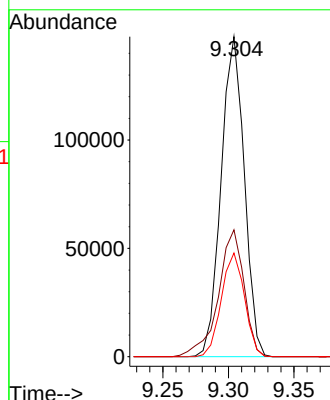
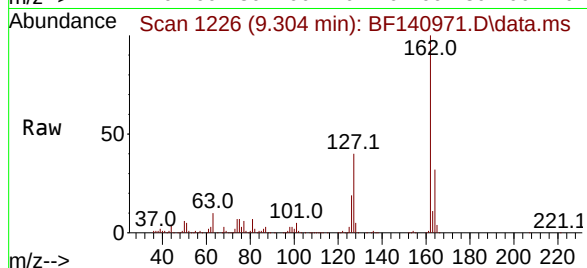
Tgt Ion:162 Resp: 181255

Ion Ratio Lower Upper

162 100

127 39.7 34.2 51.4

164 32.4 26.6 40.0



#48

2-Nitroaniline

Concen: 6.658 ng

RT: 9.392 min Scan# 1241

Delta R.T. -0.006 min

Lab File: BF140971.D

Acq: 26 Dec 2024 16:49

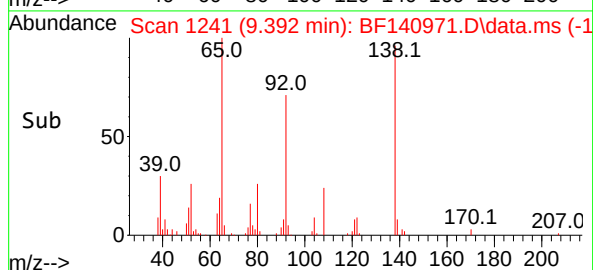
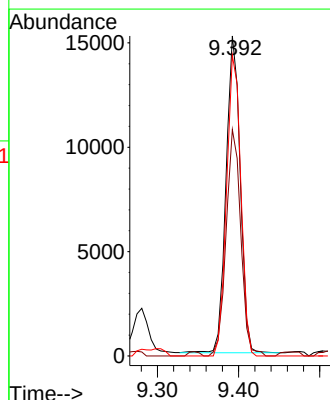
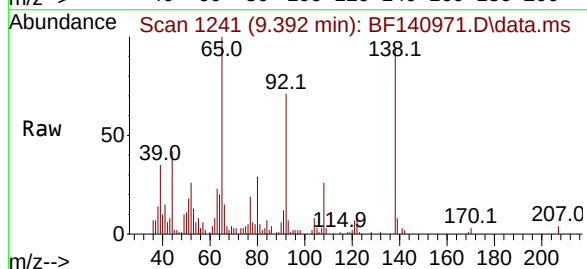
Tgt Ion: 65 Resp: 18450

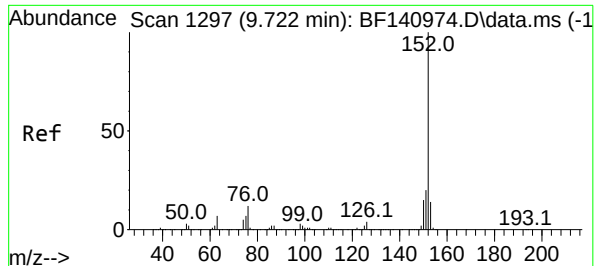
Ion Ratio Lower Upper

65 100

92 70.7 55.6 83.4

138 93.9 80.5 120.7





#49

Acenaphthylene

Concen: 5.656 ng

RT: 9.716 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140971.D

Acq: 26 Dec 2024 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

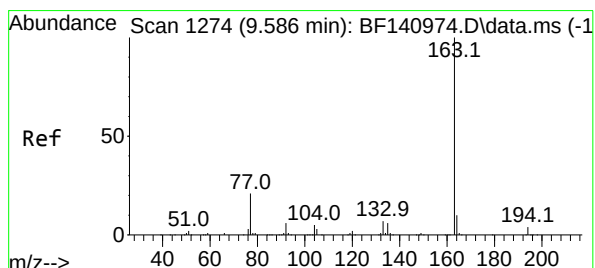
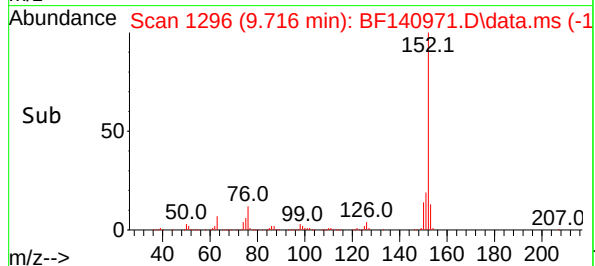
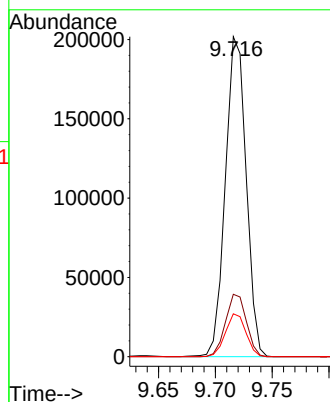
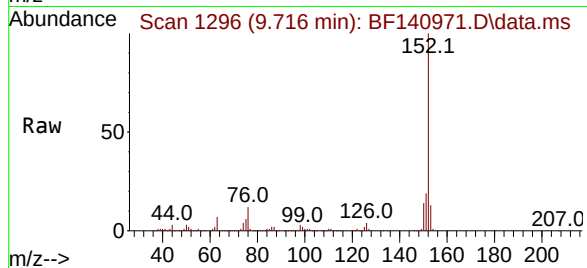
Tgt Ion:152 Resp: 257474

Ion Ratio Lower Upper

152 100

151 19.5 16.2 24.4

153 13.4 11.4 17.0



#50

Dimethylphthalate

Concen: 5.465 ng

RT: 9.575 min Scan# 1272

Delta R.T. -0.011 min

Lab File: BF140971.D

Acq: 26 Dec 2024 16:49

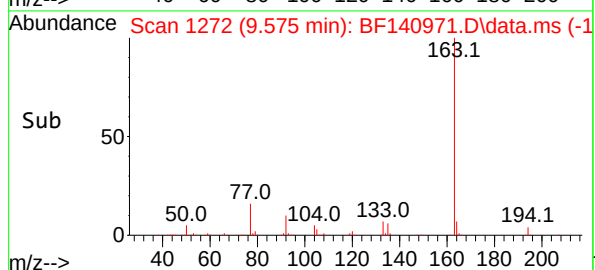
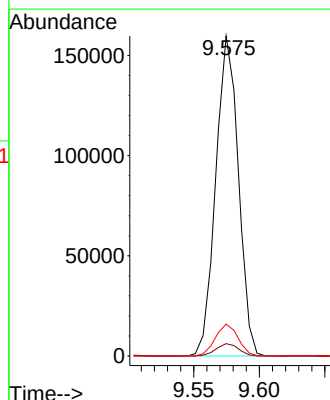
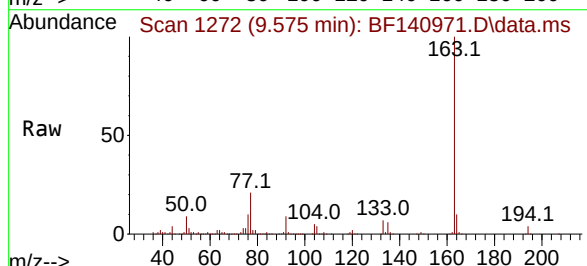
Tgt Ion:163 Resp: 191408

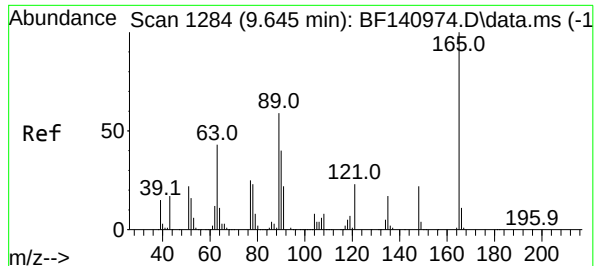
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.0 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 5.865 ng

RT: 9.634 min Scan# 11

Delta R.T. -0.011 min

Lab File: BF140971.D

Acq: 26 Dec 2024 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

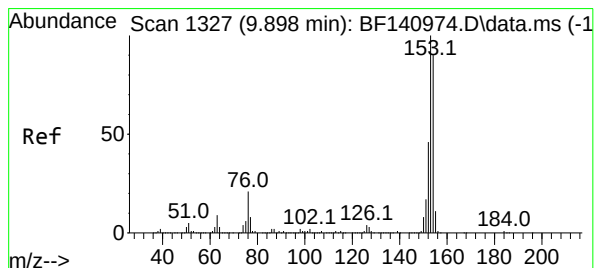
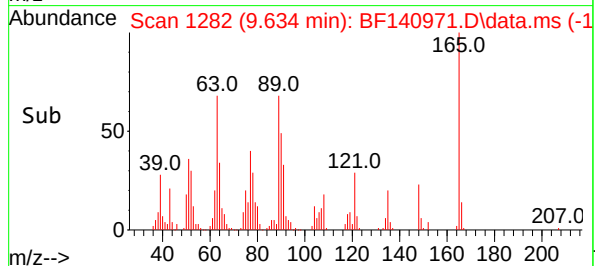
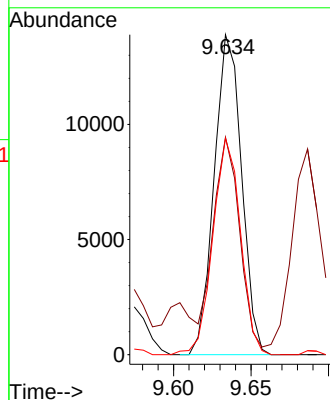
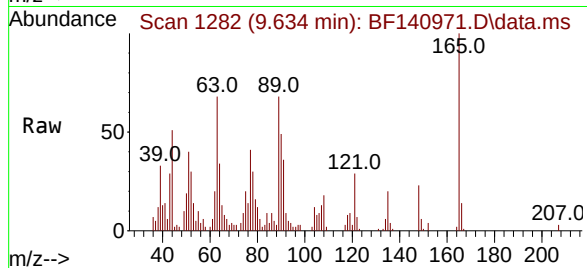
Tgt Ion:165 Resp: 17091

Ion Ratio Lower Upper

165 100

63 67.9 47.1 70.7

89 67.7 47.0 70.4



#52

Acenaphthene

Concen: 5.576 ng

RT: 9.892 min Scan# 1326

Delta R.T. -0.006 min

Lab File: BF140971.D

Acq: 26 Dec 2024 16:49

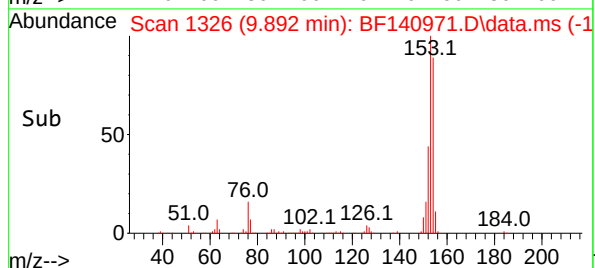
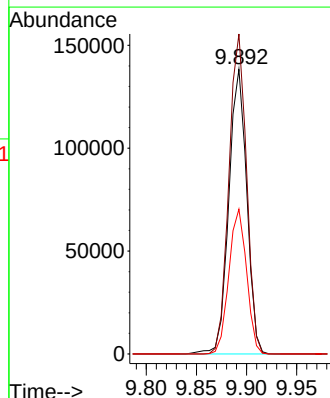
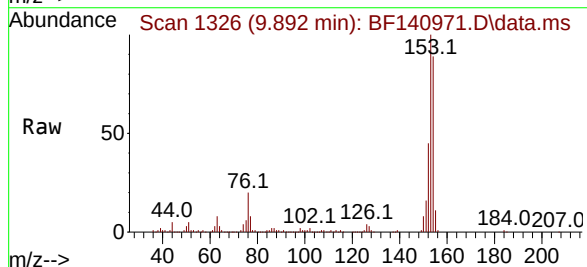
Tgt Ion:154 Resp: 171603

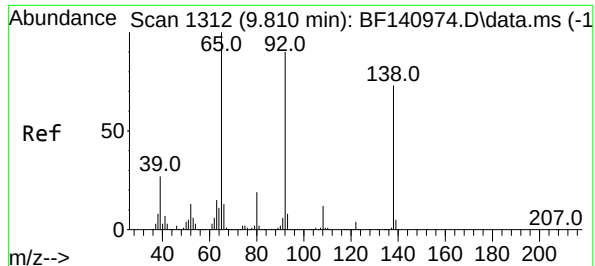
Ion Ratio Lower Upper

154 100

153 112.4 89.2 133.8

152 50.8 40.9 61.3

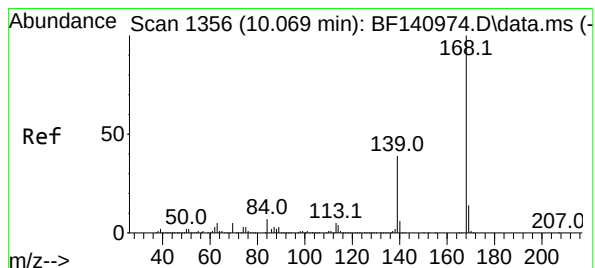
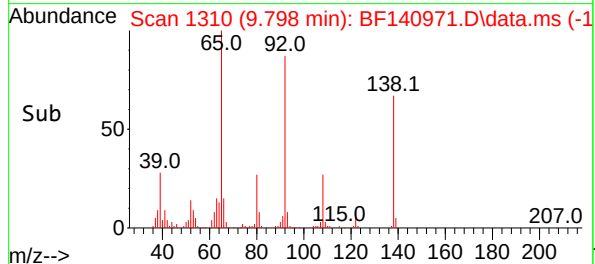
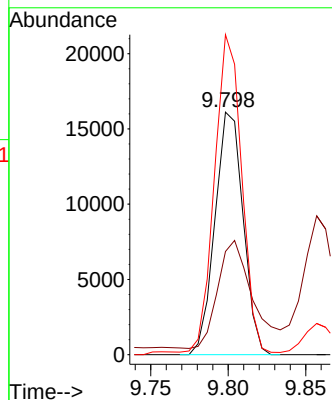
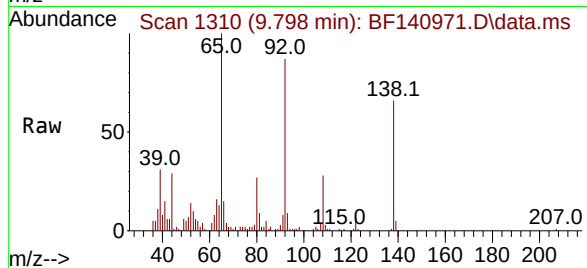




#53
3-Nitroaniline
Concen: 5.713 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

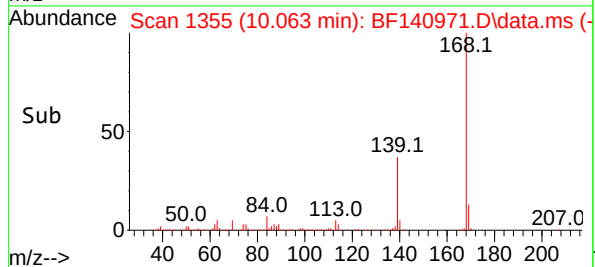
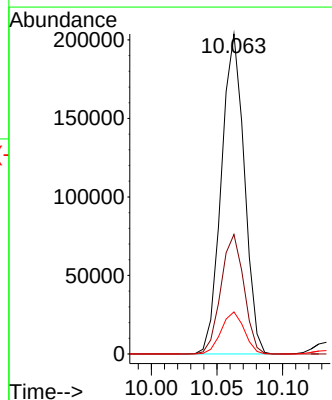
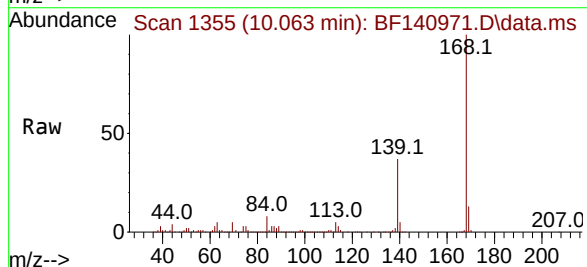
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

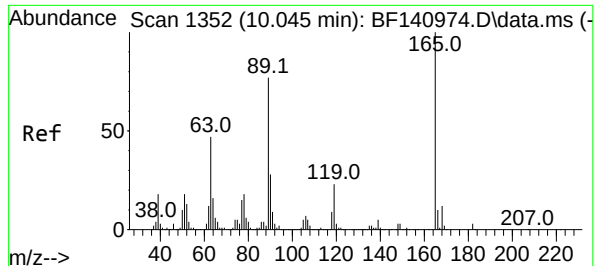
Tgt Ion:138 Resp: 20408
Ion Ratio Lower Upper
138 100
108 42.5 13.5 20.3#
92 131.9 97.7 146.5



#55
Dibenzofuran
Concen: 5.715 ng
RT: 10.063 min Scan# 1355
Delta R.T. -0.006 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

Tgt Ion:168 Resp: 247167
Ion Ratio Lower Upper
168 100
139 37.4 31.6 47.4
169 13.1 11.0 16.6





#57

2,4-Dinitrotoluene

Concen: 6.371 ng

RT: 10.033 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140971.D

Acq: 26 Dec 2024 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:165 Resp: 18052

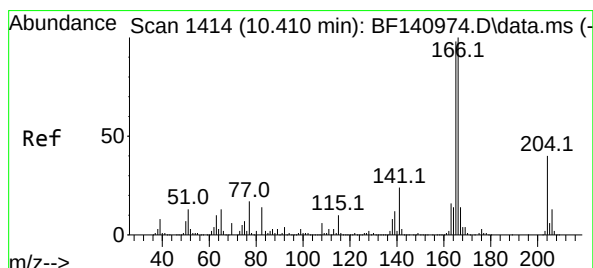
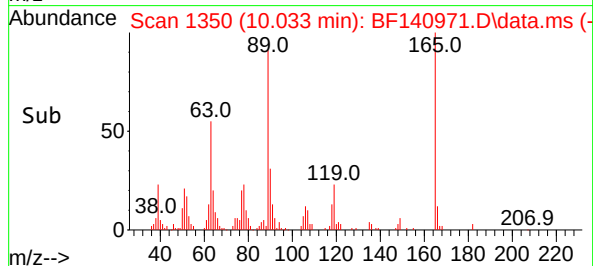
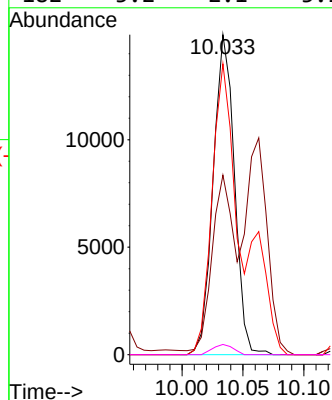
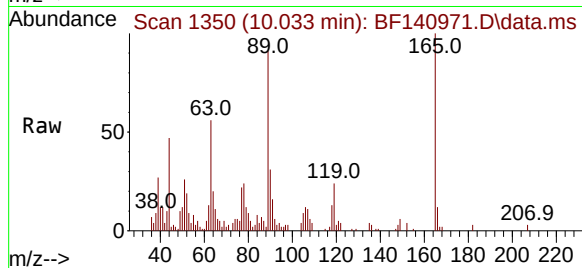
Ion Ratio Lower Upper

165 100

63 56.1 38.1 57.1

89 90.9 61.4 92.2

182 3.2 2.1 3.1#



#58

Fluorene

Concen: 5.943 ng

RT: 10.404 min Scan# 1413

Delta R.T. -0.006 min

Lab File: BF140971.D

Acq: 26 Dec 2024 16:49

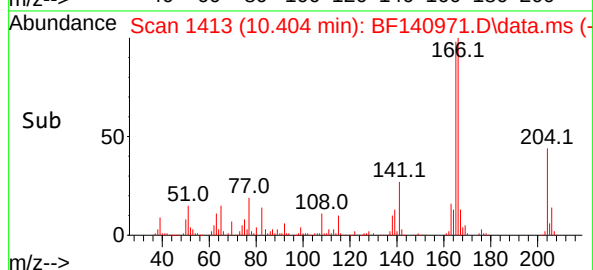
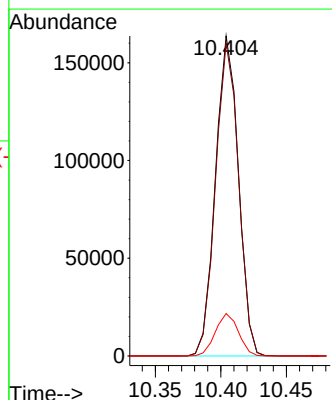
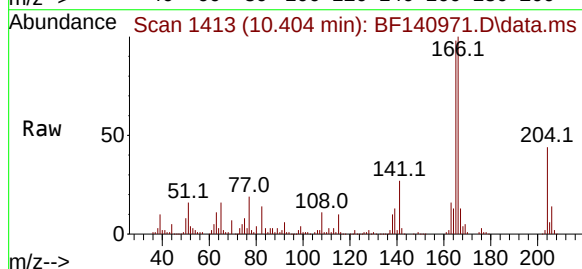
Tgt Ion:166 Resp: 199322

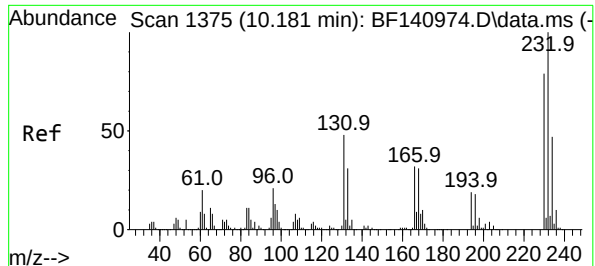
Ion Ratio Lower Upper

166 100

165 97.7 78.3 117.5

167 13.3 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 4.882 ng

RT: 10.175 min Scan# 1375

Delta R.T. -0.006 min

Lab File: BF140971.D

Acq: 26 Dec 2024 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:232 Resp: 40337

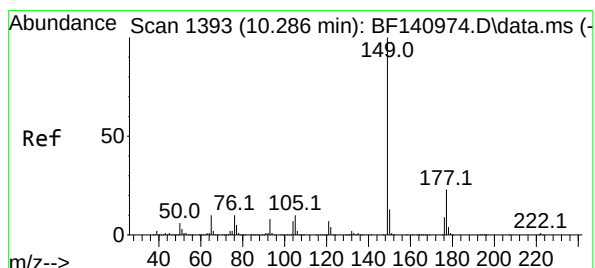
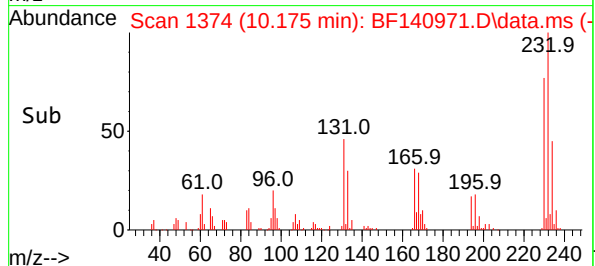
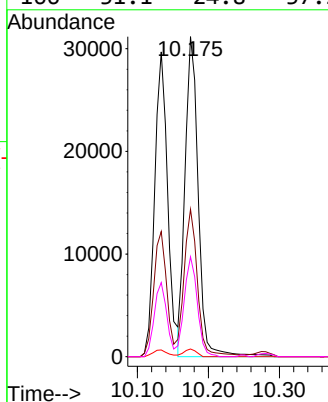
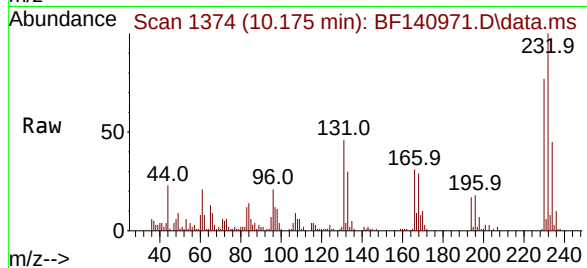
Ion Ratio Lower Upper

232 100

131 47.2 37.4 56.2

130 2.3 1.8 2.8

166 31.1 24.8 37.2



#60

Diethylphthalate

Concen: 5.518 ng

RT: 10.275 min Scan# 1391

Delta R.T. -0.012 min

Lab File: BF140971.D

Acq: 26 Dec 2024 16:49

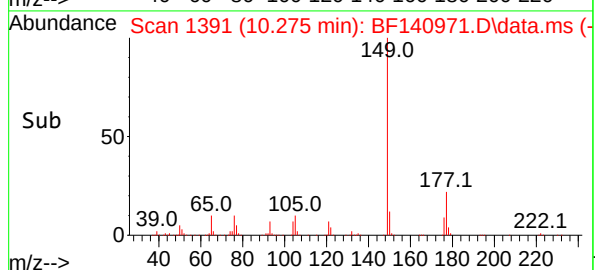
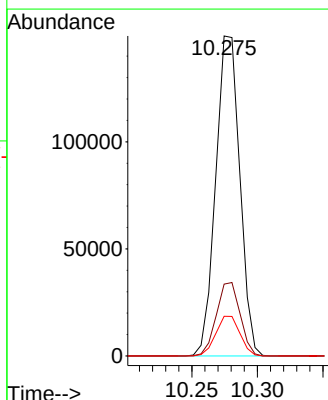
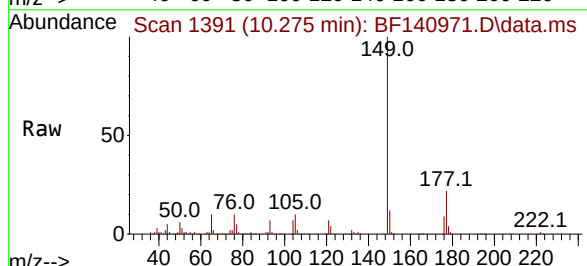
Tgt Ion:149 Resp: 190810

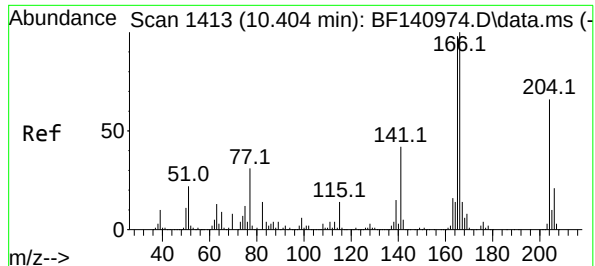
Ion Ratio Lower Upper

149 100

177 22.4 18.3 27.5

150 12.4 10.4 15.6

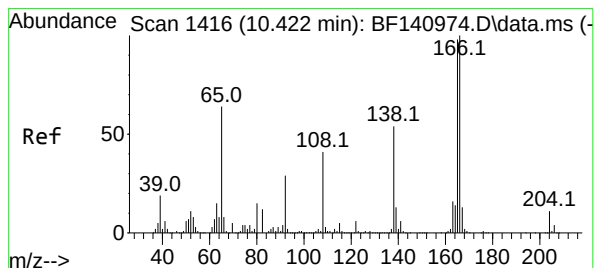
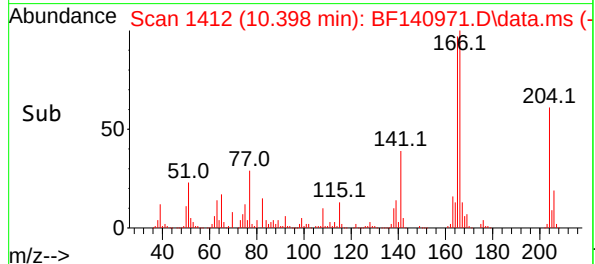
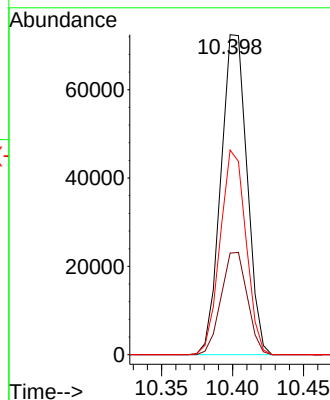
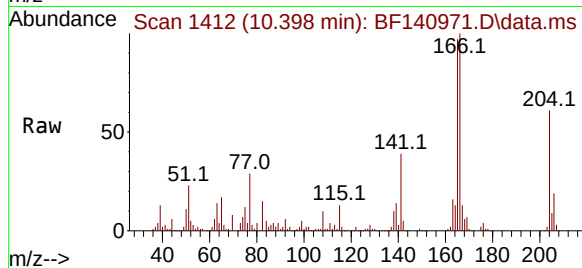




#61
4-Chlorophenyl-phenylether
Concen: 5.773 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

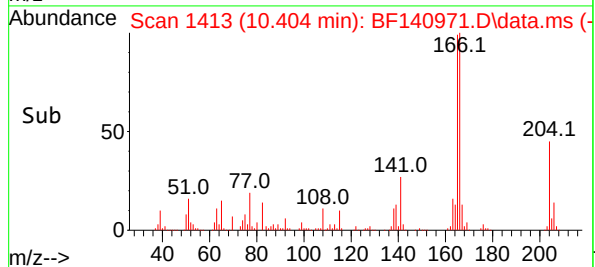
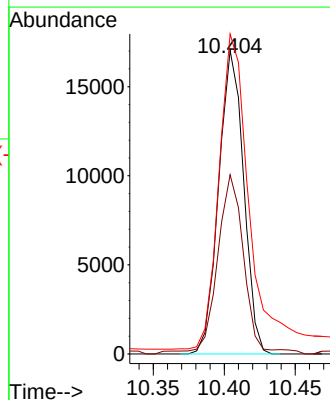
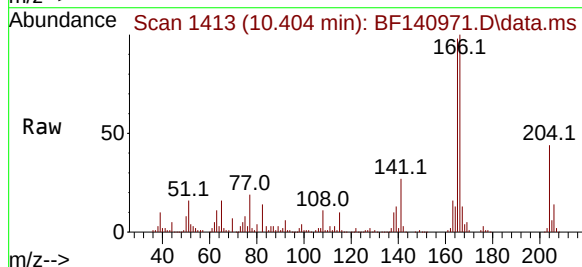
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

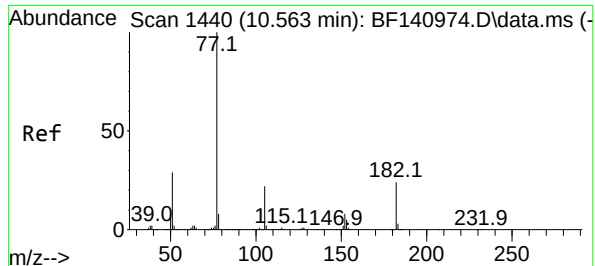
Tgt Ion:204 Resp: 93161
Ion Ratio Lower Upper
204 100
206 31.8 25.8 38.6
141 64.0 51.2 76.8



#62
4-Nitroaniline
Concen: 5.839 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.018 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

Tgt Ion:138 Resp: 20793
Ion Ratio Lower Upper
138 100
92 59.1 34.8 74.8
108 105.4 55.9 95.9#

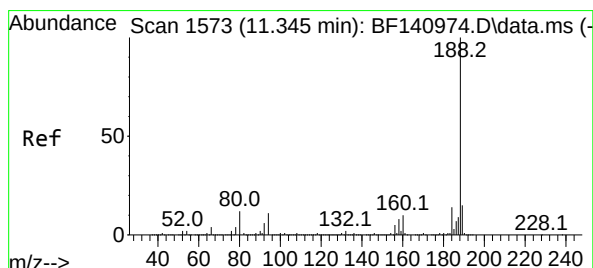
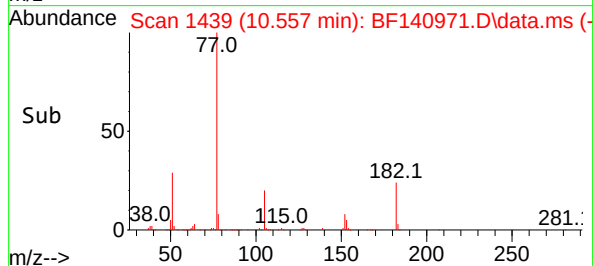
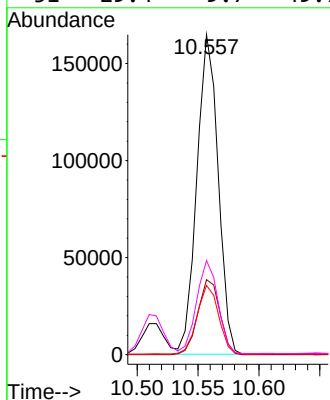
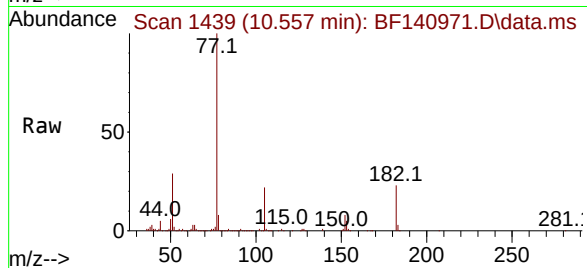




#63
Azobenzene
Concen: 5.508 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

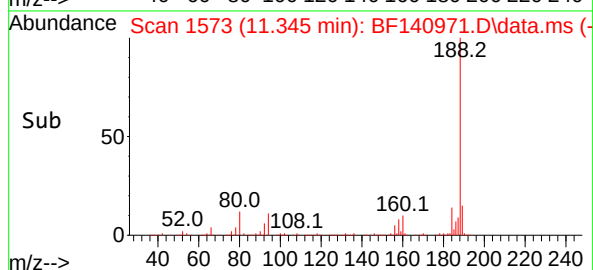
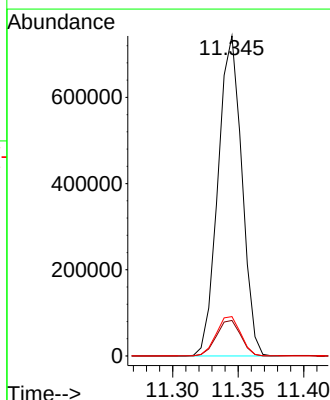
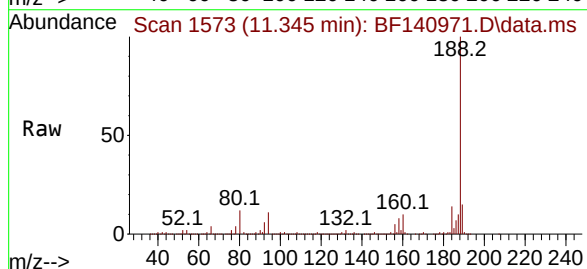
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

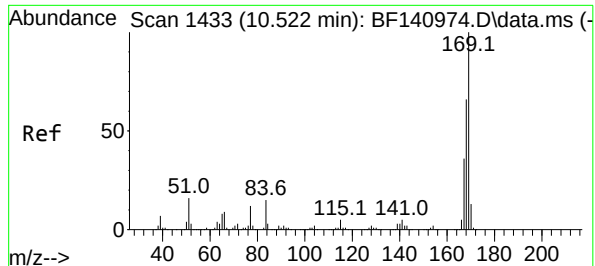
Tgt Ion: 77	Resp: 199905
Ion Ratio	Lower Upper
77 100	
182 23.5	4.1 44.1
105 21.7	1.8 41.8
51 29.4	9.7 49.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

Tgt Ion:188	Resp: 938555
Ion Ratio	Lower Upper
188 100	
94 11.1	9.0 13.6
80 12.3	9.8 14.6

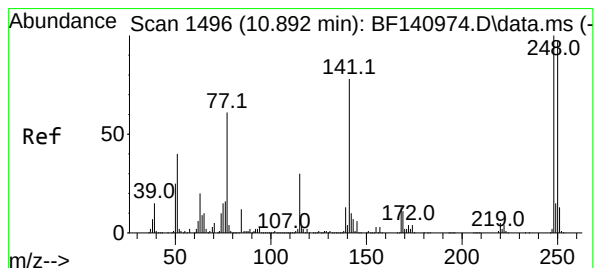
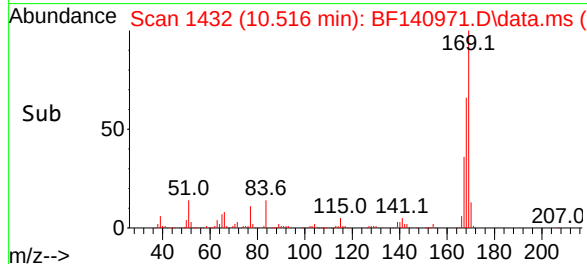
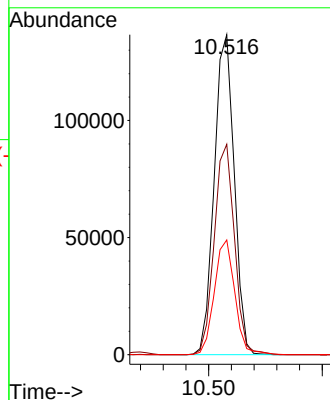
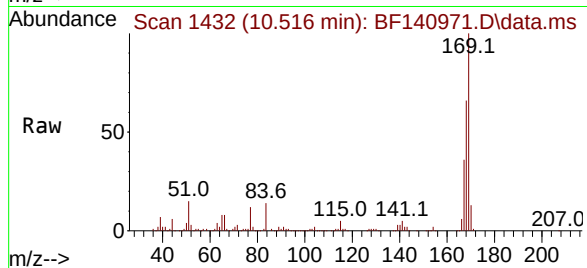




#66
n-Nitrosodiphenylamine
Concen: 5.654 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

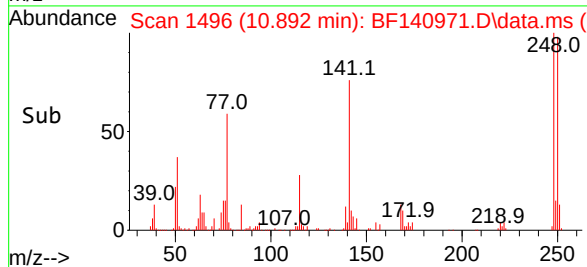
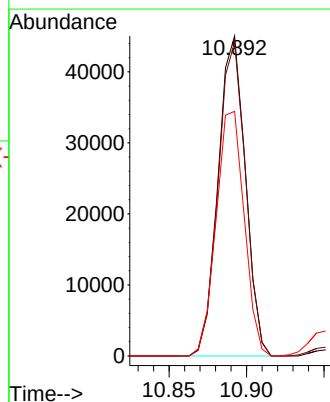
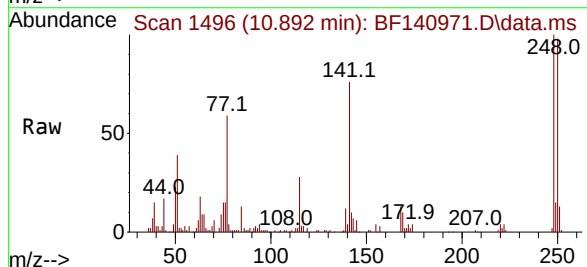
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

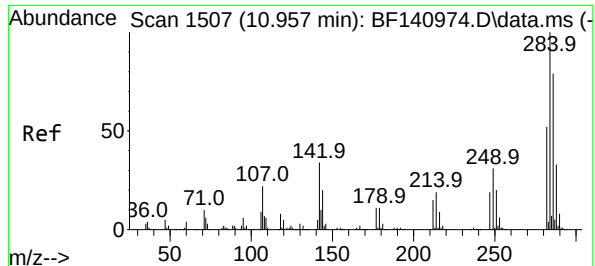
Tgt Ion:169 Resp: 167108
Ion Ratio Lower Upper
169 100
168 65.8 52.6 79.0
167 35.8 29.0 43.4



#67
4-Bromophenyl-phenylether
Concen: 5.442 ng
RT: 10.892 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

Tgt Ion:248 Resp: 55213
Ion Ratio Lower Upper
248 100
250 98.2 77.7 116.5
141 76.4 62.1 93.1

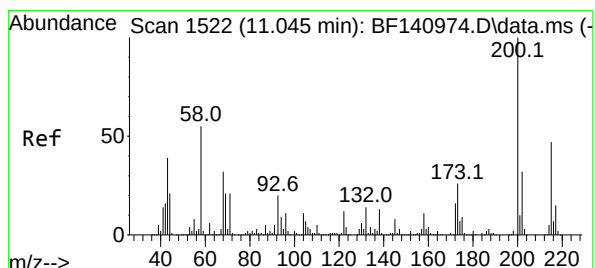
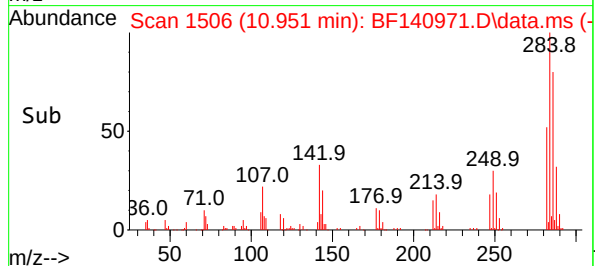
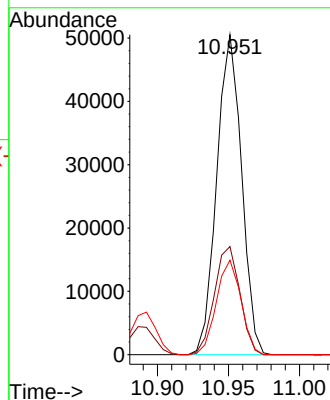
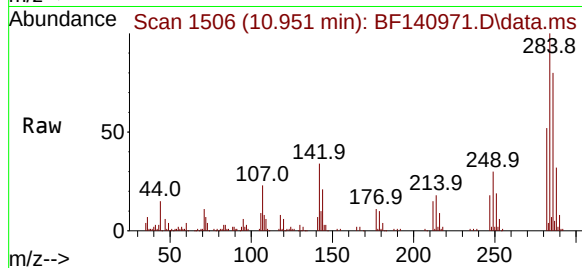




#68
Hexachlorobenzene
Concen: 5.483 ng
RT: 10.951 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

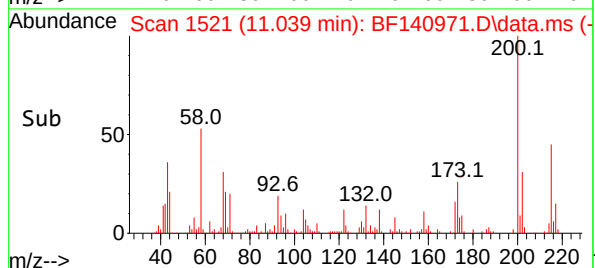
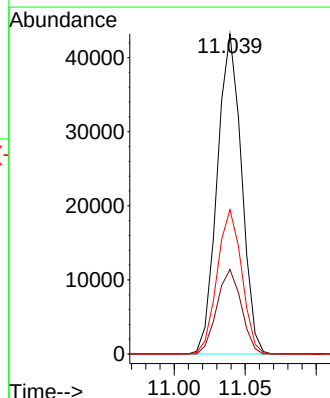
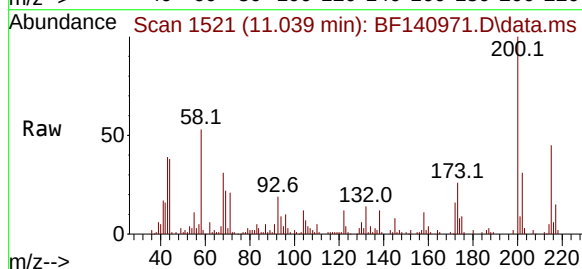
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

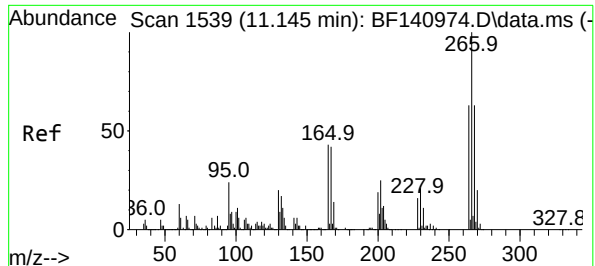
Tgt Ion:284 Resp: 61339
Ion Ratio Lower Upper
284 100
142 33.8 27.1 40.7
249 29.6 25.1 37.7



#69
Atrazine
Concen: 6.209 ng
RT: 11.039 min Scan# 1521
Delta R.T. -0.006 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

Tgt Ion:200 Resp: 51263
Ion Ratio Lower Upper
200 100
173 26.4 6.4 46.4
215 45.1 27.2 67.2

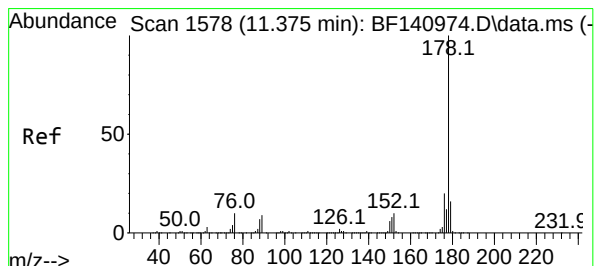
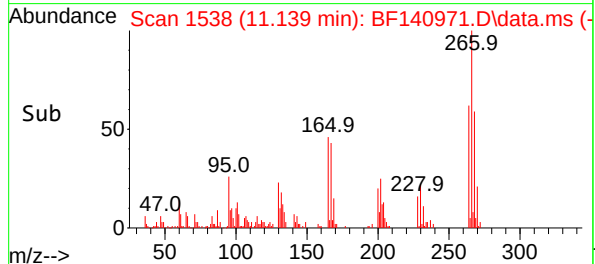
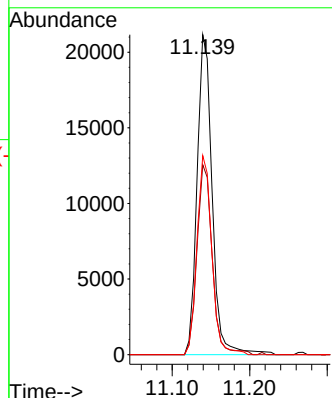
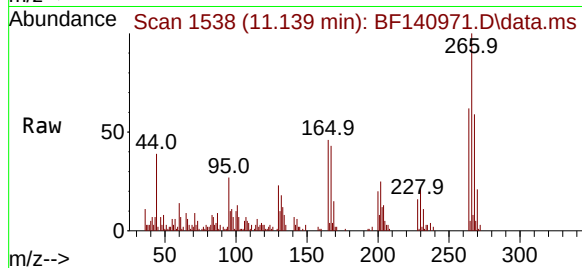




#70
Pentachlorophenol
Concen: 4.096 ng
RT: 11.139 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

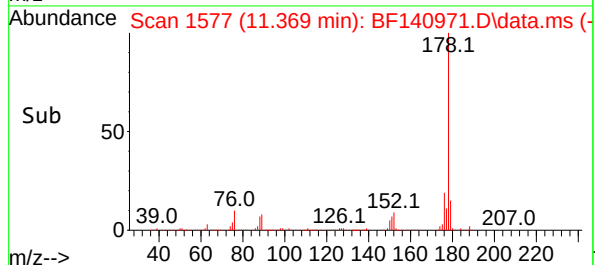
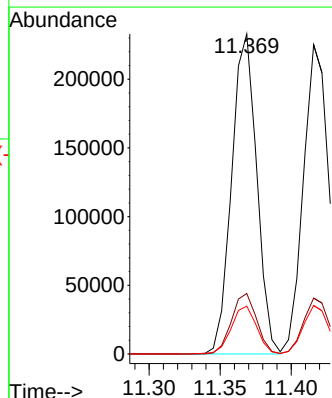
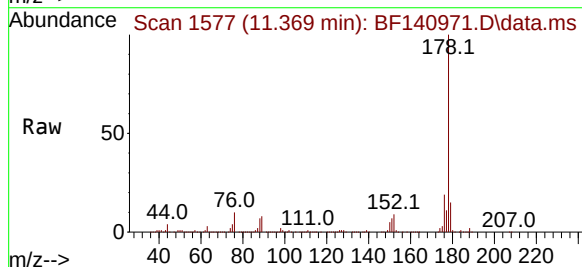
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

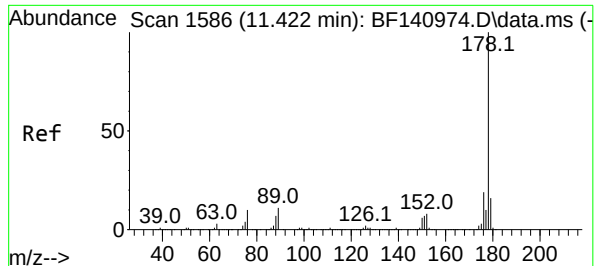
Tgt Ion	Ratio	Lower	Upper
266	100		
268	59.3	50.5	75.7
264	62.2	50.2	75.4



#71
Phenanthrene
Concen: 5.799 ng
RT: 11.369 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.6
179	15.0	12.6	19.0

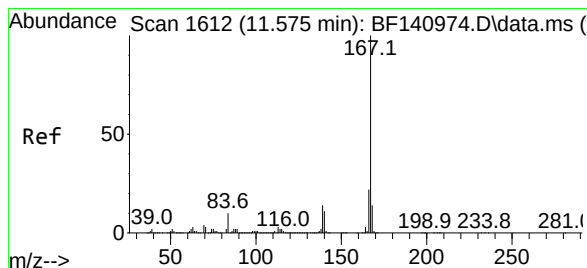
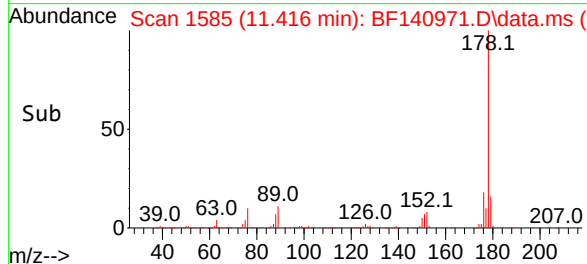
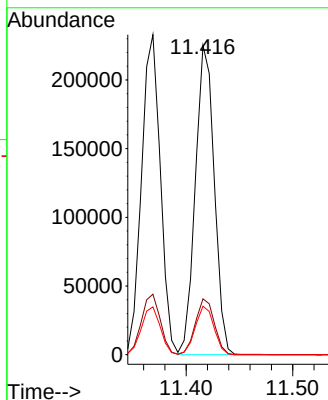
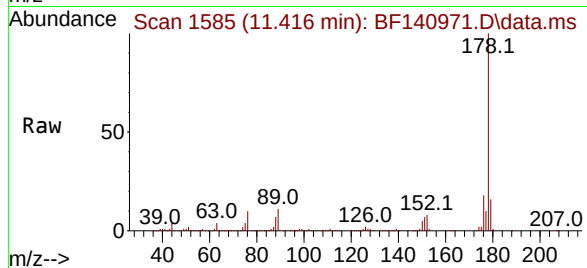




#72
Anthracene
Concen: 5.756 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

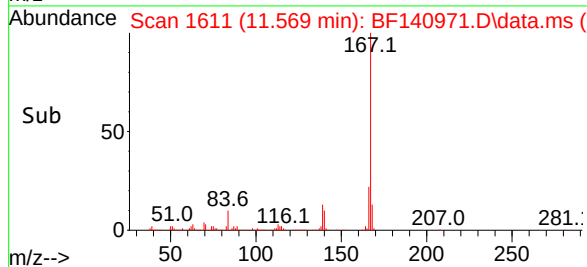
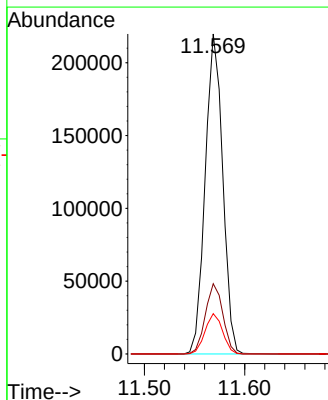
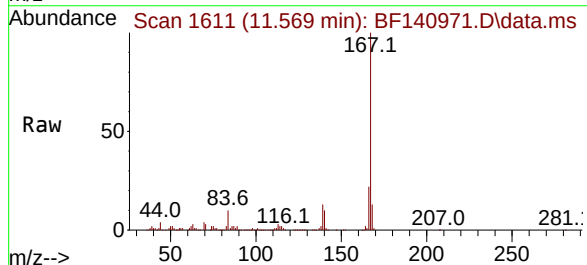
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

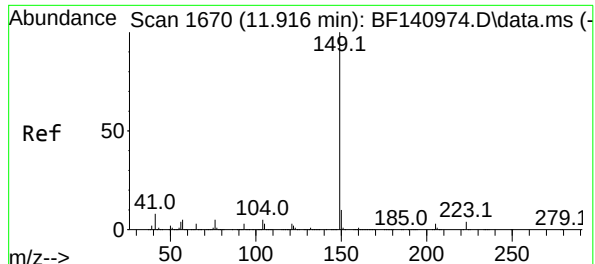
Tgt Ion:178 Resp: 278610
Ion Ratio Lower Upper
178 100
176 18.1 15.3 22.9
179 15.7 12.9 19.3



#73
Carbazole
Concen: 5.740 ng
RT: 11.569 min Scan# 1611
Delta R.T. -0.006 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

Tgt Ion:167 Resp: 267065
Ion Ratio Lower Upper
167 100
166 22.0 17.5 26.3
139 12.6 11.0 16.4

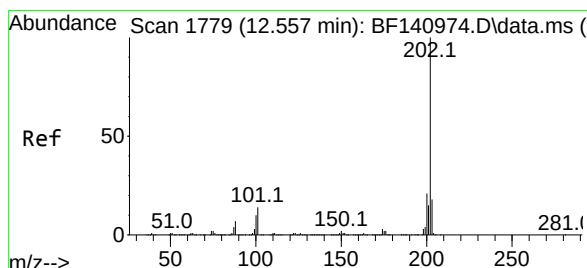
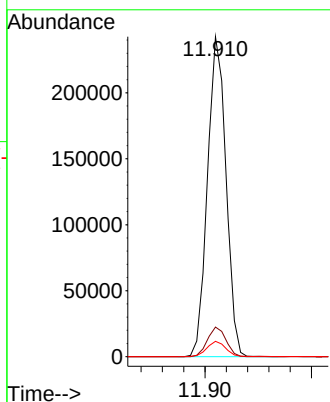
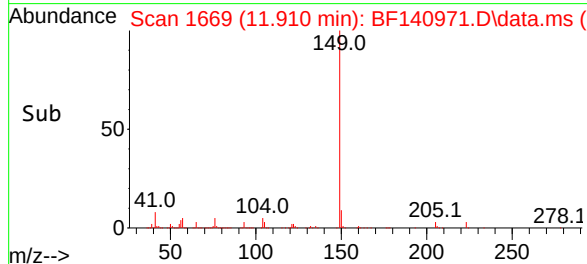
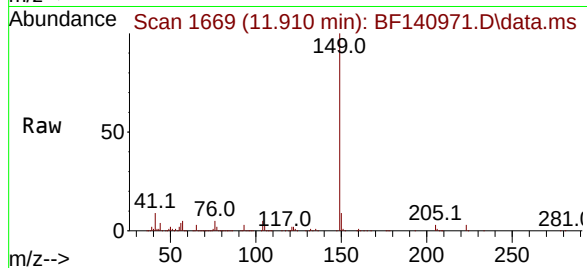




#74
Di-n-butylphthalate
Concen: 5.532 ng
RT: 11.910 min Scan# 1669
Delta R.T. -0.006 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

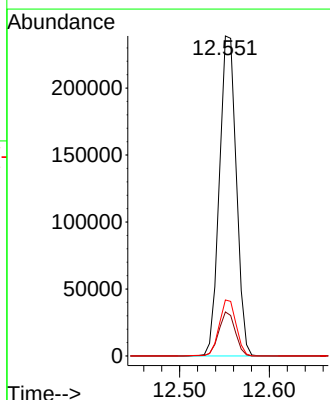
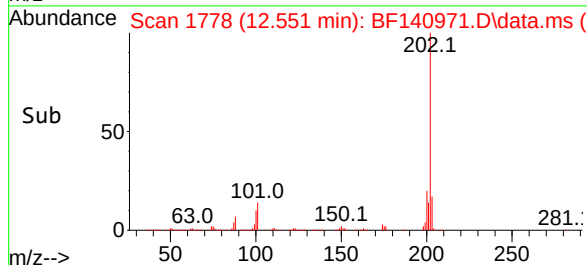
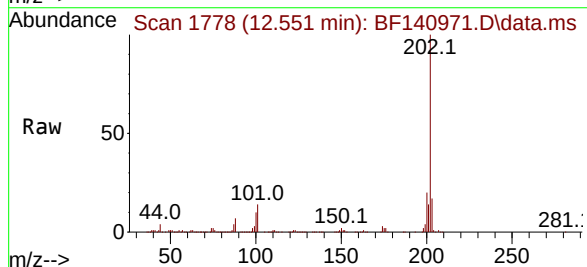
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

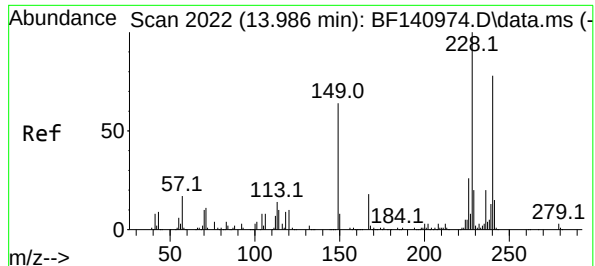
Tgt Ion:149 Resp: 292755
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 4.8 4.1 6.1



#75
Fluoranthene
Concen: 5.836 ng
RT: 12.551 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

Tgt Ion:202 Resp: 312668
Ion Ratio Lower Upper
202 100
101 13.8 0.0 33.7
203 17.5 0.0 38.1

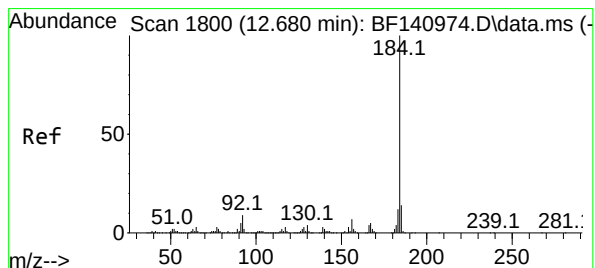
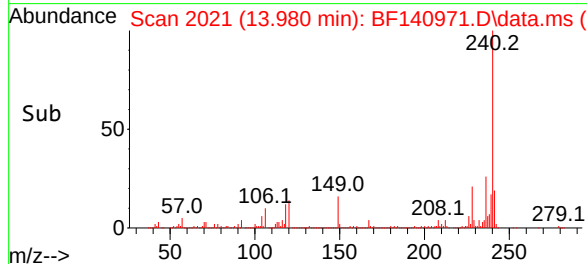
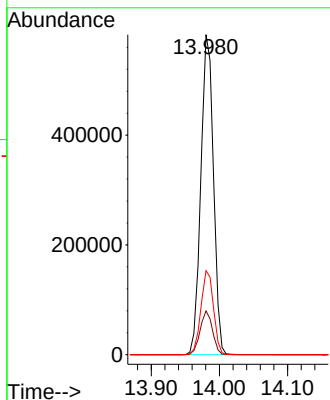
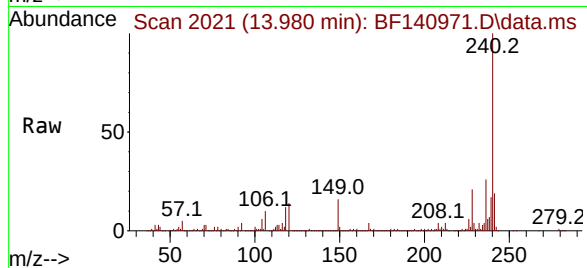




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

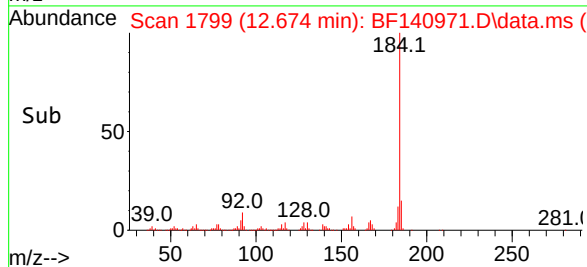
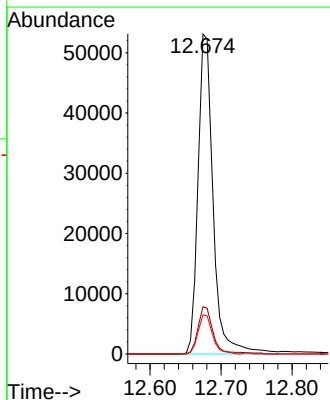
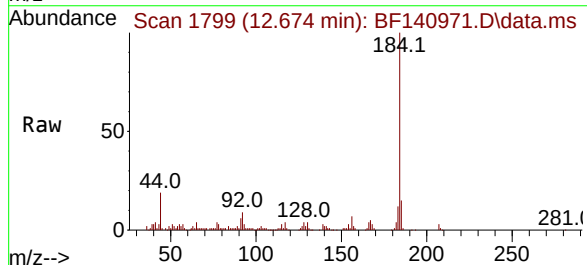
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

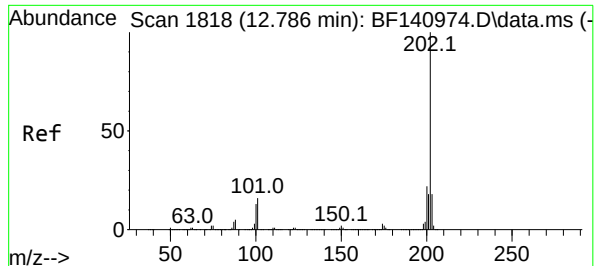
Tgt Ion:240 Resp: 749775
Ion Ratio Lower Upper
240 100
120 13.7 10.7 16.1
236 26.3 20.6 31.0



#77
Benzidine
Concen: 4.990 ng
RT: 12.674 min Scan# 1799
Delta R.T. -0.006 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

Tgt Ion:184 Resp: 79065
Ion Ratio Lower Upper
184 100
185 14.8 11.4 17.2
183 12.3 9.4 14.0

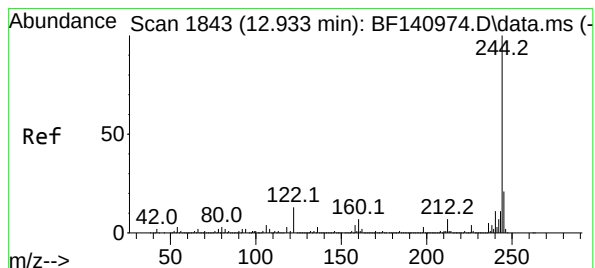
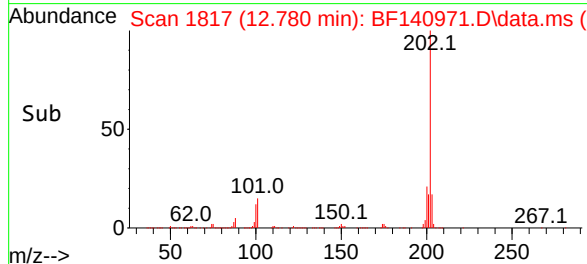
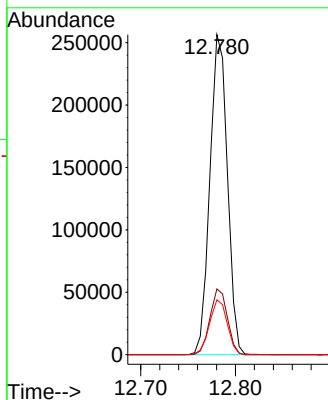
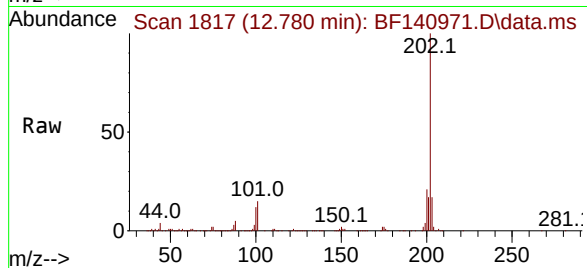




#78
Pyrene
Concen: 5.014 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

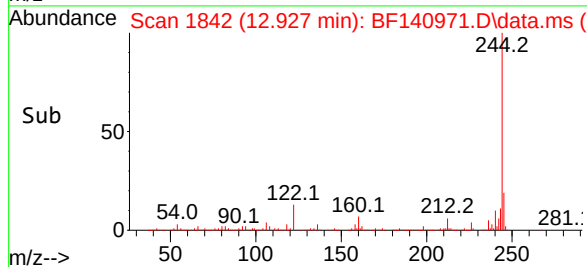
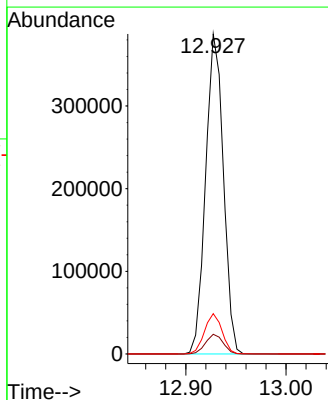
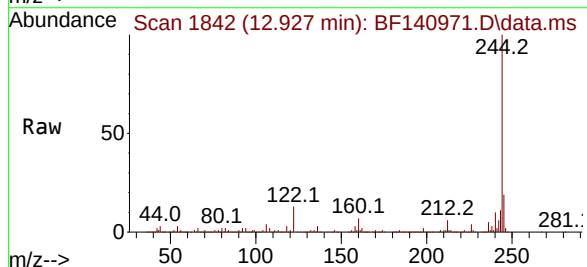
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

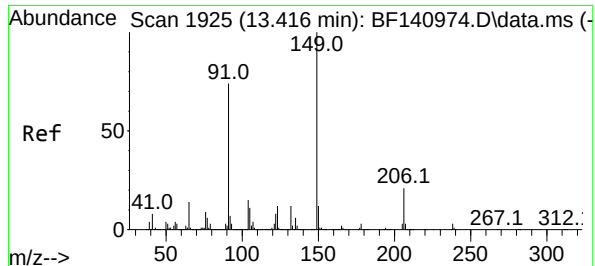
Tgt Ion:202 Resp: 328787
Ion Ratio Lower Upper
202 100
200 20.6 17.3 25.9
203 17.2 14.6 21.8



#79
Terphenyl-d14
Concen: 10.588 ng
RT: 12.927 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

Tgt Ion:244 Resp: 477948
Ion Ratio Lower Upper
244 100
212 6.1 5.7 8.5
122 12.6 10.2 15.2

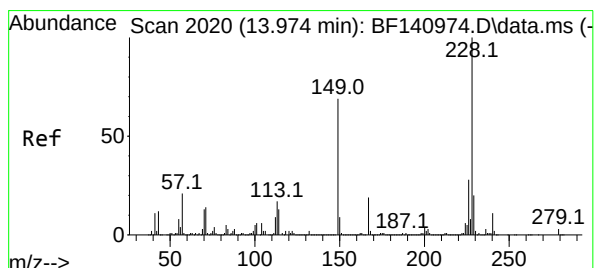
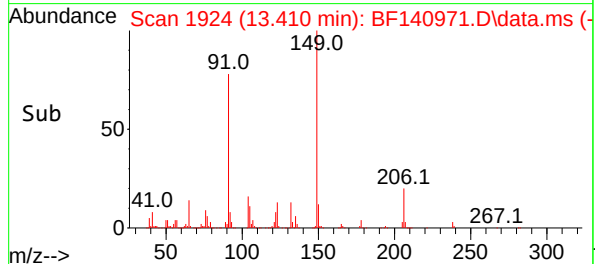
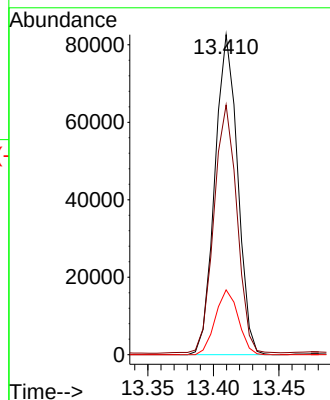
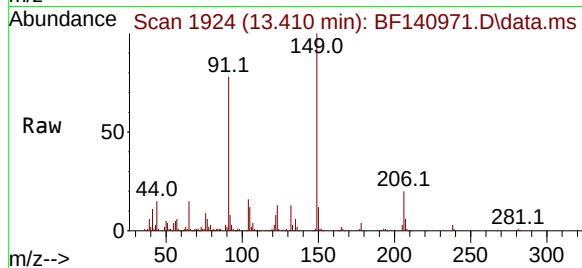




#80
Butylbenzylphthalate
Concen: 4.162 ng
RT: 13.410 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

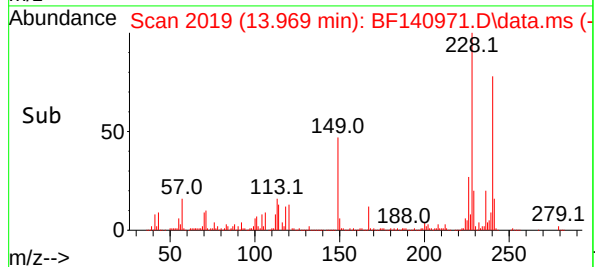
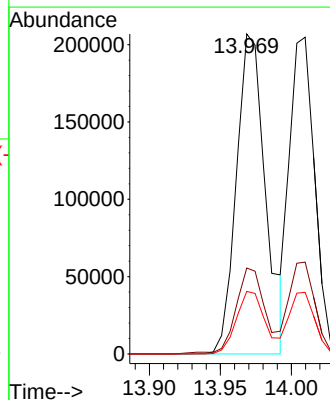
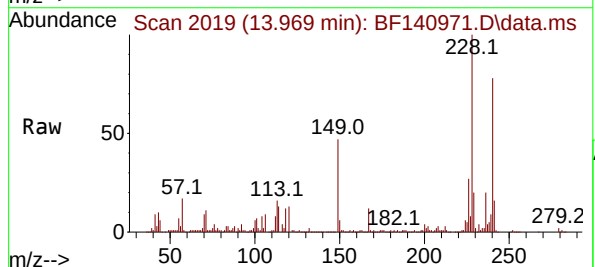
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

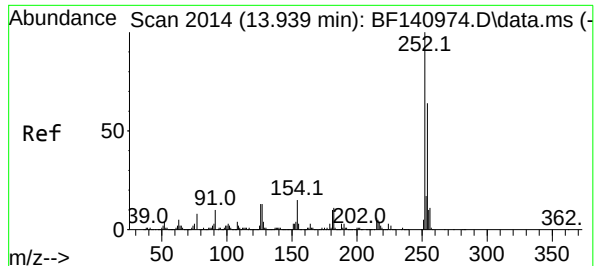
Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.1	59.5	89.3
206	20.3	17.1	25.7



#81
Benzo(a)anthracene
Concen: 5.641 ng
RT: 13.969 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.1	33.1
229	19.5	16.2	24.2





#82

3,3'-Dichlorobenzidine

Concen: 5.658 ng

RT: 13.933 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF140971.D

Acq: 26 Dec 2024 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

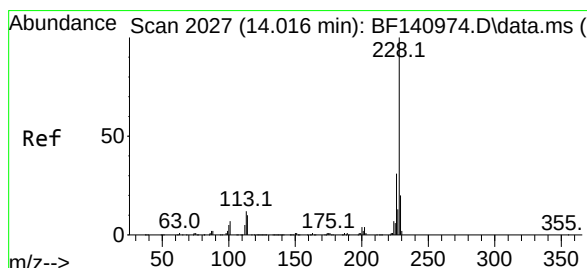
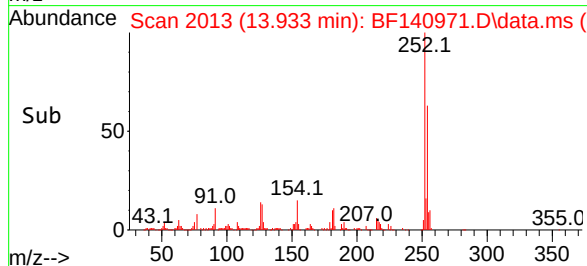
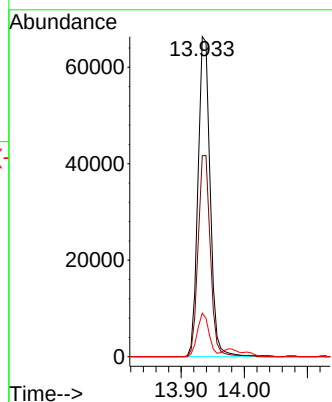
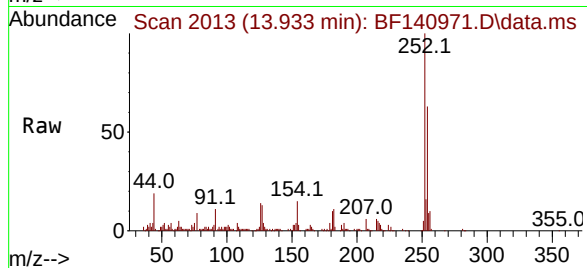
Tgt Ion:252 Resp: 88822

Ion Ratio Lower Upper

252 100

254 62.8 51.5 77.3

126 13.6 10.3 15.5



#83

Chrysene

Concen: 5.335 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF140971.D

Acq: 26 Dec 2024 16:49

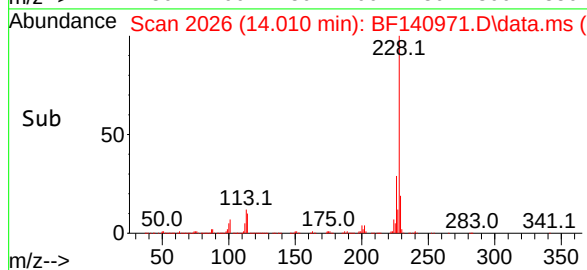
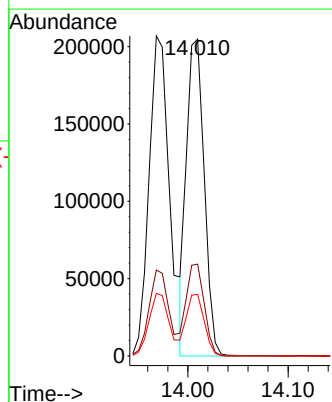
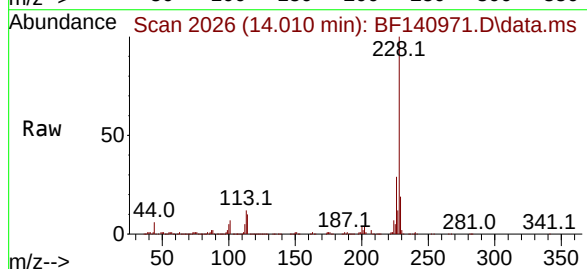
Tgt Ion:228 Resp: 251288

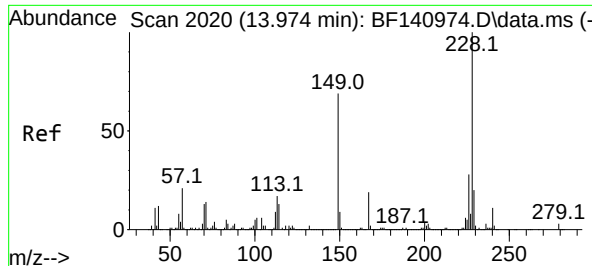
Ion Ratio Lower Upper

228 100

226 29.0 24.5 36.7

229 19.4 16.2 24.4

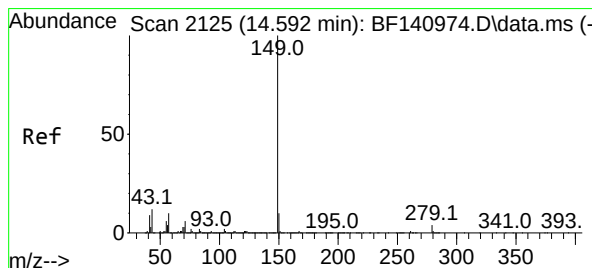
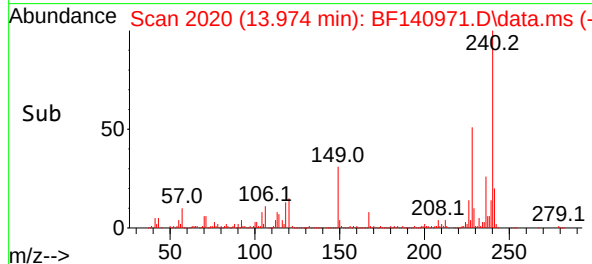
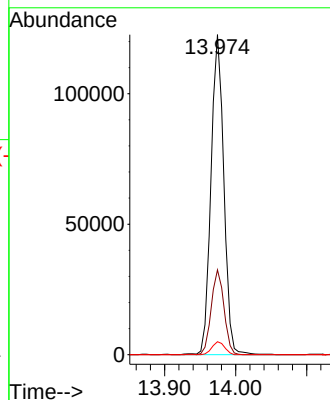
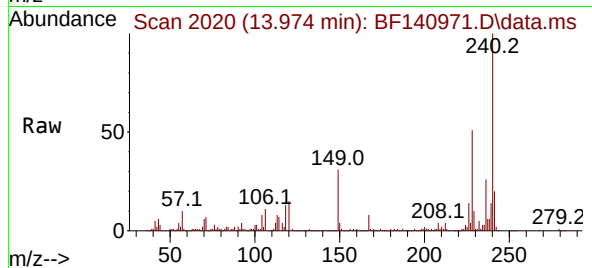




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.960 ng
RT: 13.974 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

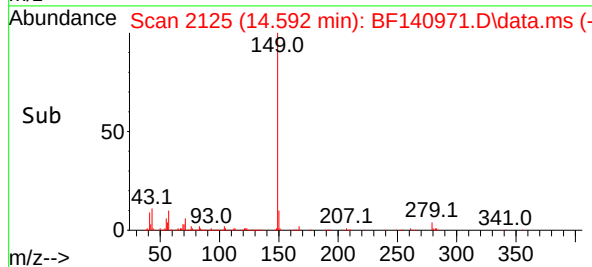
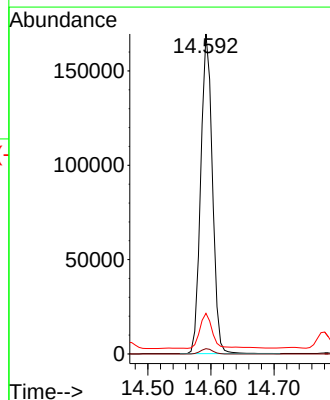
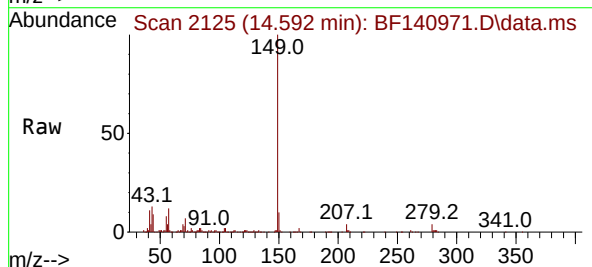
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

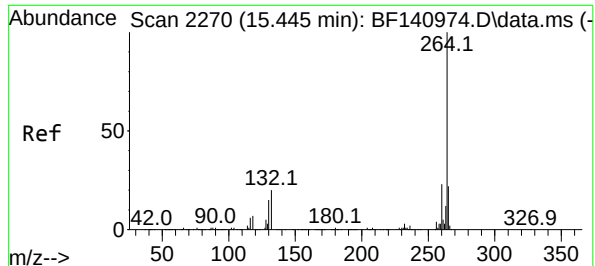
Tgt Ion:149 Resp: 154045
Ion Ratio Lower Upper
149 100
167 26.5 21.6 32.4
279 4.1 3.2 4.8



#85
Di-n-octyl phthalate
Concen: 4.825 ng
RT: 14.592 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

Tgt Ion:149 Resp: 216905
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 12.2 9.3 13.9

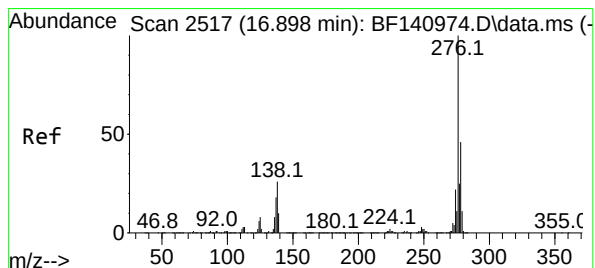
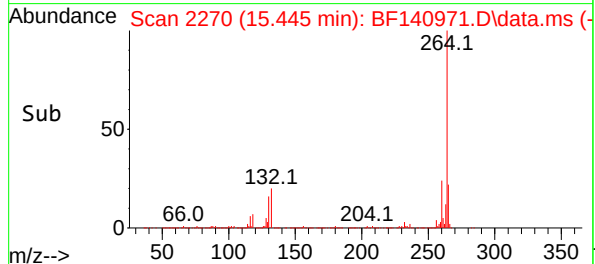
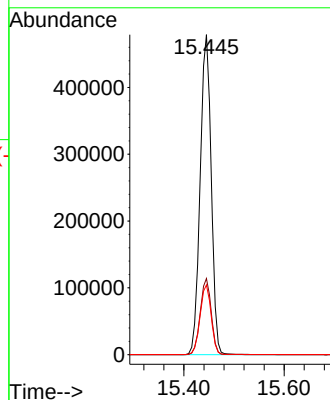
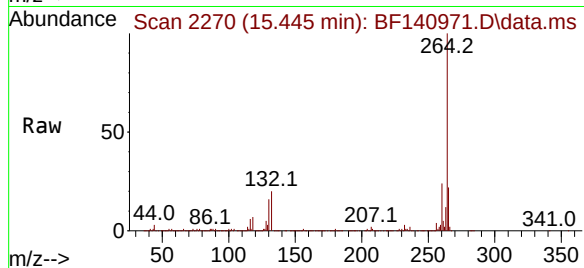




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

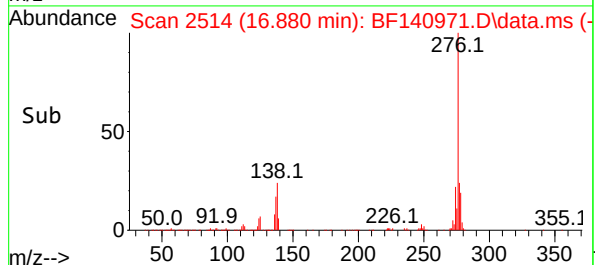
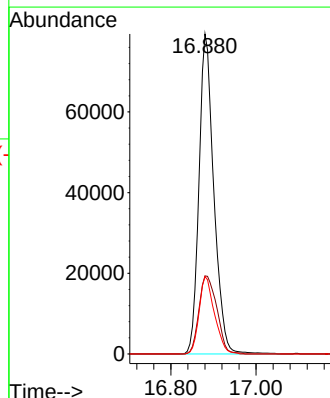
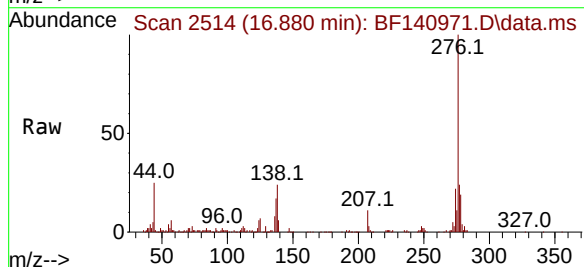
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

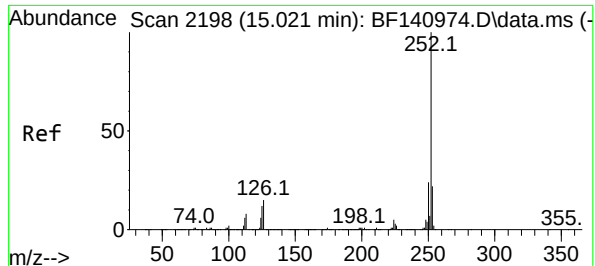
Tgt Ion:264 Resp: 730672
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 21.8 17.4 26.2



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.166 ng
RT: 16.880 min Scan# 2514
Delta R.T. -0.018 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

Tgt Ion:276 Resp: 191761
Ion Ratio Lower Upper
276 100
138 29.3 23.1 34.7
277 25.0 20.4 30.6

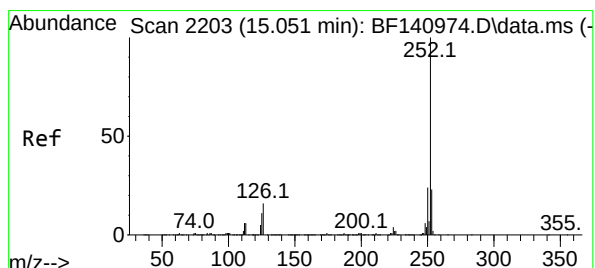
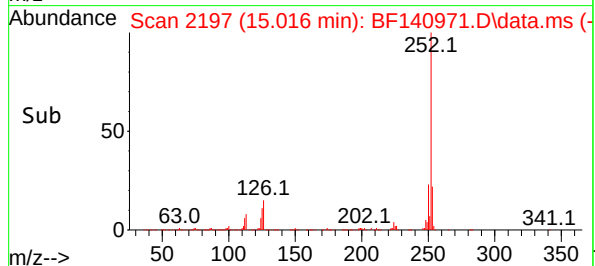
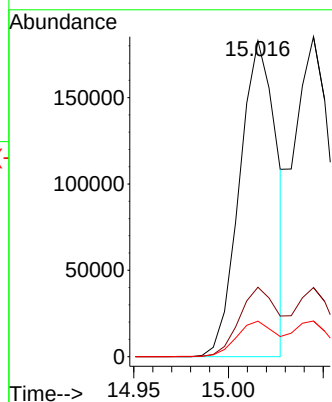
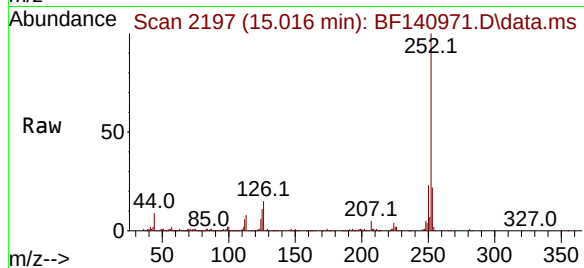




#88
Benzo(b)fluoranthene
Concen: 4.876 ng
RT: 15.016 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

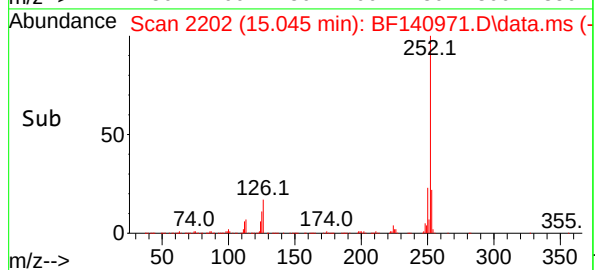
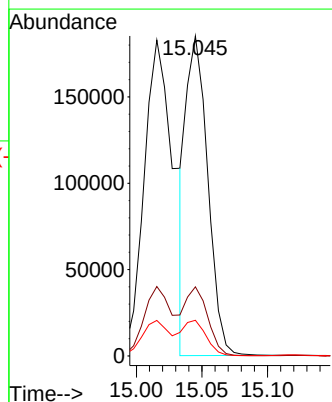
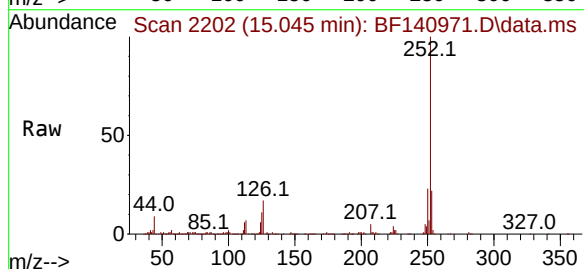
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

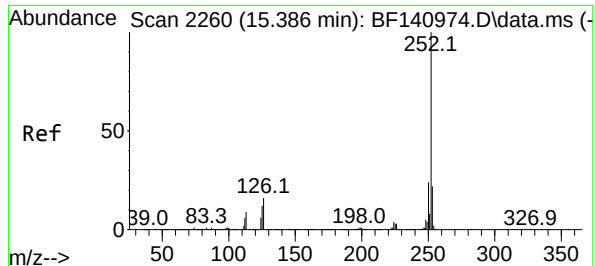
Tgt Ion:252 Resp: 248464
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 11.3 9.3 13.9



#89
Benzo(k)fluoranthene
Concen: 5.330 ng
RT: 15.045 min Scan# 2202
Delta R.T. -0.006 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

Tgt Ion:252 Resp: 212890
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.8
125 11.1 9.4 14.0





#90

Benzo(a)pyrene

Concen: 5.294 ng

RT: 15.374 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF140971.D

Acq: 26 Dec 2024 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

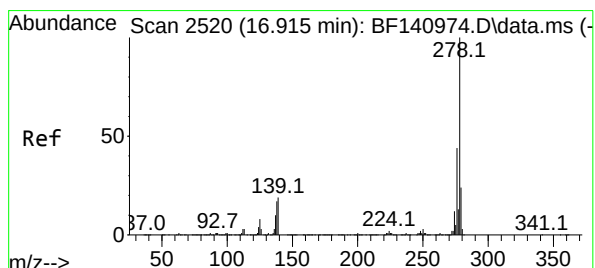
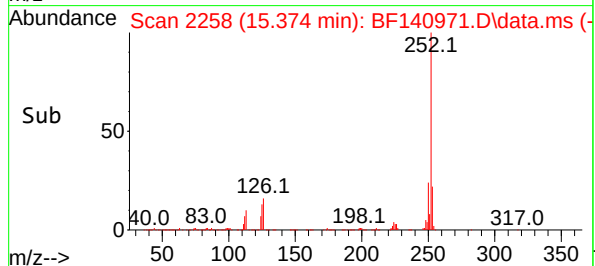
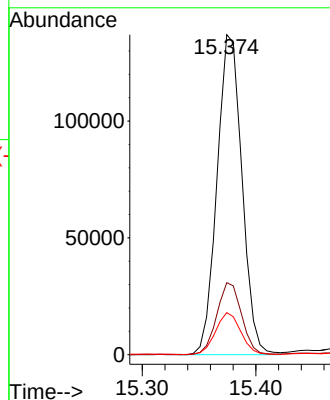
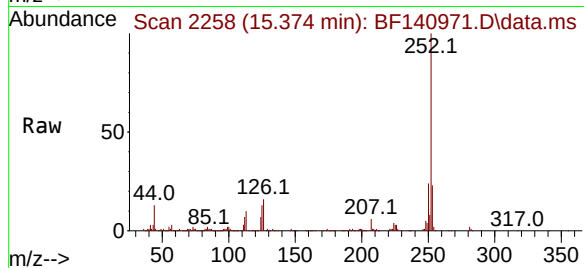
Tgt Ion:252 Resp: 209418

Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

125 13.1 9.8 14.8



#91

Dibenzo(a,h)anthracene

Concen: 4.147 ng

RT: 16.904 min Scan# 2518

Delta R.T. -0.012 min

Lab File: BF140971.D

Acq: 26 Dec 2024 16:49

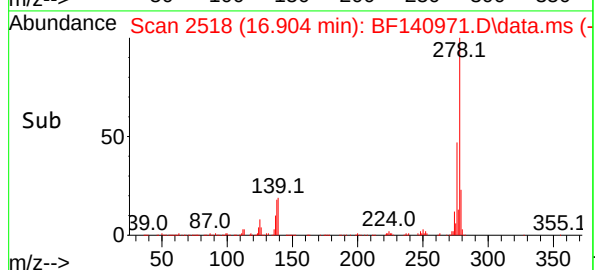
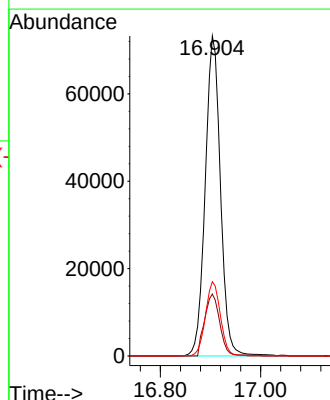
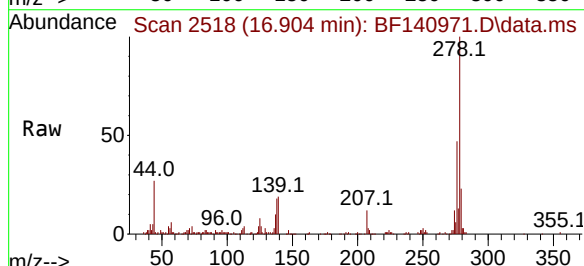
Tgt Ion:278 Resp: 154741

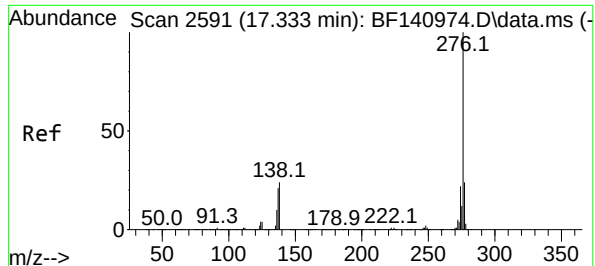
Ion Ratio Lower Upper

278 100

139 19.4 14.9 22.3

279 23.2 19.0 28.6





#92

Benzo(g,h,i)perylene

Concen: 3.893 ng

RT: 17.315 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF140971.D

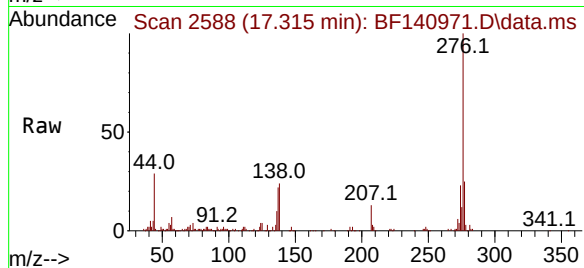
Acq: 26 Dec 2024 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



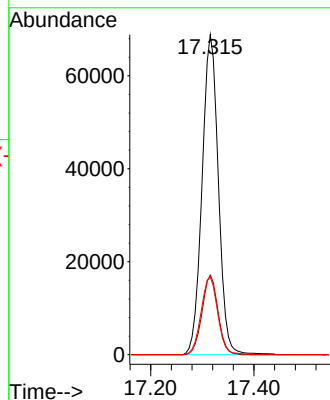
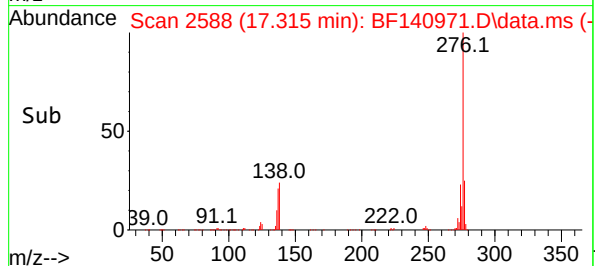
Tgt Ion:276 Resp: 150669

Ion Ratio Lower Upper

276 100

277 24.9 19.0 28.4

138 24.3 19.4 29.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122624\
 Data File : BF140972.D
 Acq On : 26 Dec 2024 17:15
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Dec 27 00:19:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:11:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	251125	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1005088	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	539677	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	960019	20.000	ng	0.00
76) Chrysene-d12	13.986	240	769052	20.000	ng	0.00
86) Perylene-d12	15.439	264	725753	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	357171	21.439	ng	0.00
7) Phenol-d6	6.440	99	461726	21.514	ng	-0.01
23) Nitrobenzene-d5	7.387	82	277918	17.691	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	102029	19.456	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	783402	23.128	ng	0.00
79) Terphenyl-d14	12.927	244	908253	19.616	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	77981	10.339	ng	99
3) Pyridine	3.305	79	196202	10.644	ng	98
4) n-Nitrosodimethylamine	3.234	42	92623	9.918	ng	# 99
6) Aniline	6.487	93	213768	11.168	ng	98
8) 2-Chlorophenol	6.604	128	186317	10.608	ng	99
9) Benzaldehyde	6.375	77	149809	7.569	ng	98
10) Phenol	6.451	94	236093	10.639	ng	97
11) bis(2-Chloroethyl)ether	6.557	93	185749	10.376	ng	100
12) 1,3-Dichlorobenzene	6.769	146	209098	10.787	ng	99
13) 1,4-Dichlorobenzene	6.845	146	212166	10.857	ng	98
14) 1,2-Dichlorobenzene	6.998	146	199494	10.949	ng	99
15) Benzyl Alcohol	6.957	79	160122	10.383	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	290964	10.738	ng	99
17) 2-Methylphenol	7.069	107	151661	10.393	ng	98
18) Hexachloroethane	7.340	117	71922	10.361	ng	97
19) n-Nitroso-di-n-propyla...	7.234	70	141506	10.763	ng	98
20) 3+4-Methylphenols	7.222	107	203866	11.040	ng	91
22) Acetophenone	7.228	105	268709	10.898	ng	98
24) Nitrobenzene	7.404	77	160105	9.121	ng	100
25) Isophorone	7.640	82	354894	10.381	ng	97
26) 2-Nitrophenol	7.722	139	39980	10.245	ng	99
27) 2,4-Dimethylphenol	7.751	122	128382	10.276	ng	98
28) bis(2-Chloroethoxy)met...	7.857	93	232407	10.730	ng	99
29) 2,4-Dichlorophenol	7.957	162	145068	10.238	ng	100
30) 1,2,4-Trichlorobenzene	8.051	180	168369	10.498	ng	99
31) Naphthalene	8.128	128	579991	10.951	ng	98
32) Benzoic acid	7.810	122	49591	11.743	ng	99
33) 4-Chloroaniline	8.175	127	199889	10.433	ng	99
34) Hexachlorobutadiene	8.251	225	100026	10.579	ng	100
35) Caprolactam	8.504	113	47868	9.936	ng	98
36) 4-Chloro-3-methylphenol	8.639	107	160989	10.230	ng	100
37) 2-Methylnaphthalene	8.816	142	372101	10.982	ng	99
38) 1-Methylnaphthalene	8.916	142	363059	10.903	ng	100
40) 1,2,4,5-Tetrachloroben...	8.981	216	158150	10.652	ng	99
41) Hexachlorocyclopentadiene	8.975	237	47532	9.661	ng	97
43) 2,4,6-Trichlorophenol	9.087	196	96190	9.734	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122624\
 Data File : BF140972.D
 Acq On : 26 Dec 2024 17:15
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

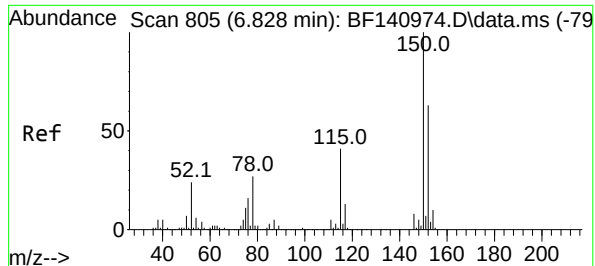
Quant Time: Dec 27 00:19:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:11:18 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	104859	10.371	ng	99
46) 1,1'-Biphenyl	9.281	154	457591	11.074	ng	99
47) 2-Chloronaphthalene	9.304	162	348834	10.884	ng	98
48) 2-Nitroaniline	9.392	65	49140	9.938	ng	99
49) Acenaphthylene	9.722	152	504423	10.933	ng	99
50) Dimethylphthalate	9.575	163	381476	10.746	ng	99
51) 2,6-Dinitrotoluene	9.639	165	46772	9.624	ng	97
52) Acenaphthene	9.892	154	334623	10.729	ng	100
53) 3-Nitroaniline	9.804	138	53244	9.568	ng	# 93
54) 2,4-Dinitrophenol	9.904	184	10078	11.150	ng	# 1
55) Dibenzofuran	10.063	168	480351	10.959	ng	97
56) 4-Nitrophenol	9.945	139	44755	7.370	ng	94
57) 2,4-Dinitrotoluene	10.034	165	50385	9.654	ng	90
58) Fluorene	10.404	166	386427	11.369	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	81766	9.765	ng	98
60) Diethylphthalate	10.281	149	374095	10.675	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	181693	11.109	ng	97
62) 4-Nitroaniline	10.410	138	54741	9.821	ng	91
63) Azobenzene	10.557	77	395397	10.749	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	15689	12.644	ng	91
66) n-Nitrosodiphenylamine	10.516	169	324220	10.725	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	110052	10.604	ng	98
68) Hexachlorobenzene	10.951	284	118361	10.343	ng	97
69) Atrazine	11.039	200	98299	11.639	ng	99
70) Pentachlorophenol	11.139	266	65934	9.254	ng	99
71) Phenanthrene	11.369	178	560414	11.091	ng	98
72) Anthracene	11.416	178	545401	11.016	ng	98
73) Carbazole	11.569	167	524879	11.028	ng	99
74) Di-n-butylphthalate	11.910	149	594457	10.981	ng	99
75) Fluoranthene	12.557	202	611729	11.163	ng	98
77) Benzidine	12.680	184	127969	7.873	ng	99
78) Pyrene	12.780	202	642229	9.549	ng	98
80) Butylbenzylphthalate	13.410	149	219532	8.939	ng	97
81) Benzo(a)anthracene	13.974	228	558462	10.419	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	174840	10.857	ng	97
83) Chrysene	14.010	228	511519	10.587	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	323647	10.159	ng	100
85) Di-n-octyl phthalate	14.592	149	473516	10.269	ng	100
87) Indeno(1,2,3-cd)pyrene	16.880	276	365994	8.004	ng	100
88) Benzo(b)fluoranthene	15.016	252	567548	11.213	ng	99
89) Benzo(k)fluoranthene	15.045	252	406884	10.256	ng	99
90) Benzo(a)pyrene	15.374	252	401924	10.230	ng	99
91) Dibenzo(a,h)anthracene	16.904	278	300782	8.115	ng	99
92) Benzo(g,h,i)perylene	17.315	276	294254	7.654	ng	100

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

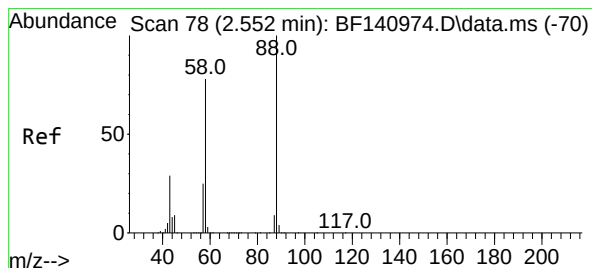
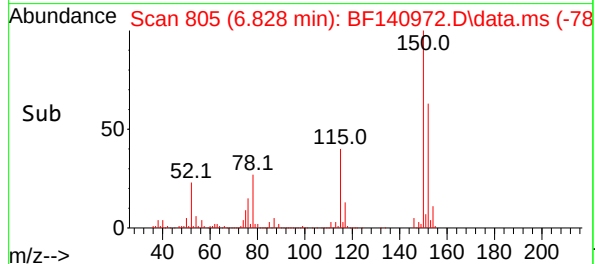
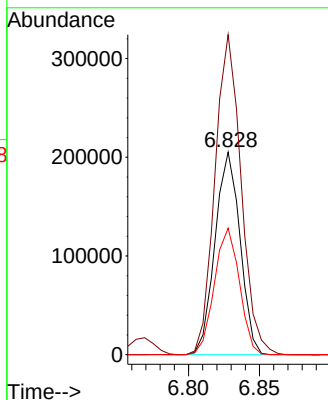
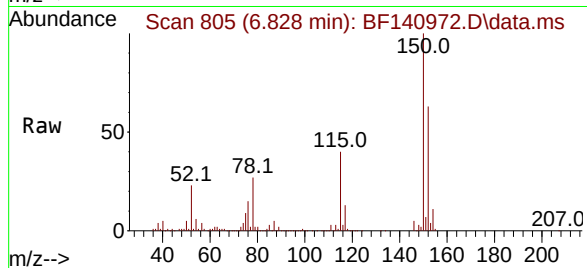
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

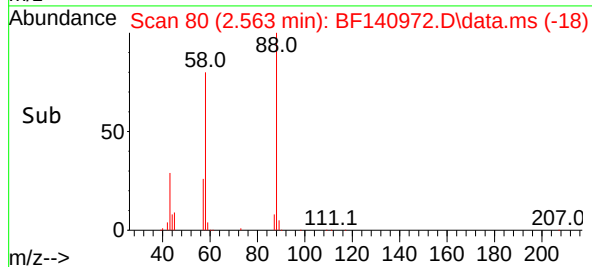
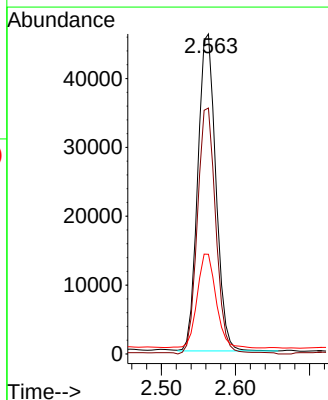
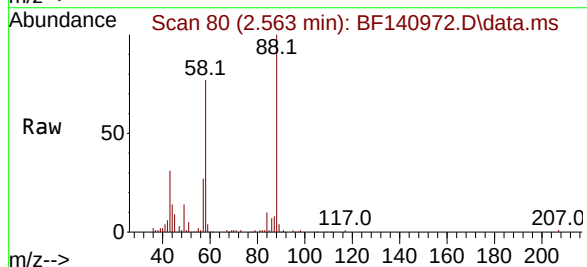
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

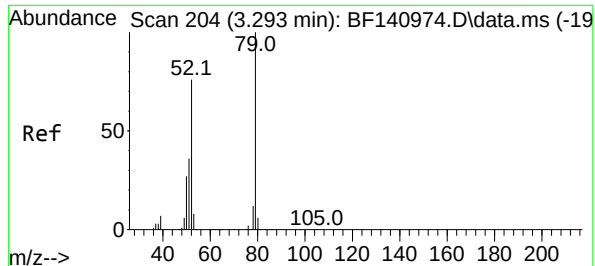
Tgt Ion:152 Resp: 251125
Ion Ratio Lower Upper
152 100
150 158.0 127.0 190.6
115 62.5 51.7 77.5



#2
1,4-Dioxane
Concen: 10.339 ng
RT: 2.563 min Scan# 80
Delta R.T. 0.012 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

Tgt Ion: 88 Resp: 77981
Ion Ratio Lower Upper
88 100
58 79.2 63.0 94.4
43 31.0 23.4 35.2





#3

Pyridine

Concen: 10.644 ng

RT: 3.305 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

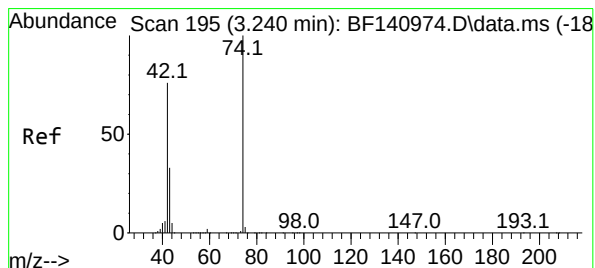
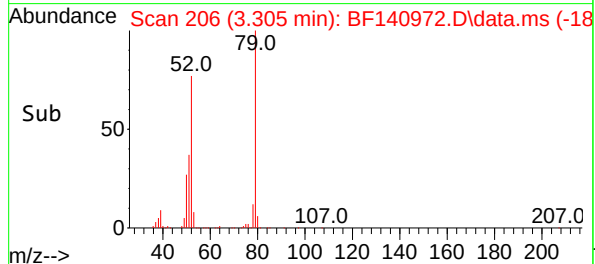
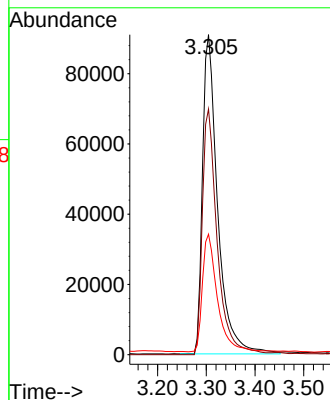
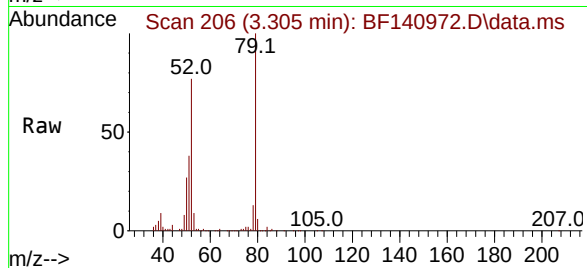
Tgt Ion: 79 Resp: 196202

Ion Ratio Lower Upper

79 100

52 76.8 60.4 90.6

51 37.6 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 9.918 ng

RT: 3.234 min Scan# 194

Delta R.T. -0.006 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

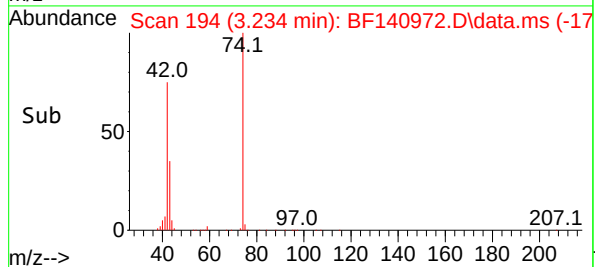
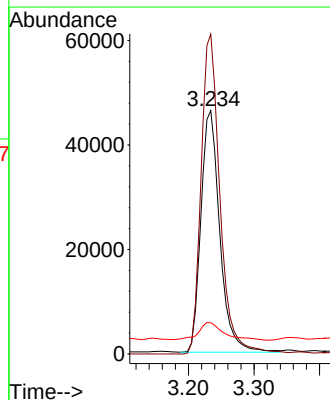
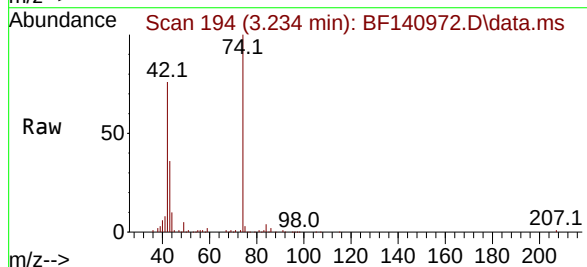
Tgt Ion: 42 Resp: 92623

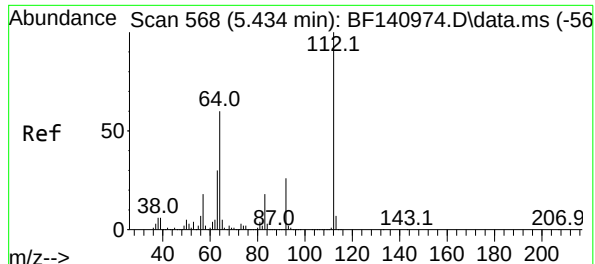
Ion Ratio Lower Upper

42 100

74 131.5 105.8 158.6

44 12.8 6.6 10.0#

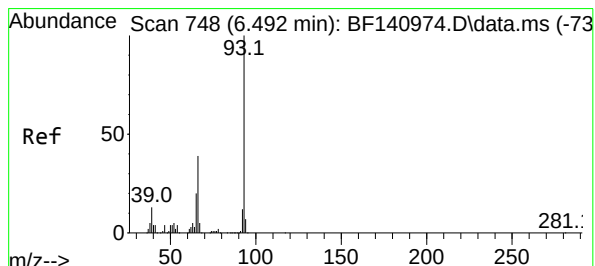
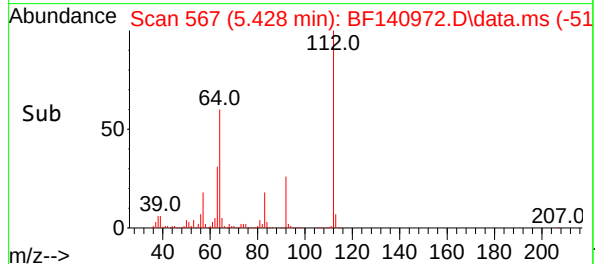
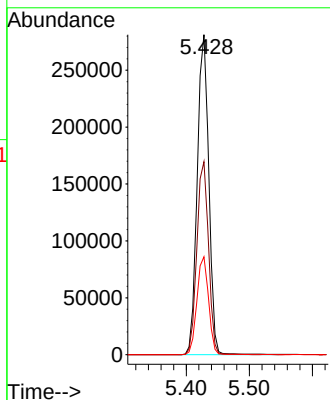
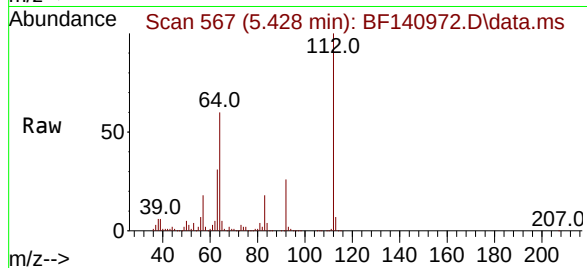




#5
2-Fluorophenol
Concen: 21.439 ng
RT: 5.428 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

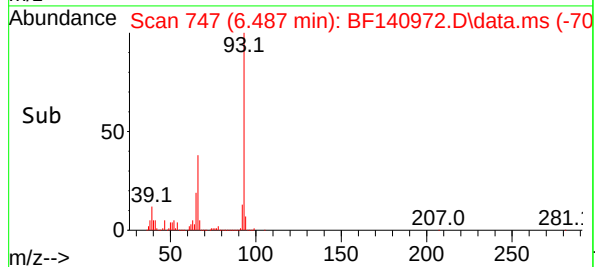
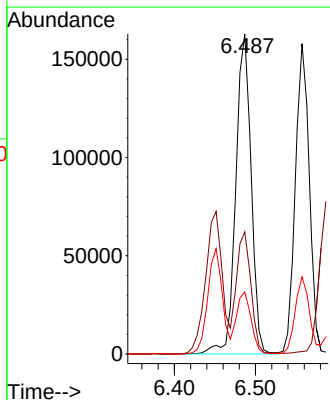
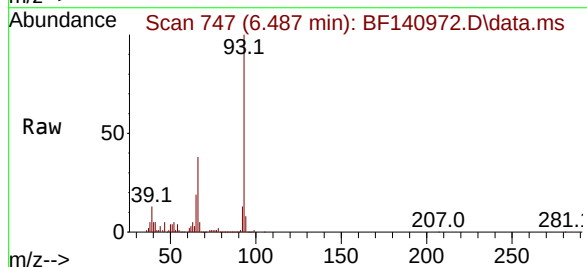
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

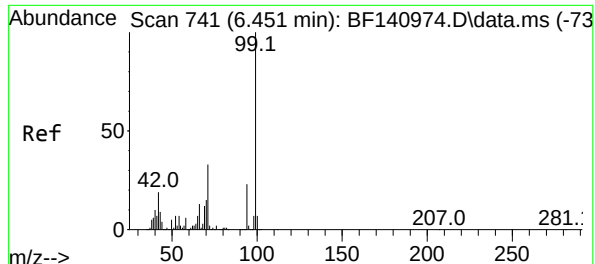
Tgt Ion:112 Resp: 357171
Ion Ratio Lower Upper
112 100
64 60.3 47.7 71.5
63 30.6 24.2 36.2



#6
Aniline
Concen: 11.168 ng
RT: 6.487 min Scan# 747
Delta R.T. -0.023 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

Tgt Ion: 93 Resp: 213768
Ion Ratio Lower Upper
93 100
66 38.2 31.8 47.8
65 19.4 15.4 23.0





#7

Phenol-d6

Concen: 21.514 ng

RT: 6.440 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

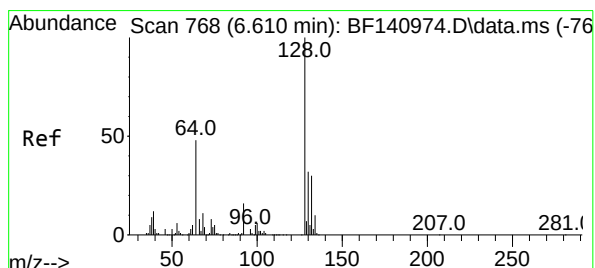
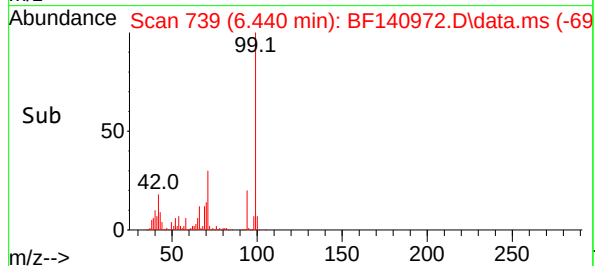
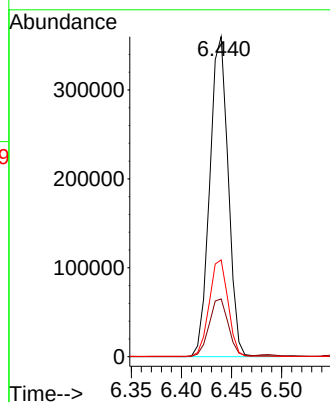
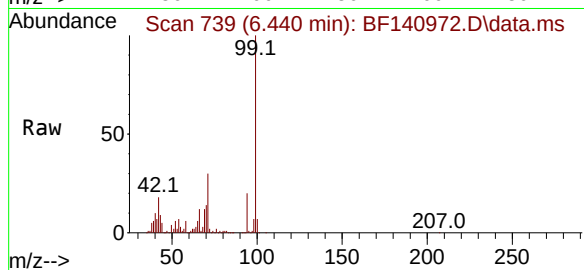
Tgt Ion: 99 Resp: 461726

Ion Ratio Lower Upper

99 100

42 18.1 15.0 22.4

71 30.2 26.2 39.2



#8

2-Chlorophenol

Concen: 10.608 ng

RT: 6.604 min Scan# 767

Delta R.T. -0.006 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

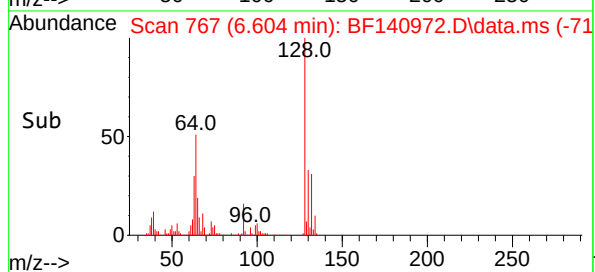
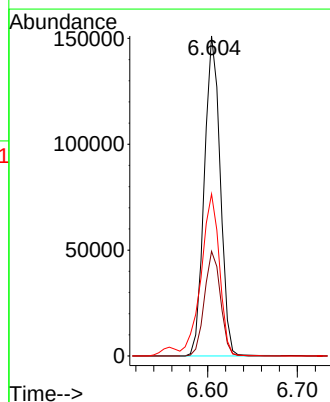
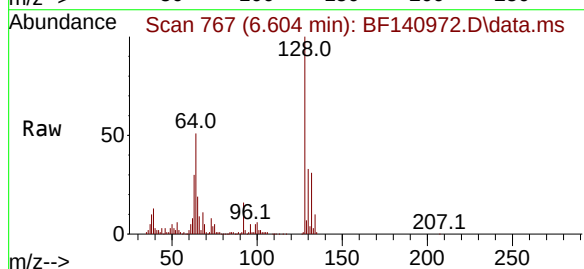
Tgt Ion: 128 Resp: 186317

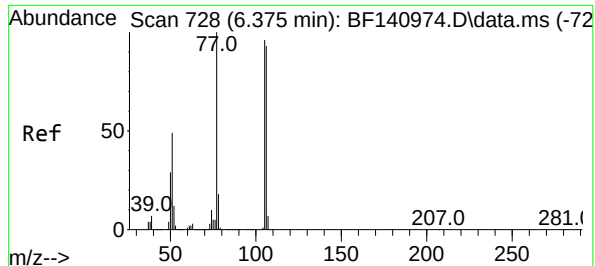
Ion Ratio Lower Upper

128 100

130 32.7 12.2 52.2

64 50.6 30.3 70.3





#9

Benzaldehyde

Concen: 7.569 ng

RT: 6.375 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

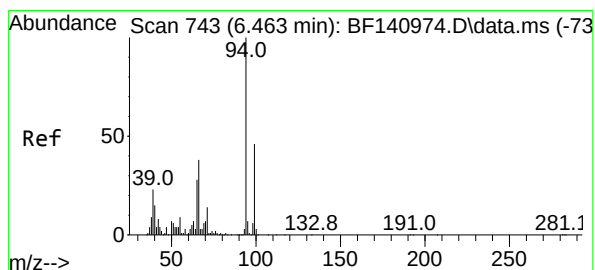
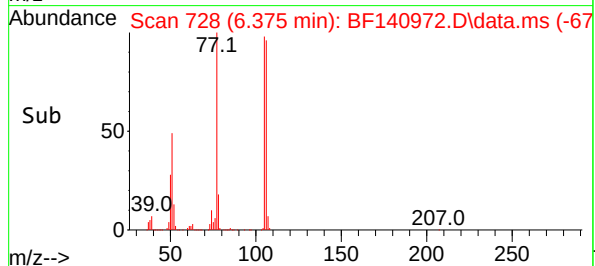
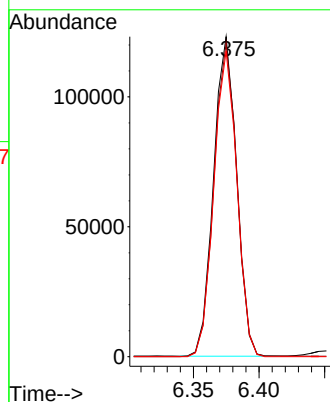
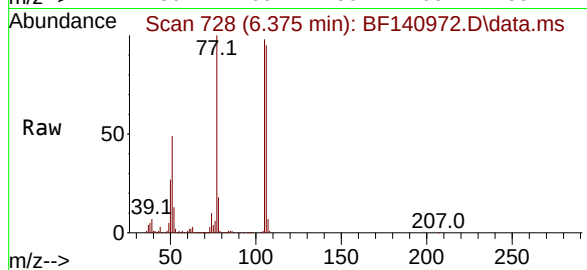
Tgt Ion: 77 Resp: 149809

Ion Ratio Lower Upper

77 100

105 98.0 76.2 116.2

106 95.4 73.4 113.4



#10

Phenol

Concen: 10.639 ng

RT: 6.451 min Scan# 741

Delta R.T. -0.012 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

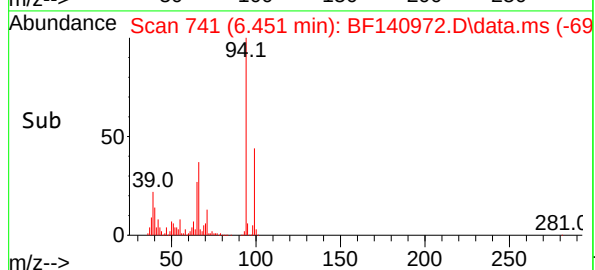
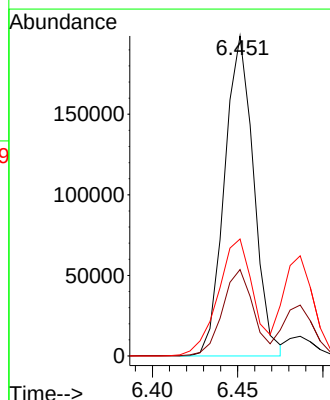
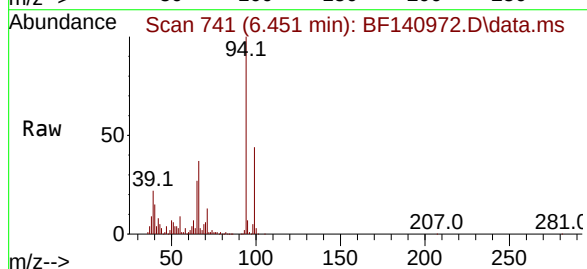
Tgt Ion: 94 Resp: 236093

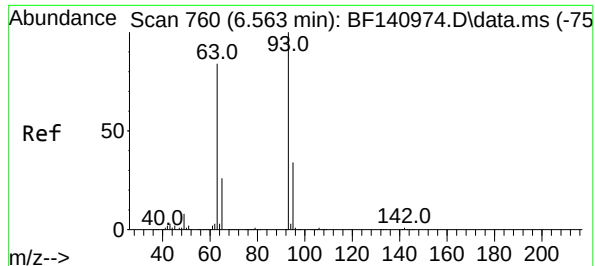
Ion Ratio Lower Upper

94 100

65 27.0 8.1 48.1

66 36.5 18.7 58.7





#11

bis(2-Chloroethyl)ether

Concen: 10.376 ng

RT: 6.557 min Scan# 759

Delta R.T. -0.006 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

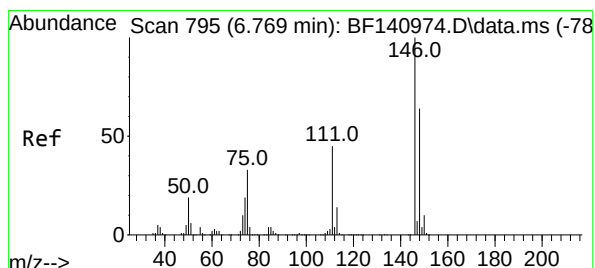
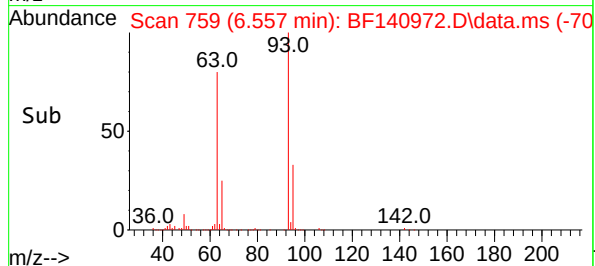
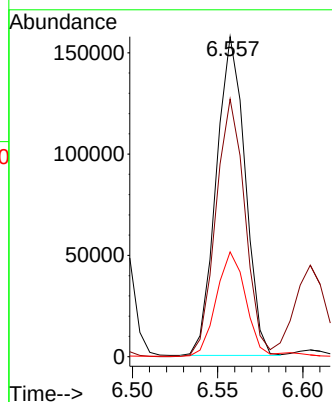
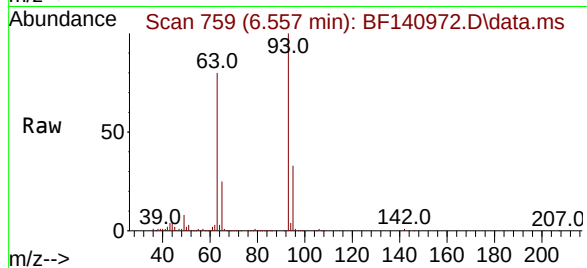
Tgt Ion: 93 Resp: 185749

Ion Ratio Lower Upper

93 100

63 80.5 60.3 100.3

95 32.8 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 10.787 ng

RT: 6.769 min Scan# 795

Delta R.T. 0.000 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

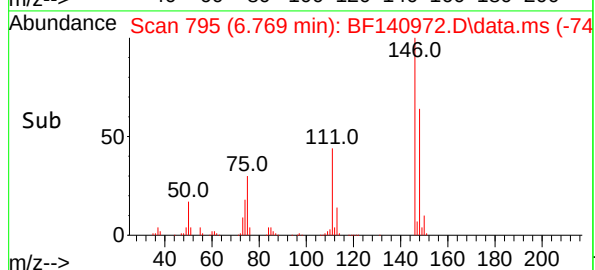
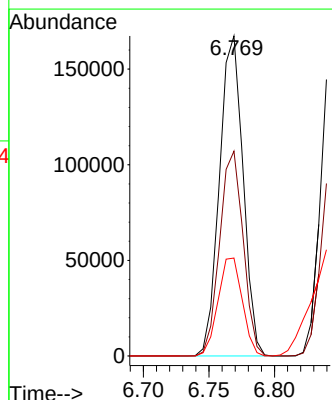
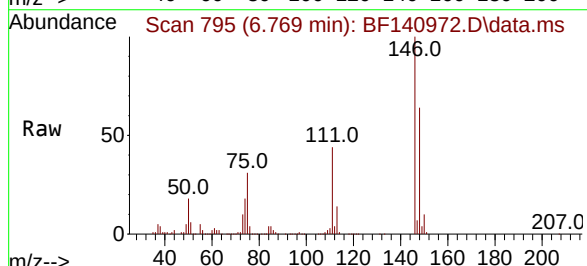
Tgt Ion:146 Resp: 209098

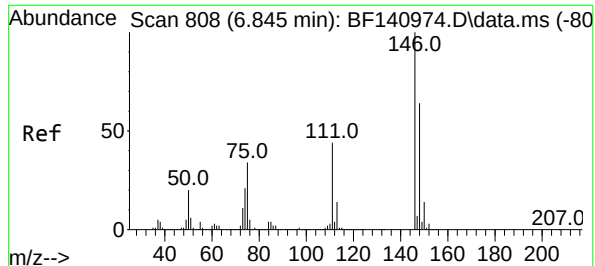
Ion Ratio Lower Upper

146 100

148 64.0 51.0 76.4

75 30.6 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 10.857 ng

RT: 6.845 min Scan# 808

Delta R.T. 0.000 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

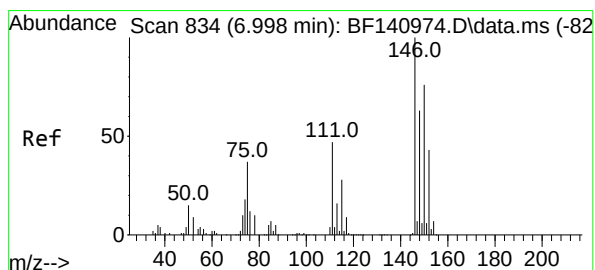
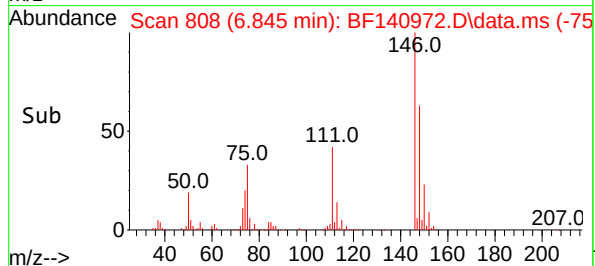
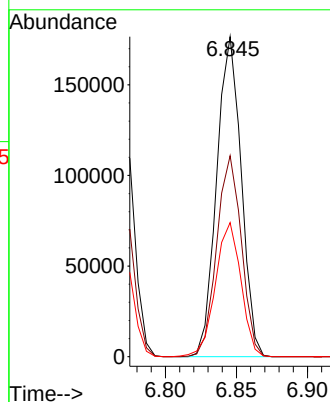
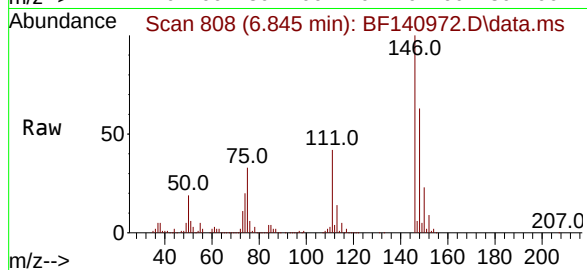
Tgt Ion:146 Resp: 212166

Ion Ratio Lower Upper

146 100

148 62.8 51.3 76.9

111 41.9 35.3 52.9



#14

1,2-Dichlorobenzene

Concen: 10.949 ng

RT: 6.998 min Scan# 834

Delta R.T. 0.000 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

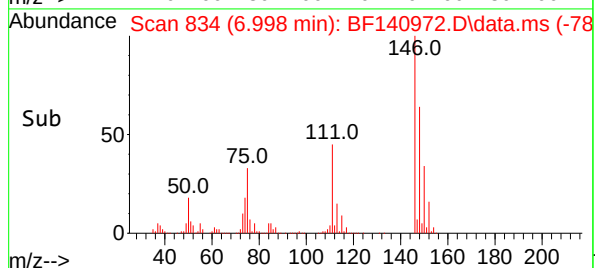
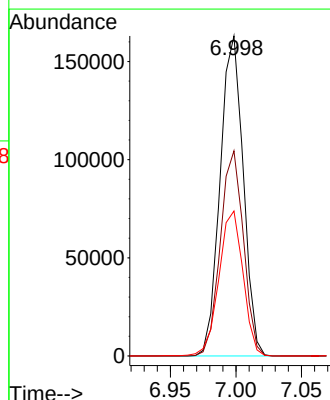
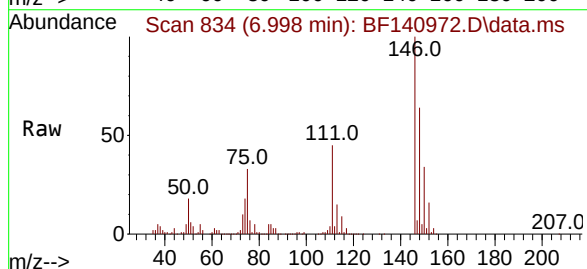
Tgt Ion:146 Resp: 199494

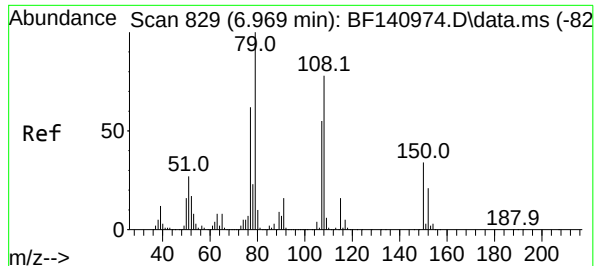
Ion Ratio Lower Upper

146 100

148 64.1 50.6 76.0

111 45.3 37.3 55.9

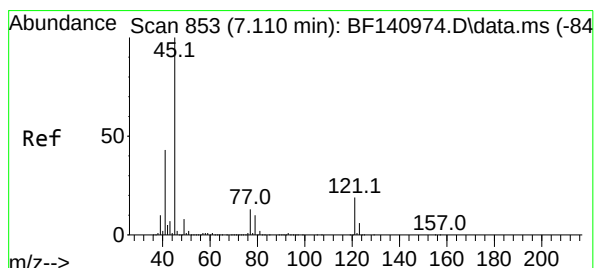
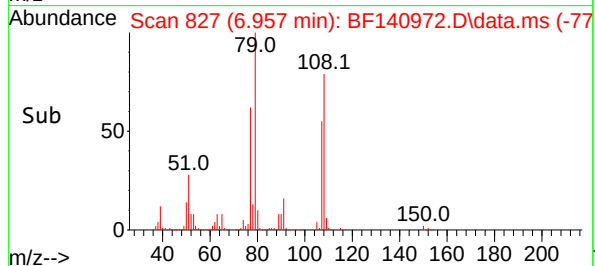
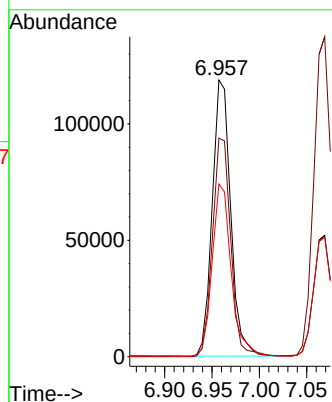
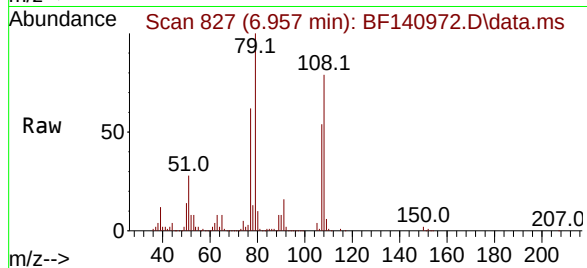




#15
Benzyl Alcohol
Concen: 10.383 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

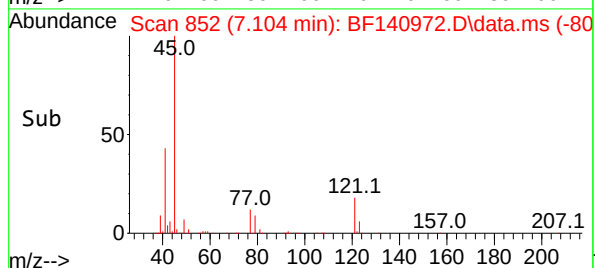
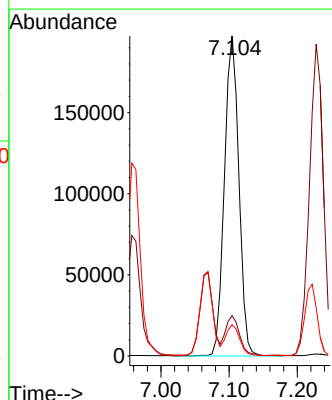
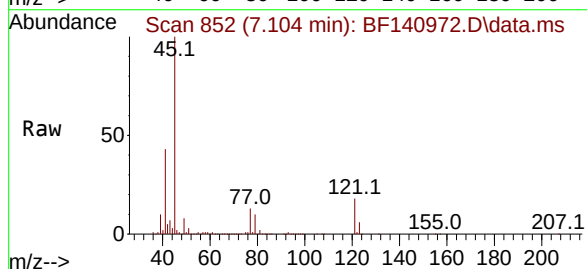
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

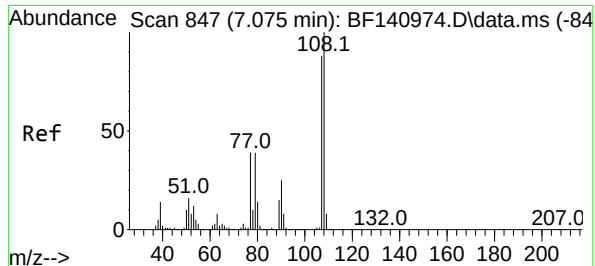
Tgt Ion: 79 Resp: 160122
Ion Ratio Lower Upper
79 100
108 79.0 62.5 93.7
77 62.5 49.3 73.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 10.738 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

Tgt Ion: 45 Resp: 290964
Ion Ratio Lower Upper
45 100
77 12.6 0.0 33.1
79 9.8 0.0 30.1

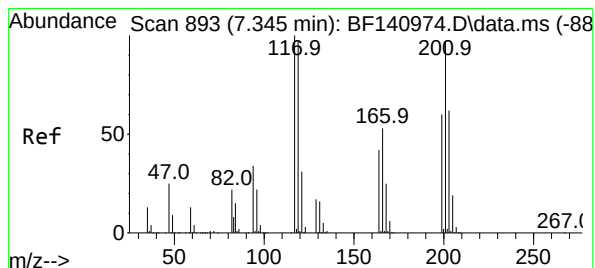
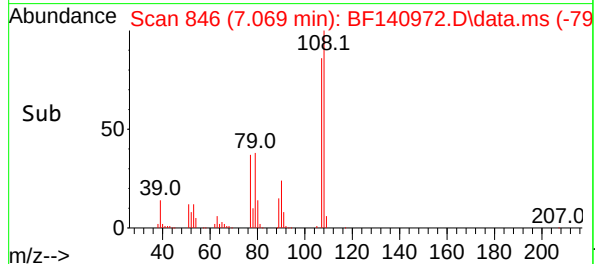
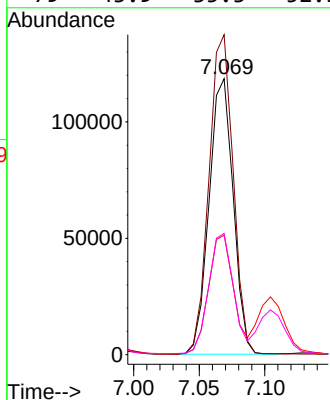
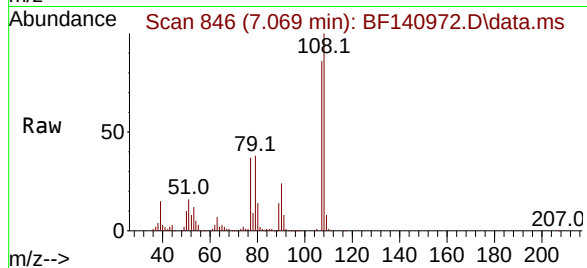




#17
2-Methylphenol
Concen: 10.393 ng
RT: 7.069 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

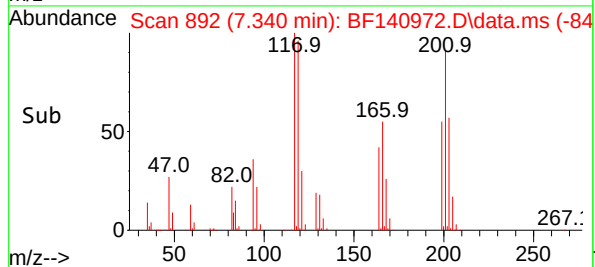
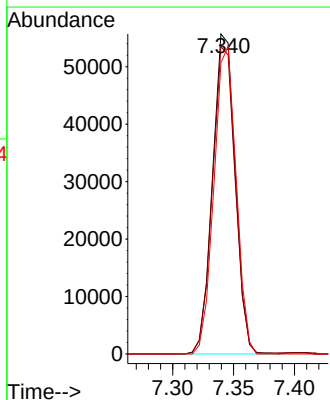
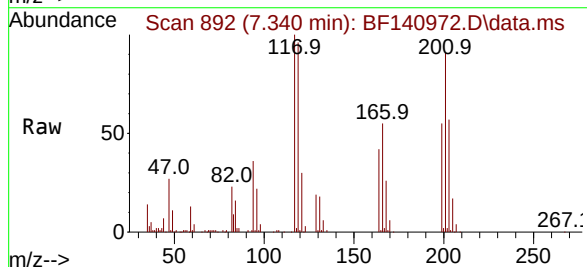
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

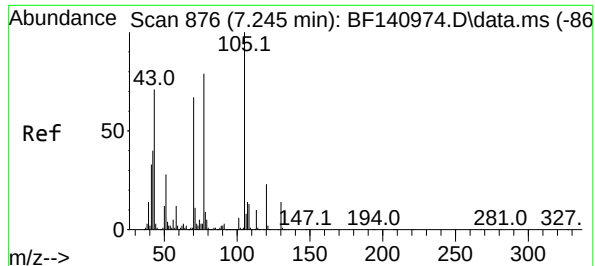
Tgt Ion:107 Resp: 151661
Ion Ratio Lower Upper
107 100
108 115.9 90.6 136.0
77 43.3 35.3 52.9
79 43.9 35.3 52.9



#18
Hexachloroethane
Concen: 10.361 ng
RT: 7.340 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

Tgt Ion:117 Resp: 71922
Ion Ratio Lower Upper
117 100
119 96.1 77.5 116.3
201 91.0 77.4 116.2





#19

n-Nitroso-di-n-propylamine

Concen: 10.763 ng

RT: 7.234 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF140972.D

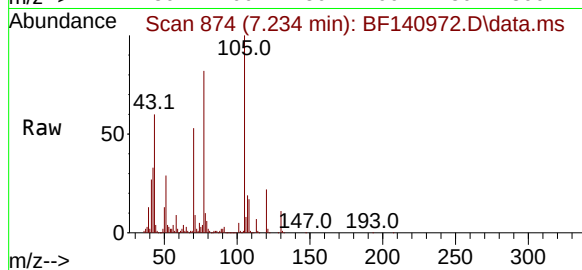
Acq: 26 Dec 2024 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion: 70 Resp: 141506

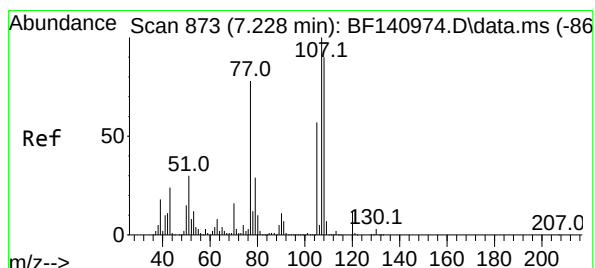
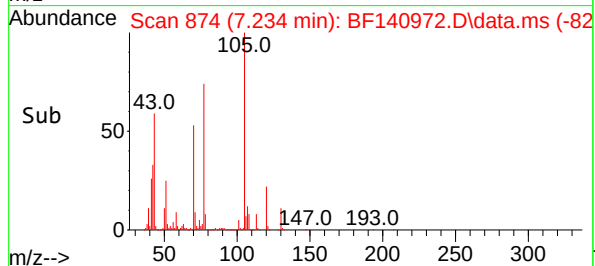
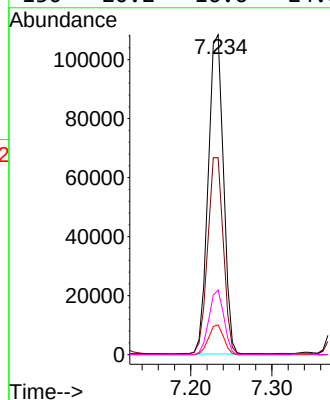
Ion Ratio Lower Upper

70 100

42 61.5 48.1 72.1

101 9.3 7.6 11.4

130 20.2 16.6 24.8



#20

3+4-Methylphenols

Concen: 11.040 ng

RT: 7.222 min Scan# 872

Delta R.T. -0.006 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

Tgt Ion: 107 Resp: 203866

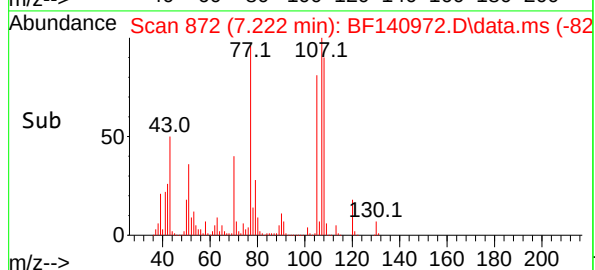
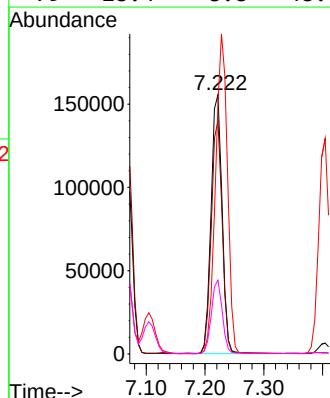
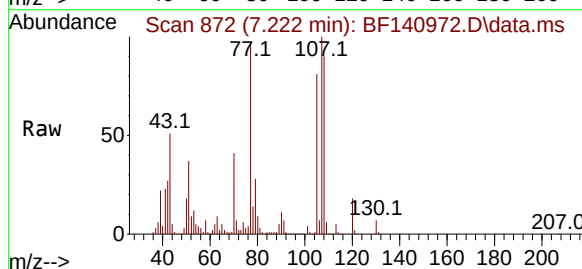
Ion Ratio Lower Upper

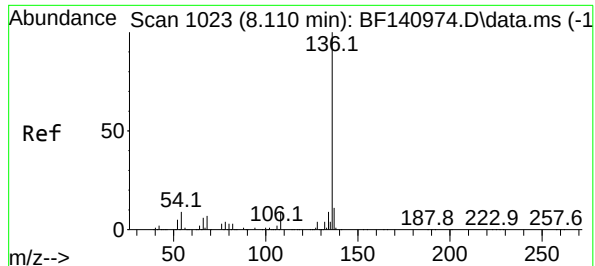
107 100

108 90.0 69.6 109.6

77 96.6 57.6 97.6

79 28.4 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.110 min Scan# 1023

Delta R.T. 0.000 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:136 Resp: 1005088

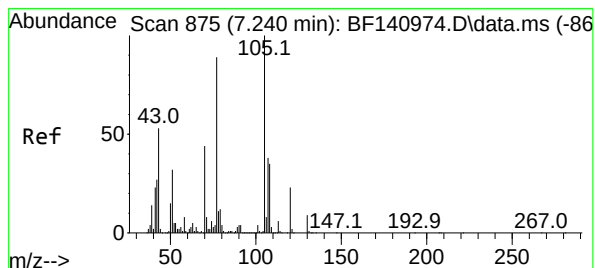
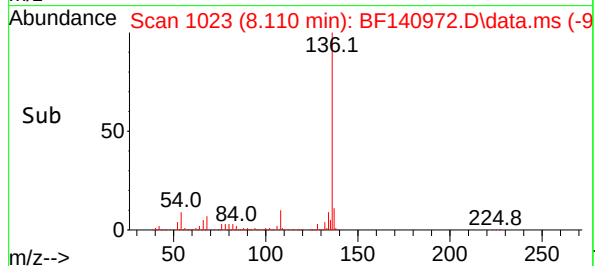
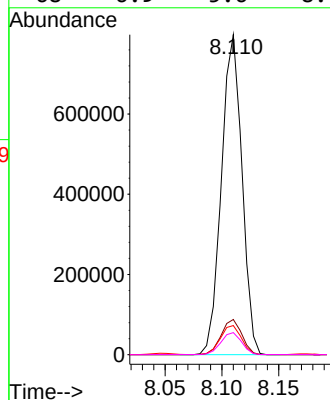
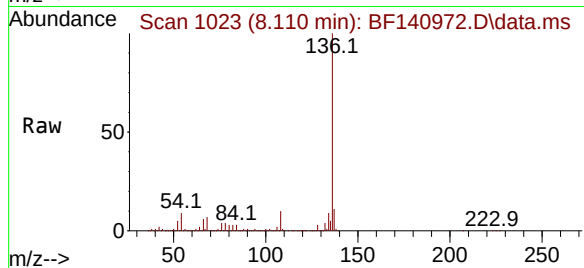
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 9.1 7.6 11.4

68 6.9 5.6 8.4



#22

Acetophenone

Concen: 10.898 ng

RT: 7.228 min Scan# 873

Delta R.T. -0.012 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

Tgt Ion:105 Resp: 268709

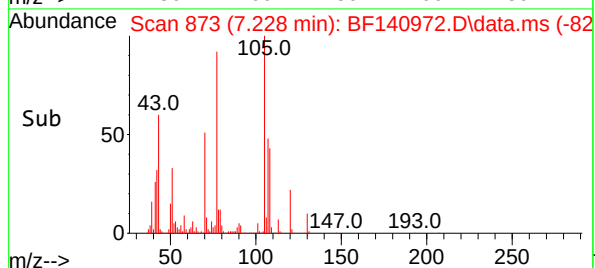
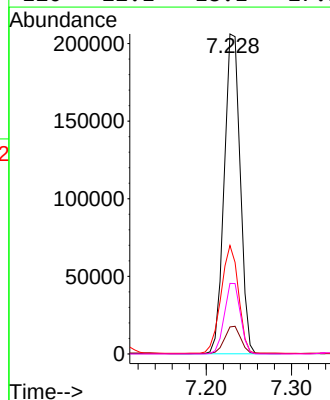
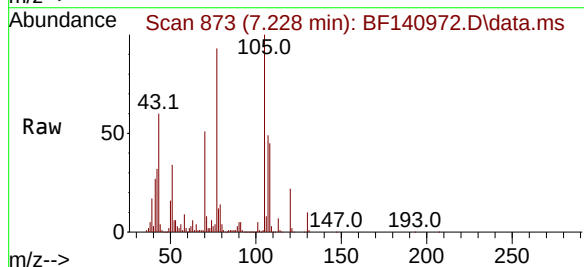
Ion Ratio Lower Upper

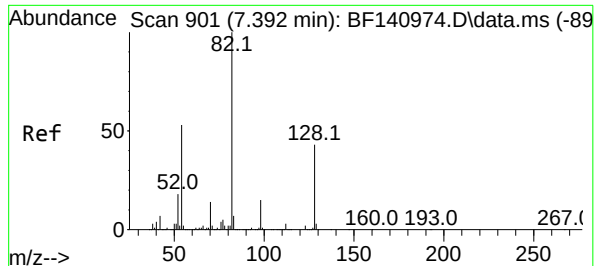
105 100

71 8.4 6.1 9.1

51 33.9 25.8 38.6

120 22.1 18.1 27.1





#23

Nitrobenzene-d5

Concen: 17.691 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

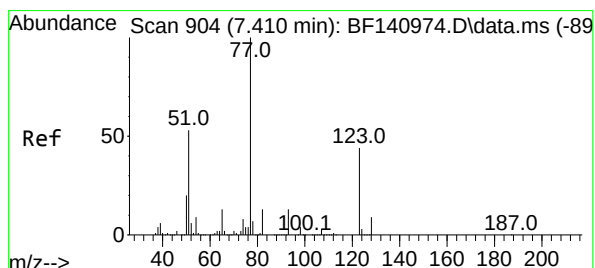
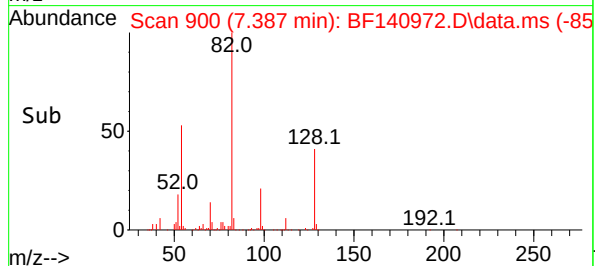
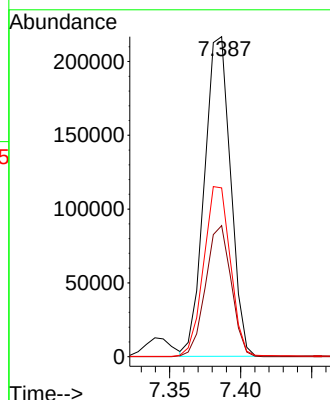
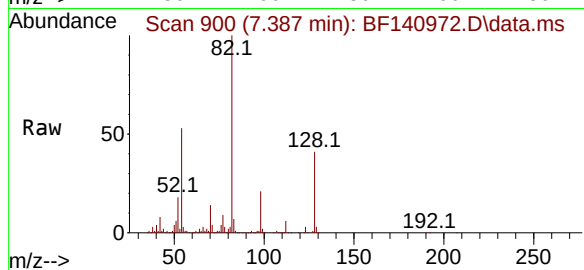
Tgt Ion: 82 Resp: 277918

Ion Ratio Lower Upper

82 100

128 41.0 34.4 51.6

54 52.8 42.4 63.6



#24

Nitrobenzene

Concen: 9.121 ng

RT: 7.404 min Scan# 903

Delta R.T. -0.006 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

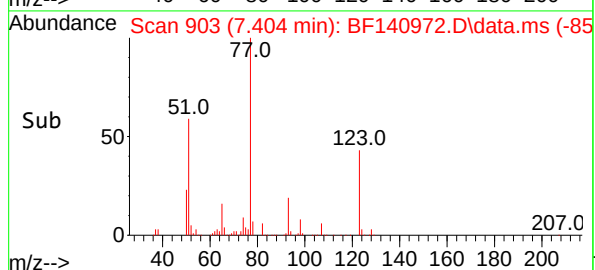
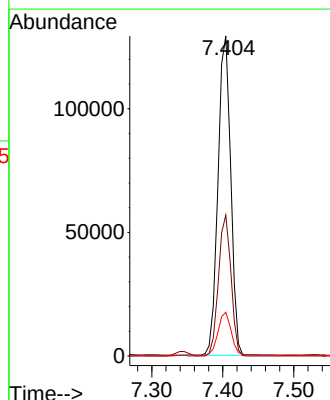
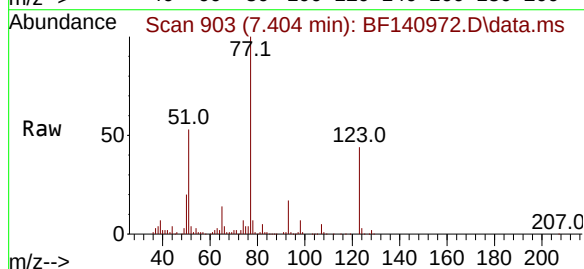
Tgt Ion: 77 Resp: 160105

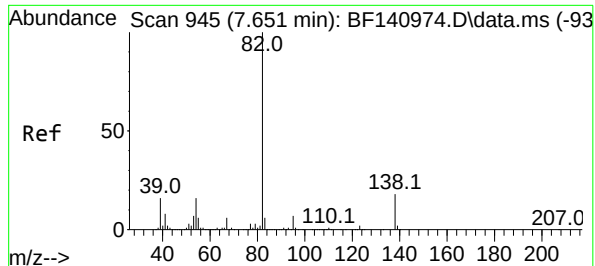
Ion Ratio Lower Upper

77 100

123 44.0 35.4 53.2

65 13.7 10.7 16.1

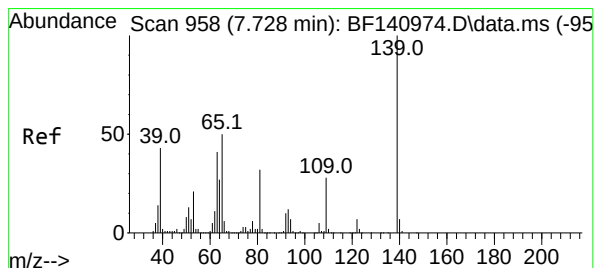
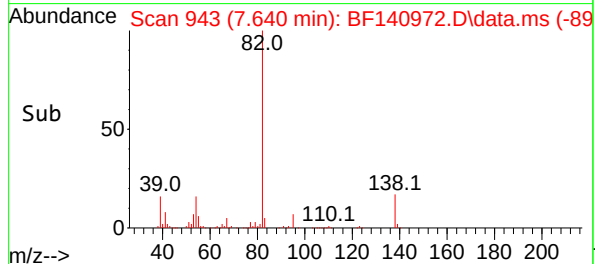
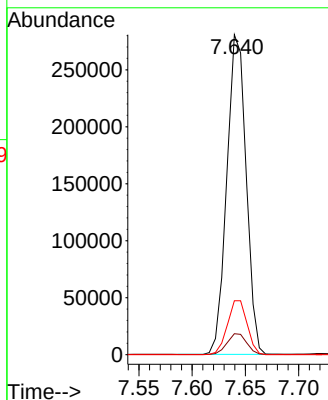
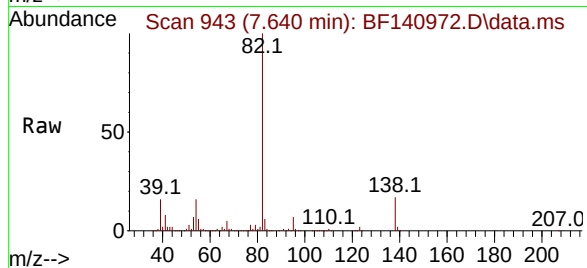




#25
Isophorone
Concen: 10.381 ng
RT: 7.640 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

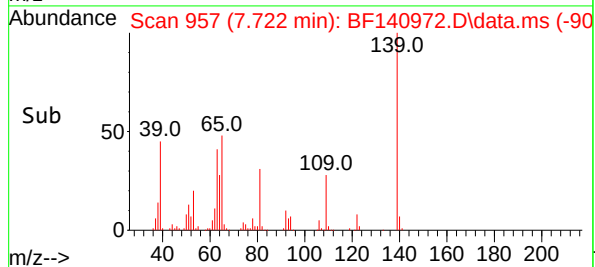
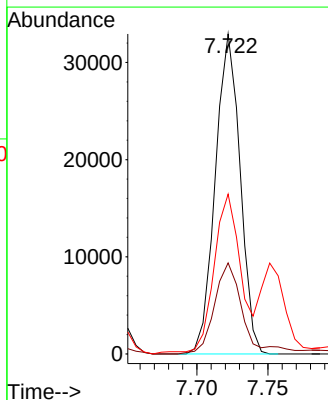
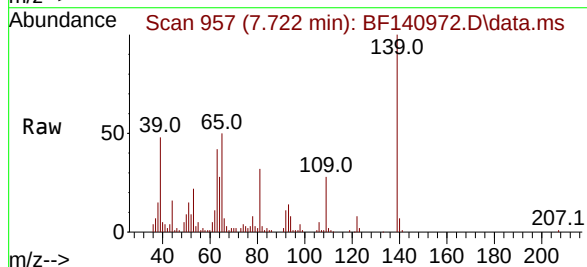
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

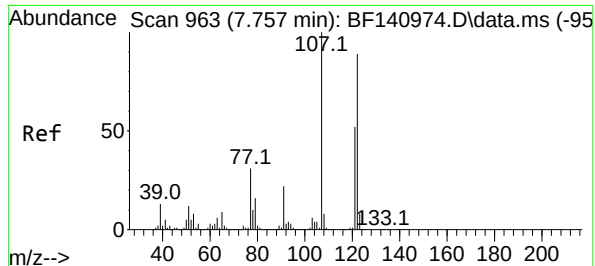
Tgt Ion: 82 Resp: 354894
Ion Ratio Lower Upper
82 100
95 6.6 5.6 8.4
138 16.8 14.6 21.8



#26
2-Nitrophenol
Concen: 10.245 ng
RT: 7.722 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

Tgt Ion: 139 Resp: 39980
Ion Ratio Lower Upper
139 100
109 28.5 22.2 33.4
65 49.9 40.2 60.4





#27

2,4-Dimethylphenol

Concen: 10.276 ng

RT: 7.751 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

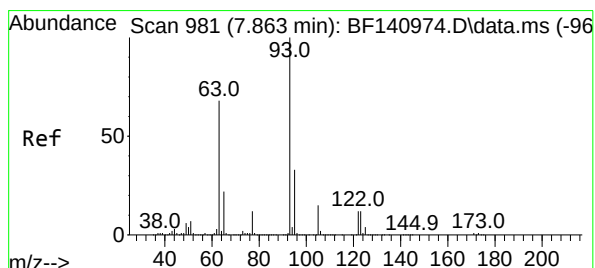
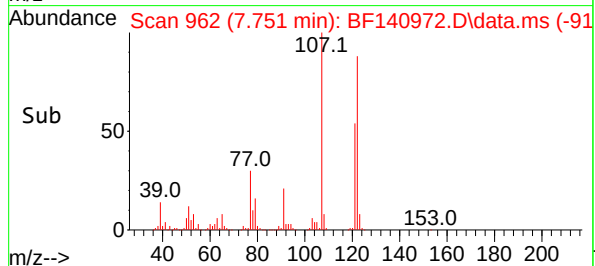
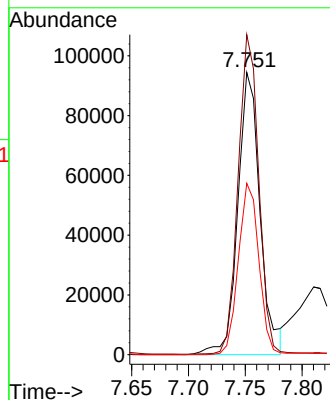
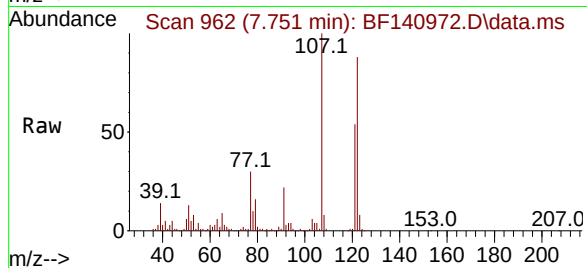
Tgt Ion:122 Resp: 128382

Ion Ratio Lower Upper

122 100

107 113.4 89.4 134.2

121 60.7 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 10.730 ng

RT: 7.857 min Scan# 980

Delta R.T. -0.006 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

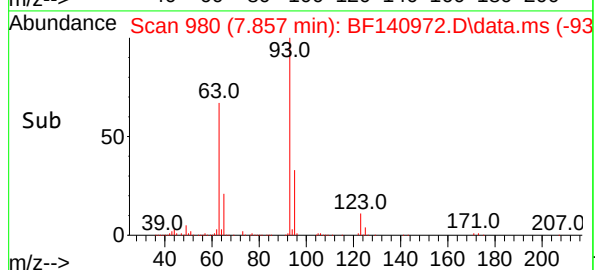
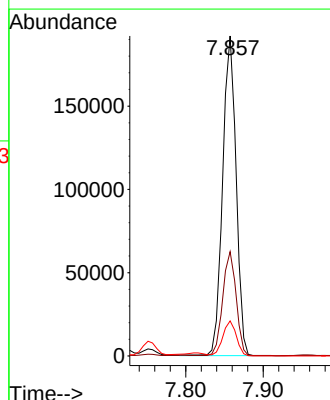
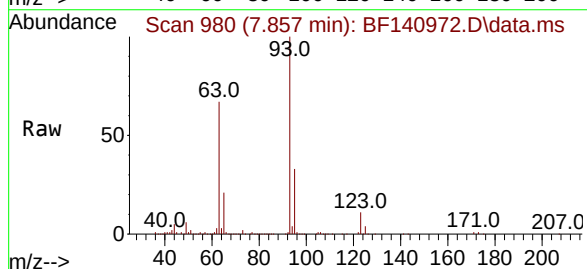
Tgt Ion: 93 Resp: 232407

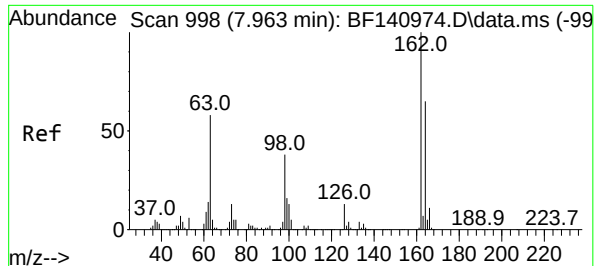
Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.4

123 11.0 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 10.238 ng

RT: 7.957 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

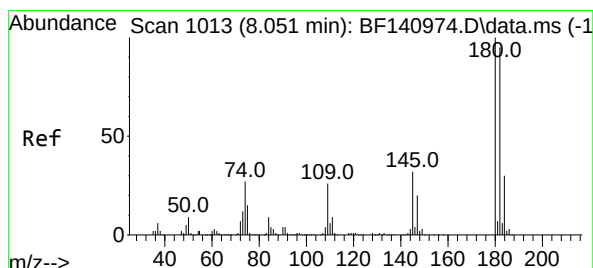
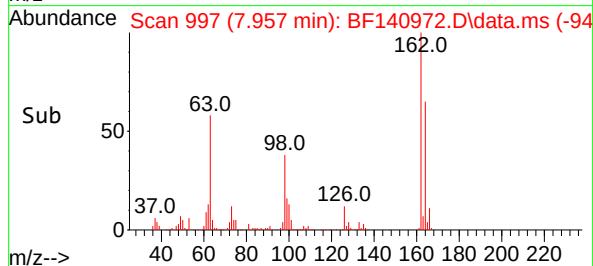
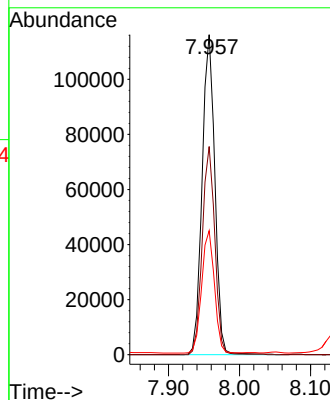
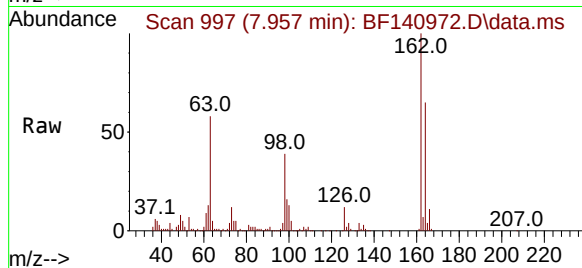
Tgt Ion:162 Resp: 145068

Ion Ratio Lower Upper

162 100

164 65.0 44.8 84.8

98 38.7 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 10.498 ng

RT: 8.051 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

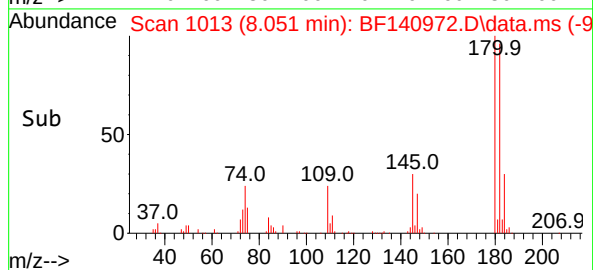
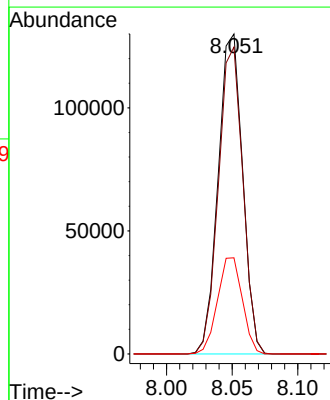
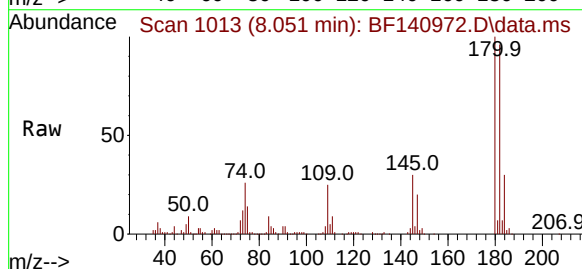
Tgt Ion:180 Resp: 168369

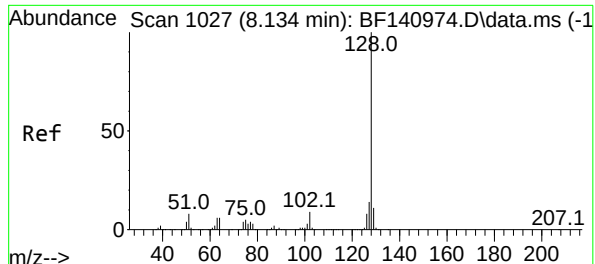
Ion Ratio Lower Upper

180 100

182 95.9 76.2 114.4

145 30.1 25.4 38.2





#31

Naphthalene

Concen: 10.951 ng

RT: 8.128 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

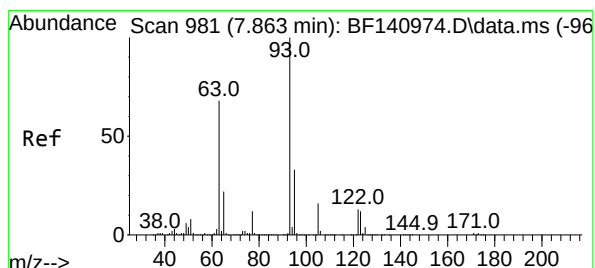
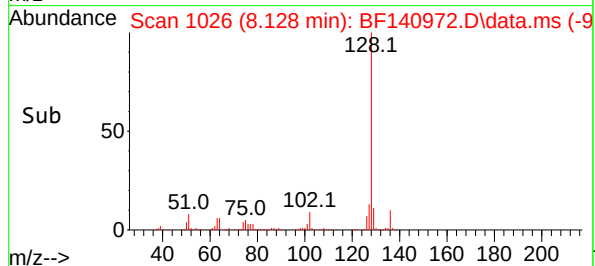
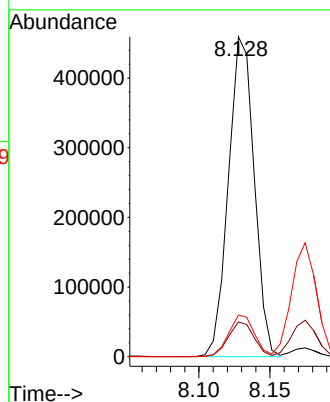
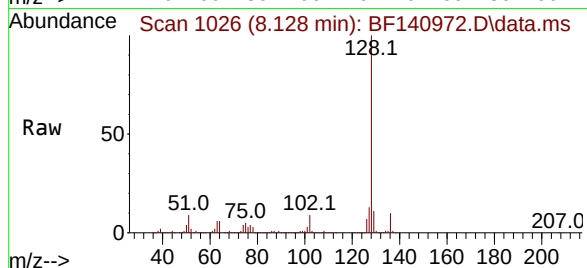
Tgt Ion:128 Resp: 579991

Ion Ratio Lower Upper

128 100

129 10.9 9.2 13.8

127 13.0 11.0 16.4



#32

Benzoic acid

Concen: 11.743 ng

RT: 7.810 min Scan# 972

Delta R.T. -0.053 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

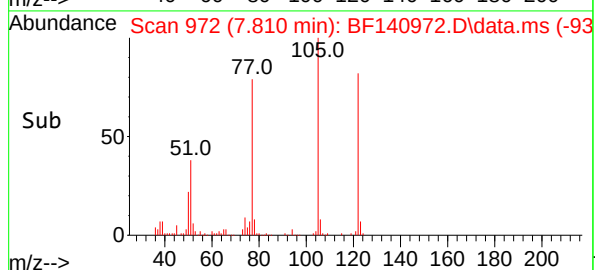
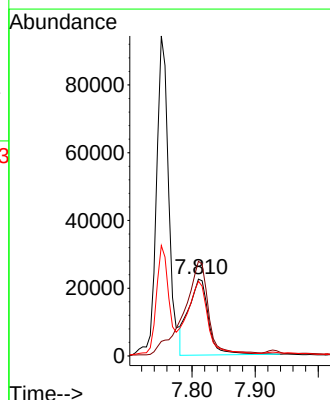
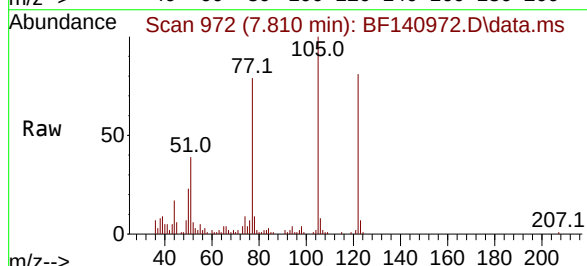
Tgt Ion:122 Resp: 49591

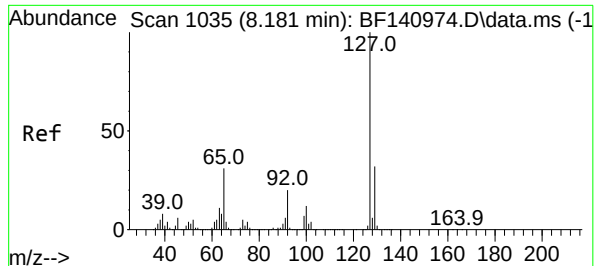
Ion Ratio Lower Upper

122 100

105 123.3 105.4 145.4

77 97.4 76.4 116.4





#33

4-Chloroaniline

Concen: 10.433 ng

RT: 8.175 min Scan# 1035

Delta R.T. -0.006 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:127 Resp: 199889

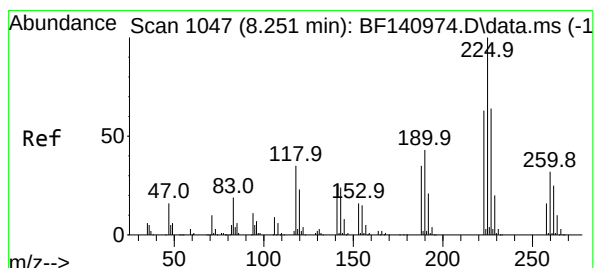
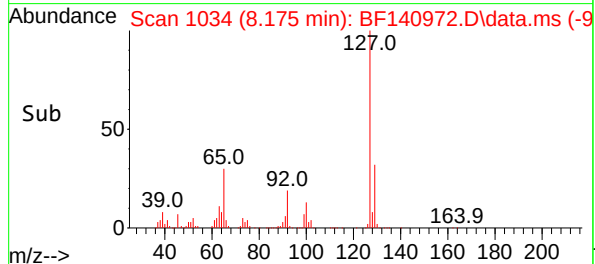
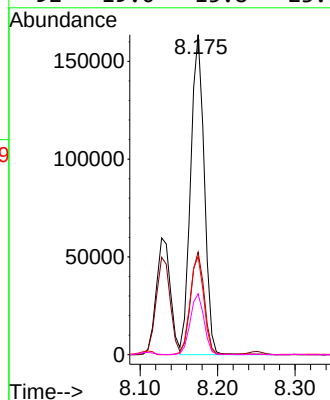
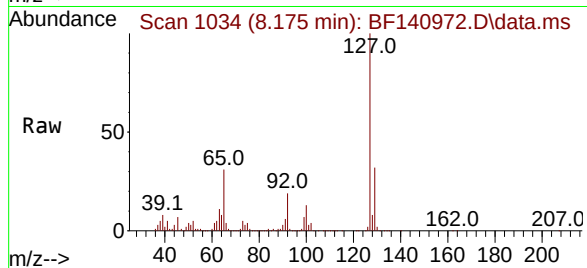
Ion Ratio Lower Upper

127 100

129 32.0 26.1 39.1

65 30.7 24.6 37.0

92 19.0 15.8 23.6



#34

Hexachlorobutadiene

Concen: 10.579 ng

RT: 8.251 min Scan# 1047

Delta R.T. 0.000 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

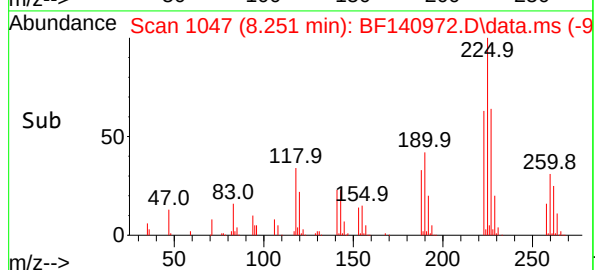
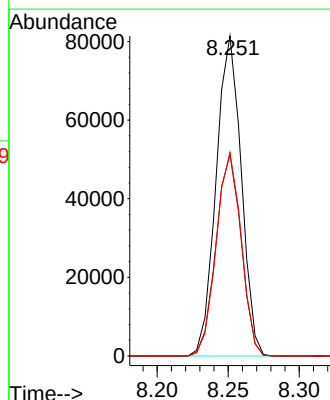
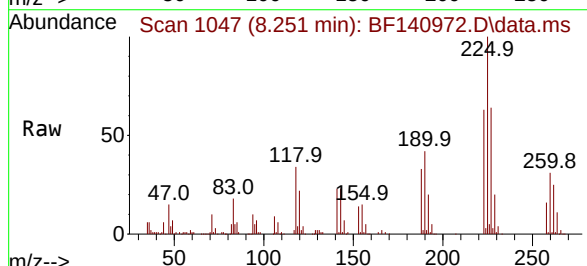
Tgt Ion:225 Resp: 100026

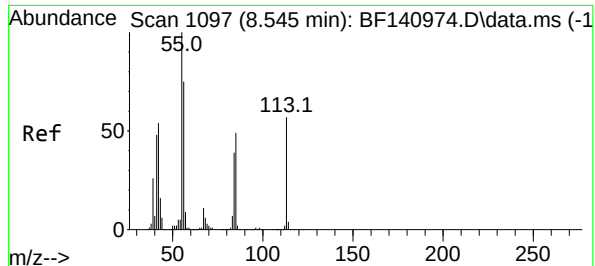
Ion Ratio Lower Upper

225 100

223 62.9 50.3 75.5

227 63.6 50.8 76.2

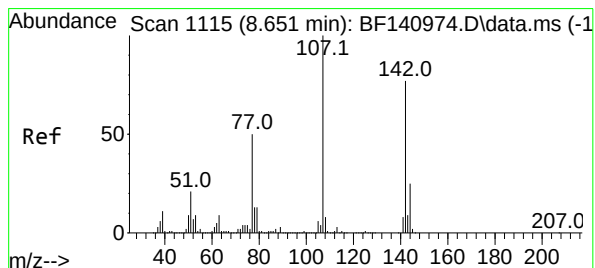
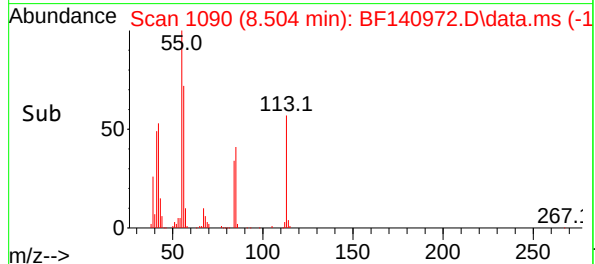
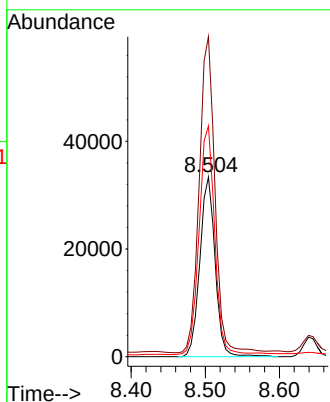
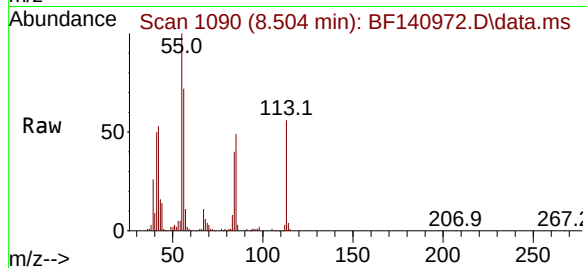




#35
Caprolactam
Concen: 9.936 ng
RT: 8.504 min Scan# 1090
Delta R.T. -0.041 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

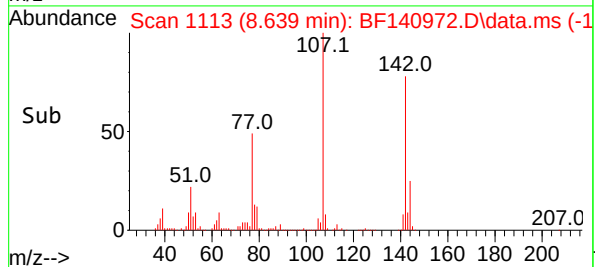
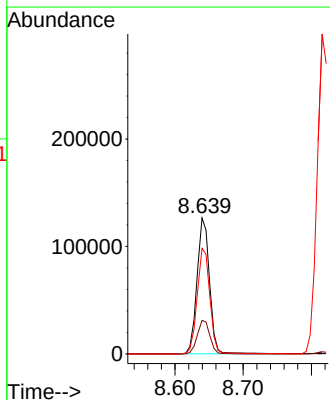
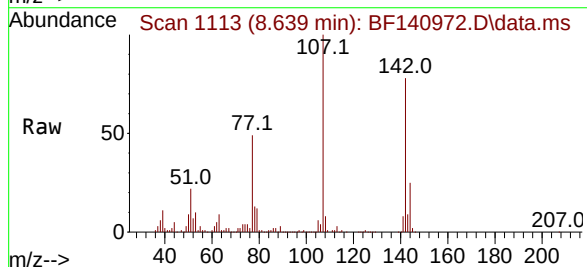
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

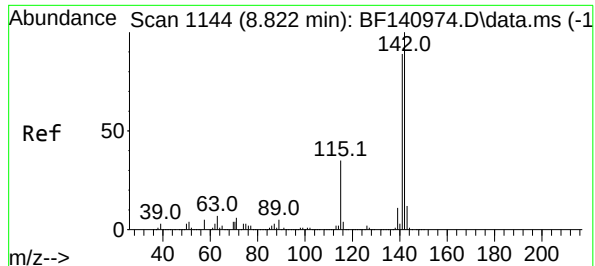
Tgt Ion:113 Resp: 47868
Ion Ratio Lower Upper
113 100
55 178.1 156.6 196.6
56 128.4 111.7 151.7



#36
4-Chloro-3-methylphenol
Concen: 10.230 ng
RT: 8.639 min Scan# 1113
Delta R.T. -0.012 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

Tgt Ion:107 Resp: 160989
Ion Ratio Lower Upper
107 100
144 24.7 19.9 29.9
142 77.7 61.8 92.8





#37

2-Methylnaphthalene

Concen: 10.982 ng

RT: 8.816 min Scan# 1143

Delta R.T. -0.006 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

Instrument :

BNA_F

ClientSampleId :

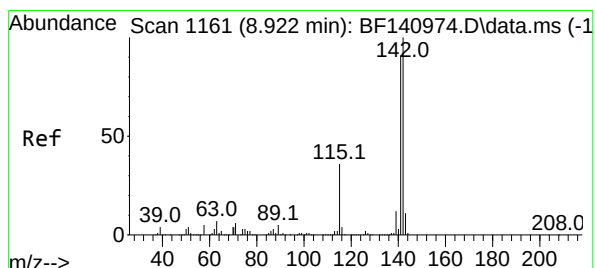
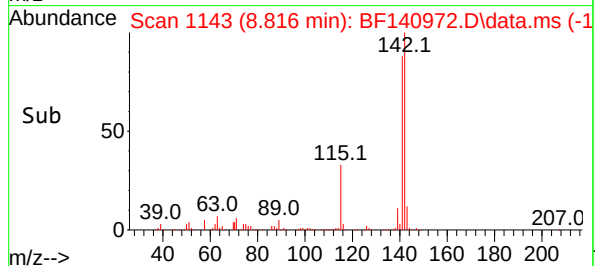
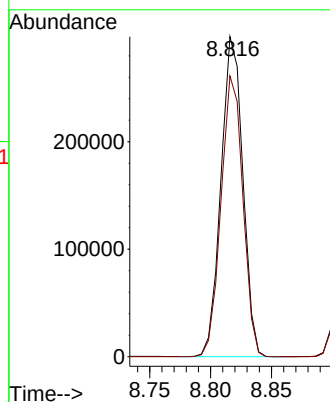
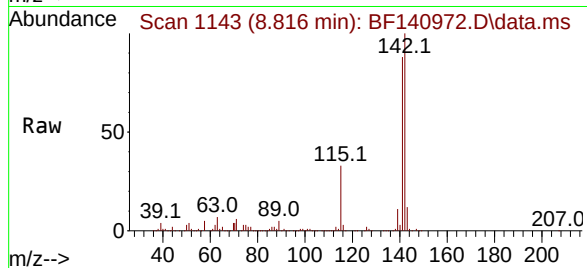
SSTDICC010

Tgt Ion:142 Resp: 372101

Ion Ratio Lower Upper

142 100

141 87.7 71.1 106.7



#38

1-Methylnaphthalene

Concen: 10.903 ng

RT: 8.916 min Scan# 1160

Delta R.T. -0.006 min

Lab File: BF140972.D

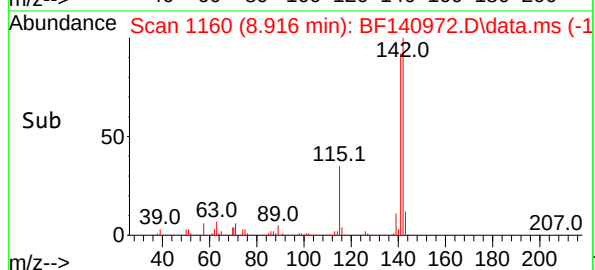
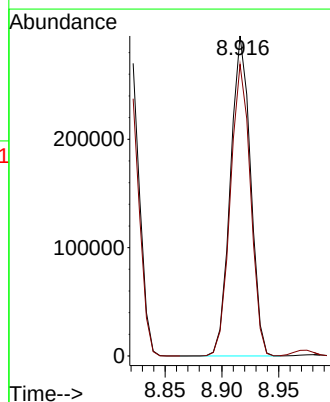
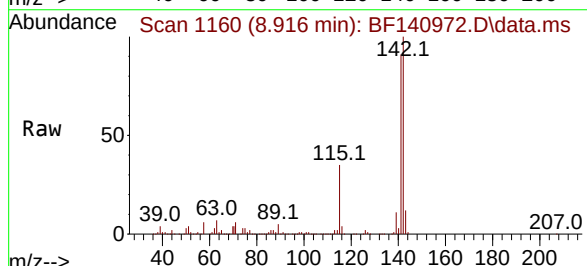
Acq: 26 Dec 2024 17:15

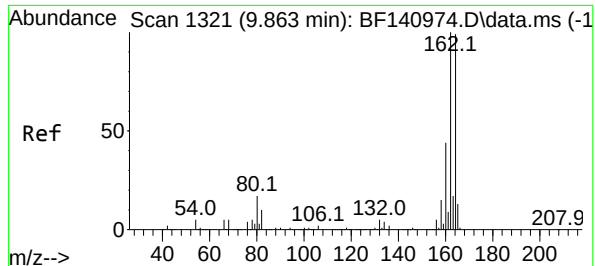
Tgt Ion:142 Resp: 363059

Ion Ratio Lower Upper

142 100

141 91.1 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140972.D

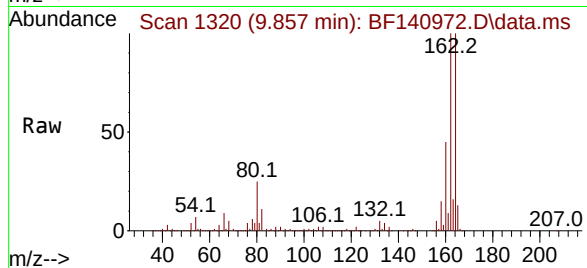
Acq: 26 Dec 2024 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



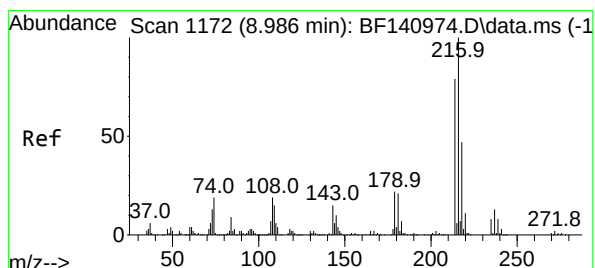
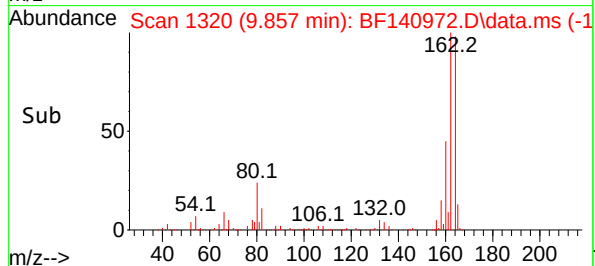
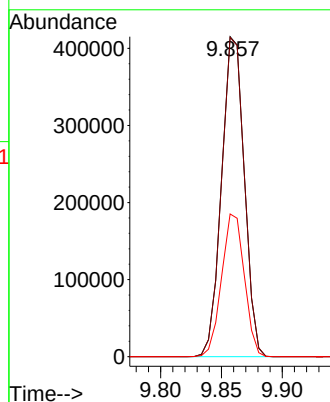
Tgt Ion:164 Resp: 539677

Ion Ratio Lower Upper

164 100

162 99.7 80.6 120.8

160 44.6 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.652 ng

RT: 8.981 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

Tgt Ion:216 Resp: 158150

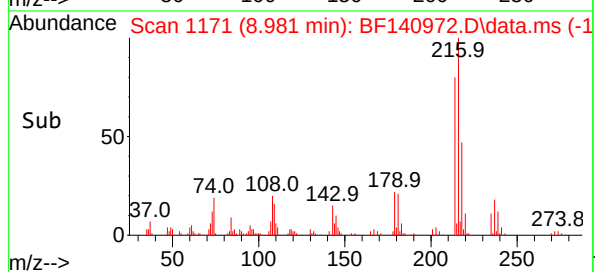
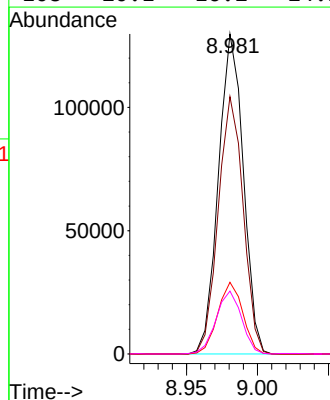
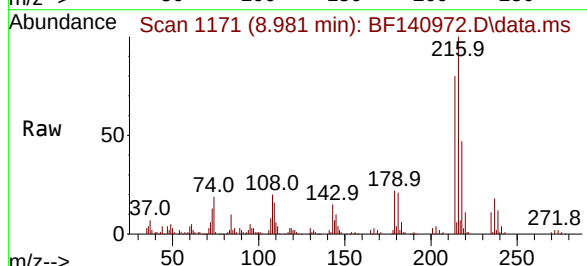
Ion Ratio Lower Upper

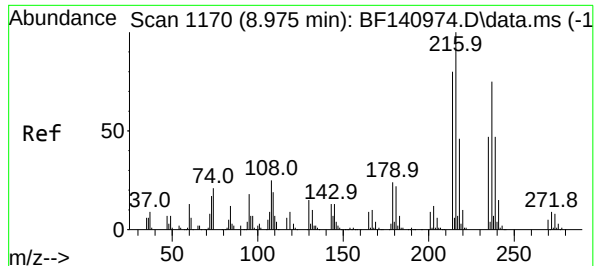
216 100

214 80.4 63.0 94.6

179 22.5 17.9 26.9

108 20.1 16.2 24.2

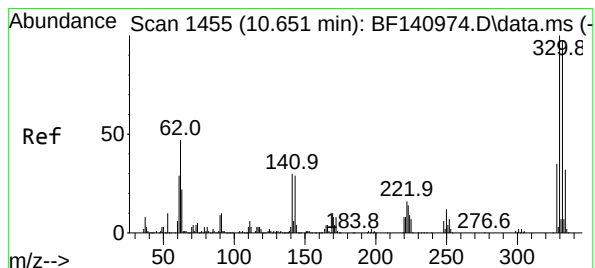
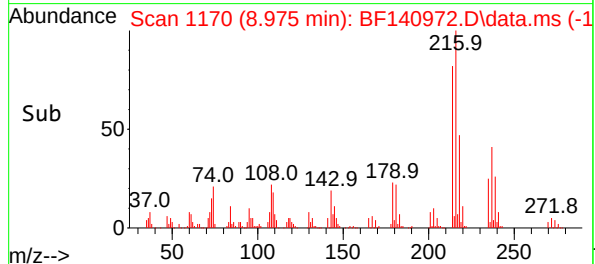
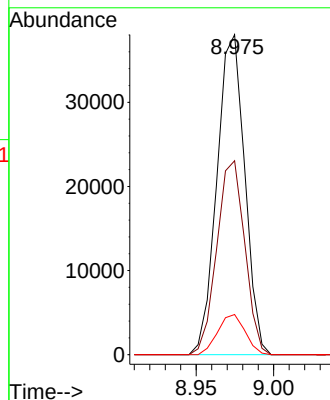
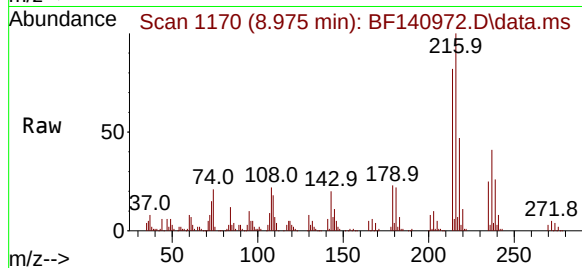




#41
Hexachlorocyclopentadiene
Concen: 9.661 ng
RT: 8.975 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

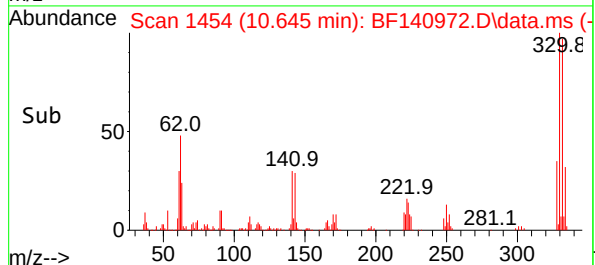
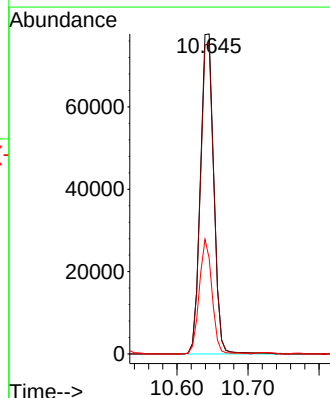
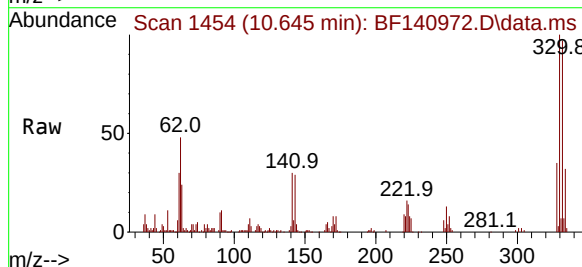
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

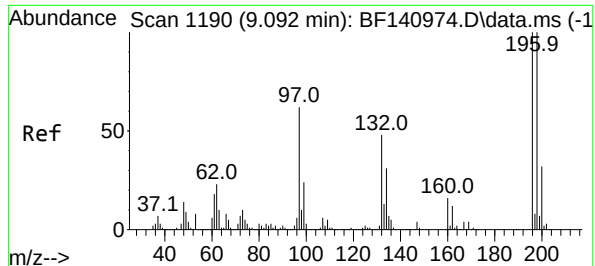
Tgt Ion: 237 Resp: 47532
Ion Ratio Lower Upper
237 100
235 60.6 43.4 83.4
272 12.6 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 19.456 ng
RT: 10.645 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

Tgt Ion: 330 Resp: 102029
Ion Ratio Lower Upper
330 100
332 97.4 78.0 117.0
141 34.1 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 9.734 ng

RT: 9.087 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF140972.D

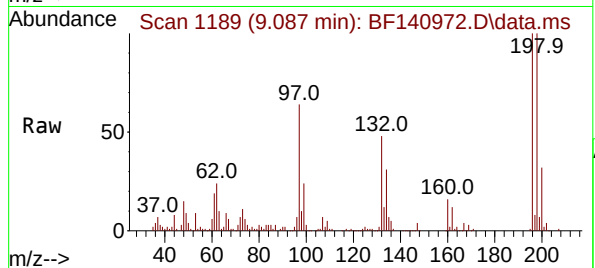
Acq: 26 Dec 2024 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC010



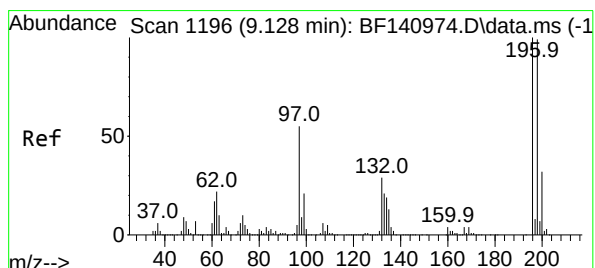
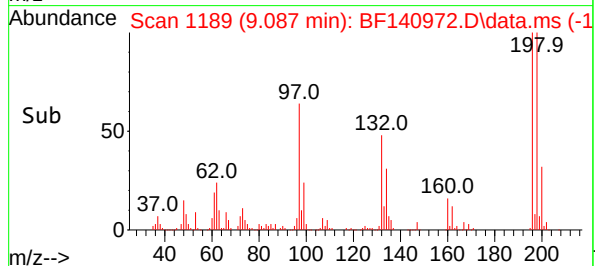
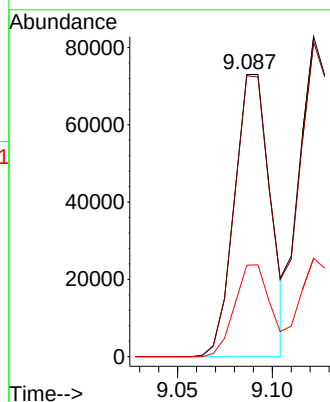
Tgt Ion:196 Resp: 96190

Ion Ratio Lower Upper

196 100

198 99.5 80.2 120.4

200 32.4 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 10.371 ng

RT: 9.122 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

Tgt Ion:196 Resp: 104859

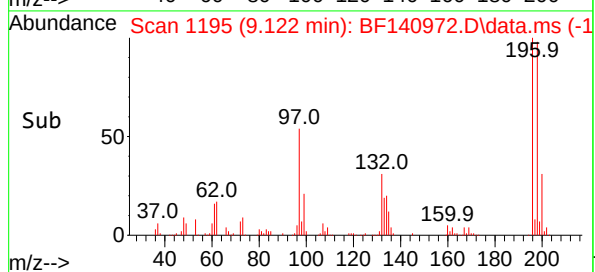
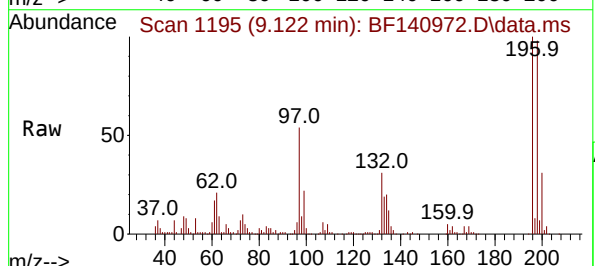
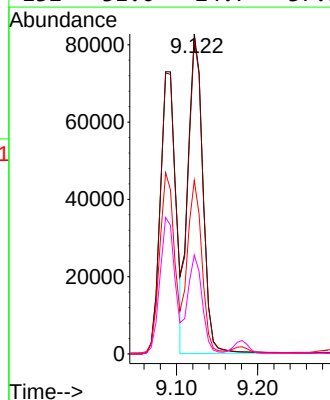
Ion Ratio Lower Upper

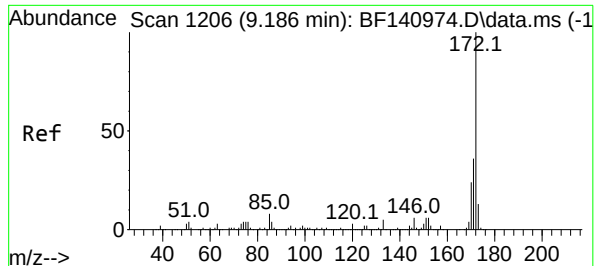
196 100

198 98.3 79.9 119.9

97 54.2 44.3 66.5

132 31.0 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 23.128 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF140972.D

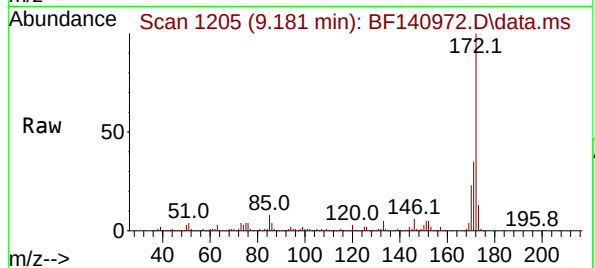
Acq: 26 Dec 2024 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



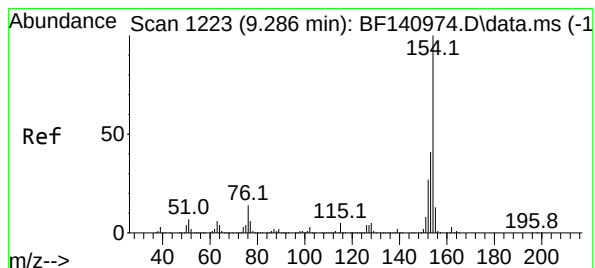
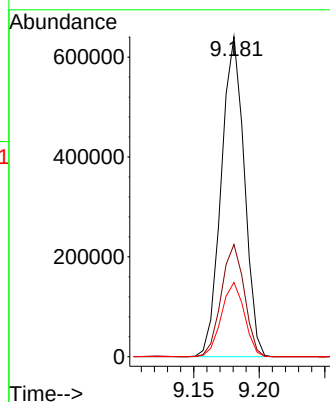
Tgt Ion:172 Resp: 783402

Ion Ratio Lower Upper

172 100

171 35.1 29.0 43.4

170 23.2 19.6 29.4



#46

1,1'-Biphenyl

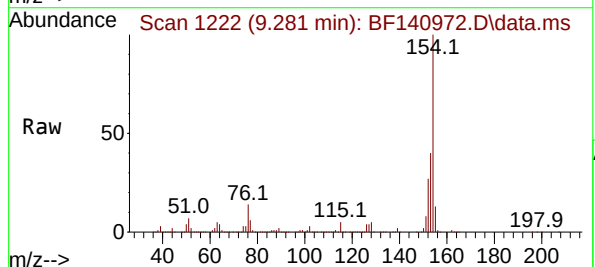
Concen: 11.074 ng

RT: 9.281 min Scan# 1222

Delta R.T. -0.005 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15



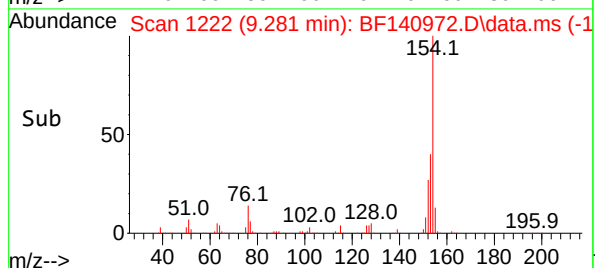
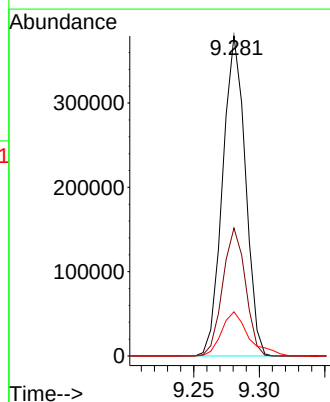
Tgt Ion:154 Resp: 457591

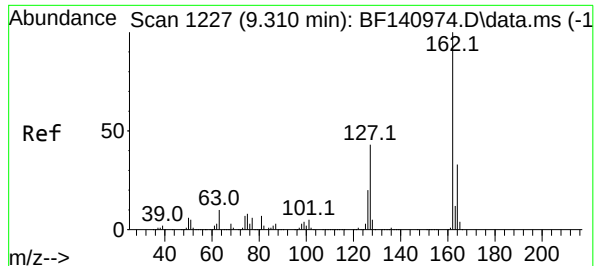
Ion Ratio Lower Upper

154 100

153 40.0 20.9 60.9

76 13.8 0.0 34.0





#47

2-Chloronaphthalene

Concen: 10.884 ng

RT: 9.304 min Scan# 1226

Delta R.T. -0.006 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

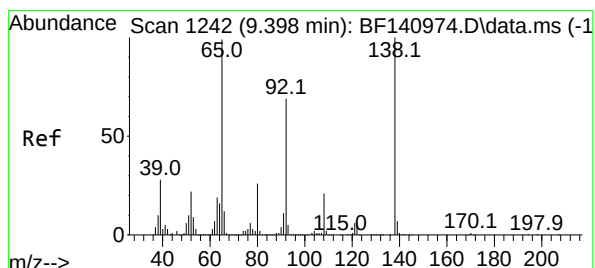
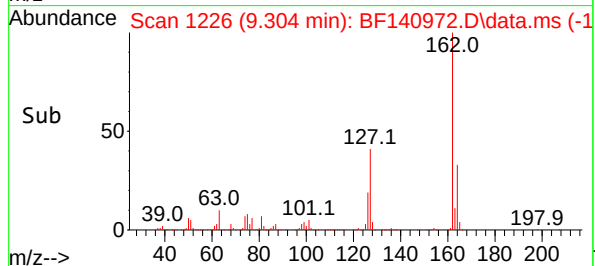
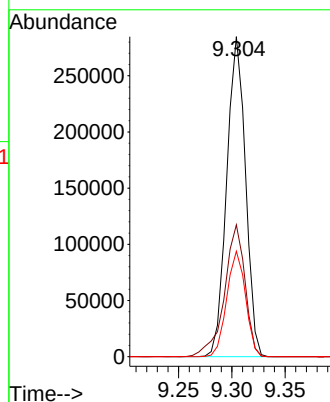
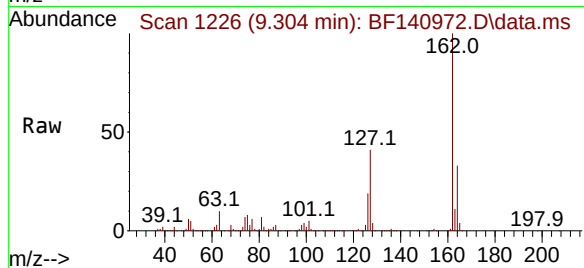
Tgt Ion:162 Resp: 348834

Ion Ratio Lower Upper

162 100

127 41.2 34.2 51.4

164 33.0 26.6 40.0



#48

2-Nitroaniline

Concen: 9.938 ng

RT: 9.392 min Scan# 1241

Delta R.T. -0.006 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

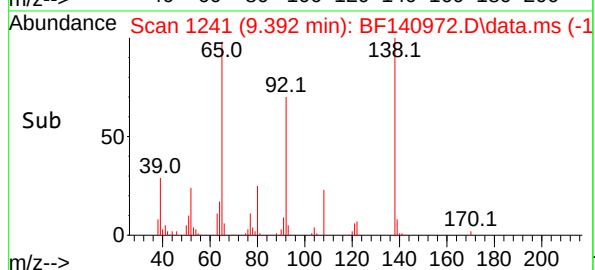
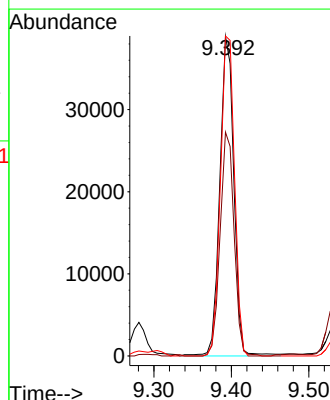
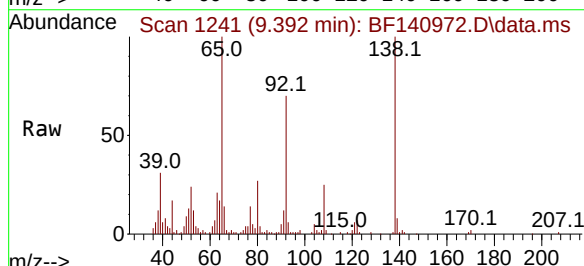
Tgt Ion: 65 Resp: 49140

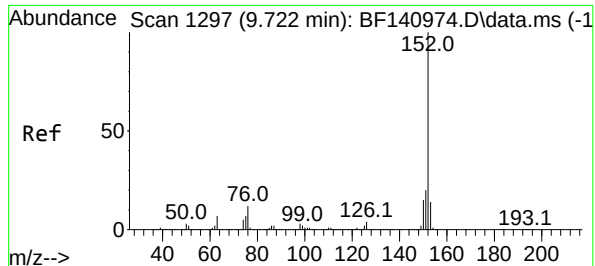
Ion Ratio Lower Upper

65 100

92 70.0 55.6 83.4

138 100.1 80.5 120.7





#49

Acenaphthylene

Concen: 10.933 ng

RT: 9.722 min Scan# 1297

Delta R.T. -0.000 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

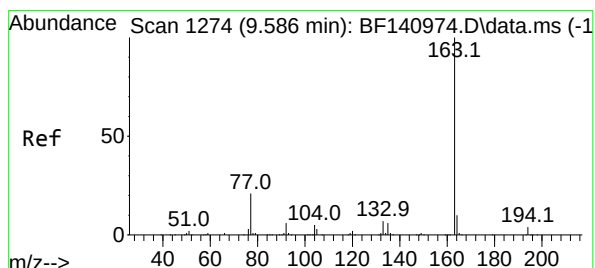
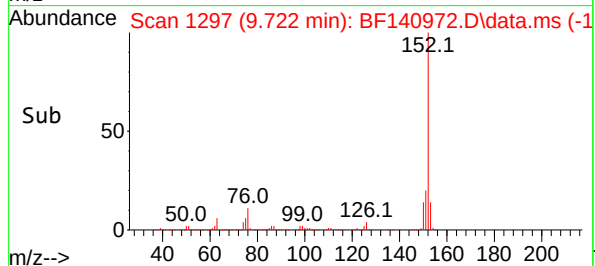
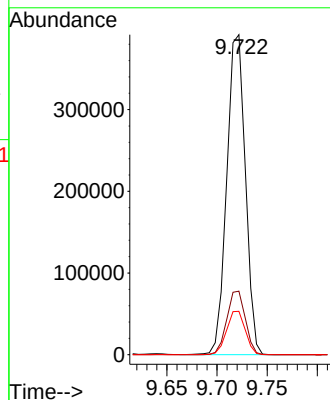
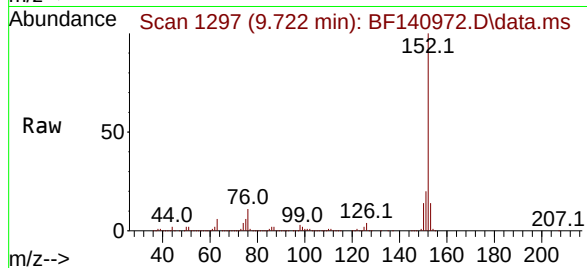
Tgt Ion:152 Resp: 504423

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.4

153 13.6 11.4 17.0



#50

Dimethylphthalate

Concen: 10.746 ng

RT: 9.575 min Scan# 1272

Delta R.T. -0.011 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

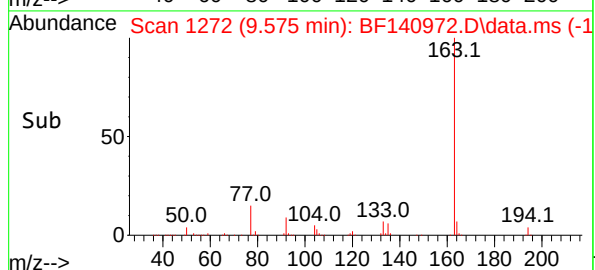
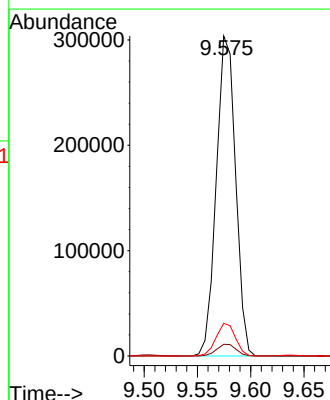
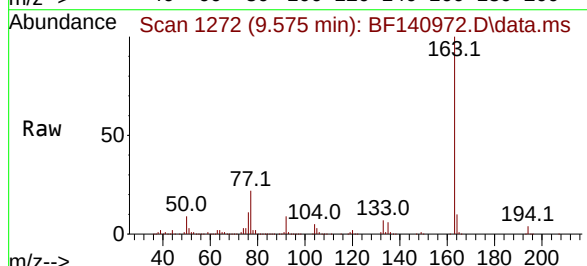
Tgt Ion:163 Resp: 381476

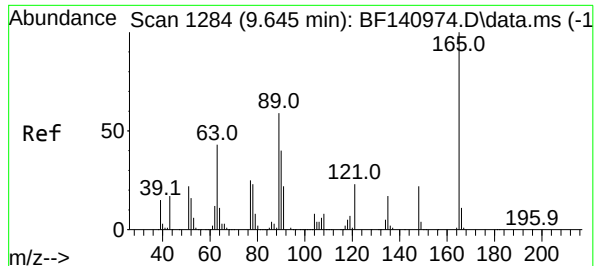
Ion Ratio Lower Upper

163 100

194 3.6 3.1 4.7

164 10.2 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 9.624 ng

RT: 9.639 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

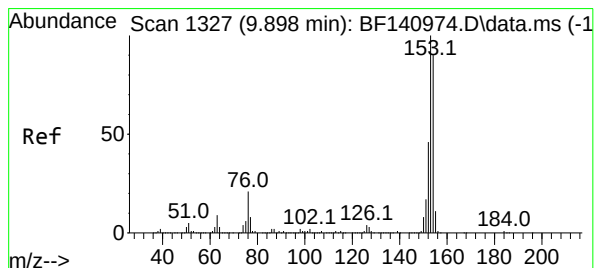
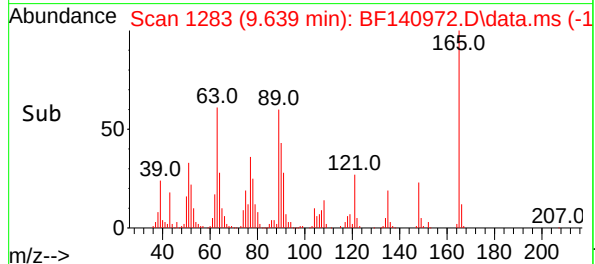
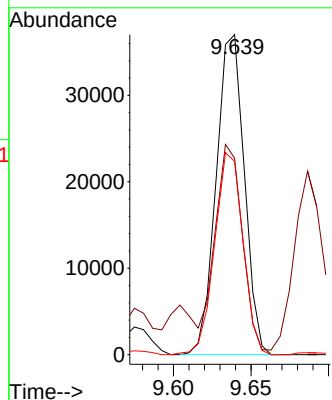
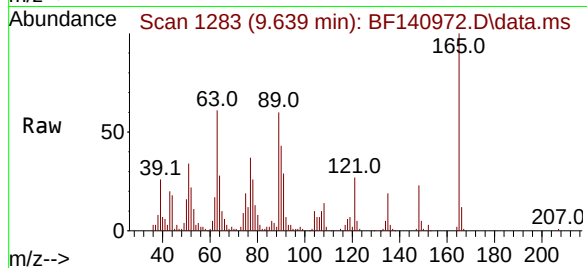
Tgt Ion:165 Resp: 46772

Ion Ratio Lower Upper

165 100

63 61.4 47.1 70.7

89 60.4 47.0 70.4



#52

Acenaphthene

Concen: 10.729 ng

RT: 9.892 min Scan# 1326

Delta R.T. -0.006 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

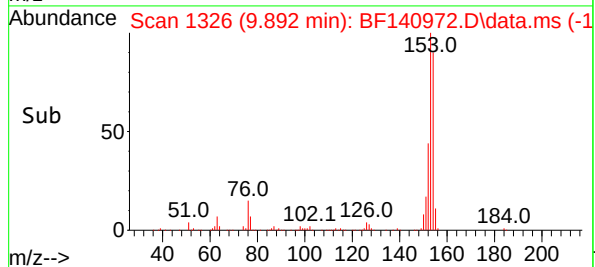
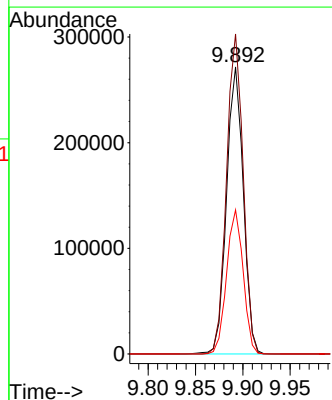
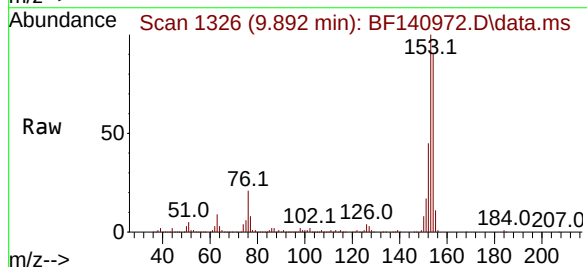
Tgt Ion:154 Resp: 334623

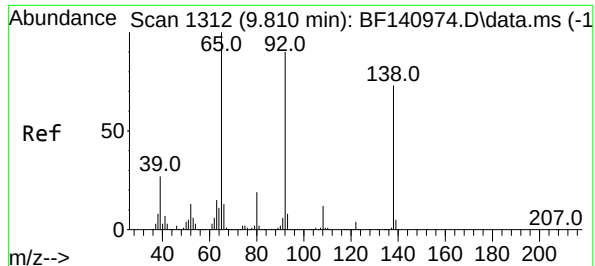
Ion Ratio Lower Upper

154 100

153 111.5 89.2 133.8

152 50.2 40.9 61.3

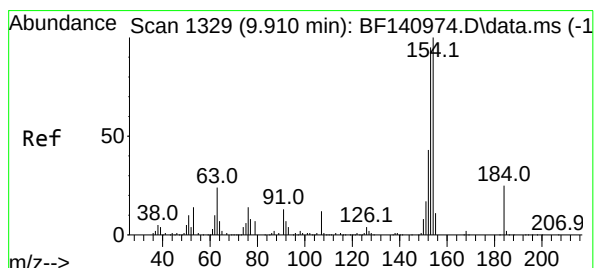
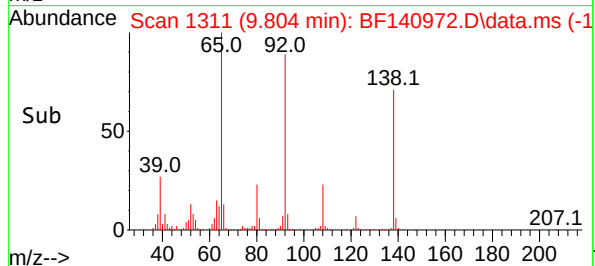
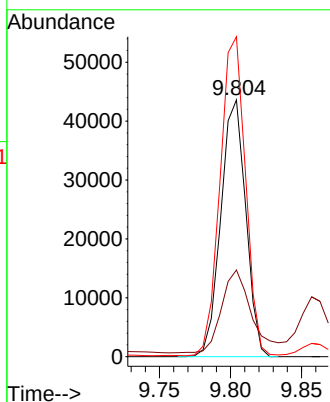
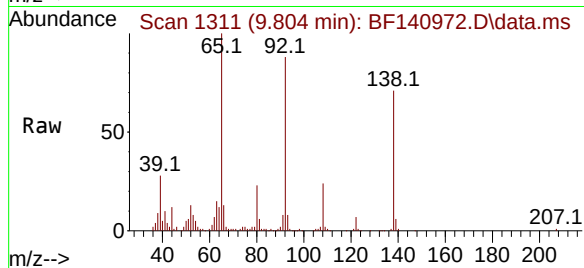




#53
3-Nitroaniline
Concen: 9.568 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

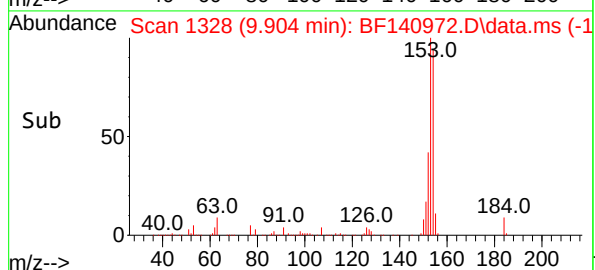
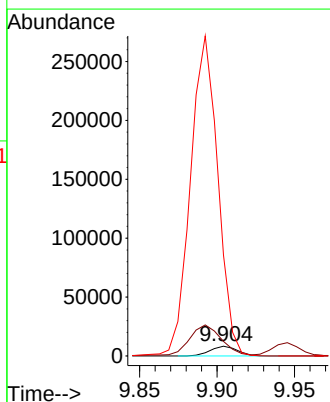
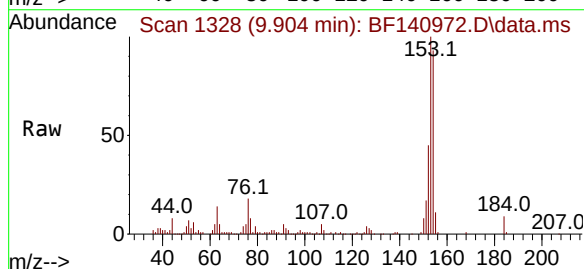
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

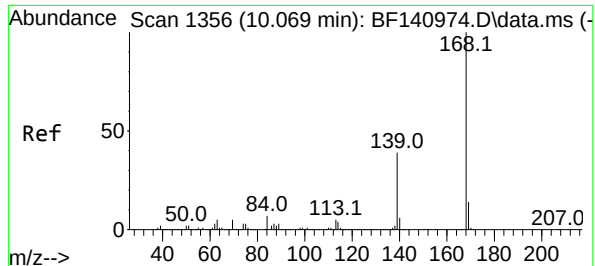
Tgt Ion:138 Resp: 53244
Ion Ratio Lower Upper
138 100
108 33.8 13.5 20.3#
92 124.6 97.7 146.5



#54
2,4-Dinitrophenol
Concen: 11.150 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

Tgt Ion:184 Resp: 10078
Ion Ratio Lower Upper
184 100
63 150.3 81.6 122.4#
154 1038.6 363.5 545.3#





#55

Dibenzenofuran

Concen: 10.959 ng

RT: 10.063 min Scan# 1356

Delta R.T. -0.006 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

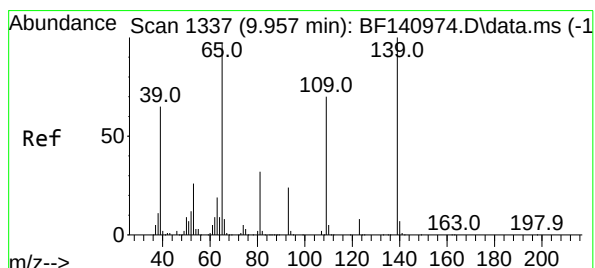
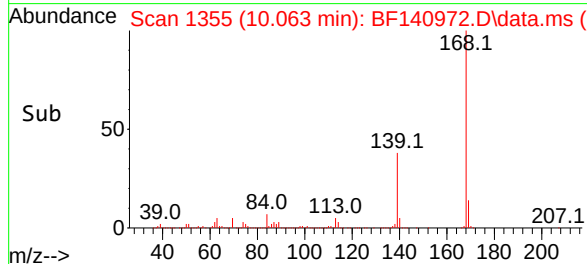
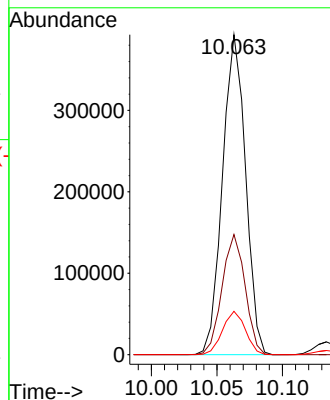
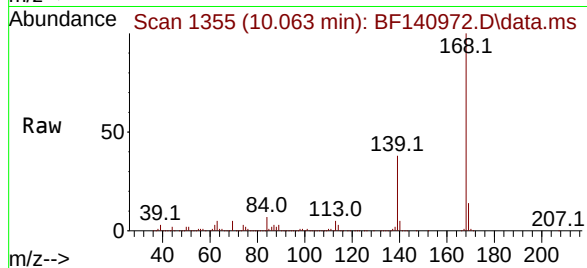
Tgt Ion:168 Resp: 480351

Ion Ratio Lower Upper

168 100

139 37.5 31.6 47.4

169 13.5 11.0 16.6



#56

4-Nitrophenol

Concen: 7.370 ng

RT: 9.945 min Scan# 1335

Delta R.T. -0.012 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

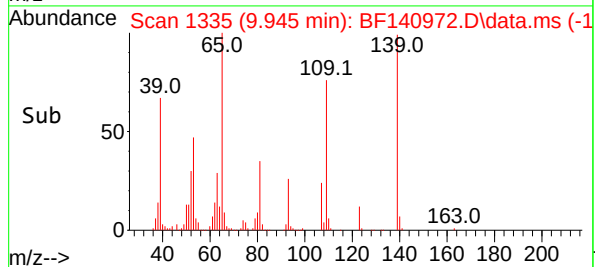
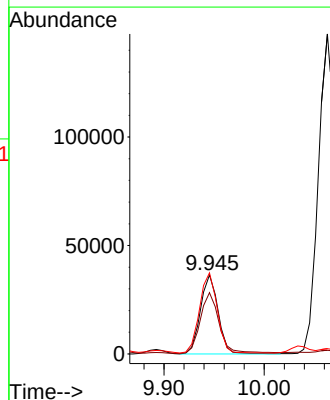
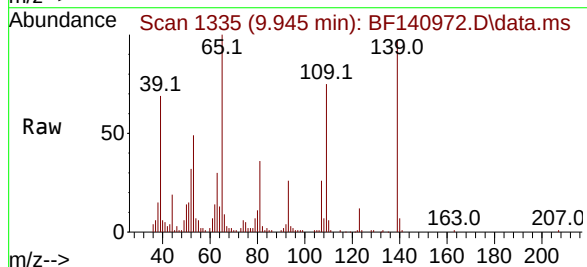
Tgt Ion:139 Resp: 44755

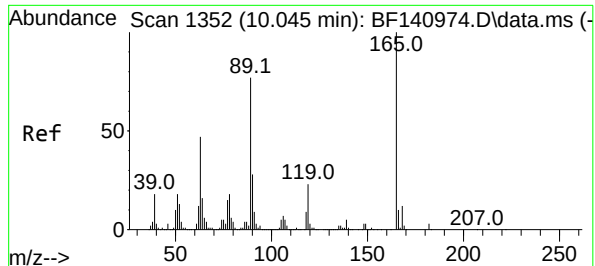
Ion Ratio Lower Upper

139 100

109 77.5 50.8 90.8

65 102.7 78.5 118.5





#57

2,4-Dinitrotoluene

Concen: 9.654 ng

RT: 10.034 min Scan# 11

Delta R.T. -0.011 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:165 Resp: 50385

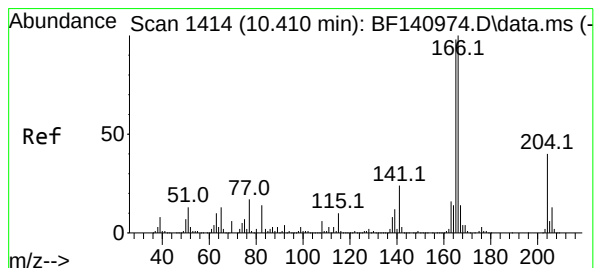
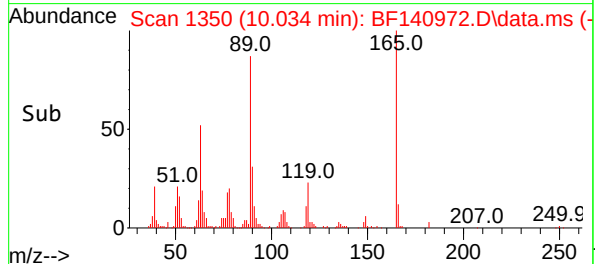
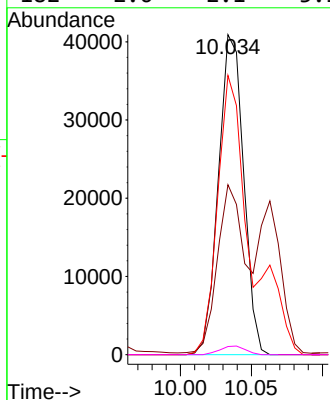
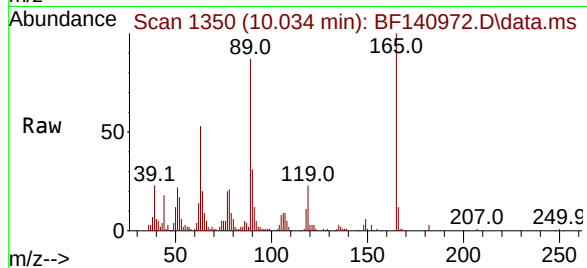
Ion Ratio Lower Upper

165 100

63 53.1 38.1 57.1

89 87.3 61.4 92.2

182 2.6 2.1 3.1



#58

Fluorene

Concen: 11.369 ng

RT: 10.404 min Scan# 1413

Delta R.T. -0.006 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

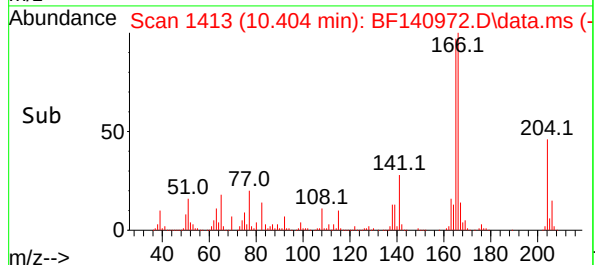
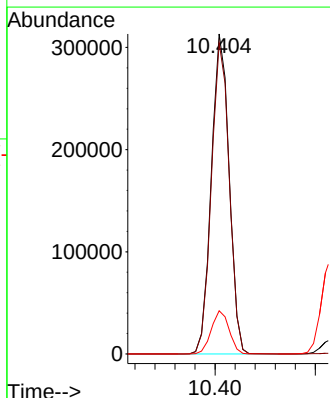
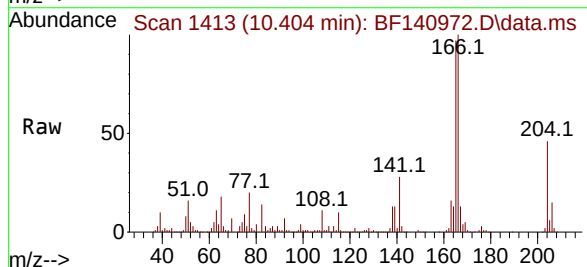
Tgt Ion:166 Resp: 386427

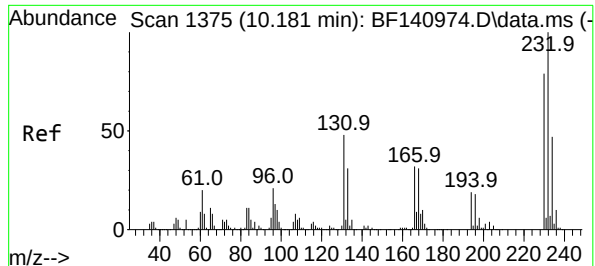
Ion Ratio Lower Upper

166 100

165 97.3 78.3 117.5

167 13.5 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 9.765 ng

RT: 10.175 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:232 Resp: 81766

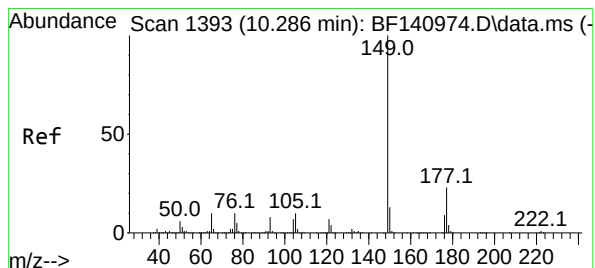
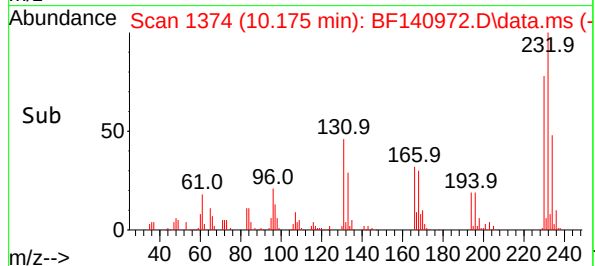
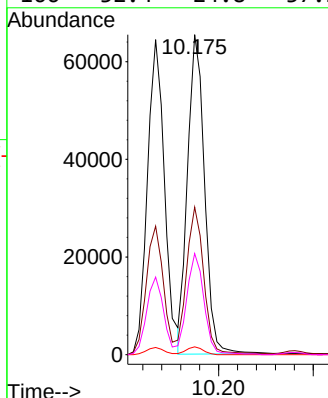
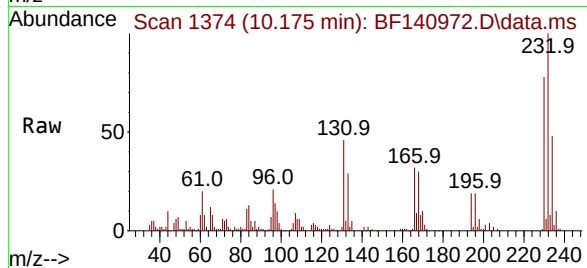
Ion Ratio Lower Upper

232 100

131 47.4 37.4 56.2

130 2.5 1.8 2.8

166 32.4 24.8 37.2



#60

Diethylphthalate

Concen: 10.675 ng

RT: 10.281 min Scan# 1392

Delta R.T. -0.006 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

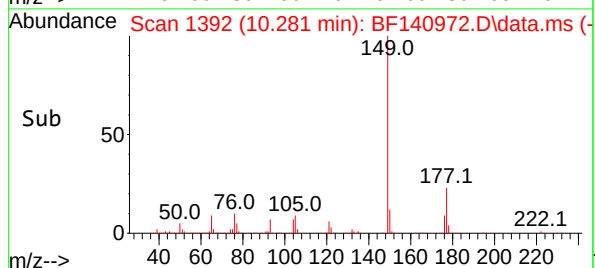
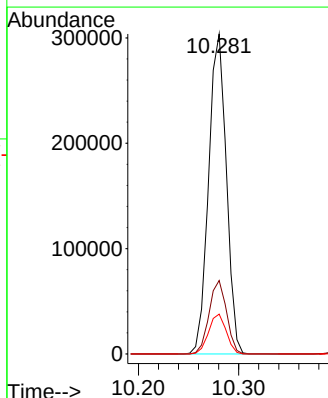
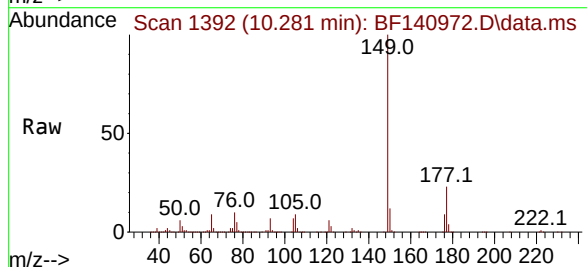
Tgt Ion:149 Resp: 374095

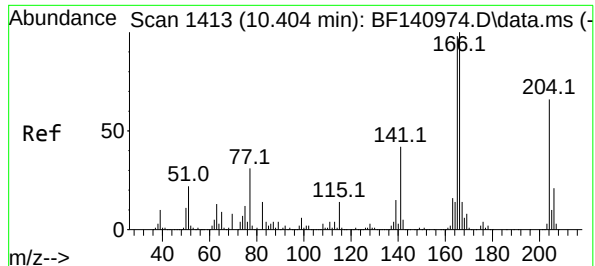
Ion Ratio Lower Upper

149 100

177 22.9 18.3 27.5

150 12.4 10.4 15.6

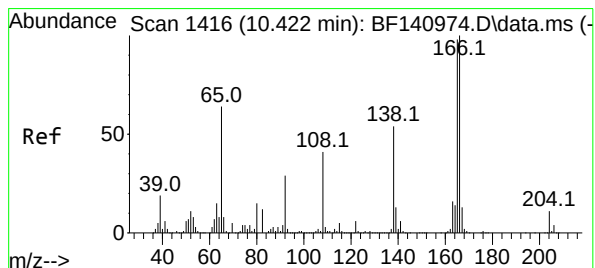
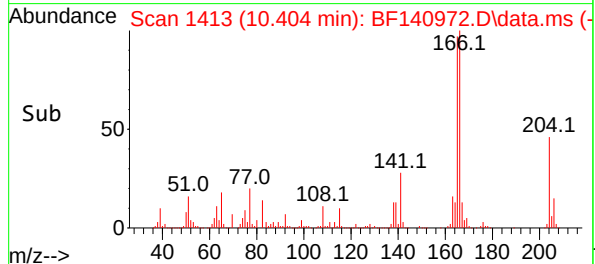
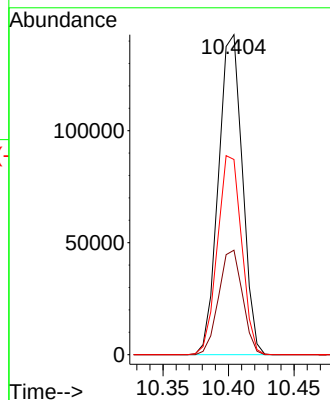
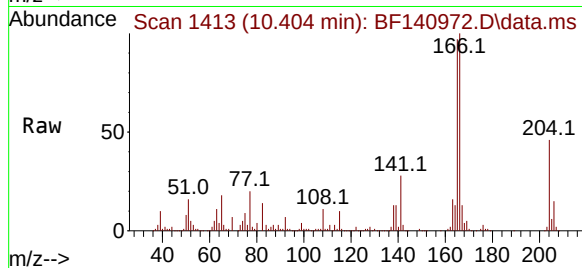




#61
4-Chlorophenyl-phenylether
Concen: 11.109 ng
RT: 10.404 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

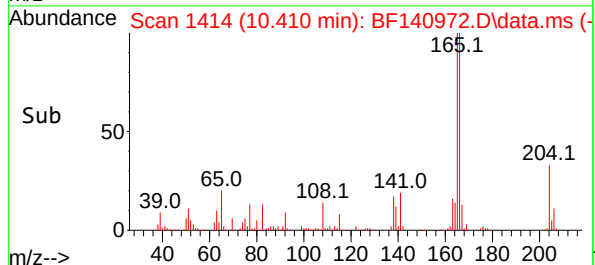
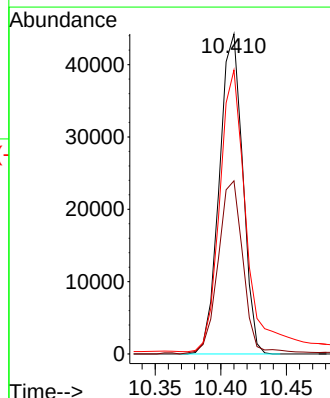
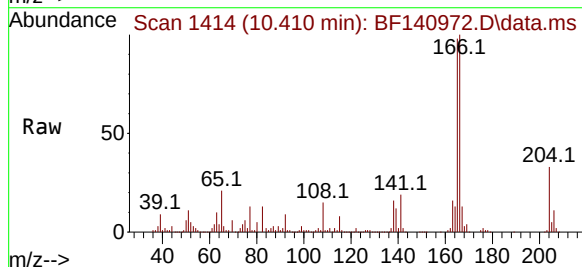
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

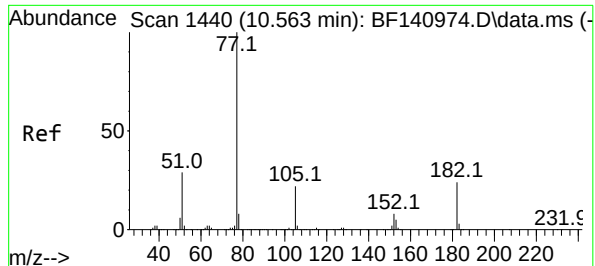
Tgt Ion:204 Resp: 181693
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.6
141 61.0 51.2 76.8



#62
4-Nitroaniline
Concen: 9.821 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

Tgt Ion:138 Resp: 54741
Ion Ratio Lower Upper
138 100
92 54.1 34.8 74.8
108 88.7 55.9 95.9

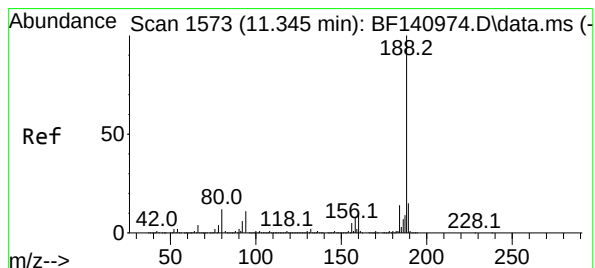
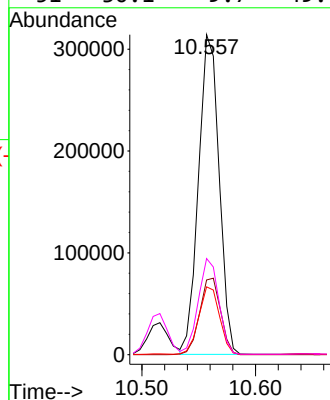
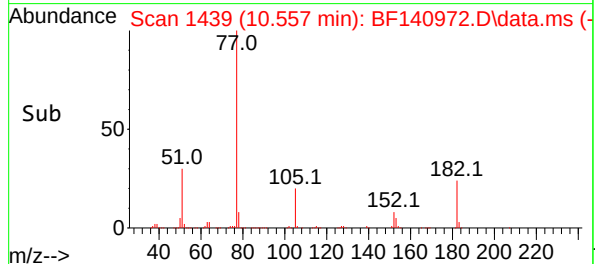
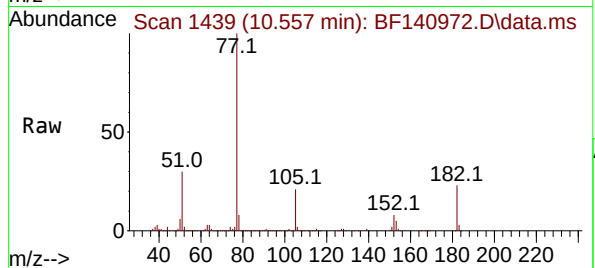




#63
Azobenzene
Concen: 10.749 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

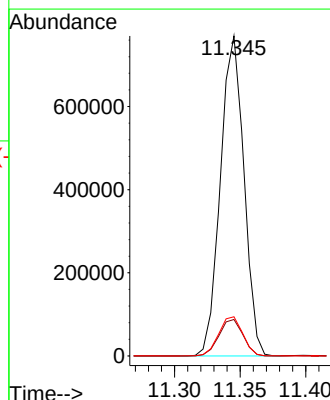
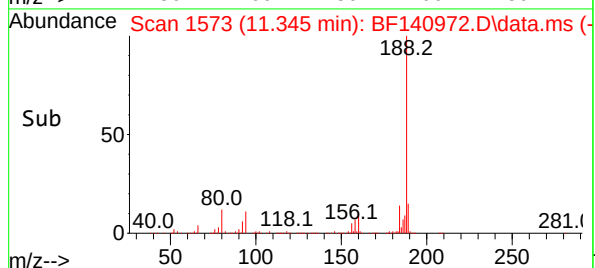
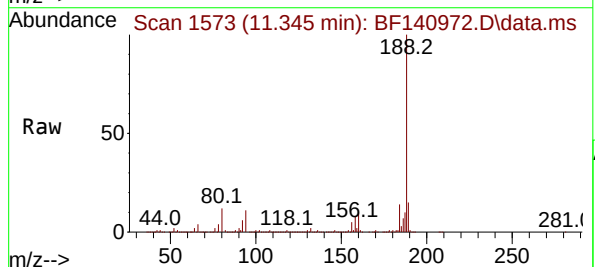
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

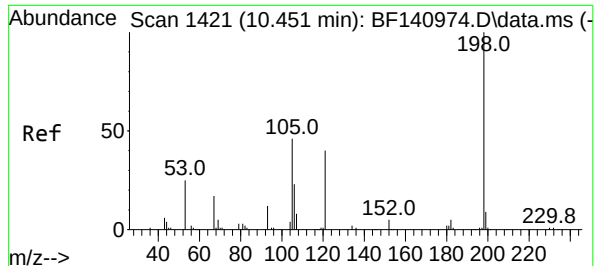
Tgt Ion:	77	Resp:	395397
Ion	Ratio	Lower	Upper
77	100		
182	23.4	4.1	44.1
105	21.2	1.8	41.8
51	30.1	9.7	49.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

Tgt Ion:	188	Resp:	960019
Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.0	13.6
80	12.2	9.8	14.6

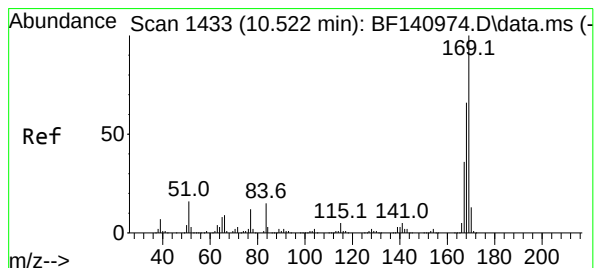
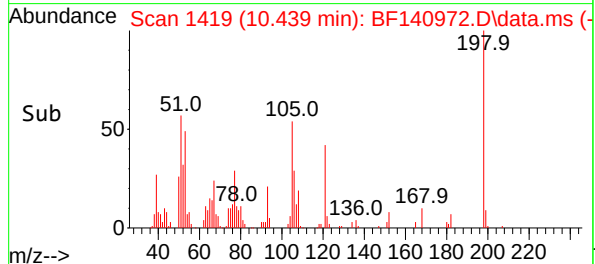
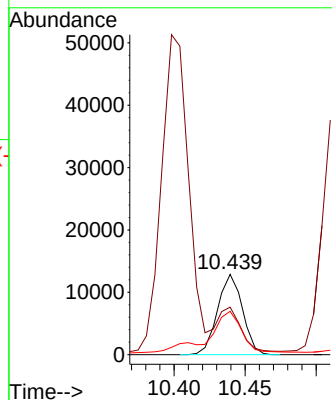
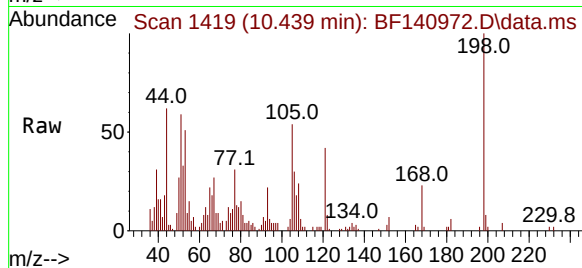




#65
4,6-Dinitro-2-methylphenol
Concen: 12.644 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

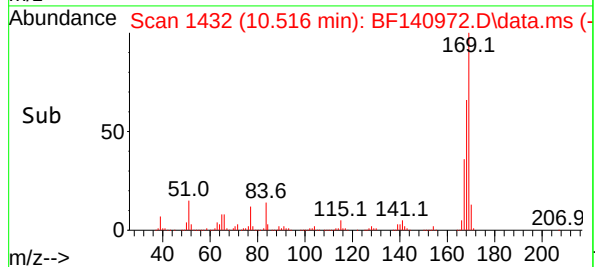
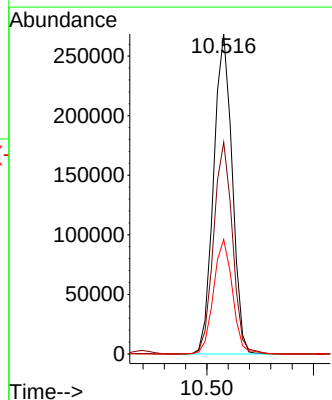
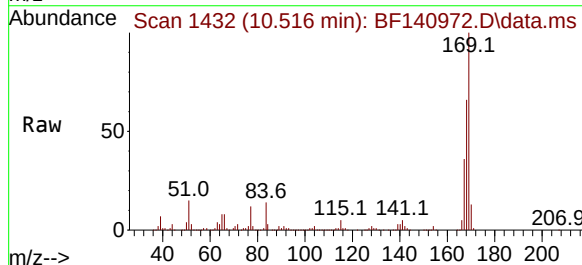
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

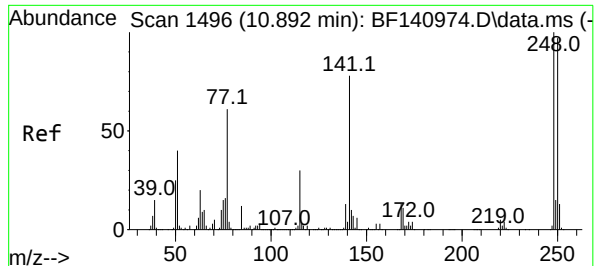
Tgt Ion:198 Resp: 15689
Ion Ratio Lower Upper
198 100
51 59.0 32.3 72.3
105 54.0 28.4 68.4



#66
n-Nitrosodiphenylamine
Concen: 10.725 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

Tgt Ion:169 Resp: 324220
Ion Ratio Lower Upper
169 100
168 66.2 52.6 79.0
167 35.8 29.0 43.4

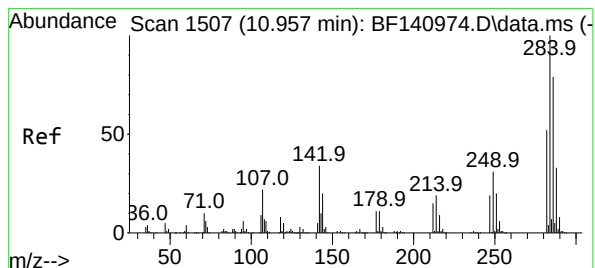
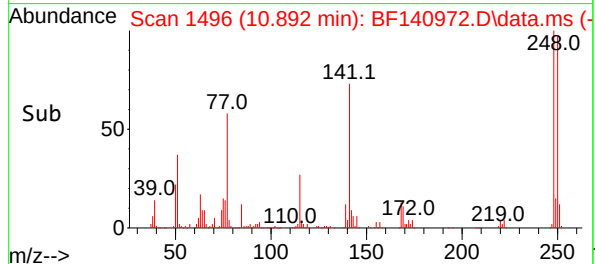
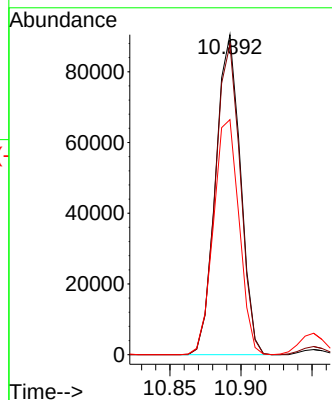
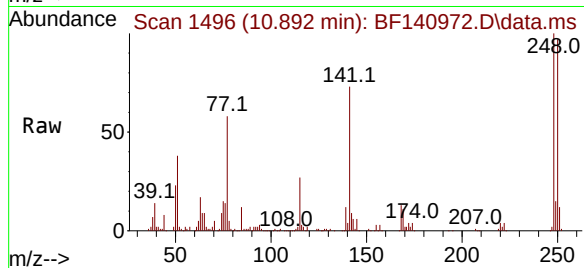




#67
4-Bromophenyl-phenylether
Concen: 10.604 ng
RT: 10.892 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

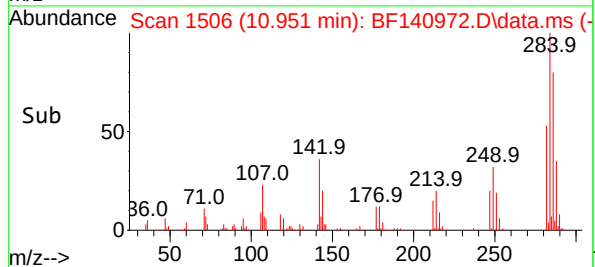
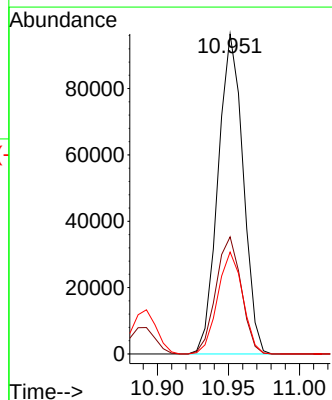
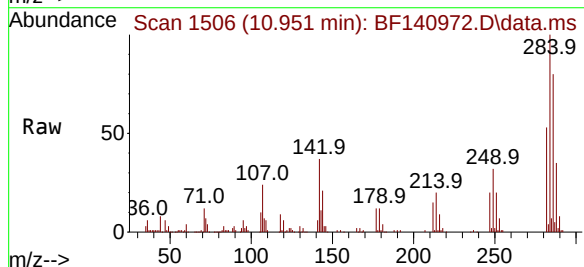
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

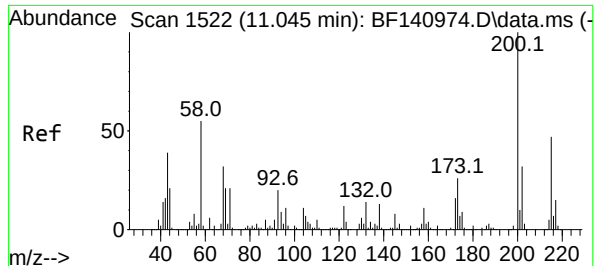
Tgt Ion:248 Resp: 110052
Ion Ratio Lower Upper
248 100
250 97.0 77.7 116.5
141 73.4 62.1 93.1



#68
Hexachlorobenzene
Concen: 10.343 ng
RT: 10.951 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

Tgt Ion:284 Resp: 118361
Ion Ratio Lower Upper
284 100
142 36.6 27.1 40.7
249 31.8 25.1 37.7





#69

Atrazine

Concen: 11.639 ng

RT: 11.039 min Scan# 1521

Delta R.T. -0.006 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

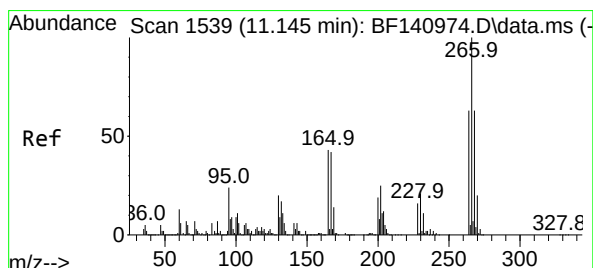
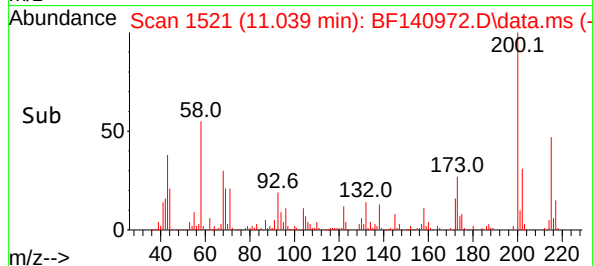
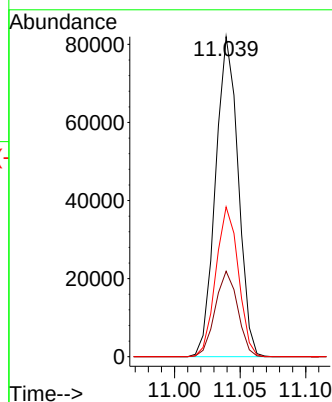
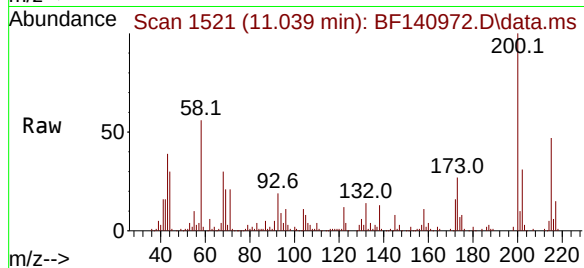
Tgt Ion:200 Resp: 98299

Ion Ratio Lower Upper

200 100

173 26.7 6.4 46.4

215 46.8 27.2 67.2



#70

Pentachlorophenol

Concen: 9.254 ng

RT: 11.139 min Scan# 1538

Delta R.T. -0.006 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

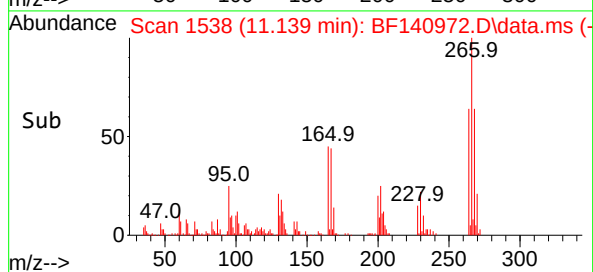
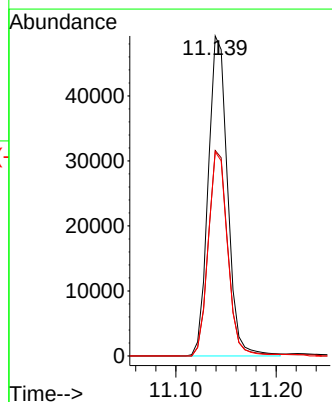
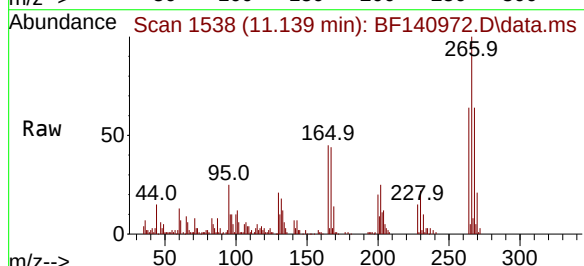
Tgt Ion:266 Resp: 65934

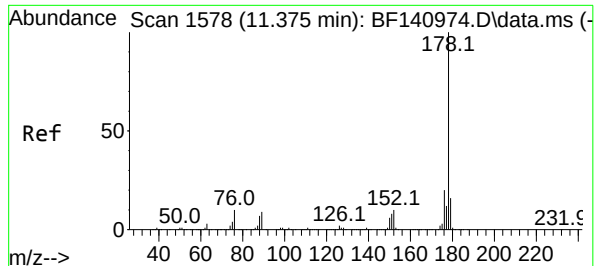
Ion Ratio Lower Upper

266 100

268 64.2 50.5 75.7

264 63.8 50.2 75.4





#71

Phenanthrene

Concen: 11.091 ng

RT: 11.369 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

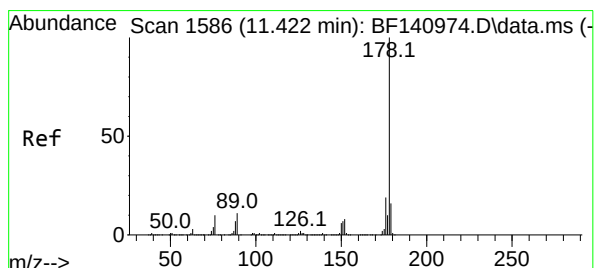
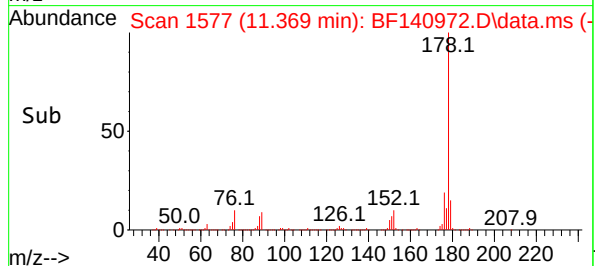
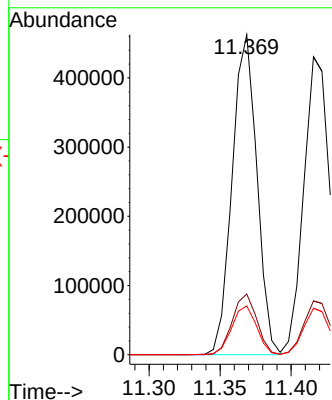
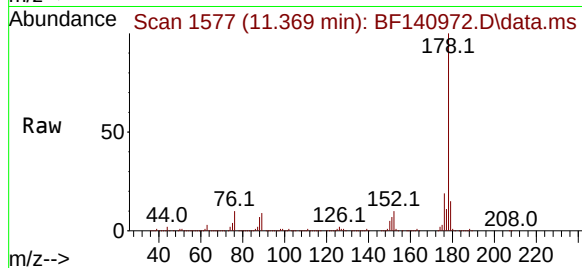
Tgt Ion:178 Resp: 560414

Ion Ratio Lower Upper

178 100

176 18.9 15.8 23.6

179 15.2 12.6 19.0



#72

Anthracene

Concen: 11.016 ng

RT: 11.416 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

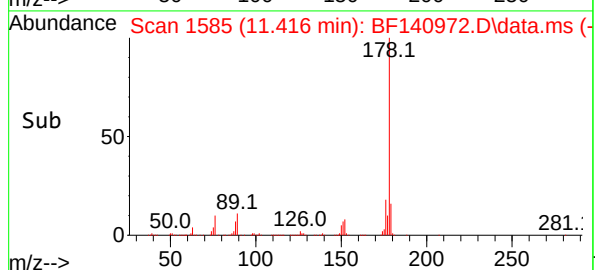
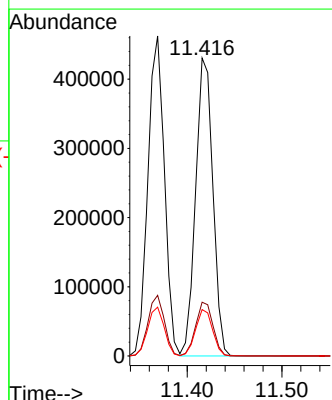
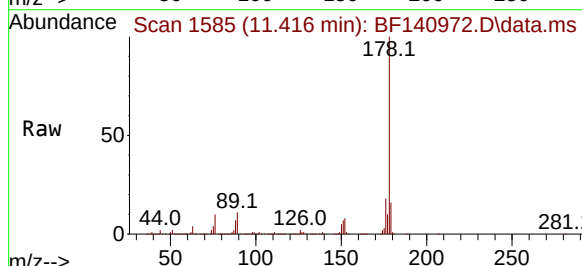
Tgt Ion:178 Resp: 545401

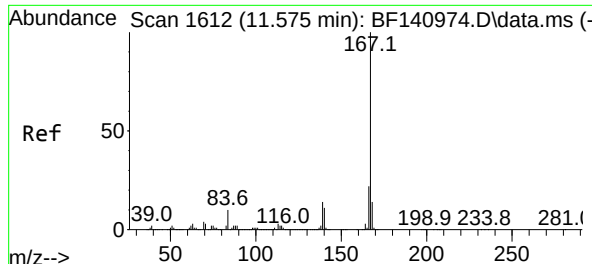
Ion Ratio Lower Upper

178 100

176 18.1 15.3 22.9

179 15.6 12.9 19.3

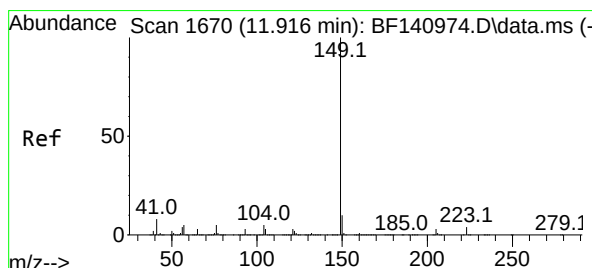
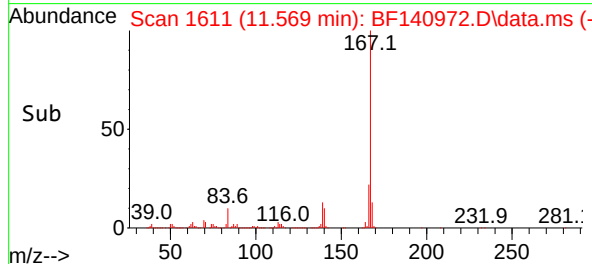
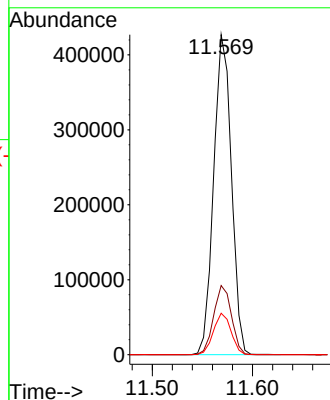
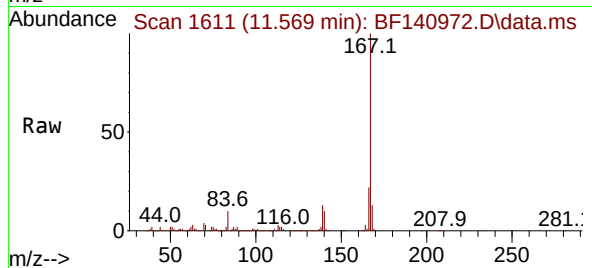




#73
Carbazole
Concen: 11.028 ng
RT: 11.569 min Scan# 1612
Delta R.T. -0.006 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

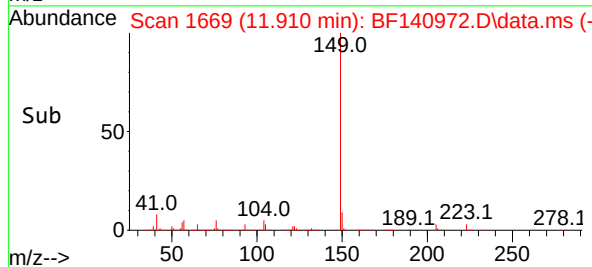
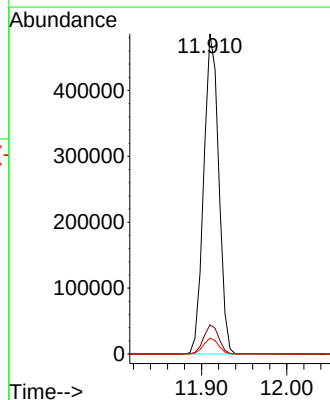
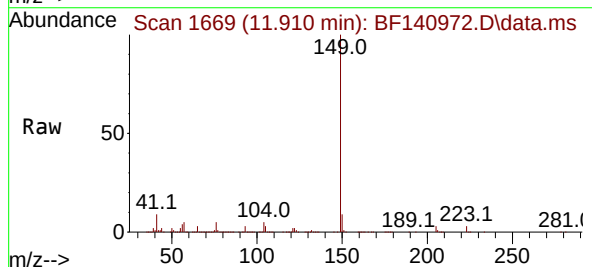
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

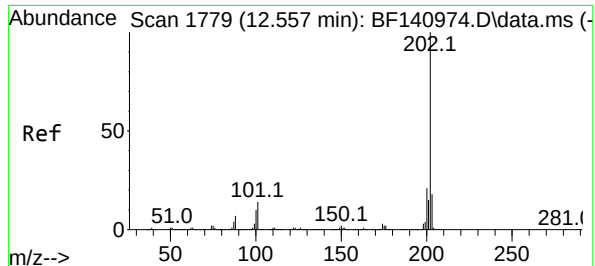
Tgt Ion:167 Resp: 524879
Ion Ratio Lower Upper
167 100
166 21.6 17.5 26.3
139 12.9 11.0 16.4



#74
Di-n-butylphthalate
Concen: 10.981 ng
RT: 11.910 min Scan# 1669
Delta R.T. -0.006 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

Tgt Ion:149 Resp: 594457
Ion Ratio Lower Upper
149 100
150 9.1 7.7 11.5
104 4.9 4.1 6.1

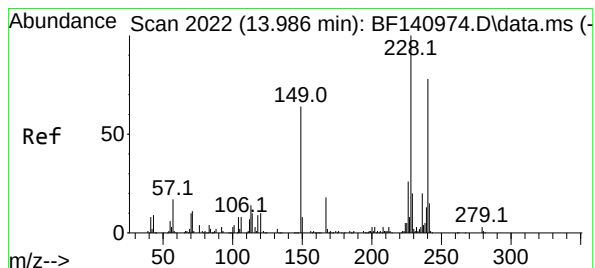
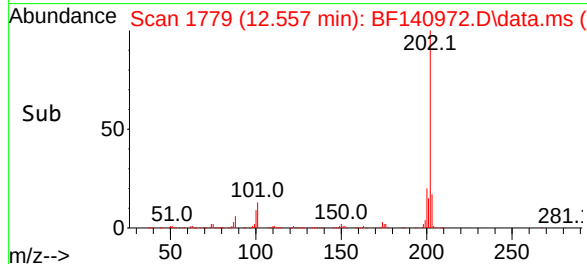
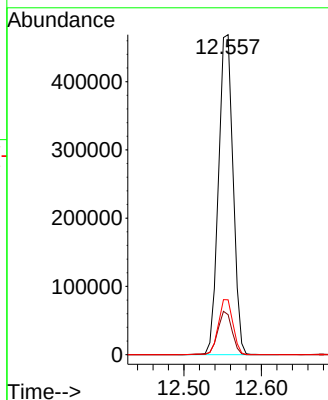
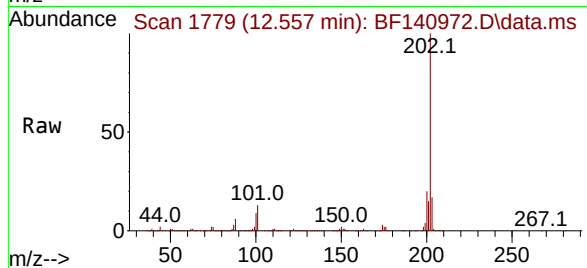




#75
Fluoranthene
Concen: 11.163 ng
RT: 12.557 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

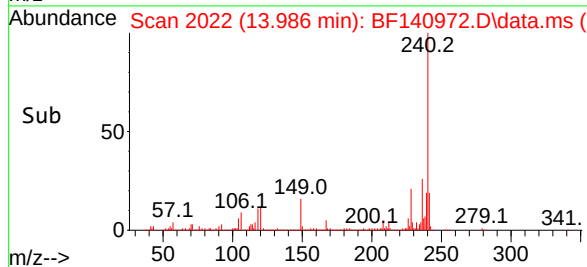
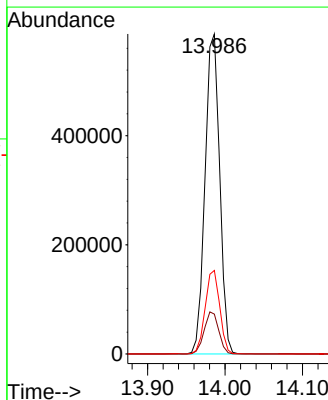
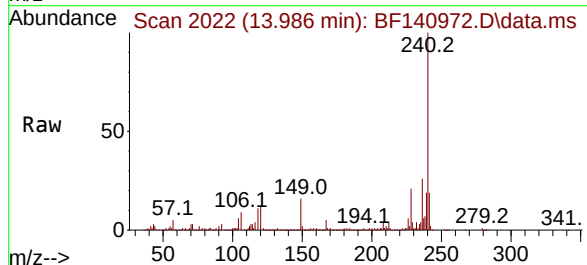
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

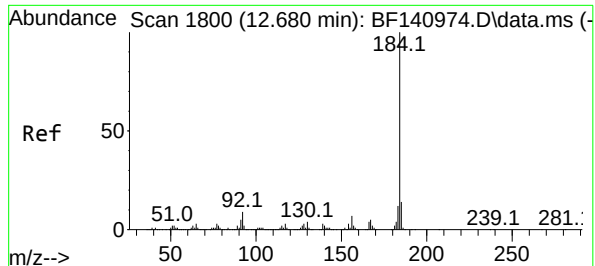
Tgt Ion:202 Resp: 611729
Ion Ratio Lower Upper
202 100
101 12.5 0.0 33.7
203 17.1 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

Tgt Ion:240 Resp: 769052
Ion Ratio Lower Upper
240 100
120 12.4 10.7 16.1
236 26.1 20.6 31.0

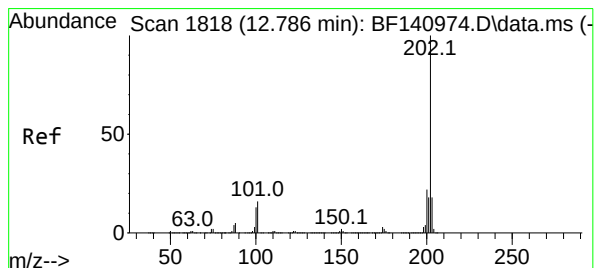
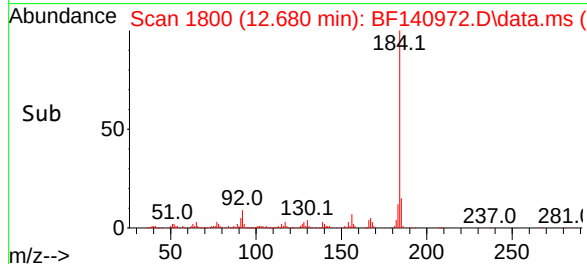
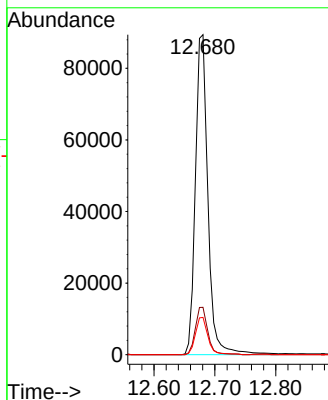
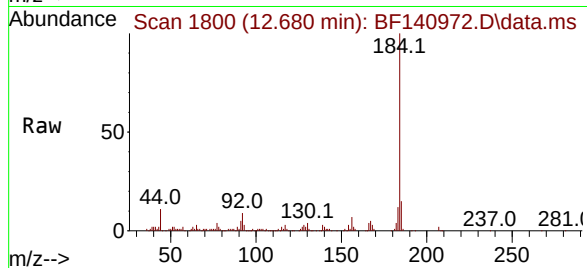




#77
Benzidine
Concen: 7.873 ng
RT: 12.680 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

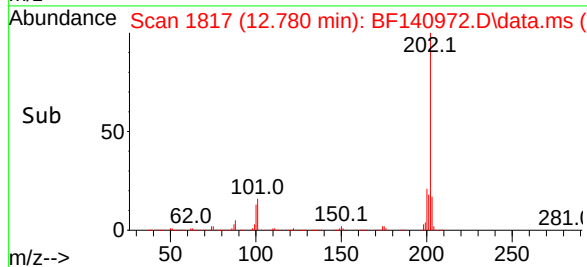
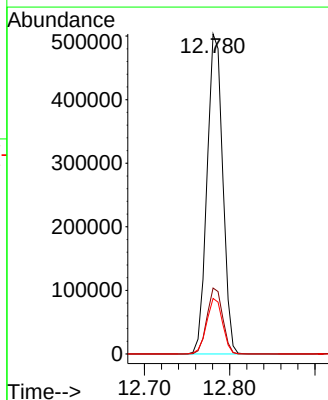
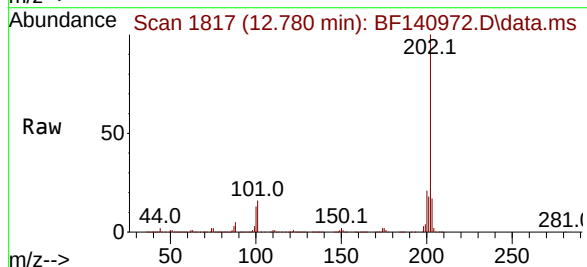
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

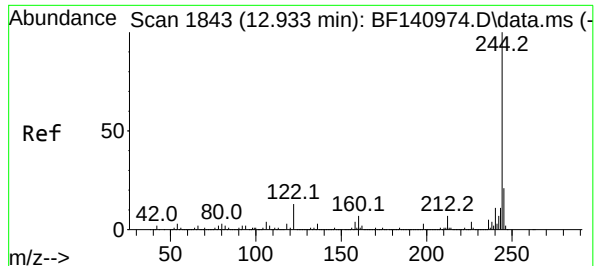
Tgt Ion:184 Resp: 127969
Ion Ratio Lower Upper
184 100
185 14.8 11.4 17.2
183 11.6 9.4 14.0



#78
Pyrene
Concen: 9.549 ng
RT: 12.780 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

Tgt Ion:202 Resp: 642229
Ion Ratio Lower Upper
202 100
200 20.6 17.3 25.9
203 17.3 14.6 21.8

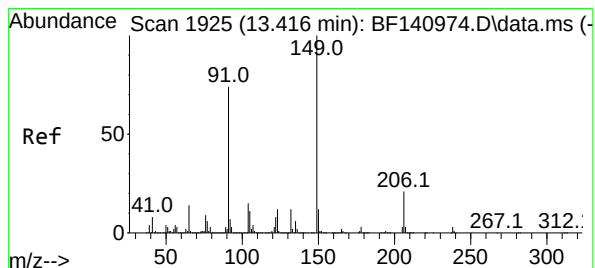
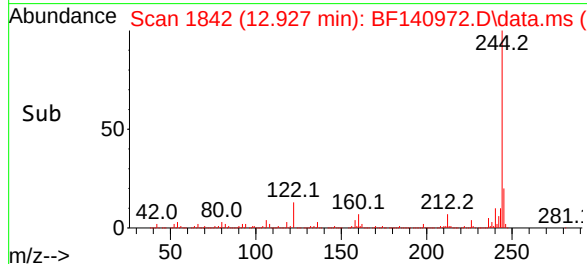
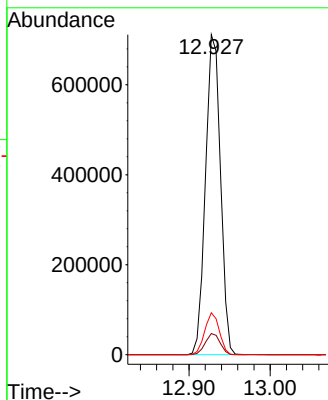
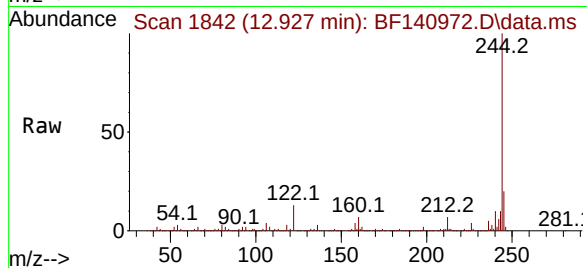




#79
Terphenyl-d14
Concen: 19.616 ng
RT: 12.927 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

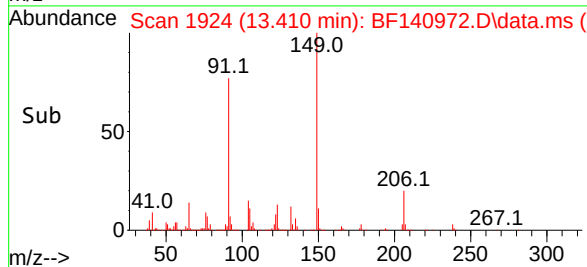
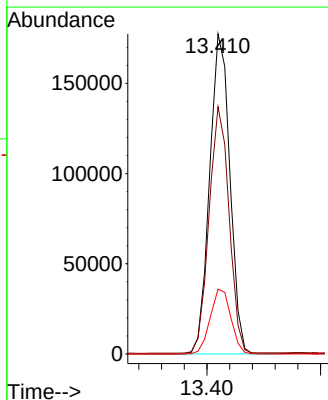
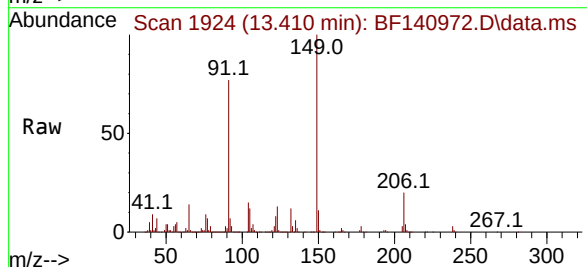
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

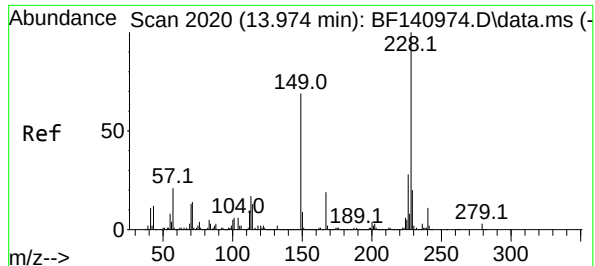
Tgt Ion:244 Resp: 908253
Ion Ratio Lower Upper
244 100
212 6.6 5.7 8.5
122 13.1 10.2 15.2



#80
Butylbenzylphthalate
Concen: 8.939 ng
RT: 13.410 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

Tgt Ion:149 Resp: 219532
Ion Ratio Lower Upper
149 100
91 77.2 59.5 89.3
206 20.2 17.1 25.7

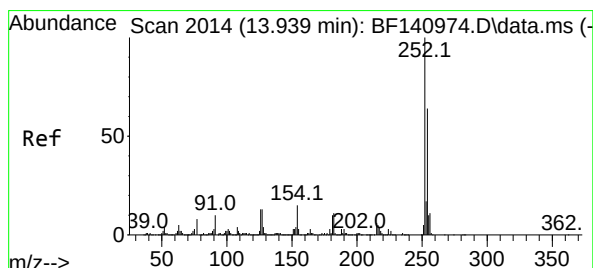
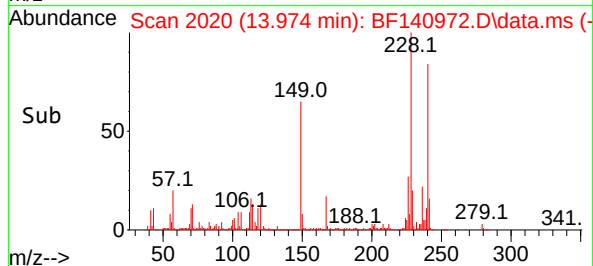
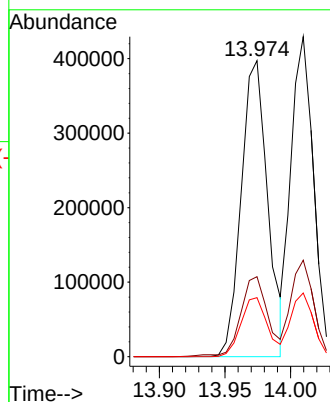
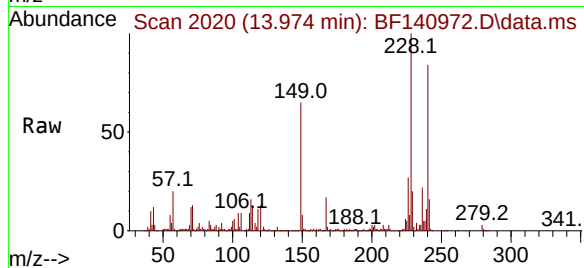




#81
Benzo(a)anthracene
Concen: 10.419 ng
RT: 13.974 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

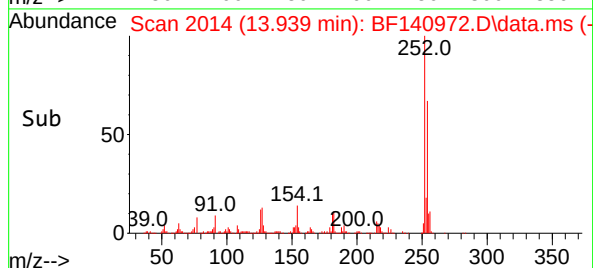
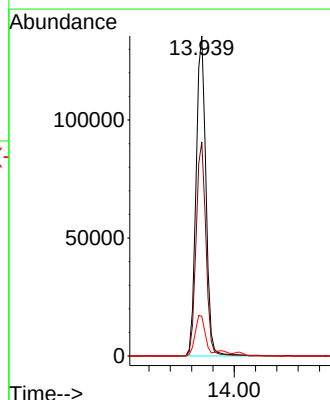
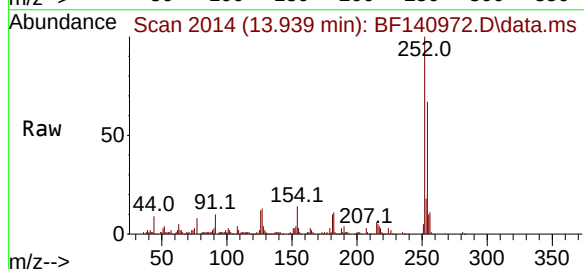
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

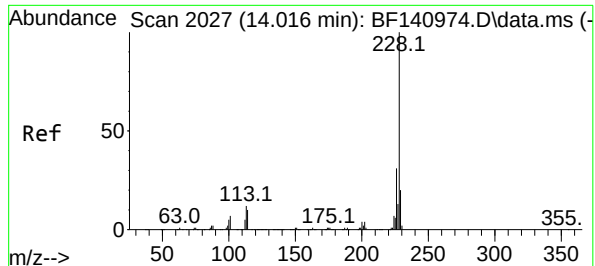
Tgt Ion:228 Resp: 558462
Ion Ratio Lower Upper
228 100
226 27.0 22.1 33.1
229 19.9 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 10.857 ng
RT: 13.939 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

Tgt Ion:252 Resp: 174840
Ion Ratio Lower Upper
252 100
254 66.9 51.5 77.3
126 12.4 10.3 15.5





#83

Chrysene

Concen: 10.587 ng

RT: 14.010 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

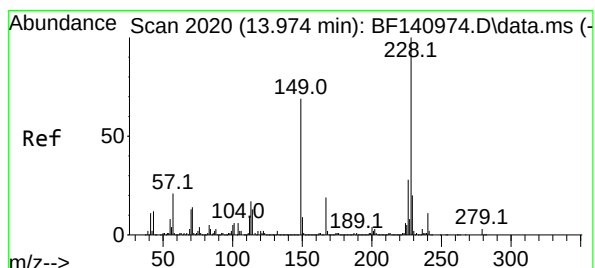
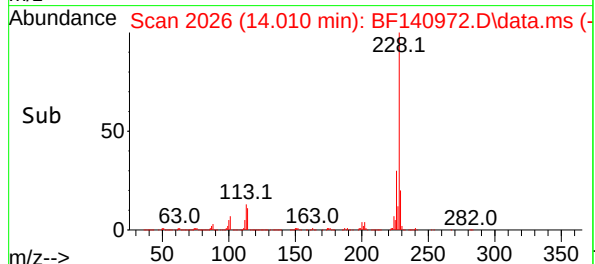
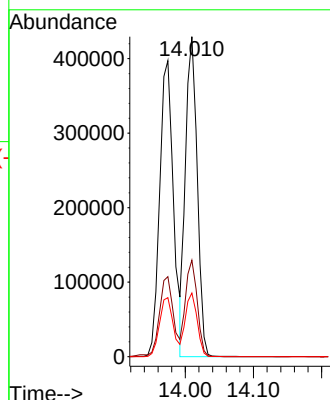
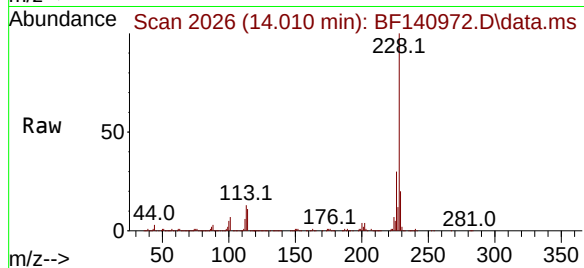
Tgt Ion:228 Resp: 511519

Ion Ratio Lower Upper

228 100

226 30.2 24.5 36.7

229 19.9 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 10.159 ng

RT: 13.974 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

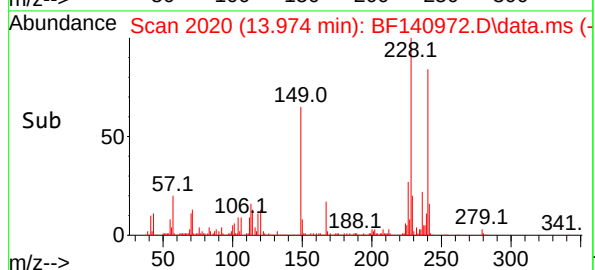
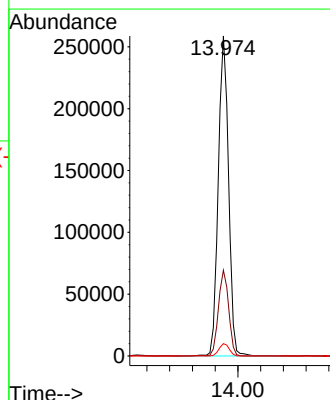
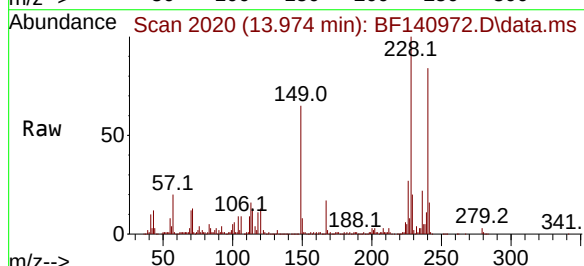
Tgt Ion:149 Resp: 323647

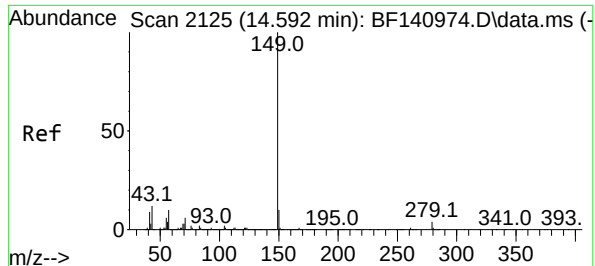
Ion Ratio Lower Upper

149 100

167 26.8 21.6 32.4

279 3.9 3.2 4.8

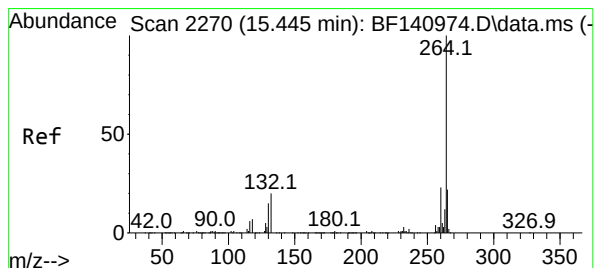
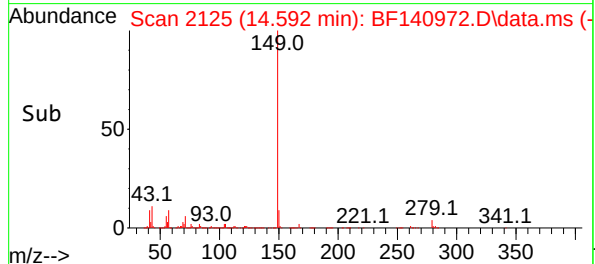
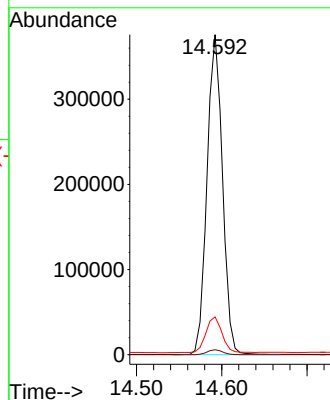
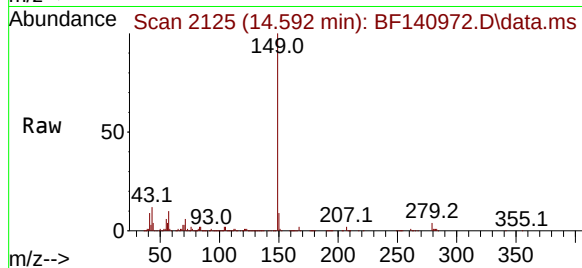




#85
Di-n-octyl phthalate
Concen: 10.269 ng
RT: 14.592 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

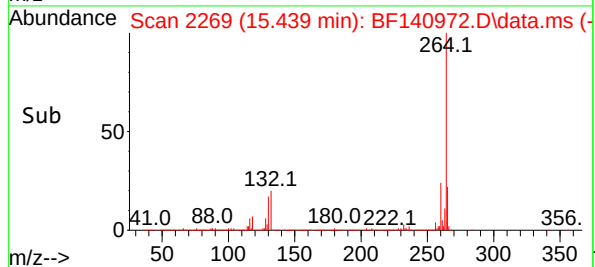
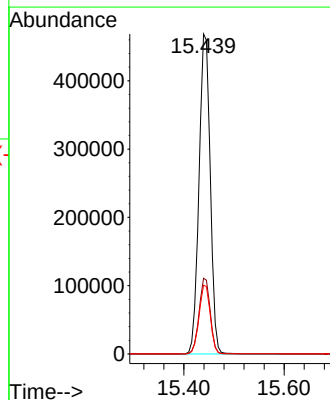
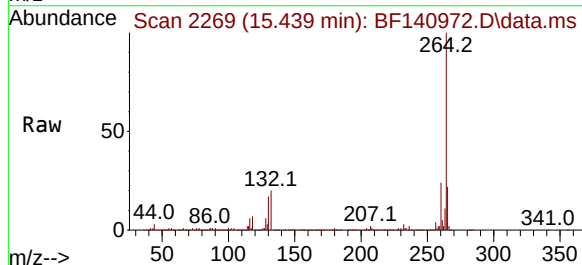
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

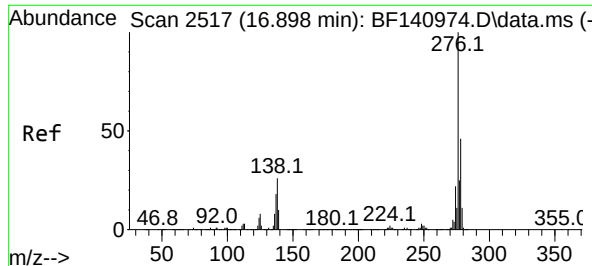
Tgt Ion:149 Resp: 473516
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.8 9.3 13.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

Tgt Ion:264 Resp: 725753
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 21.5 17.4 26.2

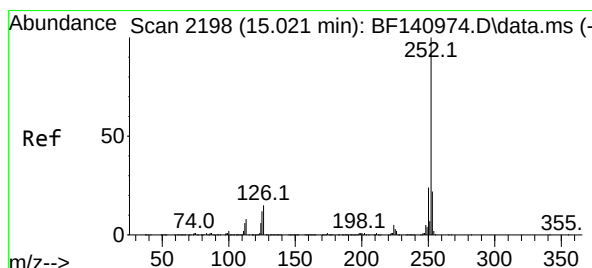
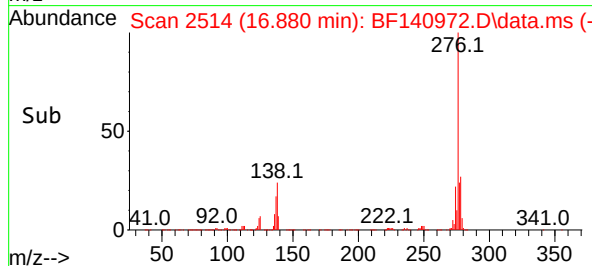
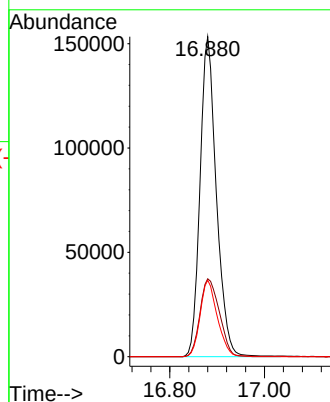
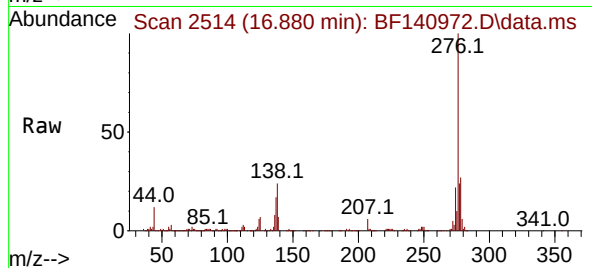




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 8.004 ng
 RT: 16.880 min Scan# 2197
 Delta R.T. -0.018 min
 Lab File: BF140972.D
 Acq: 26 Dec 2024 17:15

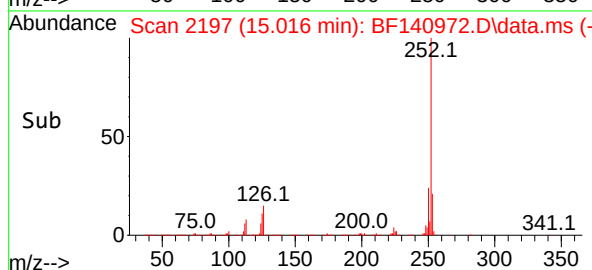
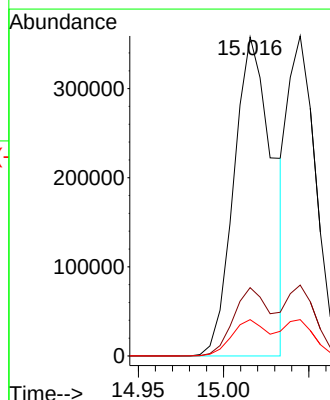
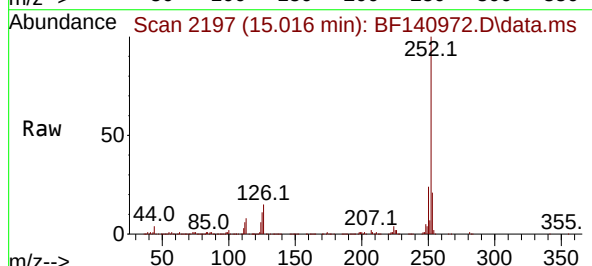
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

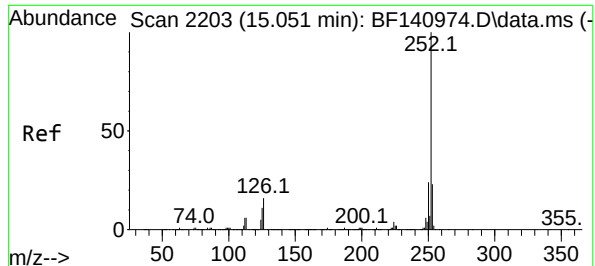
Tgt Ion:276 Resp: 365994
 Ion Ratio Lower Upper
 276 100
 138 29.0 23.1 34.7
 277 25.1 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 11.213 ng
 RT: 15.016 min Scan# 2197
 Delta R.T. -0.006 min
 Lab File: BF140972.D
 Acq: 26 Dec 2024 17:15

Tgt Ion:252 Resp: 567548
 Ion Ratio Lower Upper
 252 100
 253 21.4 17.7 26.5
 125 11.4 9.3 13.9





#89

Benzo(k)fluoranthene

Concen: 10.256 ng

RT: 15.045 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

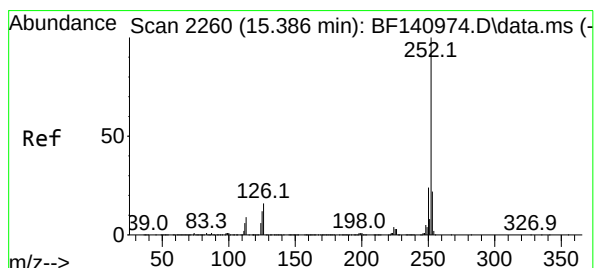
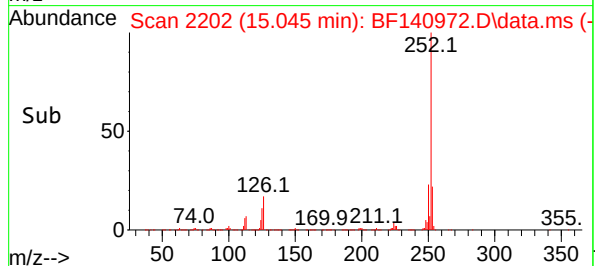
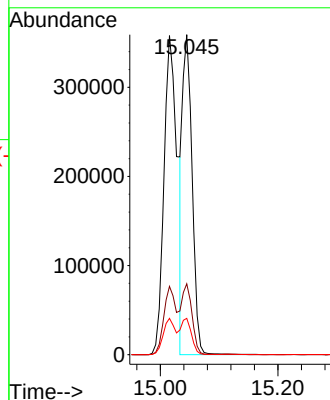
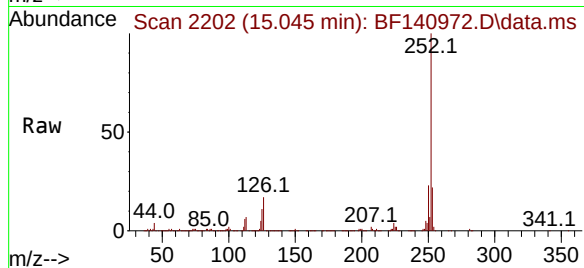
Tgt Ion:252 Resp: 406884

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 11.4 9.4 14.0



#90

Benzo(a)pyrene

Concen: 10.230 ng

RT: 15.374 min Scan# 2258

Delta R.T. -0.012 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

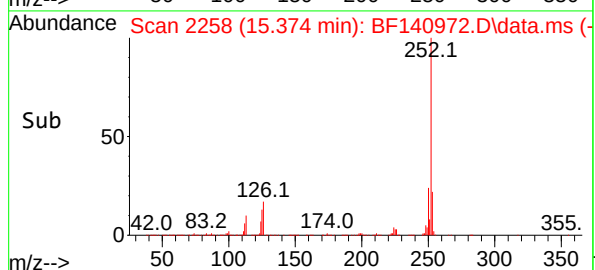
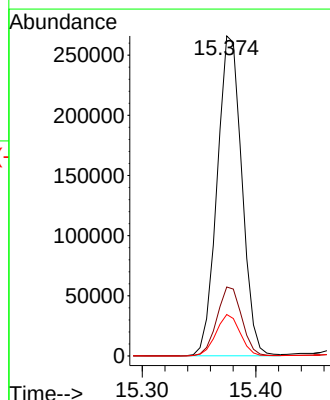
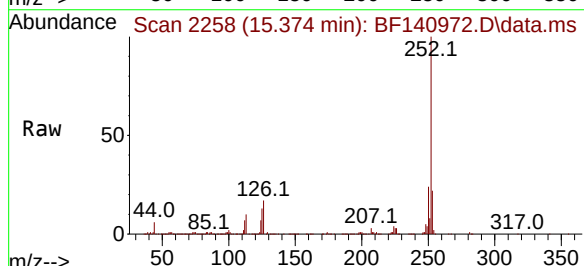
Tgt Ion:252 Resp: 401924

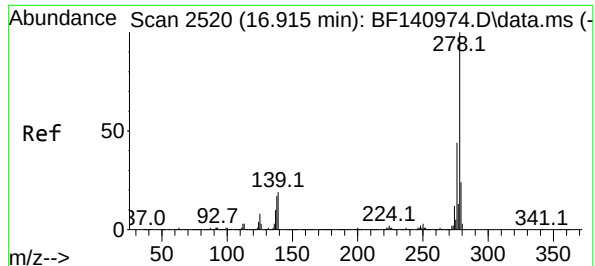
Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

125 13.0 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 8.115 ng

RT: 16.904 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

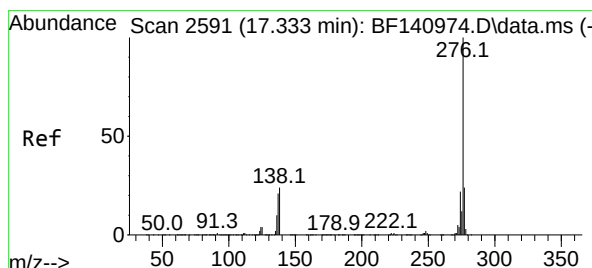
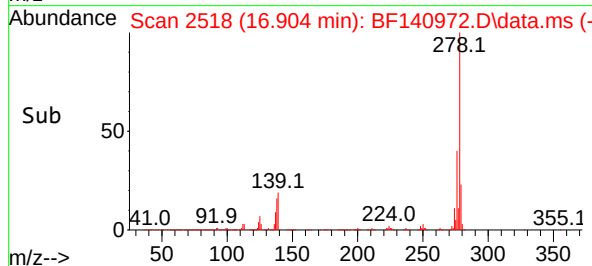
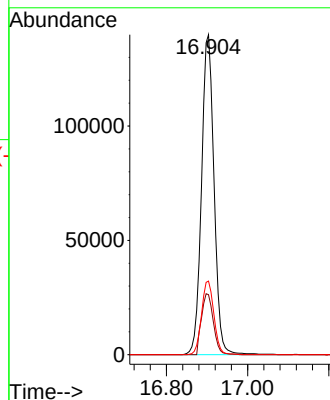
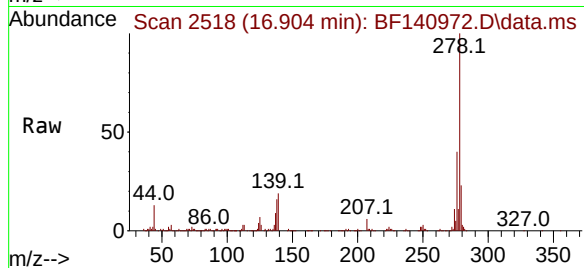
Tgt Ion:278 Resp: 300782

Ion Ratio Lower Upper

278 100

139 18.8 14.9 22.3

279 23.0 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 7.654 ng

RT: 17.315 min Scan# 2588

Delta R.T. -0.018 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

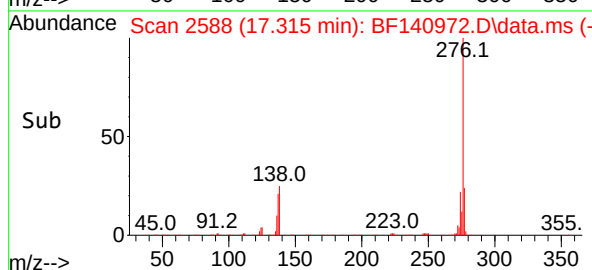
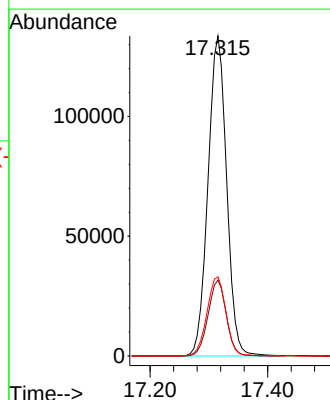
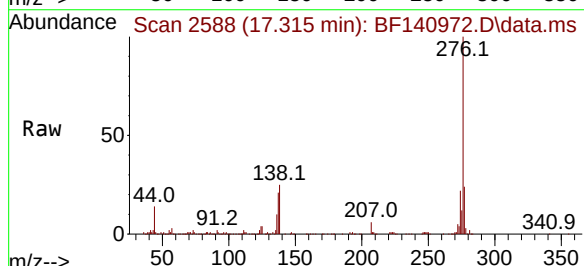
Tgt Ion:276 Resp: 294254

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 24.7 19.4 29.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122624\
 Data File : BF140973.D
 Acq On : 26 Dec 2024 17:41
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Dec 27 00:19:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:11:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	269565	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1065985	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	573072	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	1007534	20.000	ng	0.00
76) Chrysene-d12	13.986	240	755829	20.000	ng	0.00
86) Perylene-d12	15.445	264	616760	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	767394	42.912	ng	0.00
7) Phenol-d6	6.440	99	976492	42.388	ng	-0.01
23) Nitrobenzene-d5	7.387	82	685087	41.117	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	232752	41.797	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1579020	43.899	ng	0.00
79) Terphenyl-d14	12.933	244	1795750	39.463	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	168084	20.761	ng	99
3) Pyridine	3.304	79	426244	21.543	ng	99
4) n-Nitrosodimethylamine	3.240	42	209632	20.911	ng	96
6) Aniline	6.492	93	466960	22.727	ng	99
8) 2-Chlorophenol	6.610	128	399668	21.198	ng	98
9) Benzaldehyde	6.375	77	293566	22.432	ng	100
10) Phenol	6.457	94	502959	21.114	ng	98
11) bis(2-Chloroethyl)ether	6.563	93	390561	20.325	ng	98
12) 1,3-Dichlorobenzene	6.769	146	444586	21.366	ng	99
13) 1,4-Dichlorobenzene	6.845	146	447949	21.355	ng	98
14) 1,2-Dichlorobenzene	6.998	146	421063	21.530	ng	99
15) Benzyl Alcohol	6.963	79	349962	21.140	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	623448	21.433	ng	98
17) 2-Methylphenol	7.069	107	330603	21.106	ng	100
18) Hexachloroethane	7.340	117	157325	21.113	ng	96
19) n-Nitroso-di-n-propyla...	7.234	70	290977	20.617	ng	98
20) 3+4-Methylphenols	7.222	107	430865	21.737	ng	97
22) Acetophenone	7.234	105	555544	21.244	ng	99
24) Nitrobenzene	7.404	77	388514	20.868	ng	100
25) Isophorone	7.645	82	761280	20.997	ng	99
26) 2-Nitrophenol	7.722	139	113601	18.546	ng	98
27) 2,4-Dimethylphenol	7.757	122	276735	20.884	ng	98
28) bis(2-Chloroethoxy)met...	7.857	93	492370	21.434	ng	98
29) 2,4-Dichlorophenol	7.957	162	314184	20.906	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	359008	21.106	ng	100
31) Naphthalene	8.134	128	1217616	21.677	ng	99
32) Benzoic acid	7.834	122	161566	20.134	ng	98
33) 4-Chloroaniline	8.175	127	430141	21.167	ng	100
34) Hexachlorobutadiene	8.251	225	209359	20.878	ng	99
35) Caprolactam	8.522	113	106661	20.875	ng	99
36) 4-Chloro-3-methylphenol	8.645	107	348318	20.870	ng	100
37) 2-Methylnaphthalene	8.816	142	779831	21.701	ng	99
38) 1-Methylnaphthalene	8.916	142	756896	21.432	ng	100
40) 1,2,4,5-Tetrachloroben...	8.981	216	335609	21.287	ng	100
41) Hexachlorocyclopentadiene	8.975	237	108149	20.700	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	227943	21.723	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122624\
 Data File : BF140973.D
 Acq On : 26 Dec 2024 17:41
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Dec 27 00:19:13 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:11:18 2024
 Response via : Initial Calibration

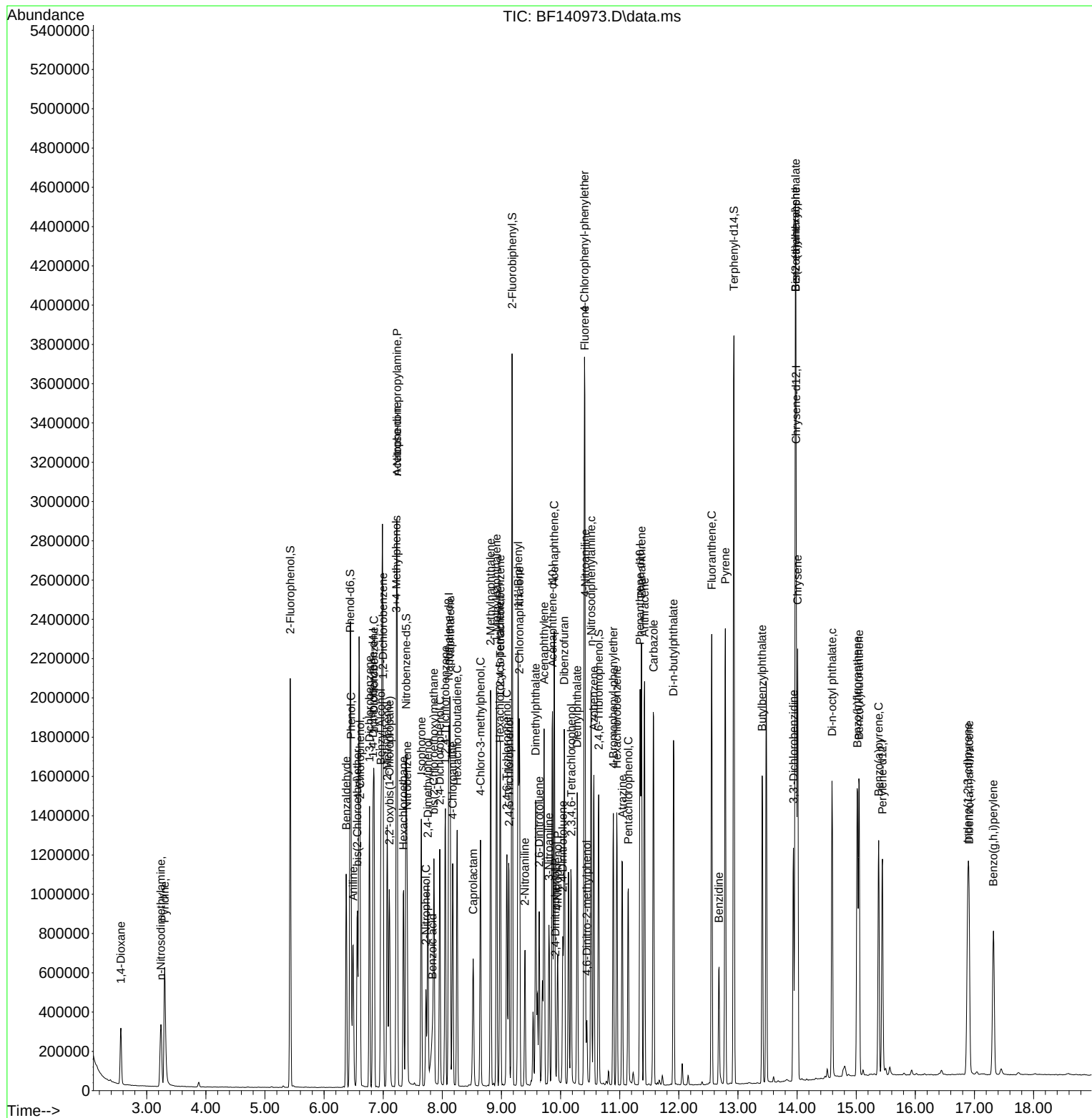
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	215889	20.108	ng	98
46) 1,1'-Biphenyl	9.281	154	946134	21.562	ng	99
47) 2-Chloronaphthalene	9.304	162	727825	21.387	ng	99
48) 2-Nitroaniline	9.398	65	142035	19.054	ng	96
49) Acenaphthylene	9.722	152	1045099	21.333	ng	99
50) Dimethylphthalate	9.581	163	796157	21.121	ng	100
51) 2,6-Dinitrotoluene	9.639	165	133566	19.707	ng	97
52) Acenaphthene	9.892	154	704299	21.265	ng	99
53) 3-Nitroaniline	9.804	138	149270	19.906	ng	# 98
54) 2,4-Dinitrophenol	9.910	184	30382	19.424	ng	# 47
55) Dibenzofuran	10.063	168	999002	21.463	ng	99
56) 4-Nitrophenol	9.951	139	122269	18.962	ng	99
57) 2,4-Dinitrotoluene	10.039	165	151712	19.116	ng	97
58) Fluorene	10.410	166	774090	21.447	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	187475	21.084	ng	99
60) Diethylphthalate	10.280	149	784780	21.089	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	374361	21.556	ng	97
62) 4-Nitroaniline	10.416	138	147320	19.756	ng	97
63) Azobenzene	10.563	77	829641	21.240	ng	99
65) 4,6-Dinitro-2-methylph...	10.445	198	51061	19.580	ng	99
66) n-Nitrosodiphenylamine	10.516	169	673269	21.221	ng	100
67) 4-Bromophenyl-phenylether	10.892	248	230220	21.137	ng	99
68) Hexachlorobenzene	10.951	284	250540	20.861	ng	96
69) Atrazine	11.045	200	190058	21.443	ng	100
70) Pentachlorophenol	11.145	266	155053	20.736	ng	98
71) Phenanthrene	11.369	178	1137057	21.443	ng	99
72) Anthracene	11.422	178	1121403	21.582	ng	99
73) Carbazole	11.575	167	1083881	21.699	ng	99
74) Di-n-butylphthalate	11.910	149	1245979	21.931	ng	99
75) Fluoranthene	12.557	202	1251854	21.767	ng	98
77) Benzidine	12.680	184	330414	20.685	ng	99
78) Pyrene	12.786	202	1285846	19.452	ng	99
80) Butylbenzylphthalate	13.410	149	483615	20.036	ng	98
81) Benzo(a)anthracene	13.974	228	1086206	20.620	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	343789	21.722	ng	99
83) Chrysene	14.010	228	1002629	21.114	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	649103	20.731	ng	99
85) Di-n-octyl phthalate	14.592	149	946713	20.891	ng	100
87) Indeno(1,2,3-cd)pyrene	16.886	276	755113	19.433	ng	99
88) Benzo(b)fluoranthene	15.021	252	912288	21.208	ng	99
89) Benzo(k)fluoranthene	15.051	252	802261	23.796	ng	99
90) Benzo(a)pyrene	15.380	252	701080	20.998	ng	99
91) Dibenzo(a,h)anthracene	16.909	278	611811	19.424	ng	100
92) Benzo(g,h,i)perylene	17.321	276	630980	19.314	ng	99

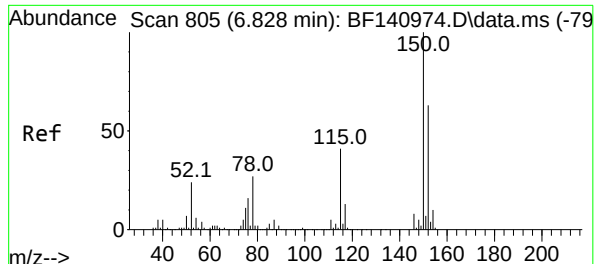
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Acq On : 26 Dec 2024 17:41
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Dec 27 00:19:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:11:18 2024
 Response via : Initial Calibration

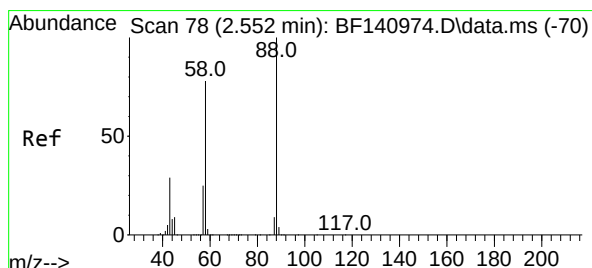
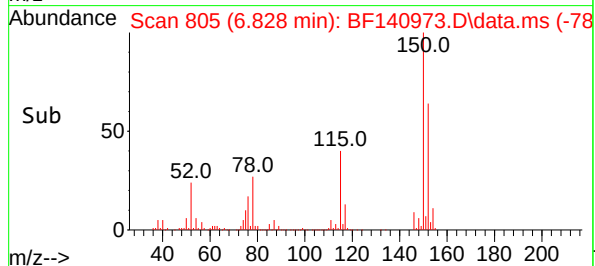
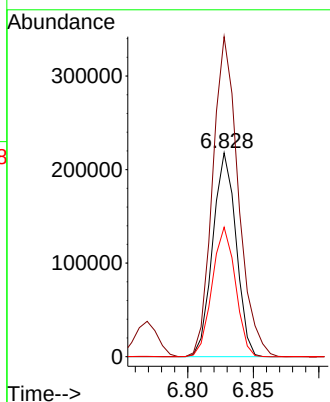
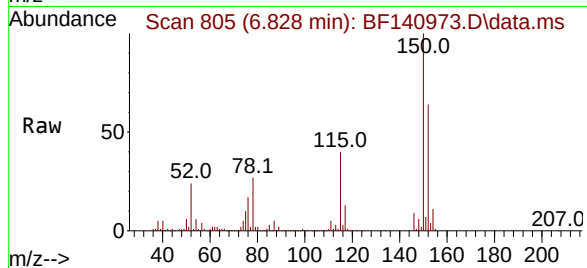




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

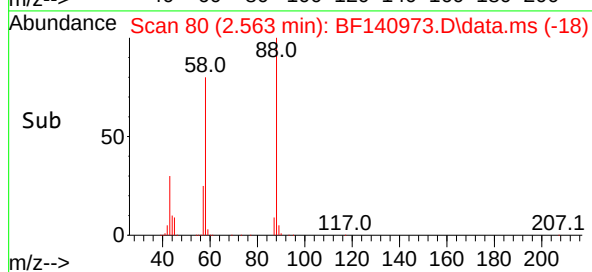
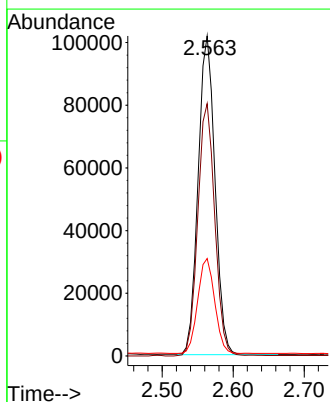
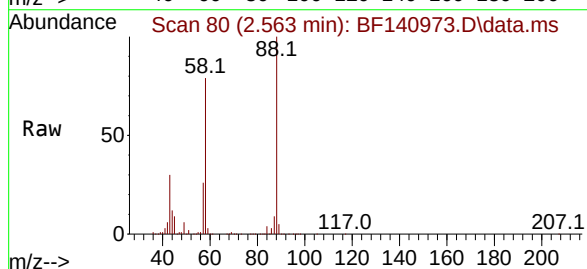
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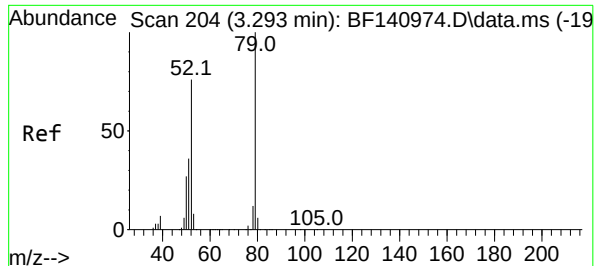
Tgt Ion:152 Resp: 269565
Ion Ratio Lower Upper
152 100
150 157.0 127.0 190.6
115 63.5 51.7 77.5



#2
1,4-Dioxane
Concen: 20.761 ng
RT: 2.563 min Scan# 80
Delta R.T. 0.012 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

Tgt Ion: 88 Resp: 168084
Ion Ratio Lower Upper
88 100
58 80.0 63.0 94.4
43 29.9 23.4 35.2

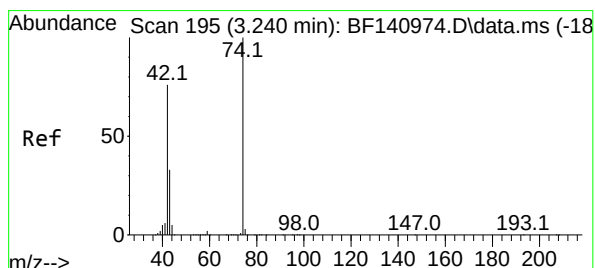
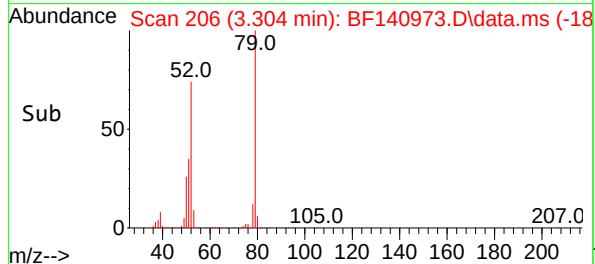
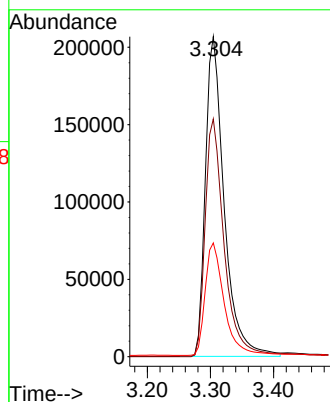
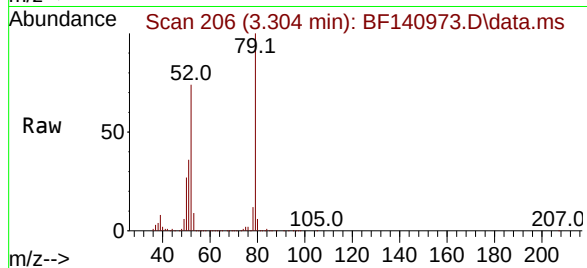




#3
Pyridine
Concen: 21.543 ng
RT: 3.304 min Scan# 204
Delta R.T. 0.012 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

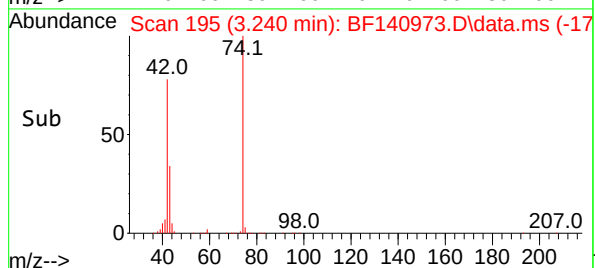
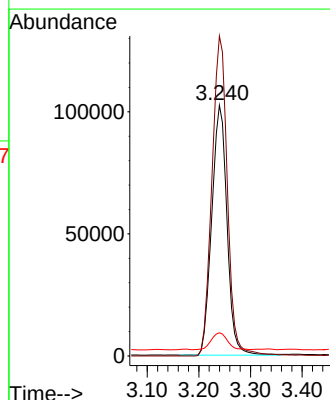
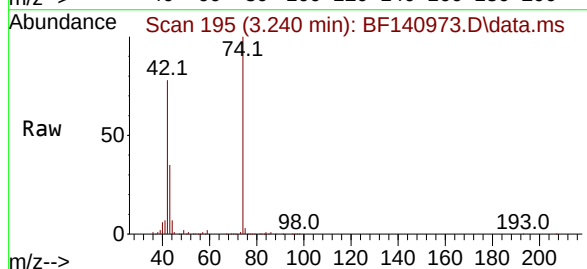
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BNA_F
ClientSampleId :
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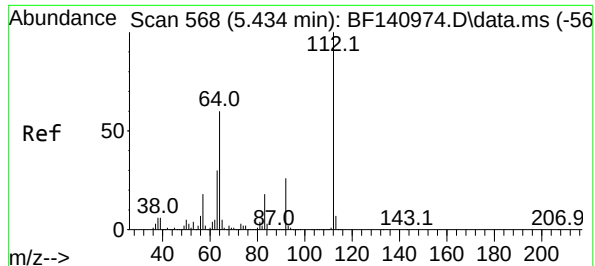
Tgt Ion: 79 Resp: 426244
Ion Ratio Lower Upper
79 100
52 74.3 60.4 90.6
51 35.5 28.8 43.2



#4
n-Nitrosodimethylamine
Concen: 20.911 ng
RT: 3.240 min Scan# 195
Delta R.T. 0.000 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

Tgt Ion: 42 Resp: 209632
Ion Ratio Lower Upper
42 100
74 127.6 105.8 158.6
44 9.2 6.6 10.0

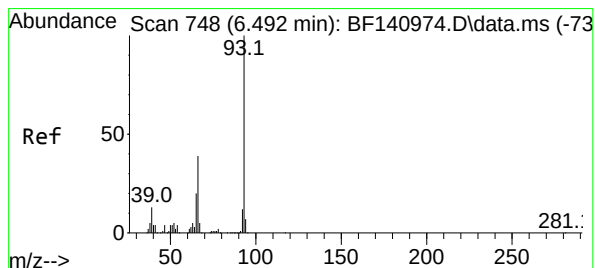
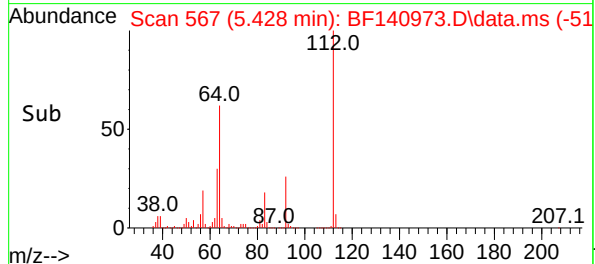
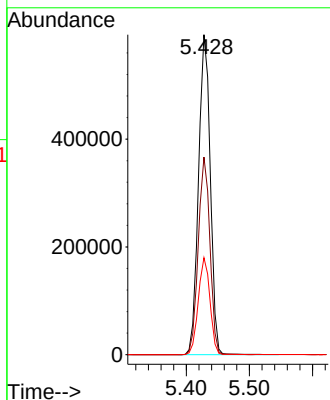
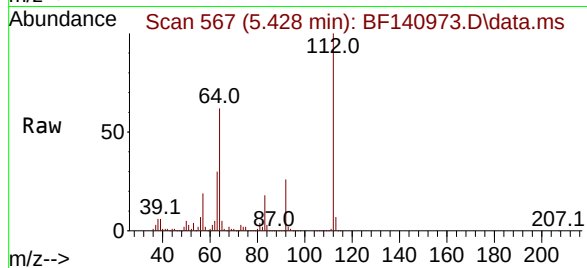




#5
2-Fluorophenol
Concen: 42.912 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.006 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

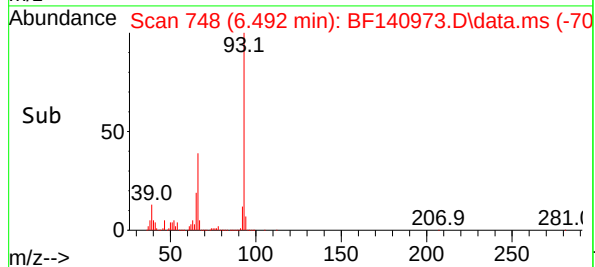
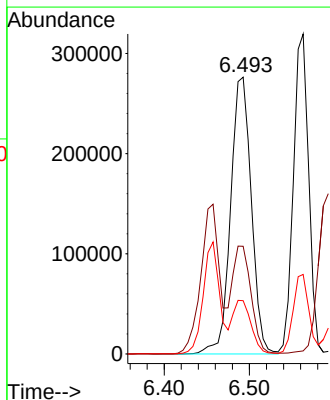
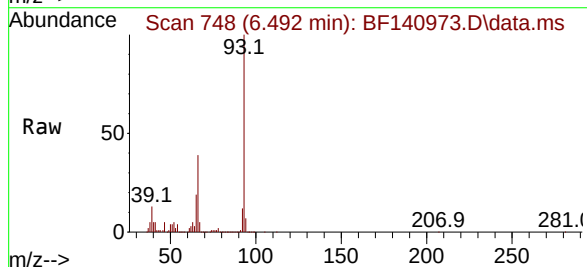
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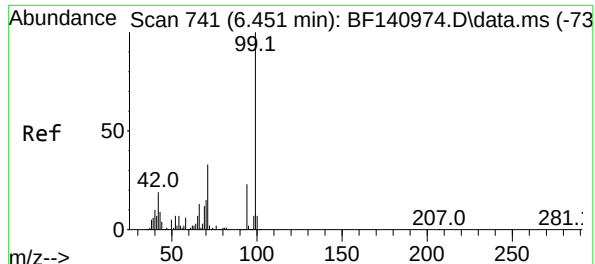
Tgt Ion:112 Resp: 767394
Ion Ratio Lower Upper
112 100
64 61.8 47.7 71.5
63 30.3 24.2 36.2



#6
Aniline
Concen: 22.727 ng
RT: 6.492 min Scan# 748
Delta R.T. -0.018 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

Tgt Ion: 93 Resp: 466960
Ion Ratio Lower Upper
93 100
66 38.9 31.8 47.8
65 19.3 15.4 23.0

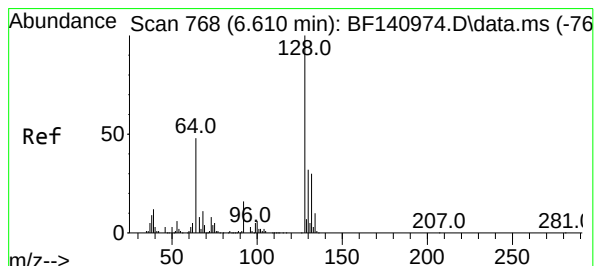
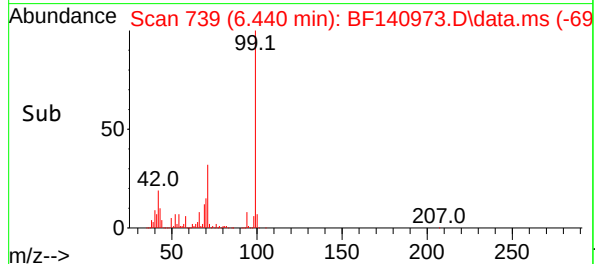
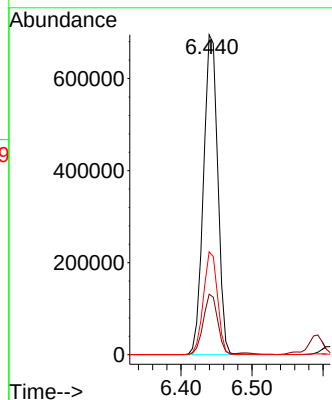
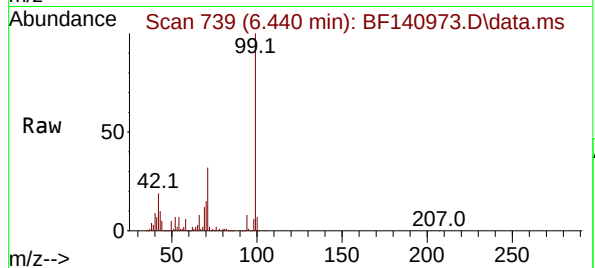




#7
Phenol-d6
Concen: 42.388 ng
RT: 6.440 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

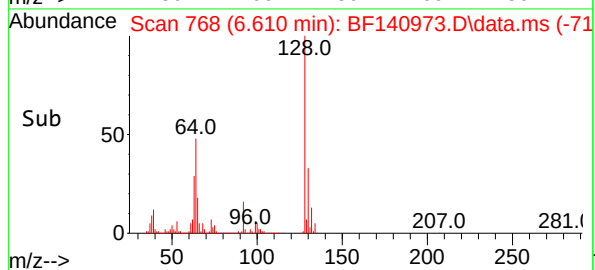
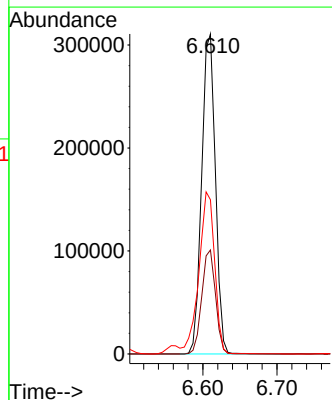
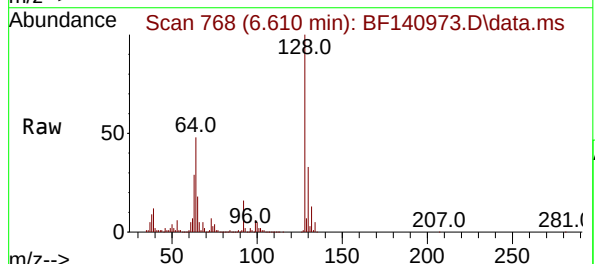
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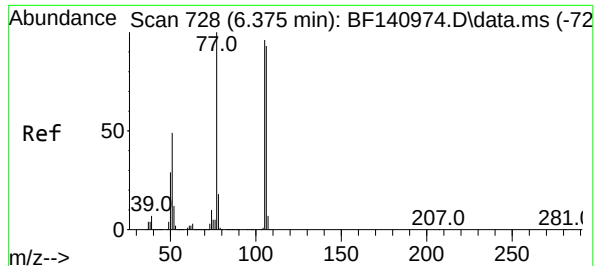
Tgt Ion: 99 Resp: 976492
Ion Ratio Lower Upper
99 100
42 18.9 15.0 22.4
71 32.2 26.2 39.2



#8
2-Chlorophenol
Concen: 21.198 ng
RT: 6.610 min Scan# 768
Delta R.T. -0.000 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

Tgt Ion: 128 Resp: 399668
Ion Ratio Lower Upper
128 100
130 32.5 12.2 52.2
64 48.2 30.3 70.3

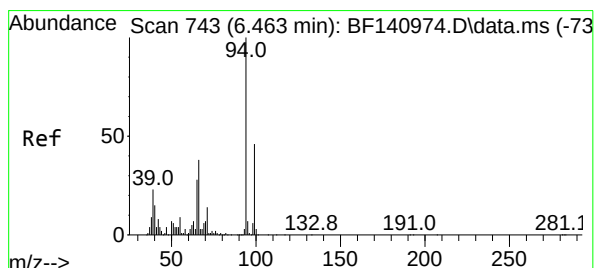
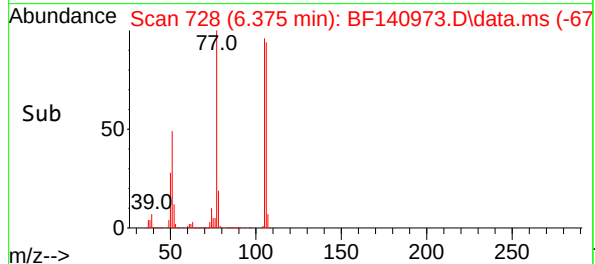
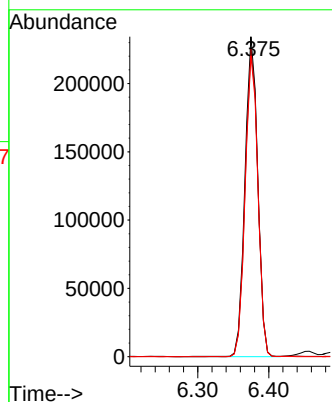
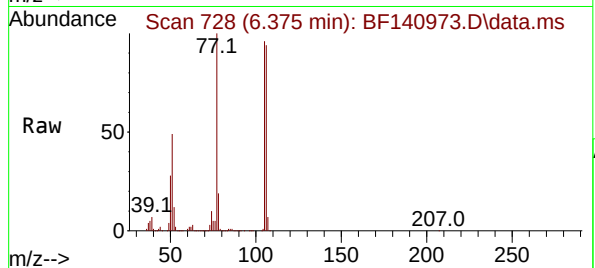




#9
Benzaldehyde
Concen: 22.432 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

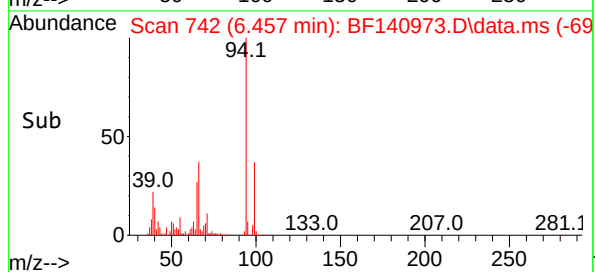
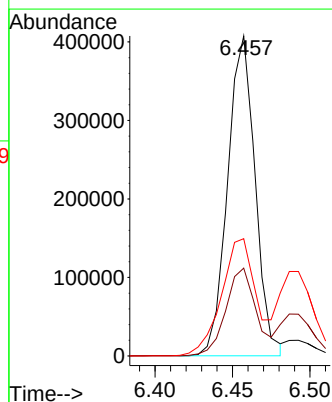
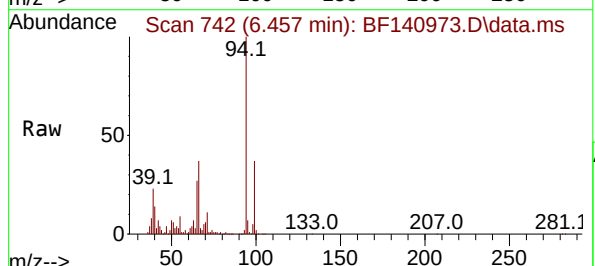
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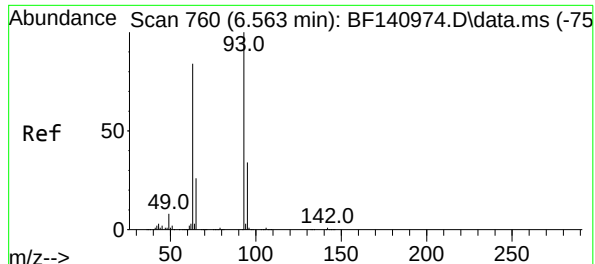
Tgt Ion: 77 Resp: 293566
Ion Ratio Lower Upper
77 100
105 96.1 76.2 116.2
106 94.0 73.4 113.4



#10
Phenol
Concen: 21.114 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

Tgt Ion: 94 Resp: 502959
Ion Ratio Lower Upper
94 100
65 27.4 8.1 48.1
66 36.7 18.7 58.7

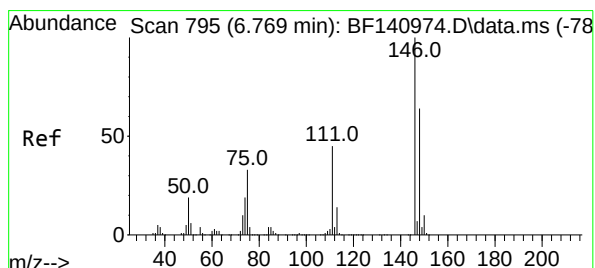
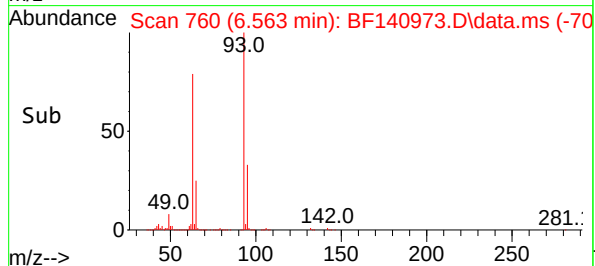
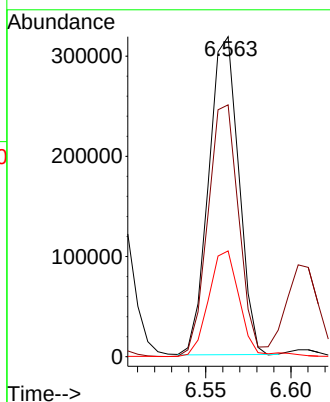
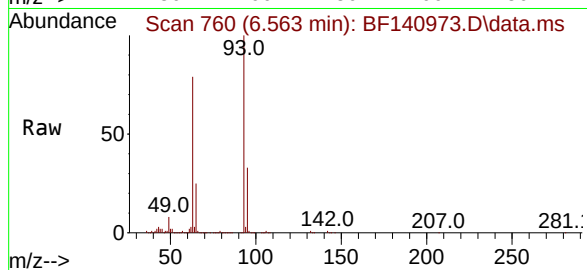




#11
bis(2-Chloroethyl)ether
Concen: 20.325 ng
RT: 6.563 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

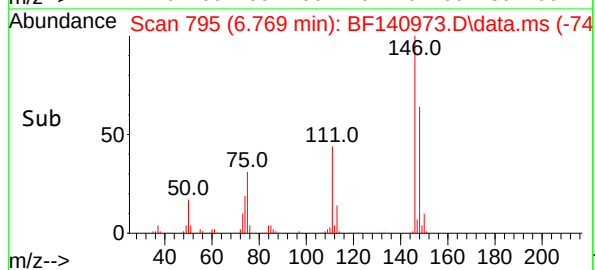
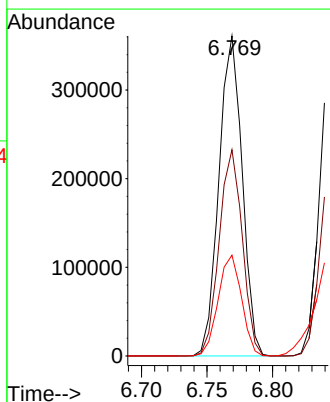
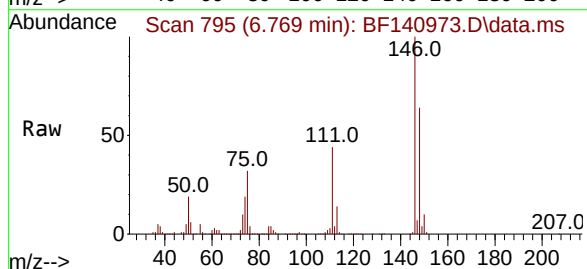
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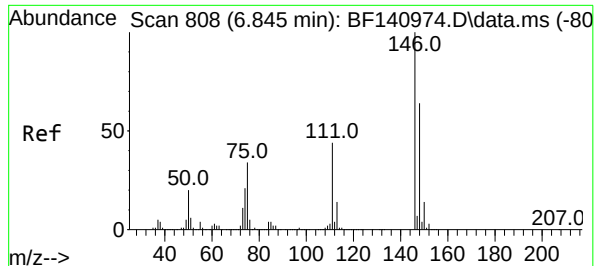
Tgt Ion: 93 Resp: 390561
Ion Ratio Lower Upper
93 100
63 78.7 60.3 100.3
95 33.1 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 21.366 ng
RT: 6.769 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

Tgt Ion: 146 Resp: 444586
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.4
75 31.5 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 21.355 ng

RT: 6.845 min Scan# 808

Delta R.T. 0.000 min

Lab File: BF140973.D

Acq: 26 Dec 2024 17:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

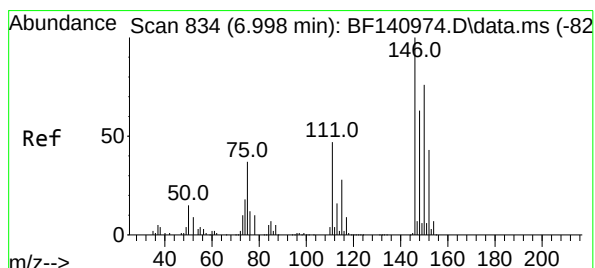
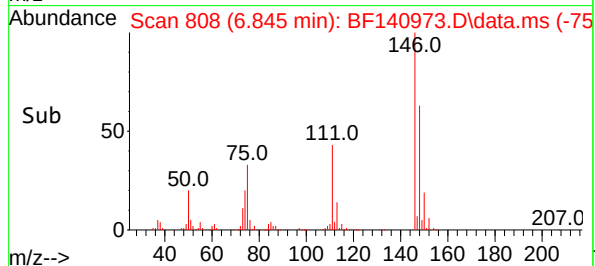
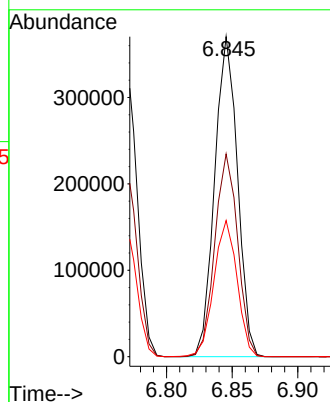
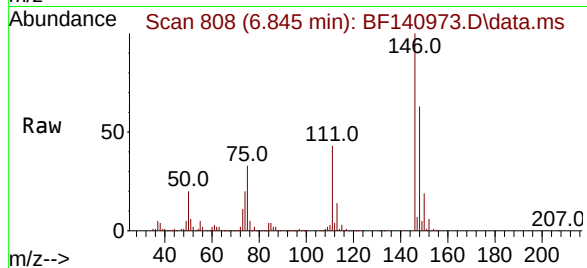
Tgt Ion:146 Resp: 447949

Ion Ratio Lower Upper

146 100

148 63.3 51.3 76.9

111 42.6 35.3 52.9



#14

1,2-Dichlorobenzene

Concen: 21.530 ng

RT: 6.998 min Scan# 834

Delta R.T. -0.000 min

Lab File: BF140973.D

Acq: 26 Dec 2024 17:41

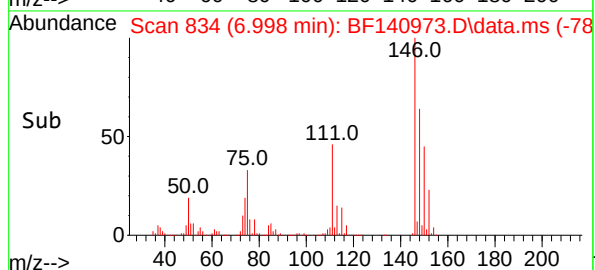
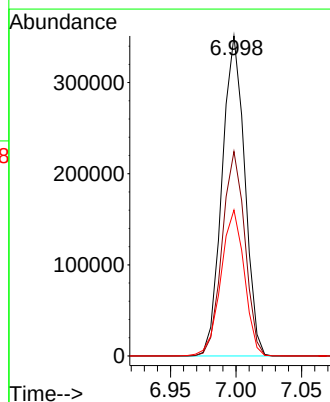
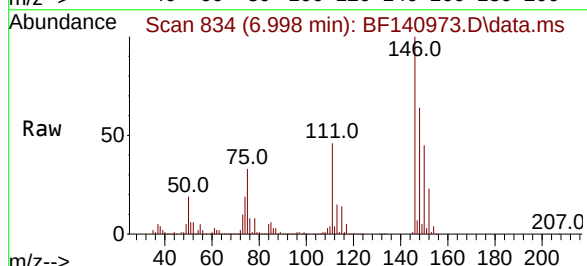
Tgt Ion:146 Resp: 421063

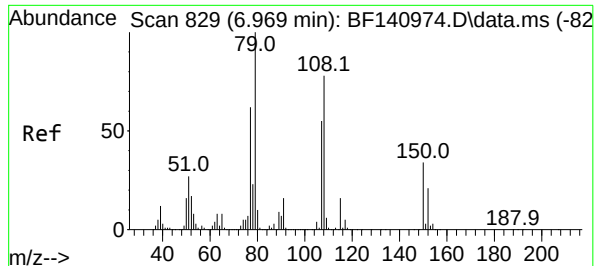
Ion Ratio Lower Upper

146 100

148 63.9 50.6 76.0

111 45.6 37.3 55.9





#15

Benzyl Alcohol

Concen: 21.140 ng

RT: 6.963 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF140973.D

Acq: 26 Dec 2024 17:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

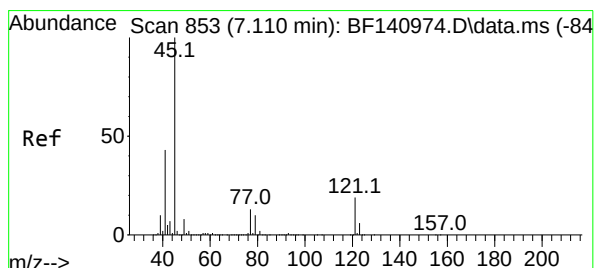
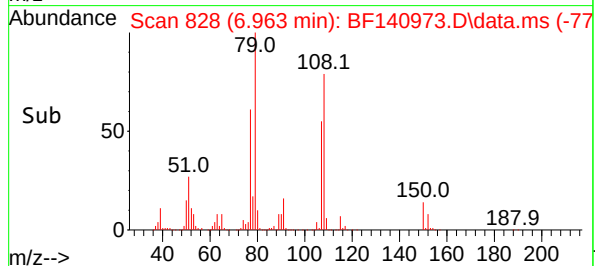
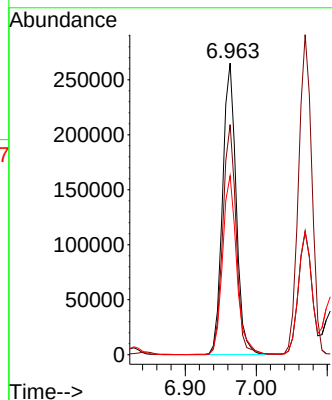
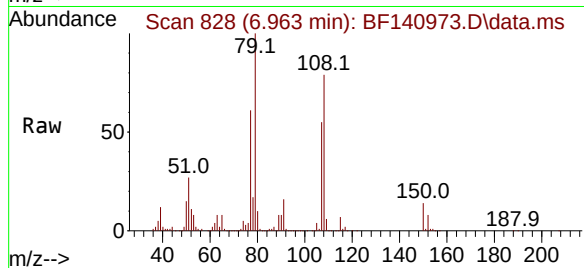
Tgt Ion: 79 Resp: 349962

Ion Ratio Lower Upper

79 100

108 78.9 62.5 93.7

77 61.4 49.3 73.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 21.433 ng

RT: 7.104 min Scan# 852

Delta R.T. -0.006 min

Lab File: BF140973.D

Acq: 26 Dec 2024 17:41

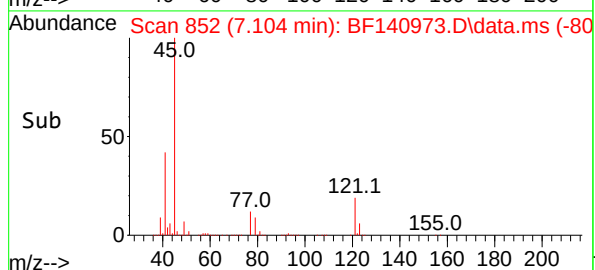
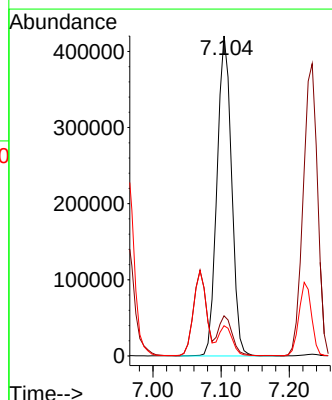
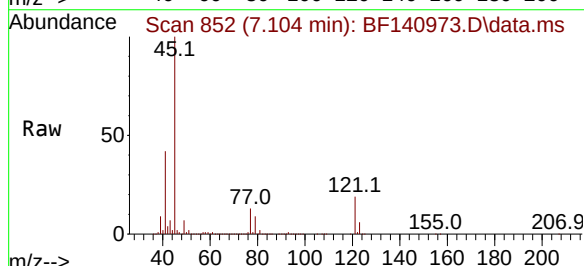
Tgt Ion: 45 Resp: 623448

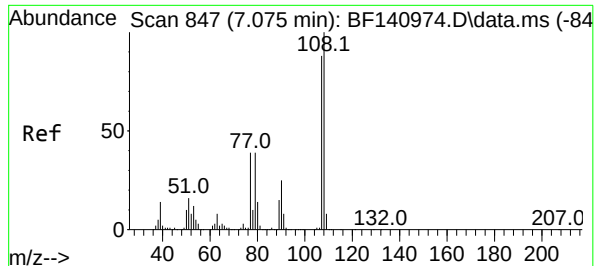
Ion Ratio Lower Upper

45 100

77 12.5 0.0 33.1

79 9.5 0.0 30.1

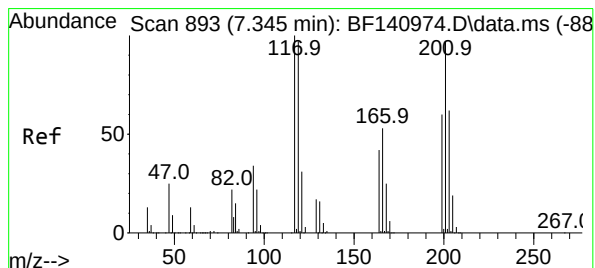
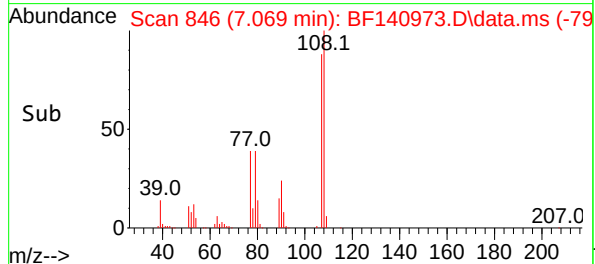
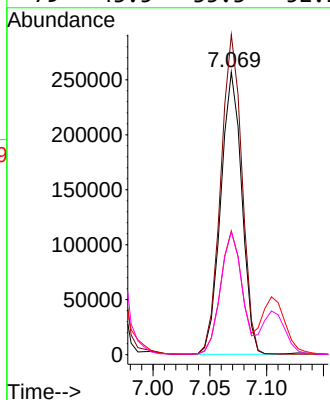
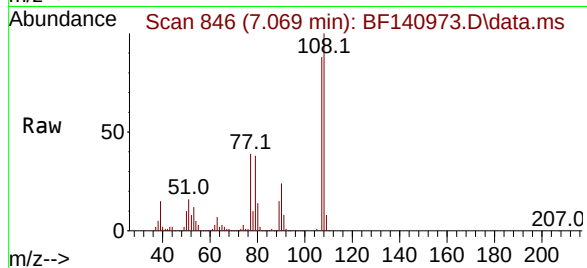




#17
2-Methylphenol
Concen: 21.106 ng
RT: 7.069 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

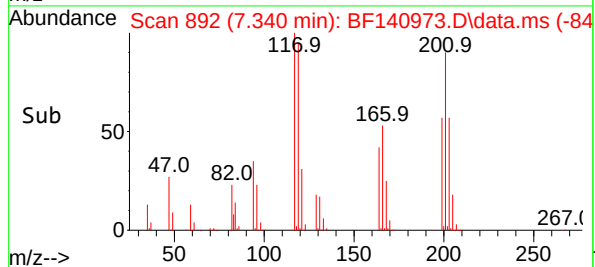
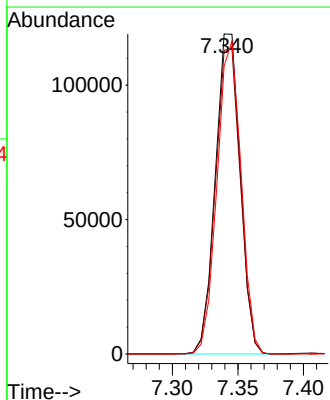
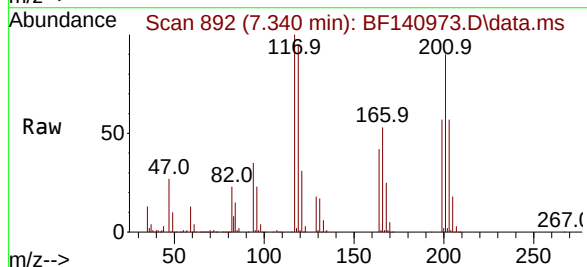
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

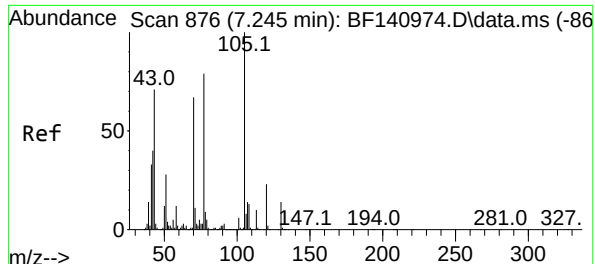
Tgt Ion:107 Resp: 330603
Ion Ratio Lower Upper
107 100
108 113.2 90.6 136.0
77 43.8 35.3 52.9
79 43.5 35.3 52.9



#18
Hexachloroethane
Concen: 21.113 ng
RT: 7.340 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

Tgt Ion:117 Resp: 157325
Ion Ratio Lower Upper
117 100
119 94.9 77.5 116.3
201 90.0 77.4 116.2





#19

n-Nitroso-di-n-propylamine

Concen: 20.617 ng

RT: 7.234 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF140973.D

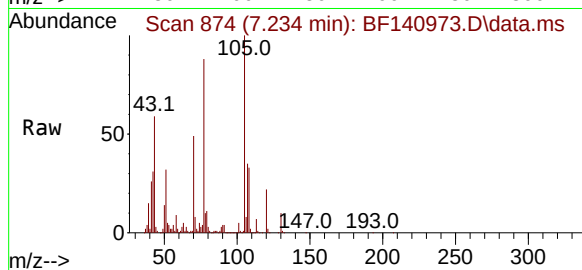
Acq: 26 Dec 2024 17:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion: 70 Resp: 290977

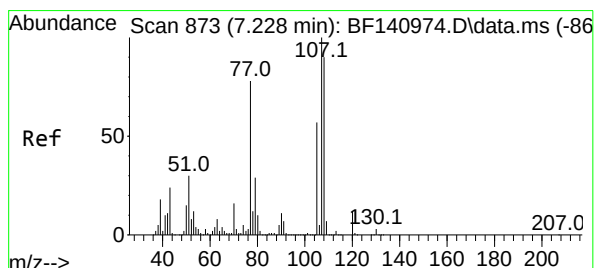
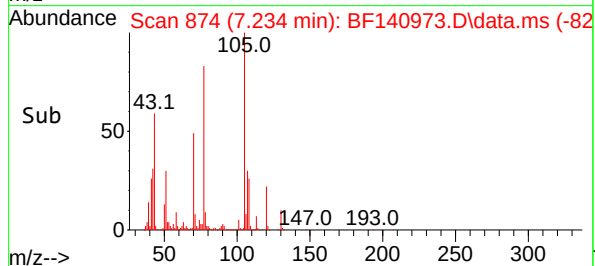
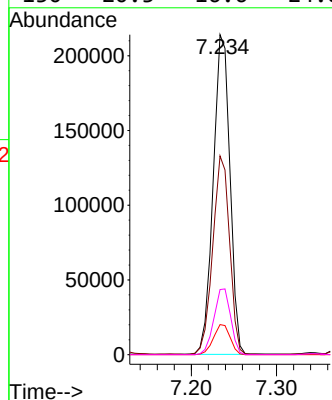
Ion Ratio Lower Upper

70 100

42 62.1 48.1 72.1

101 9.4 7.6 11.4

130 20.3 16.6 24.8



#20

3+4-Methylphenols

Concen: 21.737 ng

RT: 7.222 min Scan# 872

Delta R.T. -0.006 min

Lab File: BF140973.D

Acq: 26 Dec 2024 17:41

Tgt Ion: 107 Resp: 430865

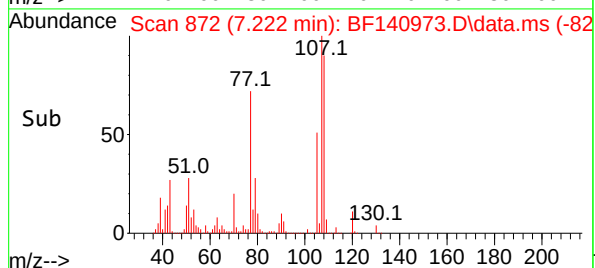
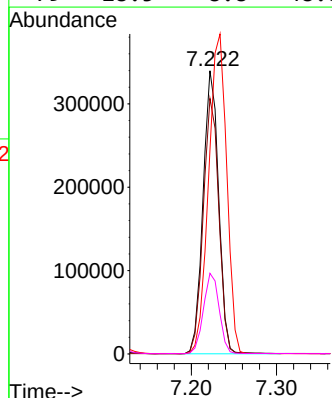
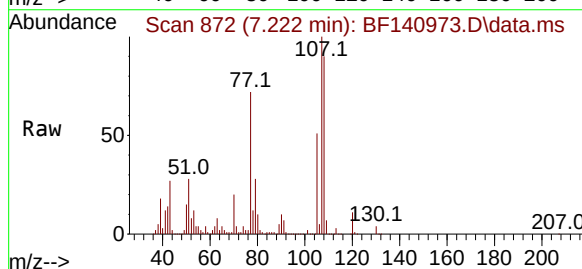
Ion Ratio Lower Upper

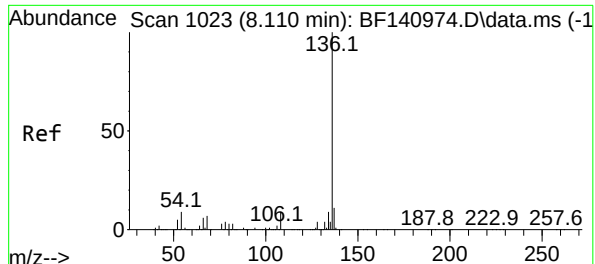
107 100

108 90.3 69.6 109.6

77 72.0 57.6 97.6

79 28.5 8.8 48.8

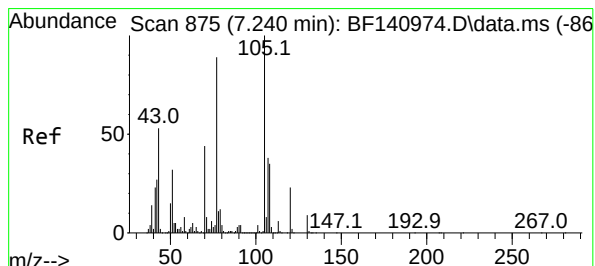
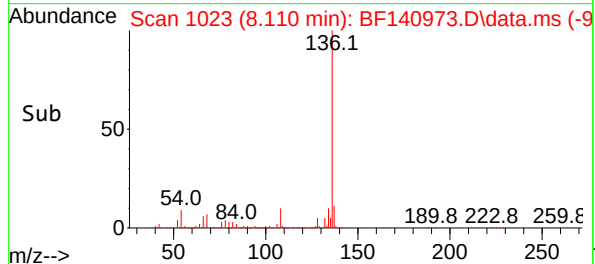
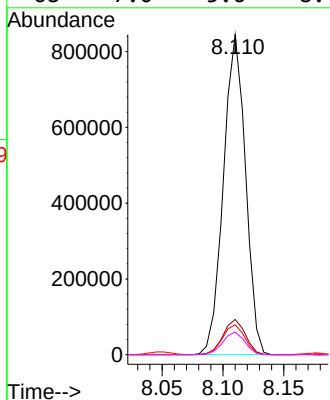
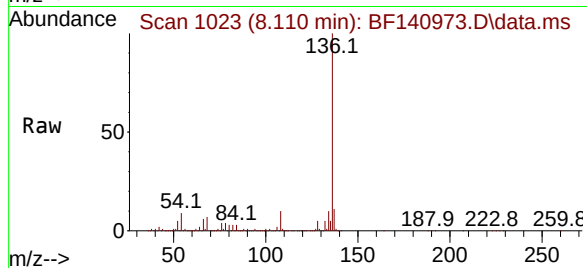




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

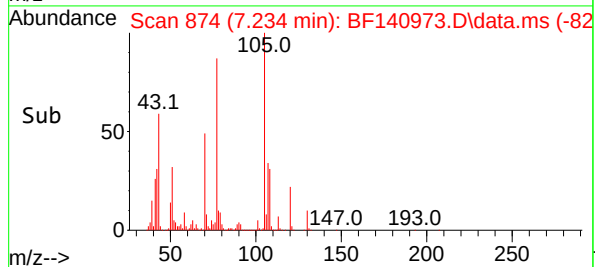
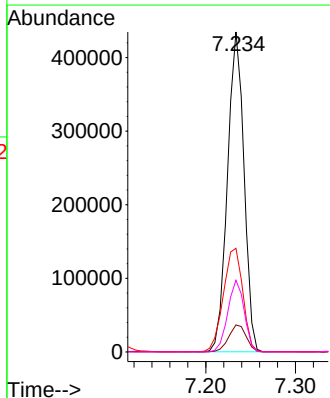
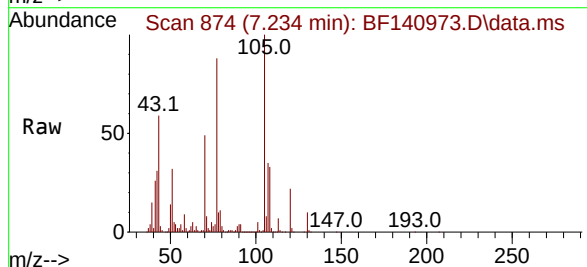
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

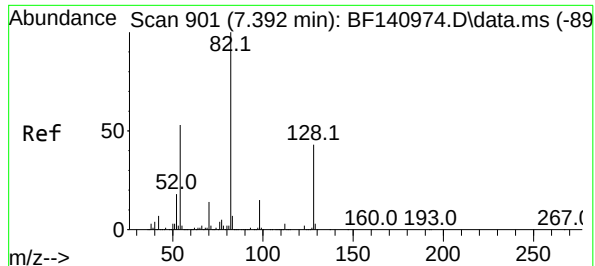
Tgt Ion:136 Resp: 1065985
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 9.4 7.6 11.4
68 7.0 5.6 8.4



#22
Acetophenone
Concen: 21.244 ng
RT: 7.234 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

Tgt Ion:105 Resp: 555544
Ion Ratio Lower Upper
105 100
71 8.5 6.1 9.1
51 32.4 25.8 38.6
120 22.4 18.1 27.1





#23

Nitrobenzene-d5

Concen: 41.117 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF140973.D

Acq: 26 Dec 2024 17:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

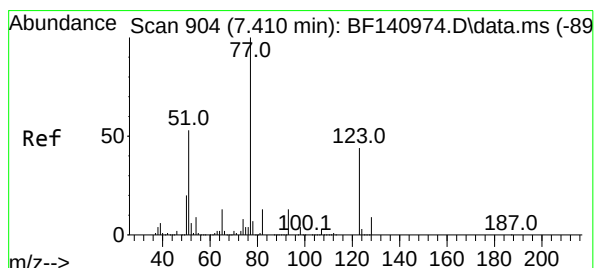
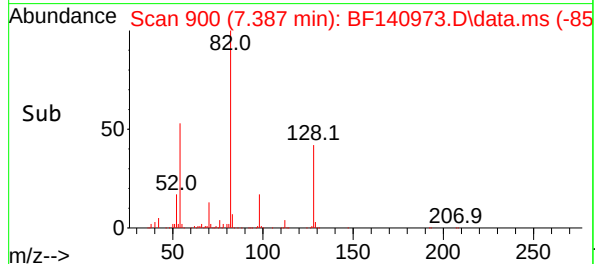
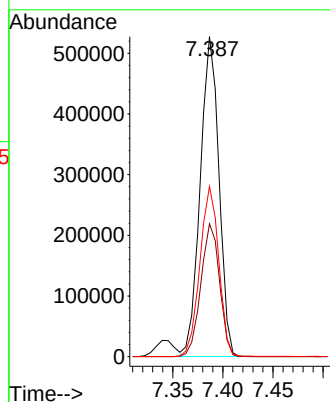
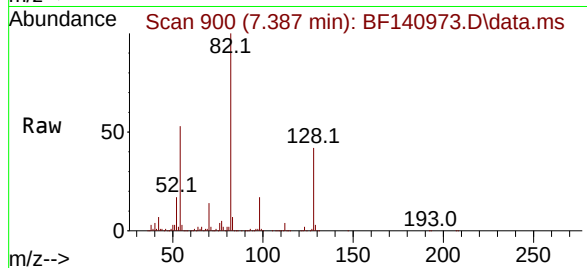
Tgt Ion: 82 Resp: 685087

Ion Ratio Lower Upper

82 100

128 41.6 34.4 51.6

54 53.2 42.4 63.6



#24

Nitrobenzene

Concen: 20.868 ng

RT: 7.404 min Scan# 903

Delta R.T. -0.006 min

Lab File: BF140973.D

Acq: 26 Dec 2024 17:41

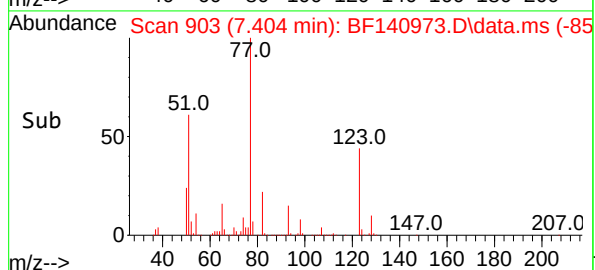
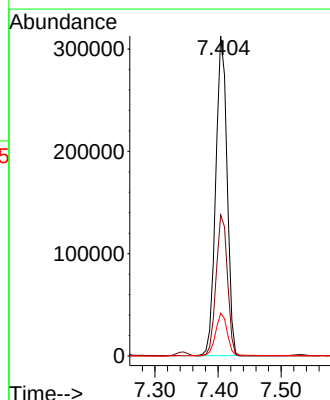
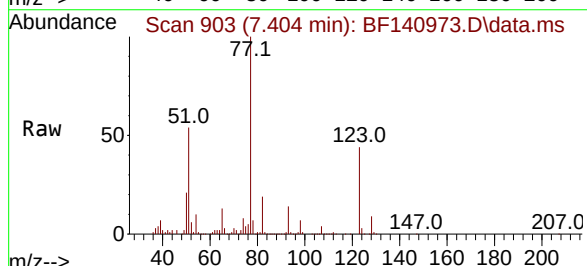
Tgt Ion: 77 Resp: 388514

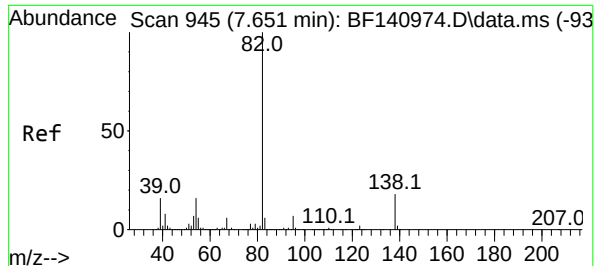
Ion Ratio Lower Upper

77 100

123 44.1 35.4 53.2

65 13.3 10.7 16.1

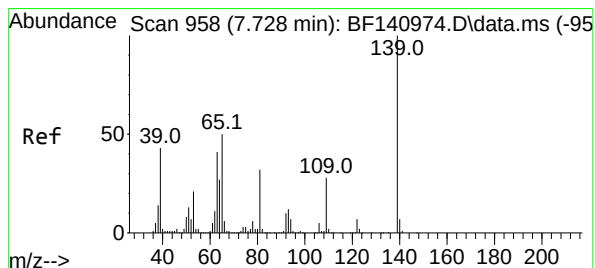
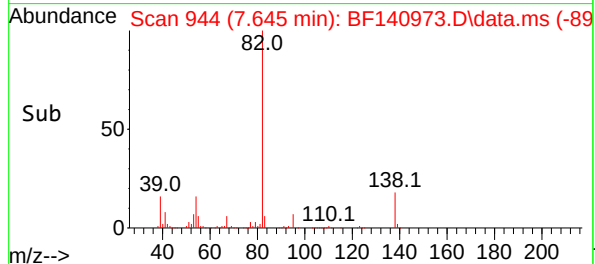
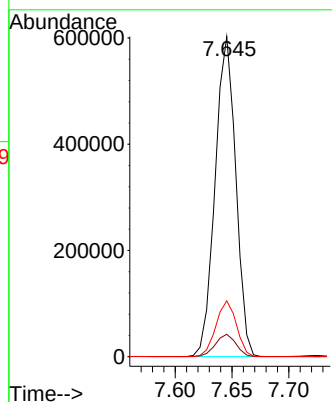
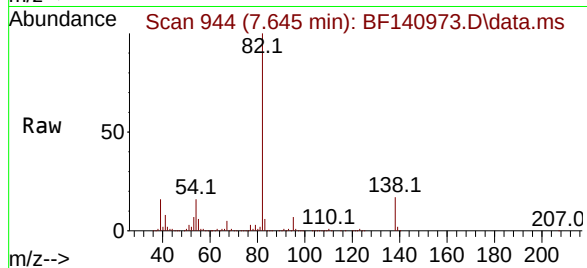




#25
Isophorone
Concen: 20.997 ng
RT: 7.645 min Scan# 944
Delta R.T. -0.006 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

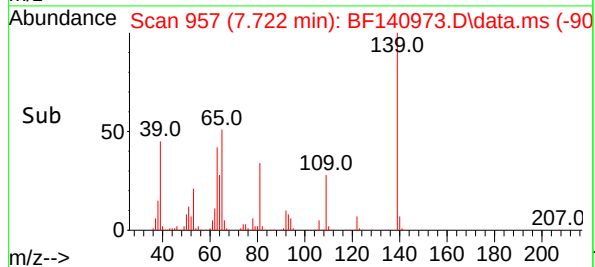
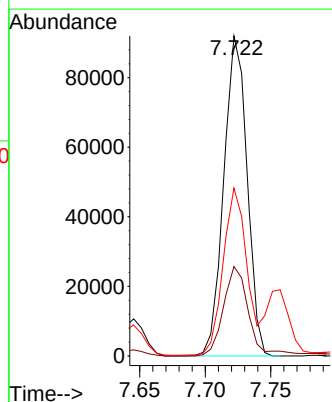
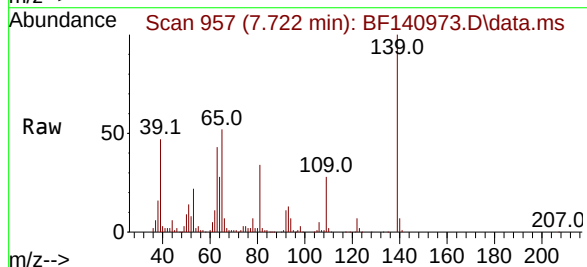
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

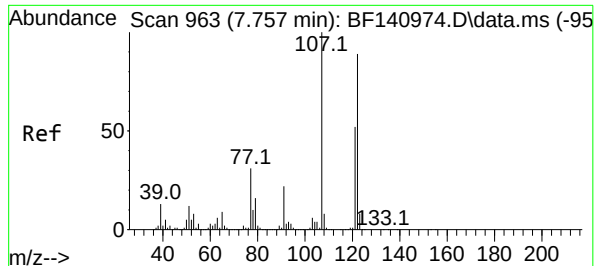
Tgt Ion: 82 Resp: 761280
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 17.4 14.6 21.8



#26
2-Nitrophenol
Concen: 18.546 ng
RT: 7.722 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

Tgt Ion: 139 Resp: 113601
Ion Ratio Lower Upper
139 100
109 28.0 22.2 33.4
65 52.5 40.2 60.4





#27

2,4-Dimethylphenol

Concen: 20.884 ng

RT: 7.757 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF140973.D

Acq: 26 Dec 2024 17:41

Instrument :

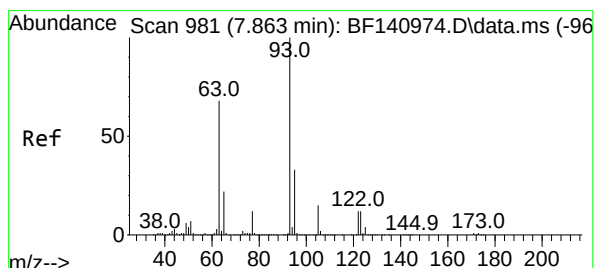
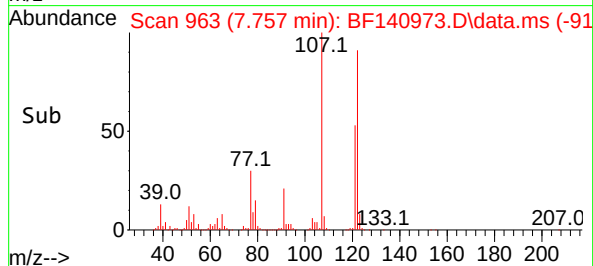
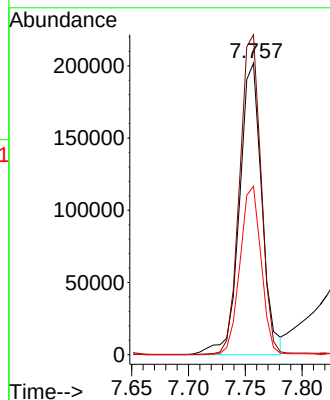
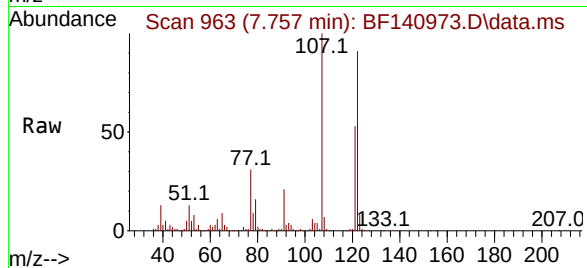
BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:122 Resp: 276735

Ion	Ratio	Lower	Upper
122	100		
107	109.8	89.4	134.2
121	57.7	46.7	70.1



#28

bis(2-Chloroethoxy)methane

Concen: 21.434 ng

RT: 7.857 min Scan# 980

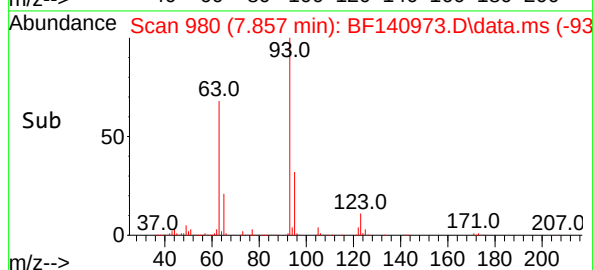
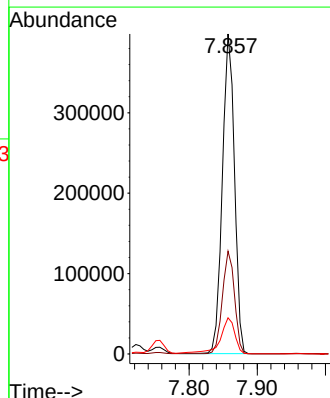
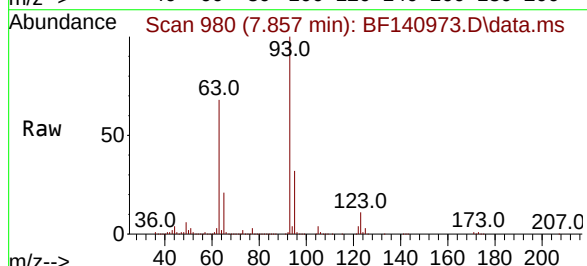
Delta R.T. -0.006 min

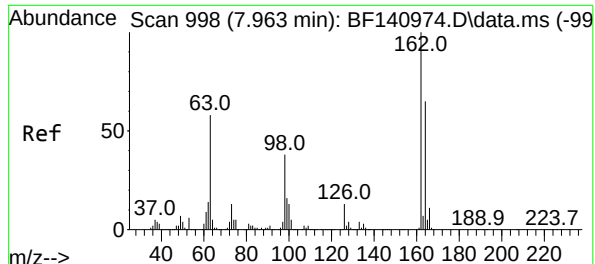
Lab File: BF140973.D

Acq: 26 Dec 2024 17:41

Tgt Ion: 93 Resp: 492370

Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.2	39.4
123	11.3	9.9	14.9





#29

2,4-Dichlorophenol

Concen: 20.906 ng

RT: 7.957 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF140973.D

Acq: 26 Dec 2024 17:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

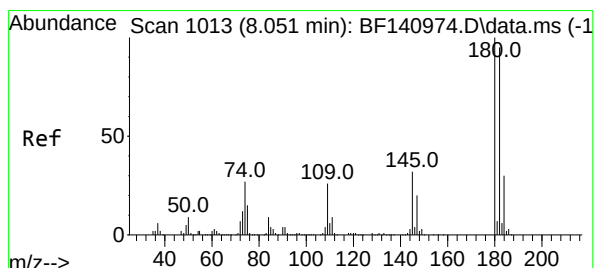
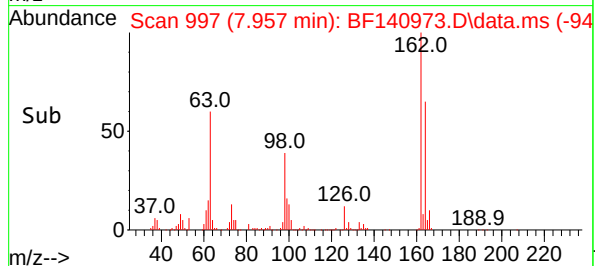
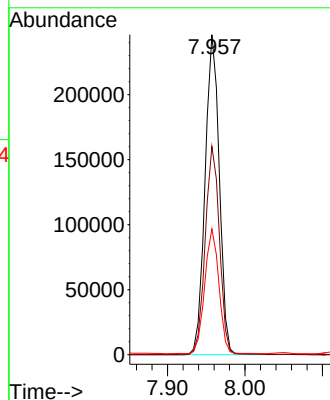
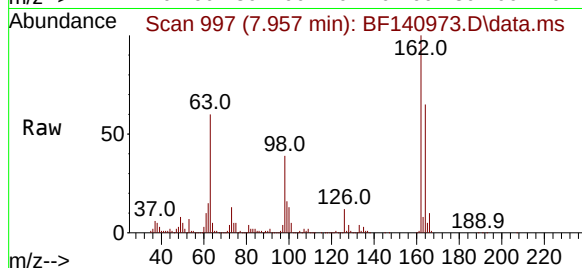
Tgt Ion:162 Resp: 314184

Ion Ratio Lower Upper

162 100

164 65.1 44.8 84.8

98 39.3 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 21.106 ng

RT: 8.051 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF140973.D

Acq: 26 Dec 2024 17:41

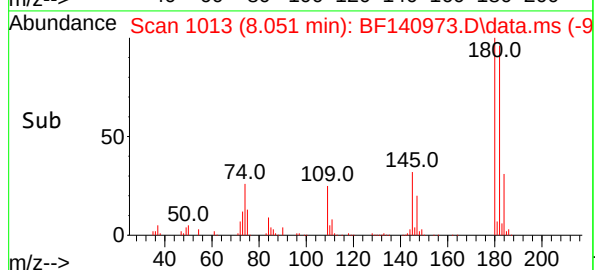
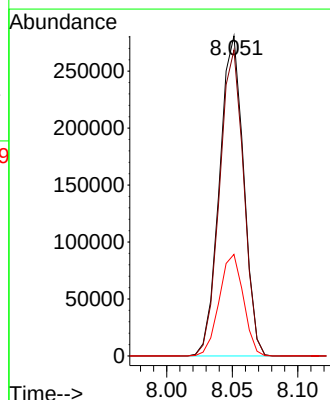
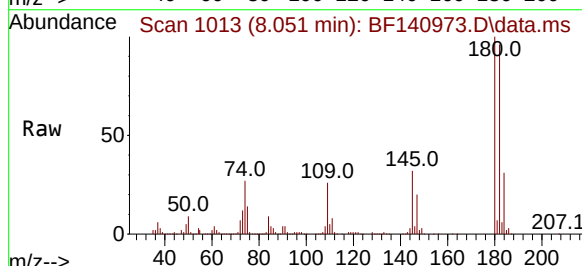
Tgt Ion:180 Resp: 359008

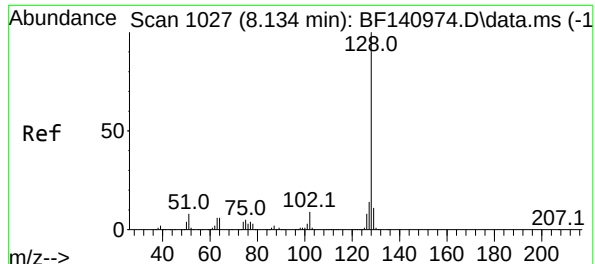
Ion Ratio Lower Upper

180 100

182 95.6 76.2 114.4

145 31.8 25.4 38.2





#31

Naphthalene

Concen: 21.677 ng

RT: 8.134 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140973.D

Acq: 26 Dec 2024 17:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

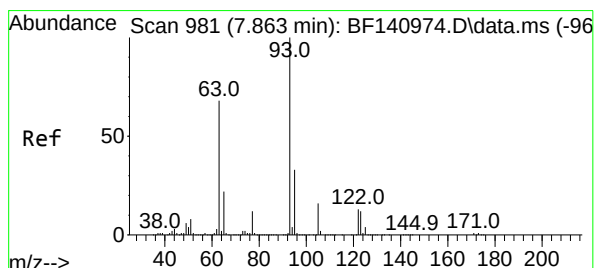
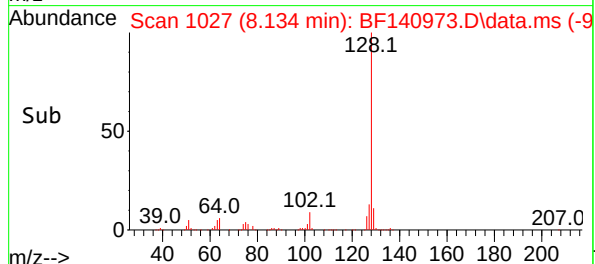
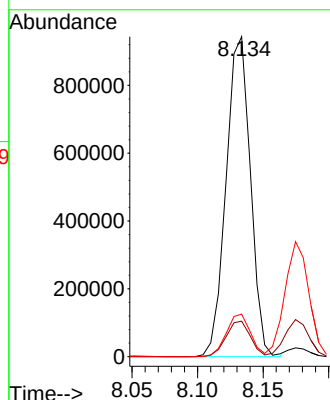
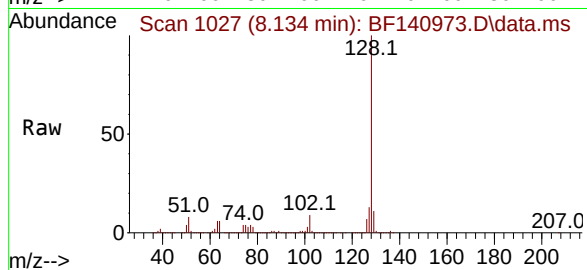
Tgt Ion:128 Resp: 1217616

Ion Ratio Lower Upper

128 100

129 11.1 9.2 13.8

127 13.3 11.0 16.4



#32

Benzoic acid

Concen: 20.134 ng

RT: 7.834 min Scan# 976

Delta R.T. -0.029 min

Lab File: BF140973.D

Acq: 26 Dec 2024 17:41

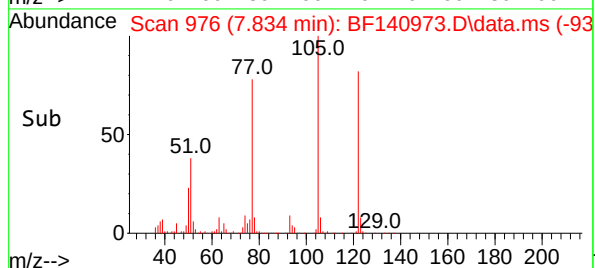
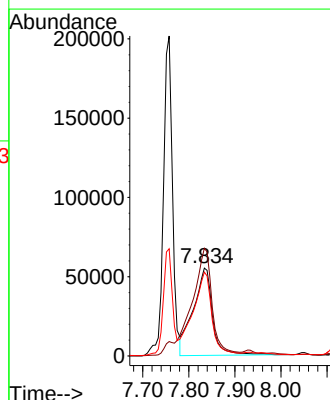
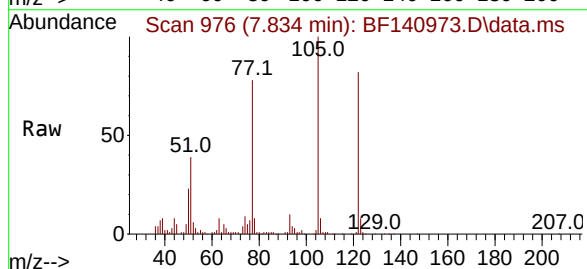
Tgt Ion:122 Resp: 161566

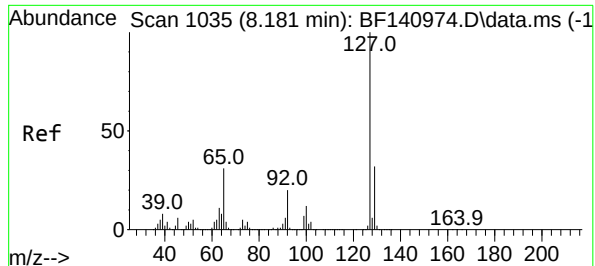
Ion Ratio Lower Upper

122 100

105 122.5 105.4 145.4

77 95.4 76.4 116.4

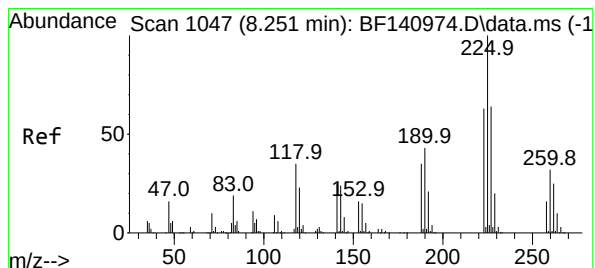
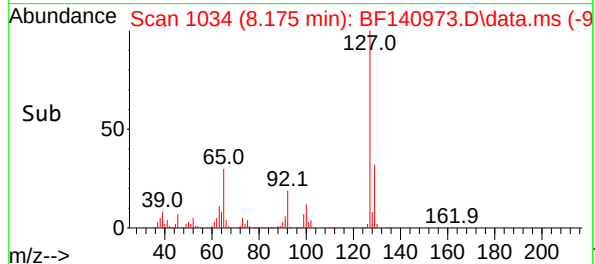
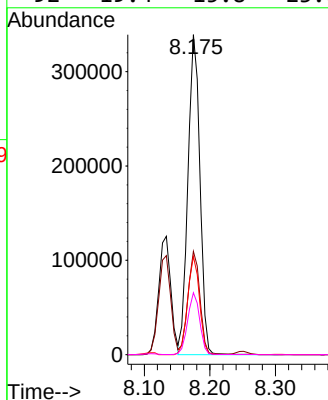
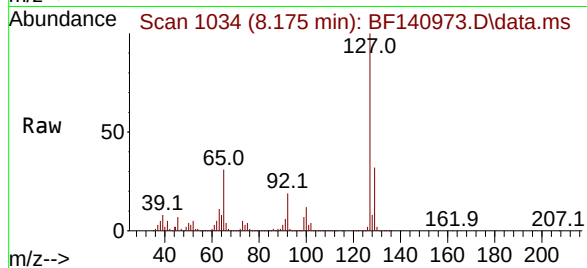




#33
4-Chloroaniline
Concen: 21.167 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

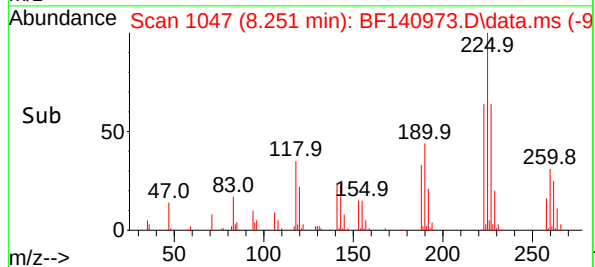
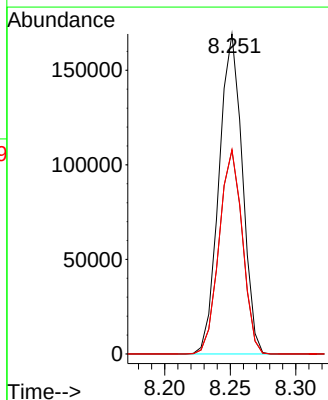
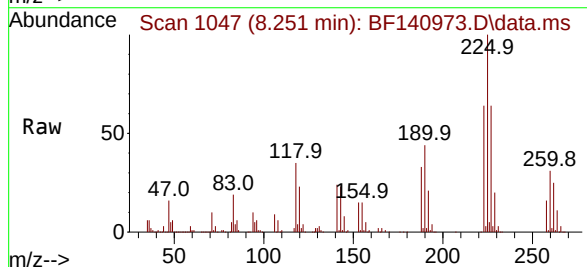
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

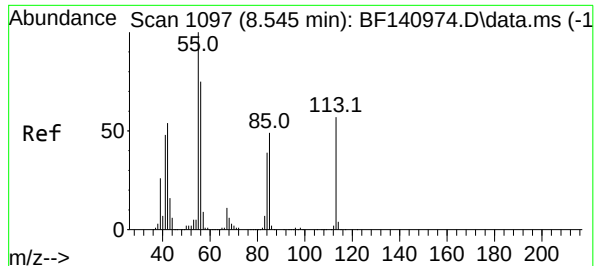
Tgt Ion:	127	Resp:	430141
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.1	39.1
65	30.7	24.6	37.0
92	19.4	15.8	23.6



#34
Hexachlorobutadiene
Concen: 20.878 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

Tgt Ion:	225	Resp:	209359
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.3	75.5
227	63.9	50.8	76.2





#35

Caprolactam

Concen: 20.875 ng

RT: 8.522 min Scan# 1109

Delta R.T. -0.024 min

Lab File: BF140973.D

Acq: 26 Dec 2024 17:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

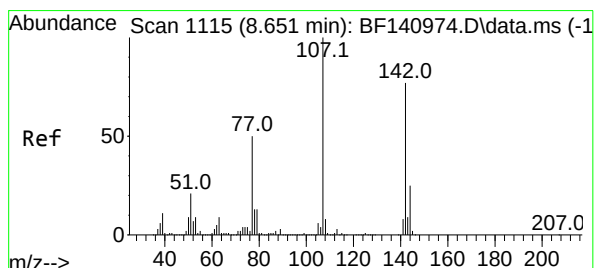
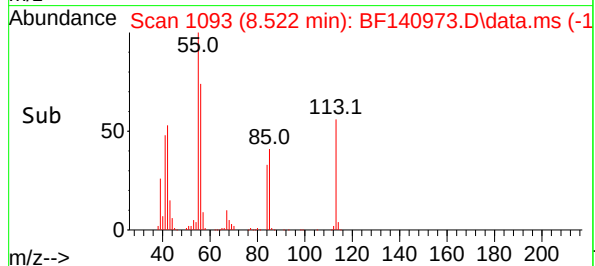
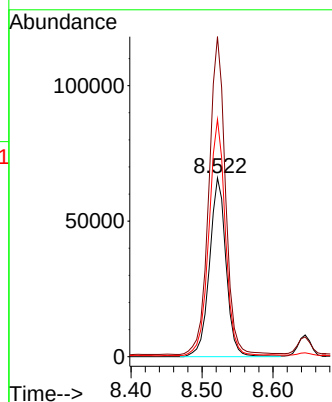
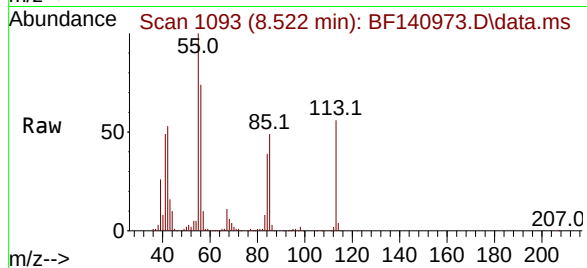
Tgt Ion:113 Resp: 106661

Ion Ratio Lower Upper

113 100

55 179.1 156.6 196.6

56 132.8 111.7 151.7



#36

4-Chloro-3-methylphenol

Concen: 20.870 ng

RT: 8.645 min Scan# 1114

Delta R.T. -0.006 min

Lab File: BF140973.D

Acq: 26 Dec 2024 17:41

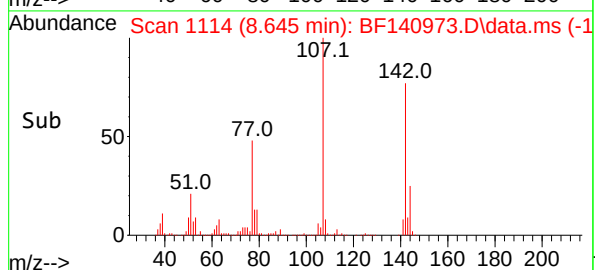
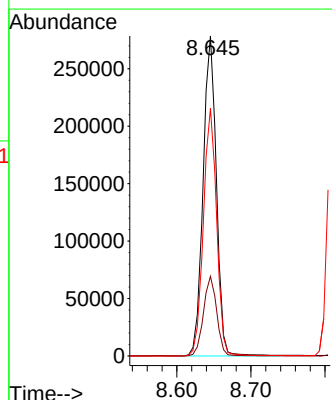
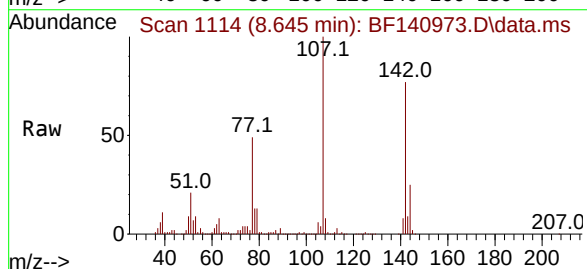
Tgt Ion:107 Resp: 348318

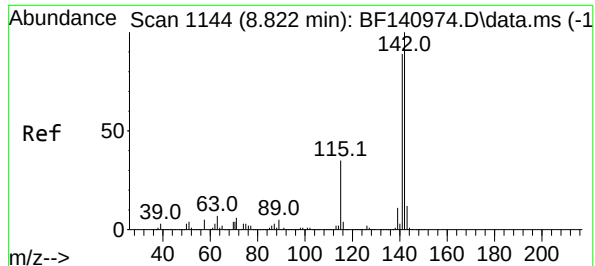
Ion Ratio Lower Upper

107 100

144 24.9 19.9 29.9

142 77.4 61.8 92.8





#37

2-Methylnaphthalene

Concen: 21.701 ng

RT: 8.816 min Scan# 1143

Delta R.T. -0.006 min

Lab File: BF140973.D

Acq: 26 Dec 2024 17:41

Instrument :

BNA_F

ClientSampleId :

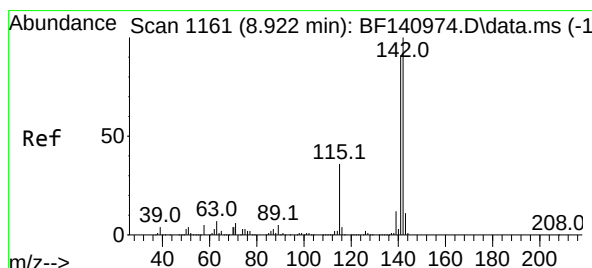
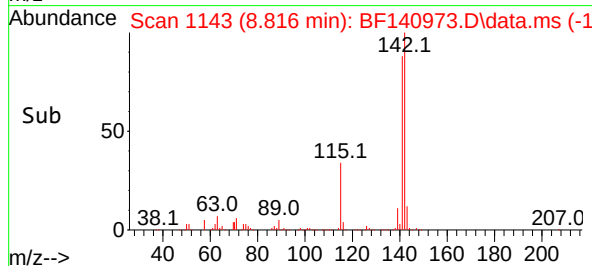
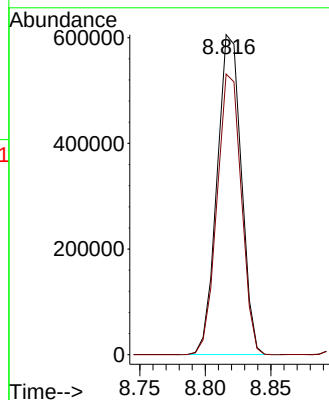
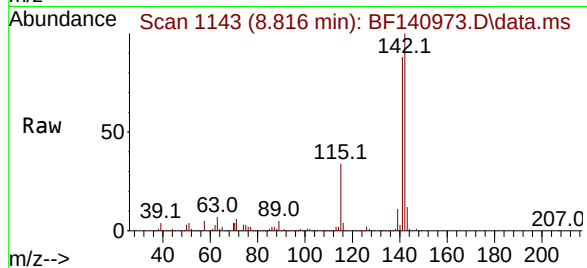
SSTDICC020

Tgt Ion:142 Resp: 779831

Ion Ratio Lower Upper

142 100

141 87.7 71.1 106.7



#38

1-Methylnaphthalene

Concen: 21.432 ng

RT: 8.916 min Scan# 1160

Delta R.T. -0.006 min

Lab File: BF140973.D

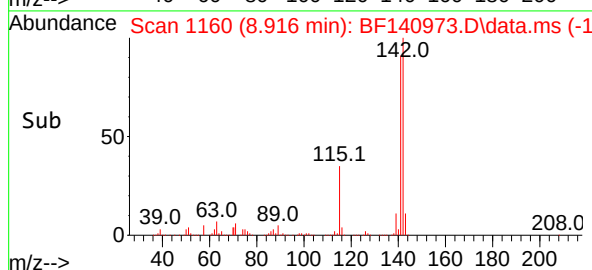
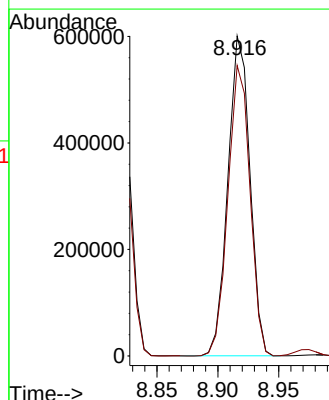
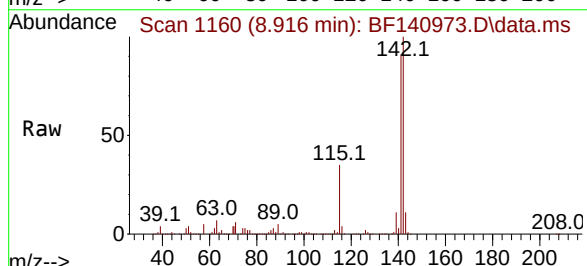
Acq: 26 Dec 2024 17:41

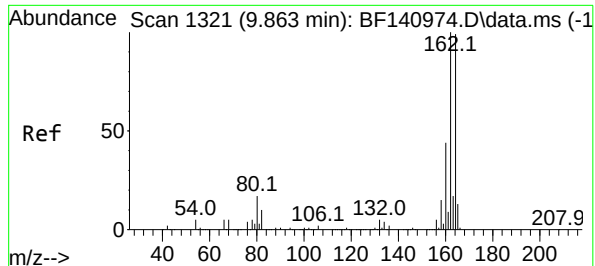
Tgt Ion:142 Resp: 756896

Ion Ratio Lower Upper

142 100

141 90.8 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140973.D

Acq: 26 Dec 2024 17:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

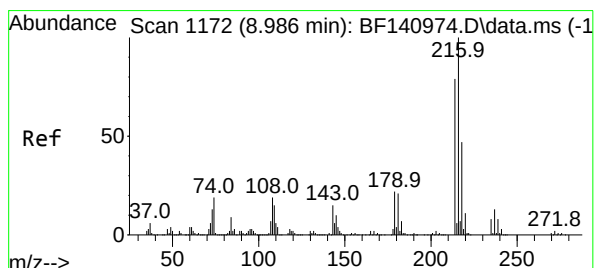
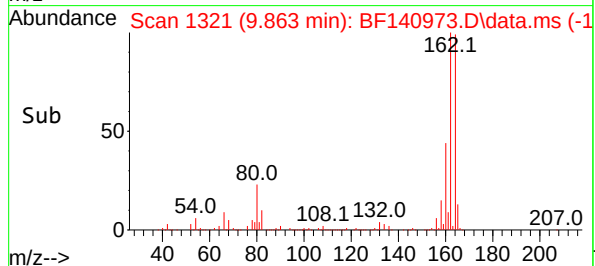
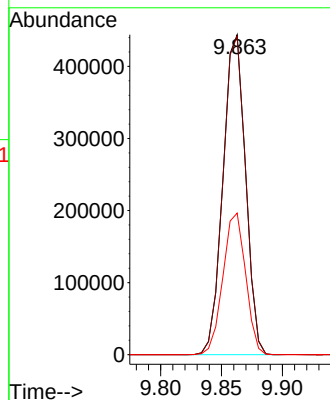
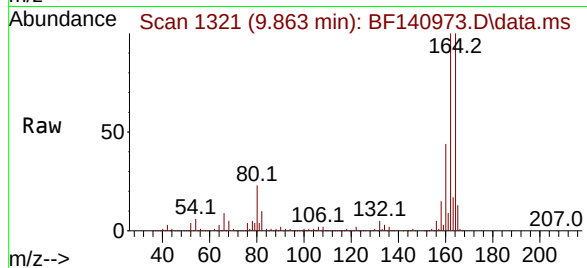
Tgt Ion:164 Resp: 573072

Ion Ratio Lower Upper

164 100

162 99.6 80.6 120.8

160 44.2 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 21.287 ng

RT: 8.981 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF140973.D

Acq: 26 Dec 2024 17:41

Tgt Ion:216 Resp: 335609

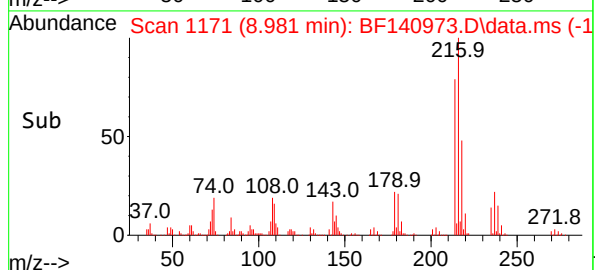
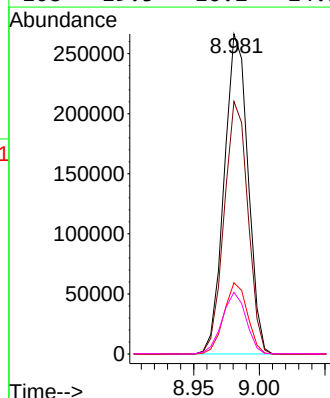
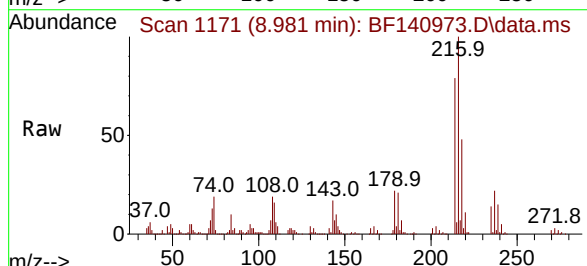
Ion Ratio Lower Upper

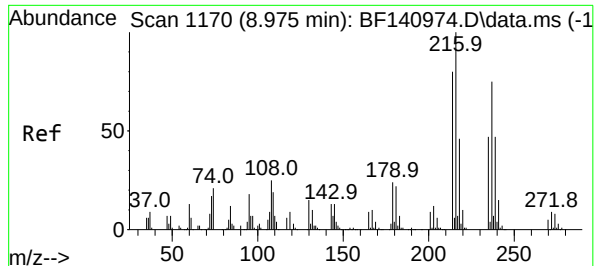
216 100

214 78.7 63.0 94.6

179 22.0 17.9 26.9

108 19.5 16.2 24.2

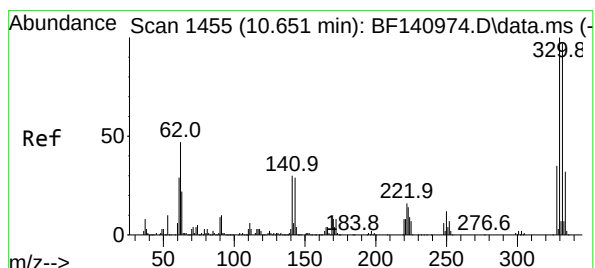
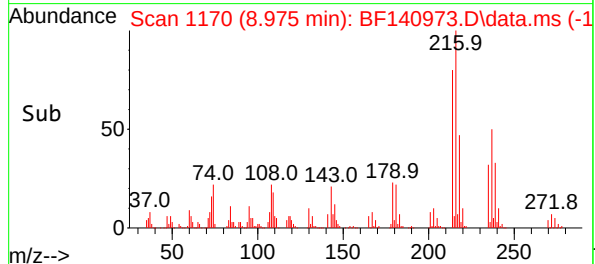
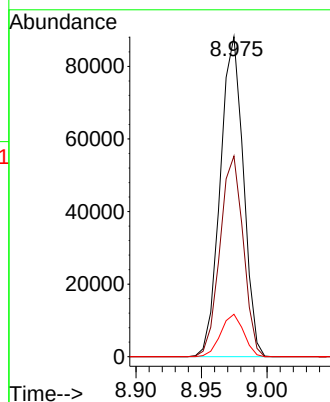
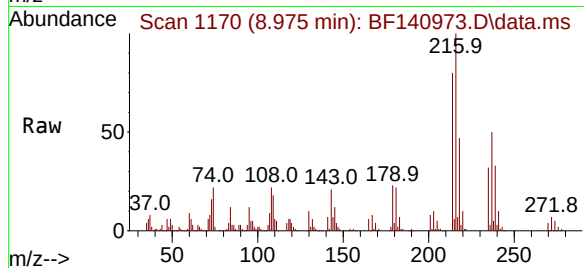




#41
Hexachlorocyclopentadiene
Concen: 20.700 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

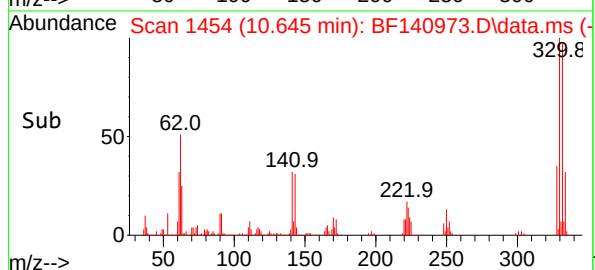
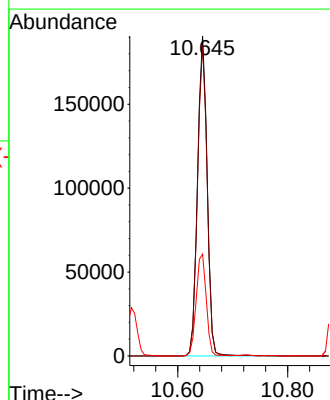
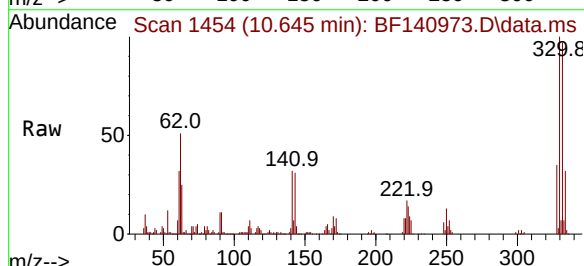
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

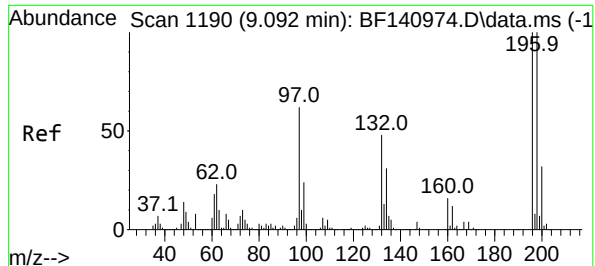
Tgt Ion:237 Resp: 108149
Ion Ratio Lower Upper
237 100
235 62.7 43.4 83.4
272 13.2 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 41.797 ng
RT: 10.645 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

Tgt Ion:330 Resp: 232752
Ion Ratio Lower Upper
330 100
332 97.2 78.0 117.0
141 33.3 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 21.723 ng

RT: 9.092 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF140973.D

Acq: 26 Dec 2024 17:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

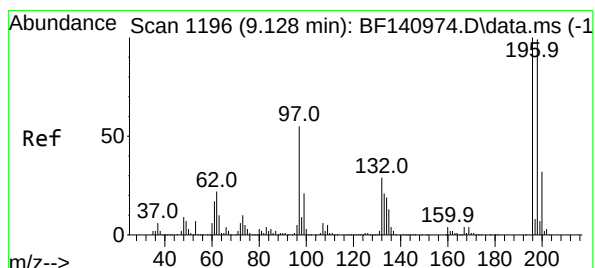
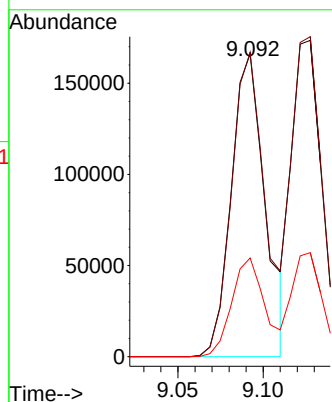
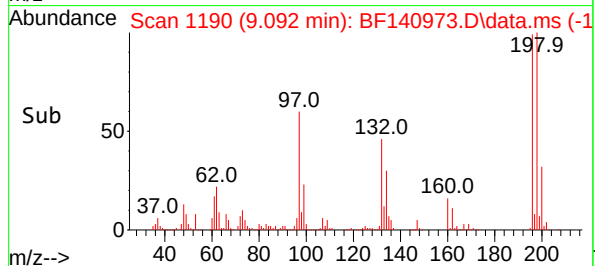
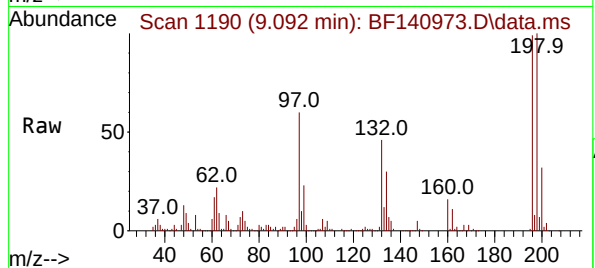
Tgt Ion:196 Resp: 227943

Ion Ratio Lower Upper

196 100

198 100.6 80.2 120.4

200 32.6 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 20.108 ng

RT: 9.128 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF140973.D

Acq: 26 Dec 2024 17:41

Tgt Ion:196 Resp: 215889

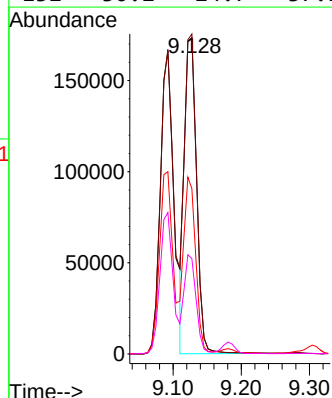
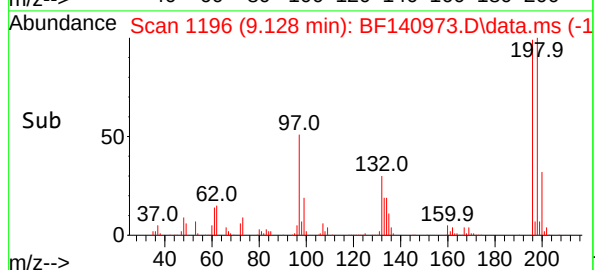
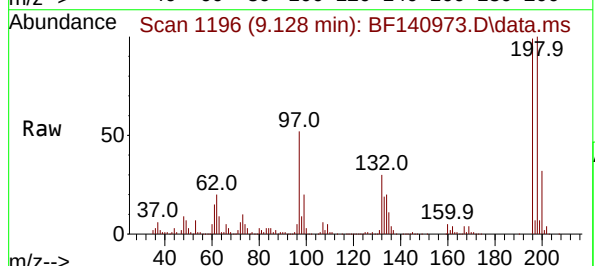
Ion Ratio Lower Upper

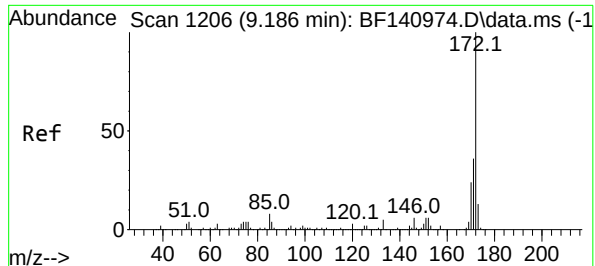
196 100

198 101.1 79.9 119.9

97 52.2 44.3 66.5

132 30.2 24.7 37.1

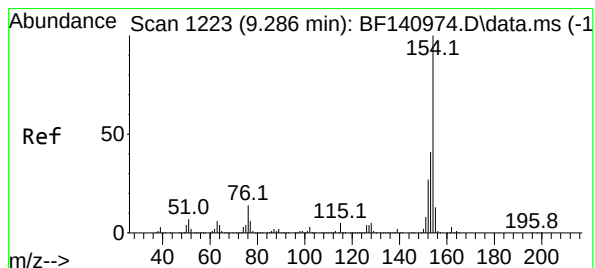
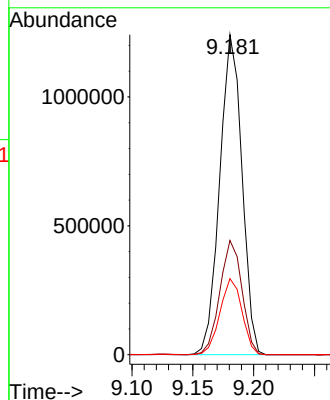
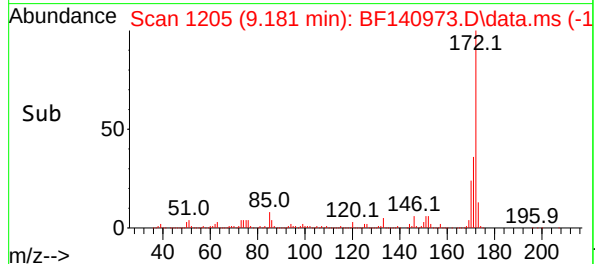
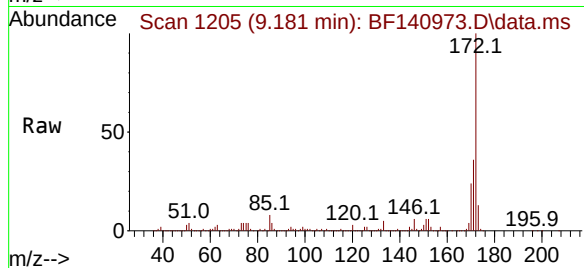




#45
2-Fluorobiphenyl
Concen: 43.899 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

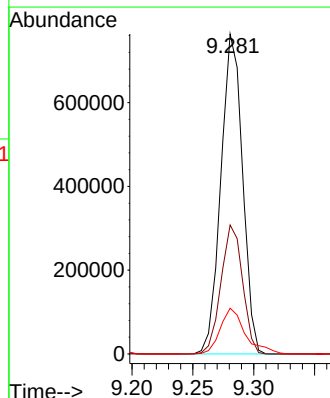
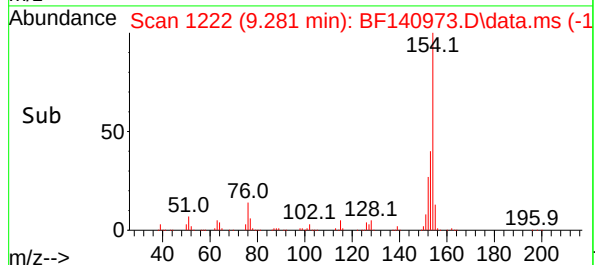
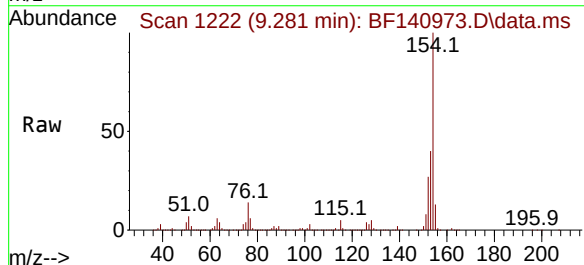
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

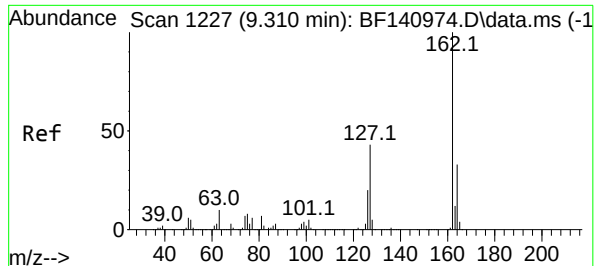
Tgt Ion:172 Resp: 1579020
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.4
170 23.7 19.6 29.4



#46
1,1'-Biphenyl
Concen: 21.562 ng
RT: 9.281 min Scan# 1222
Delta R.T. -0.005 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

Tgt Ion:154 Resp: 946134
Ion Ratio Lower Upper
154 100
153 40.3 20.9 60.9
76 14.3 0.0 34.0





#47

2-Chloronaphthalene

Concen: 21.387 ng

RT: 9.304 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140973.D

Acq: 26 Dec 2024 17:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

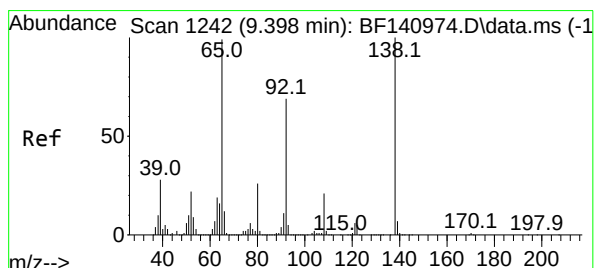
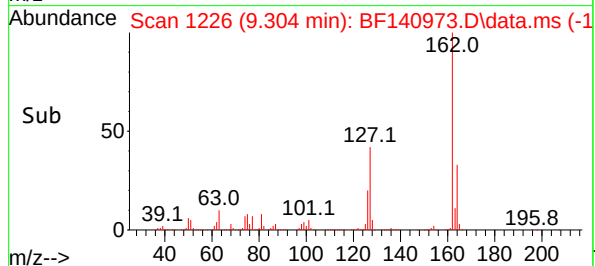
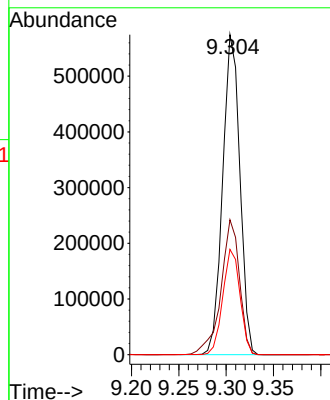
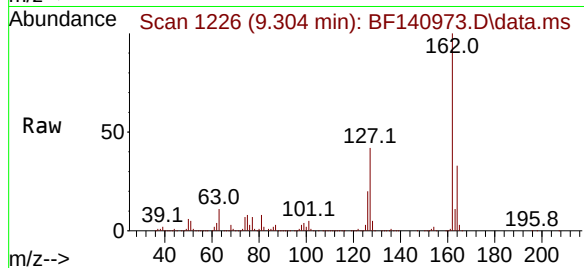
Tgt Ion:162 Resp: 727825

Ion Ratio Lower Upper

162 100

127 42.2 34.2 51.4

164 32.9 26.6 40.0



#48

2-Nitroaniline

Concen: 19.054 ng

RT: 9.398 min Scan# 1242

Delta R.T. 0.000 min

Lab File: BF140973.D

Acq: 26 Dec 2024 17:41

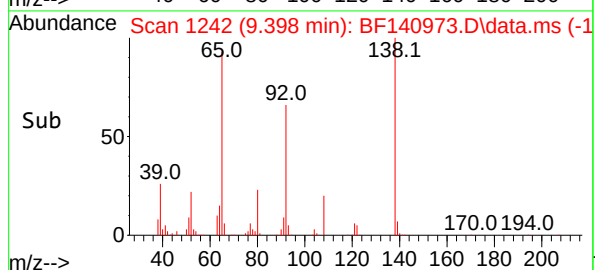
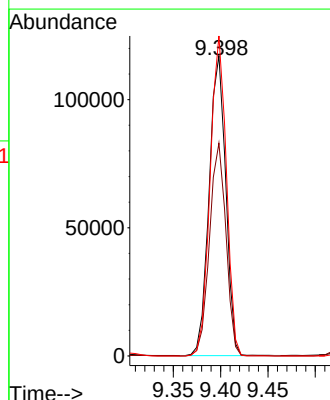
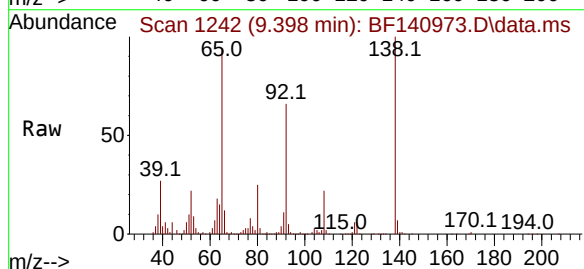
Tgt Ion: 65 Resp: 142035

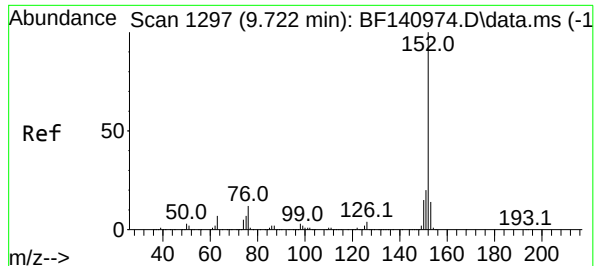
Ion Ratio Lower Upper

65 100

92 70.8 55.6 83.4

138 106.5 80.5 120.7





#49

Acenaphthylene

Concen: 21.333 ng

RT: 9.722 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140973.D

Acq: 26 Dec 2024 17:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

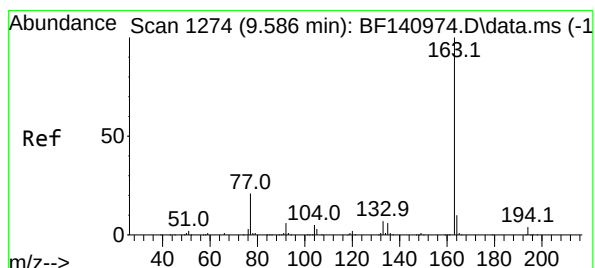
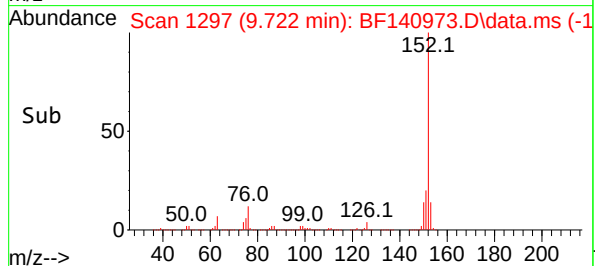
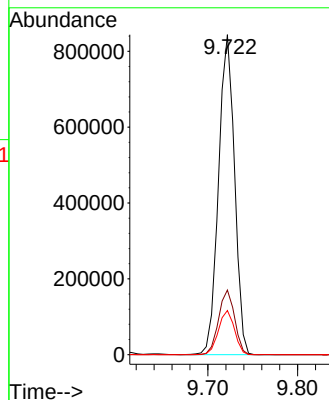
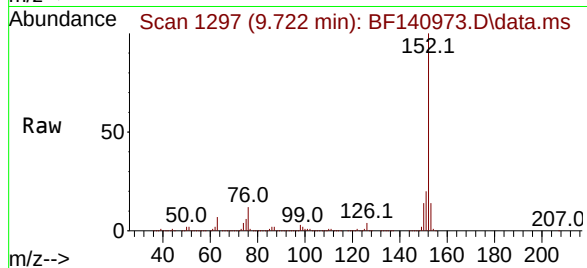
Tgt Ion:152 Resp: 1045099

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

153 13.8 11.4 17.0



#50

Dimethylphthalate

Concen: 21.121 ng

RT: 9.581 min Scan# 1273

Delta R.T. -0.005 min

Lab File: BF140973.D

Acq: 26 Dec 2024 17:41

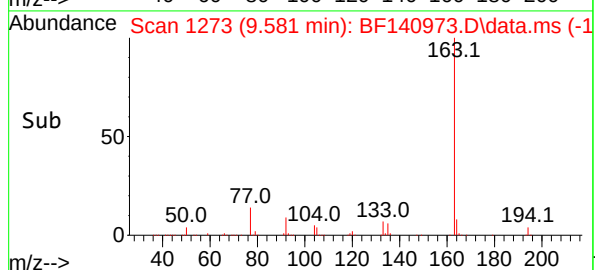
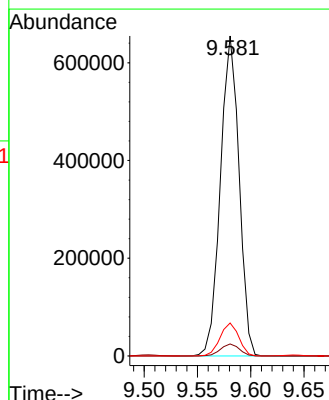
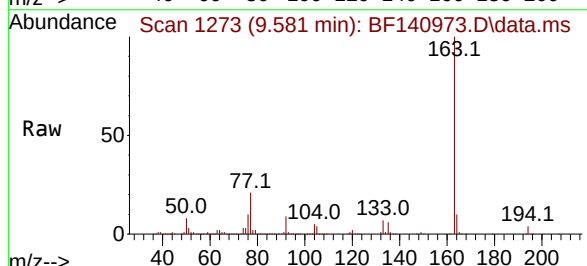
Tgt Ion:163 Resp: 796157

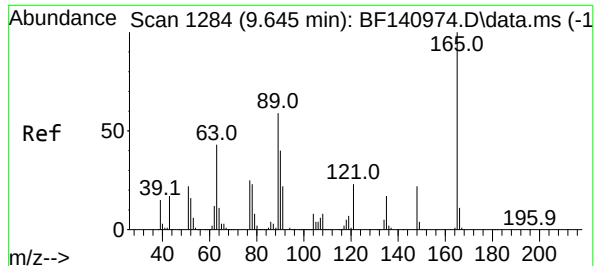
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.3 8.3 12.5

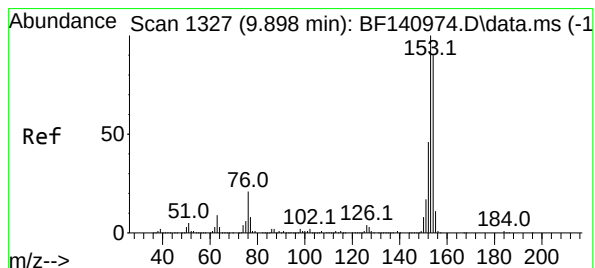
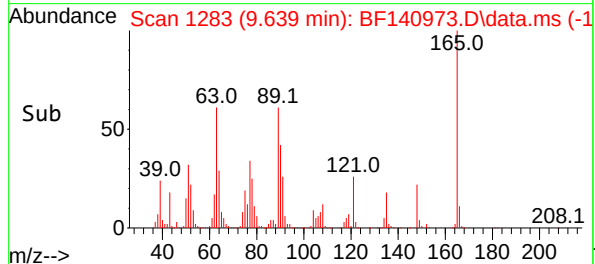
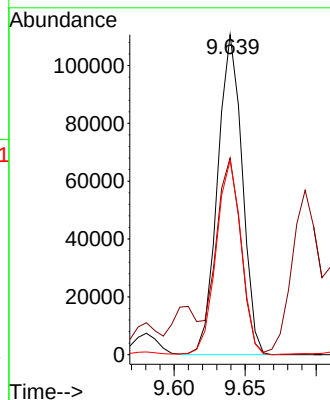
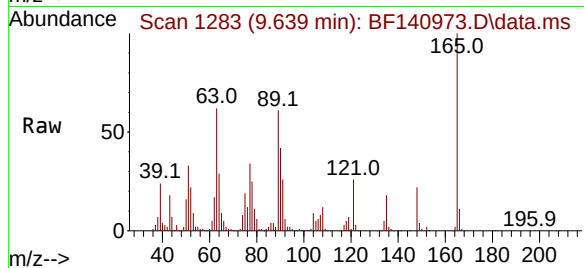




#51
2,6-Dinitrotoluene
Concen: 19.707 ng
RT: 9.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

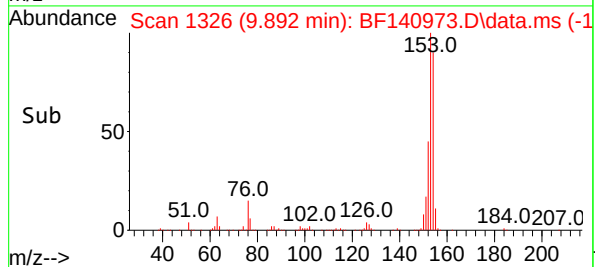
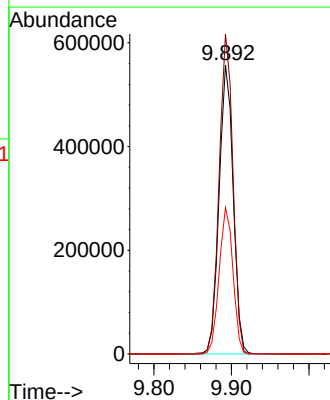
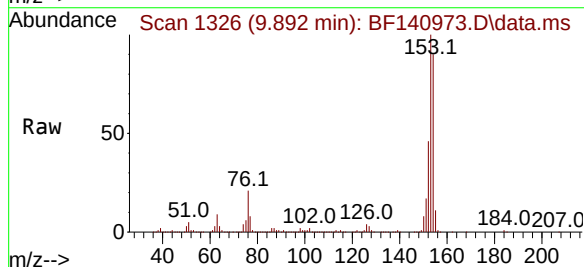
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

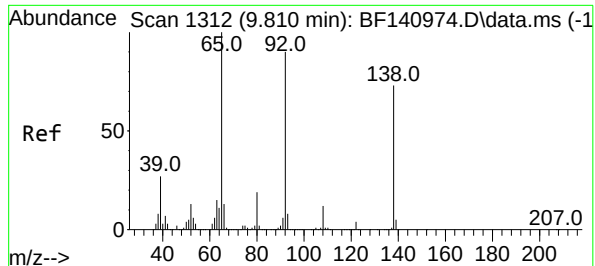
Tgt Ion:165 Resp: 133566
Ion Ratio Lower Upper
165 100
63 61.5 47.1 70.7
89 60.8 47.0 70.4



#52
Acenaphthene
Concen: 21.265 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

Tgt Ion:154 Resp: 704299
Ion Ratio Lower Upper
154 100
153 110.7 89.2 133.8
152 50.7 40.9 61.3

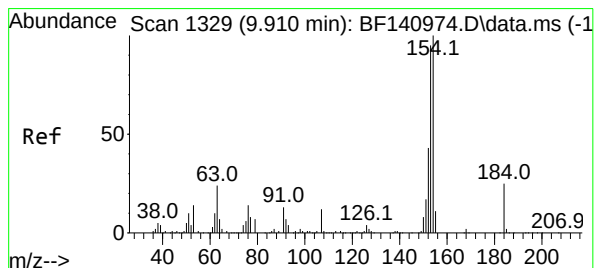
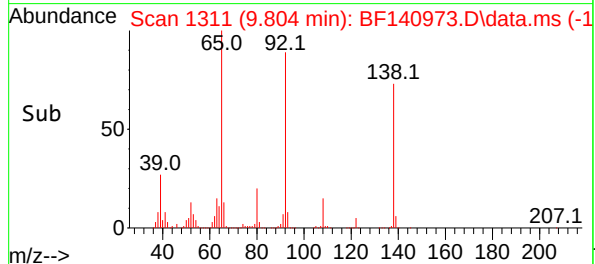
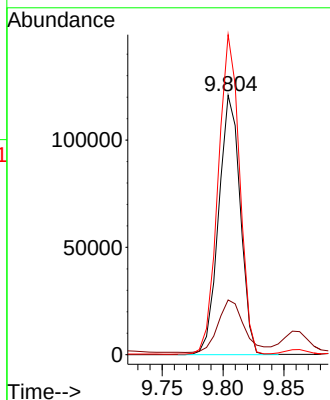
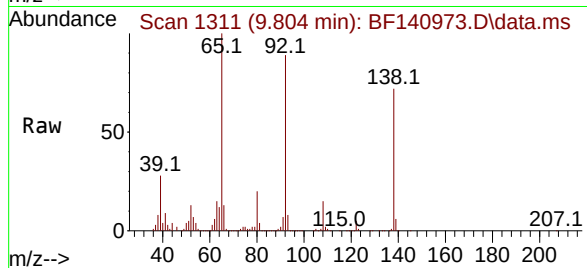




#53
3-Nitroaniline
Concen: 19.906 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

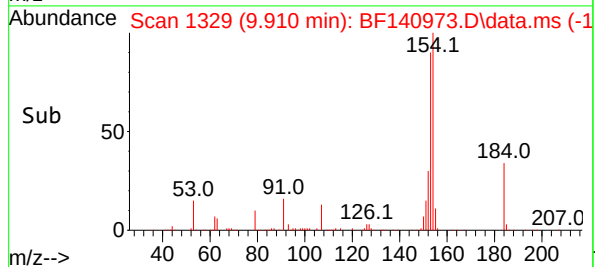
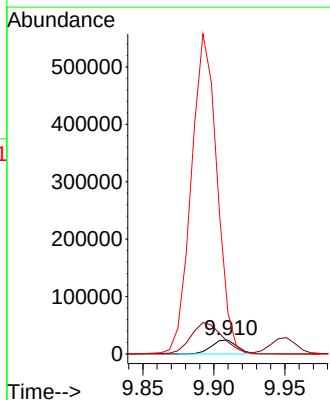
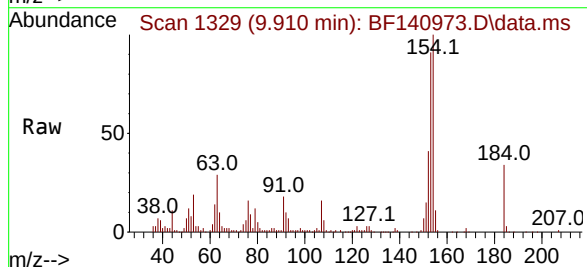
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

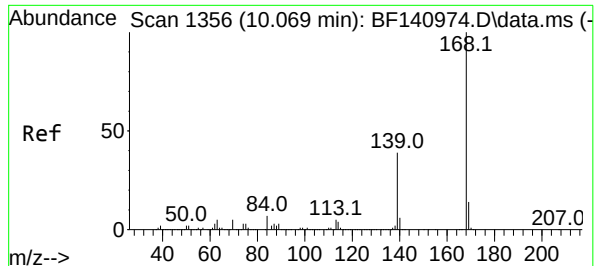
Tgt Ion:138 Resp: 149270
Ion Ratio Lower Upper
138 100
108 21.1 13.5 20.3#
92 123.4 97.7 146.5



#54
2,4-Dinitrophenol
Concen: 19.424 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

Tgt Ion:184 Resp: 30382
Ion Ratio Lower Upper
184 100
63 86.6 81.6 122.4
154 295.3 363.5 545.3#





#55

Dibenzenofuran

Concen: 21.463 ng

RT: 10.063 min Scan# 1355

Delta R.T. -0.006 min

Lab File: BF140973.D

Acq: 26 Dec 2024 17:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

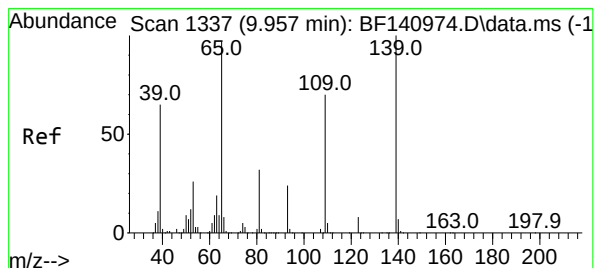
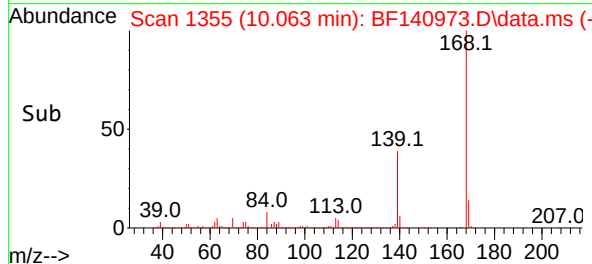
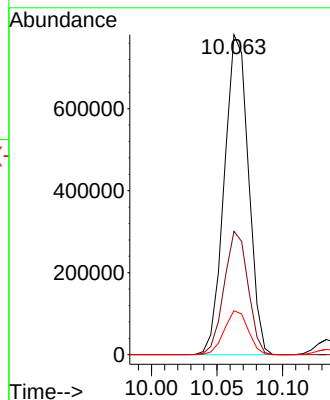
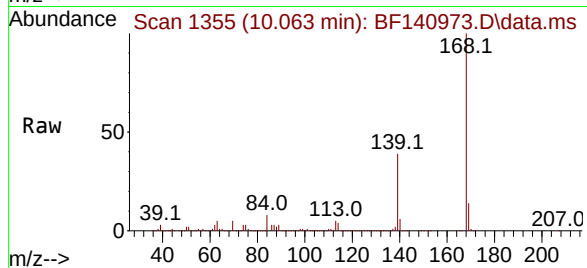
Tgt Ion:168 Resp: 999002

Ion Ratio Lower Upper

168 100

139 38.6 31.6 47.4

169 13.8 11.0 16.6



#56

4-Nitrophenol

Concen: 18.962 ng

RT: 9.951 min Scan# 1336

Delta R.T. -0.006 min

Lab File: BF140973.D

Acq: 26 Dec 2024 17:41

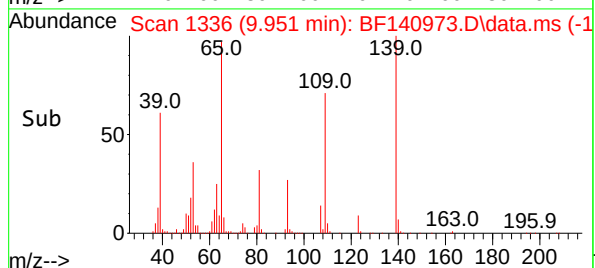
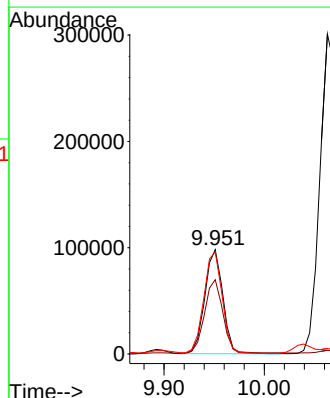
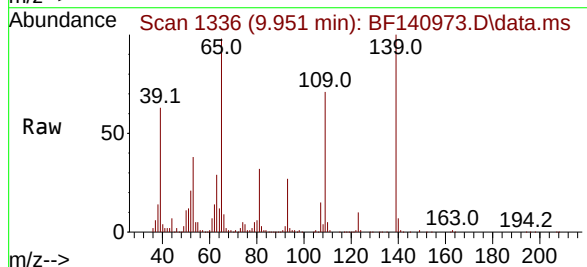
Tgt Ion:139 Resp: 122269

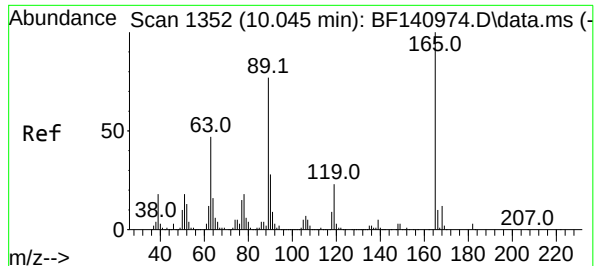
Ion Ratio Lower Upper

139 100

109 71.2 50.8 90.8

65 97.9 78.5 118.5

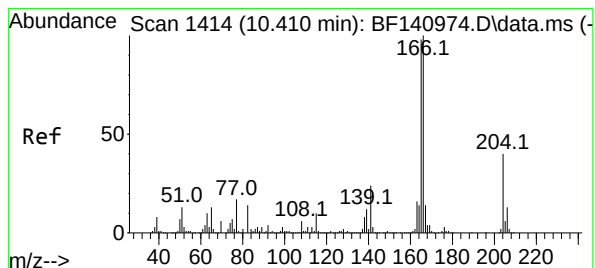
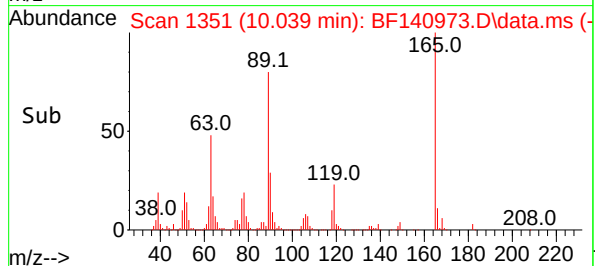
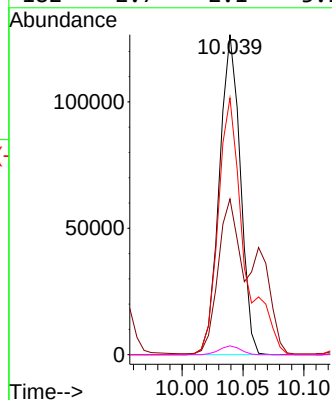
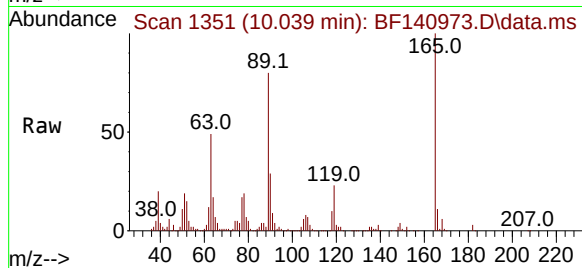




#57
2,4-Dinitrotoluene
Concen: 19.116 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

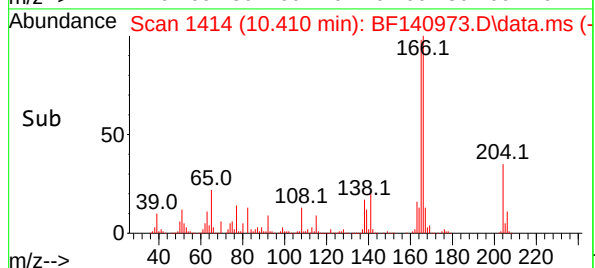
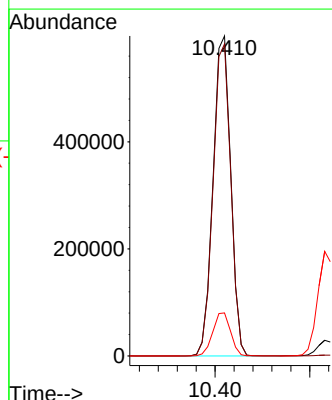
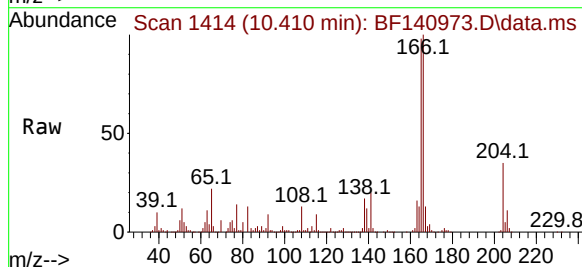
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

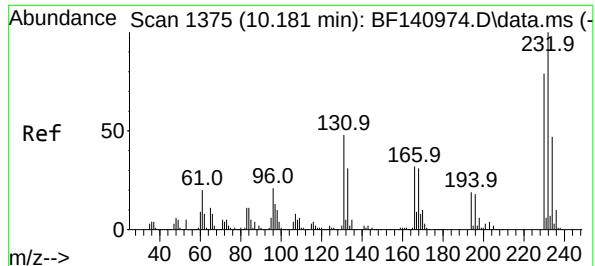
Tgt Ion:165 Resp: 151712
Ion Ratio Lower Upper
165 100
63 48.7 38.1 57.1
89 80.2 61.4 92.2
182 2.7 2.1 3.1



#58
Fluorene
Concen: 21.447 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

Tgt Ion:166 Resp: 774090
Ion Ratio Lower Upper
166 100
165 97.5 78.3 117.5
167 13.5 10.9 16.3

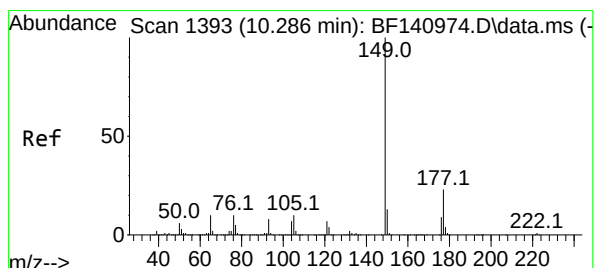
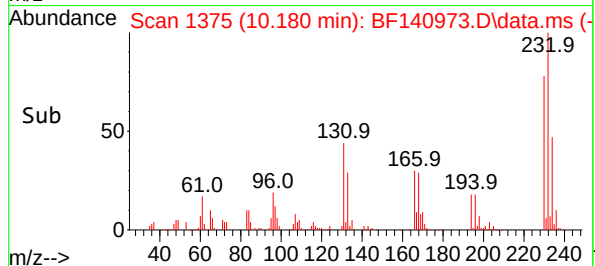
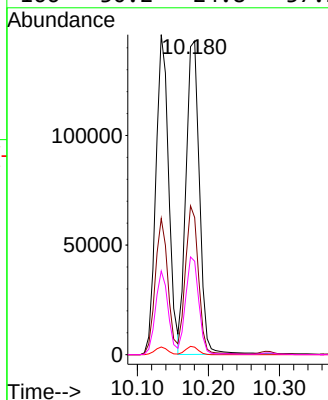
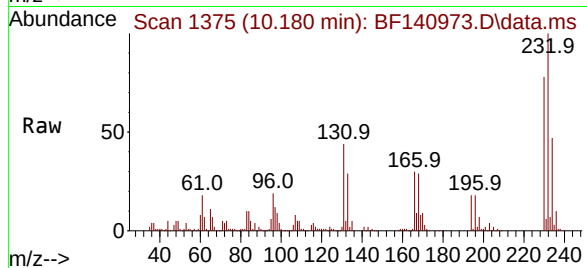




#59
2,3,4,6-Tetrachlorophenol
Concen: 21.084 ng
RT: 10.180 min Scan# 1375
Delta R.T. -0.000 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

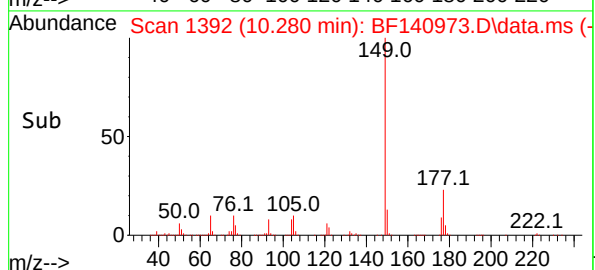
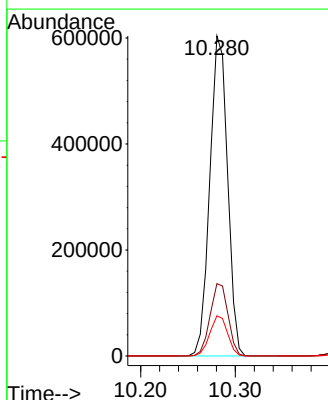
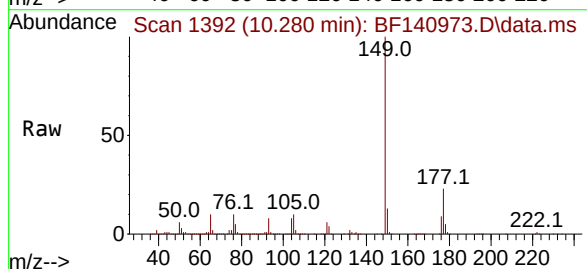
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

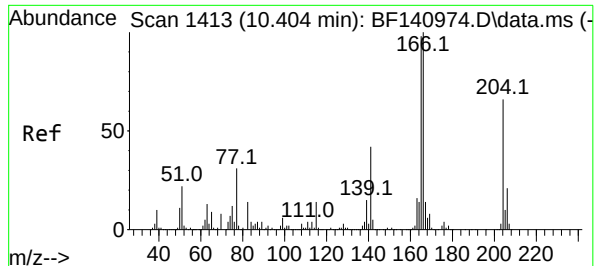
Tgt Ion:232 Resp: 187475
Ion Ratio Lower Upper
232 100
131 46.1 37.4 56.2
130 2.5 1.8 2.8
166 30.2 24.8 37.2



#60
Diethylphthalate
Concen: 21.089 ng
RT: 10.280 min Scan# 1392
Delta R.T. -0.006 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

Tgt Ion:149 Resp: 784780
Ion Ratio Lower Upper
149 100
177 22.6 18.3 27.5
150 12.6 10.4 15.6

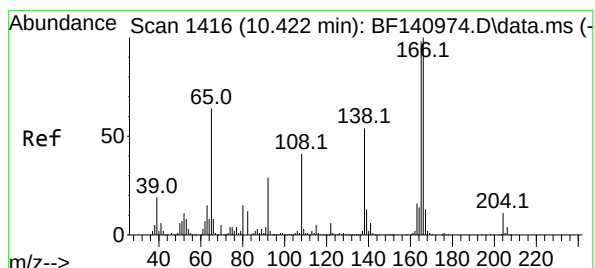
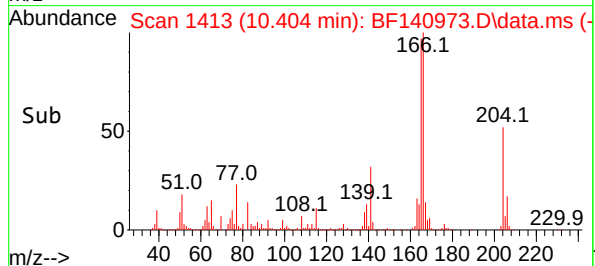
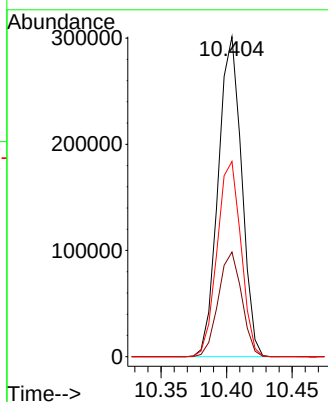
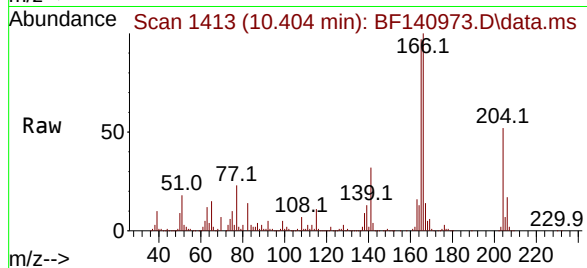




#61
4-Chlorophenyl-phenylether
Concen: 21.556 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

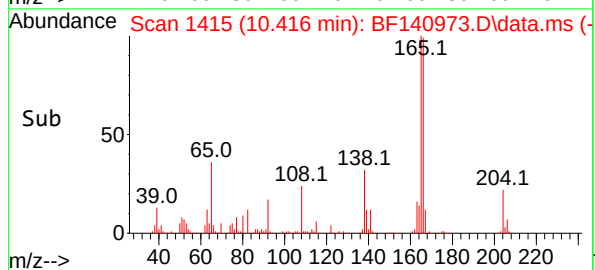
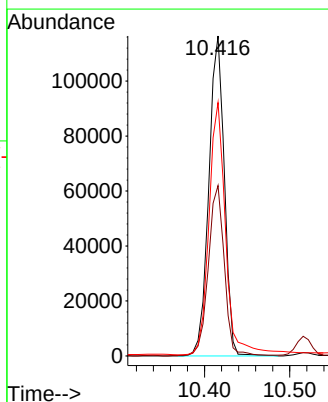
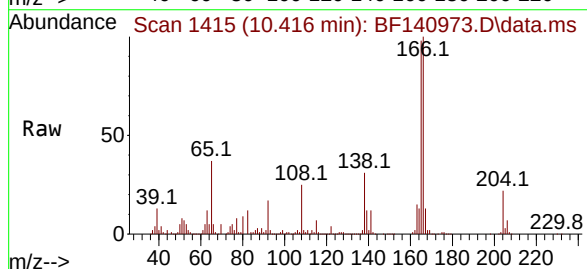
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

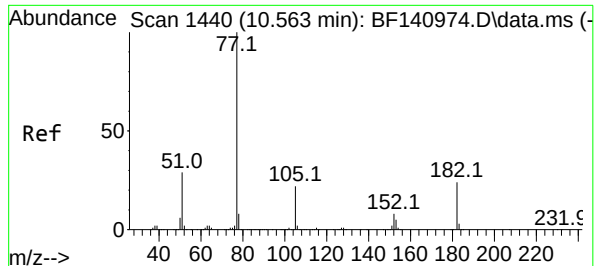
Tgt Ion:204 Resp: 374361
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.6
141 61.0 51.2 76.8



#62
4-Nitroaniline
Concen: 19.756 ng
RT: 10.416 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

Tgt Ion:138 Resp: 147320
Ion Ratio Lower Upper
138 100
92 53.2 34.8 74.8
108 79.2 55.9 95.9

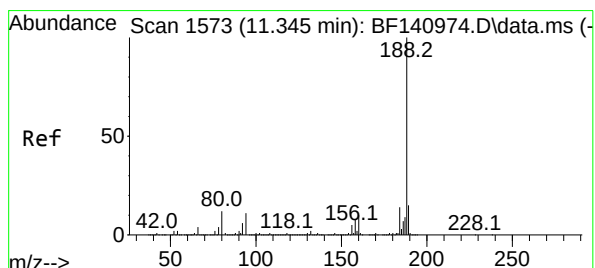
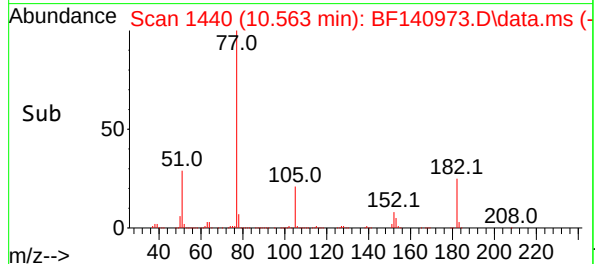
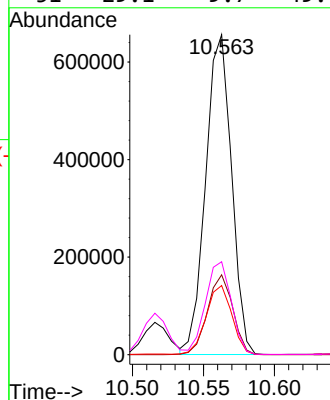
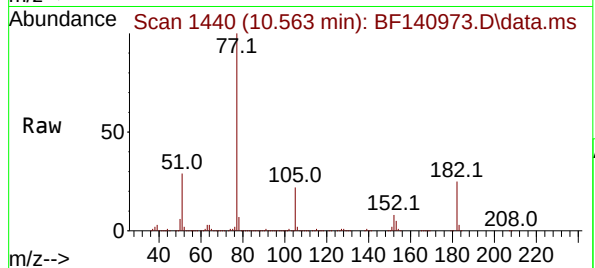




#63
Azobenzene
Concen: 21.240 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

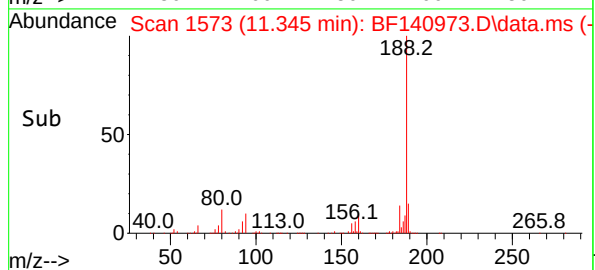
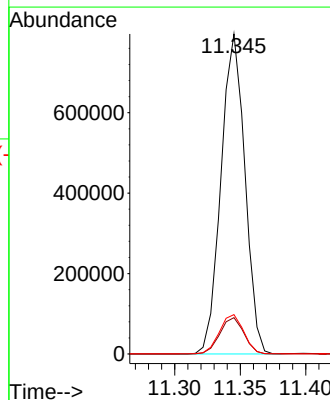
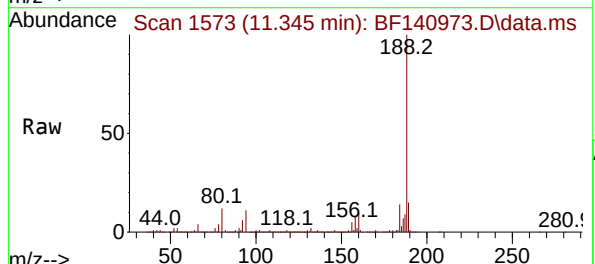
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

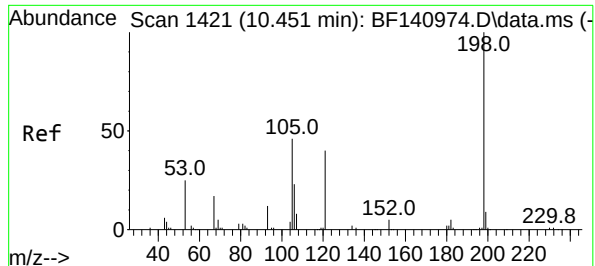
Tgt Ion: 77 Resp: 829641
Ion Ratio Lower Upper
77 100
182 24.9 4.1 44.1
105 21.6 1.8 41.8
51 29.1 9.7 49.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

Tgt Ion: 188 Resp: 1007534
Ion Ratio Lower Upper
188 100
94 11.3 9.0 13.6
80 12.3 9.8 14.6

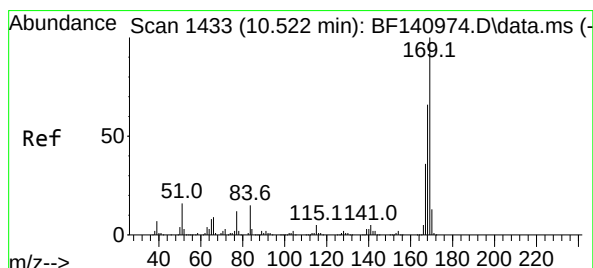
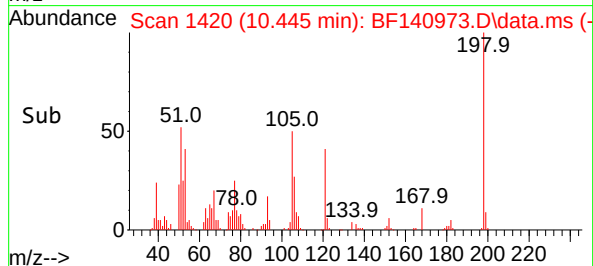
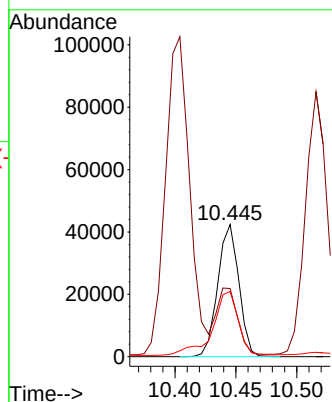
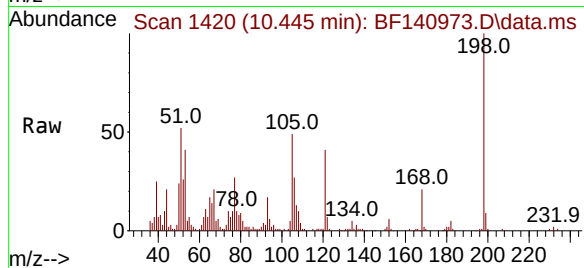




#65
4,6-Dinitro-2-methylphenol
Concen: 19.580 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

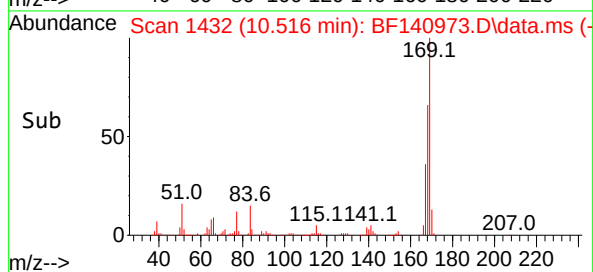
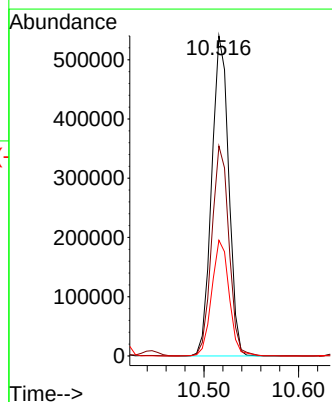
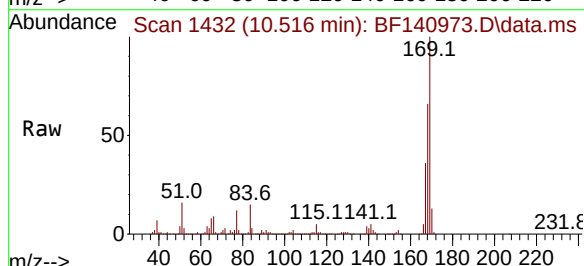
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

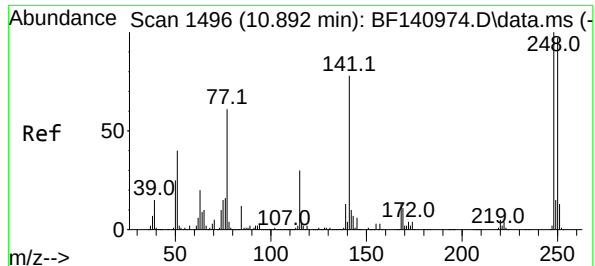
Tgt Ion	Ratio	Lower	Upper
198	100		
51	51.6	32.3	72.3
105	49.4	28.4	68.4



#66
n-Nitrosodiphenylamine
Concen: 21.221 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.6	52.6	79.0
167	36.2	29.0	43.4

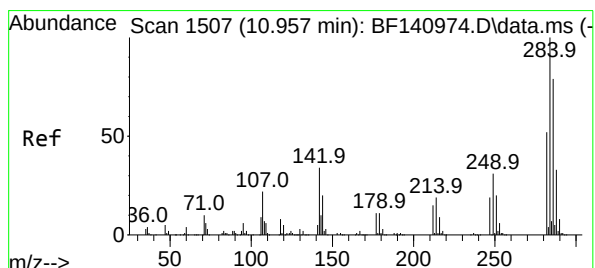
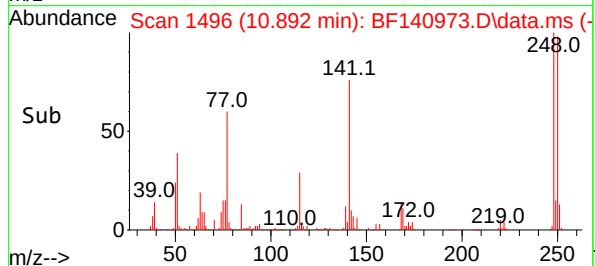
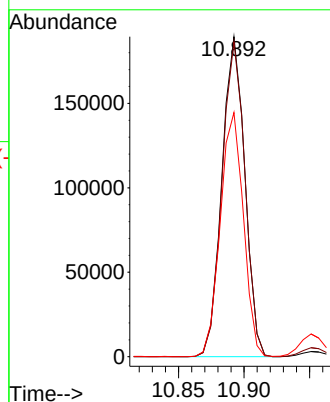
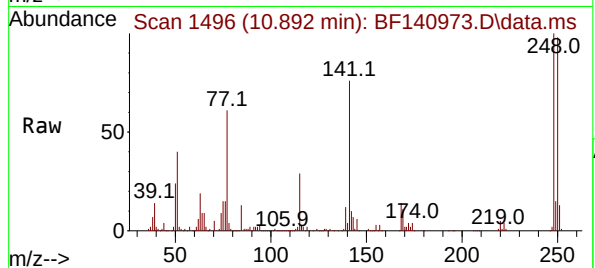




#67
4-Bromophenyl-phenylether
Concen: 21.137 ng
RT: 10.892 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

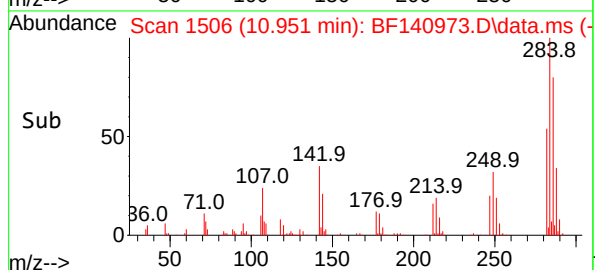
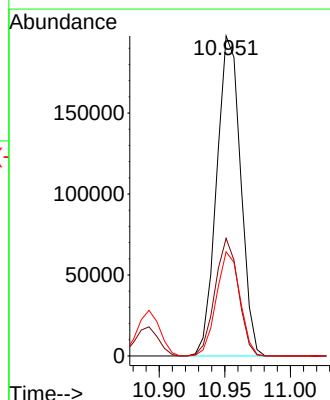
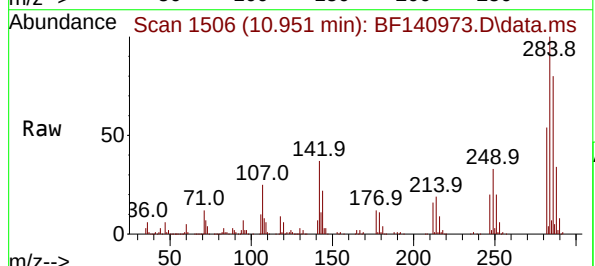
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

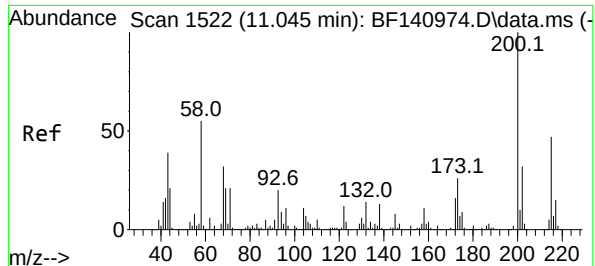
Tgt Ion:248 Resp: 230220
Ion Ratio Lower Upper
248 100
250 98.4 77.7 116.5
141 76.3 62.1 93.1



#68
Hexachlorobenzene
Concen: 20.861 ng
RT: 10.951 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

Tgt Ion:284 Resp: 250540
Ion Ratio Lower Upper
284 100
142 36.8 27.1 40.7
249 32.6 25.1 37.7





#69

Atrazine

Concen: 21.443 ng

RT: 11.045 min Scan# 1522

Delta R.T. 0.000 min

Lab File: BF140973.D

Acq: 26 Dec 2024 17:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

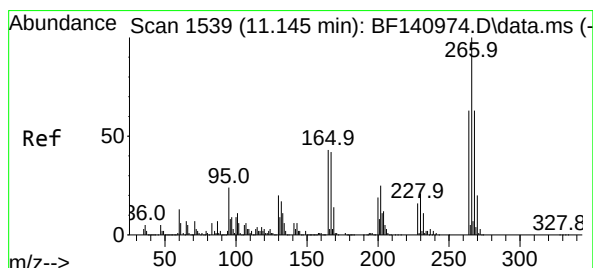
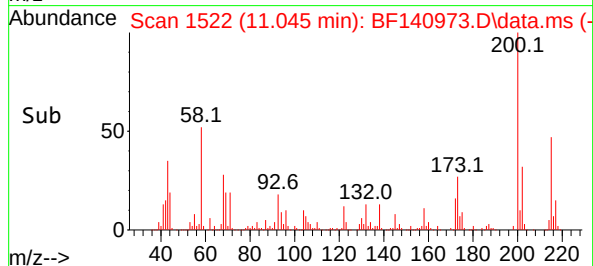
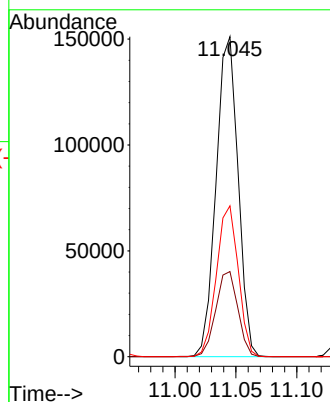
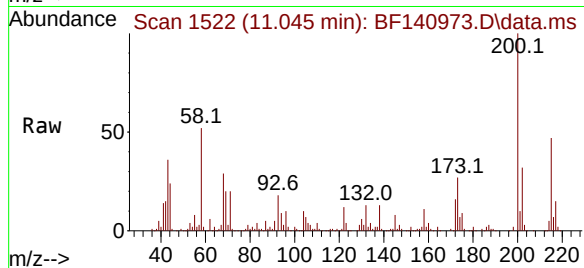
Tgt Ion:200 Resp: 190058

Ion Ratio Lower Upper

200 100

173 26.6 6.4 46.4

215 47.2 27.2 67.2



#70

Pentachlorophenol

Concen: 20.736 ng

RT: 11.145 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF140973.D

Acq: 26 Dec 2024 17:41

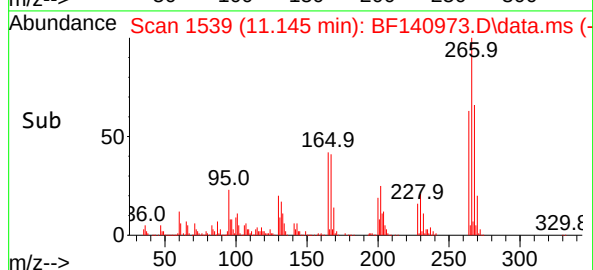
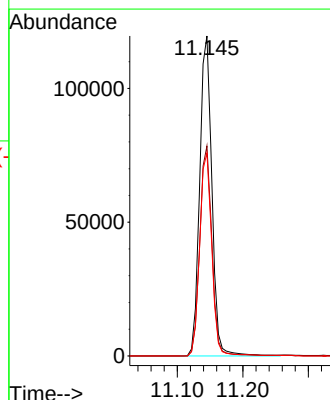
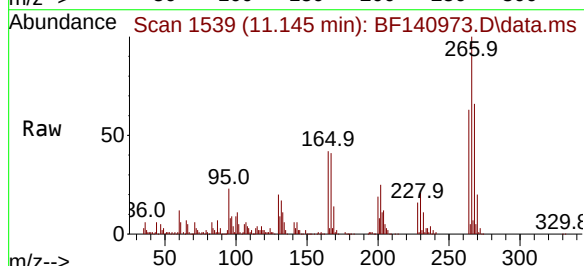
Tgt Ion:266 Resp: 155053

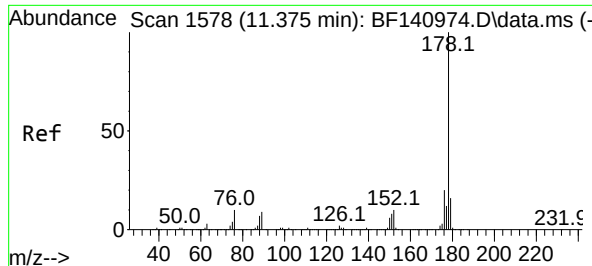
Ion Ratio Lower Upper

266 100

268 65.6 50.5 75.7

264 63.4 50.2 75.4

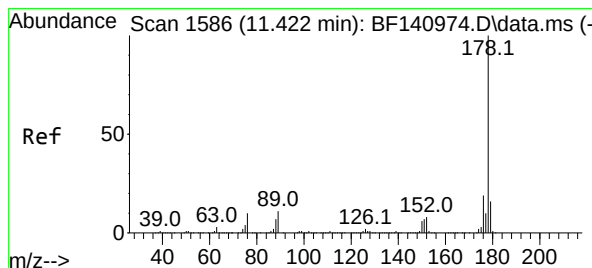
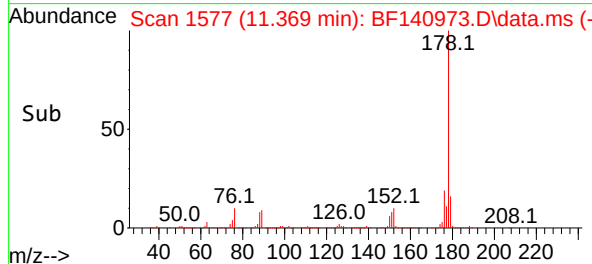
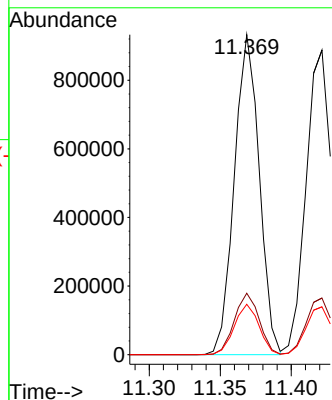
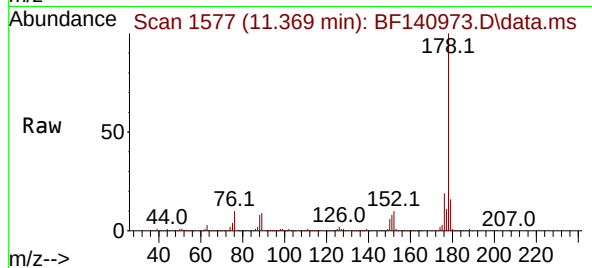




#71
Phenanthrene
Concen: 21.443 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

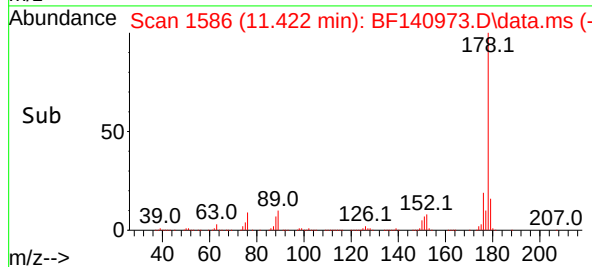
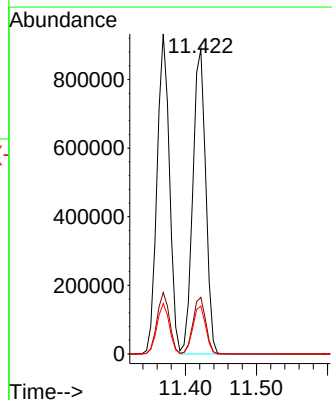
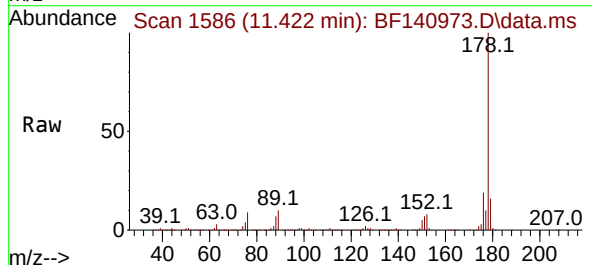
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

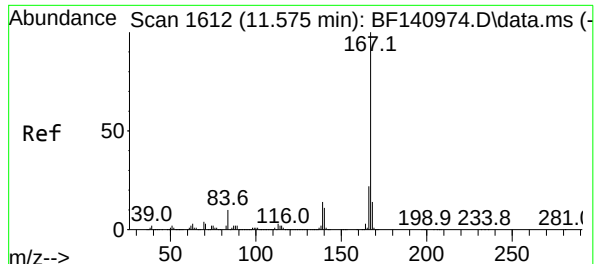
Tgt Ion:178 Resp: 1137057
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.6
179 15.7 12.6 19.0



#72
Anthracene
Concen: 21.582 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

Tgt Ion:178 Resp: 1121403
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 15.7 12.9 19.3

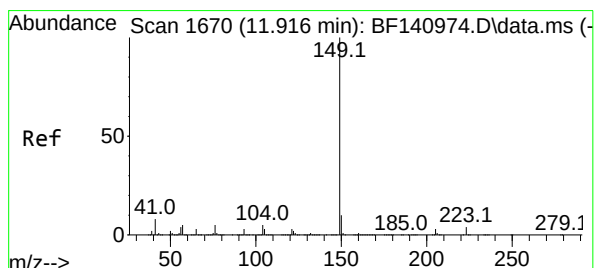
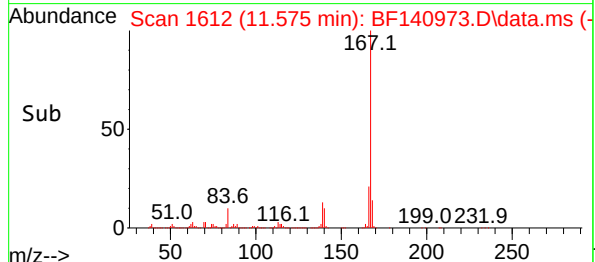
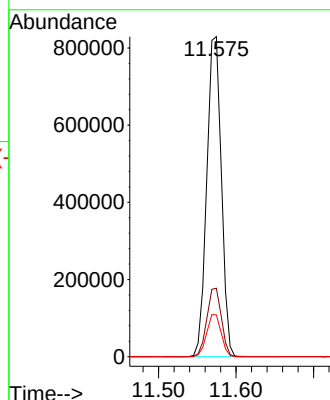
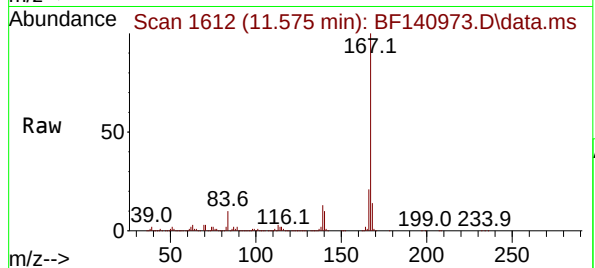




#73
Carbazole
Concen: 21.699 ng
RT: 11.575 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

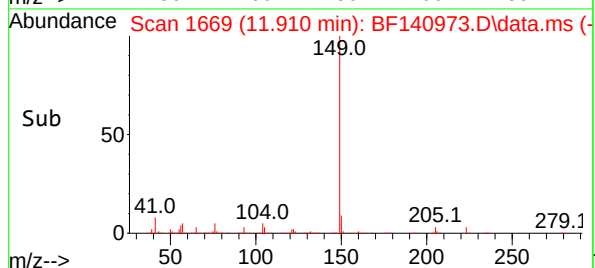
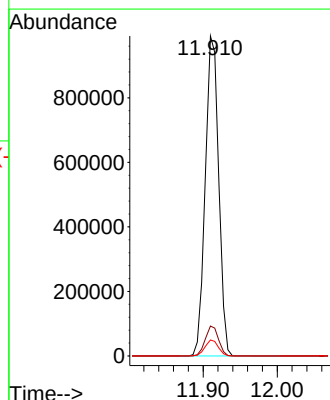
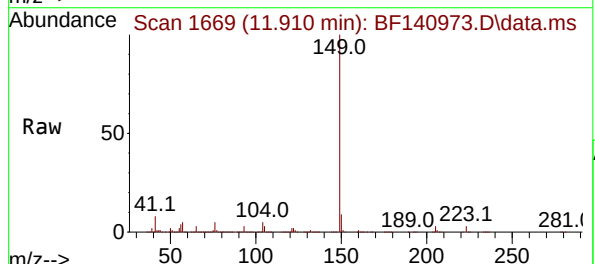
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

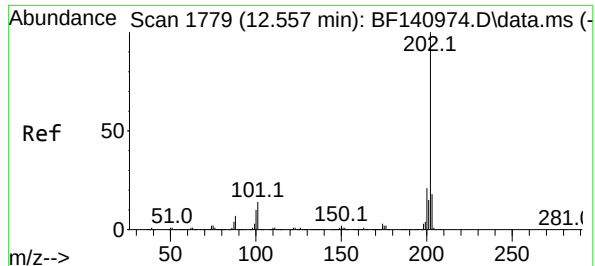
Tgt Ion:167 Resp: 1083881
Ion Ratio Lower Upper
167 100
166 21.4 17.5 26.3
139 13.0 11.0 16.4



#74
Di-n-butylphthalate
Concen: 21.931 ng
RT: 11.910 min Scan# 1669
Delta R.T. -0.006 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

Tgt Ion:149 Resp: 1245979
Ion Ratio Lower Upper
149 100
150 9.4 7.7 11.5
104 5.0 4.1 6.1

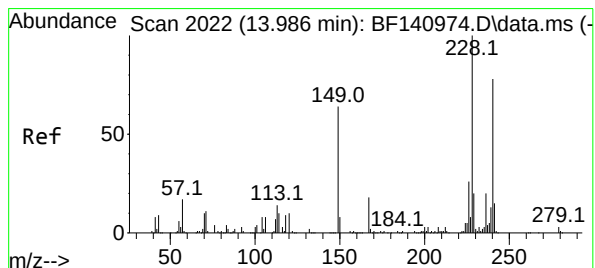
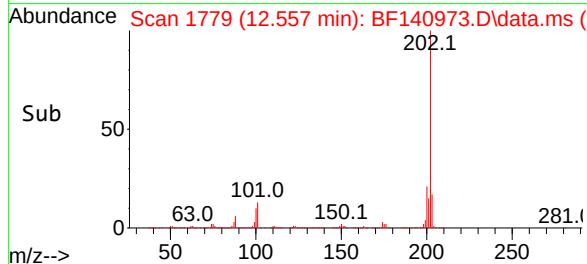
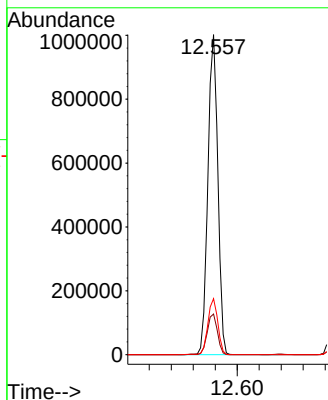
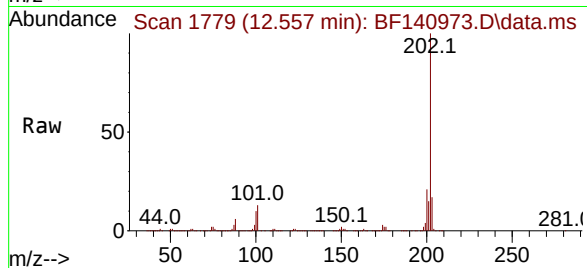




#75
Fluoranthene
Concen: 21.767 ng
RT: 12.557 min Scan# 1779
Delta R.T. -0.000 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

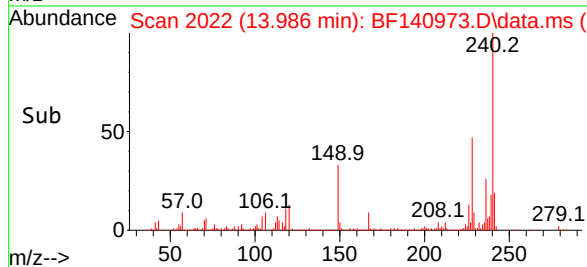
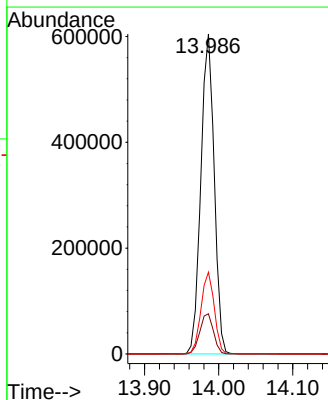
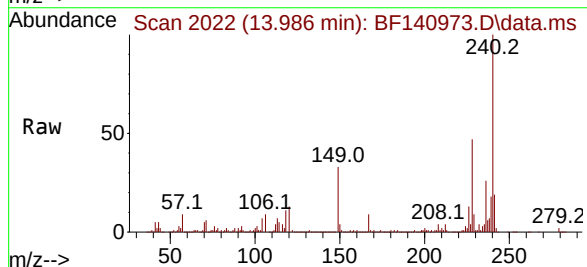
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

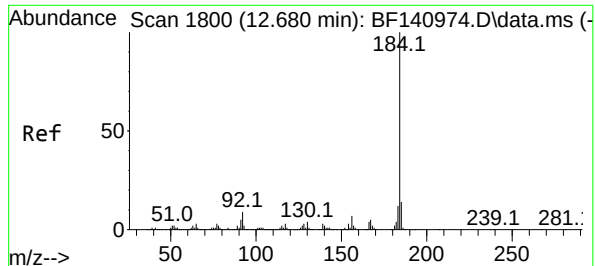
Tgt Ion:202 Resp: 1251854
Ion Ratio Lower Upper
202 100
101 12.7 0.0 33.7
203 17.5 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

Tgt Ion:240 Resp: 755829
Ion Ratio Lower Upper
240 100
120 12.6 10.7 16.1
236 25.6 20.6 31.0

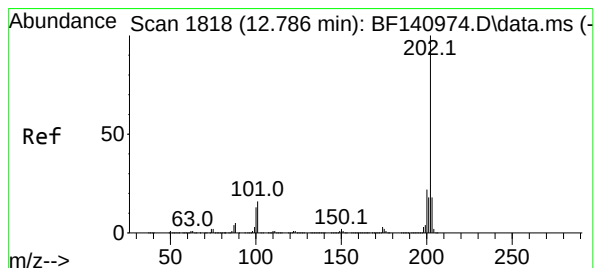
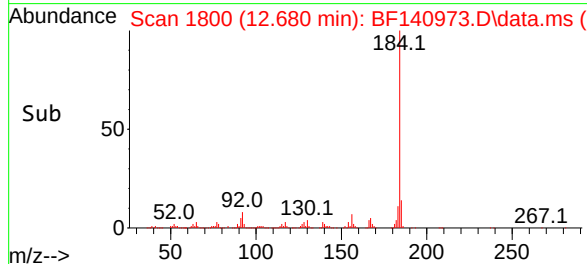
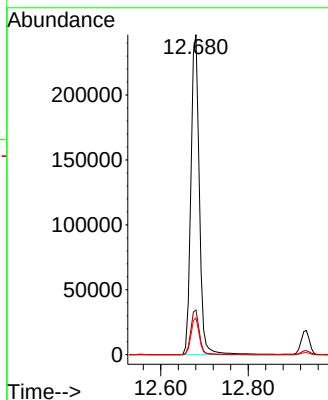
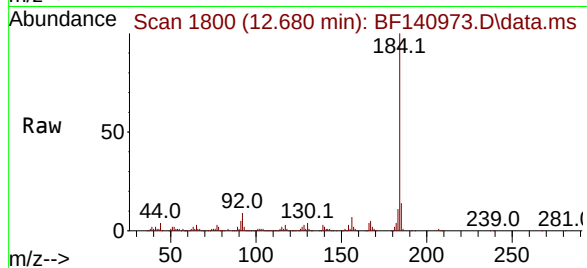




#77
Benzidine
Concen: 20.685 ng
RT: 12.680 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

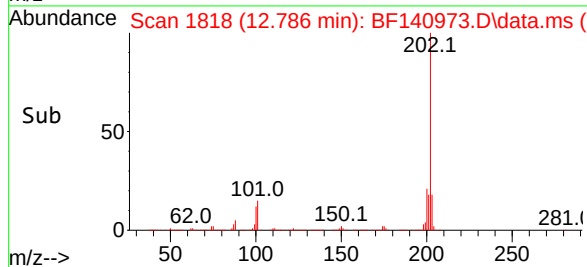
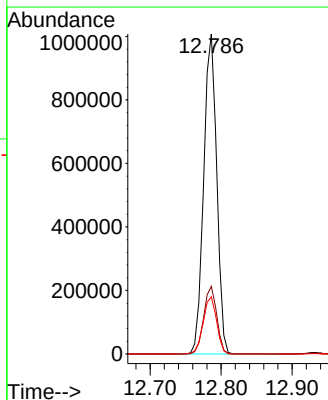
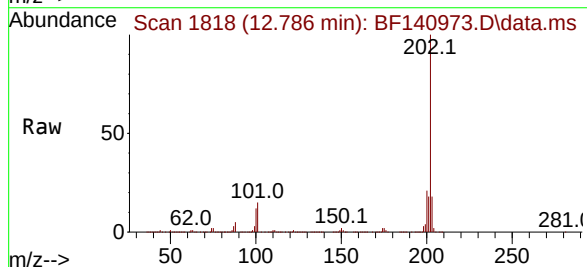
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

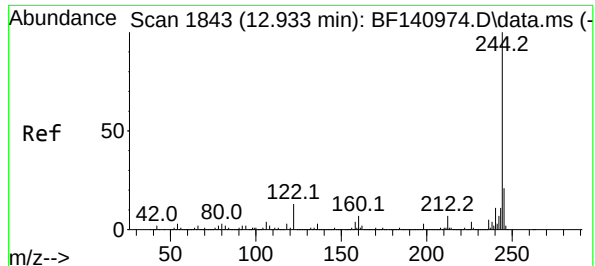
Tgt Ion:184 Resp: 330414
Ion Ratio Lower Upper
184 100
185 14.0 11.4 17.2
183 11.5 9.4 14.0



#78
Pyrene
Concen: 19.452 ng
RT: 12.786 min Scan# 1818
Delta R.T. -0.000 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

Tgt Ion:202 Resp: 1285846
Ion Ratio Lower Upper
202 100
200 21.1 17.3 25.9
203 17.9 14.6 21.8

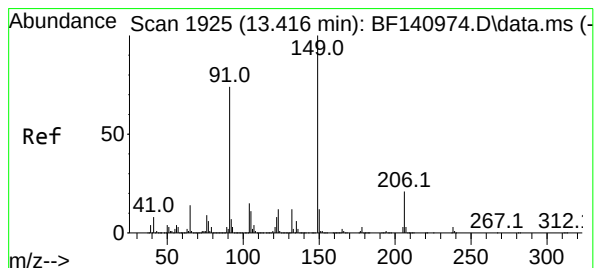
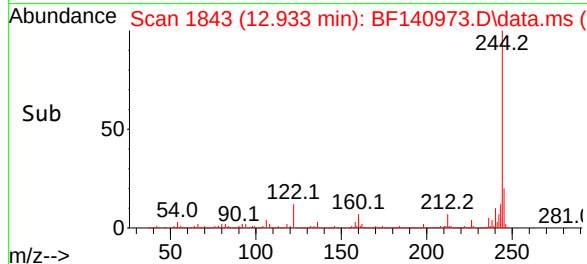
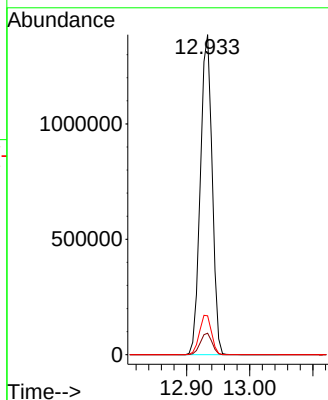
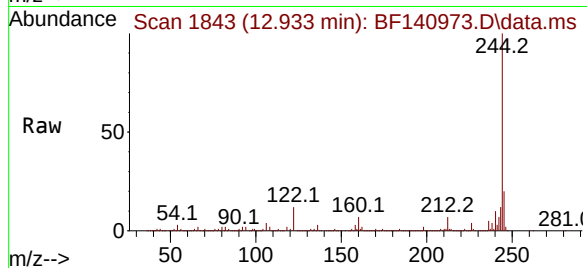




#79
Terphenyl-d14
Concen: 39.463 ng
RT: 12.933 min Scan# 1843
Delta R.T. -0.000 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

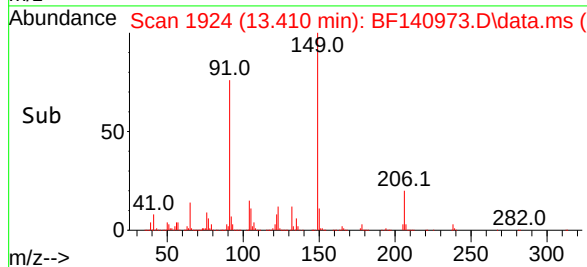
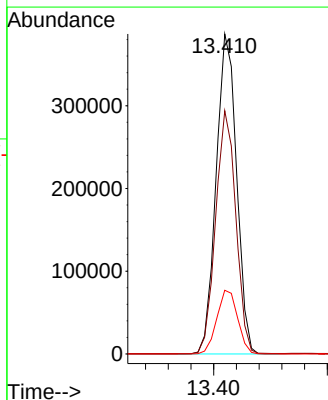
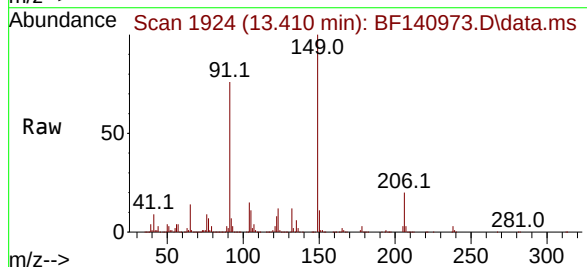
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

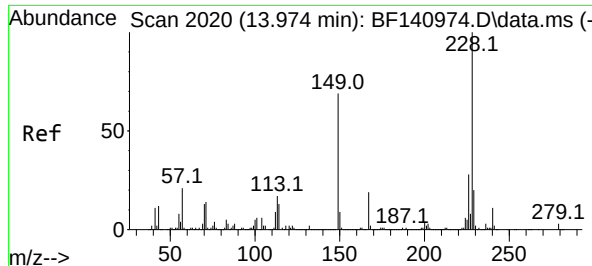
Tgt Ion:244 Resp: 1795750
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 12.2 10.2 15.2



#80
Butylbenzylphthalate
Concen: 20.036 ng
RT: 13.410 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

Tgt Ion:149 Resp: 483615
Ion Ratio Lower Upper
149 100
91 76.0 59.5 89.3
206 19.9 17.1 25.7

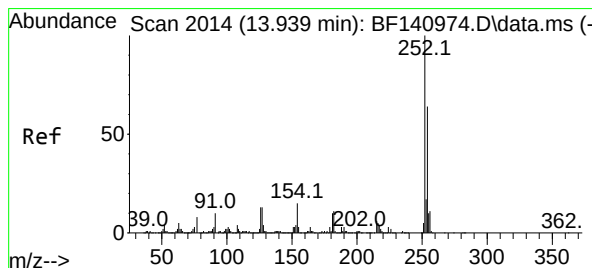
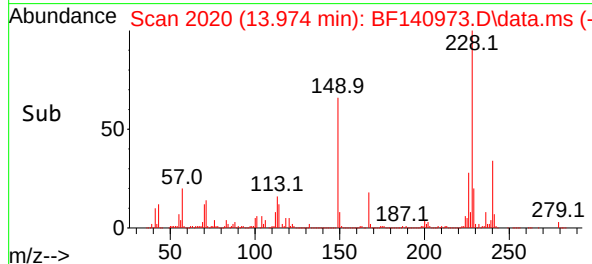
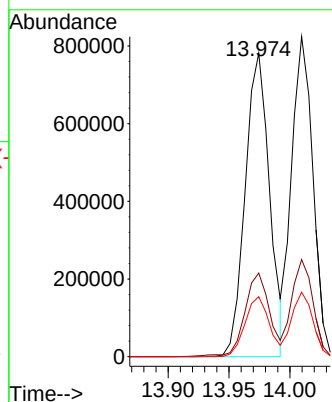
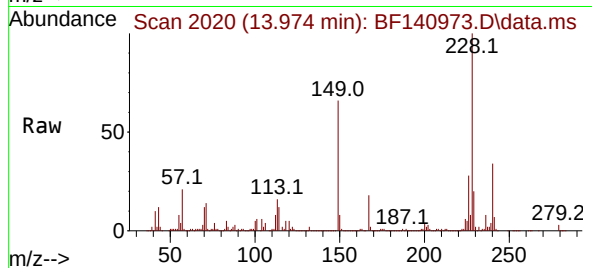




#81
Benzo(a)anthracene
Concen: 20.620 ng
RT: 13.974 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

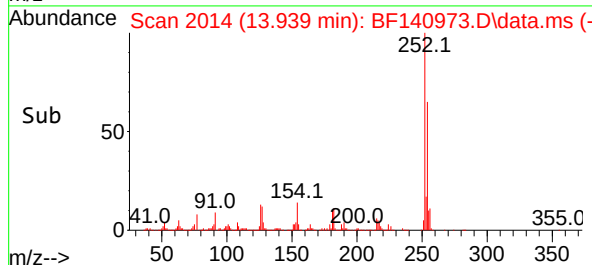
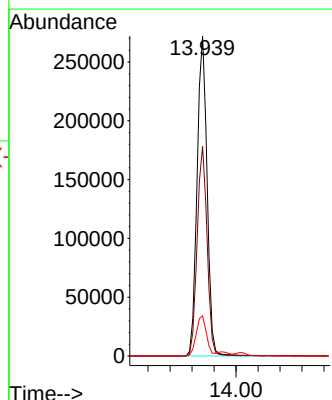
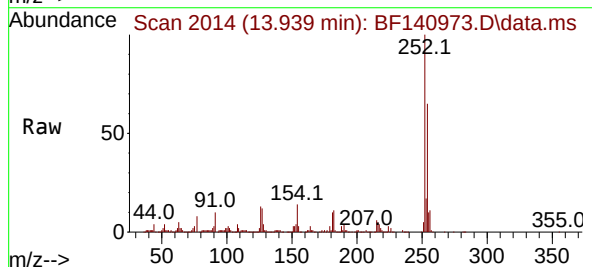
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

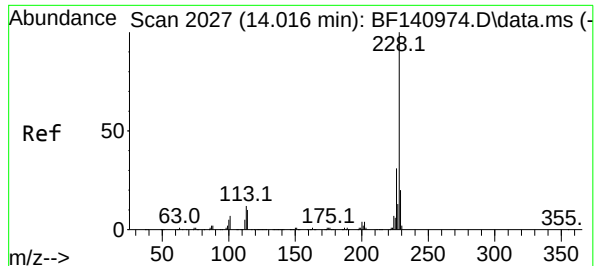
Tgt Ion:228 Resp: 1086206
Ion Ratio Lower Upper
228 100
226 27.6 22.1 33.1
229 19.8 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 21.722 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

Tgt Ion:252 Resp: 343789
Ion Ratio Lower Upper
252 100
254 65.5 51.5 77.3
126 12.5 10.3 15.5





#83

Chrysene

Concen: 21.114 ng

RT: 14.010 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF140973.D

Acq: 26 Dec 2024 17:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

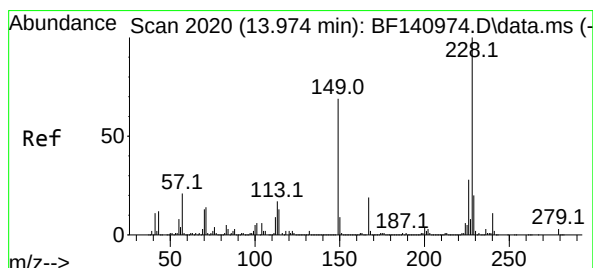
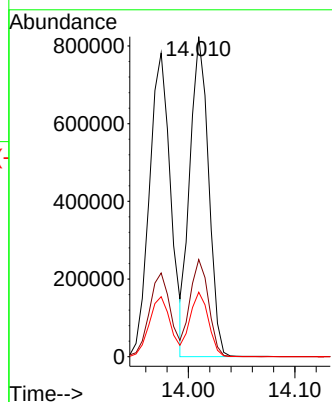
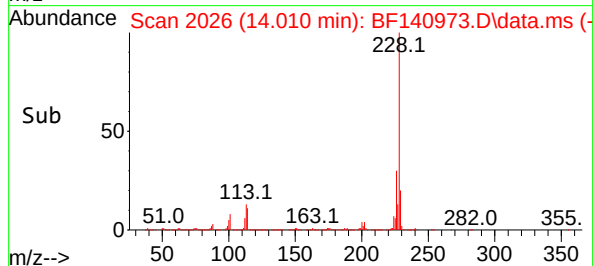
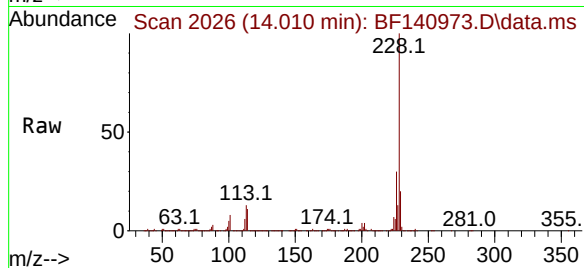
Tgt Ion:228 Resp: 1002629

Ion Ratio Lower Upper

228 100

226 30.4 24.5 36.7

229 20.1 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 20.731 ng

RT: 13.974 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF140973.D

Acq: 26 Dec 2024 17:41

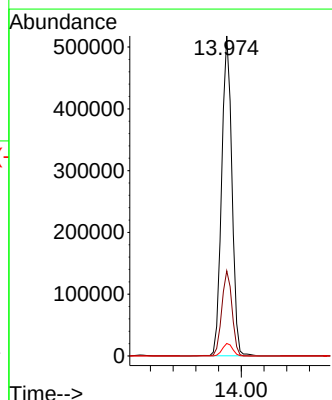
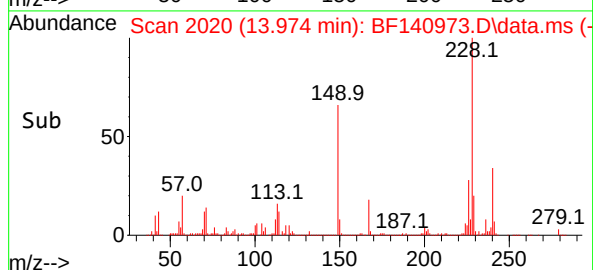
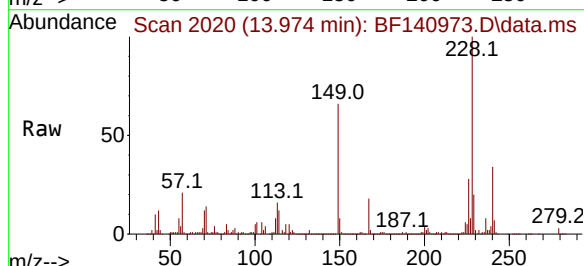
Tgt Ion:149 Resp: 649103

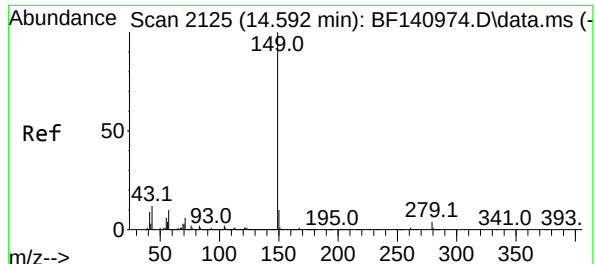
Ion Ratio Lower Upper

149 100

167 26.6 21.6 32.4

279 3.9 3.2 4.8

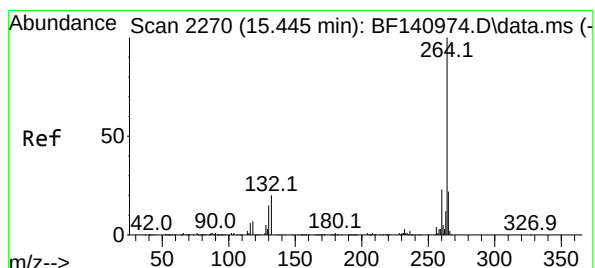
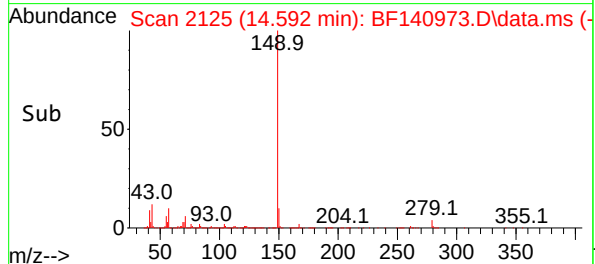
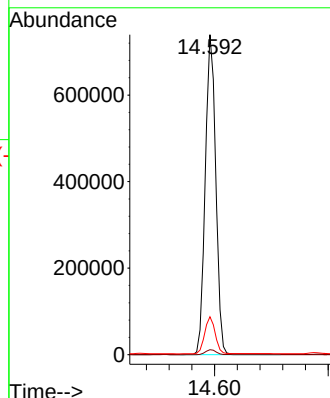
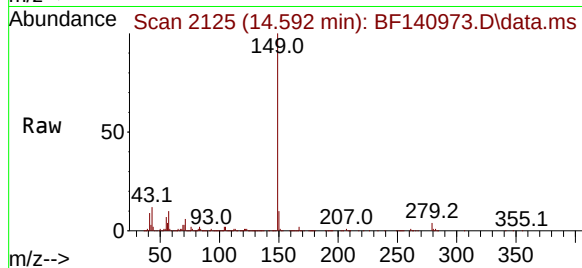




#85
Di-n-octyl phthalate
Concen: 20.891 ng
RT: 14.592 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

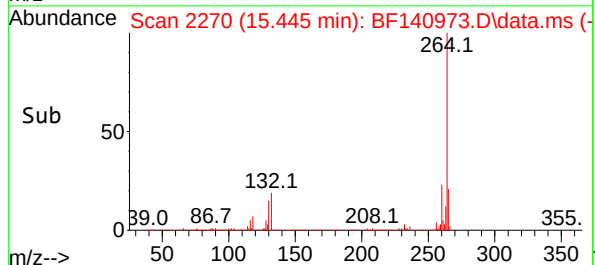
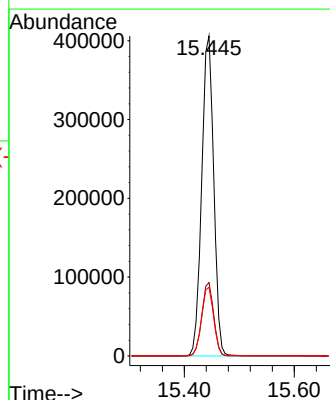
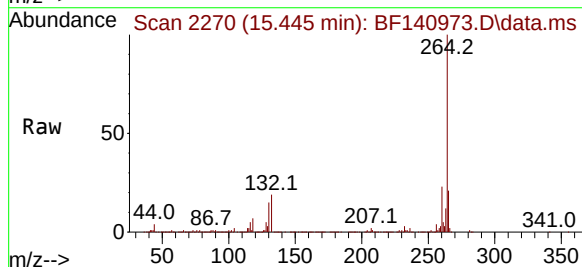
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

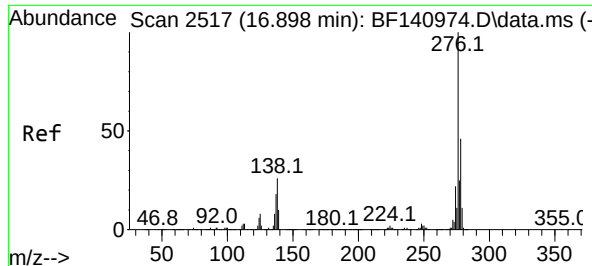
Tgt Ion:149 Resp: 946713
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.6 9.3 13.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2270
Delta R.T. -0.000 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

Tgt Ion:264 Resp: 616760
Ion Ratio Lower Upper
264 100
260 23.0 18.7 28.1
265 21.5 17.4 26.2

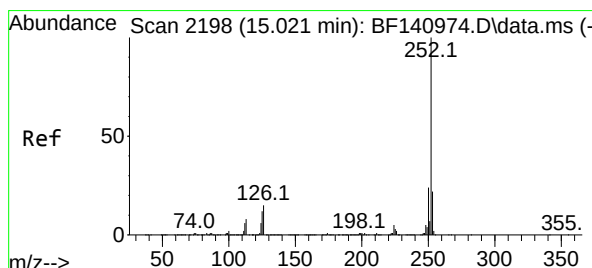
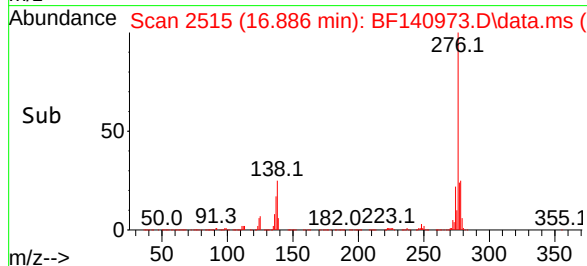
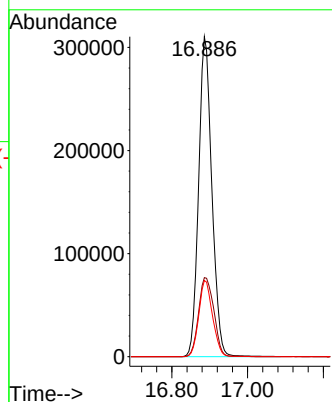
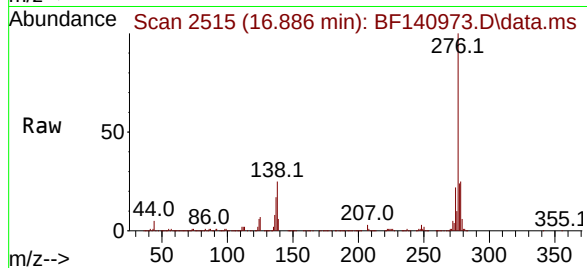




#87
Indeno(1,2,3-cd)pyrene
Concen: 19.433 ng
RT: 16.886 min Scan# 2151
Delta R.T. -0.012 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

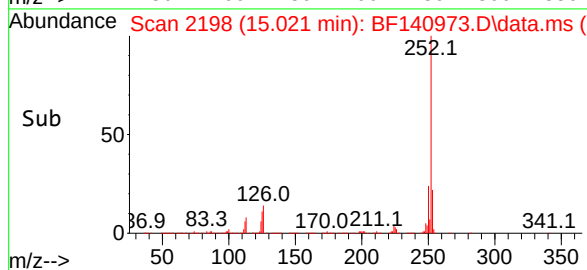
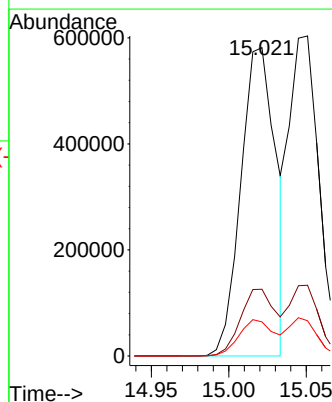
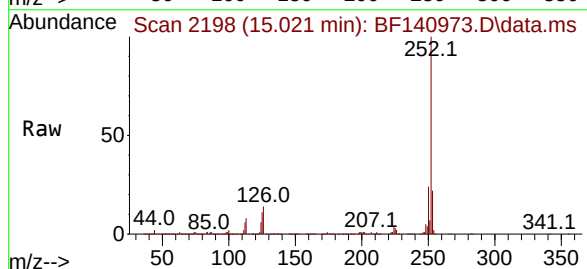
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

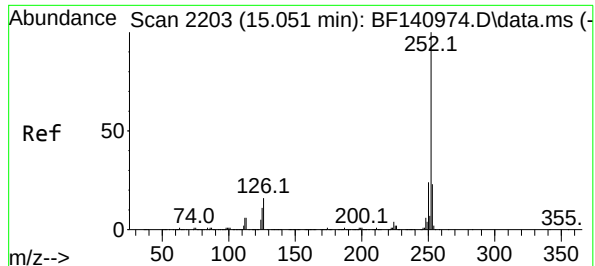
Tgt Ion:276 Resp: 755113
Ion Ratio Lower Upper
276 100
138 28.5 23.1 34.7
277 24.8 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 21.208 ng
RT: 15.021 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

Tgt Ion:252 Resp: 912288
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 11.1 9.3 13.9





#89

Benzo(k)fluoranthene

Concen: 23.796 ng

RT: 15.051 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140973.D

Acq: 26 Dec 2024 17:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

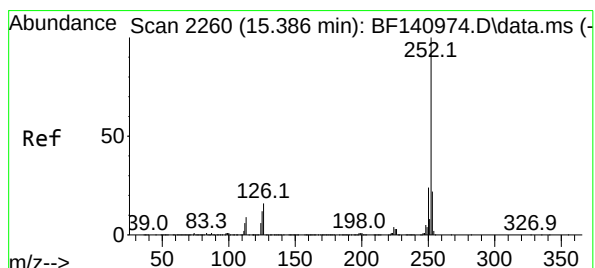
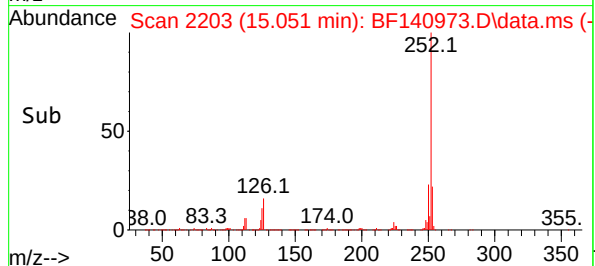
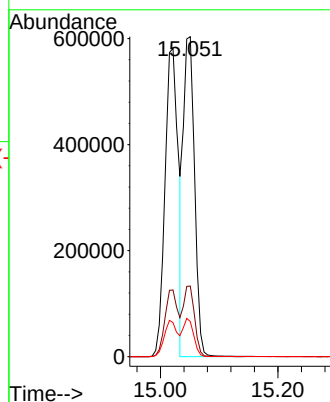
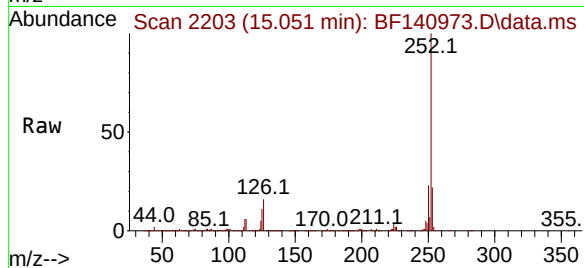
Tgt Ion:252 Resp: 802261

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 11.0 9.4 14.0



#90

Benzo(a)pyrene

Concen: 20.998 ng

RT: 15.380 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF140973.D

Acq: 26 Dec 2024 17:41

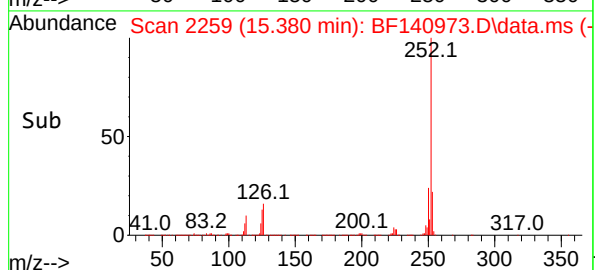
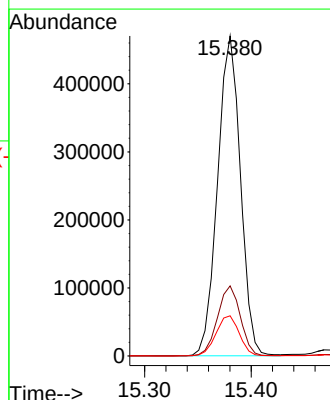
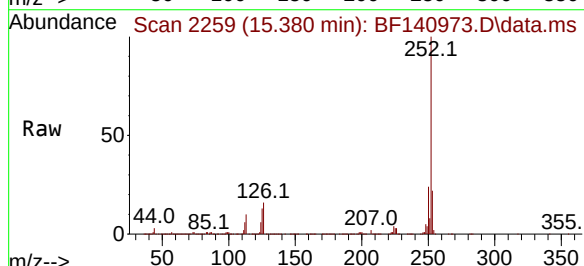
Tgt Ion:252 Resp: 701080

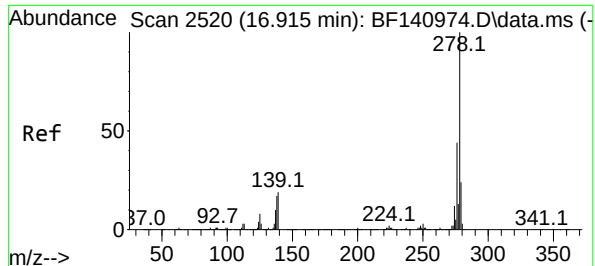
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 12.6 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 19.424 ng

RT: 16.909 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140973.D

Acq: 26 Dec 2024 17:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

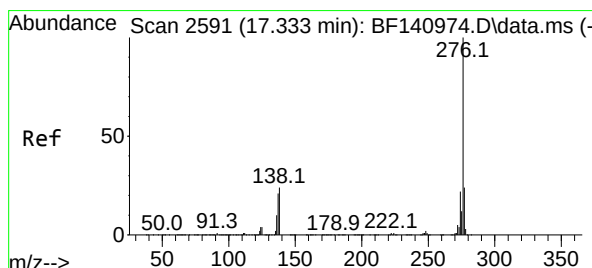
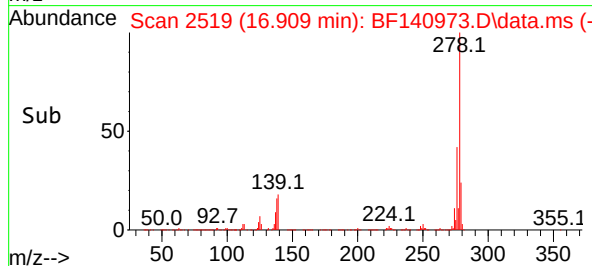
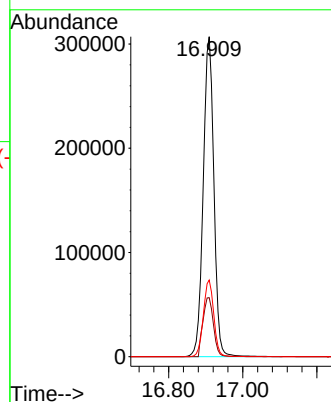
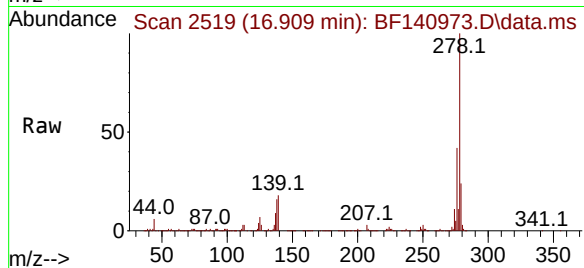
Tgt Ion:278 Resp: 611811

Ion Ratio Lower Upper

278 100

139 18.5 14.9 22.3

279 24.0 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 19.314 ng

RT: 17.321 min Scan# 2589

Delta R.T. -0.012 min

Lab File: BF140973.D

Acq: 26 Dec 2024 17:41

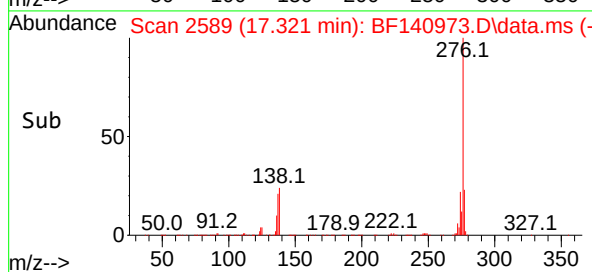
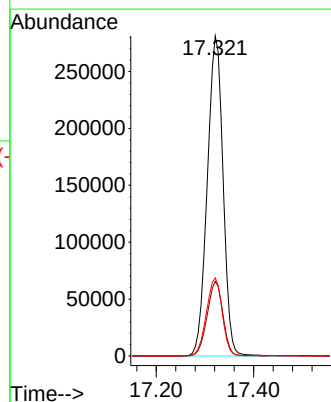
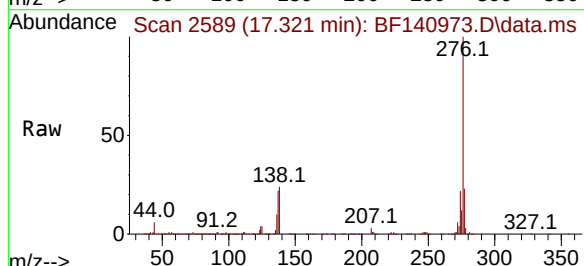
Tgt Ion:276 Resp: 630980

Ion Ratio Lower Upper

276 100

277 23.3 19.0 28.4

138 24.4 19.4 29.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122624\
 Data File : BF140974.D
 Acq On : 26 Dec 2024 18:06
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/27/2024
 Supervised By :mohammad ahmed 12/27/2024

Quant Time: Dec 27 00:22:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:11:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	264114	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1047016	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	555398	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	980435	20.000	ng	0.00
76) Chrysene-d12	13.986	240	652144	20.000	ng	0.00
86) Perylene-d12	15.445	264	531798	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1365623	77.940	ng	0.00
7) Phenol-d6	6.451	99	1760717	78.007	ng	0.00
23) Nitrobenzene-d5	7.392	82	1367946	83.588	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	435705	80.733	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	2610026	74.872	ng	0.00
79) Terphenyl-d14	12.933	244	2976692	75.816	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.552	88	315557	39.780	ng	100
3) Pyridine	3.293	79	759262	39.166	ng	100
4) n-Nitrosodimethylamine	3.240	42	393459	40.058	ng	100
6) Aniline	6.510	93	853180m	42.382	ng	
8) 2-Chlorophenol	6.610	128	732249	39.639	ng	100
9) Benzaldehyde	6.375	77	454816	41.536	ng	100
10) Phenol	6.463	94	921228	39.471	ng	100
11) bis(2-Chloroethyl)ether	6.563	93	719951	38.239	ng	100
12) 1,3-Dichlorobenzene	6.769	146	800536	39.267	ng	100
13) 1,4-Dichlorobenzene	6.845	146	801219	38.985	ng	100
14) 1,2-Dichlorobenzene	6.998	146	748204	39.046	ng	100
15) Benzyl Alcohol	6.969	79	647599	39.926	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.110	45	1115398	39.138	ng	100
17) 2-Methylphenol	7.075	107	608223	39.632	ng	100
18) Hexachloroethane	7.345	117	287289	39.351	ng	100
19) n-Nitroso-di-n-propyla...	7.245	70	532284	38.493	ng	100
20) 3+4-Methylphenols	7.228	107	766762	39.481	ng	100
22) Acetophenone	7.240	105	983828	38.304	ng	100
24) Nitrobenzene	7.410	77	767486	41.970	ng	100
25) Isophorone	7.651	82	1374822	38.606	ng	100
26) 2-Nitrophenol	7.728	139	266201	36.900	ng	100
27) 2,4-Dimethylphenol	7.757	122	505676	38.853	ng	100
28) bis(2-Chloroethoxy)met...	7.863	93	869568	38.540	ng	100
29) 2,4-Dichlorophenol	7.963	162	582167	39.440	ng	100
30) 1,2,4-Trichlorobenzene	8.051	180	654033	39.147	ng	100
31) Naphthalene	8.134	128	2136130	38.718	ng	100
32) Benzoic acid	7.863	122	372684	36.912	ng	100
33) 4-Chloroaniline	8.181	127	768068	38.482	ng	100
34) Hexachlorobutadiene	8.251	225	380095	38.591	ng	100
35) Caprolactam	8.545	113	197606m	39.375	ng	
36) 4-Chloro-3-methylphenol	8.651	107	646441	39.434	ng	100
37) 2-Methylnaphthalene	8.822	142	1343941	38.077	ng	100
38) 1-Methylnaphthalene	8.922	142	1330393	38.354	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	594643	38.917	ng	100
41) Hexachlorocyclopentadiene	8.975	237	207209	40.922	ng	100
43) 2,4,6-Trichlorophenol	9.092	196	404147	39.741	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122624\
 Data File : BF140974.D
 Acq On : 26 Dec 2024 18:06
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024

Quant Time: Dec 27 00:22:04 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Dec 27 00:11:18 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	422062	40.562	ng	100
46) 1,1'-Biphenyl	9.286	154	1643157	38.638	ng	100
47) 2-Chloronaphthalene	9.310	162	1266026	38.385	ng	100
48) 2-Nitroaniline	9.398	65	319958	38.138	ng	100
49) Acenaphthylene	9.722	152	1837752	38.706	ng	100
50) Dimethylphthalate	9.586	163	1427475	39.074	ng	100
51) 2,6-Dinitrotoluene	9.645	165	283992	38.871	ng	100
52) Acenaphthene	9.898	154	1243394	38.737	ng	100
53) 3-Nitroaniline	9.810	138	312579	39.221	ng	100
54) 2,4-Dinitrophenol	9.910	184	79893	37.853	ng	100
55) Dibenzofuran	10.069	168	1738272	38.535	ng	100
56) 4-Nitrophenol	9.957	139	254611	40.744	ng	100
57) 2,4-Dinitrotoluene	10.045	165	344129	38.708	ng	100
58) Fluorene	10.410	166	1323793	37.844	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.181	232	348605	40.453	ng	100
60) Diethylphthalate	10.286	149	1406132	38.988	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	642732	38.186	ng	100
62) 4-Nitroaniline	10.422	138	309322	38.897	ng	100
63) Azobenzene	10.563	77	1465453	38.712	ng	100
65) 4,6-Dinitro-2-methylph...	10.451	198	130378	36.204	ng	100
66) n-Nitrosodiphenylamine	10.522	169	1187207	38.454	ng	100
67) 4-Bromophenyl-phenylether	10.892	248	416835	39.329	ng	100
68) Hexachlorobenzene	10.957	284	454182	38.863	ng	100
69) Atrazine	11.045	200	306702	35.559	ng	100
70) Pentachlorophenol	11.145	266	304066	41.789	ng	100
71) Phenanthrene	11.375	178	1970080	38.179	ng	100
72) Anthracene	11.422	178	1943496	38.437	ng	100
73) Carbazole	11.575	167	1856207	38.188	ng	100
74) Di-n-butylphthalate	11.916	149	2124340	38.425	ng	100
75) Fluoranthene	12.557	202	2140117	38.240	ng	100
77) Benzidine	12.680	184	540933	39.248	ng	100
78) Pyrene	12.786	202	2206885	38.693	ng	100
80) Butylbenzylphthalate	13.416	149	856154	41.109	ng	100
81) Benzo(a)anthracene	13.974	228	1786080	39.297	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	524994	38.446	ng	100
83) Chrysene	14.016	228	1574996	38.441	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	1069992	39.607	ng	100
85) Di-n-octyl phthalate	14.592	149	1563317	39.982	ng	100
87) Indeno(1,2,3-cd)pyrene	16.898	276	1394102	41.609	ng	100
88) Benzo(b)fluoranthene	15.021	252	1506798	40.626	ng	100
89) Benzo(k)fluoranthene	15.051	252	1133027	38.976	ng	100
90) Benzo(a)pyrene	15.386	252	1136531	39.479	ng	100
91) Dibenzo(a,h)anthracene	16.915	278	1137962	41.900	ng	100
92) Benzo(g,h,i)perylene	17.333	276	1197853	42.524	ng	100

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

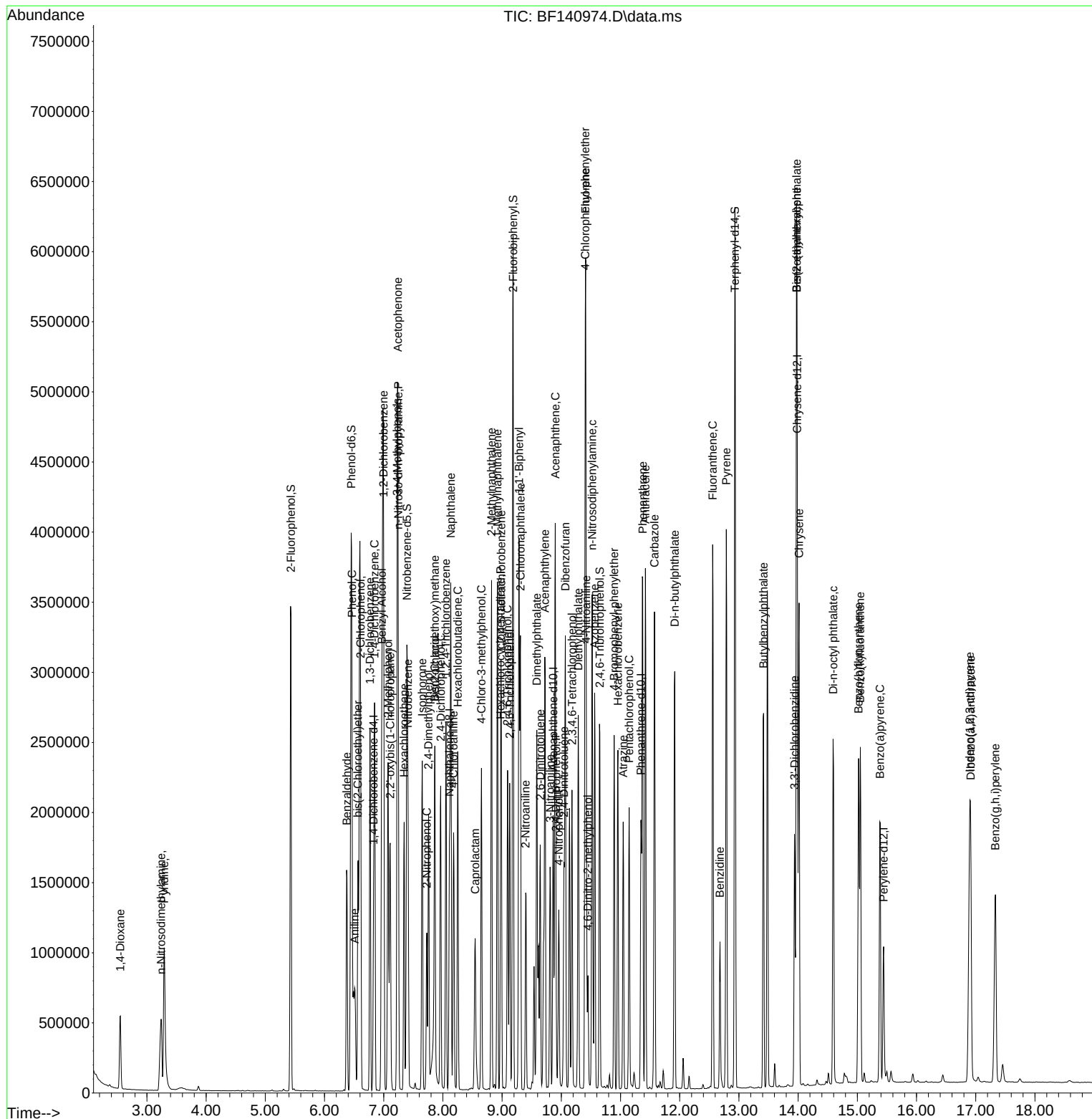
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Data File : BF140974.D
Acq On : 26 Dec 2024 18:06
Operator : RC/JU
Sample : SSTDICC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

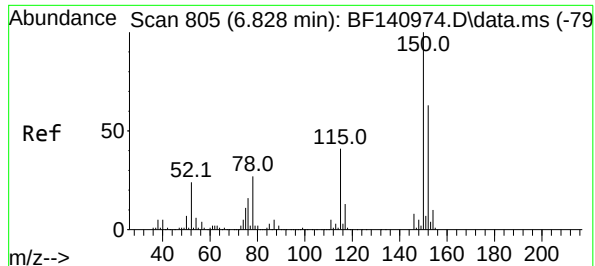
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

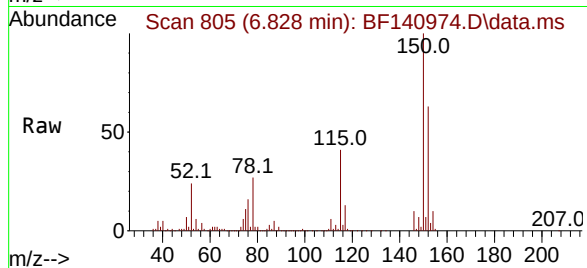
Quant Time: Dec 27 00:22:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:11:18 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

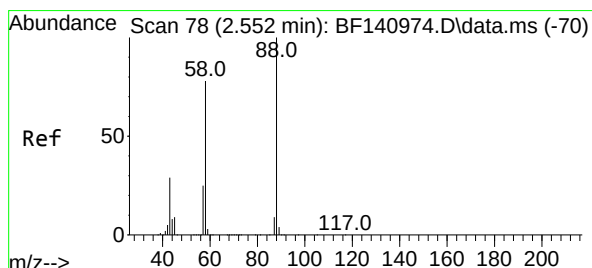
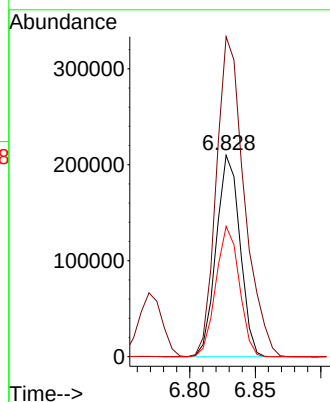
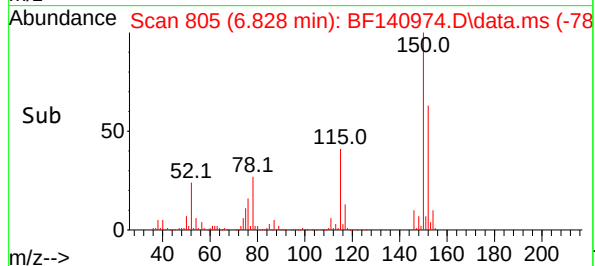
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:152 Resp: 264114
Ion Ratio Lower Upper
152 100
150 158.8 127.0 190.6
115 64.6 51.7 77.5

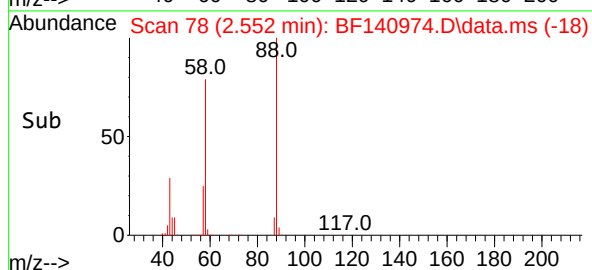
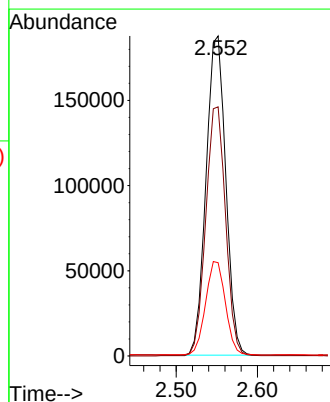
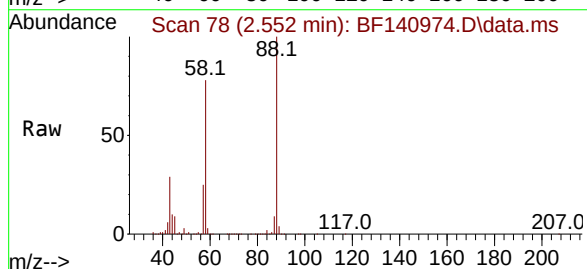
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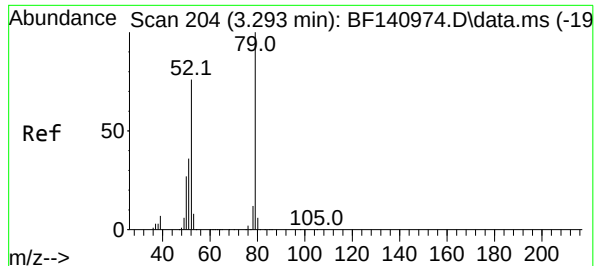
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#2
1,4-Dioxane
Concen: 39.780 ng
RT: 2.552 min Scan# 78
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

Tgt Ion: 88 Resp: 315557
Ion Ratio Lower Upper
88 100
58 78.7 63.0 94.4
43 29.3 23.4 35.2





#3

Pyridine

Concen: 39.166 ng

RT: 3.293 min Scan# 204

Delta R.T. 0.000 min

Lab File: BF140974.D

Acq: 26 Dec 2024 18:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 79 Resp: 75926

Ion Ratio Lower Upper

79 100

52 75.5 60.4 90.6

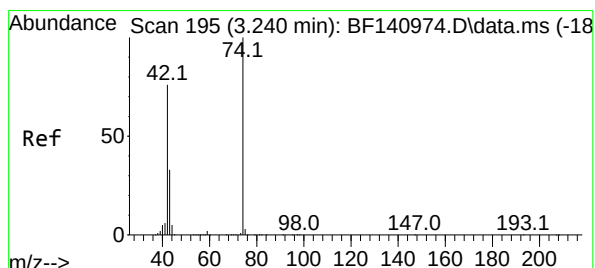
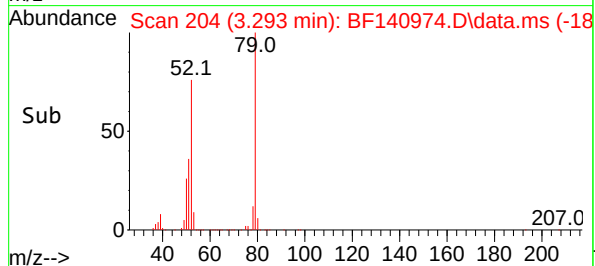
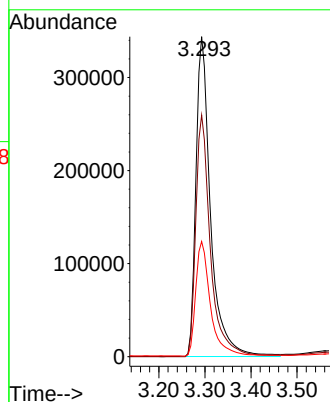
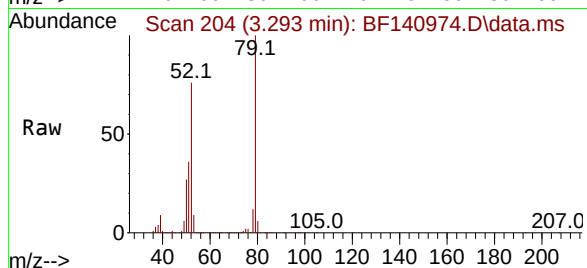
51 36.0 28.8 43.2

Manual Integrations

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Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#4

n-Nitrosodimethylamine

Concen: 40.058 ng

RT: 3.240 min Scan# 195

Delta R.T. 0.000 min

Lab File: BF140974.D

Acq: 26 Dec 2024 18:06

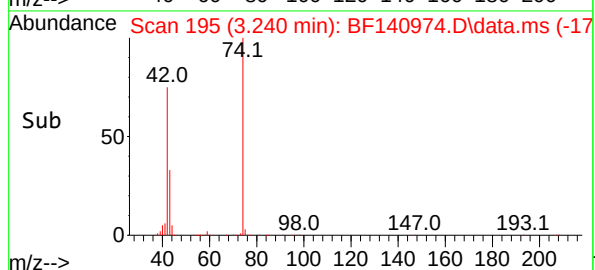
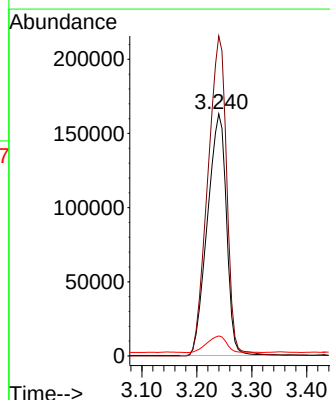
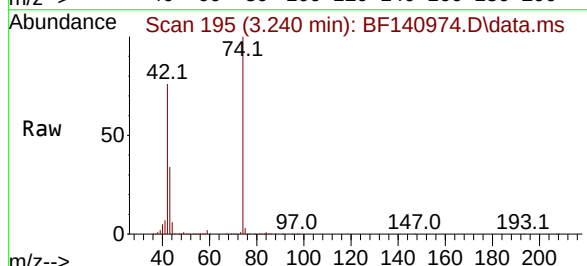
Tgt Ion: 42 Resp: 393459

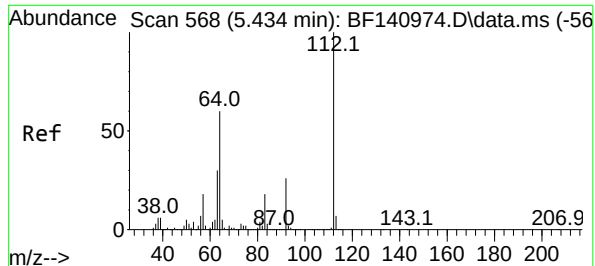
Ion Ratio Lower Upper

42 100

74 132.2 105.8 158.6

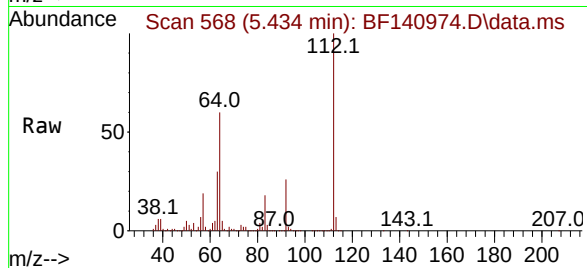
44 8.3 6.6 10.0





#5
2-Fluorophenol
Concen: 77.940 ng
RT: 5.434 min Scan# 501
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

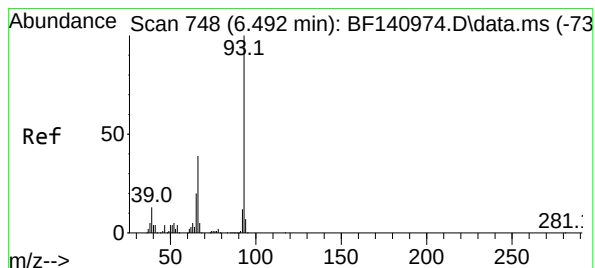
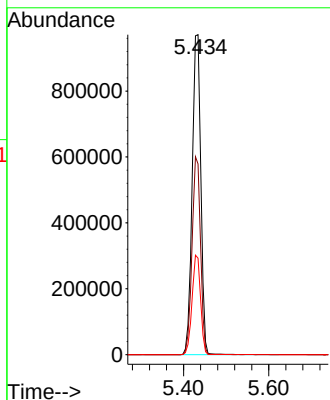
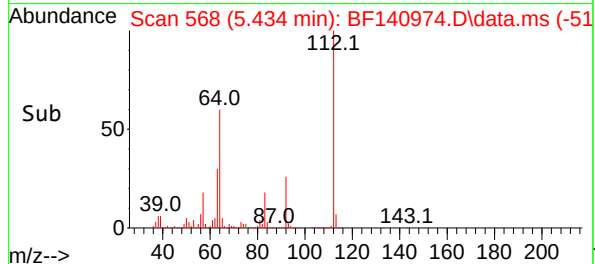
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:112 Resp: 136562
Ion Ratio Lower Upper
112 100
64 59.6 47.7 71.5
63 30.2 24.2 36.2

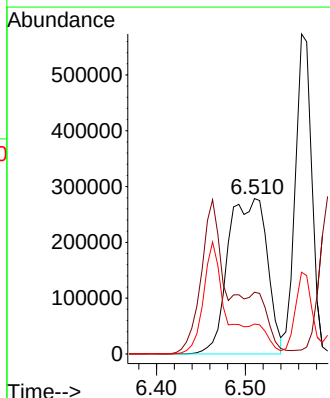
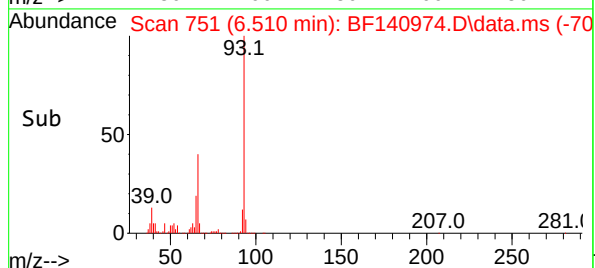
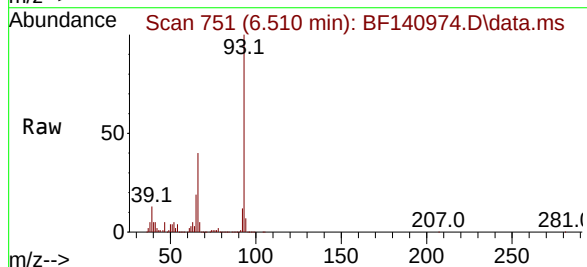
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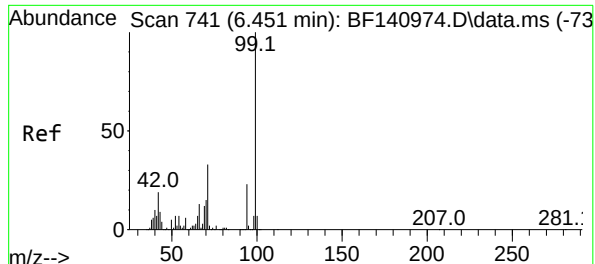
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#6
Aniline
Concen: 42.382 ng m
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

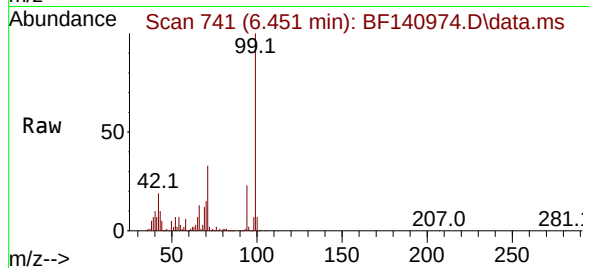
Tgt Ion: 93 Resp: 853180
Ion Ratio Lower Upper
93 100
66 39.8 31.8 47.8
65 19.2 15.4 23.0





#7
Phenol-d6
Concen: 78.007 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

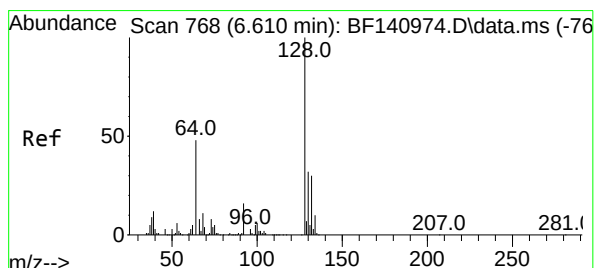
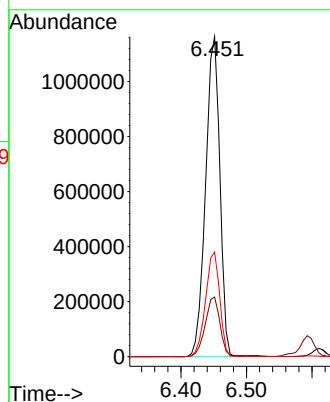
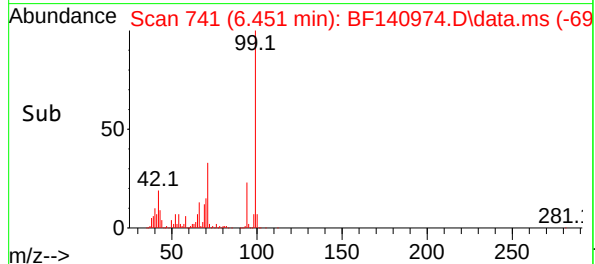
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion: 99 Resp: 176071
Ion Ratio Lower Upper
99 100
42 18.7 15.0 22.4
71 32.7 26.2 39.2

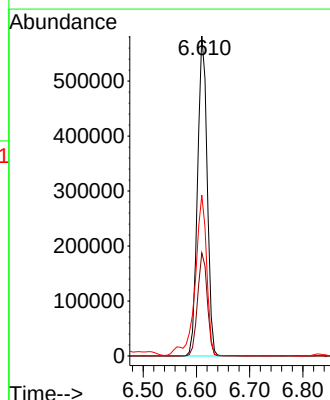
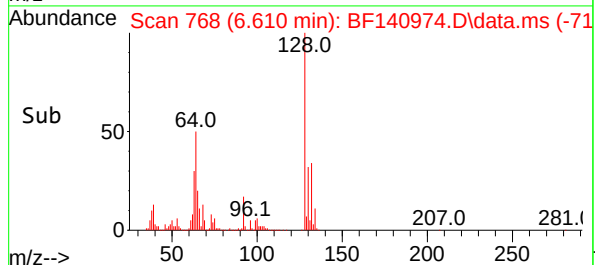
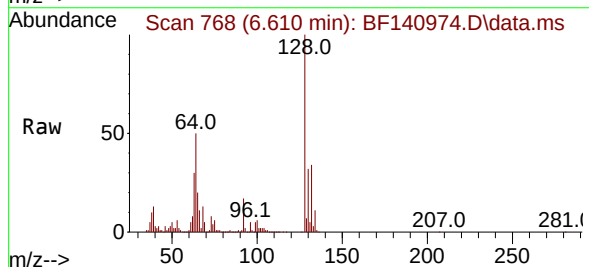
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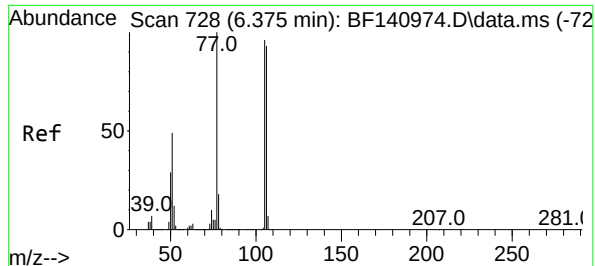
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#8
2-Chlorophenol
Concen: 39.639 ng
RT: 6.610 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

Tgt Ion:128 Resp: 732249
Ion Ratio Lower Upper
128 100
130 32.2 12.2 52.2
64 50.3 30.3 70.3





#9

Benzaldehyde

Concen: 41.536 ng

RT: 6.375 min Scan# 728

Delta R.T. -0.000 min

Lab File: BF140974.D

Acq: 26 Dec 2024 18:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 77 Resp: 454810

Ion Ratio Lower Upper

77 100

105 96.2 76.2 116.2

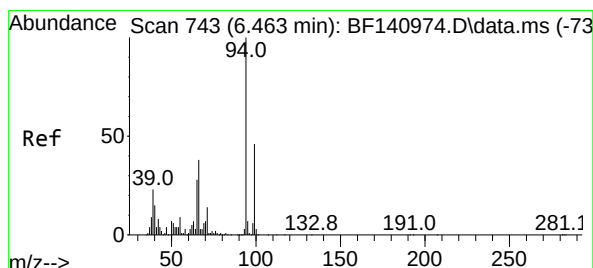
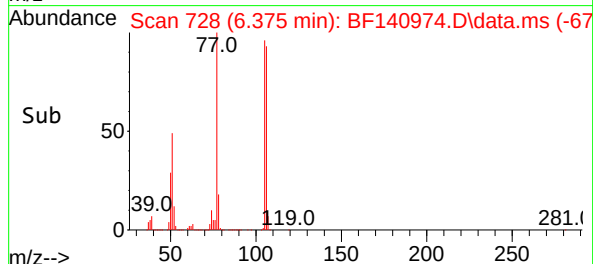
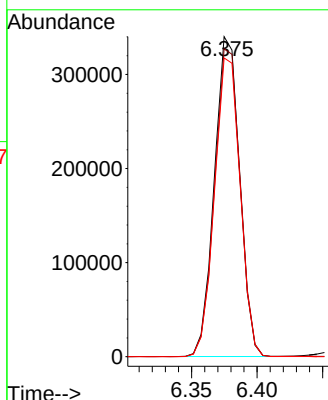
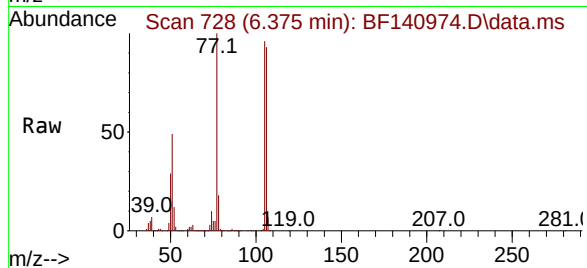
106 93.4 73.4 113.4

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Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#10

Phenol

Concen: 39.471 ng

RT: 6.463 min Scan# 743

Delta R.T. 0.000 min

Lab File: BF140974.D

Acq: 26 Dec 2024 18:06

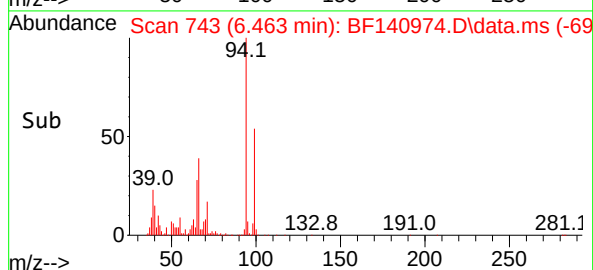
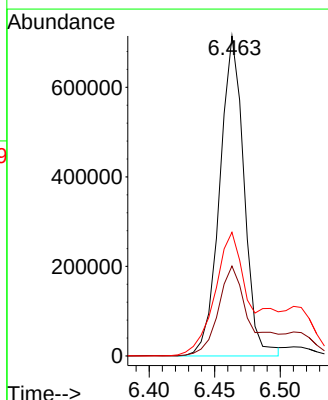
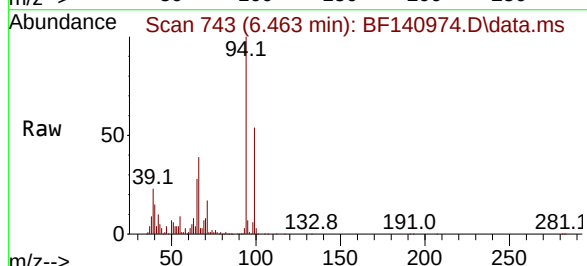
Tgt Ion: 94 Resp: 921228

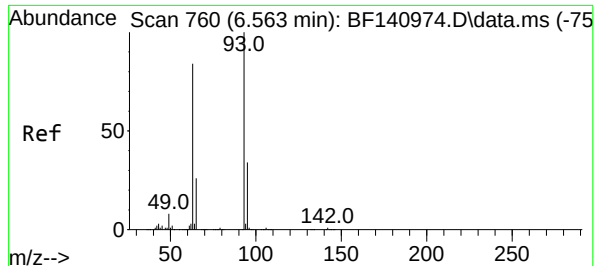
Ion Ratio Lower Upper

94 100

65 28.1 8.1 48.1

66 38.7 18.7 58.7





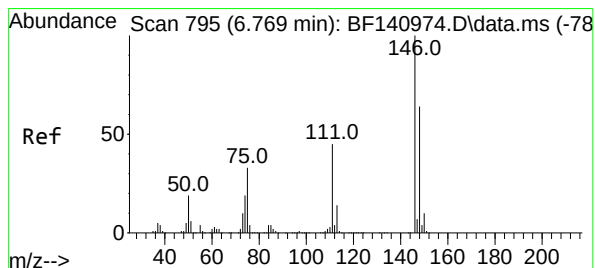
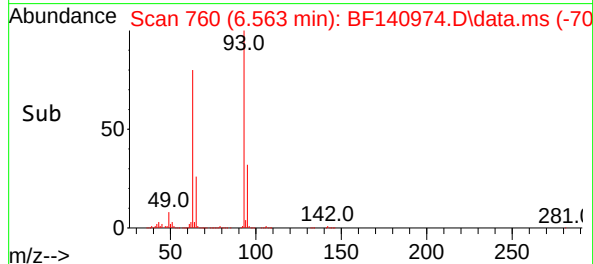
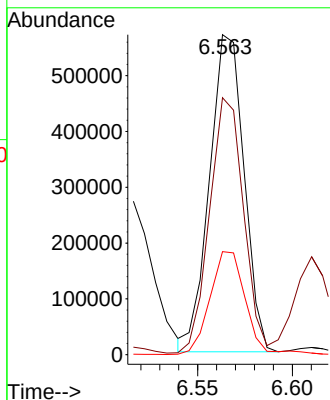
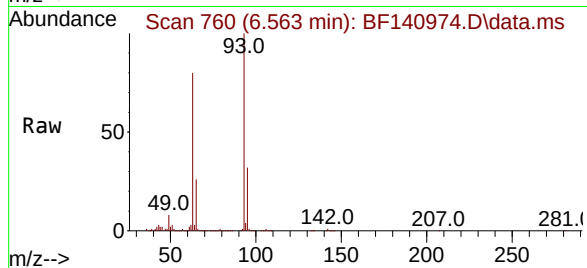
#11
bis(2-Chloroethyl)ether
Concen: 38.239 ng
RT: 6.563 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 71995
Ion Ratio Lower Upper
93 100
63 80.3 60.3 100.3
95 32.2 12.2 52.2

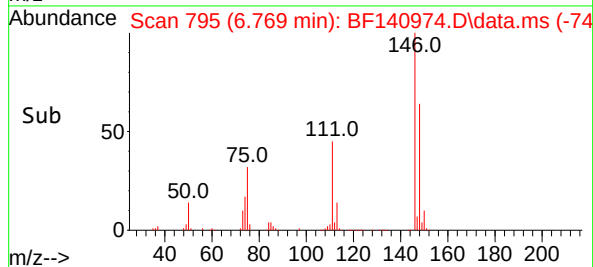
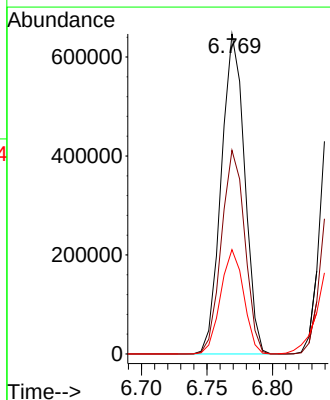
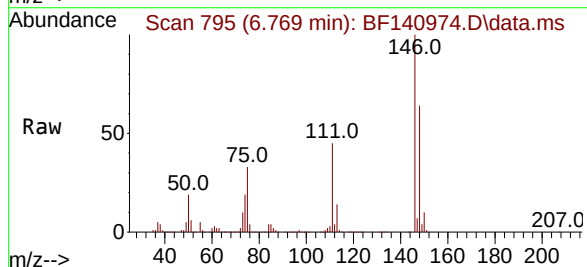
Manual Integrations
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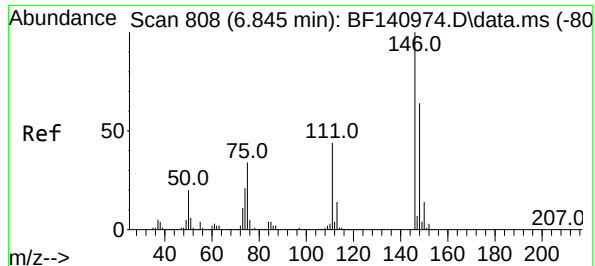
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#12
1,3-Dichlorobenzene
Concen: 39.267 ng
RT: 6.769 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

Tgt Ion:146 Resp: 800536
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.4
75 32.6 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 38.985 ng

RT: 6.845 min Scan# 808

Delta R.T. 0.000 min

Lab File: BF140974.D

Acq: 26 Dec 2024 18:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:146 Resp: 801219

Ion Ratio Lower Upper

146 100

148 64.1 51.3 76.9

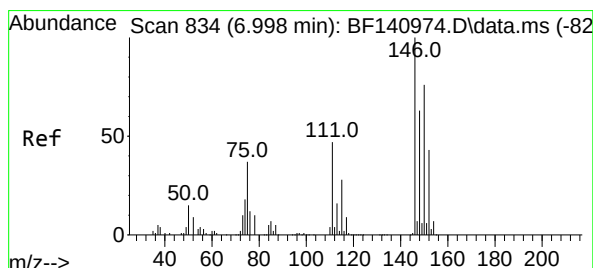
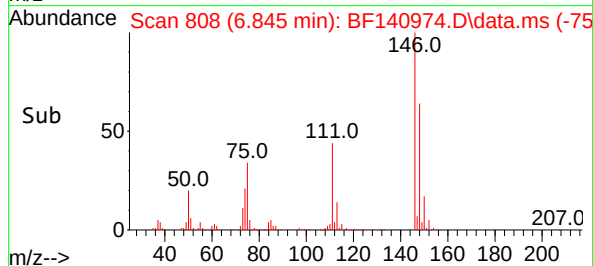
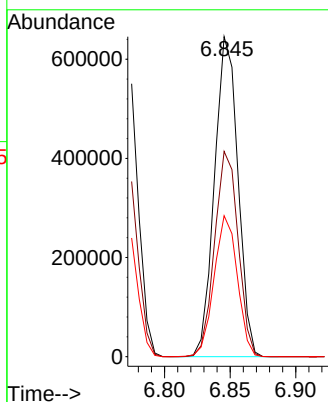
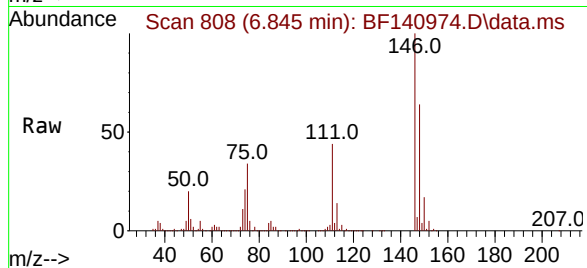
111 44.1 35.3 52.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#14

1,2-Dichlorobenzene

Concen: 39.046 ng

RT: 6.998 min Scan# 834

Delta R.T. 0.000 min

Lab File: BF140974.D

Acq: 26 Dec 2024 18:06

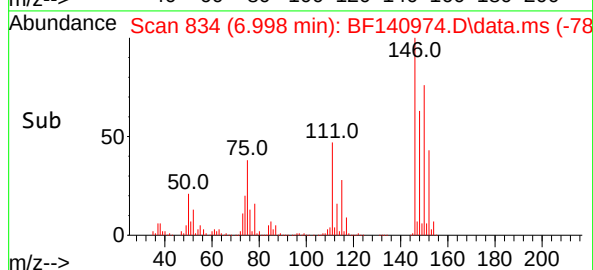
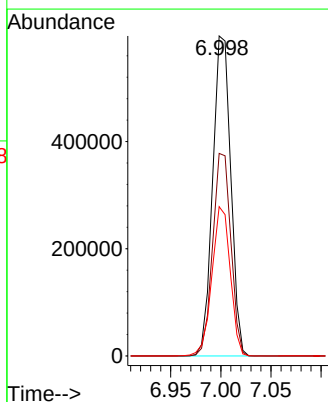
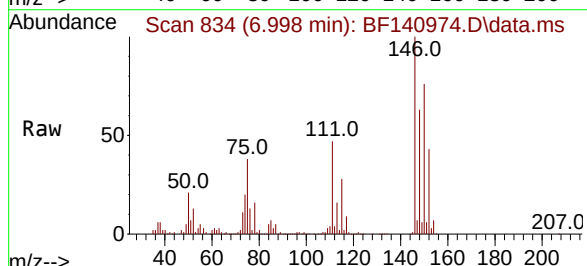
Tgt Ion:146 Resp: 748204

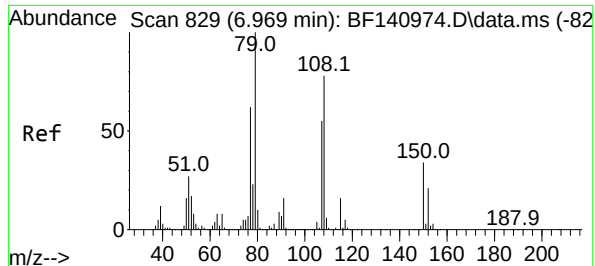
Ion Ratio Lower Upper

146 100

148 63.3 50.6 76.0

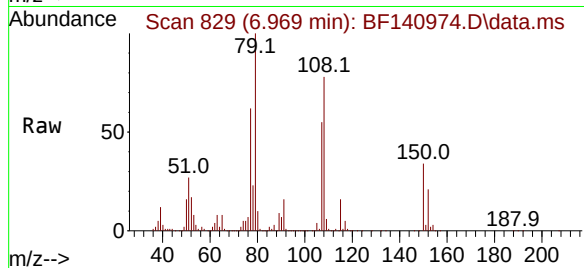
111 46.6 37.3 55.9





#15
Benzyl Alcohol
Concen: 39.926 ng
RT: 6.969 min Scan# 829
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

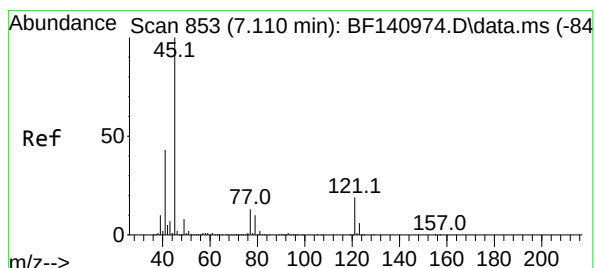
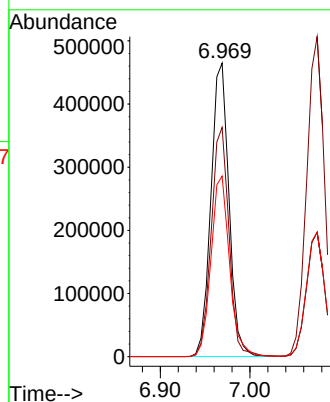
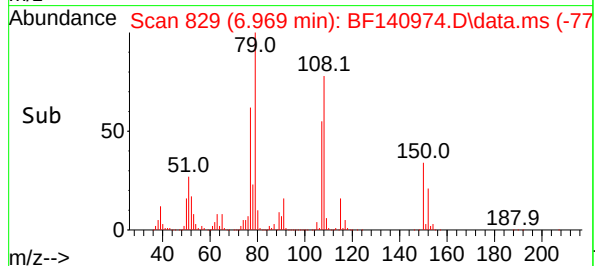
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion: 79 Resp: 647599
Ion Ratio Lower Upper
79 100
108 78.1 62.5 93.7
77 61.6 49.3 73.9

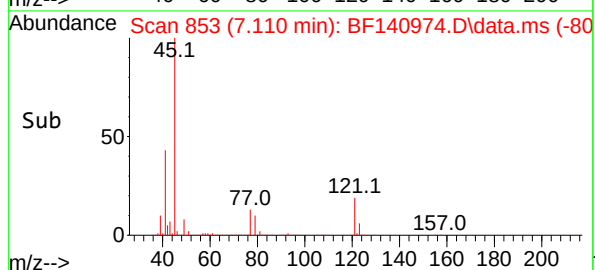
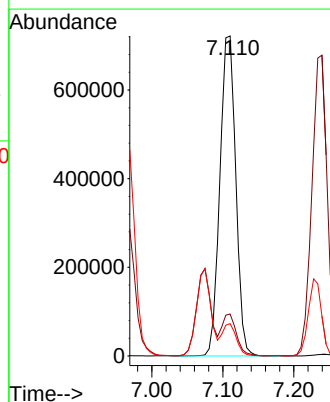
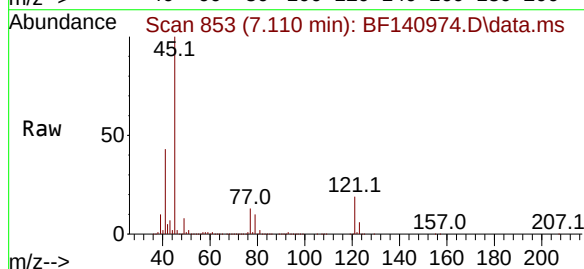
Manual Integrations
APPROVED

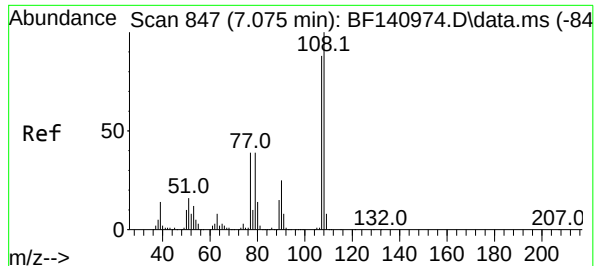
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.138 ng
RT: 7.110 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

Tgt Ion: 45 Resp: 1115398
Ion Ratio Lower Upper
45 100
77 13.1 0.0 33.1
79 10.1 0.0 30.1





#17

2-Methylphenol

Concen: 39.632 ng

RT: 7.075 min Scan# 847

Delta R.T. 0.000 min

Lab File: BF140974.D

Acq: 26 Dec 2024 18:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:107 Resp: 60822

Ion Ratio Lower Upper

107 100

108 113.3 90.6 136.0

77 44.1 35.3 52.9

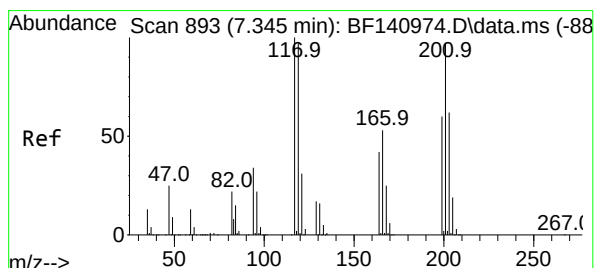
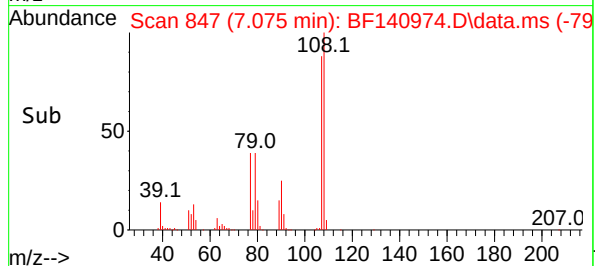
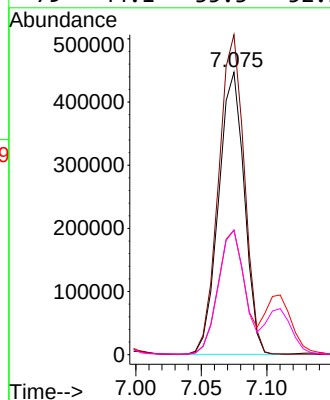
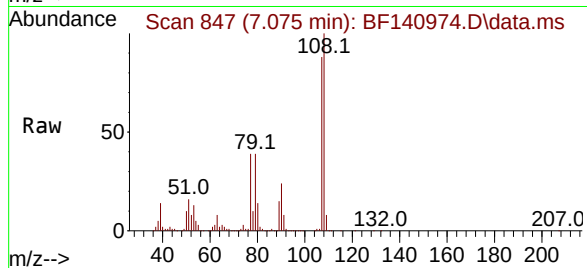
79 44.1 35.3 52.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#18

Hexachloroethane

Concen: 39.351 ng

RT: 7.345 min Scan# 893

Delta R.T. 0.000 min

Lab File: BF140974.D

Acq: 26 Dec 2024 18:06

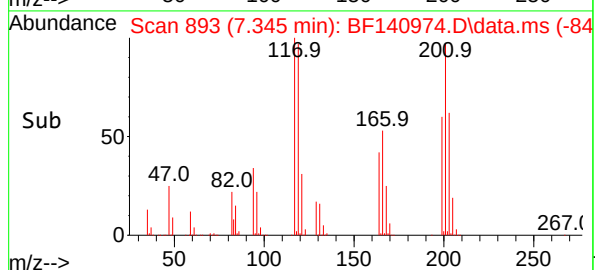
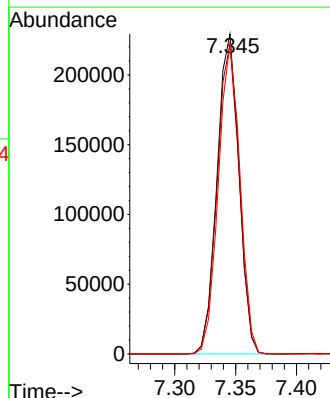
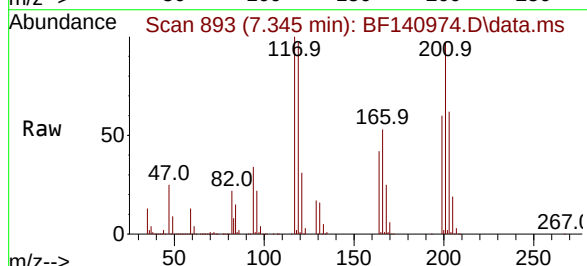
Tgt Ion:117 Resp: 287289

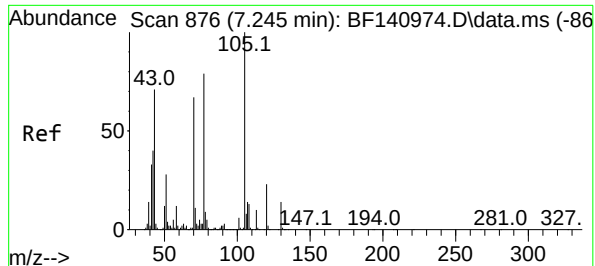
Ion Ratio Lower Upper

117 100

119 96.9 77.5 116.3

201 96.8 77.4 116.2





#19

n-Nitroso-di-n-propylamine

Concen: 38.493 ng

RT: 7.245 min Scan# 876

Delta R.T. 0.000 min

Lab File: BF140974.D

Acq: 26 Dec 2024 18:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 532284

Ion Ratio Lower Upper

70 100

42 60.1 48.1 72.1

101 9.5 7.6 11.4

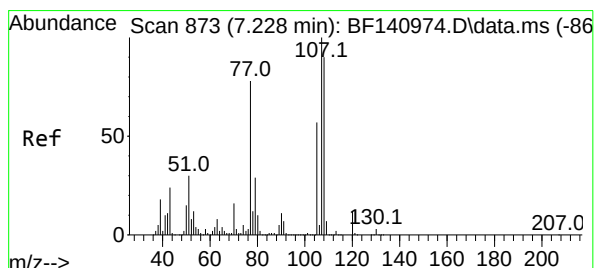
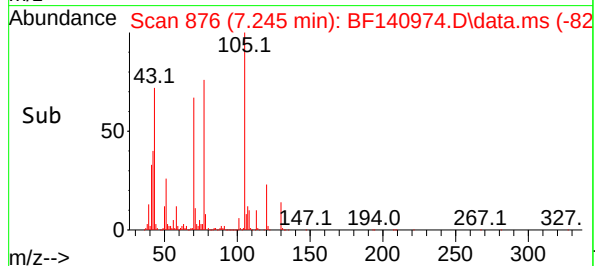
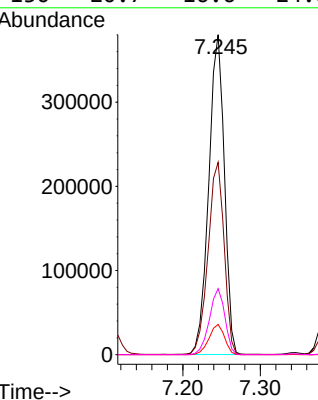
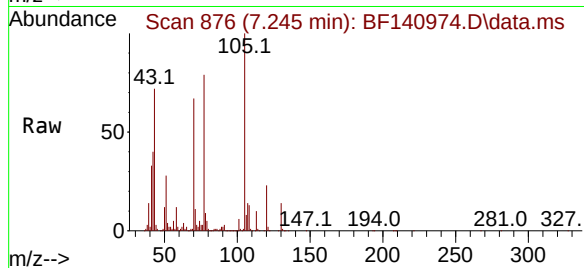
130 20.7 16.6 24.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#20

3+4-Methylphenols

Concen: 39.481 ng

RT: 7.228 min Scan# 873

Delta R.T. 0.000 min

Lab File: BF140974.D

Acq: 26 Dec 2024 18:06

Tgt Ion:107 Resp: 766762

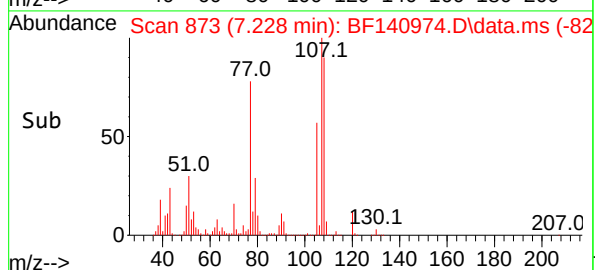
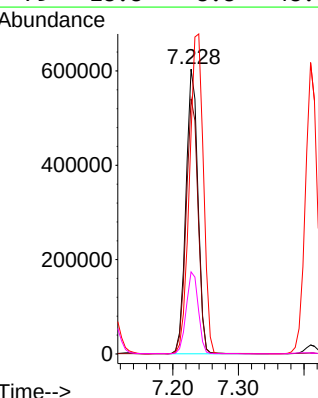
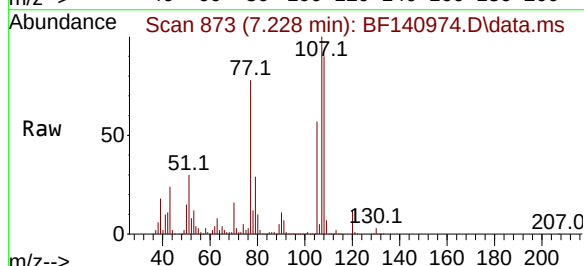
Ion Ratio Lower Upper

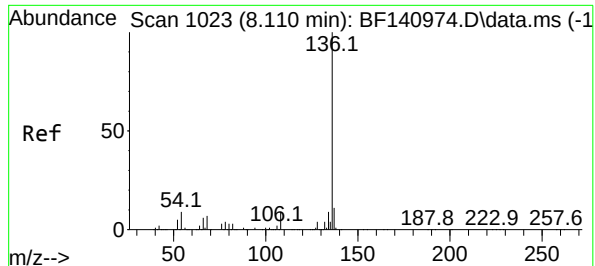
107 100

108 89.6 69.6 109.6

77 77.6 57.6 97.6

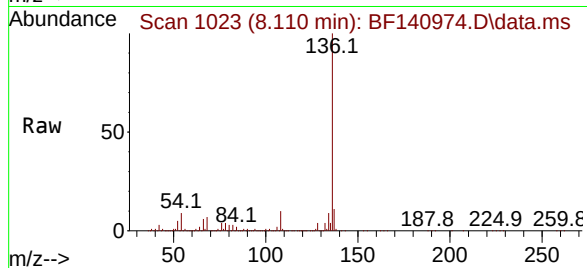
79 28.8 8.8 48.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

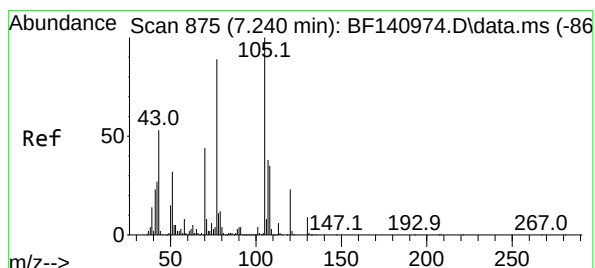
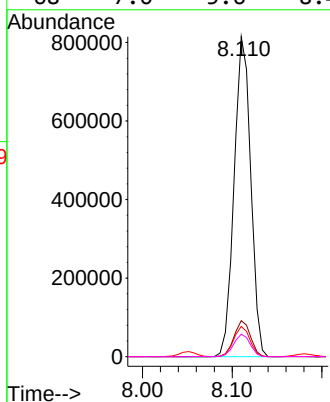
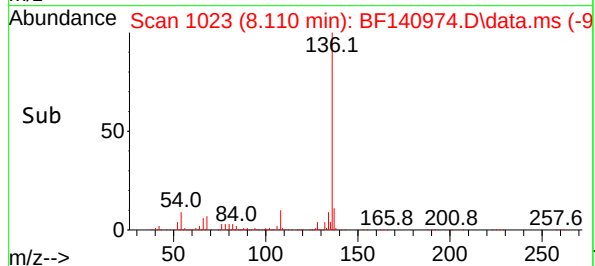
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:136 Resp: 1047010
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 9.5 7.6 11.4
68 7.0 5.6 8.4

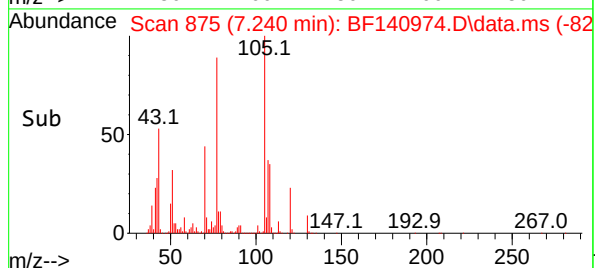
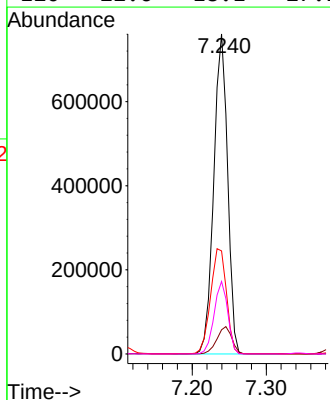
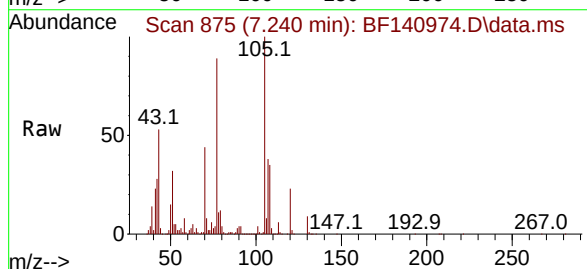
Manual Integrations
APPROVED

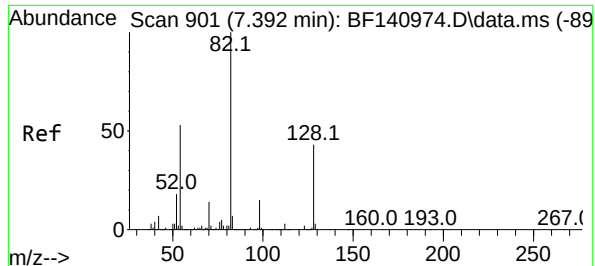
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#22
Acetophenone
Concen: 38.304 ng
RT: 7.240 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

Tgt Ion:105 Resp: 983828
Ion Ratio Lower Upper
105 100
71 7.6 6.1 9.1
51 32.2 25.8 38.6
120 22.6 18.1 27.1





#23

Nitrobenzene-d5

Concen: 83.588 ng

RT: 7.392 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF140974.D

Acq: 26 Dec 2024 18:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 1367940

Ion Ratio Lower Upper

82 100

128 43.0 34.4 51.6

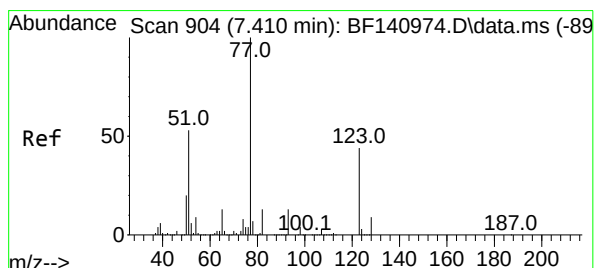
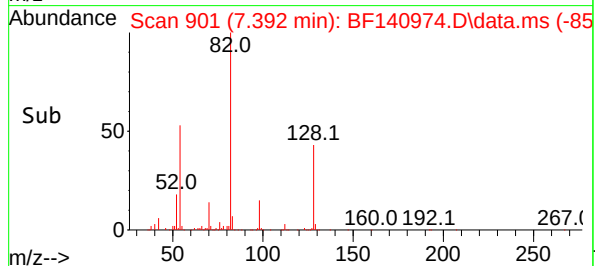
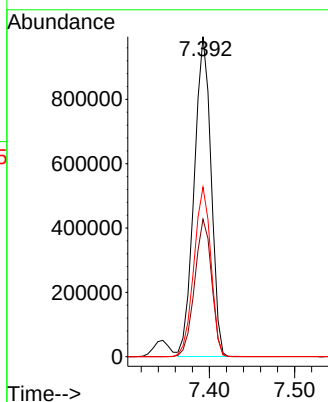
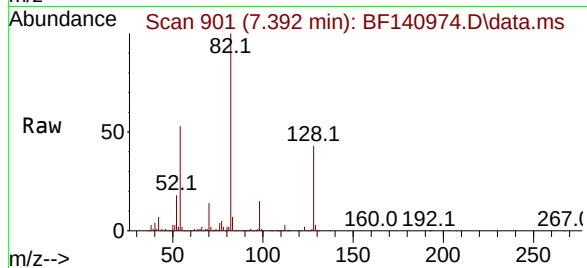
54 53.0 42.4 63.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#24

Nitrobenzene

Concen: 41.970 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF140974.D

Acq: 26 Dec 2024 18:06

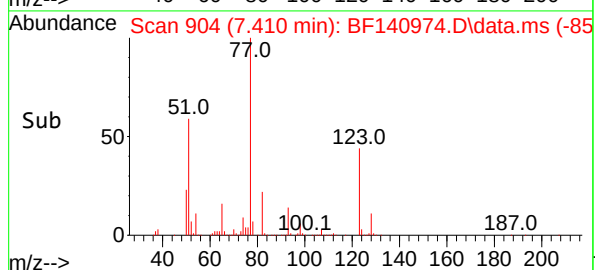
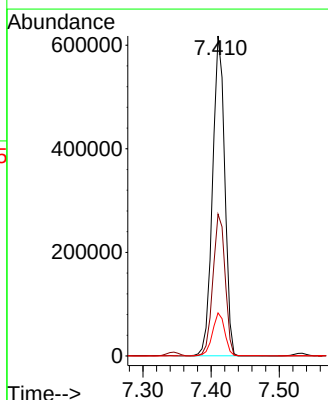
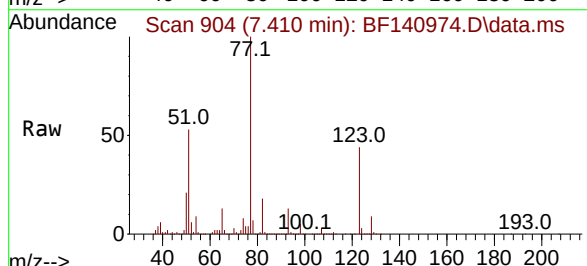
Tgt Ion: 77 Resp: 767486

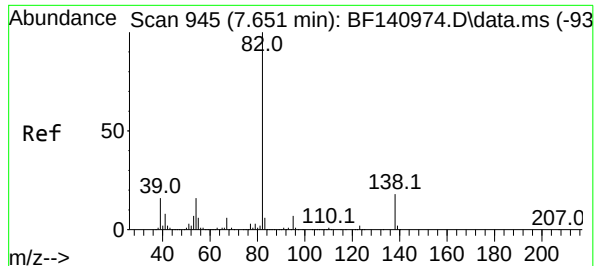
Ion Ratio Lower Upper

77 100

123 44.3 35.4 53.2

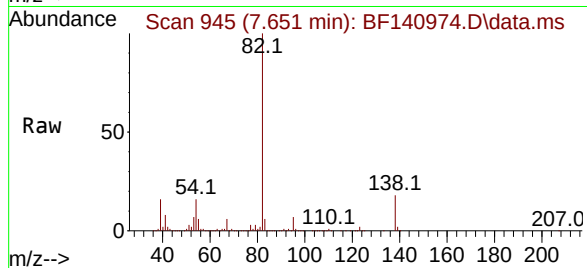
65 13.4 10.7 16.1





#25
Isophorone
Concen: 38.606 ng
RT: 7.651 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

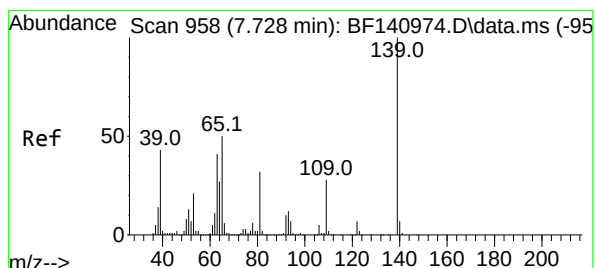
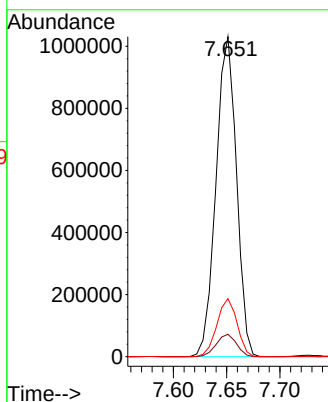
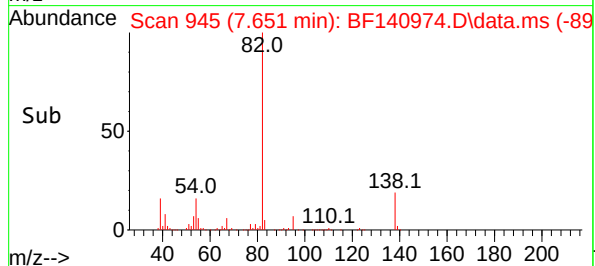
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion: 82 Resp: 137482
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 18.2 14.6 21.8

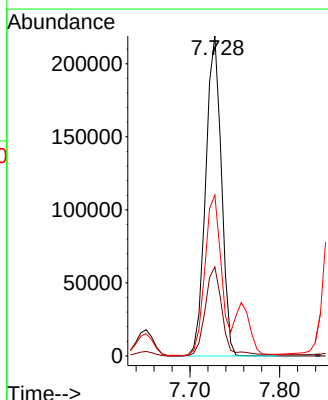
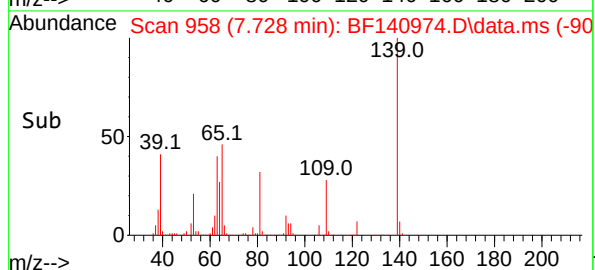
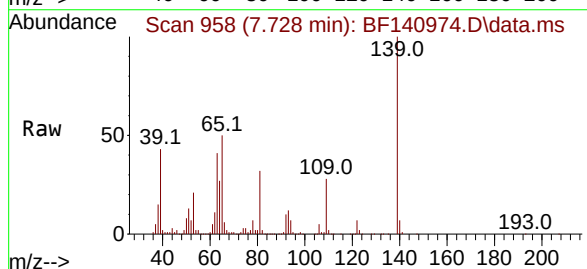
Manual Integrations
APPROVED

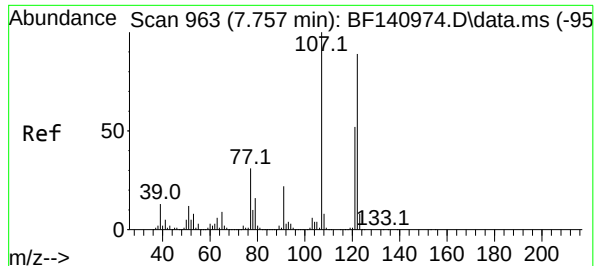
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#26
2-Nitrophenol
Concen: 36.900 ng
RT: 7.728 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

Tgt Ion:139 Resp: 266201
Ion Ratio Lower Upper
139 100
109 27.8 22.2 33.4
65 50.3 40.2 60.4





#27

2,4-Dimethylphenol

Concen: 38.853 ng

RT: 7.757 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF140974.D

Acq: 26 Dec 2024 18:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:122 Resp: 505670

Ion Ratio Lower Upper

122 100

107 111.8 89.4 134.2

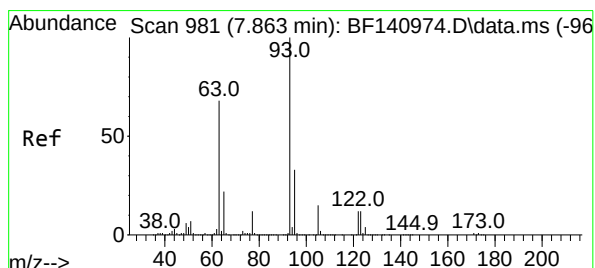
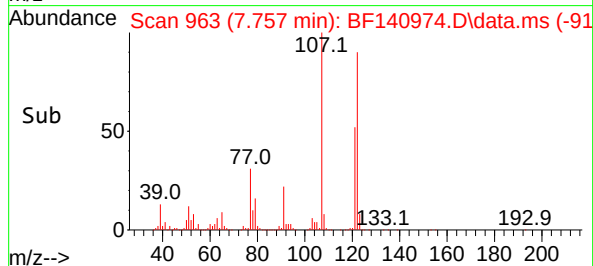
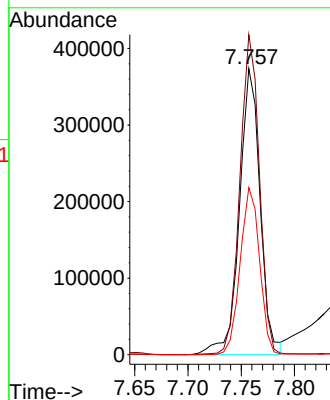
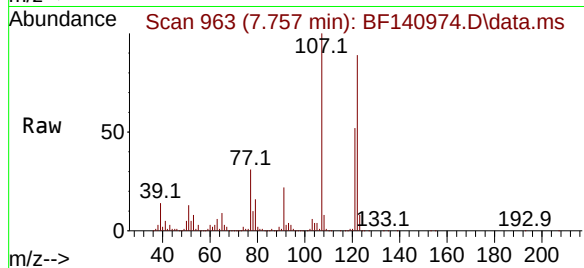
121 58.4 46.7 70.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#28

bis(2-Chloroethoxy)methane

Concen: 38.540 ng

RT: 7.863 min Scan# 981

Delta R.T. 0.000 min

Lab File: BF140974.D

Acq: 26 Dec 2024 18:06

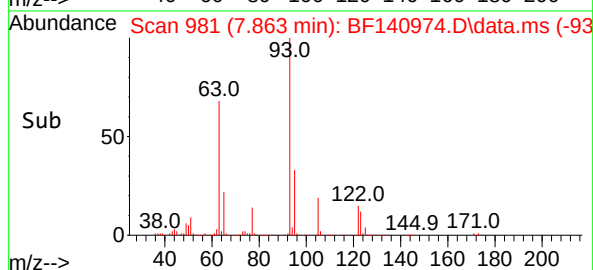
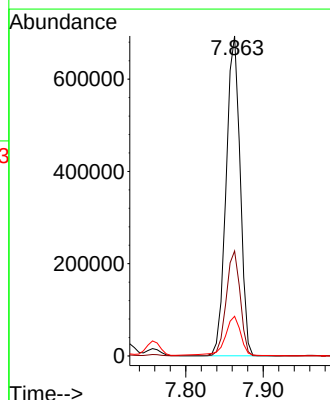
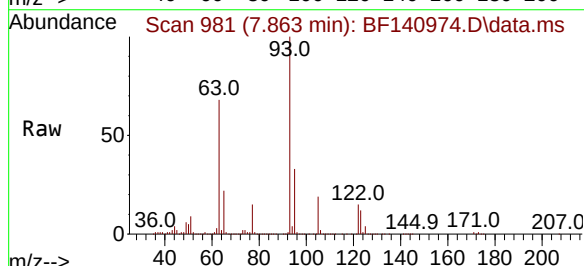
Tgt Ion: 93 Resp: 869568

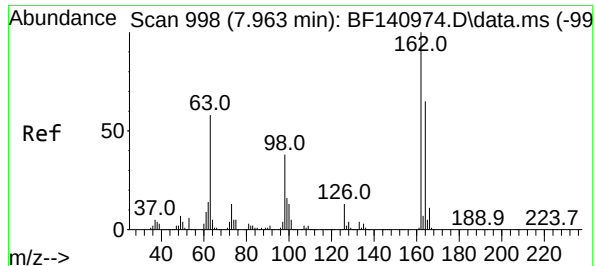
Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.4

123 12.4 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 39.440 ng

RT: 7.963 min Scan# 998

Delta R.T. 0.000 min

Lab File: BF140974.D

Acq: 26 Dec 2024 18:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:162 Resp: 58216

Ion Ratio Lower Upper

162 100

164 64.8 44.8 84.8

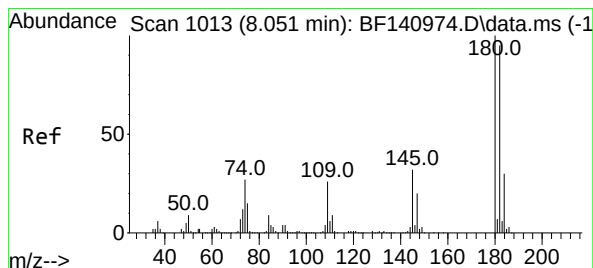
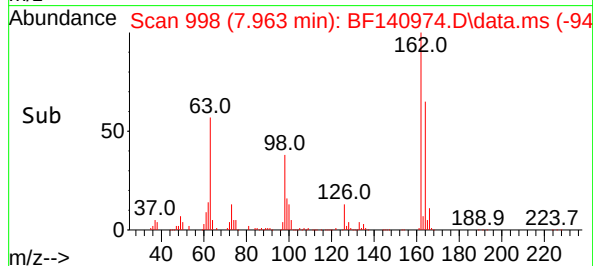
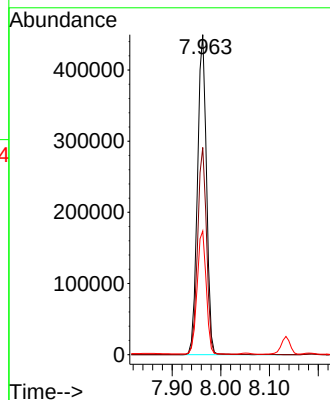
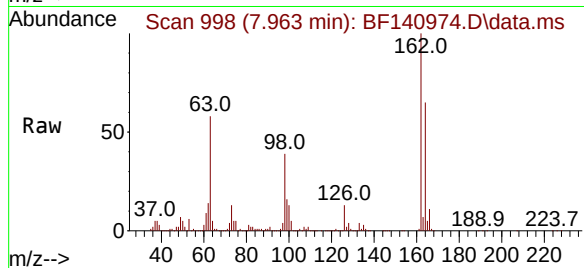
98 38.6 18.6 58.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#30

1,2,4-Trichlorobenzene

Concen: 39.147 ng

RT: 8.051 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF140974.D

Acq: 26 Dec 2024 18:06

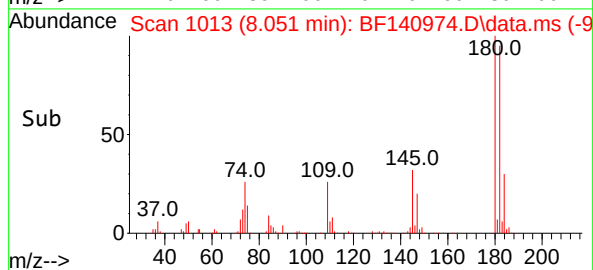
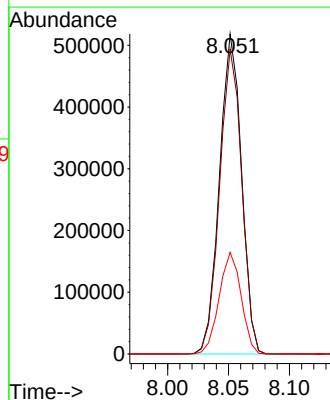
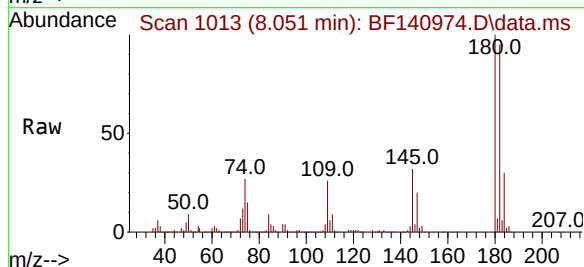
Tgt Ion:180 Resp: 654033

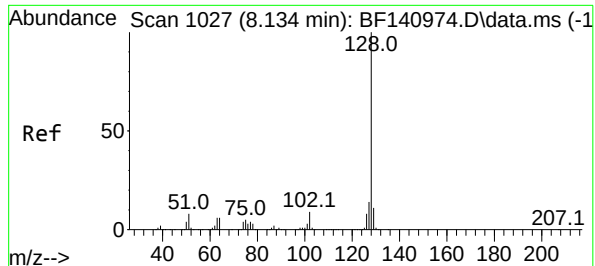
Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.4

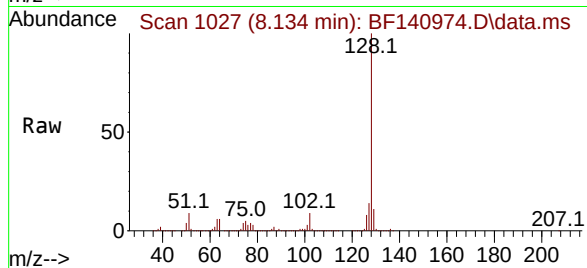
145 31.8 25.4 38.2





#31
Naphthalene
Concen: 38.718 ng
RT: 8.134 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

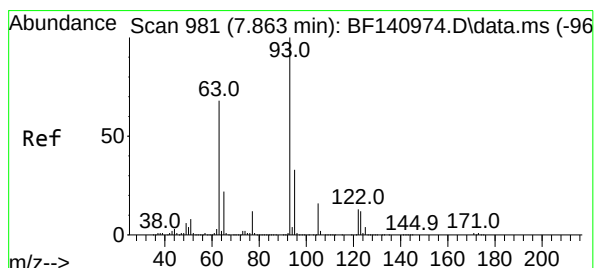
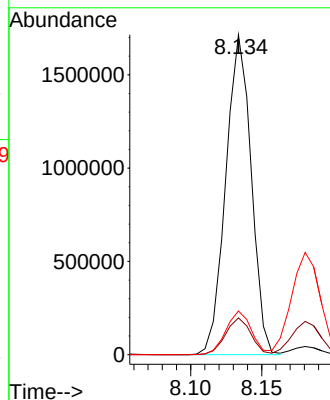
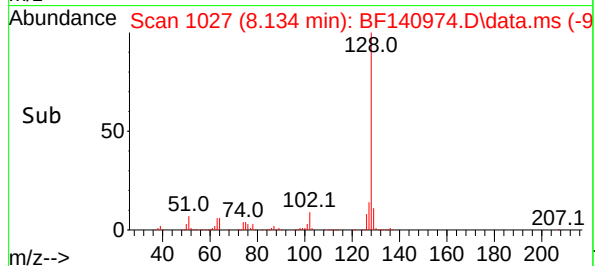
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:128 Resp: 2136130
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.7 11.0 16.4

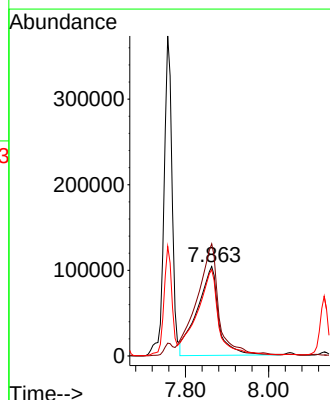
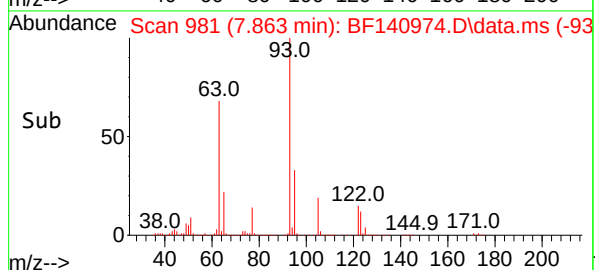
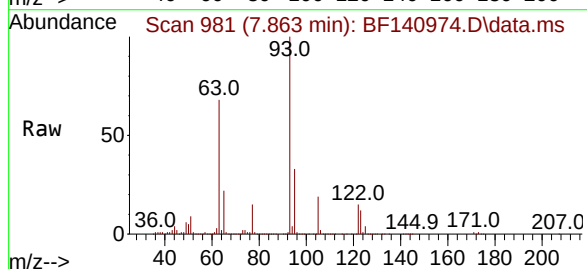
Manual Integrations
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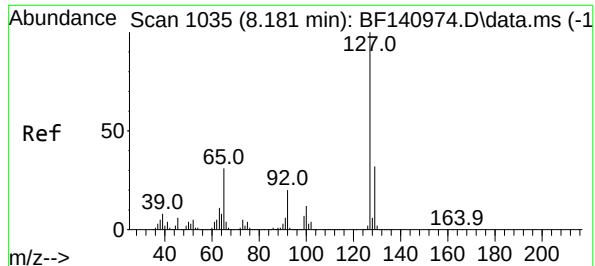
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#32
Benzoic acid
Concen: 36.912 ng
RT: 7.863 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

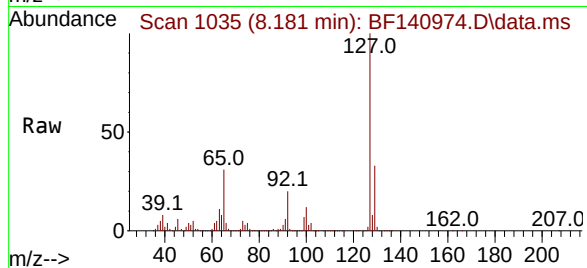
Tgt Ion:122 Resp: 372684
Ion Ratio Lower Upper
122 100
105 125.4 105.4 145.4
77 96.4 76.4 116.4





#33
4-Chloroaniline
Concen: 38.482 ng
RT: 8.181 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

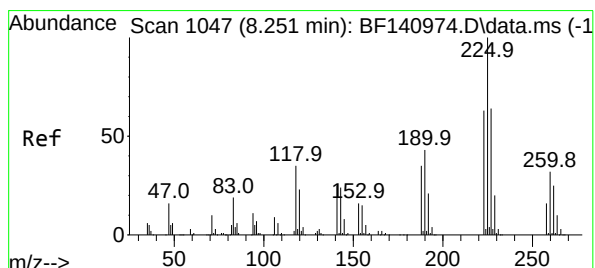
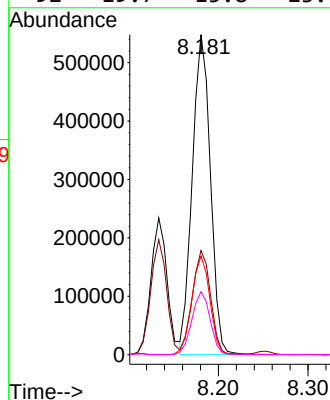
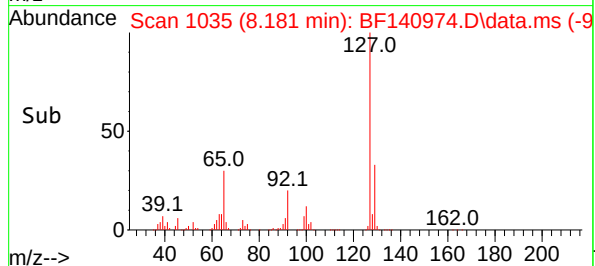
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:127 Resp: 76806
Ion Ratio Lower Upper
127 100
129 32.6 26.1 39.1
65 30.8 24.6 37.0
92 19.7 15.8 23.6

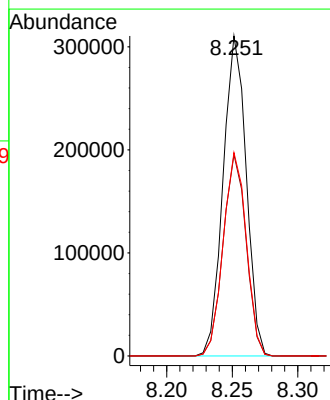
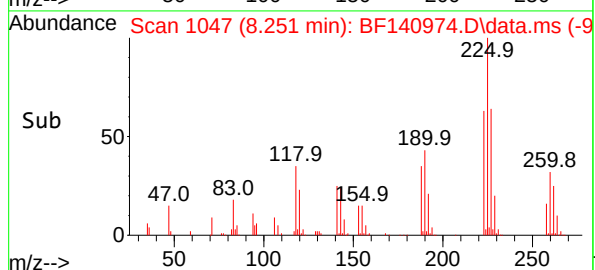
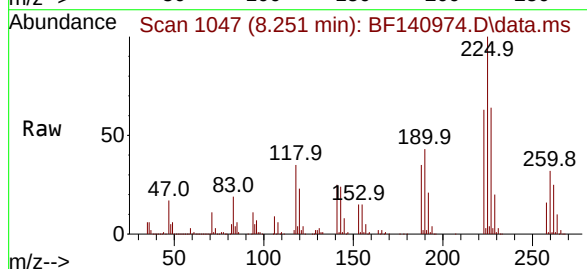
Manual Integrations
APPROVED

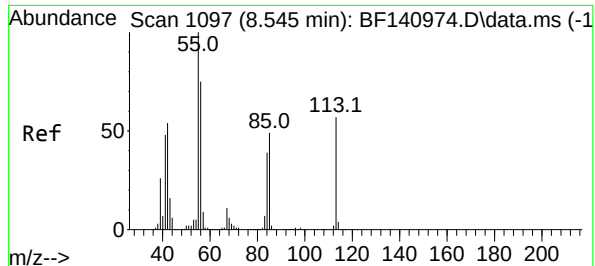
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#34
Hexachlorobutadiene
Concen: 38.591 ng
RT: 8.251 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

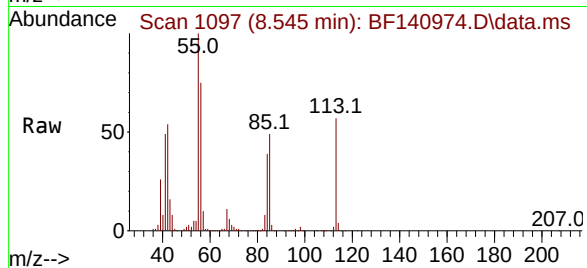
Tgt Ion:225 Resp: 380095
Ion Ratio Lower Upper
225 100
223 62.9 50.3 75.5
227 63.5 50.8 76.2





#35
Caprolactam
Concen: 39.375 ng m
RT: 8.545 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

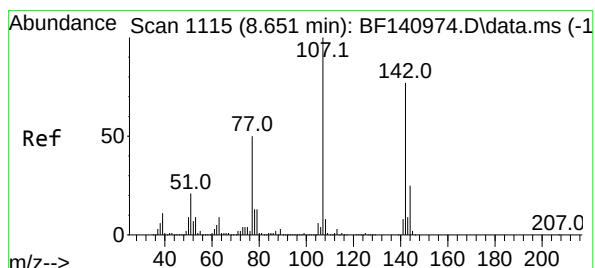
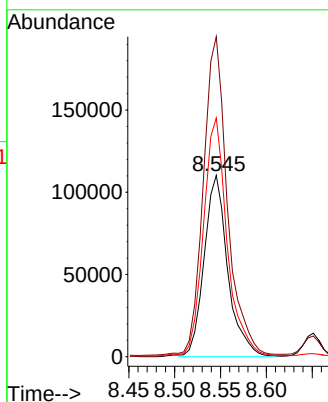
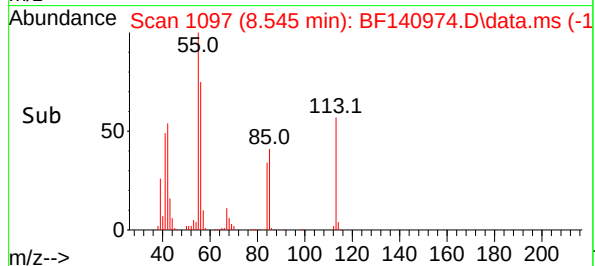
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:113 Resp: 197600
Ion Ratio Lower Upper
113 100
55 176.6 156.6 196.6
56 131.7 111.7 151.7

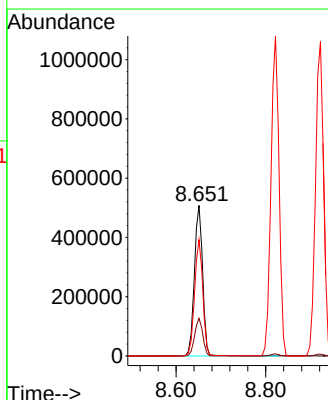
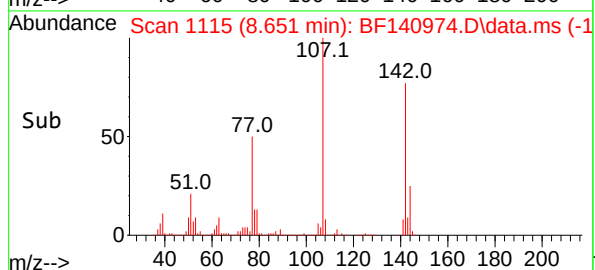
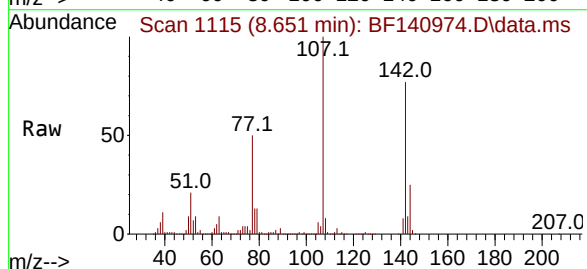
Manual Integrations
APPROVED

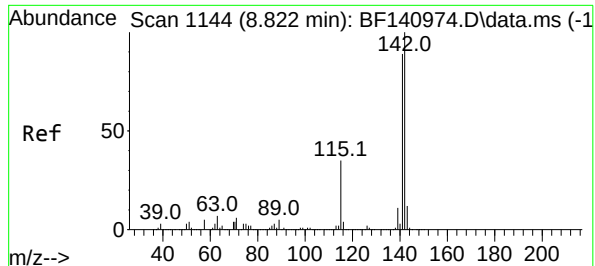
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#36
4-Chloro-3-methylphenol
Concen: 39.434 ng
RT: 8.651 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

Tgt Ion:107 Resp: 646441
Ion Ratio Lower Upper
107 100
144 24.9 19.9 29.9
142 77.3 61.8 92.8





#37

2-Methylnaphthalene

Concen: 38.077 ng

RT: 8.822 min Scan# 1144

Delta R.T. 0.000 min

Lab File: BF140974.D

Acq: 26 Dec 2024 18:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:142 Resp: 134394

Ion Ratio Lower Upper

142 100

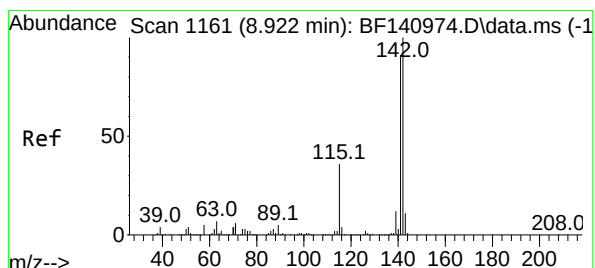
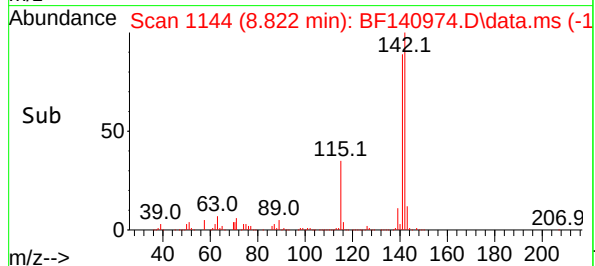
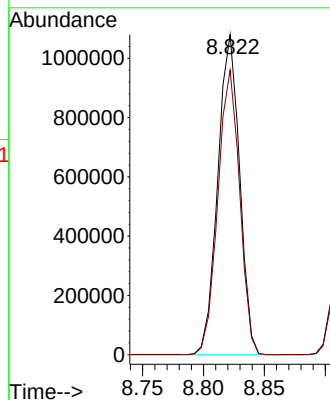
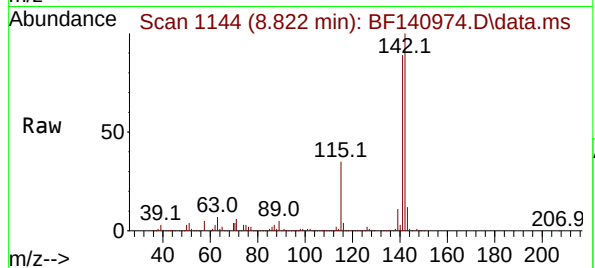
141 88.9 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#38

1-Methylnaphthalene

Concen: 38.354 ng

RT: 8.922 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF140974.D

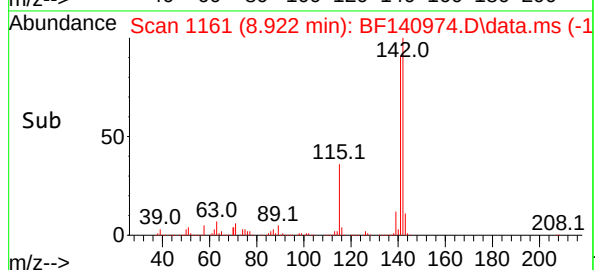
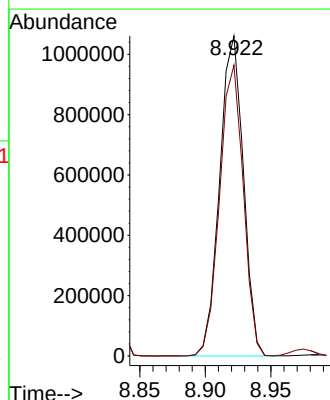
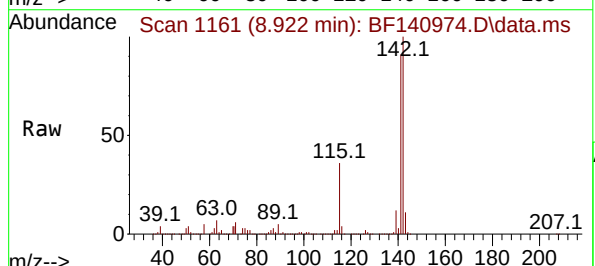
Acq: 26 Dec 2024 18:06

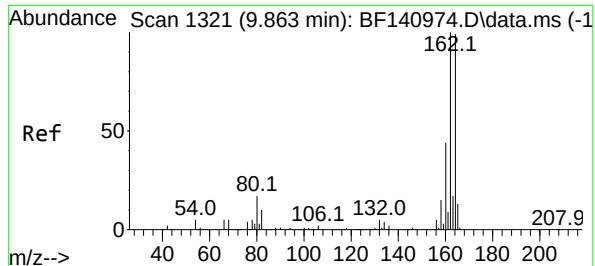
Tgt Ion:142 Resp: 1330393

Ion Ratio Lower Upper

142 100

141 90.9 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140974.D

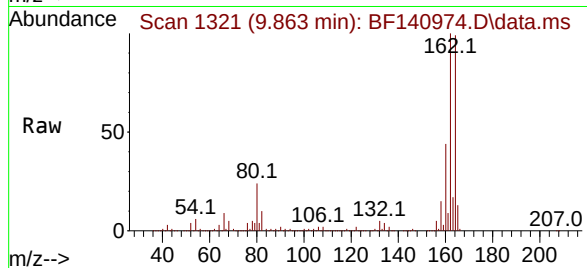
Acq: 26 Dec 2024 18:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:164 Resp: 555398

Ion Ratio Lower Upper

164 100

162 100.7 80.6 120.8

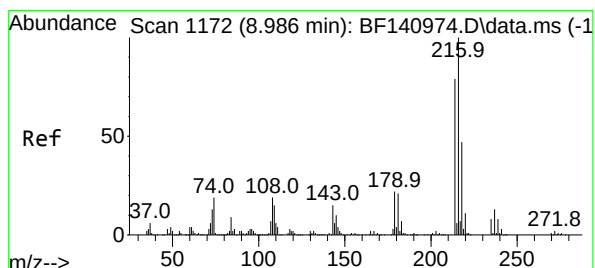
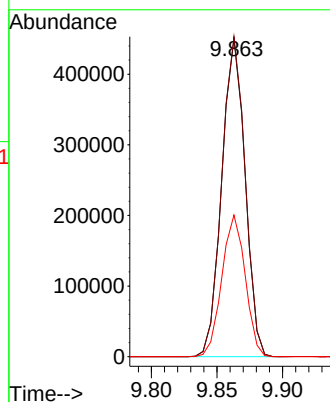
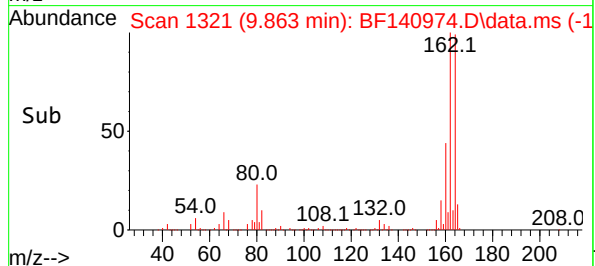
160 44.6 35.7 53.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.917 ng

RT: 8.986 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF140974.D

Acq: 26 Dec 2024 18:06

Tgt Ion:216 Resp: 594643

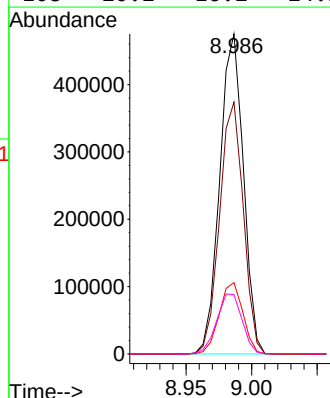
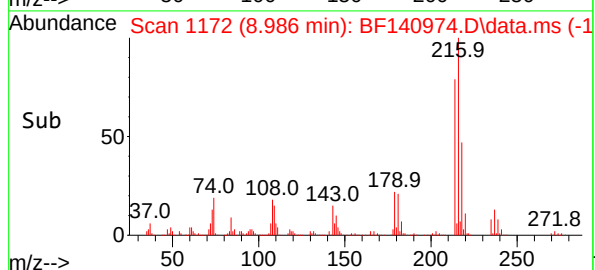
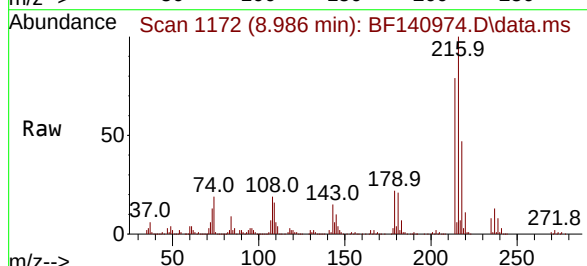
Ion Ratio Lower Upper

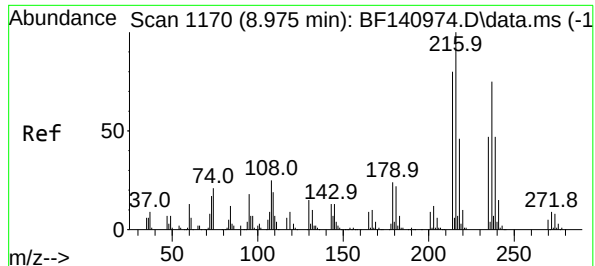
216 100

214 78.8 63.0 94.6

179 22.4 17.9 26.9

108 20.2 16.2 24.2





#41

Hexachlorocyclopentadiene

Concen: 40.922 ng

RT: 8.975 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF140974.D

Acq: 26 Dec 2024 18:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:237 Resp: 207209

Ion Ratio Lower Upper

237 100

235 63.4 43.4 83.4

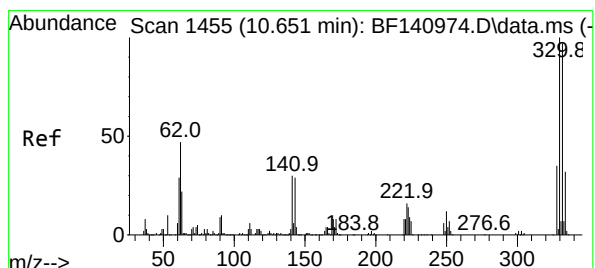
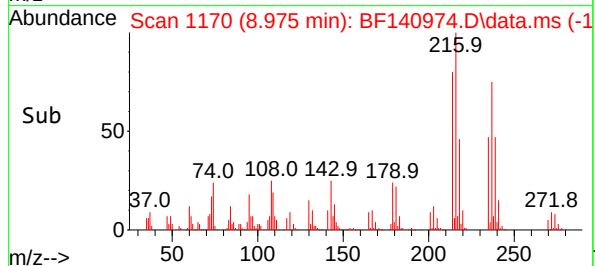
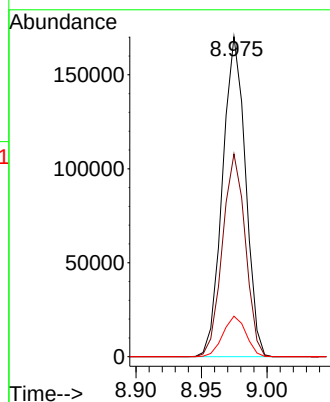
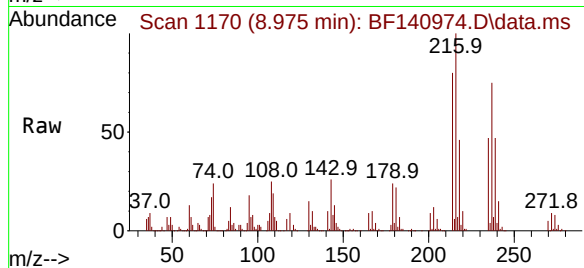
272 12.6 0.0 32.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#42

2,4,6-Tribromophenol

Concen: 80.733 ng

RT: 10.651 min Scan# 1455

Delta R.T. 0.000 min

Lab File: BF140974.D

Acq: 26 Dec 2024 18:06

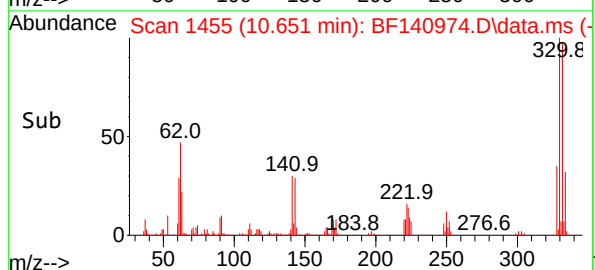
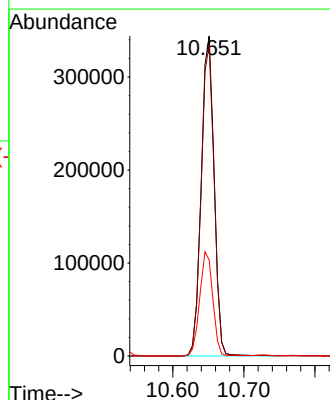
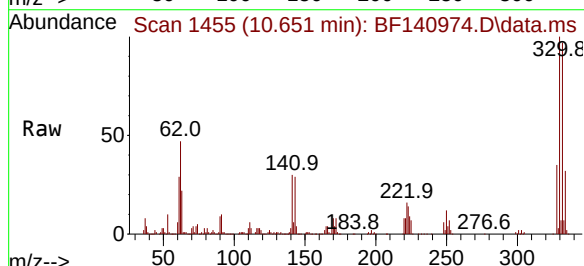
Tgt Ion:330 Resp: 435705

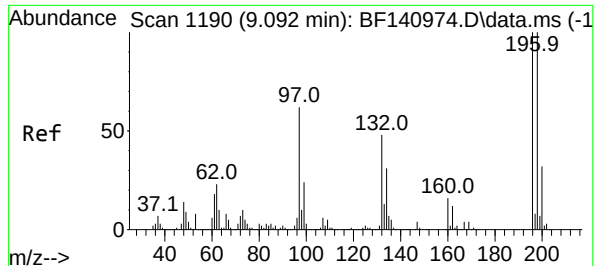
Ion Ratio Lower Upper

330 100

332 97.5 78.0 117.0

141 33.0 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 39.741 ng

RT: 9.092 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF140974.D

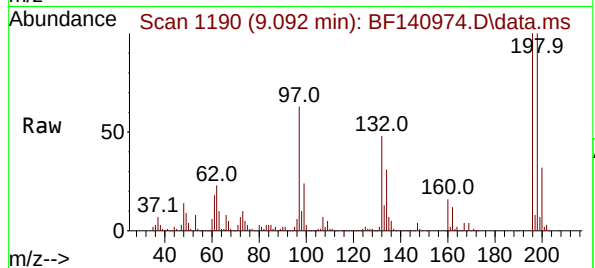
Acq: 26 Dec 2024 18:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



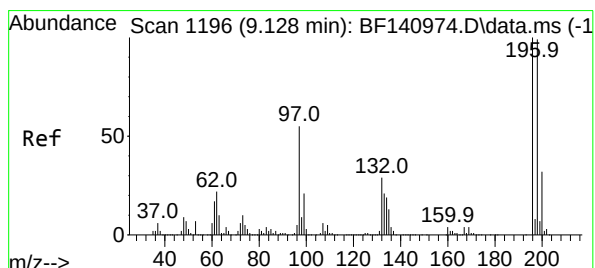
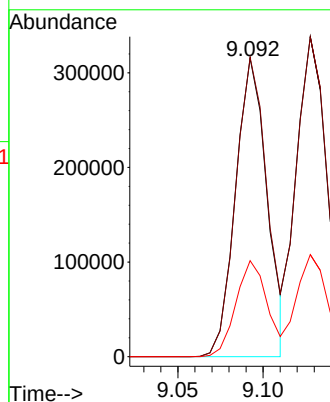
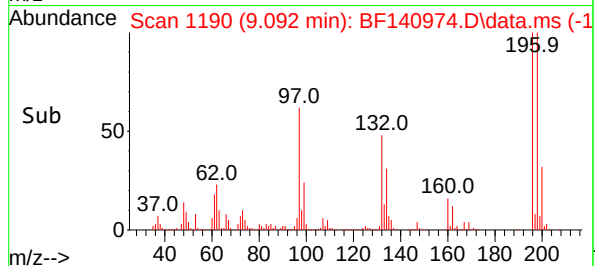
Tgt Ion:196	Resp:	40414
Ion Ratio	Lower	Upper
196	100	
198	100.3	80.2 120.4
200	32.2	25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#44

2,4,5-Trichlorophenol

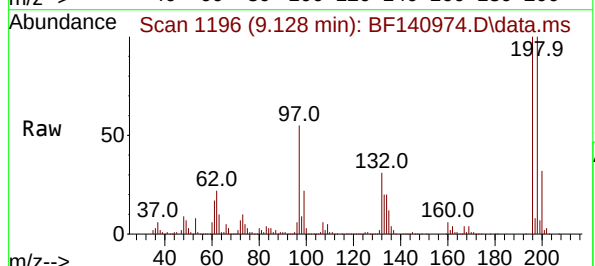
Concen: 40.562 ng

RT: 9.128 min Scan# 1196

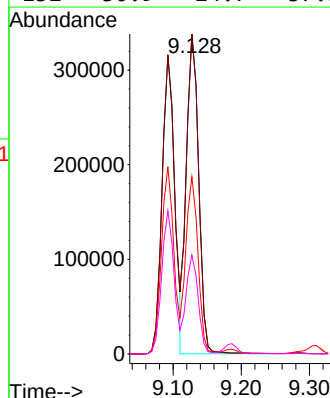
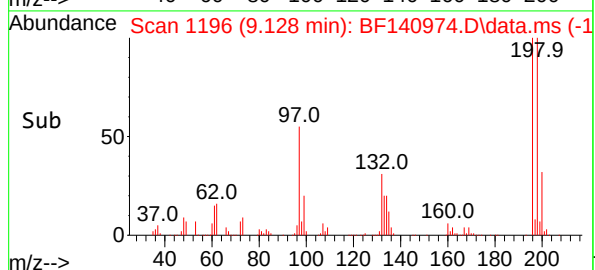
Delta R.T. 0.000 min

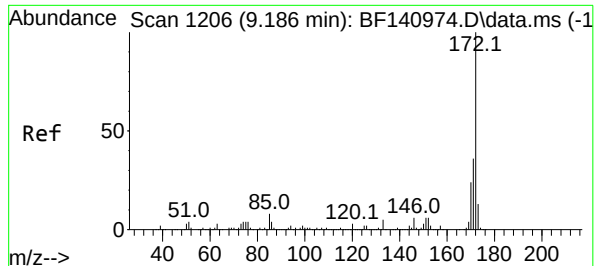
Lab File: BF140974.D

Acq: 26 Dec 2024 18:06



Tgt Ion:196	Resp:	422062
Ion Ratio	Lower	Upper
196	100	
198	99.9	79.9 119.9
97	55.4	44.3 66.5
132	30.9	24.7 37.1





#45

2-Fluorobiphenyl

Concen: 74.872 ng

RT: 9.186 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF140974.D

Acq: 26 Dec 2024 18:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:172 Resp: 2610020

Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.4

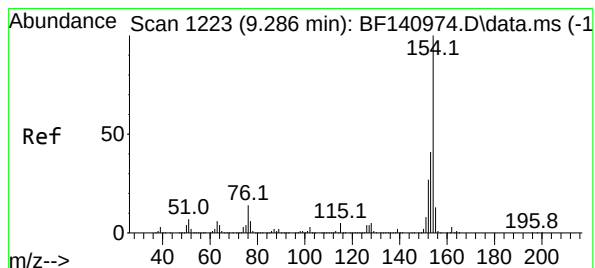
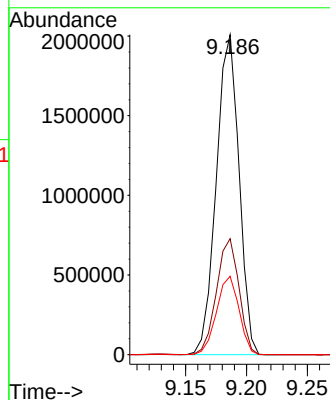
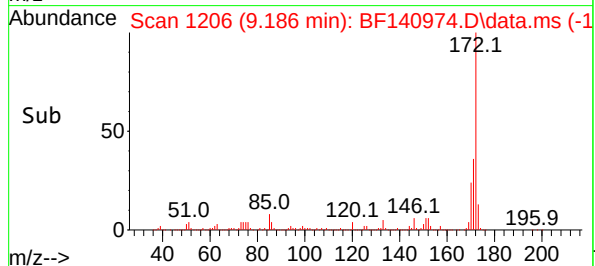
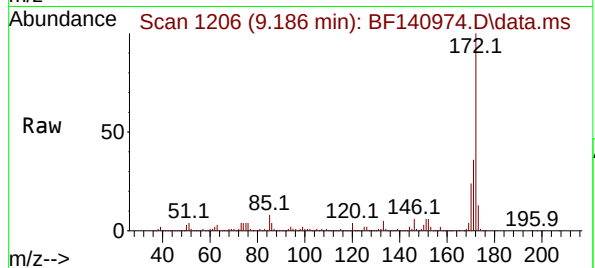
170 24.5 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#46

1,1'-Biphenyl

Concen: 38.638 ng

RT: 9.286 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF140974.D

Acq: 26 Dec 2024 18:06

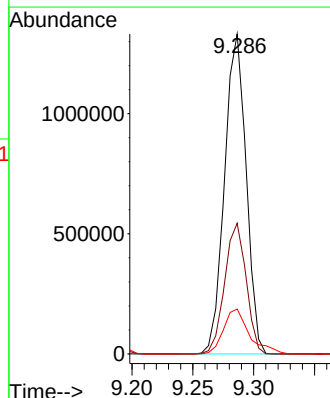
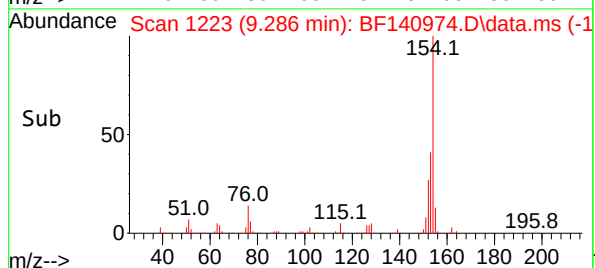
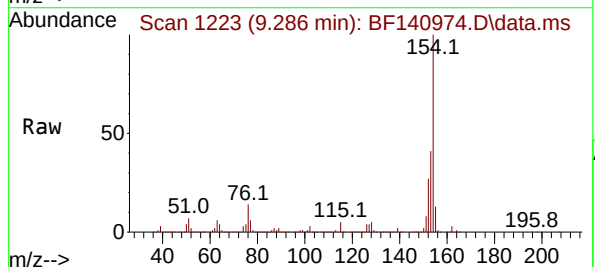
Tgt Ion:154 Resp: 1643157

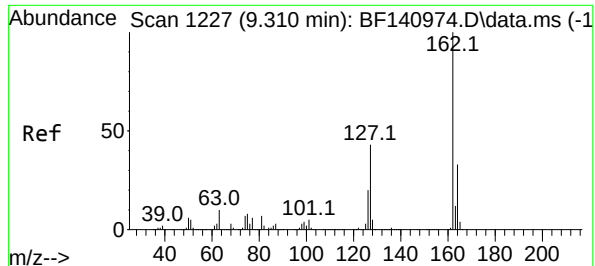
Ion Ratio Lower Upper

154 100

153 40.9 20.9 60.9

76 14.0 0.0 34.0





#47

2-Chloronaphthalene

Concen: 38.385 ng

RT: 9.310 min Scan# 1227

Delta R.T. -0.000 min

Lab File: BF140974.D

Acq: 26 Dec 2024 18:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:162 Resp: 1266020

Ion Ratio Lower Upper

162 100

127 42.8 34.2 51.4

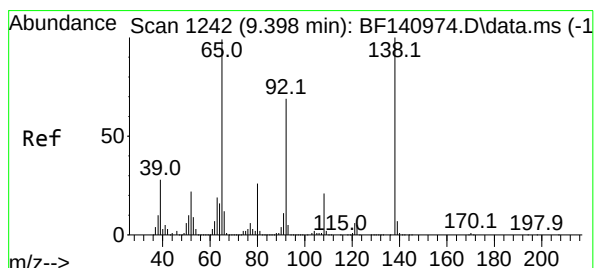
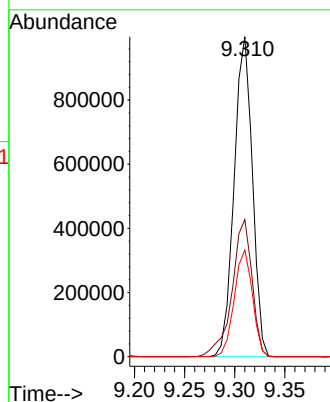
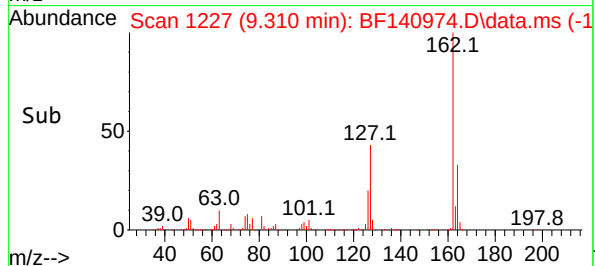
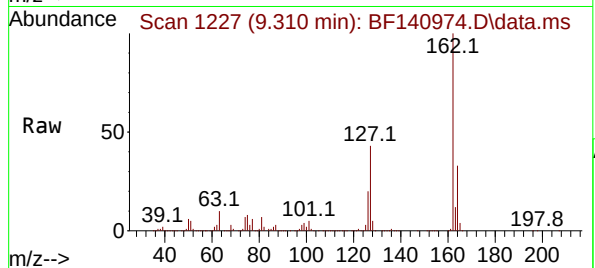
164 33.3 26.6 40.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#48

2-Nitroaniline

Concen: 38.138 ng

RT: 9.398 min Scan# 1242

Delta R.T. 0.000 min

Lab File: BF140974.D

Acq: 26 Dec 2024 18:06

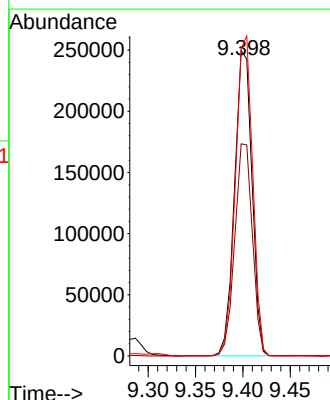
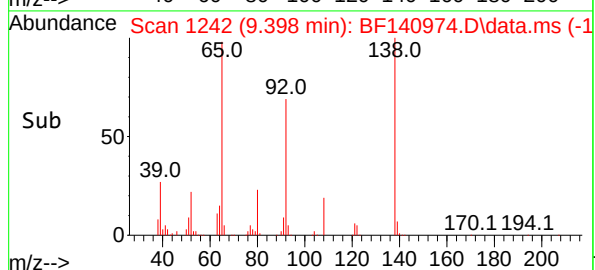
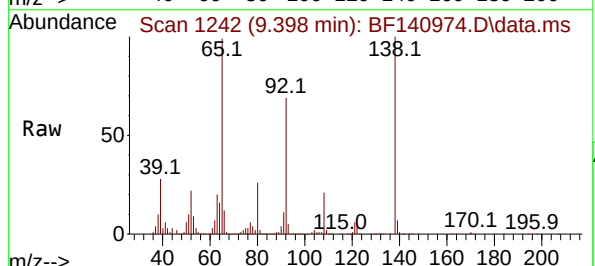
Tgt Ion: 65 Resp: 319958

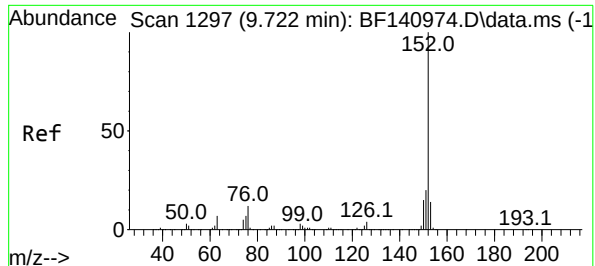
Ion Ratio Lower Upper

65 100

92 69.5 55.6 83.4

138 100.6 80.5 120.7





#49

Acenaphthylene

Concen: 38.706 ng

RT: 9.722 min Scan# 1297

Delta R.T. -0.000 min

Lab File: BF140974.D

Acq: 26 Dec 2024 18:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:152 Resp: 183775

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

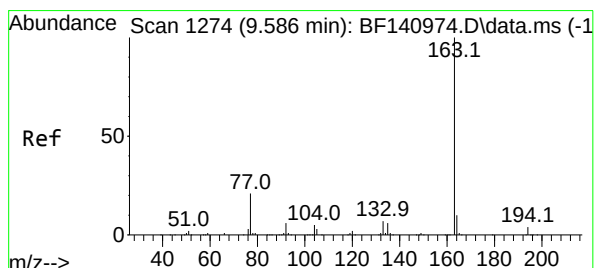
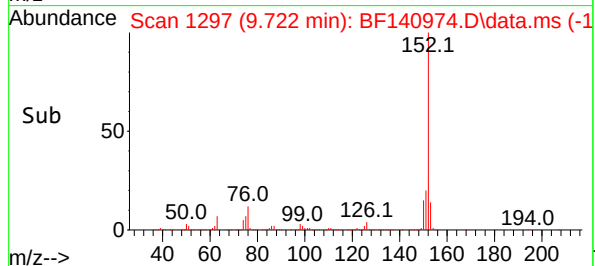
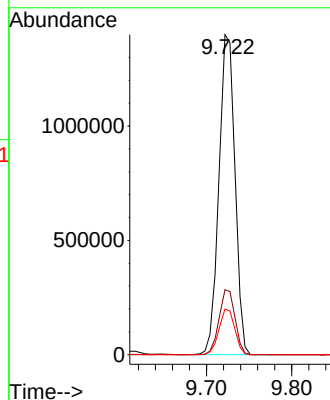
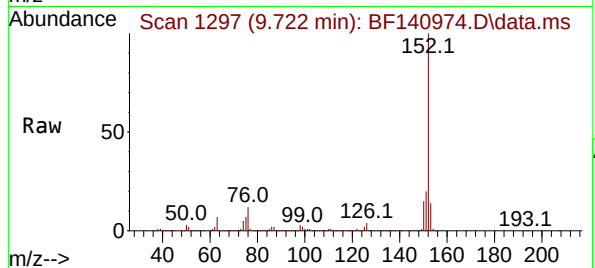
153 14.2 11.4 17.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#50

Dimethylphthalate

Concen: 39.074 ng

RT: 9.586 min Scan# 1274

Delta R.T. 0.000 min

Lab File: BF140974.D

Acq: 26 Dec 2024 18:06

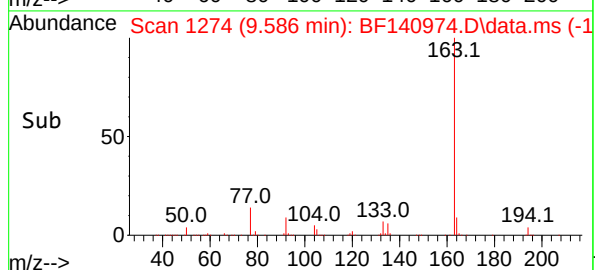
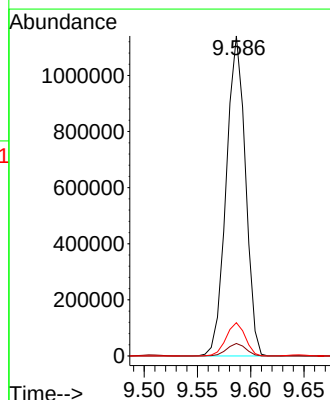
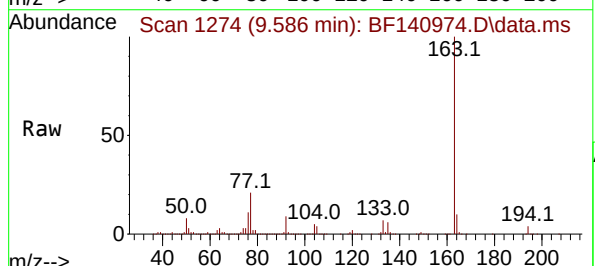
Tgt Ion:163 Resp: 1427475

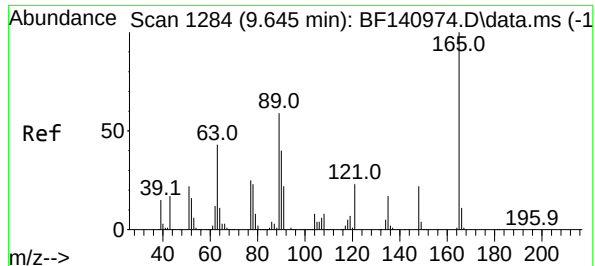
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

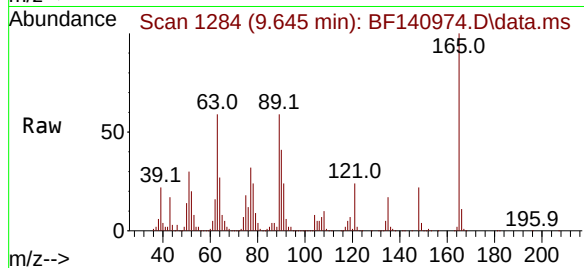
164 10.4 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 38.871 ng
RT: 9.645 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

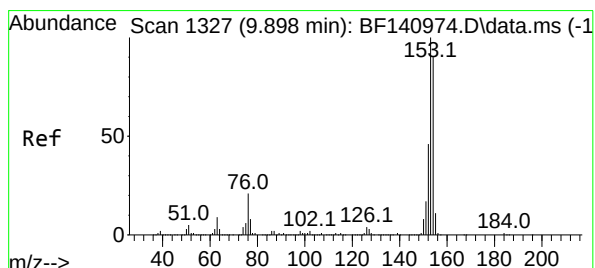
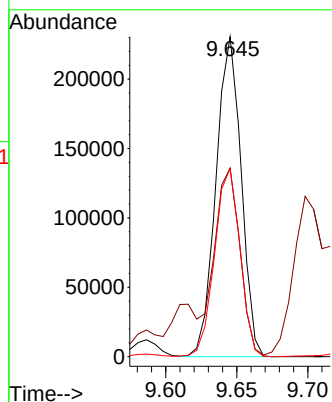
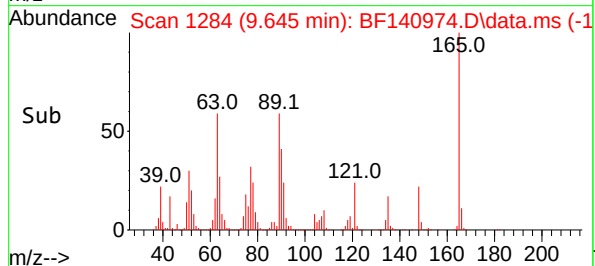
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:165 Resp: 283992
Ion Ratio Lower Upper
165 100
63 58.9 47.1 70.7
89 58.7 47.0 70.4

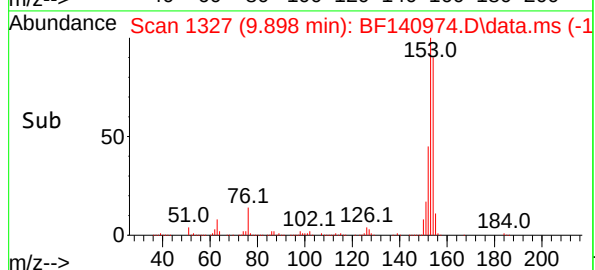
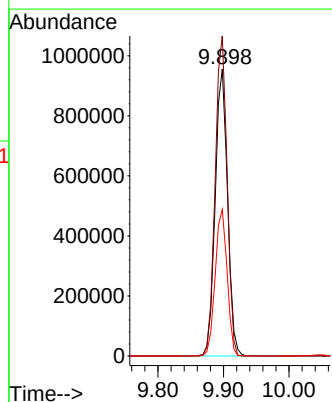
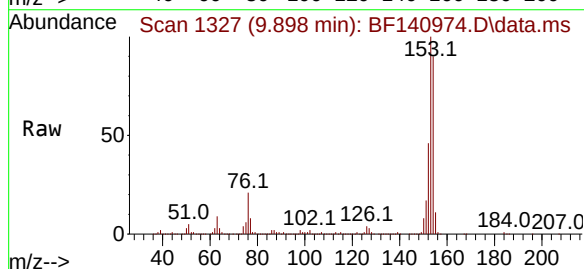
Manual Integrations
APPROVED

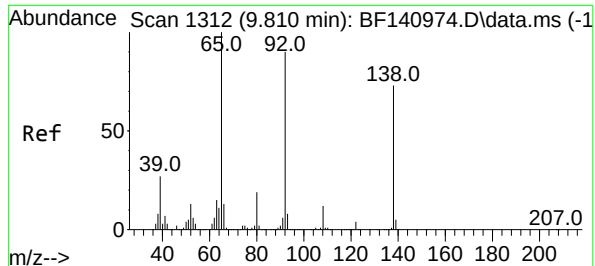
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#52
Acenaphthene
Concen: 38.737 ng
RT: 9.898 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

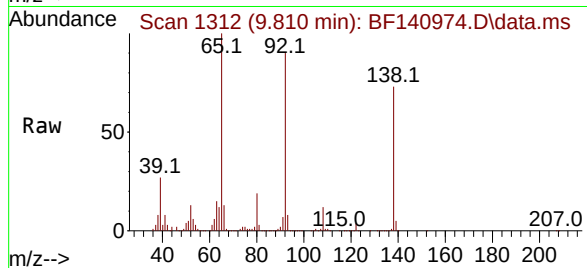
Tgt Ion:154 Resp: 1243394
Ion Ratio Lower Upper
154 100
153 111.5 89.2 133.8
152 51.1 40.9 61.3





#53
3-Nitroaniline
Concen: 39.221 ng
RT: 9.810 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

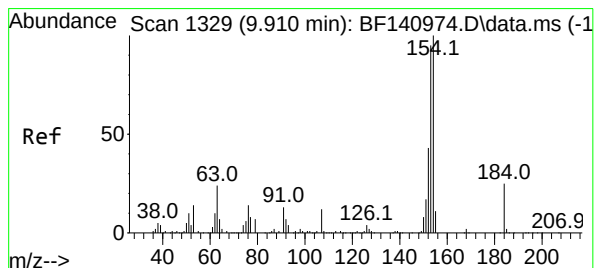
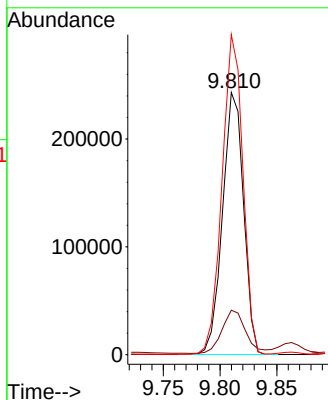
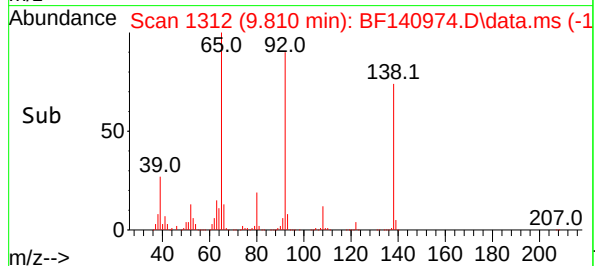
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:138 Resp: 312579
Ion Ratio Lower Upper
138 100
108 16.9 13.5 20.3
92 122.1 97.7 146.5

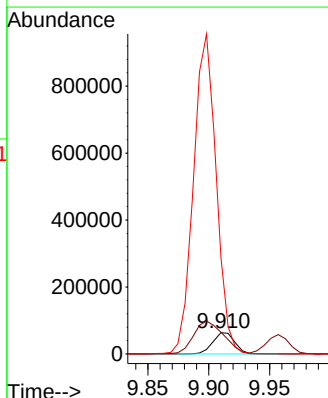
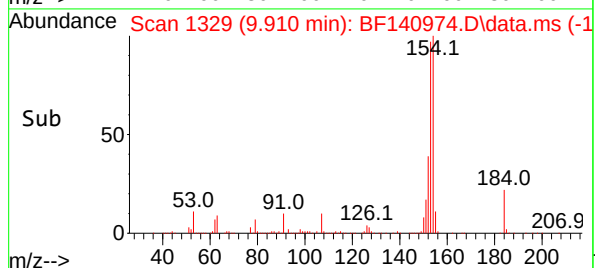
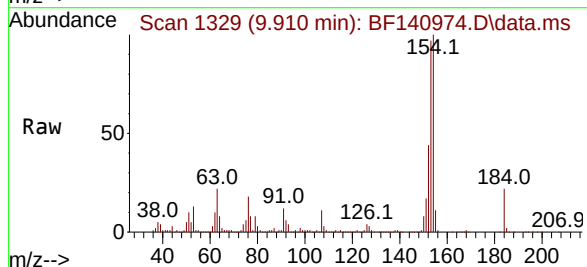
Manual Integrations
APPROVED

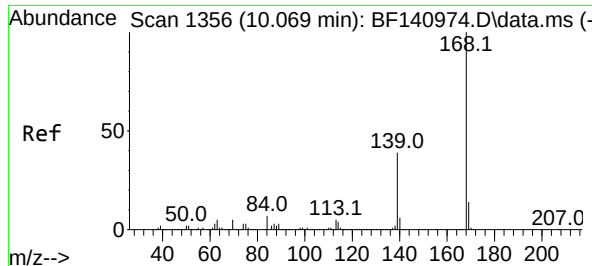
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#54
2,4-Dinitrophenol
Concen: 37.853 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

Tgt Ion:184 Resp: 79893
Ion Ratio Lower Upper
184 100
63 102.0 81.6 122.4
154 454.4 363.5 545.3





#55

Dibenzenofuran

Concen: 38.535 ng

RT: 10.069 min Scan# 1356

Delta R.T. 0.000 min

Lab File: BF140974.D

Acq: 26 Dec 2024 18:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:168 Resp: 173827

Ion Ratio Lower Upper

168 100

139 39.5 31.6 47.4

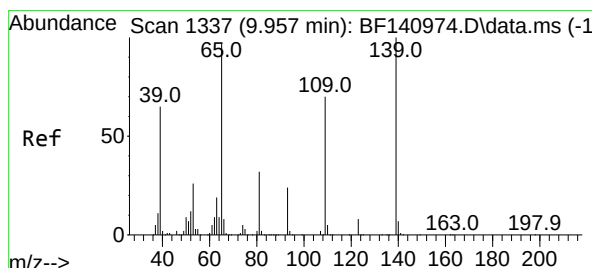
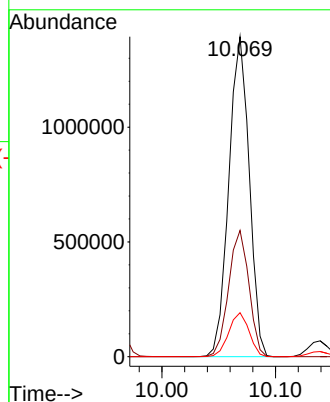
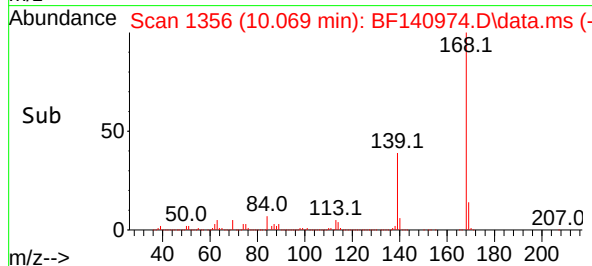
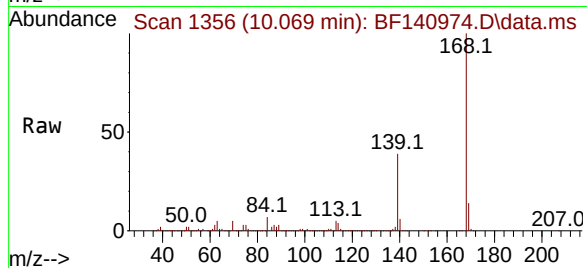
169 13.8 11.0 16.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#56

4-Nitrophenol

Concen: 40.744 ng

RT: 9.957 min Scan# 1337

Delta R.T. -0.000 min

Lab File: BF140974.D

Acq: 26 Dec 2024 18:06

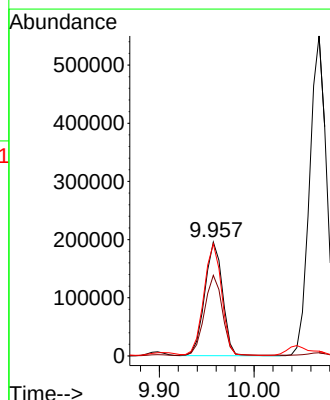
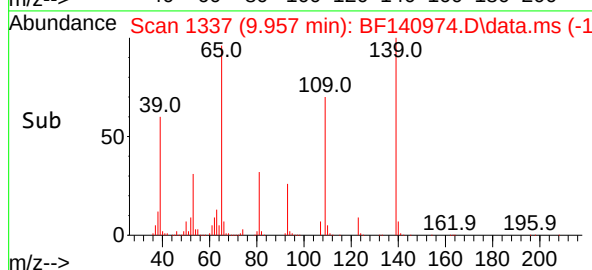
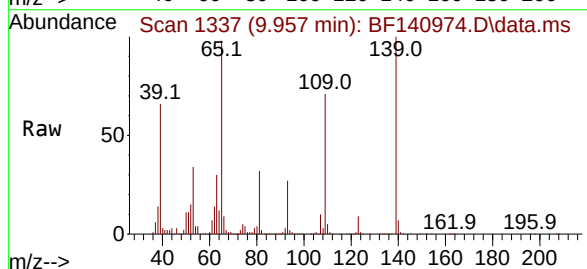
Tgt Ion:139 Resp: 254611

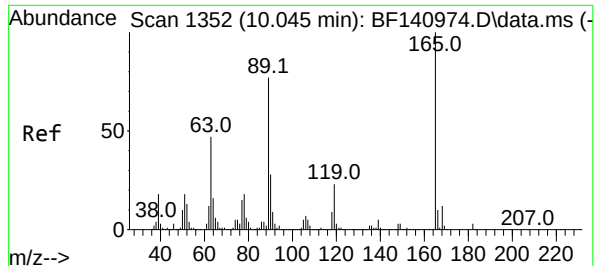
Ion Ratio Lower Upper

139 100

109 70.8 50.8 90.8

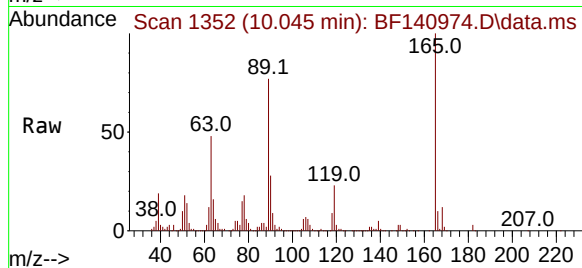
65 98.5 78.5 118.5





#57
2,4-Dinitrotoluene
Concen: 38.708 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

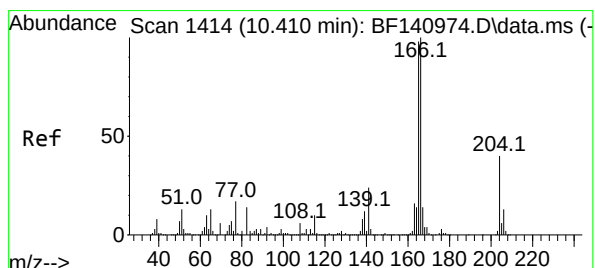
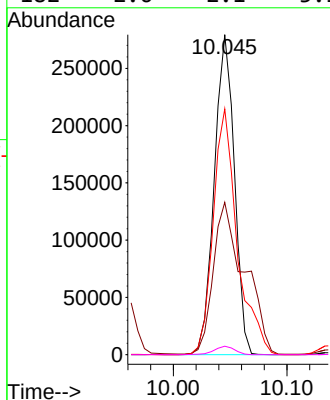
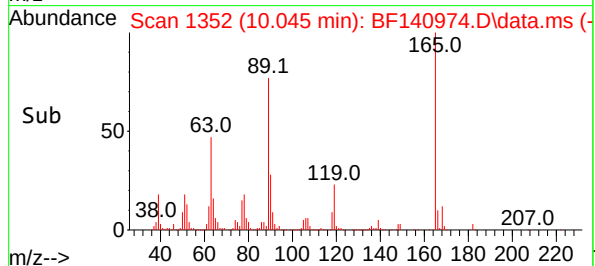
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:165 Resp: 344129
Ion Ratio Lower Upper
165 100
63 47.6 38.1 57.1
89 76.8 61.4 92.2
182 2.6 2.1 3.1

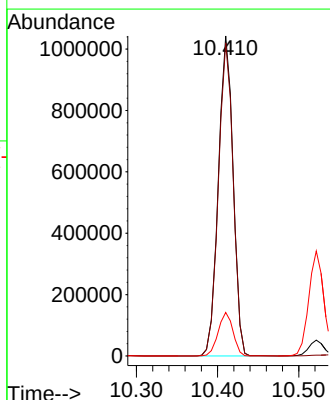
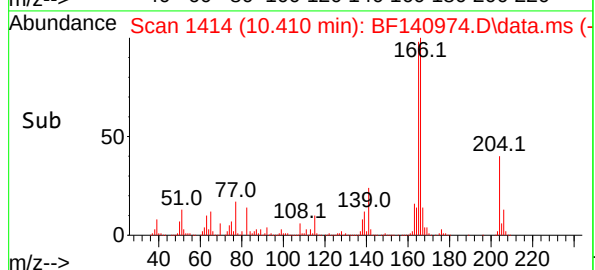
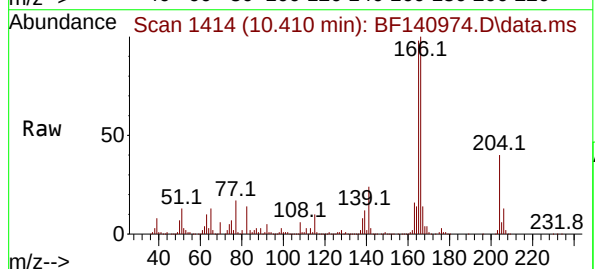
Manual Integrations
APPROVED

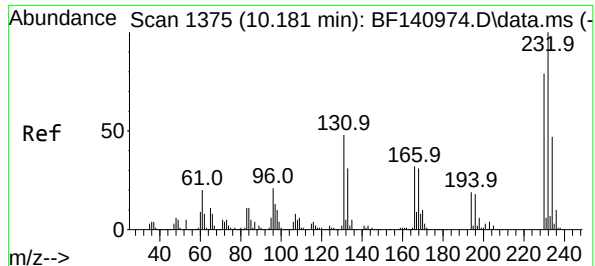
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#58
Fluorene
Concen: 37.844 ng
RT: 10.410 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

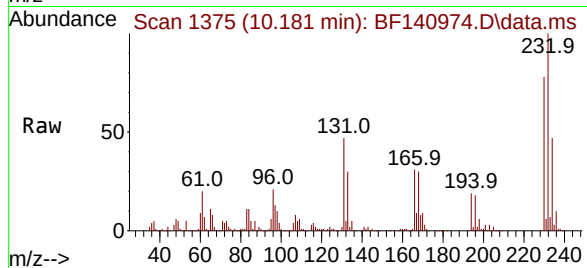
Tgt Ion:166 Resp: 1323793
Ion Ratio Lower Upper
166 100
165 97.9 78.3 117.5
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.453 ng
RT: 10.181 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

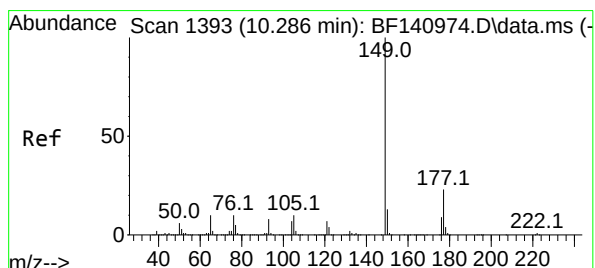
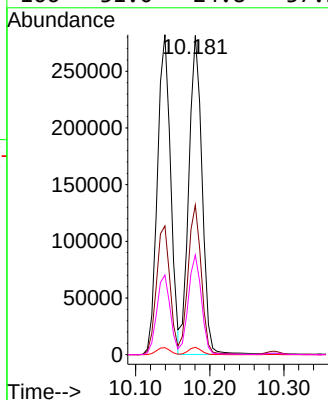
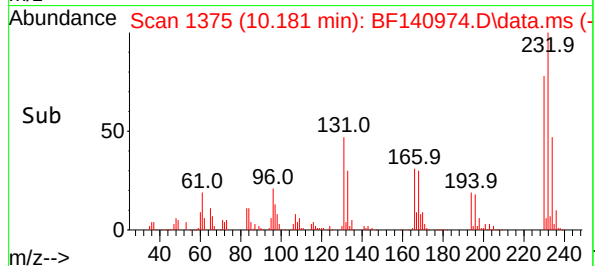
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:232 Resp: 34860
Ion Ratio Lower Upper
232 100
131 46.8 37.4 56.2
130 2.3 1.8 2.8
166 31.0 24.8 37.2

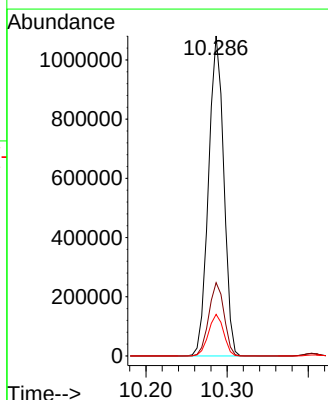
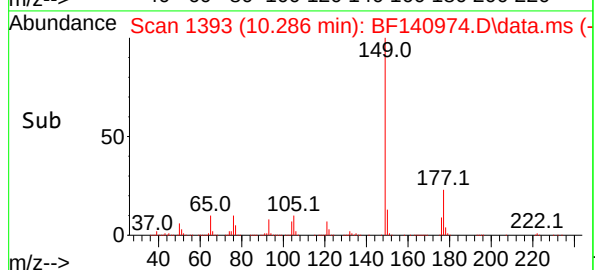
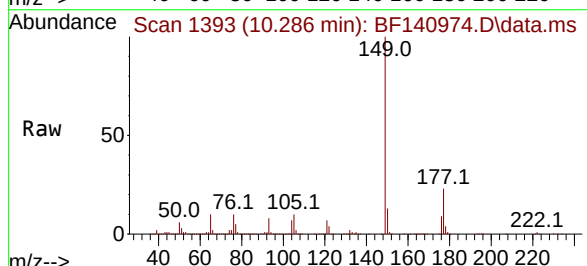
Manual Integrations
APPROVED

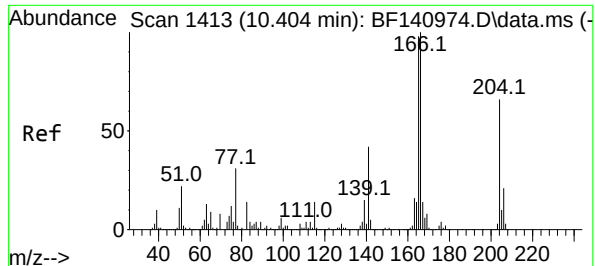
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#60
Diethylphthalate
Concen: 38.988 ng
RT: 10.286 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

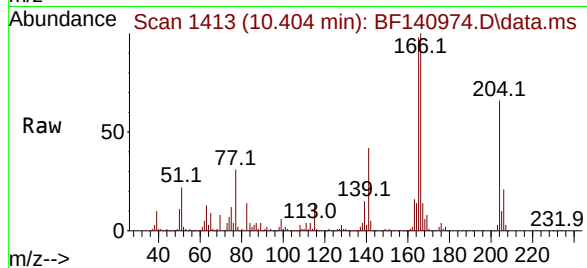
Tgt Ion:149 Resp: 1406132
Ion Ratio Lower Upper
149 100
177 22.9 18.3 27.5
150 13.0 10.4 15.6





#61
4-Chlorophenyl-phenylether
Concen: 38.186 ng
RT: 10.404 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

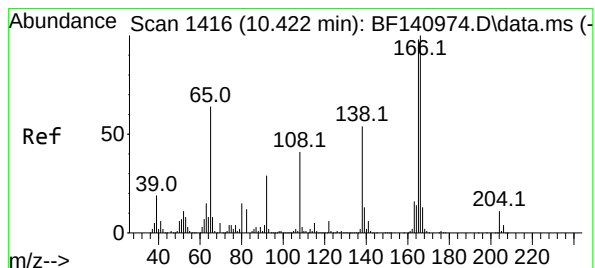
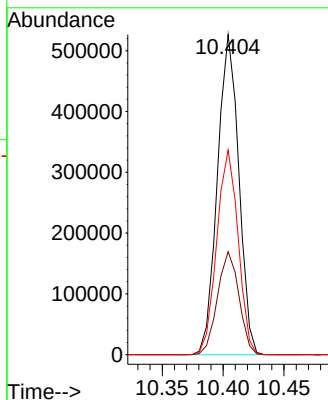
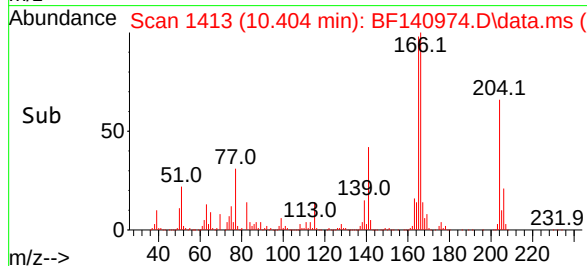
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



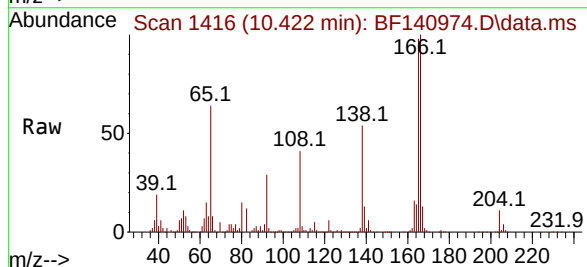
Tgt Ion:204 Resp: 642732
Ion Ratio Lower Upper
204 100
206 32.2 25.8 38.6
141 64.0 51.2 76.8

Manual Integrations
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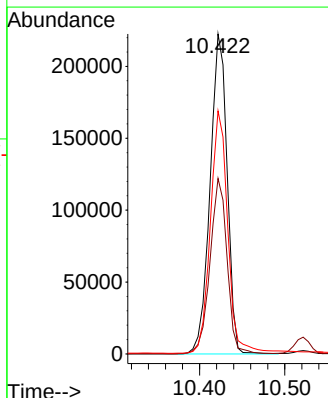
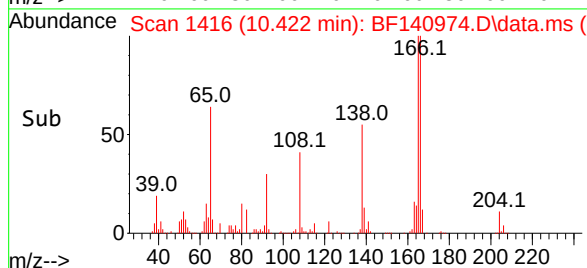
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

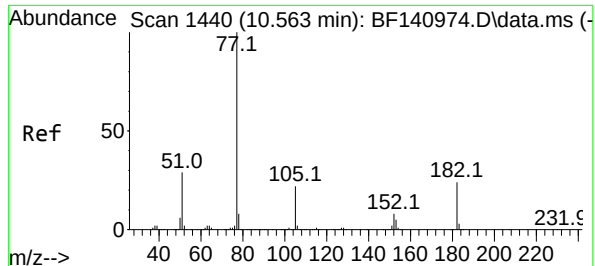


#62
4-Nitroaniline
Concen: 38.897 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06



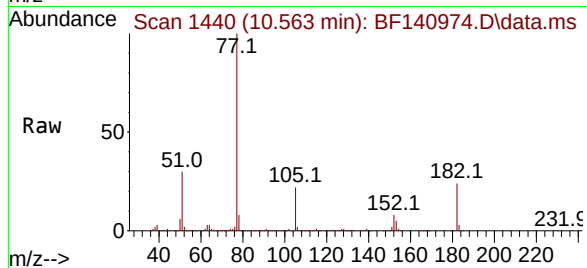
Tgt Ion:138 Resp: 309322
Ion Ratio Lower Upper
138 100
92 54.8 34.8 74.8
108 75.9 55.9 95.9





#63
Azobenzene
Concen: 38.712 ng
RT: 10.563 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

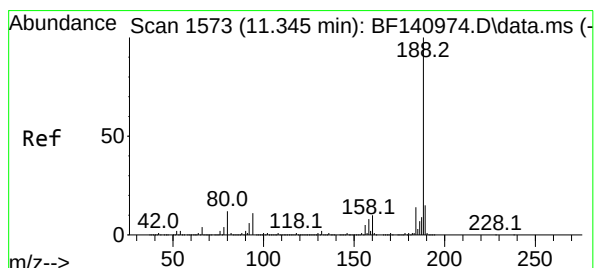
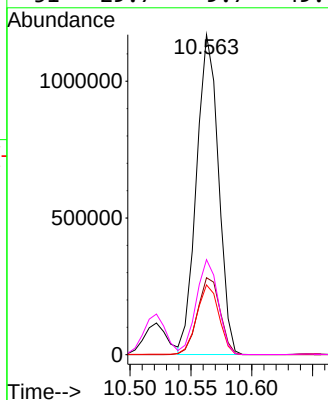
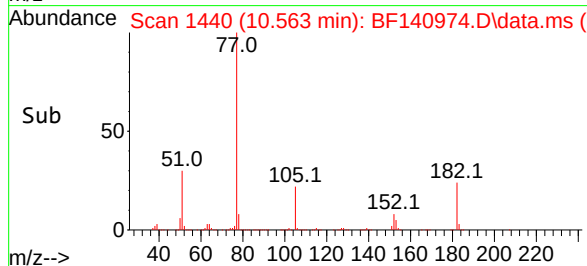
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion: 77 Resp: 146545
Ion Ratio Lower Upper
77 100
182 24.1 4.1 44.1
105 21.8 1.8 41.8
51 29.7 9.7 49.7

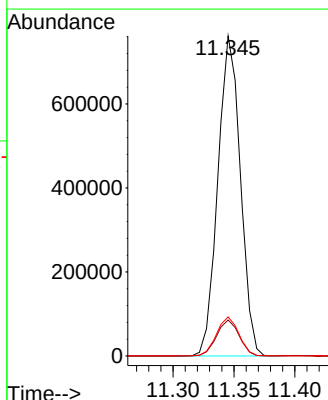
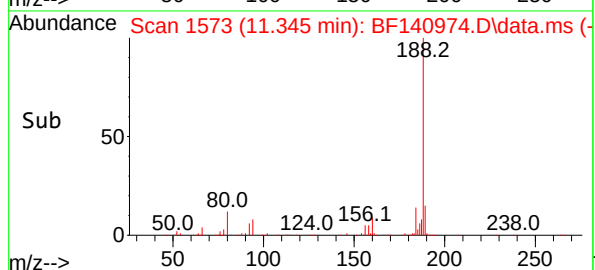
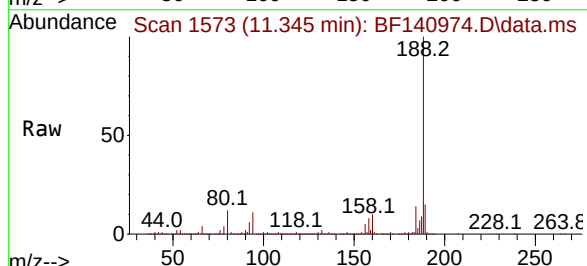
Manual Integrations
APPROVED

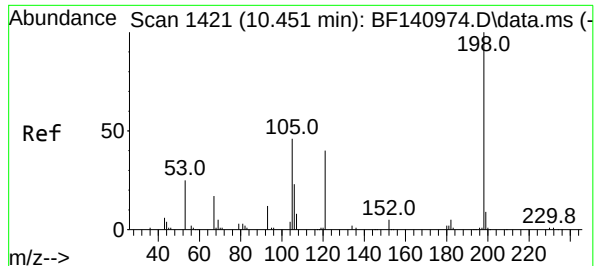
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

Tgt Ion:188 Resp: 980435
Ion Ratio Lower Upper
188 100
94 11.3 9.0 13.6
80 12.2 9.8 14.6





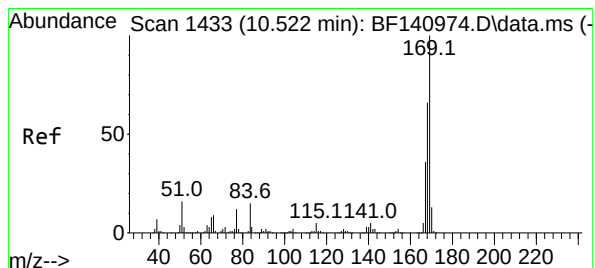
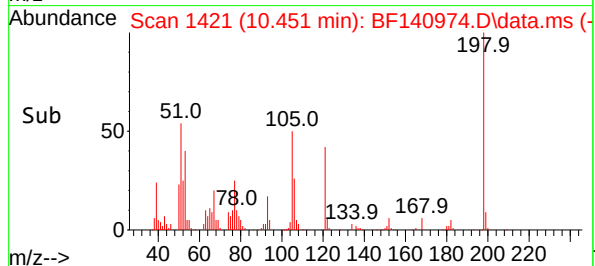
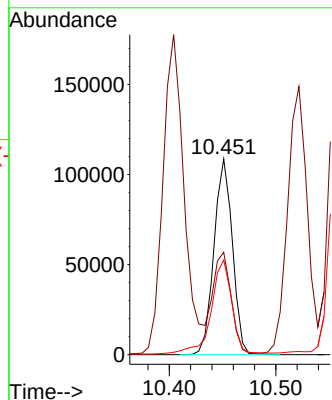
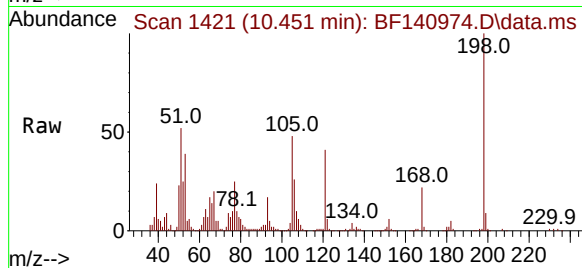
#65
4,6-Dinitro-2-methylphenol
Concen: 36.204 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 130378
Ion Ratio Lower Upper
198 100
51 52.3 32.3 72.3
105 48.4 28.4 68.4

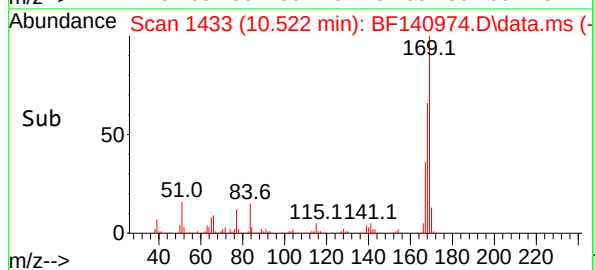
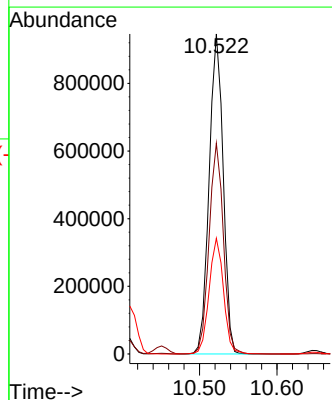
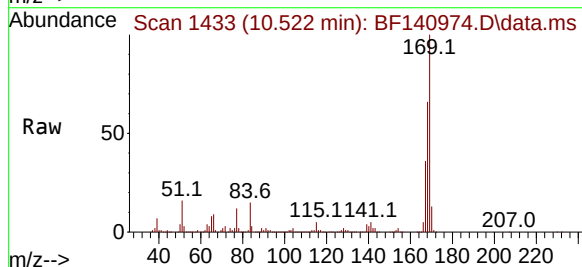
Manual Integrations
APPROVED

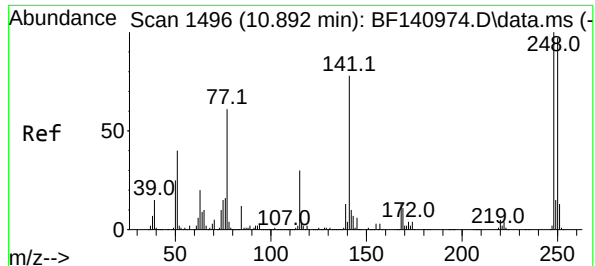
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#66
n-Nitrosodiphenylamine
Concen: 38.454 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

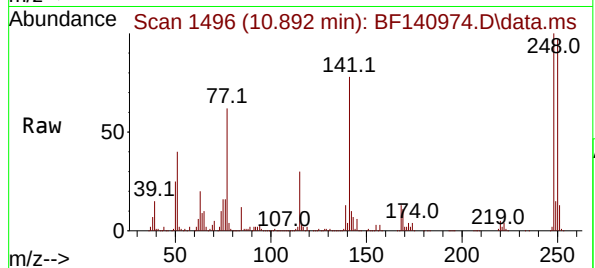
Tgt Ion:169 Resp: 1187207
Ion Ratio Lower Upper
169 100
168 65.8 52.6 79.0
167 36.2 29.0 43.4





#67
4-Bromophenyl-phenylether
Concen: 39.329 ng
RT: 10.892 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

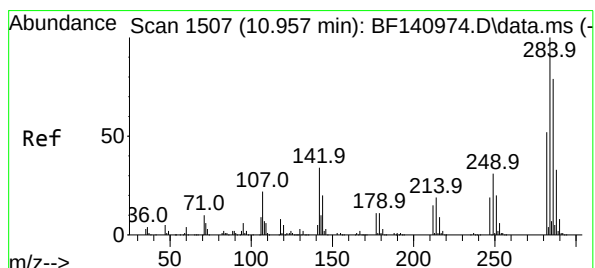
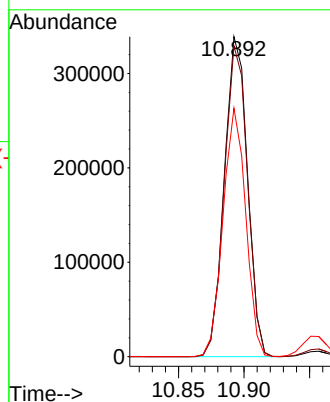
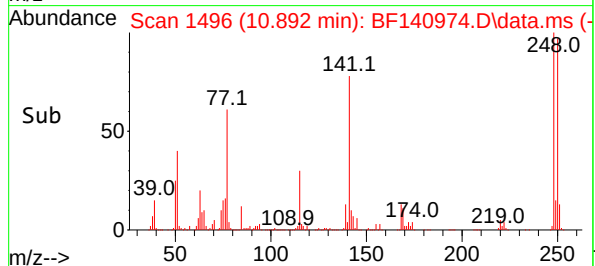
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:248 Resp: 416835
Ion Ratio Lower Upper
248 100
250 97.1 77.7 116.5
141 77.6 62.1 93.1

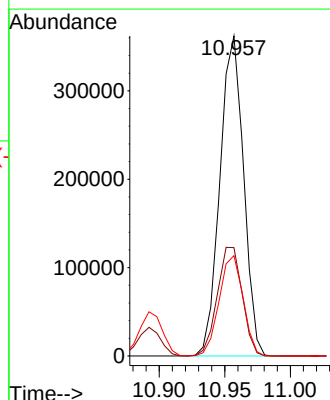
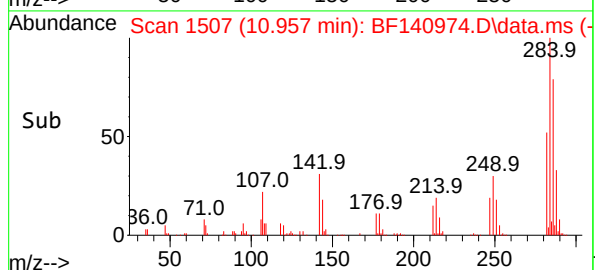
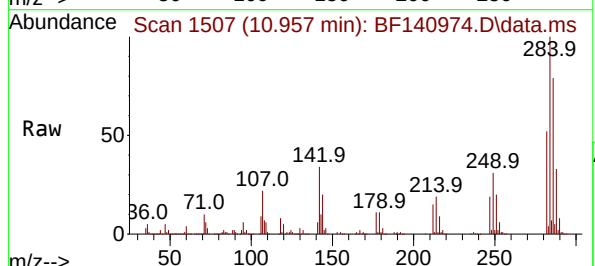
Manual Integrations
APPROVED

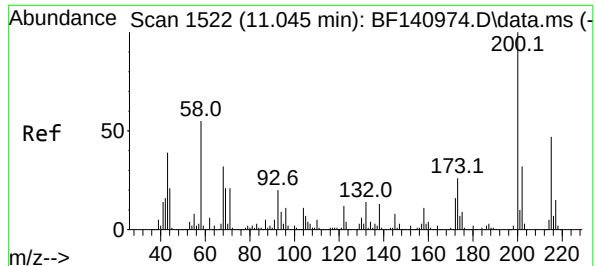
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#68
Hexachlorobenzene
Concen: 38.863 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

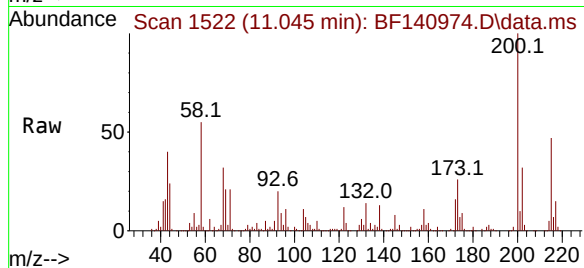
Tgt Ion:284 Resp: 454182
Ion Ratio Lower Upper
284 100
142 33.9 27.1 40.7
249 31.4 25.1 37.7





#69
Atrazine
Concen: 35.559 ng
RT: 11.045 min Scan# 1522
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

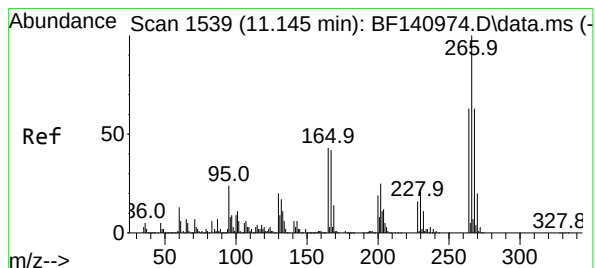
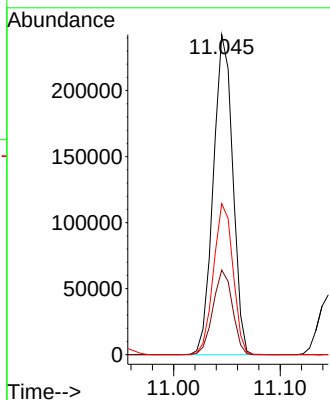
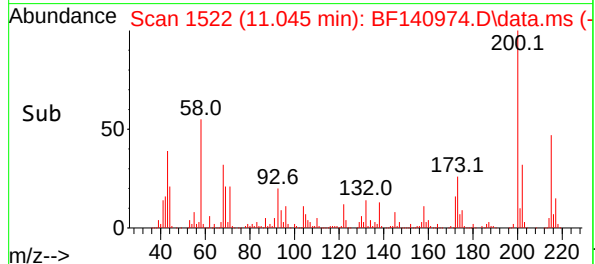
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



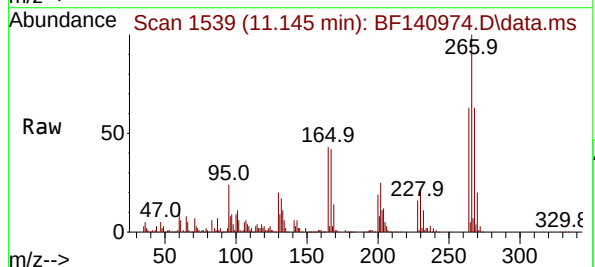
Tgt Ion:200 Resp: 306702
Ion Ratio Lower Upper
200 100
173 26.4 6.4 46.4
215 47.2 27.2 67.2

Manual Integrations
APPROVED

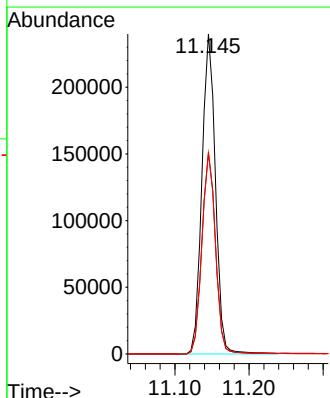
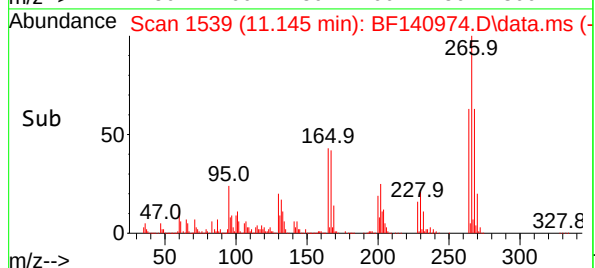
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

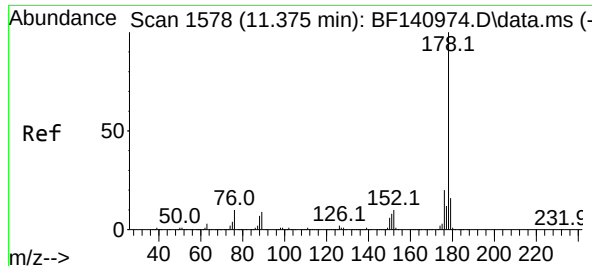


#70
Pentachlorophenol
Concen: 41.789 ng
RT: 11.145 min Scan# 1539
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06



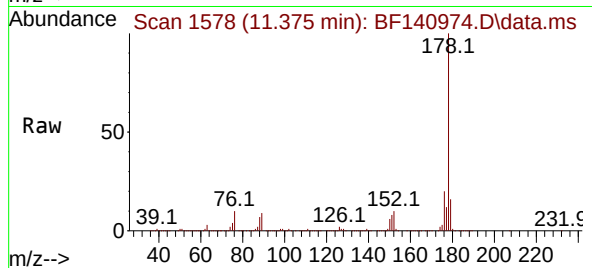
Tgt Ion:266 Resp: 304066
Ion Ratio Lower Upper
266 100
268 63.1 50.5 75.7
264 62.8 50.2 75.4





#71
Phenanthrene
Concen: 38.179 ng
RT: 11.375 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

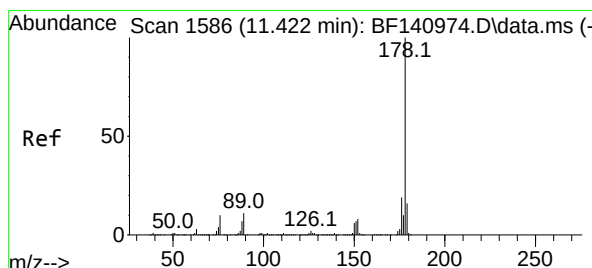
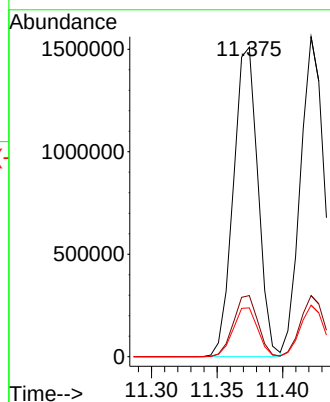
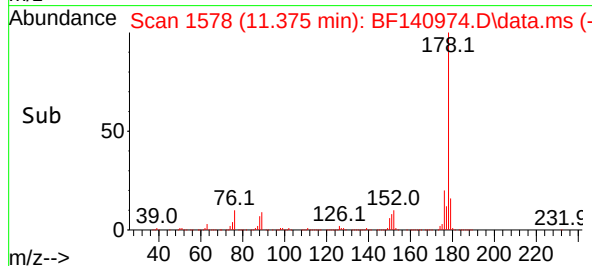
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:178 Resp: 1970080
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.8 12.6 19.0

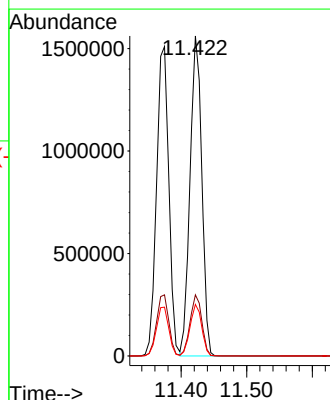
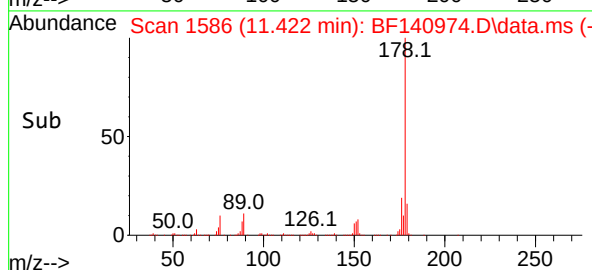
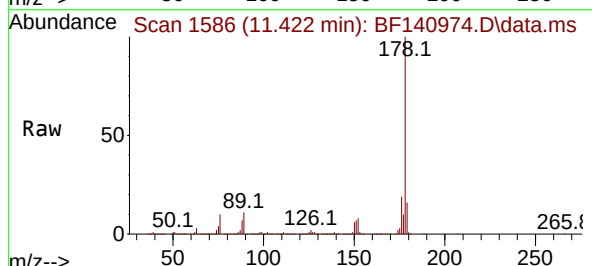
Manual Integrations
APPROVED

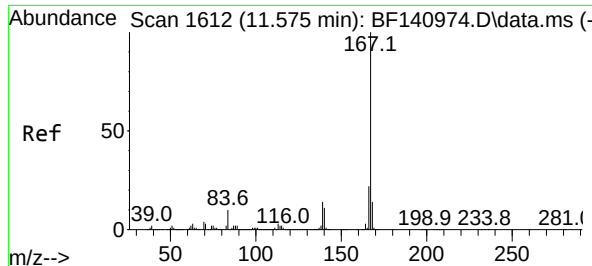
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#72
Anthracene
Concen: 38.437 ng
RT: 11.422 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

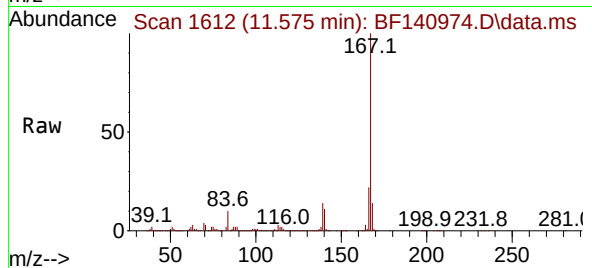
Tgt Ion:178 Resp: 1943496
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 16.1 12.9 19.3





#73
 Carbazole
 Concen: 38.188 ng
 RT: 11.575 min Scan# 1612
 Delta R.T. 0.000 min
 Lab File: BF140974.D
 Acq: 26 Dec 2024 18:06

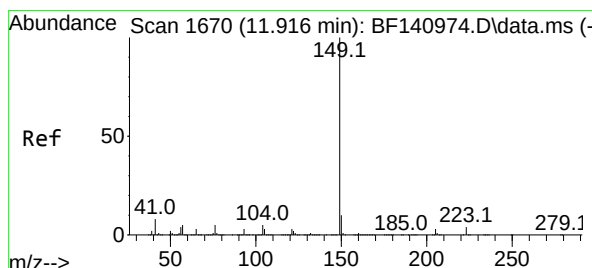
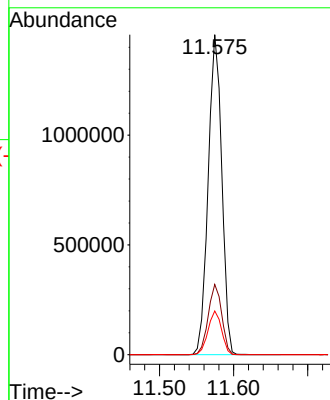
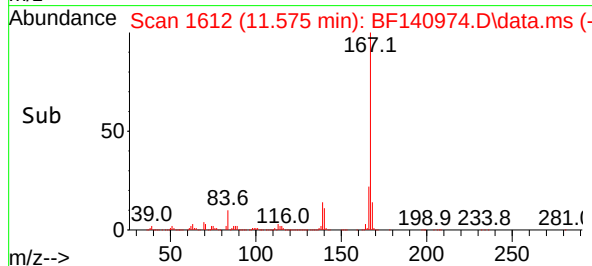
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040



Tgt Ion:167 Resp: 185620
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.5 26.3
 139 13.7 11.0 16.4

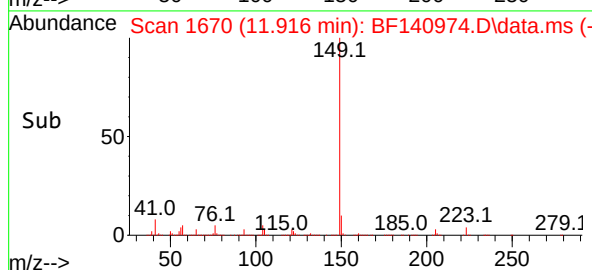
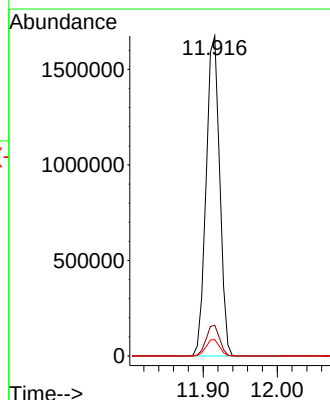
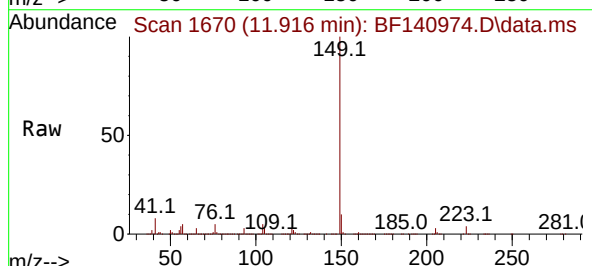
Manual Integrations
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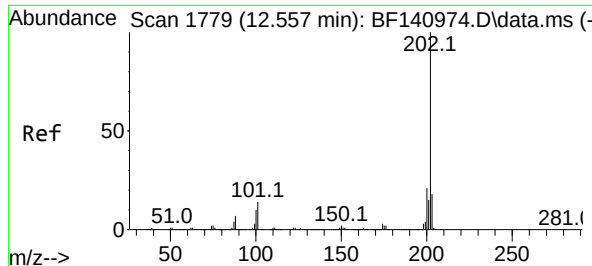
Reviewed By :Yogesh Patel 12/27/2024
 Supervised By :mohammad ahmed 12/27/2024



#74
 Di-n-butylphthalate
 Concen: 38.425 ng
 RT: 11.916 min Scan# 1670
 Delta R.T. 0.000 min
 Lab File: BF140974.D
 Acq: 26 Dec 2024 18:06

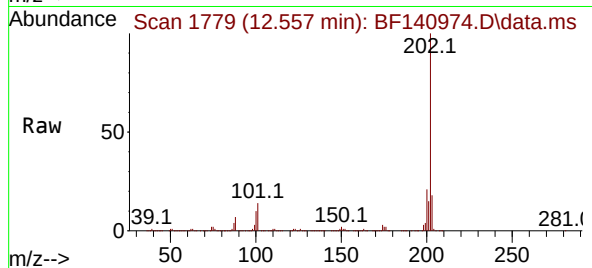
Tgt Ion:149 Resp: 2124340
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 38.240 ng
RT: 12.557 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

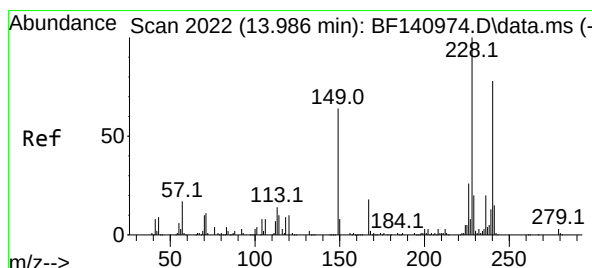
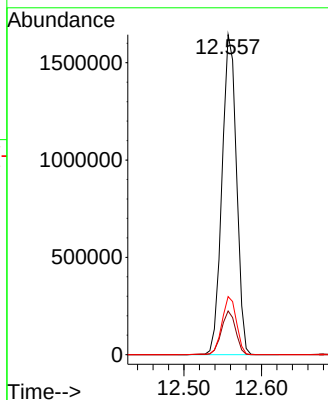
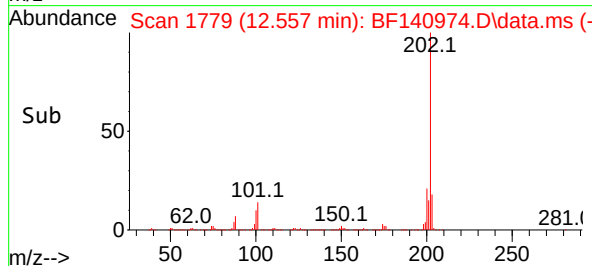
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:202 Resp: 214011
Ion Ratio Lower Upper
202 100
101 13.7 0.0 33.7
203 18.1 0.0 38.1

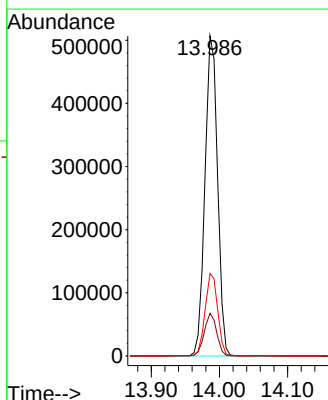
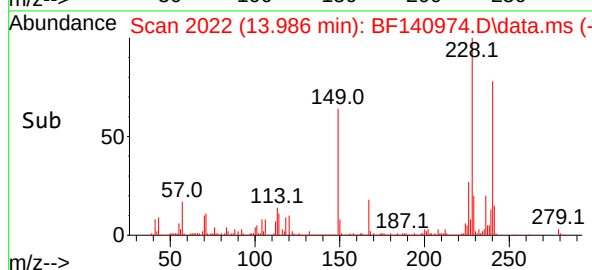
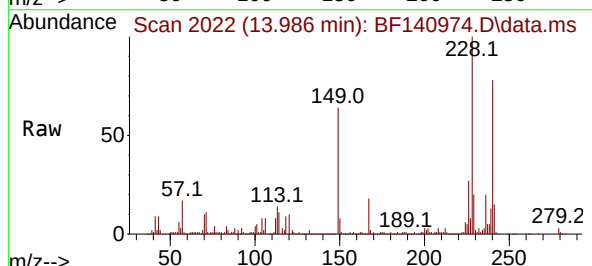
Manual Integrations
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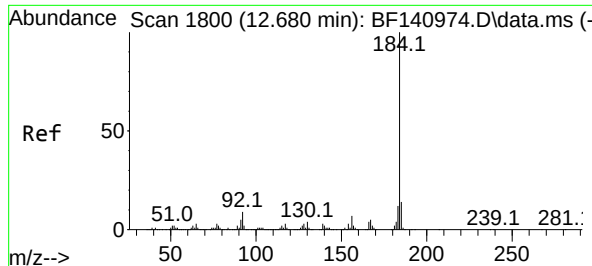
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

Tgt Ion:240 Resp: 652144
Ion Ratio Lower Upper
240 100
120 13.4 10.7 16.1
236 25.8 20.6 31.0





#77

Benzidine

Concen: 39.248 ng

RT: 12.680 min Scan# 1800

Delta R.T. 0.000 min

Lab File: BF140974.D

Acq: 26 Dec 2024 18:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:184 Resp: 54093

Ion Ratio Lower Upper

184 100

185 14.3 11.4 17.2

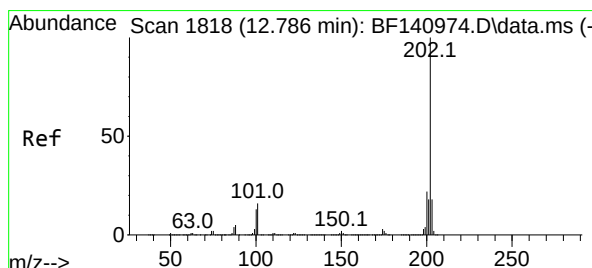
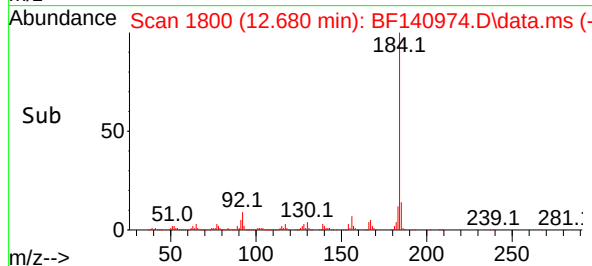
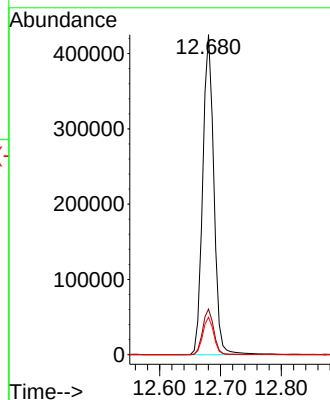
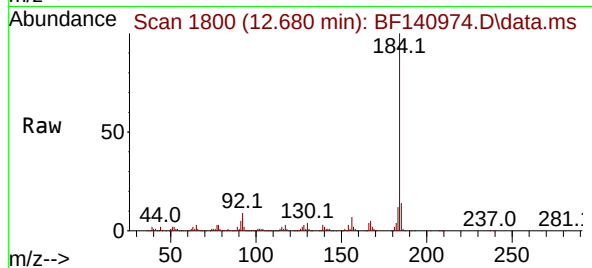
183 11.7 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#78

Pyrene

Concen: 38.693 ng

RT: 12.786 min Scan# 1818

Delta R.T. 0.000 min

Lab File: BF140974.D

Acq: 26 Dec 2024 18:06

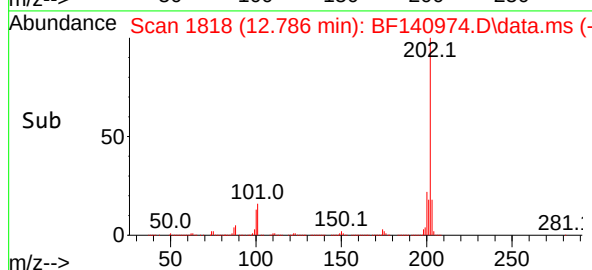
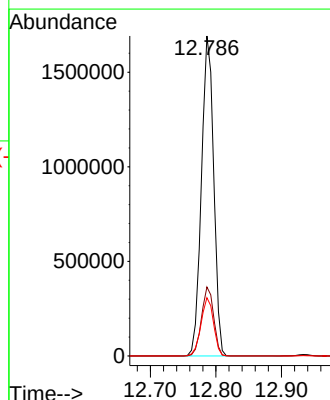
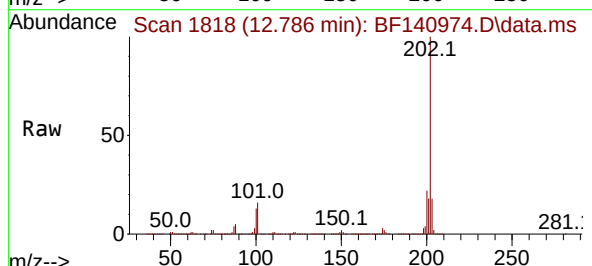
Tgt Ion:202 Resp: 2206885

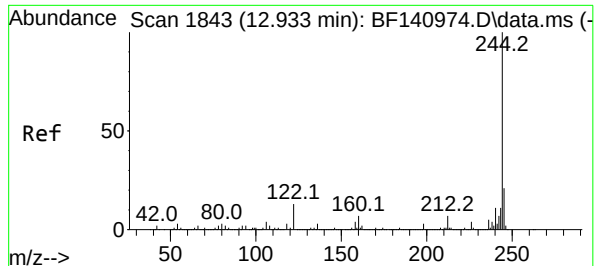
Ion Ratio Lower Upper

202 100

200 21.6 17.3 25.9

203 18.2 14.6 21.8





#79

Terphenyl-d14

Concen: 75.816 ng

RT: 12.933 min Scan# 1843

Delta R.T. 0.000 min

Lab File: BF140974.D

Acq: 26 Dec 2024 18:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:244 Resp: 2976692

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

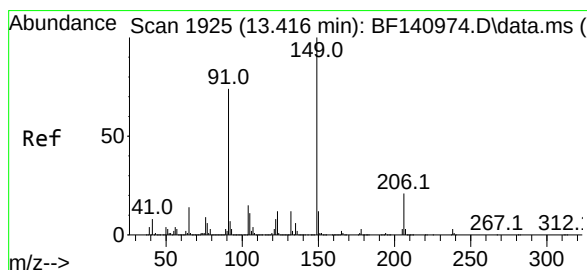
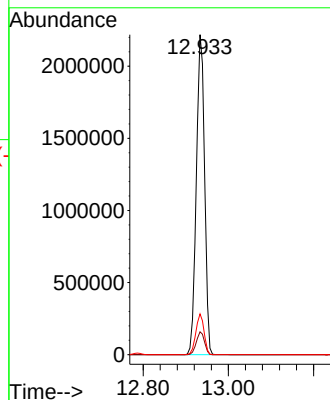
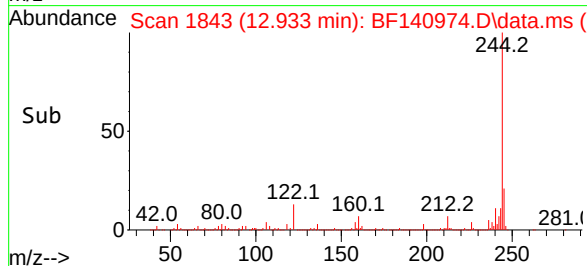
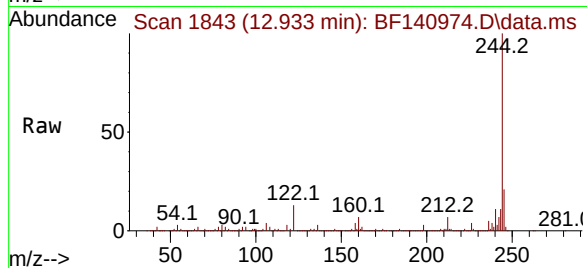
122 12.7 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#80

Butylbenzylphthalate

Concen: 41.109 ng

RT: 13.416 min Scan# 1925

Delta R.T. 0.000 min

Lab File: BF140974.D

Acq: 26 Dec 2024 18:06

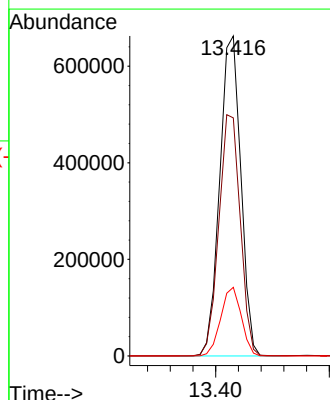
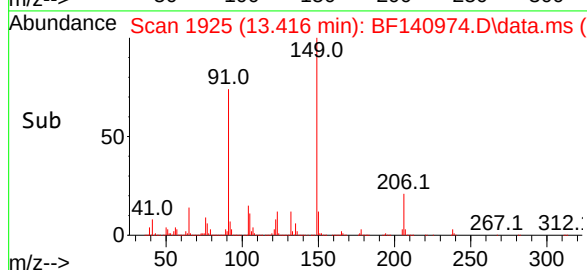
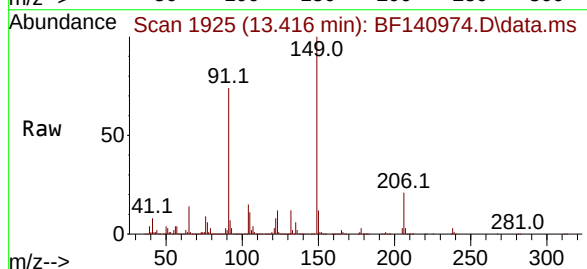
Tgt Ion:149 Resp: 856154

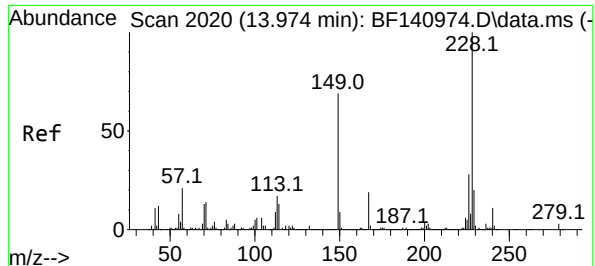
Ion Ratio Lower Upper

149 100

91 74.4 59.5 89.3

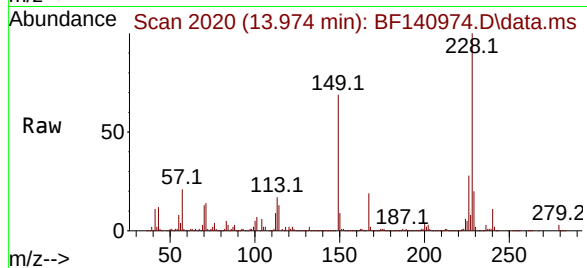
206 21.4 17.1 25.7





#81
Benzo(a)anthracene
Concen: 39.297 ng
RT: 13.974 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

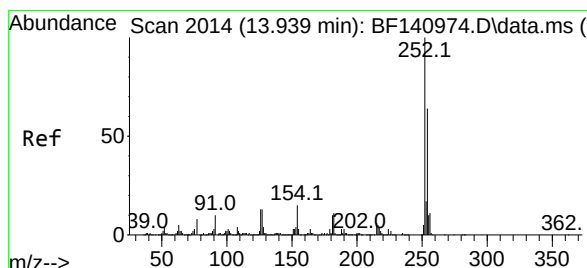
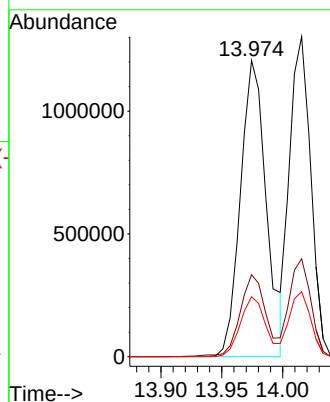
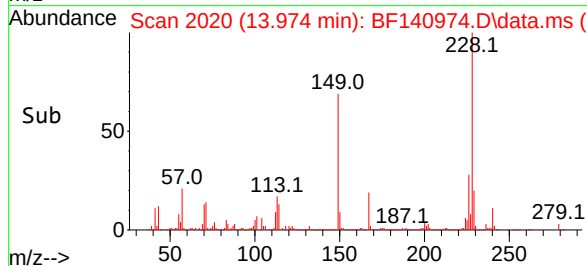
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:228 Resp: 1786080
Ion Ratio Lower Upper
228 100
226 27.6 22.1 33.1
229 20.2 16.2 24.2

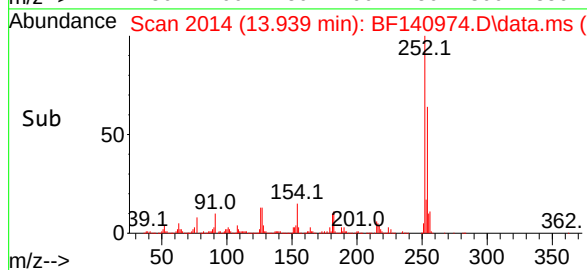
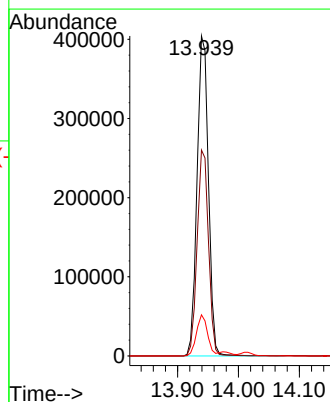
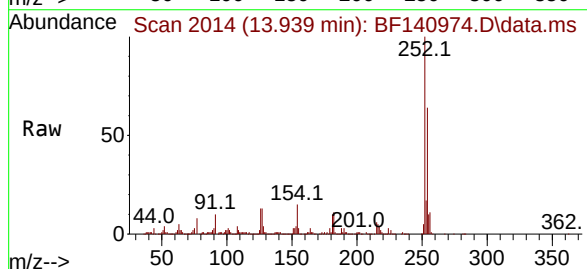
Manual Integrations
APPROVED

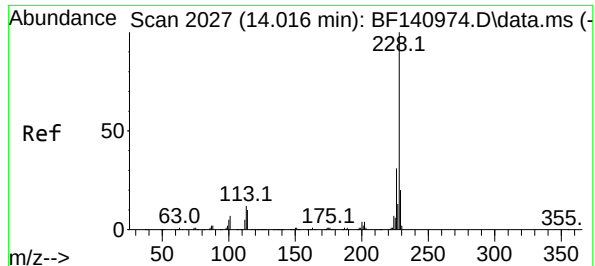
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#82
3,3'-Dichlorobenzidine
Concen: 38.446 ng
RT: 13.939 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

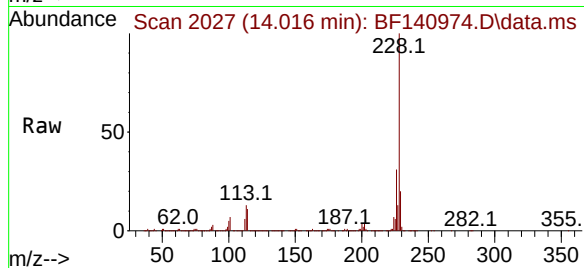
Tgt Ion:252 Resp: 524994
Ion Ratio Lower Upper
252 100
254 64.4 51.5 77.3
126 12.9 10.3 15.5





#83
Chrysene
Concen: 38.441 ng
RT: 14.016 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

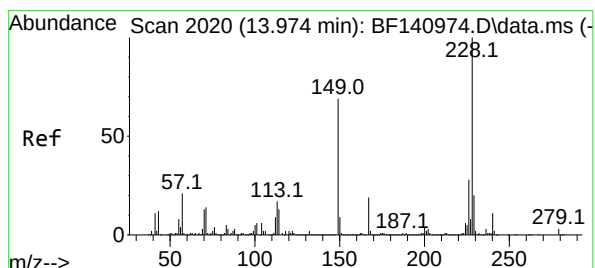
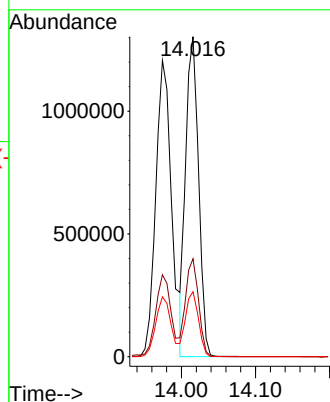
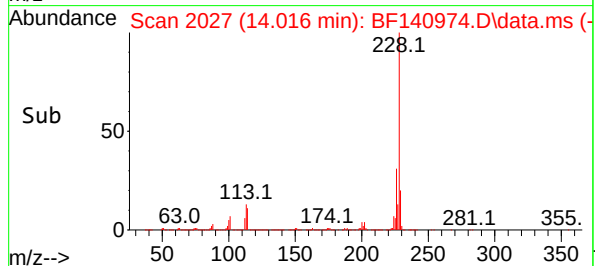
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:228 Resp: 1574990
Ion Ratio Lower Upper
228 100
226 30.6 24.5 36.7
229 20.3 16.2 24.4

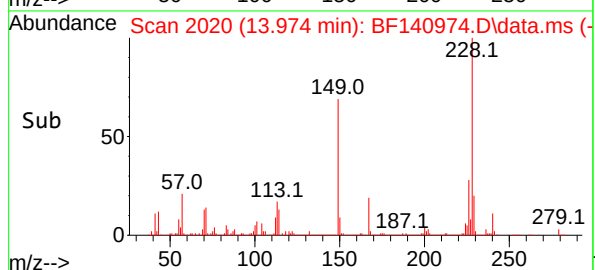
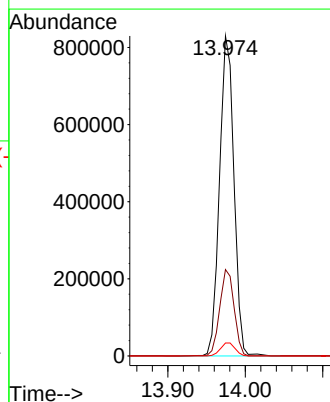
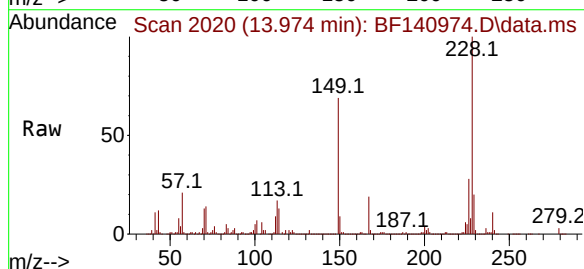
Manual Integrations
APPROVED

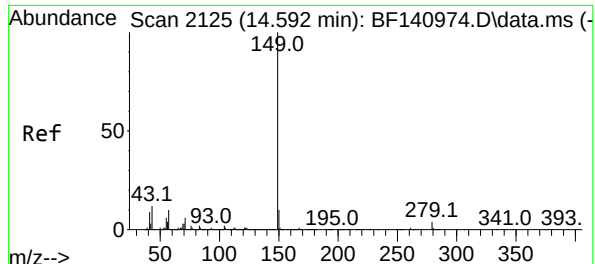
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.607 ng
RT: 13.974 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

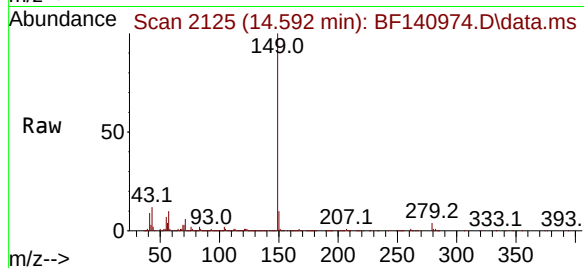
Tgt Ion:149 Resp: 1069992
Ion Ratio Lower Upper
149 100
167 27.0 21.6 32.4
279 4.0 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 39.982 ng
RT: 14.592 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

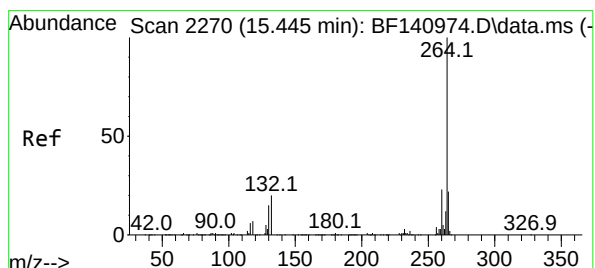
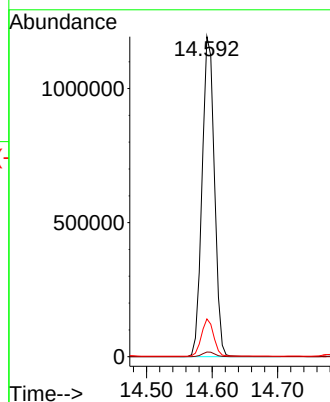
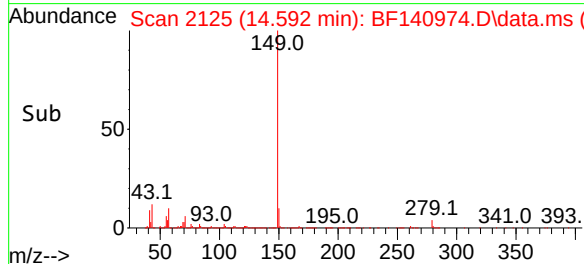
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:149 Resp: 156331
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.6 9.3 13.9

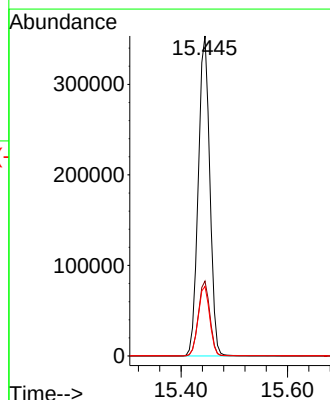
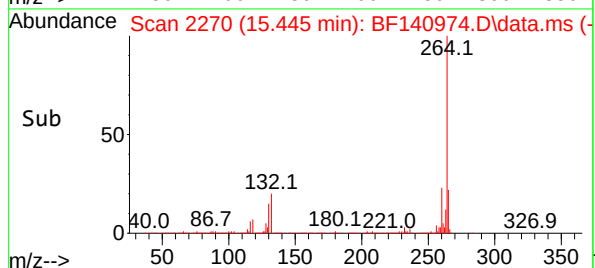
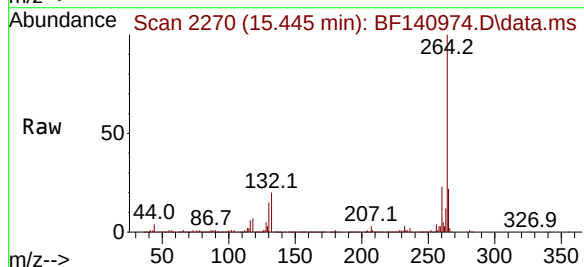
Manual Integrations
APPROVED

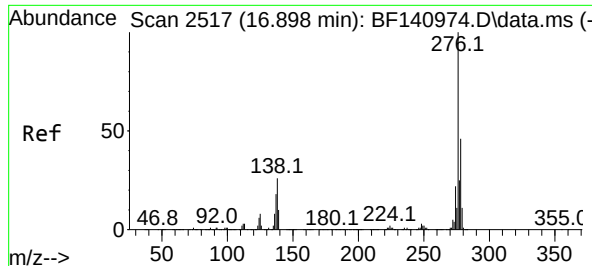
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

Tgt Ion:264 Resp: 531798
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 21.8 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.609 ng

RT: 16.898 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF140974.D

Acq: 26 Dec 2024 18:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:276 Resp: 139410

Ion Ratio Lower Upper

276 100

138 28.9 23.1 34.7

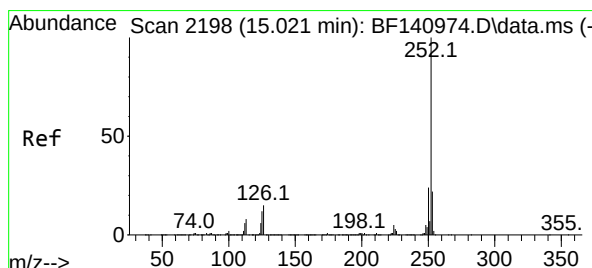
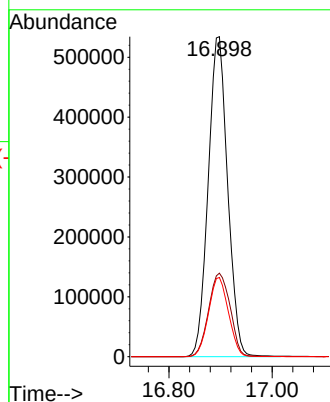
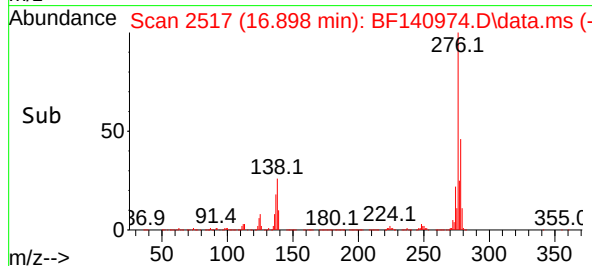
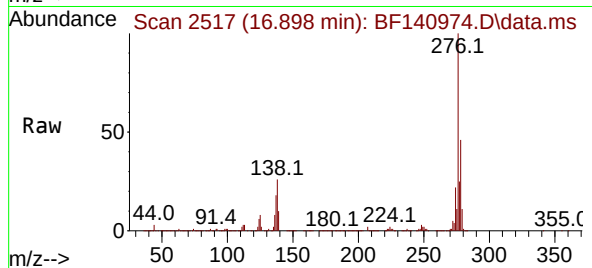
277 25.5 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#88

Benzo(b)fluoranthene

Concen: 40.626 ng

RT: 15.021 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF140974.D

Acq: 26 Dec 2024 18:06

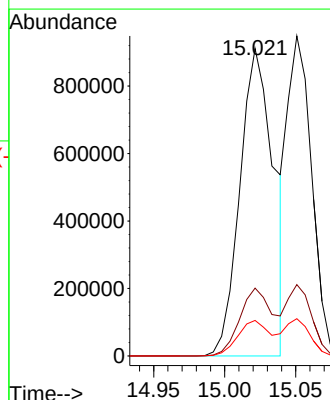
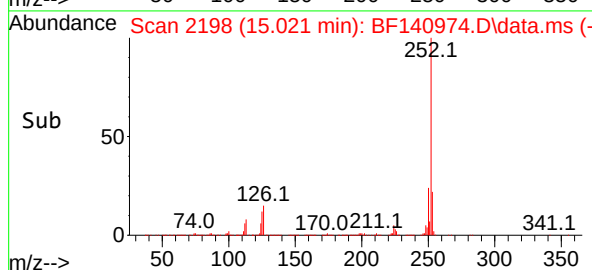
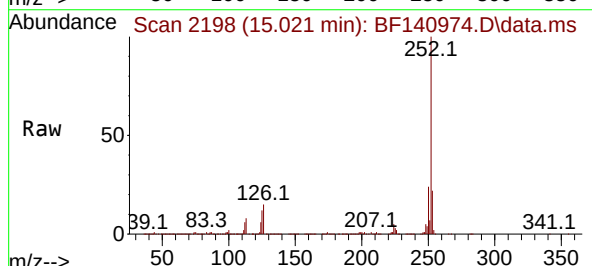
Tgt Ion:252 Resp: 1506798

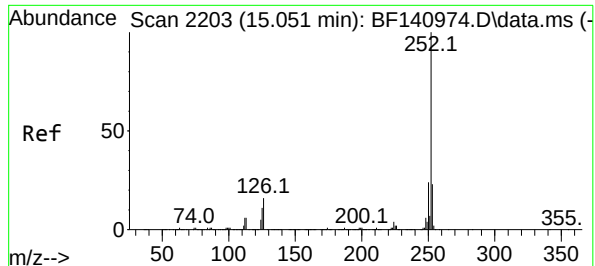
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 11.6 9.3 13.9





#89

Benzo(k)fluoranthene

Concen: 38.976 ng

RT: 15.051 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140974.D

Acq: 26 Dec 2024 18:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:252 Resp: 113302

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

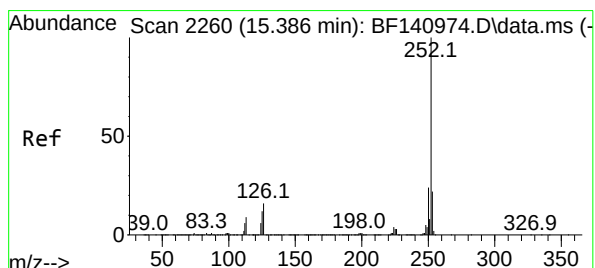
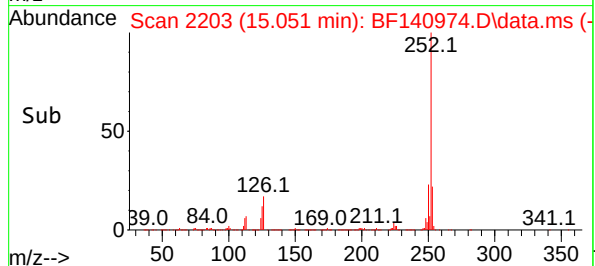
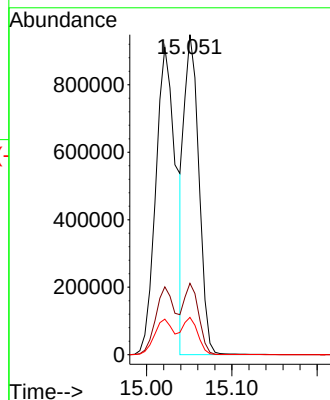
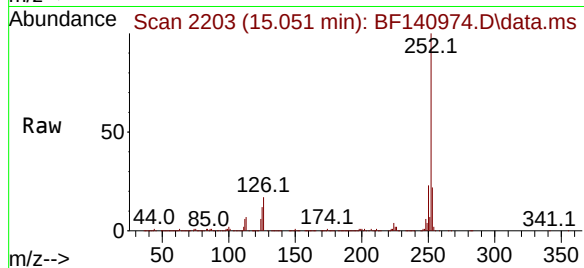
125 11.7 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#90

Benzo(a)pyrene

Concen: 39.479 ng

RT: 15.386 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF140974.D

Acq: 26 Dec 2024 18:06

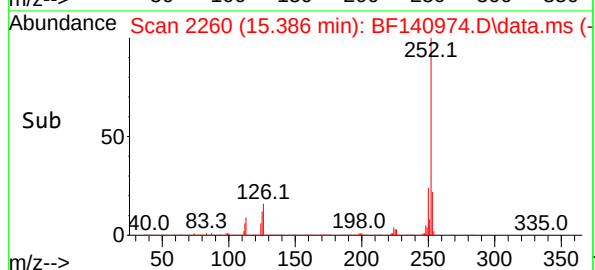
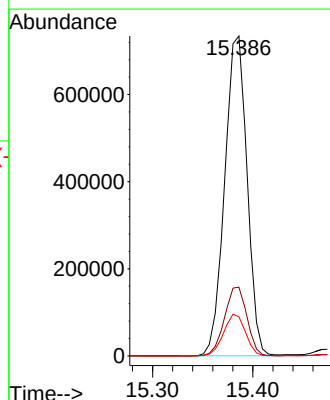
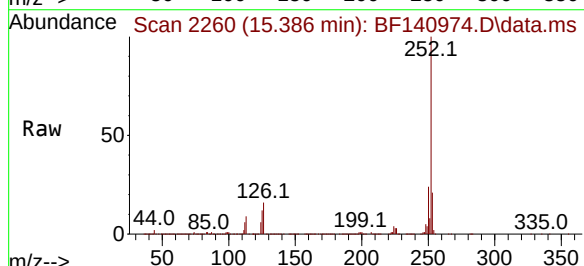
Tgt Ion:252 Resp: 1136531

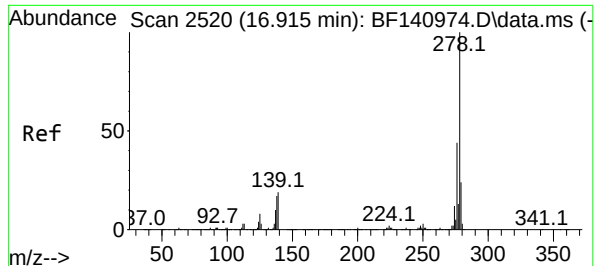
Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

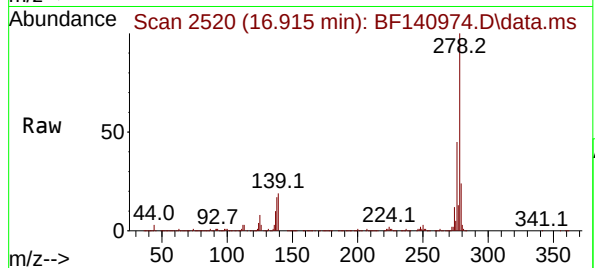
125 12.3 9.8 14.8





#91
Dibenzo(a,h)anthracene
Concen: 41.900 ng
RT: 16.915 min Scan# 2520
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

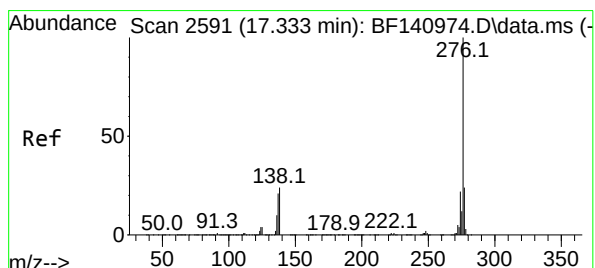
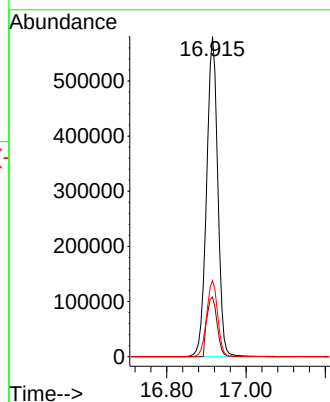
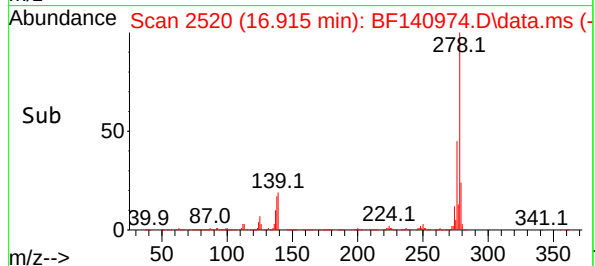
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:278 Resp: 1137962
Ion Ratio Lower Upper
278 100
139 18.6 14.9 22.3
279 23.8 19.0 28.6

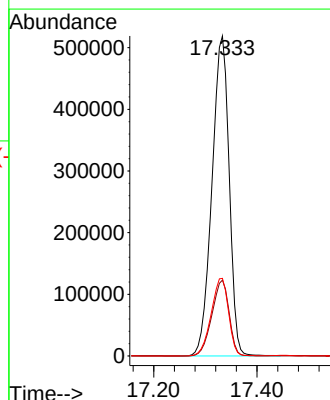
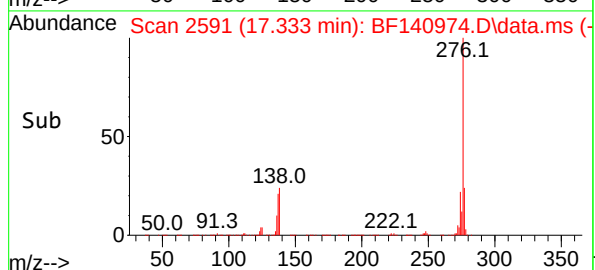
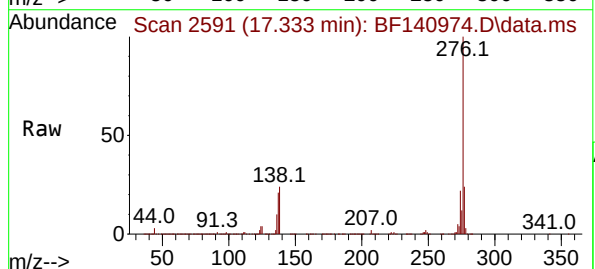
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#92
Benzo(g,h,i)perylene
Concen: 42.524 ng
RT: 17.333 min Scan# 2591
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

Tgt Ion:276 Resp: 1197853
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.4
138 24.3 19.4 29.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122624\
 Data File : BF140975.D
 Acq On : 26 Dec 2024 18:33
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/27/2024
 Supervised By :mohammad ahmed 12/27/2024

Quant Time: Dec 27 00:23:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:11:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	275845	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1074985	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	568540	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	984477	20.000	ng	0.00
76) Chrysene-d12	13.986	240	594739	20.000	ng	0.00
86) Perylene-d12	15.445	264	515270	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1735294	94.827	ng	0.00
7) Phenol-d6	6.451	99	2240716	95.051	ng	0.00
23) Nitrobenzene-d5	7.398	82	1814319	107.979	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	561625	101.660	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	3208983	89.926	ng	0.00
79) Terphenyl-d14	12.939	244	3551774	99.194	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	404513	48.826	ng	100
3) Pyridine	3.304	79	961017	47.465	ng	100
4) n-Nitrosodimethylamine	3.257	42	511762	49.886	ng	98
6) Aniline	6.528	93	1020551m	48.540	ng	
8) 2-Chlorophenol	6.616	128	922056	47.791	ng	98
9) Benzaldehyde	6.381	77	546478	49.354	ng	98
10) Phenol	6.469	94	1160486	47.608	ng	98
11) bis(2-Chloroethyl)ether	6.569	93	976603	49.665	ng	97
12) 1,3-Dichlorobenzene	6.769	146	1008461	47.362	ng	99
13) 1,4-Dichlorobenzene	6.845	146	1018871	47.467	ng	99
14) 1,2-Dichlorobenzene	7.004	146	942310	47.085	ng	99
15) Benzyl Alcohol	6.969	79	826544	48.792	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	1412151	47.443	ng	100
17) 2-Methylphenol	7.075	107	775619	48.390	ng	99
18) Hexachloroethane	7.345	117	371106	48.670	ng	99
19) n-Nitroso-di-n-propyla...	7.251	70	681599	47.195	ng	98
20) 3+4-Methylphenols	7.233	107	956631	47.163	ng	91
22) Acetophenone	7.239	105	1233868	46.789	ng	# 95
24) Nitrobenzene	7.416	77	997447	53.126	ng	98
25) Isophorone	7.651	82	1758021	48.082	ng	99
26) 2-Nitrophenol	7.728	139	381135	49.366	ng	99
27) 2,4-Dimethylphenol	7.763	122	648052	48.497	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	1107863	47.823	ng	100
29) 2,4-Dichlorophenol	7.963	162	755436	49.847	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	815821	47.560	ng	99
31) Naphthalene	8.133	128	2656943	46.905	ng	100
32) Benzoic acid	7.880	122	533388	48.423	ng	98
33) 4-Chloroaniline	8.186	127	988410	48.233	ng	100
34) Hexachlorobutadiene	8.251	225	485520	48.012	ng	99
35) Caprolactam	8.551	113	251835m	48.876	ng	
36) 4-Chloro-3-methylphenol	8.651	107	817788	48.589	ng	99
37) 2-Methylnaphthalene	8.822	142	1691438	46.676	ng	100
38) 1-Methylnaphthalene	8.922	142	1659875	46.607	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	748540	47.857	ng	100
41) Hexachlorocyclopentadiene	8.975	237	268748	51.849	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	505859	48.593	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122624\
 Data File : BF140975.D
 Acq On : 26 Dec 2024 18:33
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024

Quant Time: Dec 27 00:23:19 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Dec 27 00:11:18 2024

Response via : Initial Calibration

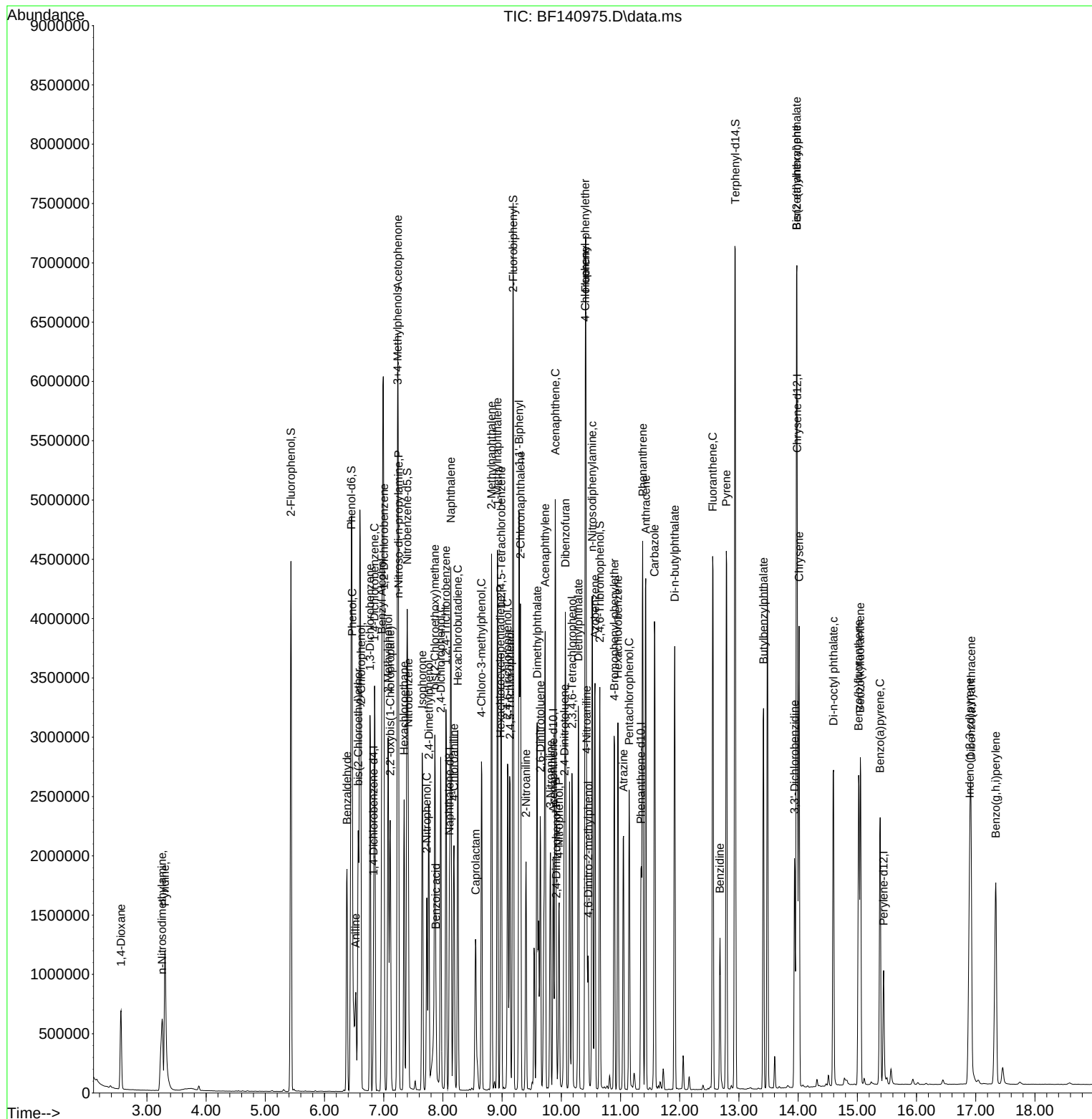
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	548701	51.514	ng	98
46) 1,1'-Biphenyl	9.286	154	2019837	46.398	ng	99
47) 2-Chloronaphthalene	9.310	162	1584423	46.928	ng	99
48) 2-Nitroaniline	9.404	65	434235	49.051	ng	95
49) Acenaphthylene	9.727	152	2300924	47.341	ng	99
50) Dimethylphthalate	9.592	163	1771217	47.363	ng	100
51) 2,6-Dinitrotoluene	9.645	165	382604	50.003	ng	96
52) Acenaphthene	9.898	154	1557911	47.414	ng	100
53) 3-Nitroaniline	9.816	138	410444	49.386	ng	96
54) 2,4-Dinitrophenol	9.916	184	121967	49.996	ng	# 6
55) Dibenzofuran	10.069	168	2165075	46.887	ng	99
56) 4-Nitrophenol	9.963	139	337300	52.728	ng	97
57) 2,4-Dinitrotoluene	10.051	165	463773	49.535	ng	100
58) Fluorene	10.410	166	1628964	45.492	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	436271	49.455	ng	100
60) Diethylphthalate	10.286	149	1748454	47.359	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	796072	46.203	ng	99
62) 4-Nitroaniline	10.427	138	412091	49.614	ng	99
63) Azobenzene	10.569	77	1840946	47.507	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	193168	48.976	ng	97
66) n-Nitrosodiphenylamine	10.522	169	1463039	47.193	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	521276	48.981	ng	97
68) Hexachlorobenzene	10.957	284	567592	48.368	ng	98
69) Atrazine	11.051	200	362786	41.889	ng	98
70) Pentachlorophenol	11.145	266	383398	52.476	ng	99
71) Phenanthrene	11.374	178	2417558	46.658	ng	99
72) Anthracene	11.427	178	2370103	46.682	ng	100
73) Carbazole	11.574	167	2272076	46.552	ng	100
74) Di-n-butylphthalate	11.916	149	2595020	46.746	ng	100
75) Fluoranthene	12.557	202	2583438	45.972	ng	99
77) Benzidine	12.680	184	651097	51.801	ng	100
78) Pyrene	12.786	202	2651339	50.973	ng	100
80) Butylbenzylphthalate	13.415	149	1016502	53.519	ng	99
81) Benzo(a)anthracene	13.974	228	1991732	48.052	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	568561	45.655	ng	100
83) Chrysene	14.015	228	1774901	47.501	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	1230112	49.929	ng	100
85) Di-n-octyl phthalate	14.598	149	1740215	48.803	ng	99
87) Indeno(1,2,3-cd)pyrene	16.898	276	1799974	55.447	ng	100
88) Benzo(b)fluoranthene	15.021	252	1682869	46.828	ng	100
89) Benzo(k)fluoranthene	15.051	252	1382080	49.069	ng	100
90) Benzo(a)pyrene	15.386	252	1349208	48.370	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	1451477	55.158	ng	99
92) Benzo(g,h,i)perylene	17.339	276	1537634	56.337	ng	99

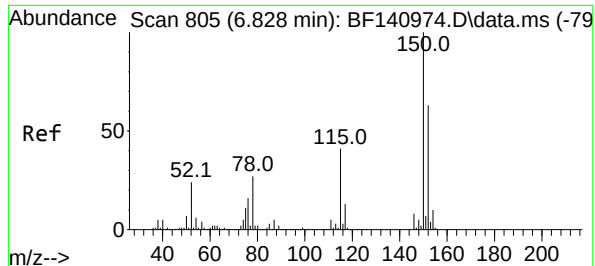
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

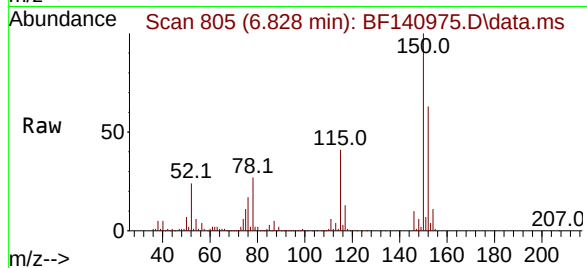
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

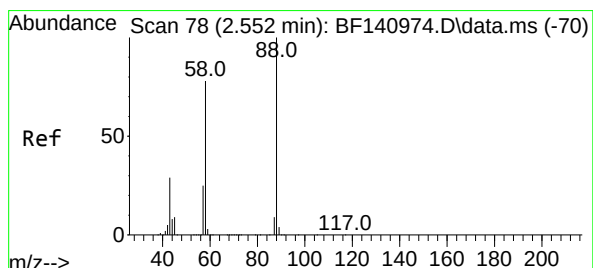
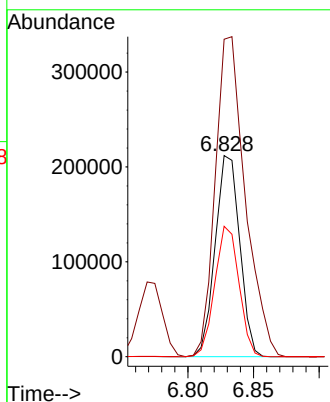
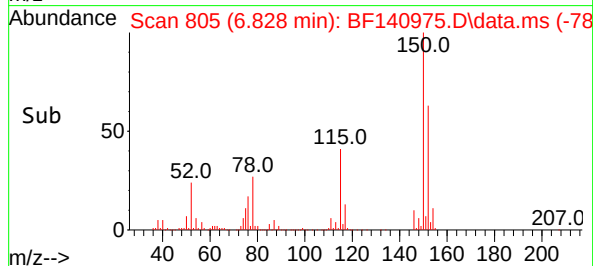
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:152 Resp: 27584
Ion Ratio Lower Upper
152 100
150 157.9 127.0 190.6
115 64.8 51.7 77.5

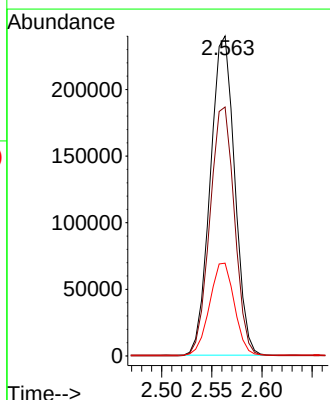
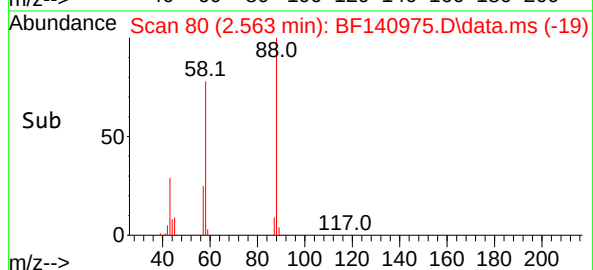
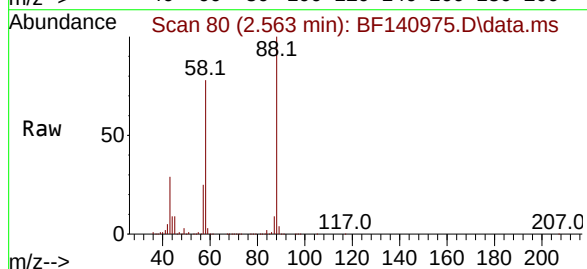
Manual Integrations
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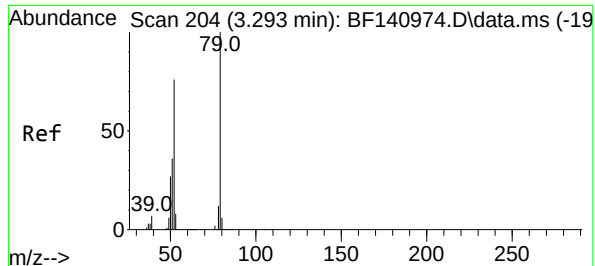
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#2
1,4-Dioxane
Concen: 48.826 ng
RT: 2.563 min Scan# 80
Delta R.T. 0.012 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Tgt Ion: 88 Resp: 404513
Ion Ratio Lower Upper
88 100
58 78.9 63.0 94.4
43 29.4 23.4 35.2





#3

Pyridine

Concen: 47.465 ng

RT: 3.304 min Scan# 204

Delta R.T. 0.012 min

Lab File: BF140975.D

Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 79 Resp: 96101

Ion Ratio Lower Upper

79 100

52 75.4 60.4 90.6

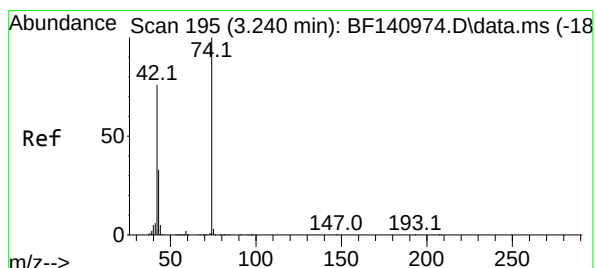
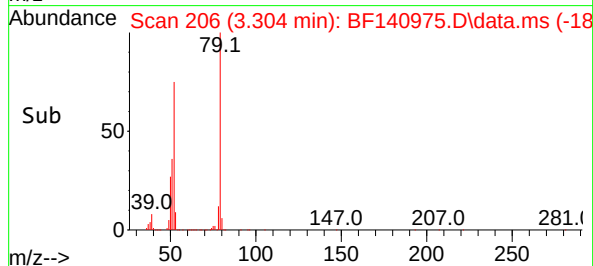
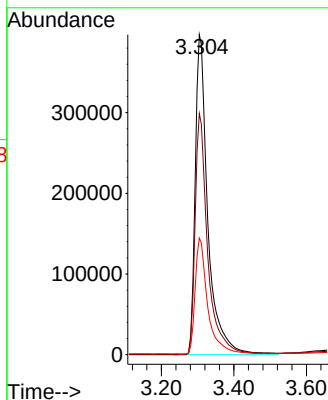
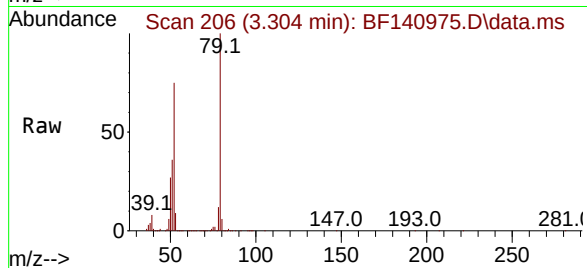
51 36.4 28.8 43.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#4

n-Nitrosodimethylamine

Concen: 49.886 ng

RT: 3.257 min Scan# 198

Delta R.T. 0.017 min

Lab File: BF140975.D

Acq: 26 Dec 2024 18:33

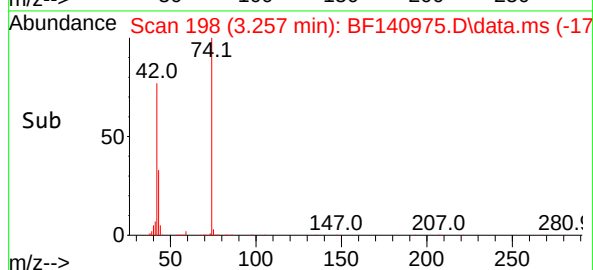
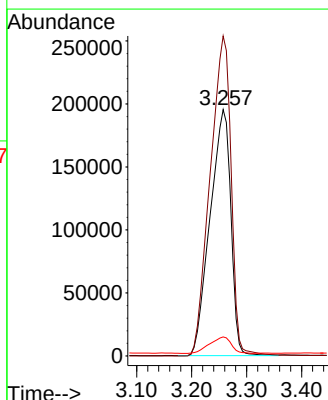
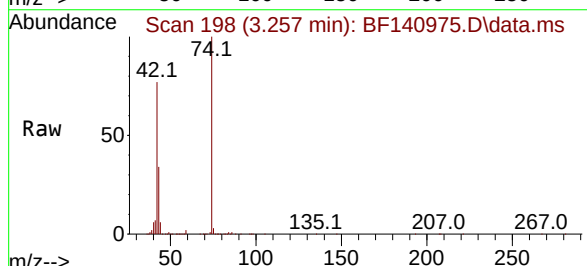
Tgt Ion: 42 Resp: 511762

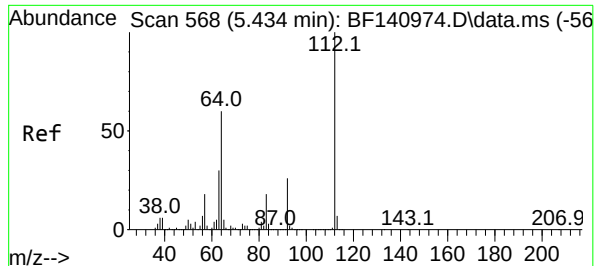
Ion Ratio Lower Upper

42 100

74 129.9 105.8 158.6

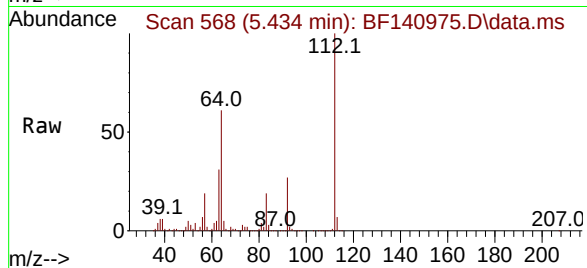
44 7.7 6.6 10.0





#5
2-Fluorophenol
Concen: 94.827 ng
RT: 5.434 min Scan# 568
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

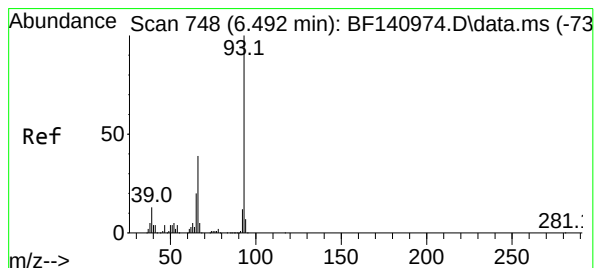
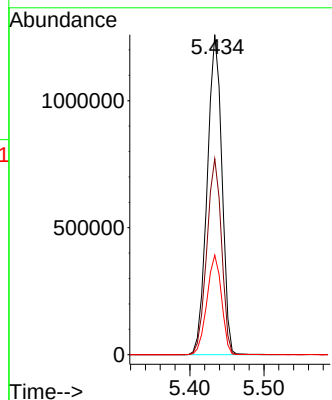
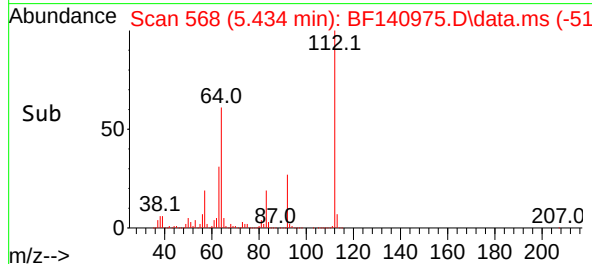
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion: 112 Resp: 1735294
Ion Ratio Lower Upper
112 100
64 61.2 47.7 71.5
63 31.1 24.2 36.2

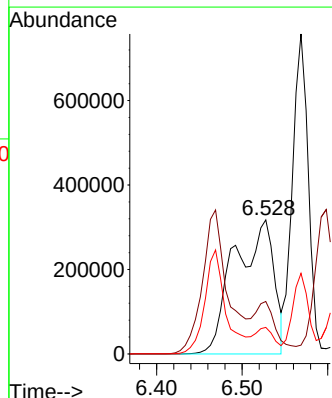
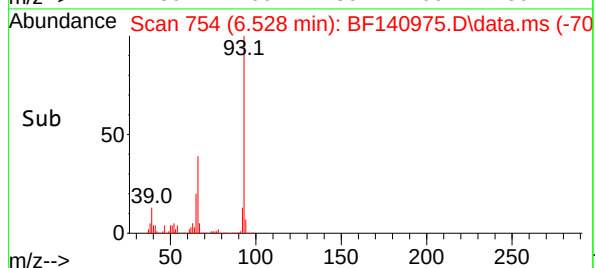
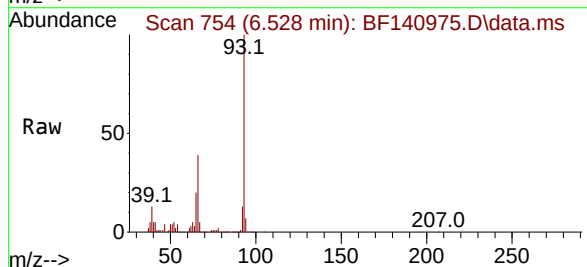
Manual Integrations
APPROVED

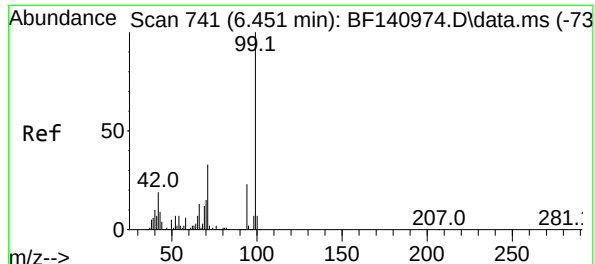
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#6
Aniline
Concen: 48.540 ng m
RT: 6.528 min Scan# 754
Delta R.T. 0.017 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

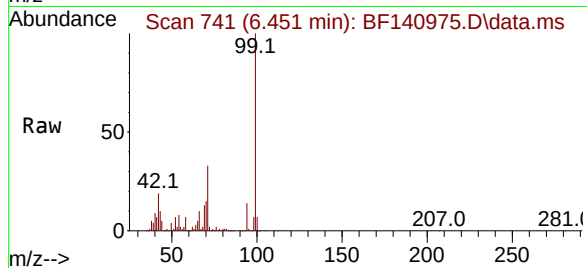
Tgt Ion: 93 Resp: 1020551
Ion Ratio Lower Upper
93 100
66 39.2 31.8 47.8
65 19.8 15.4 23.0





#7
Phenol-d6
Concen: 95.051 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

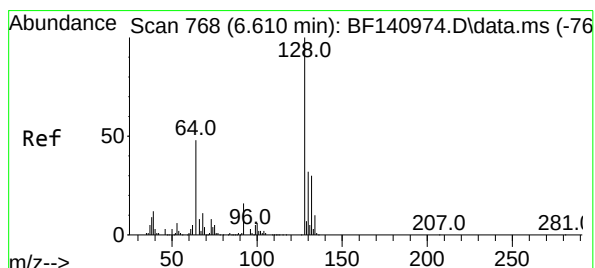
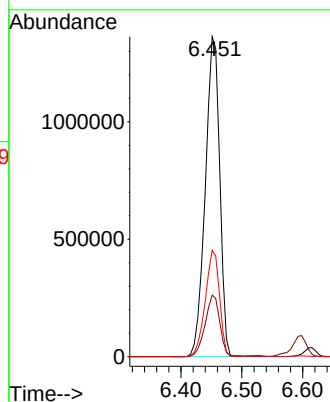
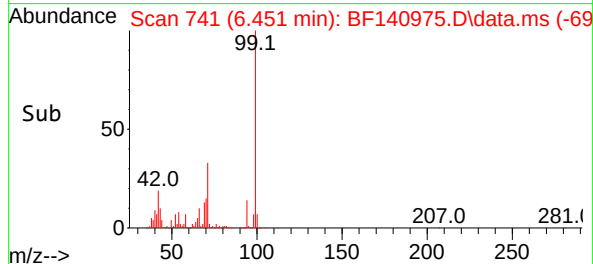
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



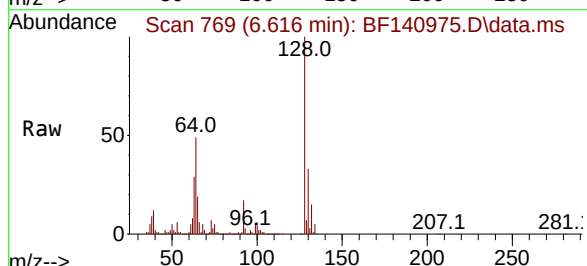
Tgt Ion: 99 Resp: 2240710
Ion Ratio Lower Upper
99 100
42 19.3 15.0 22.4
71 33.2 26.2 39.2

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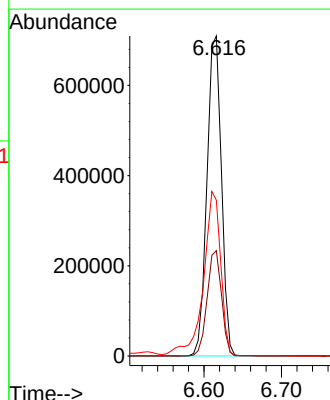
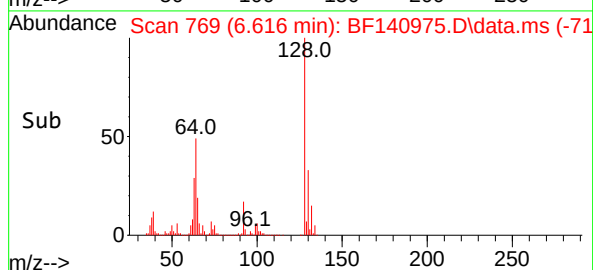
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

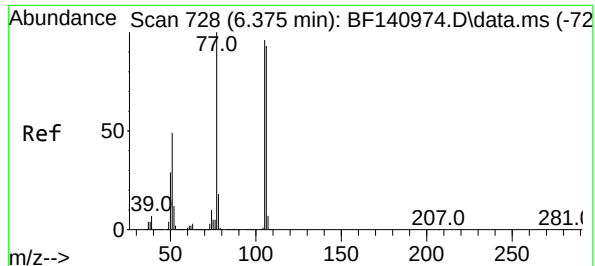


#8
2-Chlorophenol
Concen: 47.791 ng
RT: 6.616 min Scan# 769
Delta R.T. 0.006 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33



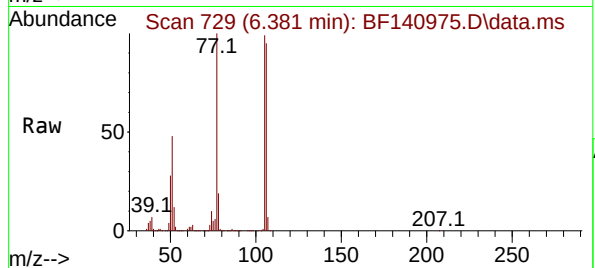
Tgt Ion:128 Resp: 922056
Ion Ratio Lower Upper
128 100
130 32.9 12.2 52.2
64 48.6 30.3 70.3





#9
Benzaldehyde
Concen: 49.354 ng
RT: 6.381 min Scan# 729
Delta R.T. 0.006 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

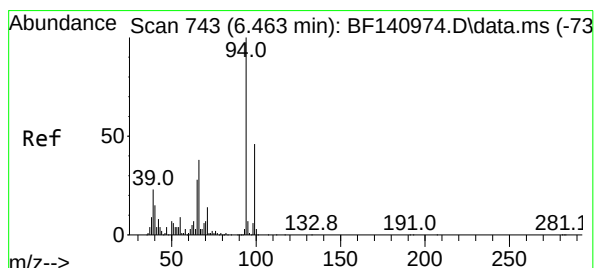
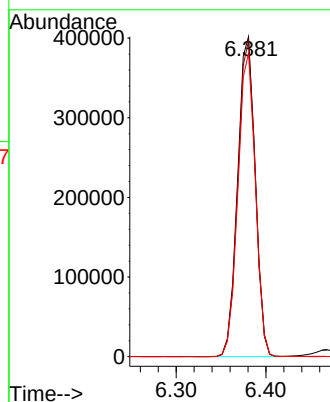
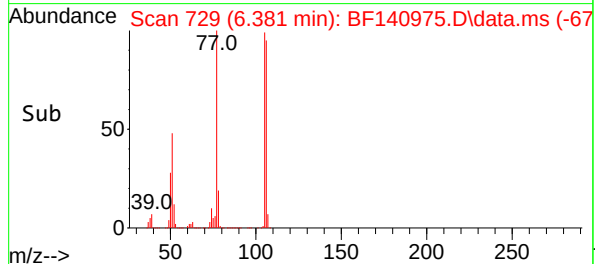
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion: 77 Resp: 546478
Ion Ratio Lower Upper
77 100
105 98.8 76.2 116.2
106 94.8 73.4 113.4

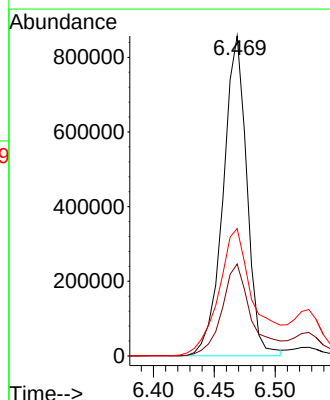
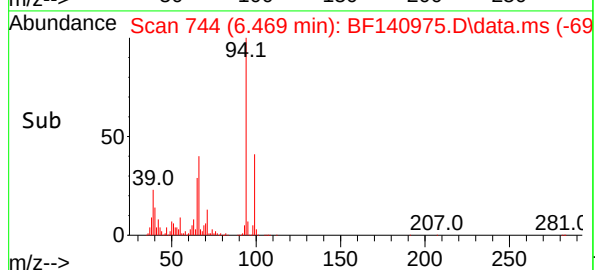
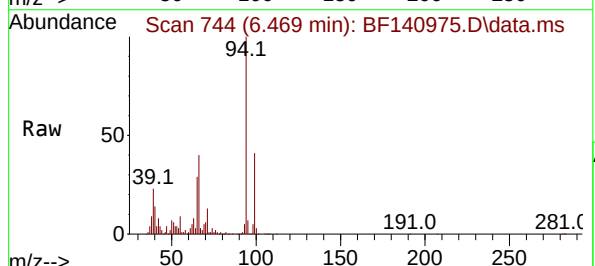
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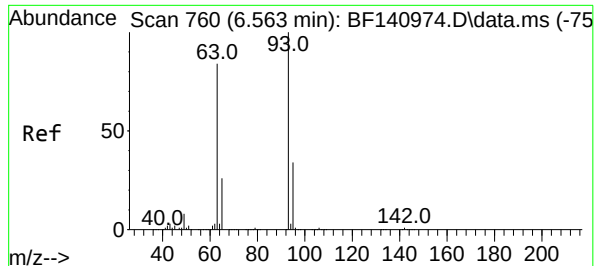
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#10
Phenol
Concen: 47.608 ng
RT: 6.469 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

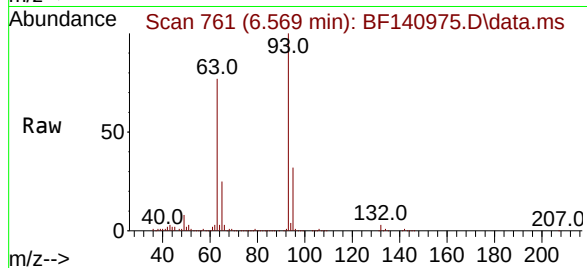
Tgt Ion: 94 Resp: 1160486
Ion Ratio Lower Upper
94 100
65 28.7 8.1 48.1
66 39.8 18.7 58.7





#11
bis(2-Chloroethyl)ether
Concen: 49.665 ng
RT: 6.569 min Scan# 760
Delta R.T. 0.006 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

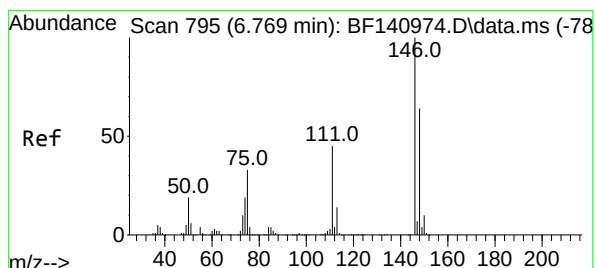
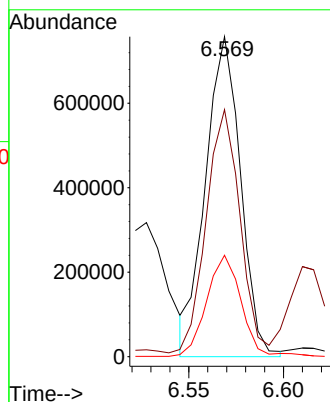
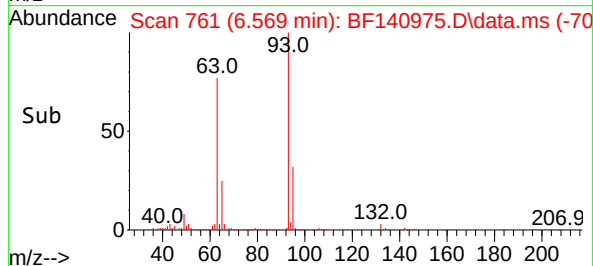
Instrument :
BNA_F
Client Sample Id :
SSTDICC050



Tgt Ion: 93 Resp: 97660
Ion Ratio Lower Upper
93 100
63 77.2 60.3 100.3
95 31.7 12.2 52.2

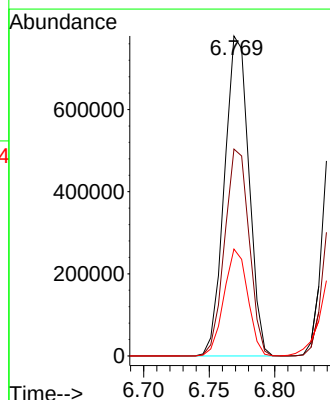
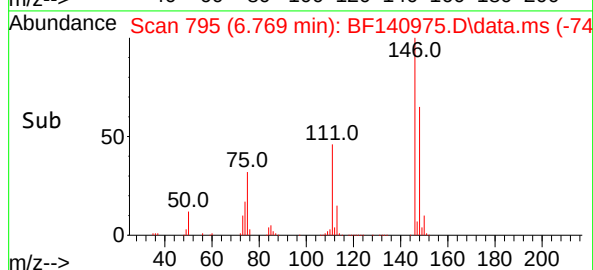
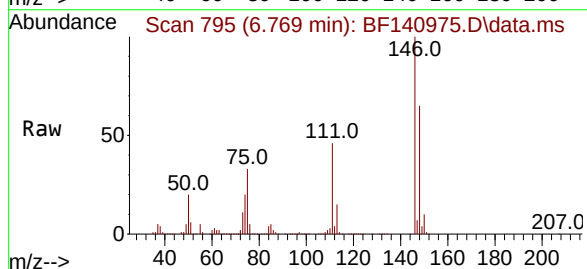
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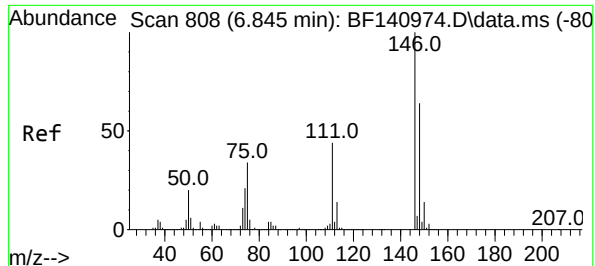
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#12
1,3-Dichlorobenzene
Concen: 47.362 ng
RT: 6.769 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Tgt Ion:146 Resp: 1008461
Ion Ratio Lower Upper
146 100
148 64.6 51.0 76.4
75 33.4 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 47.467 ng

RT: 6.845 min Scan# 808

Delta R.T. -0.000 min

Lab File: BF140975.D

Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:146 Resp: 101887

Ion Ratio Lower Upper

146 100

148 63.9 51.3 76.9

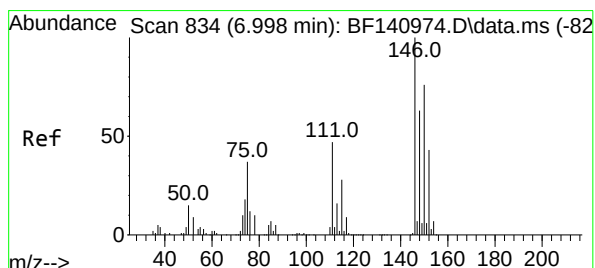
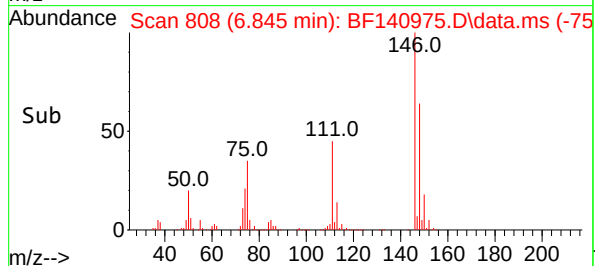
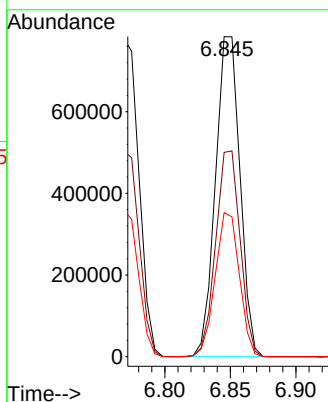
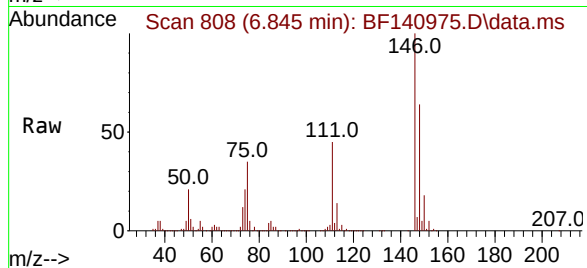
111 45.0 35.3 52.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#14

1,2-Dichlorobenzene

Concen: 47.085 ng

RT: 7.004 min Scan# 835

Delta R.T. 0.006 min

Lab File: BF140975.D

Acq: 26 Dec 2024 18:33

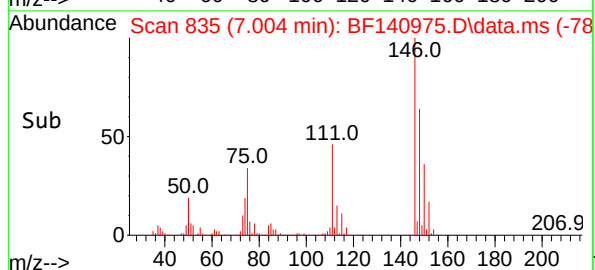
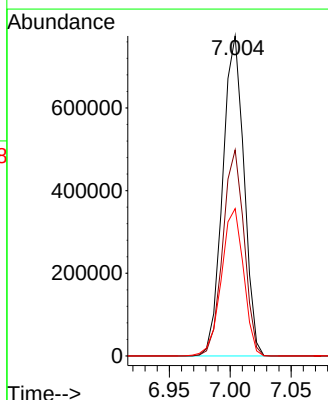
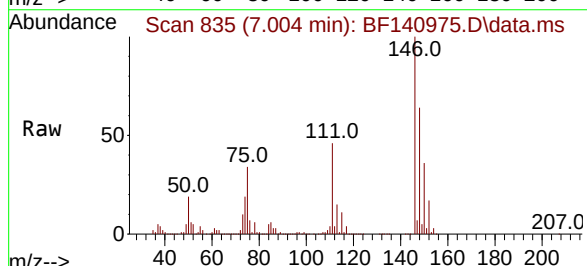
Tgt Ion:146 Resp: 942310

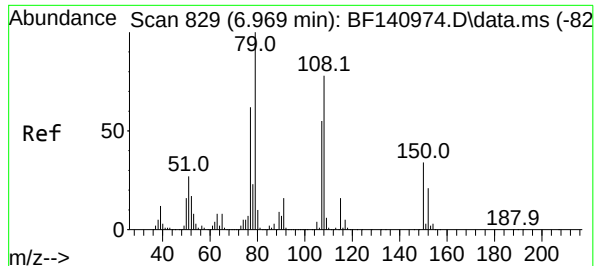
Ion Ratio Lower Upper

146 100

148 64.4 50.6 76.0

111 46.1 37.3 55.9





#15

Benzyl Alcohol

Concen: 48.792 ng

RT: 6.969 min Scan# 829

Delta R.T. -0.000 min

Lab File: BF140975.D

Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 79 Resp: 826544

Ion Ratio Lower Upper

79 100

108 76.8 62.5 93.7

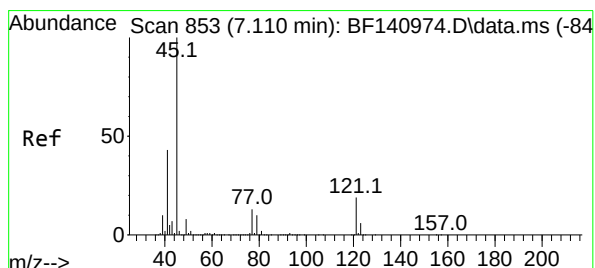
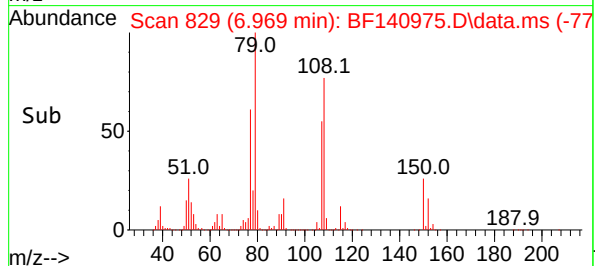
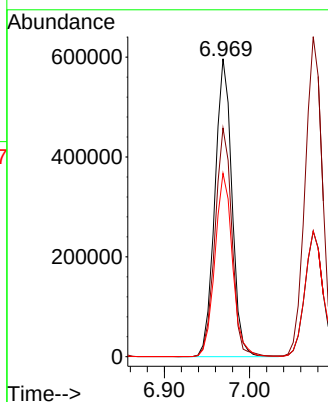
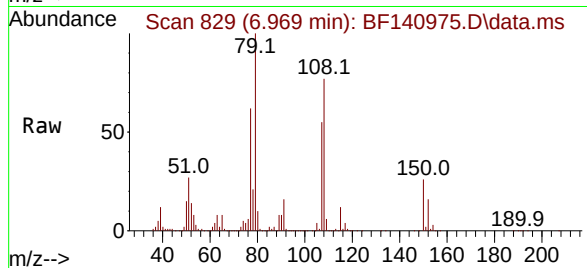
77 61.5 49.3 73.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.443 ng

RT: 7.110 min Scan# 853

Delta R.T. -0.000 min

Lab File: BF140975.D

Acq: 26 Dec 2024 18:33

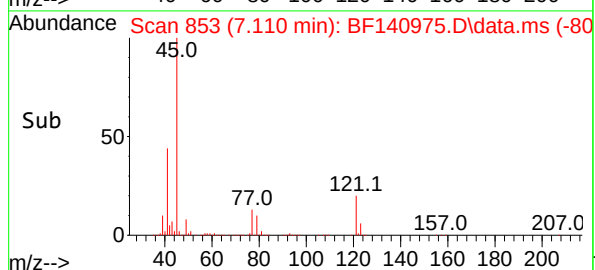
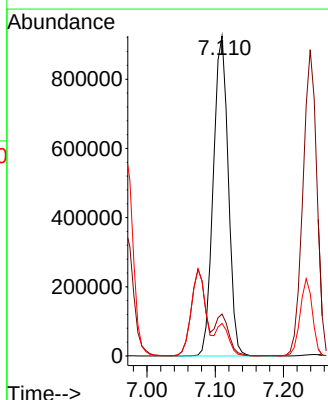
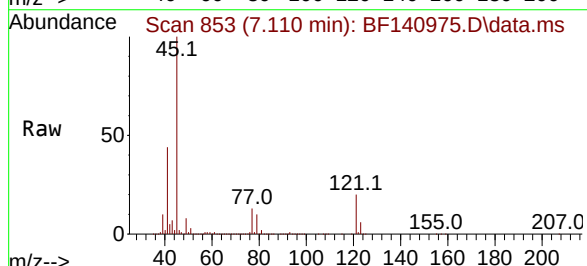
Tgt Ion: 45 Resp: 1412151

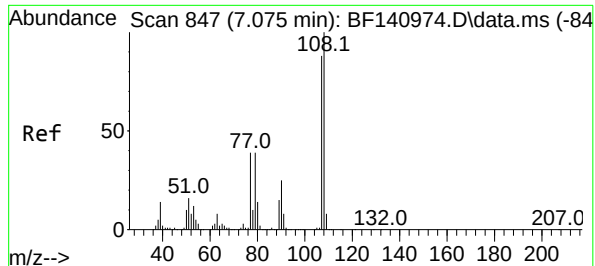
Ion Ratio Lower Upper

45 100

77 13.1 0.0 33.1

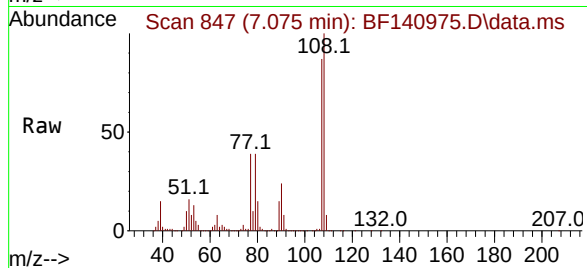
79 10.2 0.0 30.1





#17
2-Methylphenol
Concen: 48.390 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

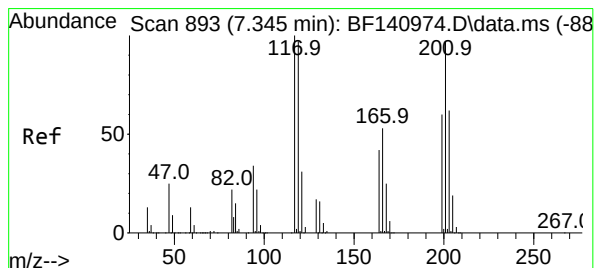
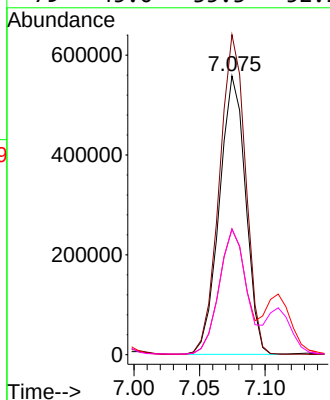
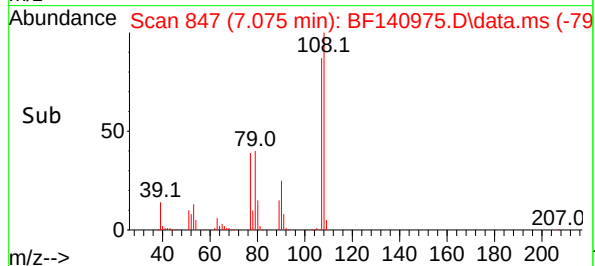
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



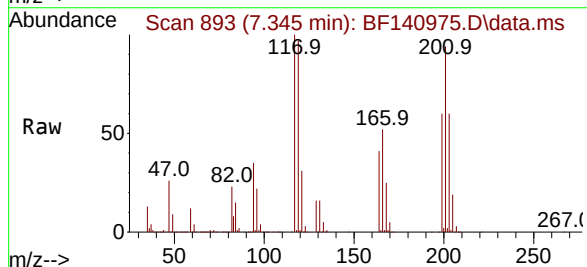
Tgt Ion:107 Resp: 775619
Ion Ratio Lower Upper
107 100
108 114.8 90.6 136.0
77 45.1 35.3 52.9
79 45.0 35.3 52.9

Manual Integrations
APPROVED

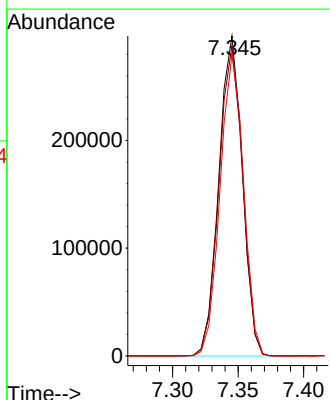
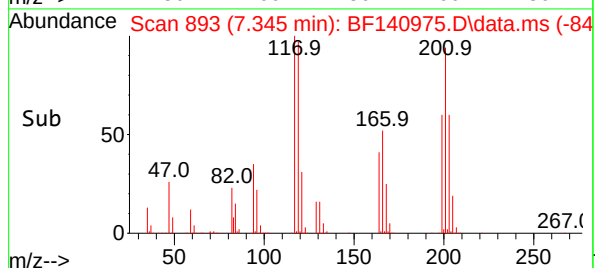
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

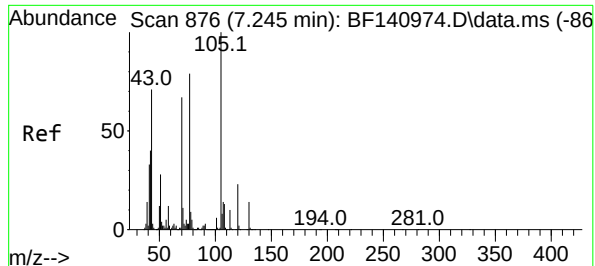


#18
Hexachloroethane
Concen: 48.670 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33



Tgt Ion:117 Resp: 371106
Ion Ratio Lower Upper
117 100
119 96.9 77.5 116.3
201 94.2 77.4 116.2





#19

n-Nitroso-di-n-propylamine

Concen: 47.195 ng

RT: 7.251 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF140975.D

Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 681599

Ion Ratio Lower Upper

70 100

42 58.8 48.1 72.1

101 9.7 7.6 11.4

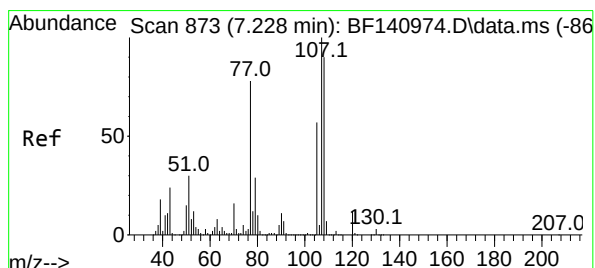
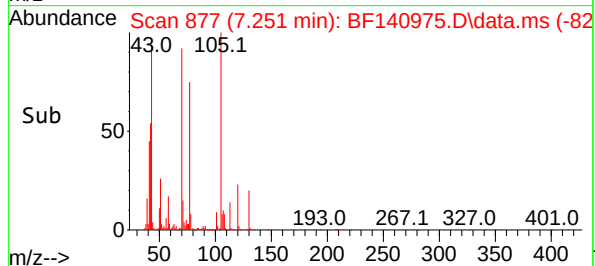
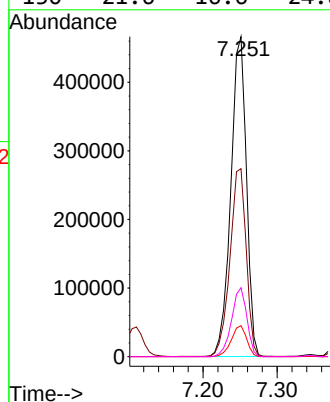
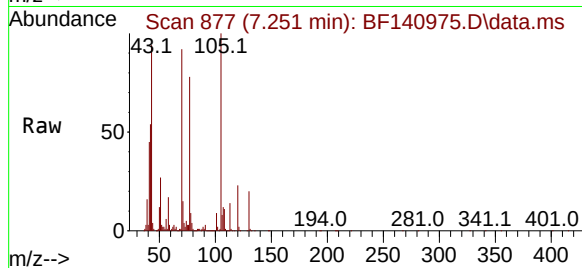
130 21.6 16.6 24.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#20

3+4-Methylphenols

Concen: 47.163 ng

RT: 7.233 min Scan# 874

Delta R.T. 0.006 min

Lab File: BF140975.D

Acq: 26 Dec 2024 18:33

Tgt Ion:107 Resp: 956631

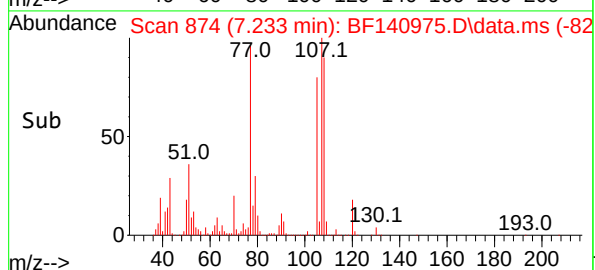
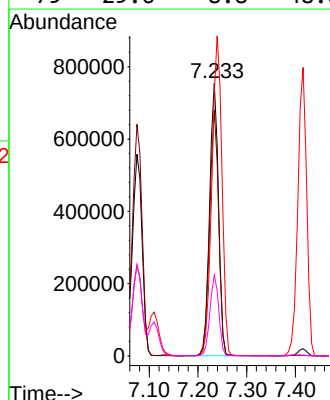
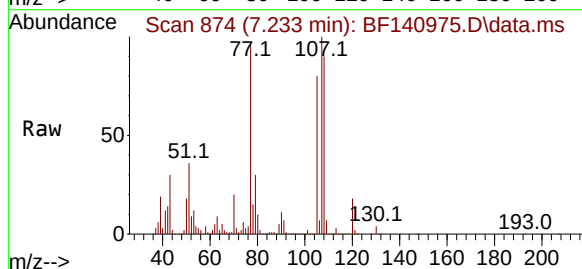
Ion Ratio Lower Upper

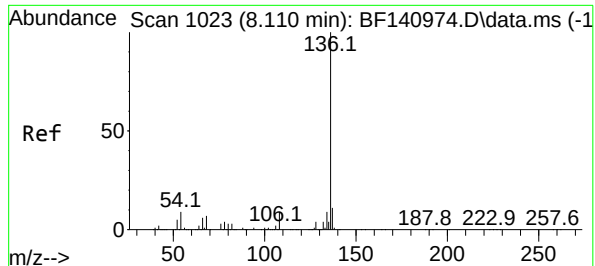
107 100

108 90.1 69.6 109.6

77 96.2 57.6 97.6

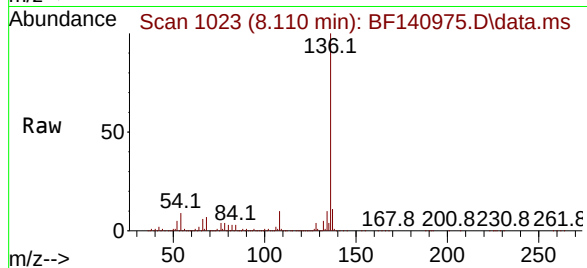
79 29.6 8.8 48.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

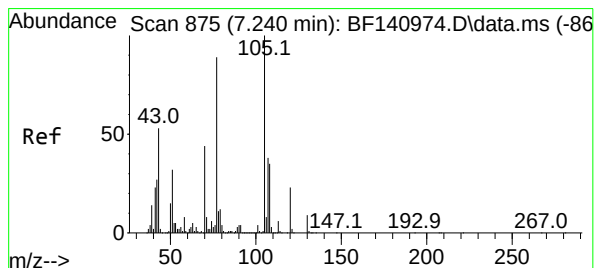
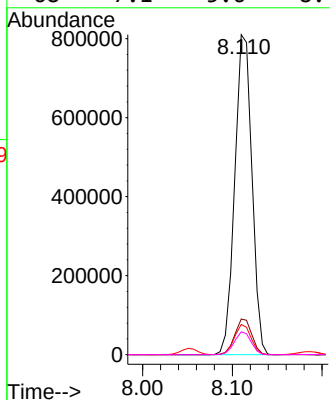
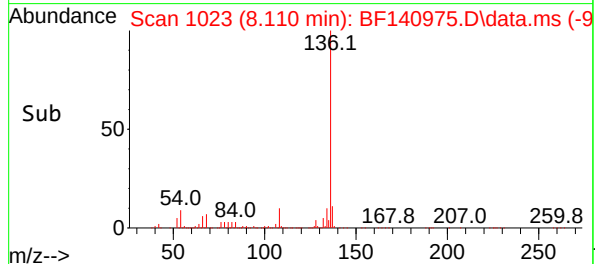
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:136 Resp: 1074985
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 9.4 7.6 11.4
68 7.1 5.6 8.4

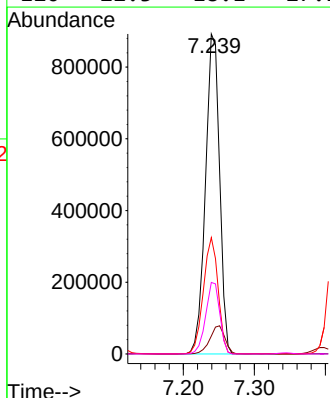
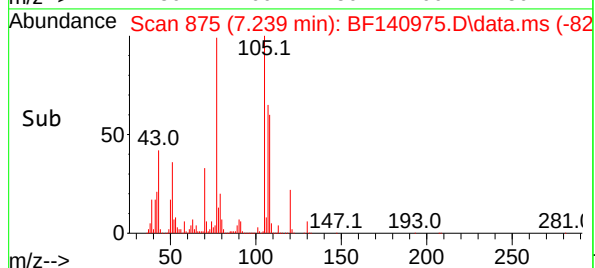
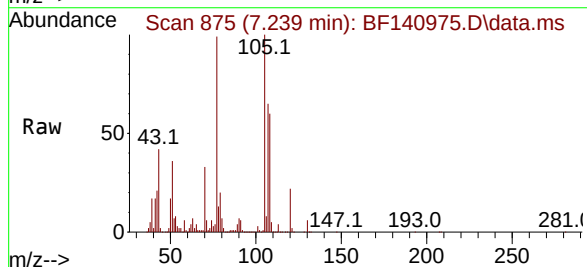
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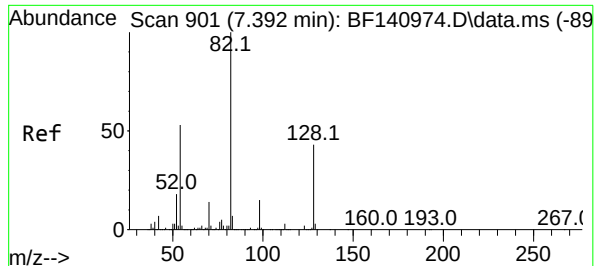
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#22
Acetophenone
Concen: 46.789 ng
RT: 7.239 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Tgt Ion:105 Resp: 1233868
Ion Ratio Lower Upper
105 100
71 5.6 6.1 9.1#
51 36.3 25.8 38.6
120 22.3 18.1 27.1





#23

Nitrobenzene-d5

Concen: 107.979 ng

RT: 7.398 min Scan# 901

Delta R.T. 0.006 min

Lab File: BF140975.D

Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 1814319

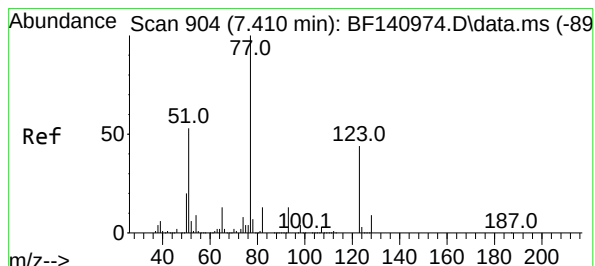
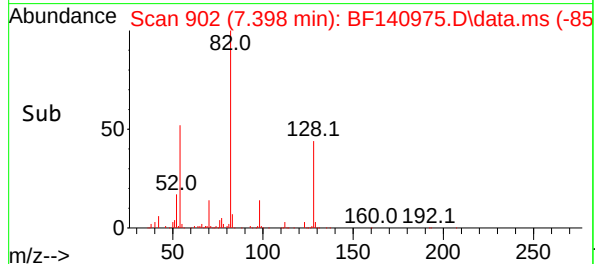
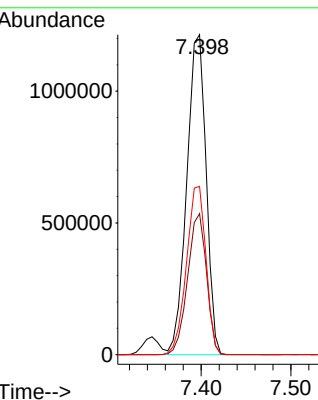
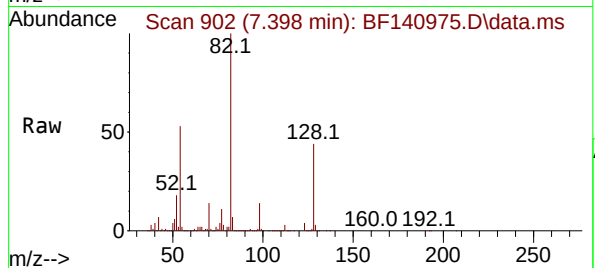
Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.4	51.6
54	52.6	42.4	63.6

Manual Integrations

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Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#24

Nitrobenzene

Concen: 53.126 ng

RT: 7.416 min Scan# 905

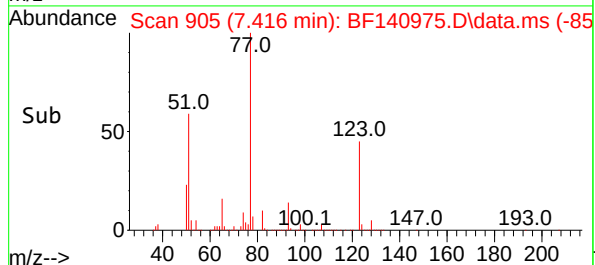
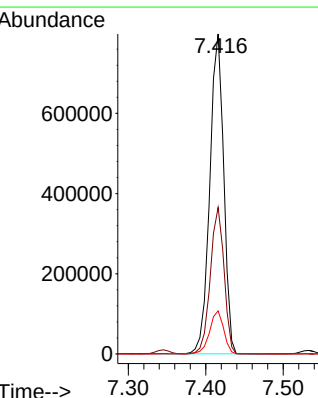
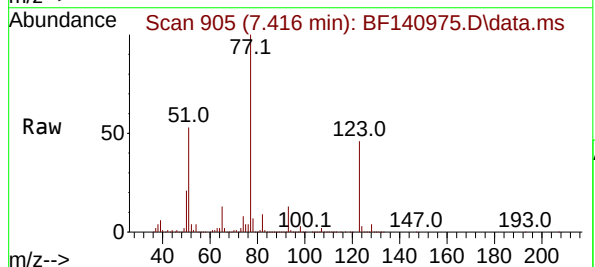
Delta R.T. 0.006 min

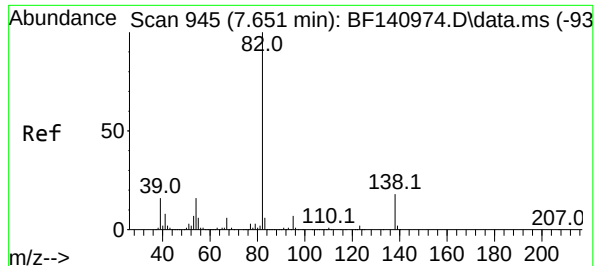
Lab File: BF140975.D

Acq: 26 Dec 2024 18:33

Tgt Ion: 77 Resp: 997447

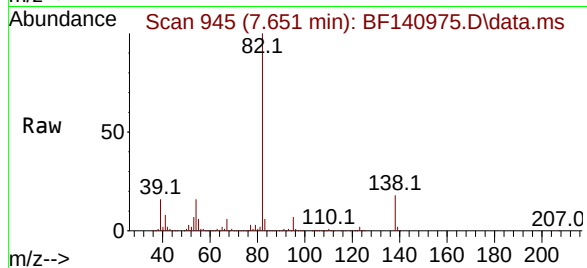
Ion	Ratio	Lower	Upper
77	100		
123	45.8	35.4	53.2
65	13.5	10.7	16.1





#25
Isophorone
Concen: 48.082 ng
RT: 7.651 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

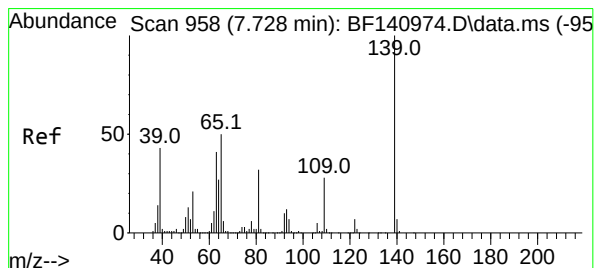
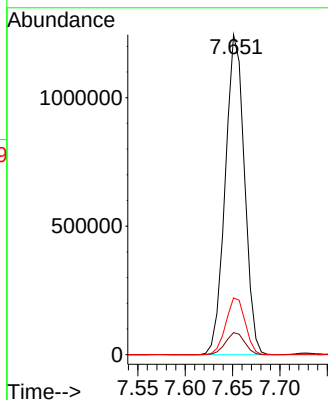
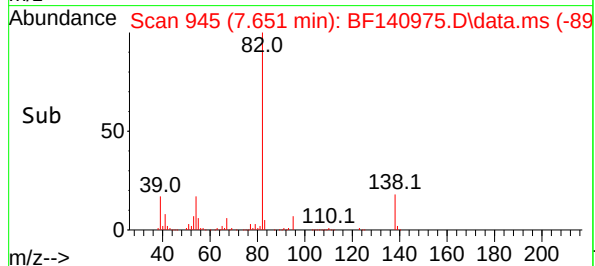
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion: 82 Resp: 175802
Ion Ratio Lower Upper
82 100
95 6.9 5.6 8.4
138 17.7 14.6 21.8

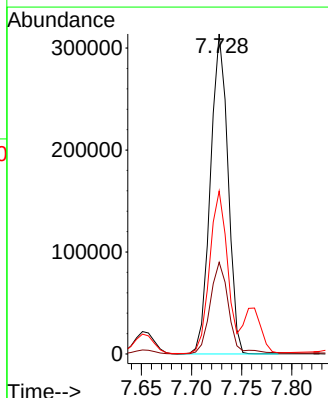
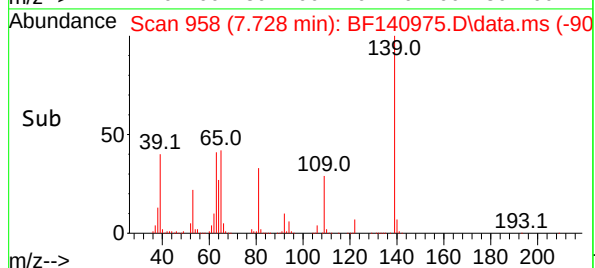
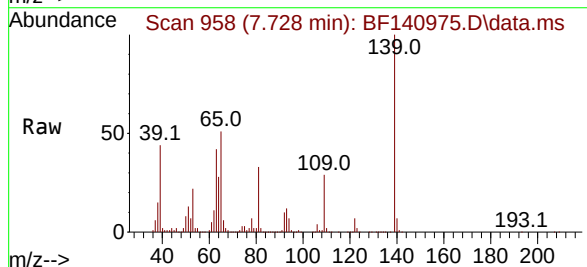
Manual Integrations
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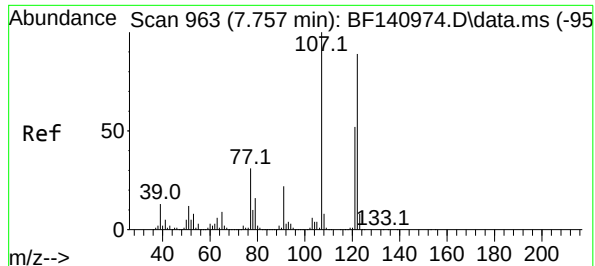
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#26
2-Nitrophenol
Concen: 49.366 ng
RT: 7.728 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Tgt Ion:139 Resp: 381135
Ion Ratio Lower Upper
139 100
109 28.7 22.2 33.4
65 50.9 40.2 60.4





#27

2,4-Dimethylphenol

Concen: 48.497 ng

RT: 7.763 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF140975.D

Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:122 Resp: 648052

Ion Ratio Lower Upper

122 100

107 110.1 89.4 134.2

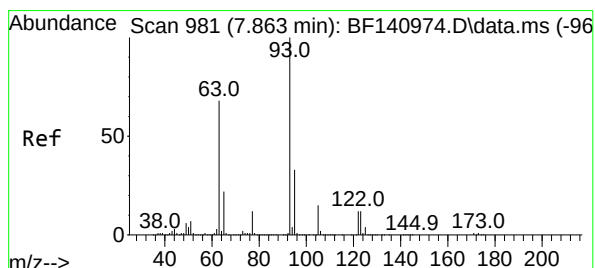
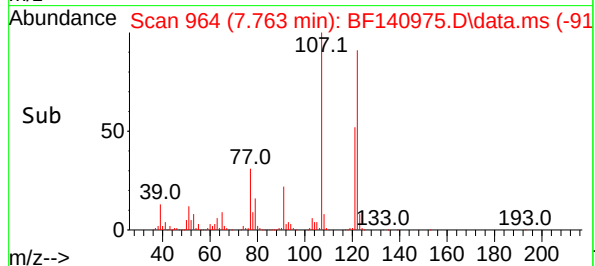
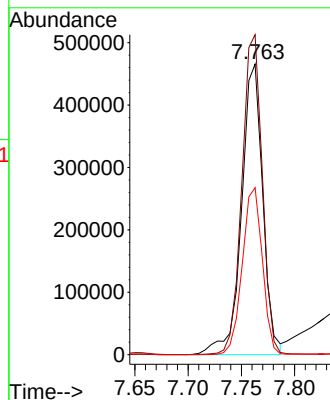
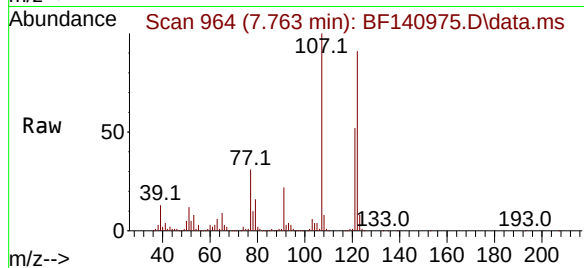
121 57.5 46.7 70.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#28

bis(2-Chloroethoxy)methane

Concen: 47.823 ng

RT: 7.863 min Scan# 981

Delta R.T. -0.000 min

Lab File: BF140975.D

Acq: 26 Dec 2024 18:33

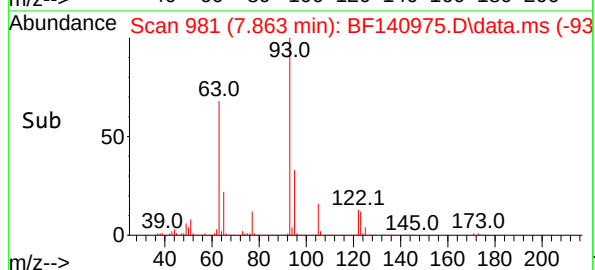
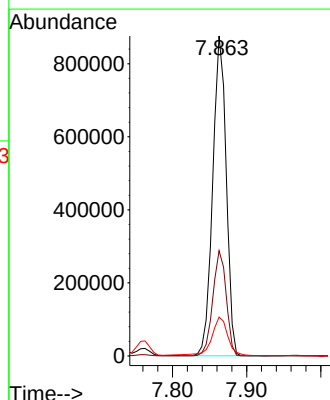
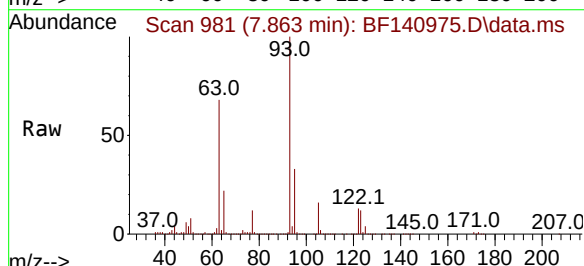
Tgt Ion: 93 Resp: 1107863

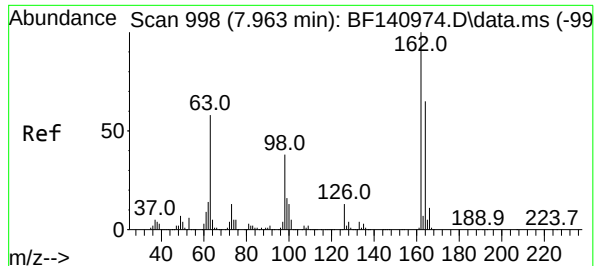
Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.4

123 12.1 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 49.847 ng

RT: 7.963 min Scan# 998

Delta R.T. -0.000 min

Lab File: BF140975.D

Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:162 Resp: 755430

Ion Ratio Lower Upper

162 100

164 63.7 44.8 84.8

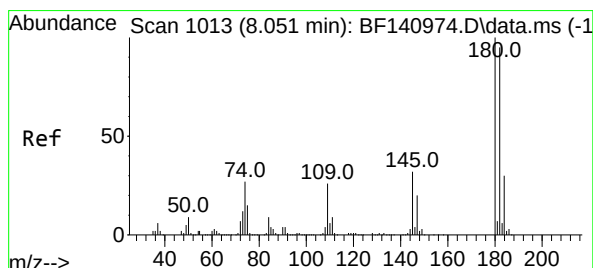
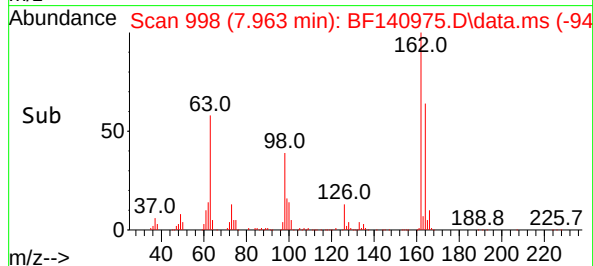
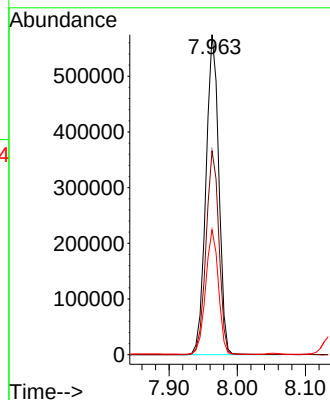
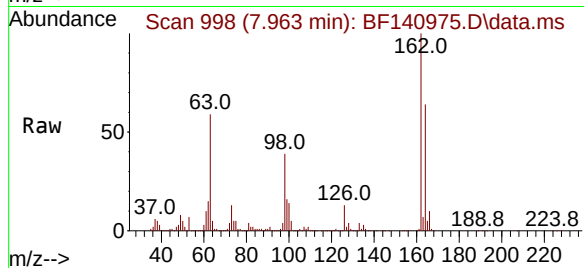
98 39.1 18.6 58.6

Manual Integrations

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Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#30

1,2,4-Trichlorobenzene

Concen: 47.560 ng

RT: 8.051 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF140975.D

Acq: 26 Dec 2024 18:33

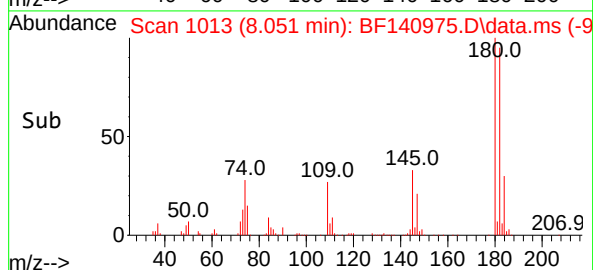
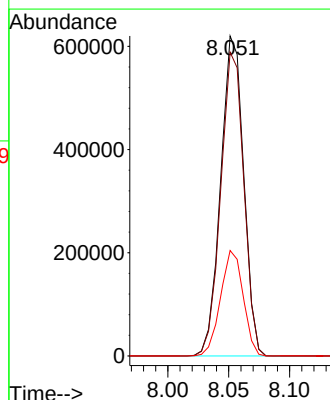
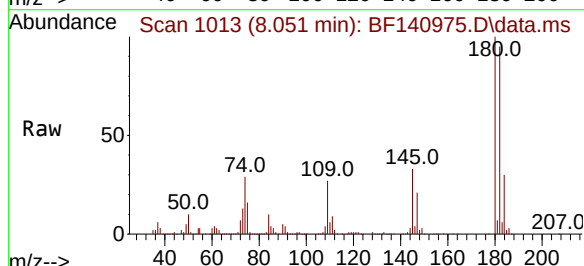
Tgt Ion:180 Resp: 815821

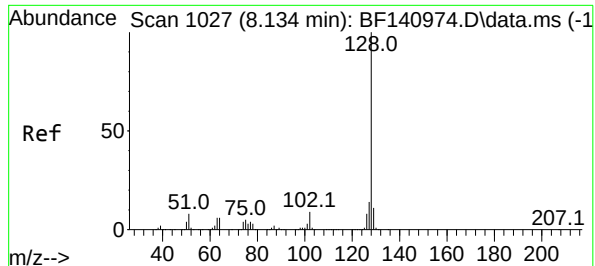
Ion Ratio Lower Upper

180 100

182 94.9 76.2 114.4

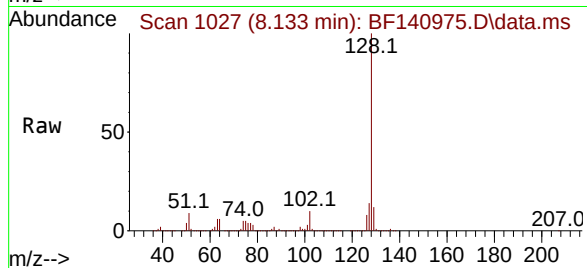
145 32.9 25.4 38.2





#31
Naphthalene
Concen: 46.905 ng
RT: 8.133 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

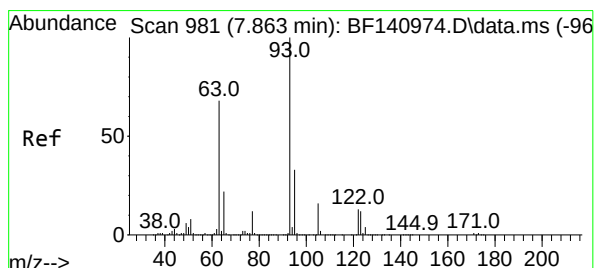
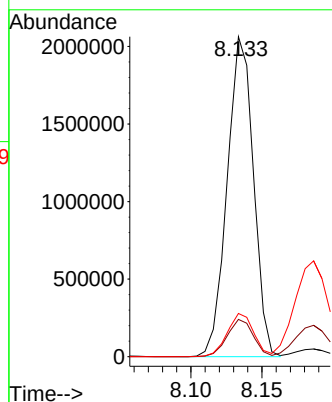
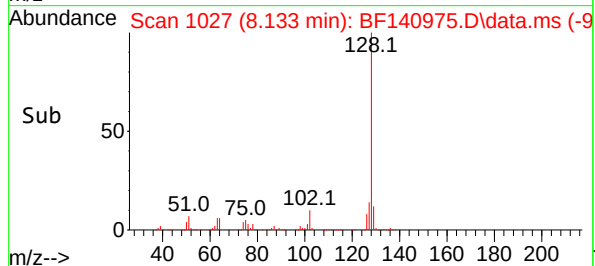
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:128 Resp: 265694
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.5 11.0 16.4

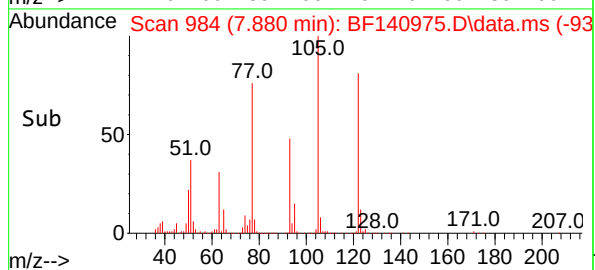
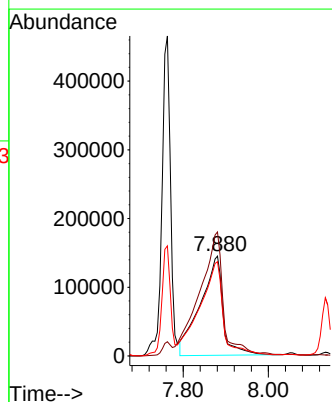
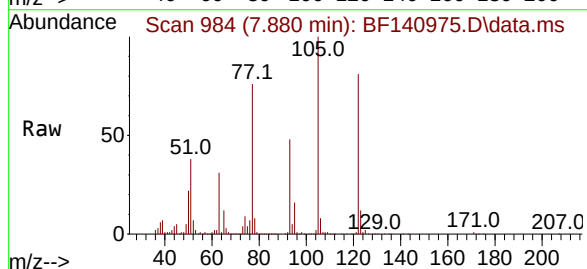
Manual Integrations
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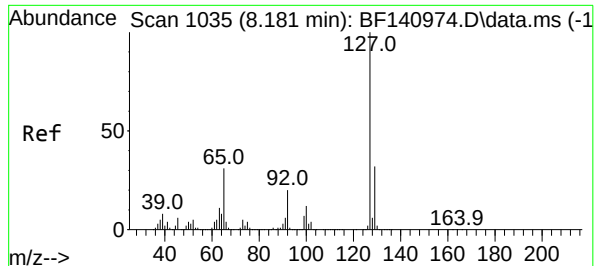
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#32
Benzoic acid
Concen: 48.423 ng
RT: 7.880 min Scan# 984
Delta R.T. 0.017 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Tgt Ion:122 Resp: 533388
Ion Ratio Lower Upper
122 100
105 124.1 105.4 145.4
77 94.3 76.4 116.4





#33

4-Chloroaniline

Concen: 48.233 ng

RT: 8.186 min Scan# 1035

Delta R.T. 0.006 min

Lab File: BF140975.D

Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:127 Resp: 988410

Ion Ratio Lower Upper

127 100

129 32.8 26.1 39.1

65 30.6 24.6 37.0

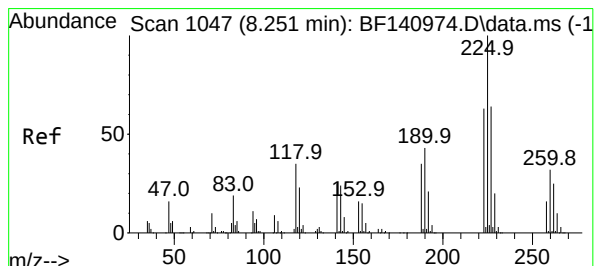
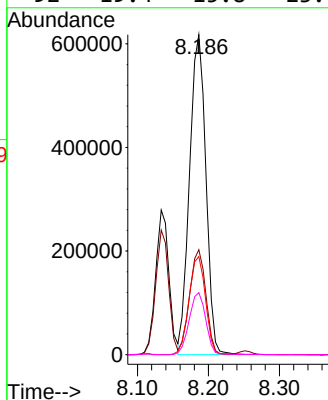
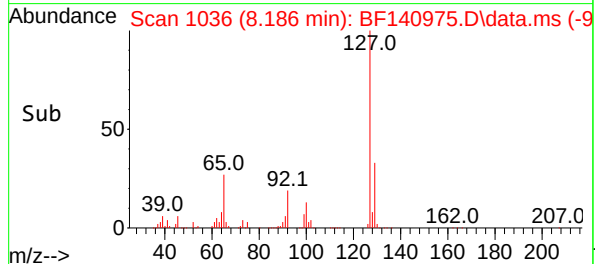
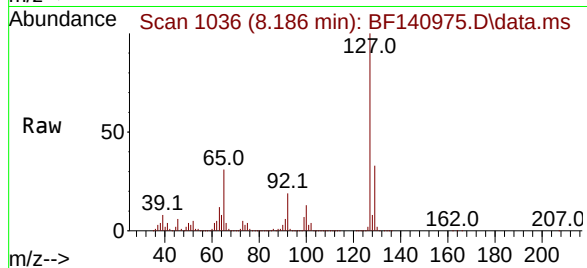
92 19.4 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#34

Hexachlorobutadiene

Concen: 48.012 ng

RT: 8.251 min Scan# 1047

Delta R.T. -0.000 min

Lab File: BF140975.D

Acq: 26 Dec 2024 18:33

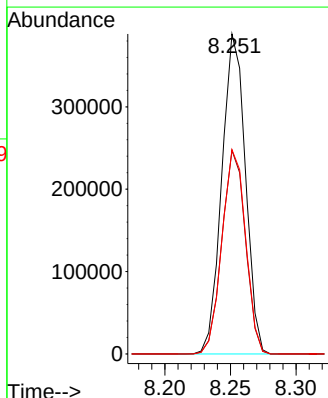
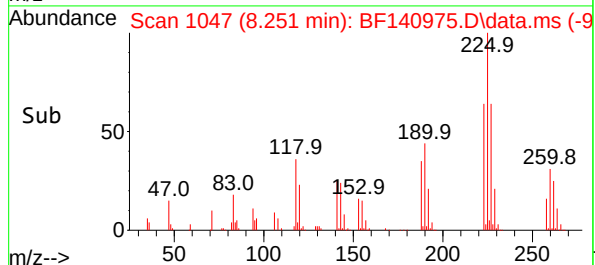
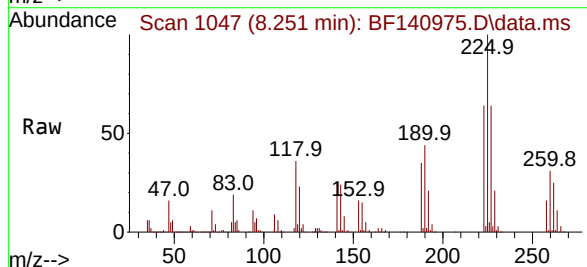
Tgt Ion:225 Resp: 485520

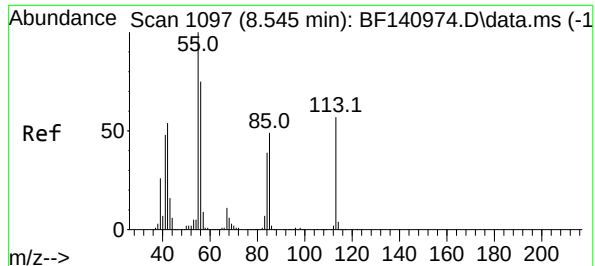
Ion Ratio Lower Upper

225 100

223 63.6 50.3 75.5

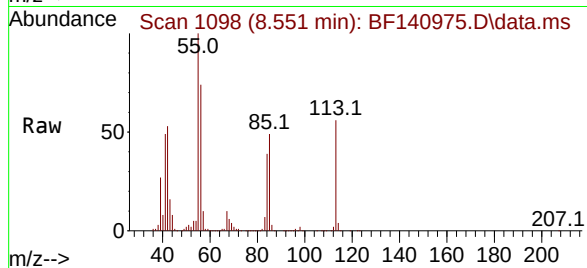
227 63.9 50.8 76.2





#35
Caprolactam
Concen: 48.876 ng m
RT: 8.551 min Scan# 1098
Delta R.T. 0.006 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

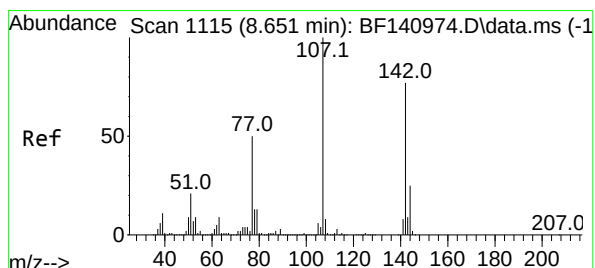
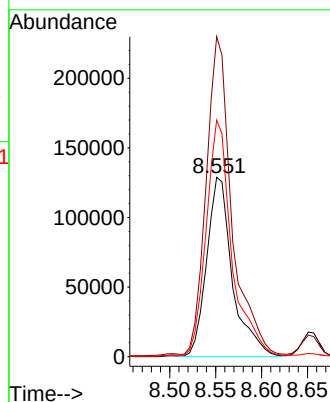
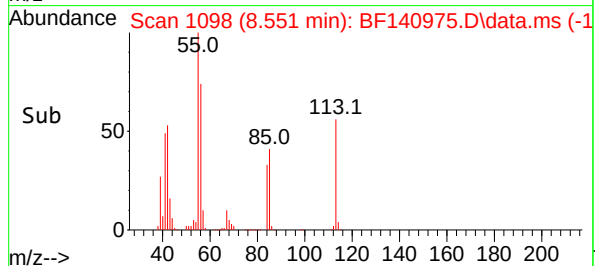
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:113 Resp: 251835
Ion Ratio Lower Upper
113 100
55 178.4 156.6 196.6
56 132.0 111.7 151.7

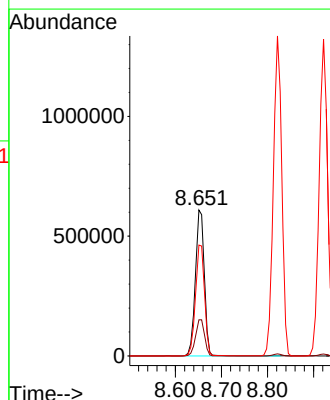
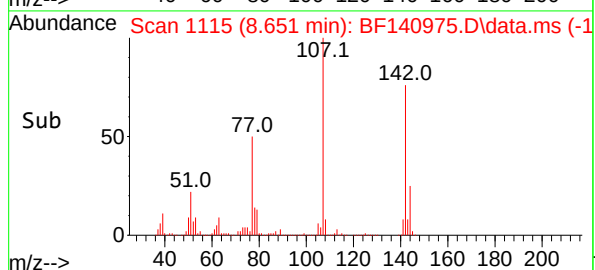
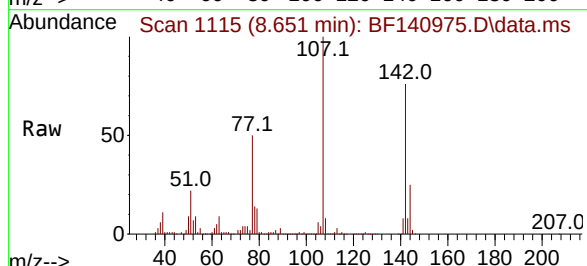
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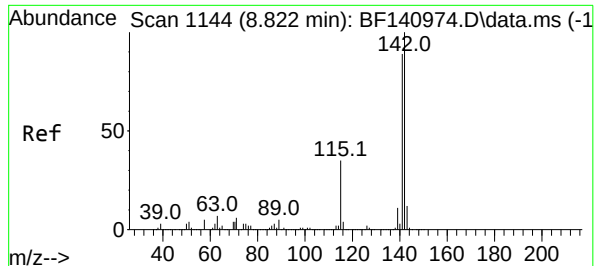
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#36
4-Chloro-3-methylphenol
Concen: 48.589 ng
RT: 8.651 min Scan# 1115
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Tgt Ion:107 Resp: 817788
Ion Ratio Lower Upper
107 100
144 24.8 19.9 29.9
142 75.9 61.8 92.8





#37

2-Methylnaphthalene

Concen: 46.676 ng

RT: 8.822 min Scan# 1144

Delta R.T. -0.000 min

Lab File: BF140975.D

Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:142 Resp: 1691438

Ion Ratio Lower Upper

142 100

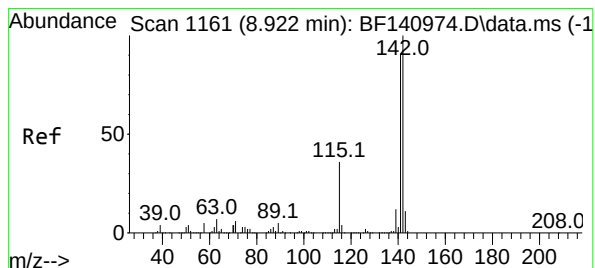
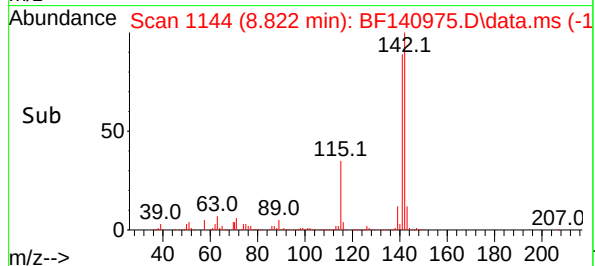
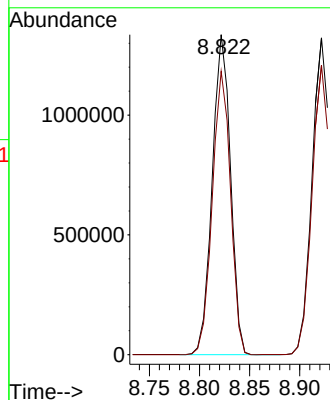
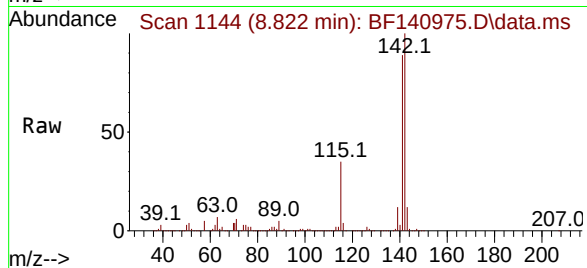
141 88.5 71.1 106.7

Manual Integrations

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Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#38

1-Methylnaphthalene

Concen: 46.607 ng

RT: 8.922 min Scan# 1161

Delta R.T. -0.000 min

Lab File: BF140975.D

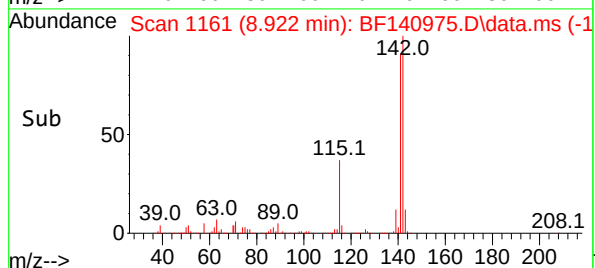
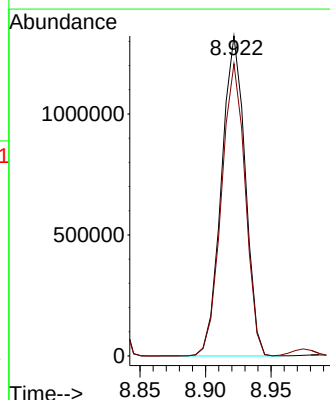
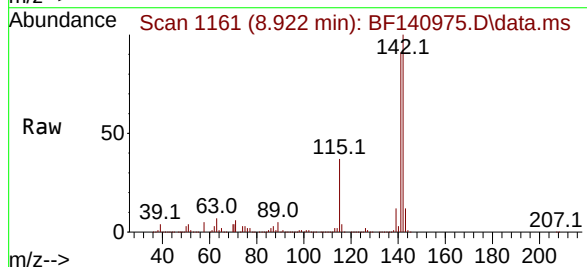
Acq: 26 Dec 2024 18:33

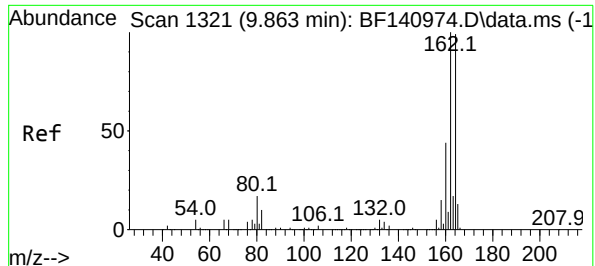
Tgt Ion:142 Resp: 1659875

Ion Ratio Lower Upper

142 100

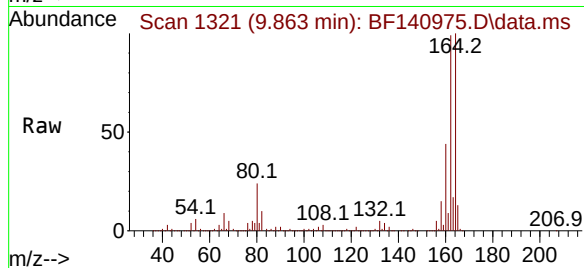
141 91.4 72.7 109.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

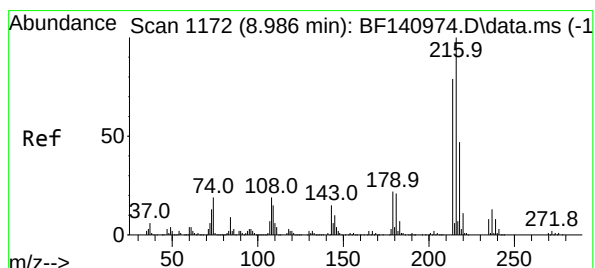
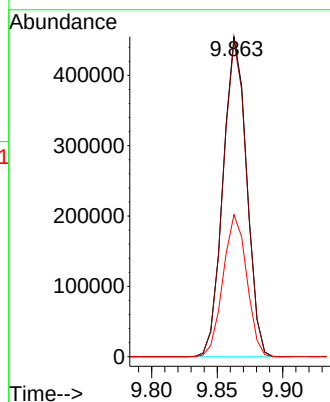
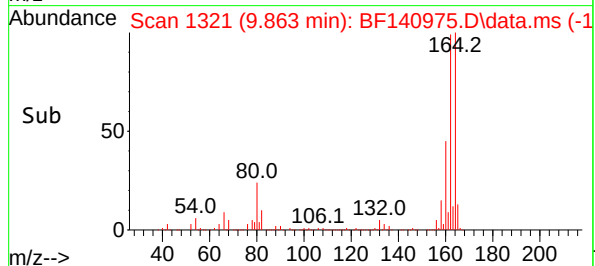
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:164 Resp: 568540
Ion Ratio Lower Upper
164 100
162 98.7 80.6 120.8
160 44.3 35.7 53.5

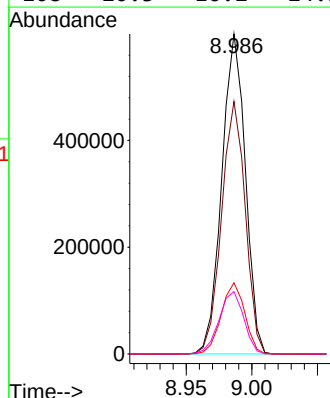
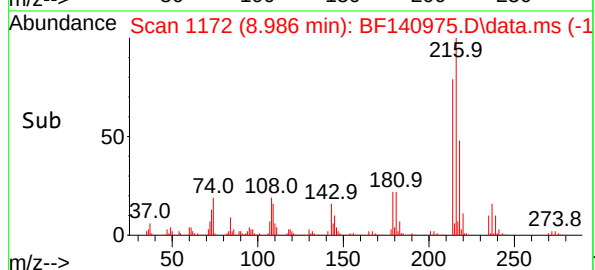
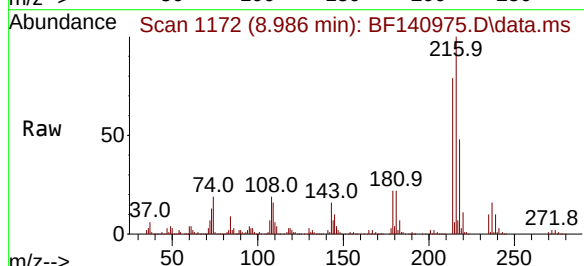
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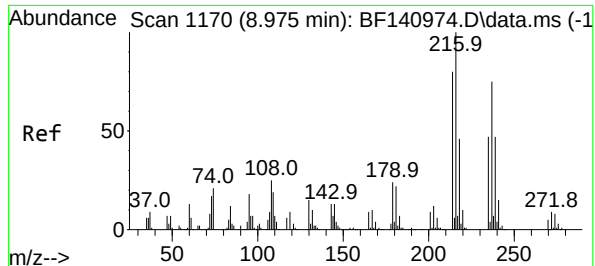
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.857 ng
RT: 8.986 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

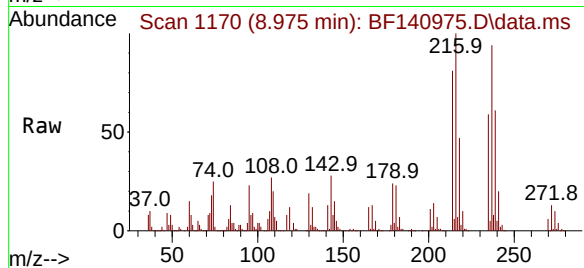
Tgt Ion:216 Resp: 748540
Ion Ratio Lower Upper
216 100
214 79.1 63.0 94.6
179 22.2 17.9 26.9
108 20.3 16.2 24.2





#41
Hexachlorocyclopentadiene
Concen: 51.849 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

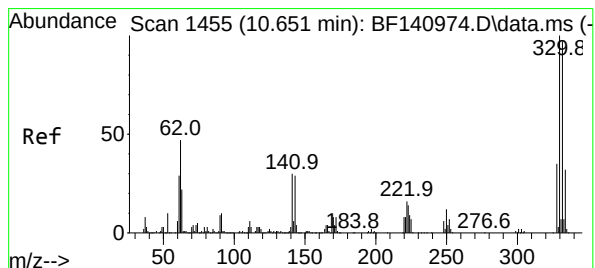
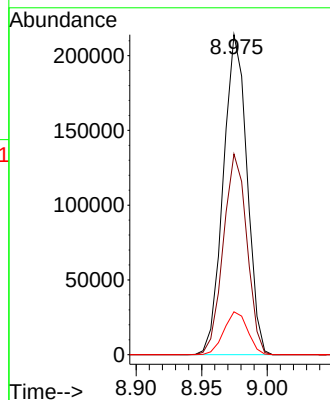
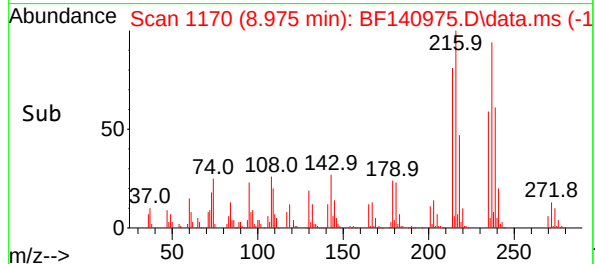
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion: 237 Resp: 268744
Ion Ratio Lower Upper
237 100
235 62.7 43.4 83.4
272 13.4 0.0 32.6

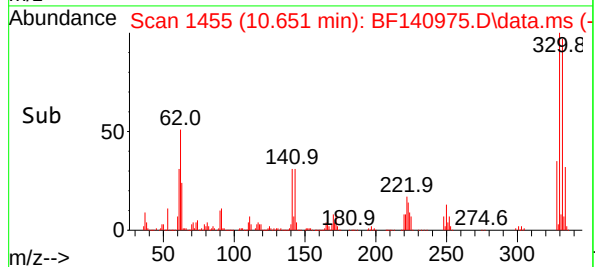
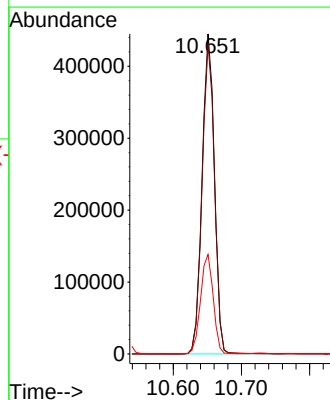
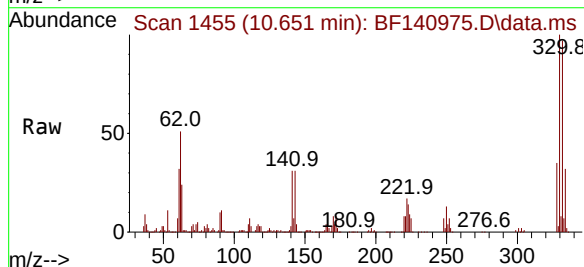
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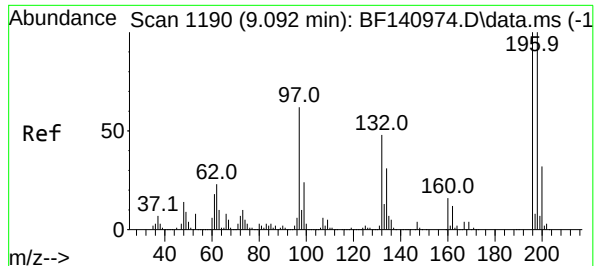
Reviewed By : Yogesh Patel 12/27/2024
Supervised By : mohammad ahmed 12/27/2024



#42
2,4,6-Tribromophenol
Concen: 101.660 ng
RT: 10.651 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Tgt Ion: 330 Resp: 561625
Ion Ratio Lower Upper
330 100
332 96.8 78.0 117.0
141 31.9 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 48.593 ng

RT: 9.092 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF140975.D

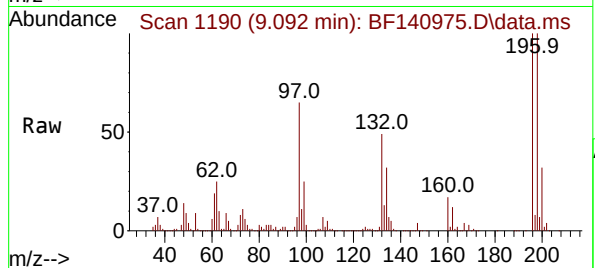
Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:196 Resp: 505859

Ion Ratio Lower Upper

196 100

198 100.0 80.2 120.4

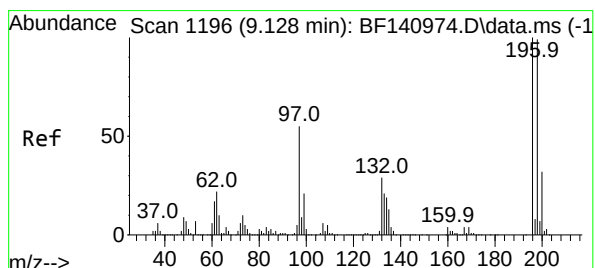
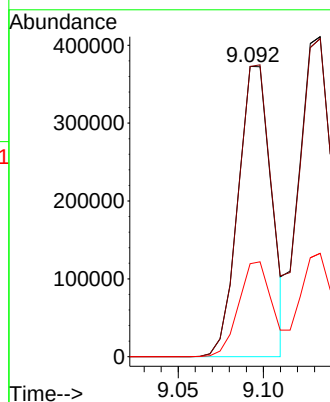
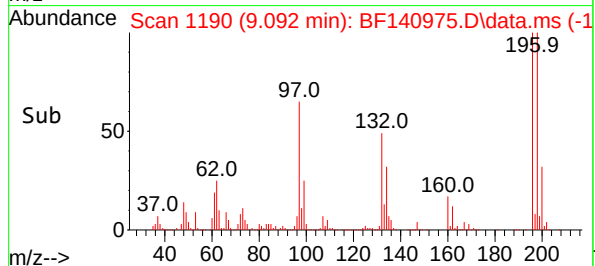
200 32.0 25.8 38.6

Manual Integrations

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Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#44

2,4,5-Trichlorophenol

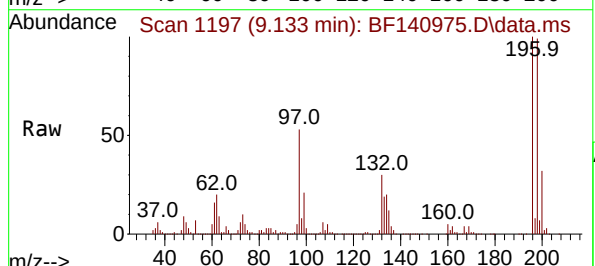
Concen: 51.514 ng

RT: 9.133 min Scan# 1197

Delta R.T. 0.006 min

Lab File: BF140975.D

Acq: 26 Dec 2024 18:33



Tgt Ion:196 Resp: 548701

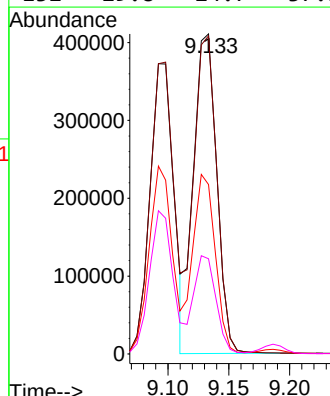
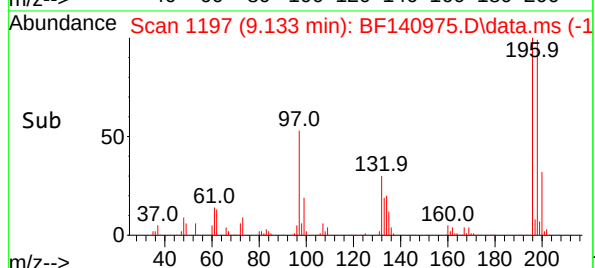
Ion Ratio Lower Upper

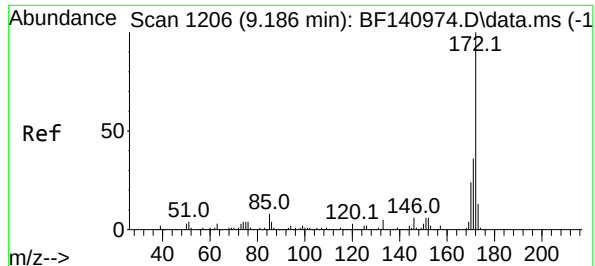
196 100

198 99.4 79.9 119.9

97 53.0 44.3 66.5

132 29.8 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 89.926 ng

RT: 9.186 min Scan# 1206

Delta R.T. -0.000 min

Lab File: BF140975.D

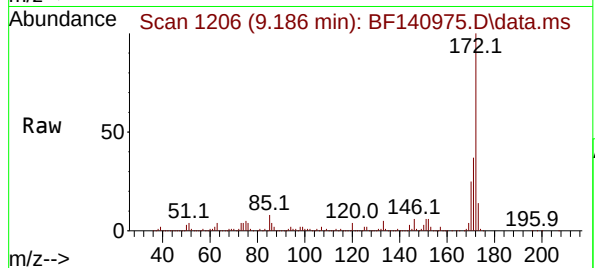
Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:172 Resp: 320898

Ion Ratio Lower Upper

172 100

171 36.8 29.0 43.4

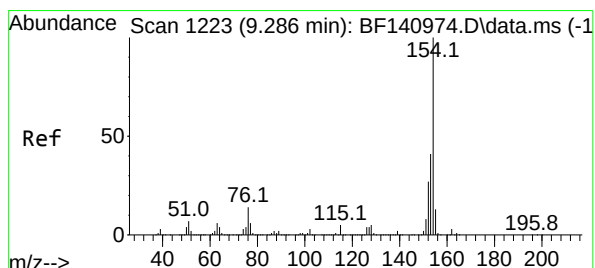
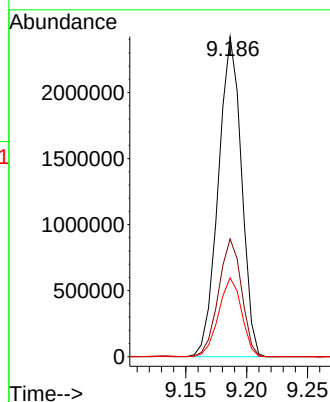
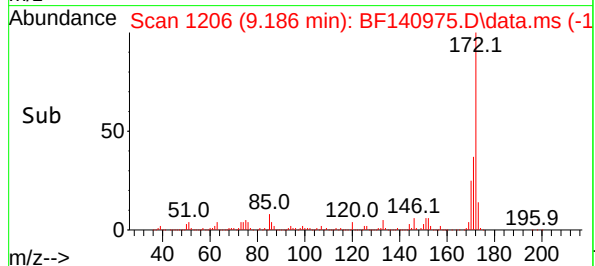
170 24.6 19.6 29.4

Manual Integrations

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Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#46

1,1'-Biphenyl

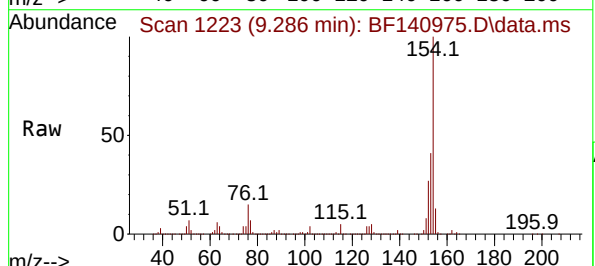
Concen: 46.398 ng

RT: 9.286 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF140975.D

Acq: 26 Dec 2024 18:33



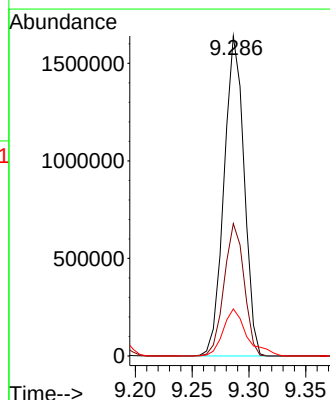
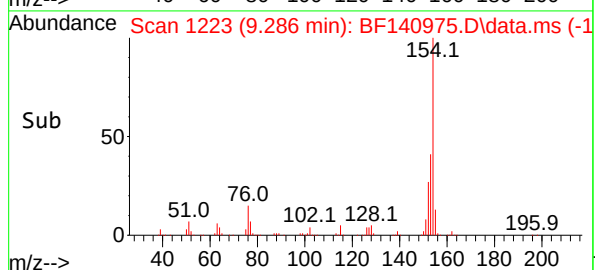
Tgt Ion:154 Resp: 2019837

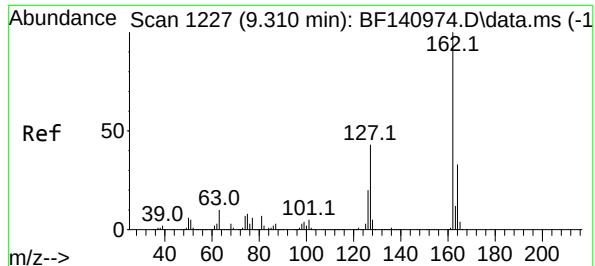
Ion Ratio Lower Upper

154 100

153 41.3 20.9 60.9

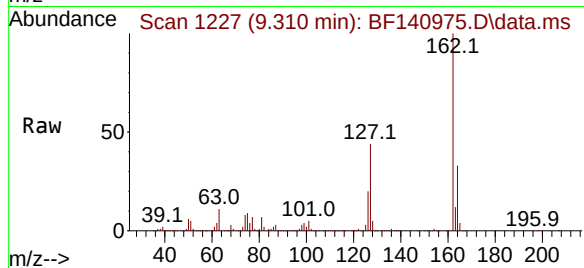
76 14.7 0.0 34.0





#47
2-Chloronaphthalene
Concen: 46.928 ng
RT: 9.310 min Scan# 1227
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

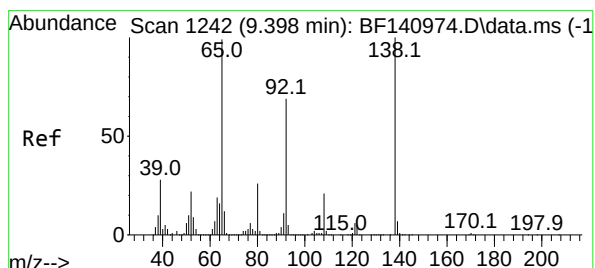
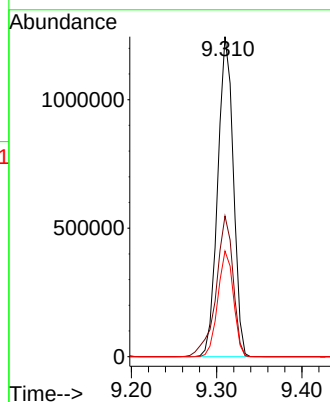
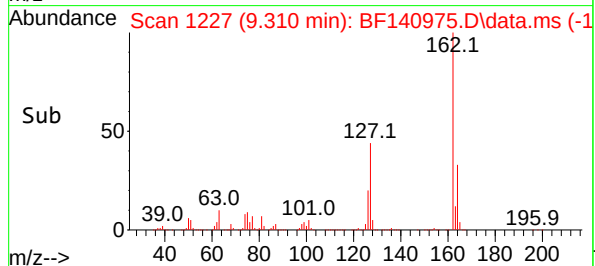
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:162 Resp: 158442
Ion Ratio Lower Upper
162 100
127 43.9 34.2 51.4
164 33.0 26.6 40.0

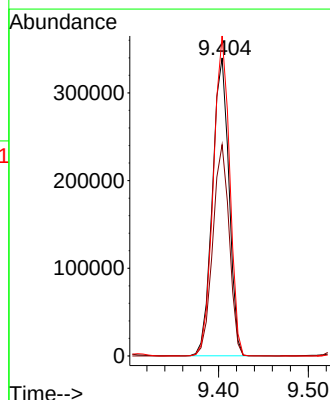
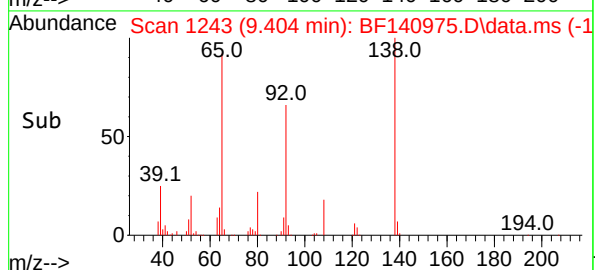
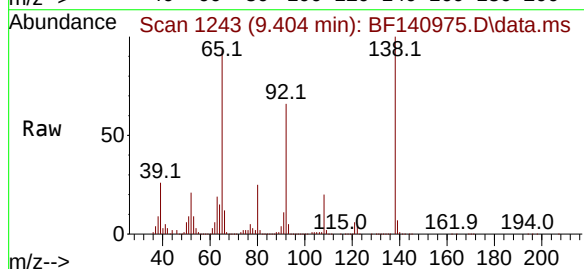
Manual Integrations
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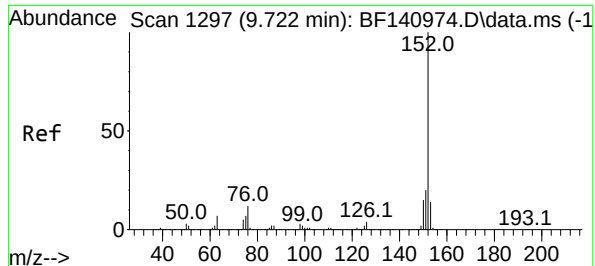
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#48
2-Nitroaniline
Concen: 49.051 ng
RT: 9.404 min Scan# 1243
Delta R.T. 0.006 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Tgt Ion: 65 Resp: 434235
Ion Ratio Lower Upper
65 100
92 70.9 55.6 83.4
138 107.4 80.5 120.7





#49

Acenaphthylene

Concen: 47.341 ng

RT: 9.727 min Scan# 11

Delta R.T. 0.005 min

Lab File: BF140975.D

Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:152 Resp: 2300924

Ion Ratio Lower Upper

152 100

151 20.8 16.2 24.4

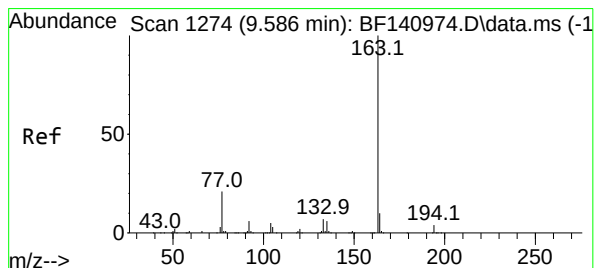
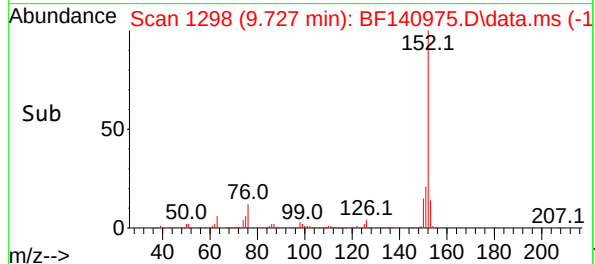
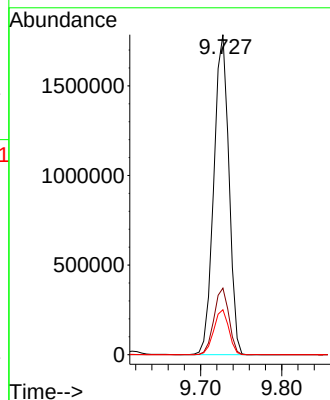
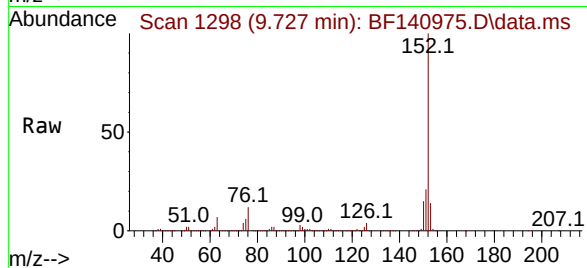
153 14.0 11.4 17.0

Manual Integrations

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Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#50

Dimethylphthalate

Concen: 47.363 ng

RT: 9.592 min Scan# 1275

Delta R.T. 0.006 min

Lab File: BF140975.D

Acq: 26 Dec 2024 18:33

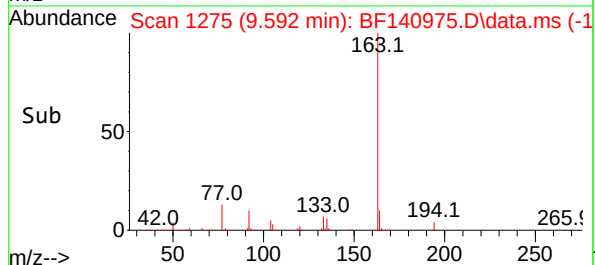
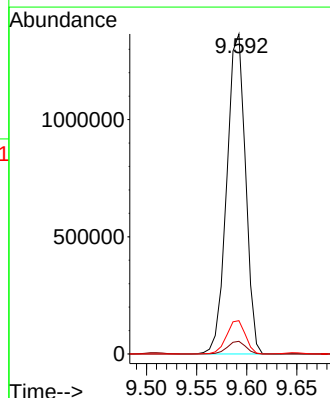
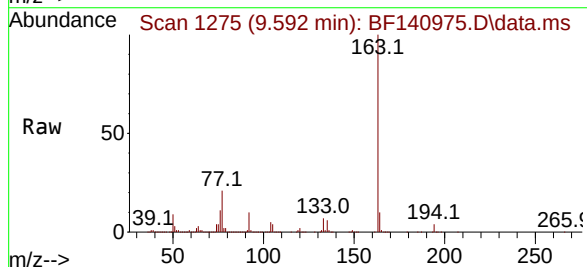
Tgt Ion:163 Resp: 1771217

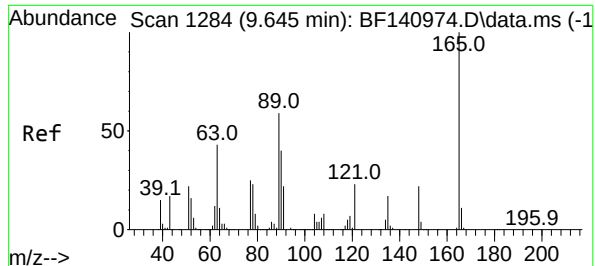
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

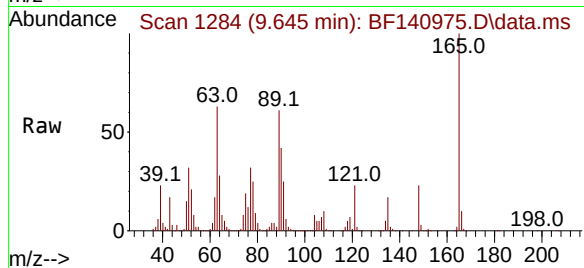
164 10.4 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 50.003 ng
RT: 9.645 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

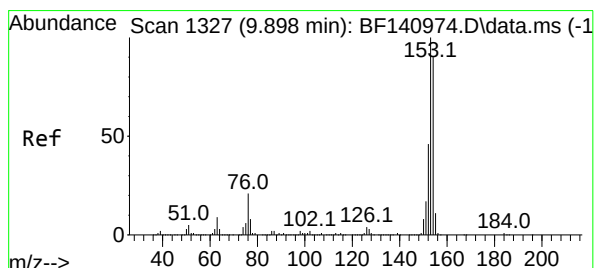
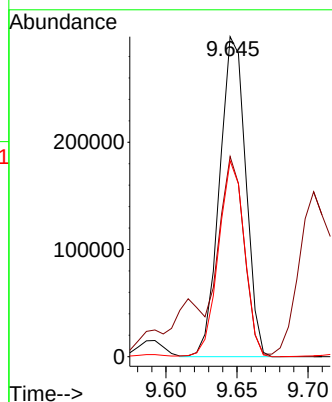
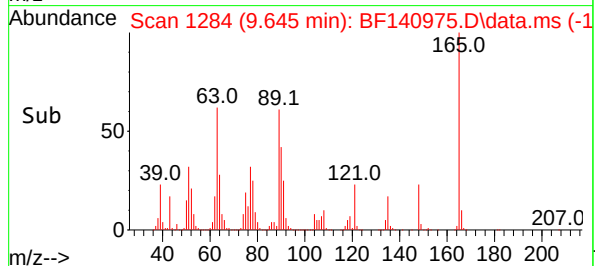
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



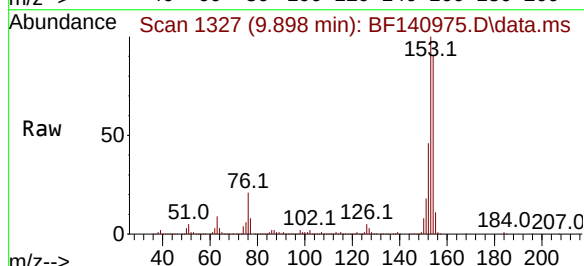
Tgt Ion:165 Resp: 382604
Ion Ratio Lower Upper
165 100
63 62.6 47.1 70.7
89 61.2 47.0 70.4

Manual Integrations
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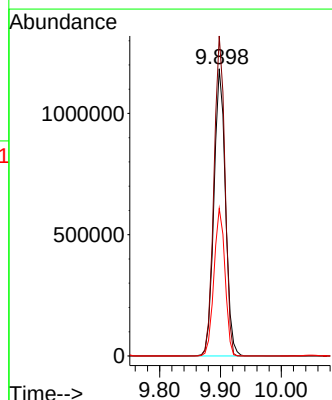
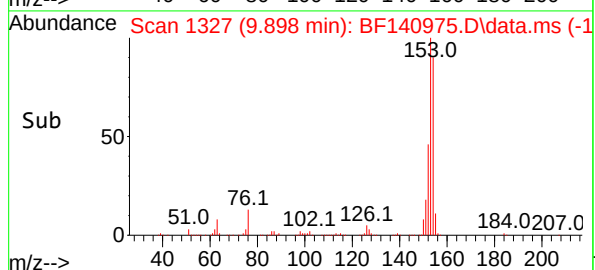
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

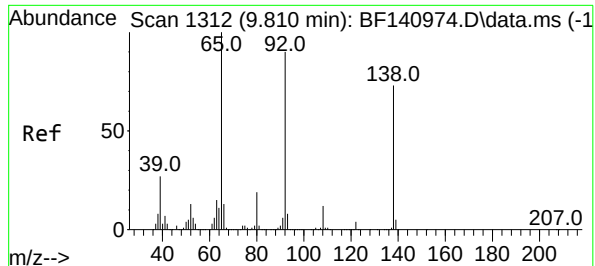


#52
Acenaphthene
Concen: 47.414 ng
RT: 9.898 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33



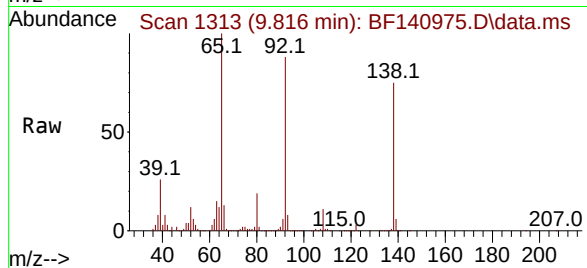
Tgt Ion:154 Resp: 1557911
Ion Ratio Lower Upper
154 100
153 111.4 89.2 133.8
152 51.4 40.9 61.3





#53
3-Nitroaniline
Concen: 49.386 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

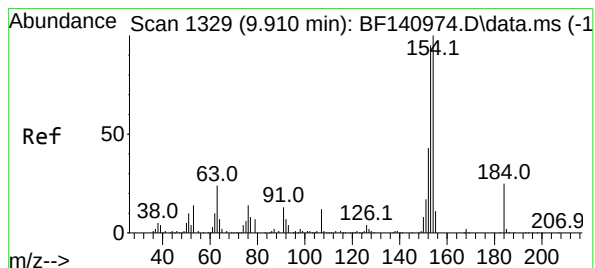
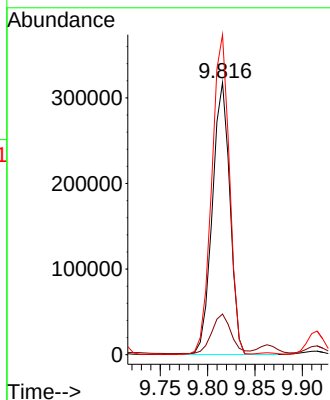
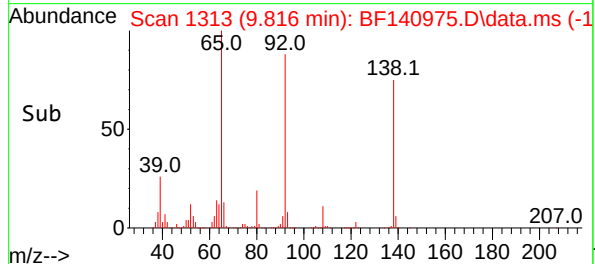
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:138 Resp: 41044
Ion Ratio Lower Upper
138 100
108 14.9 13.5 20.3
92 117.6 97.7 146.5

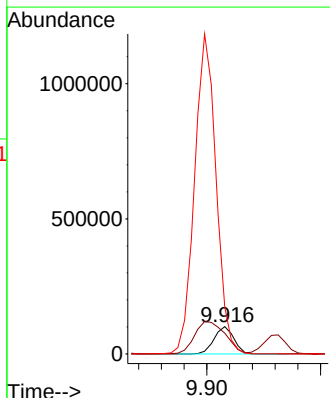
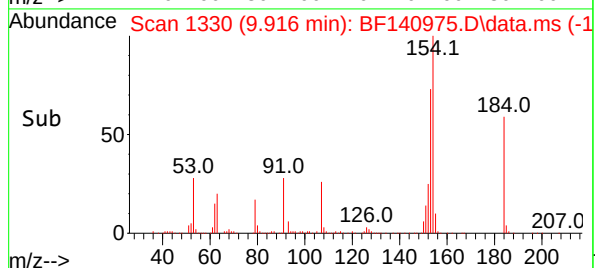
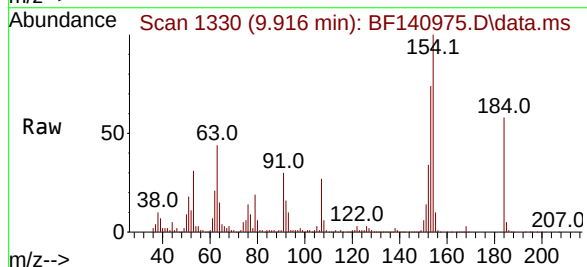
Manual Integrations
APPROVED

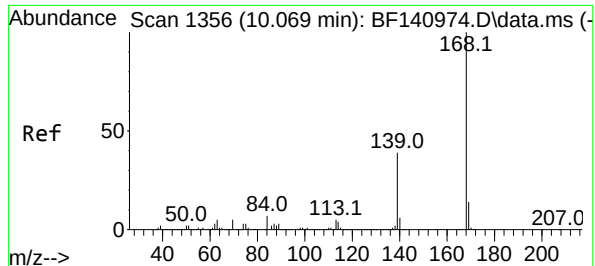
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#54
2,4-Dinitrophenol
Concen: 49.996 ng
RT: 9.916 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Tgt Ion:184 Resp: 121967
Ion Ratio Lower Upper
184 100
63 76.0 81.6 122.4#
154 171.1 363.5 545.3#





#55

Dibenzenofuran

Concen: 46.887 ng

RT: 10.069 min Scan# 1356

Delta R.T. -0.000 min

Lab File: BF140975.D

Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:168 Resp: 216507

Ion Ratio Lower Upper

168 100

139 39.8 31.6 47.4

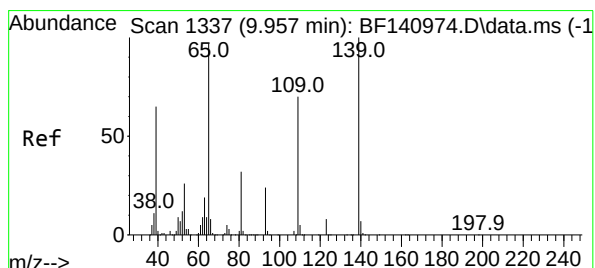
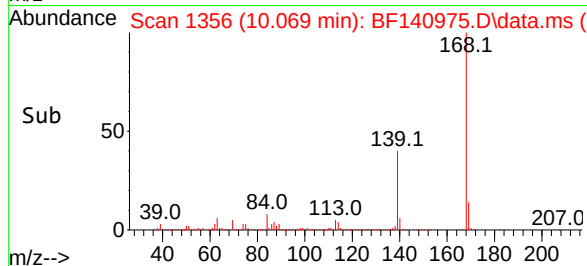
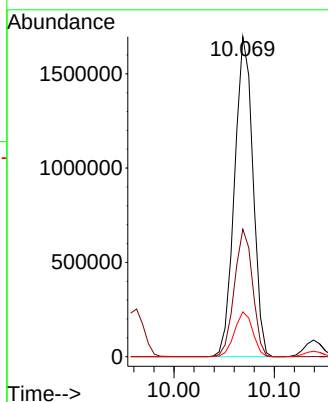
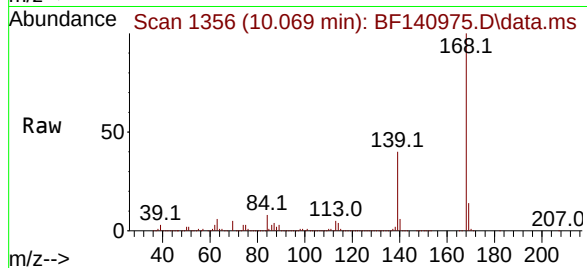
169 14.0 11.0 16.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#56

4-Nitrophenol

Concen: 52.728 ng

RT: 9.963 min Scan# 1338

Delta R.T. 0.006 min

Lab File: BF140975.D

Acq: 26 Dec 2024 18:33

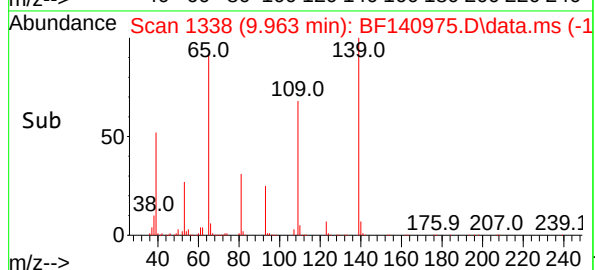
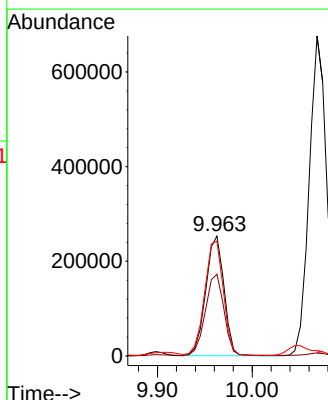
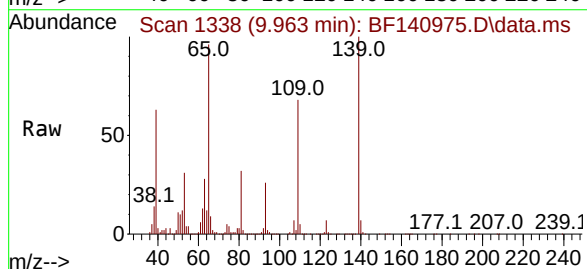
Tgt Ion:139 Resp: 337300

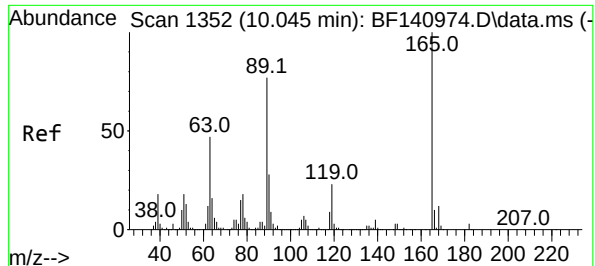
Ion Ratio Lower Upper

139 100

109 68.3 50.8 90.8

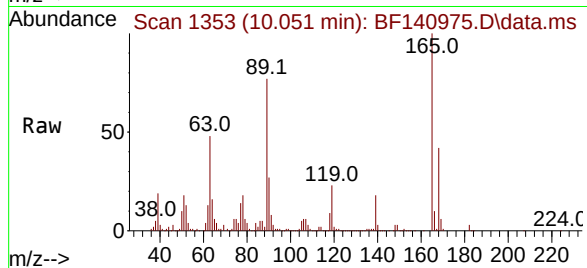
65 95.9 78.5 118.5





#57
2,4-Dinitrotoluene
Concen: 49.535 ng
RT: 10.051 min Scan# 1353
Delta R.T. 0.006 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

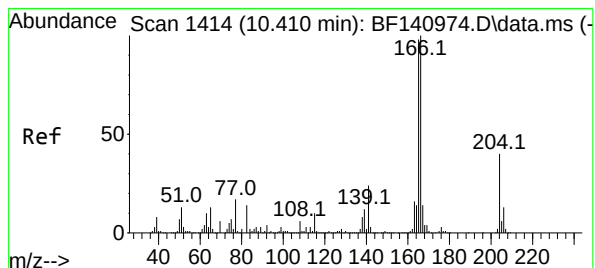
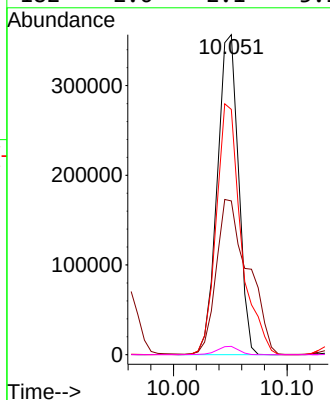
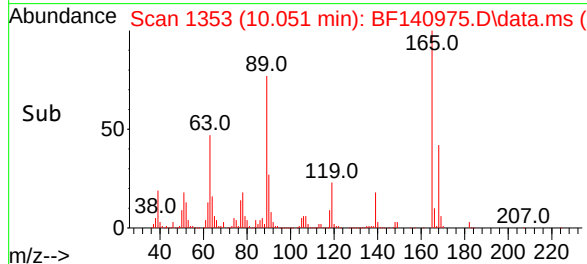
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:165 Resp: 463772
Ion Ratio Lower Upper
165 100
63 48.1 38.1 57.1
89 76.6 61.4 92.2
182 2.6 2.1 3.1

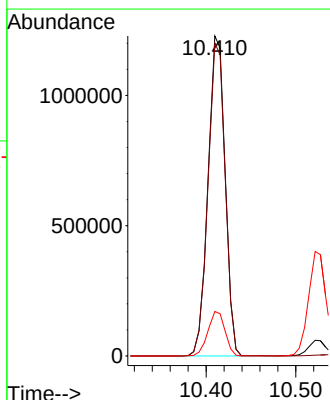
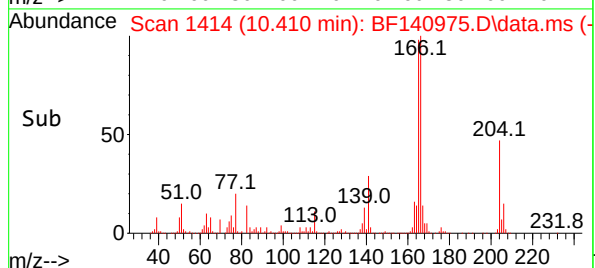
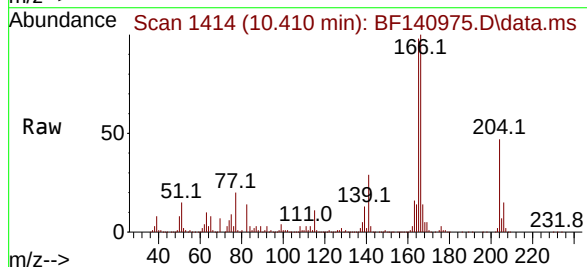
Manual Integrations
APPROVED

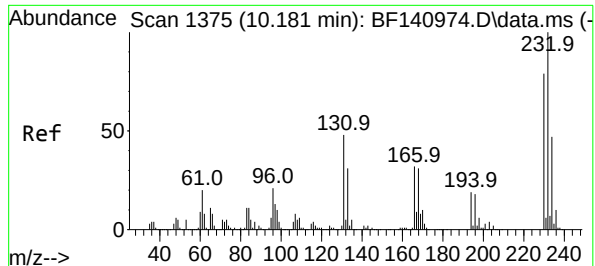
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#58
Fluorene
Concen: 45.492 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

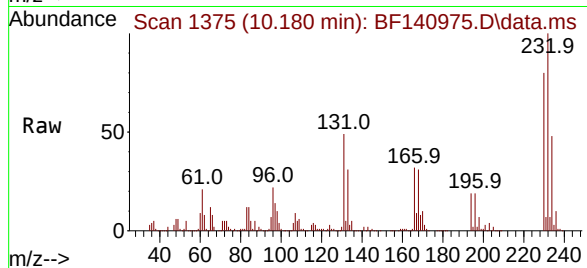
Tgt Ion:166 Resp: 1628964
Ion Ratio Lower Upper
166 100
165 97.8 78.3 117.5
167 13.9 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.455 ng
RT: 10.180 min Scan# 1375
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

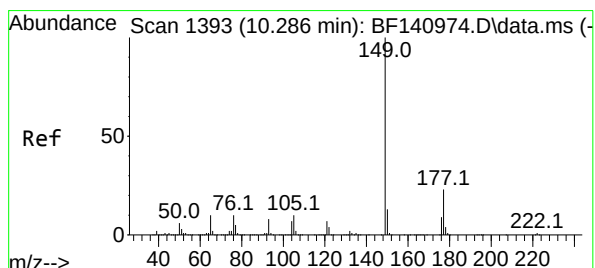
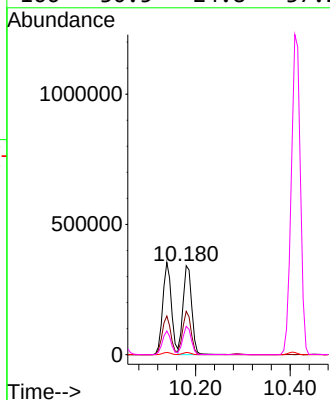
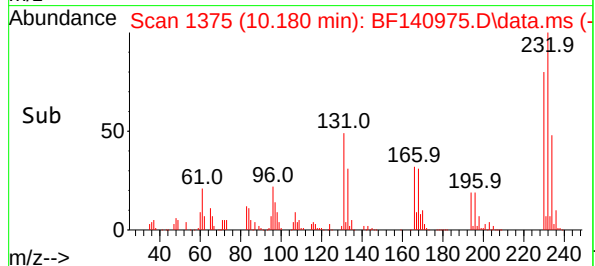
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:232 Resp: 436271
Ion Ratio Lower Upper
232 100
131 46.9 37.4 56.2
130 2.3 1.8 2.8
166 30.5 24.8 37.2

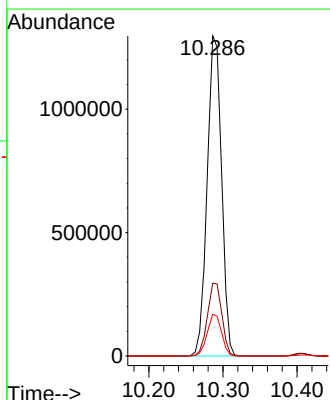
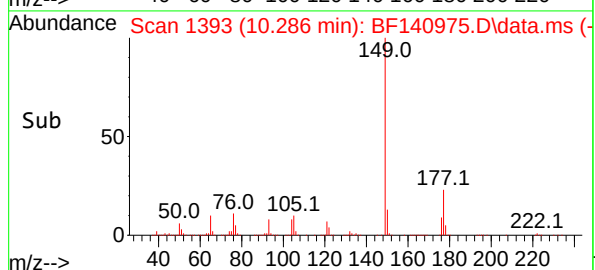
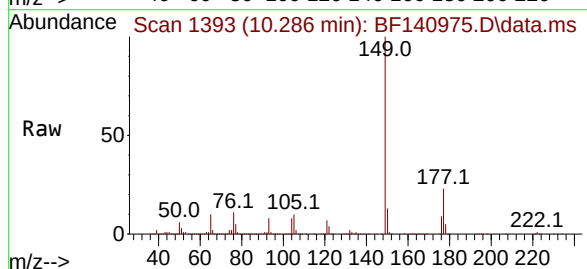
Manual Integrations
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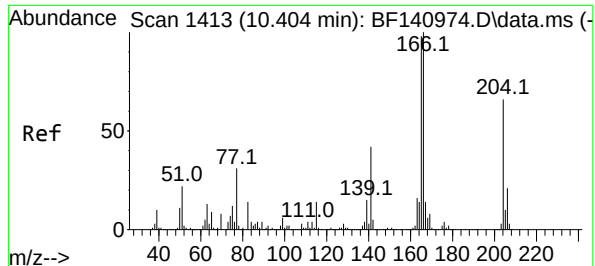
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#60
Diethylphthalate
Concen: 47.359 ng
RT: 10.286 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

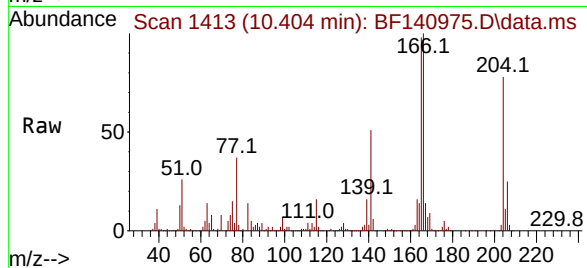
Tgt Ion:149 Resp: 1748454
Ion Ratio Lower Upper
149 100
177 22.7 18.3 27.5
150 13.0 10.4 15.6





#61
4-Chlorophenyl-phenylether
Concen: 46.203 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

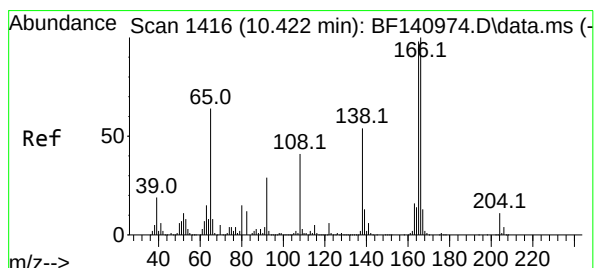
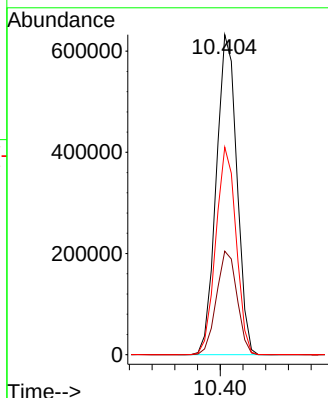
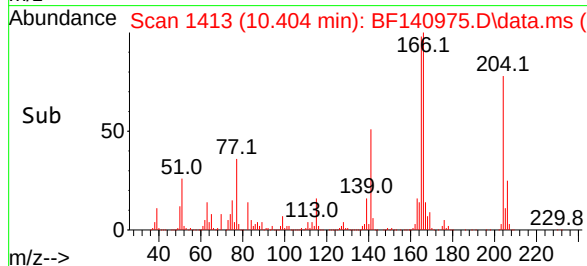
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



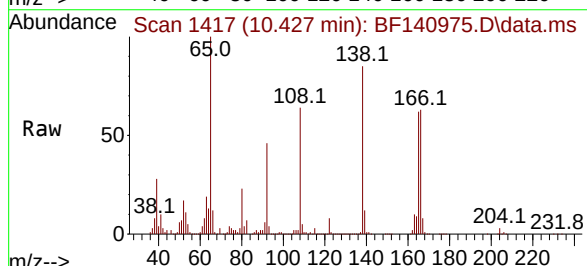
Tgt Ion:204 Resp: 796072
Ion Ratio Lower Upper
204 100
206 32.4 25.8 38.6
141 64.9 51.2 76.8

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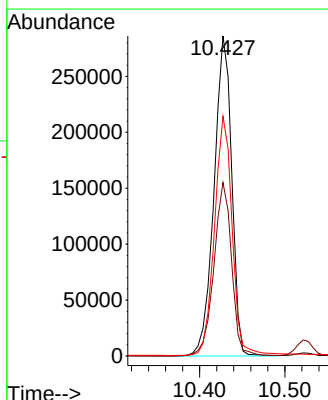
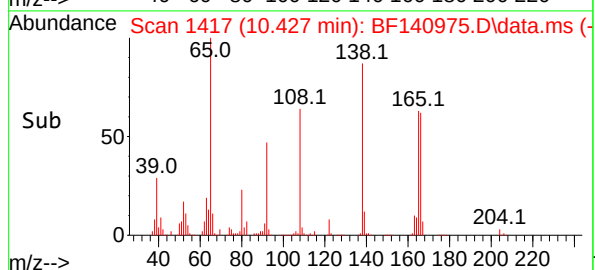
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

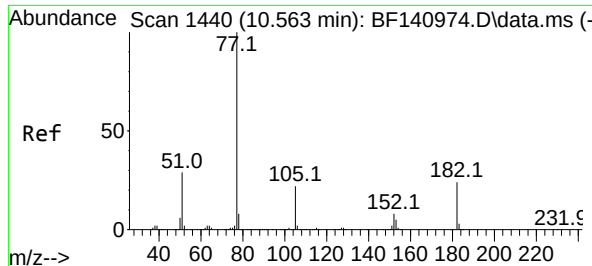


#62
4-Nitroaniline
Concen: 49.614 ng
RT: 10.427 min Scan# 1417
Delta R.T. 0.005 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33



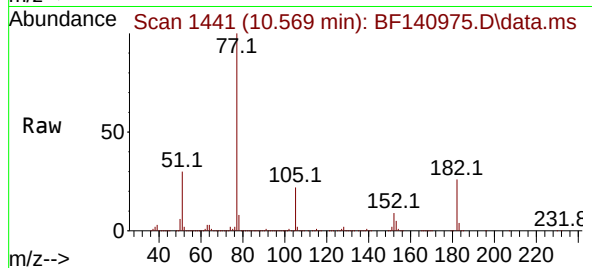
Tgt Ion:138 Resp: 412091
Ion Ratio Lower Upper
138 100
92 54.2 34.8 74.8
108 74.9 55.9 95.9





#63
Azobenzene
Concen: 47.507 ng
RT: 10.569 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

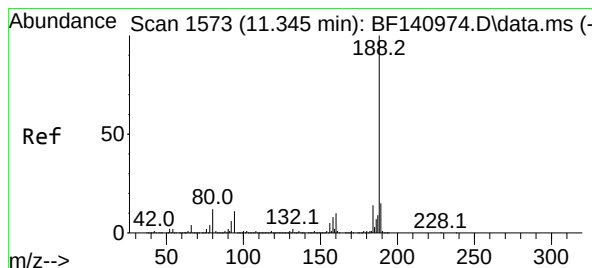
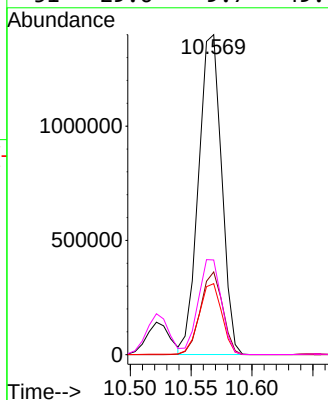
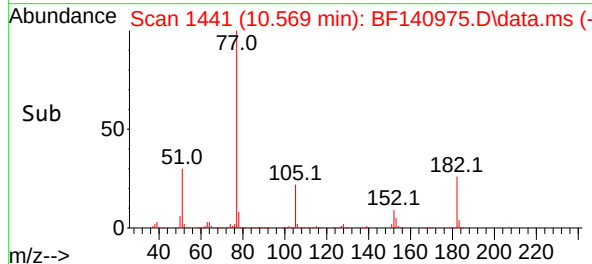
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion: 77 Resp: 1840940
Ion Ratio Lower Upper
77 100
182 25.9 4.1 44.1
105 22.2 1.8 41.8
51 29.6 9.7 49.7

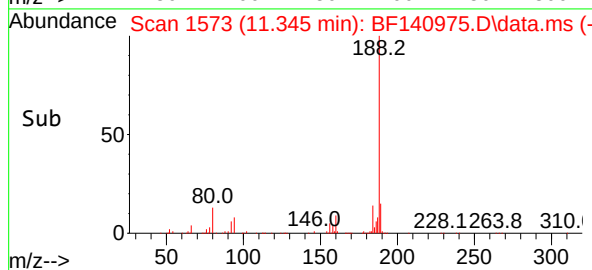
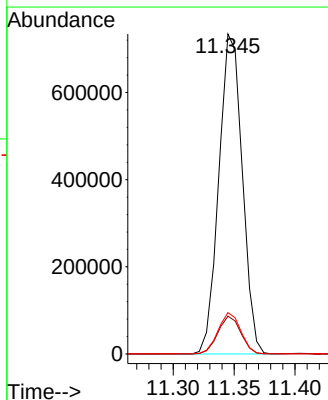
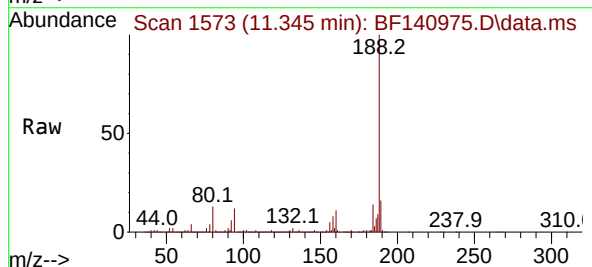
Manual Integrations
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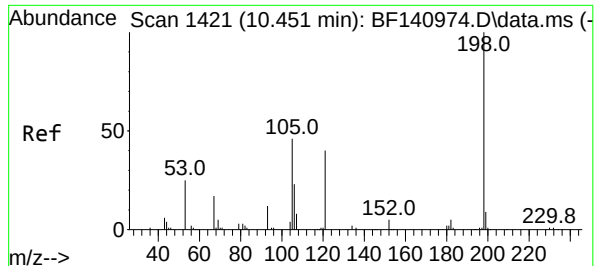
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Tgt Ion:188 Resp: 984477
Ion Ratio Lower Upper
188 100
94 11.8 9.0 13.6
80 12.9 9.8 14.6





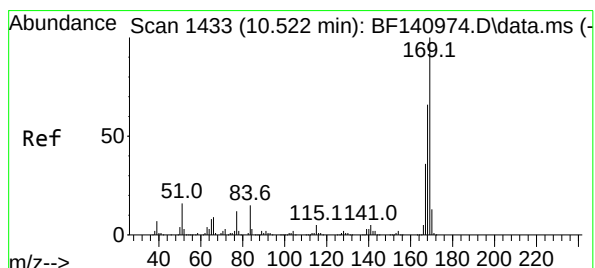
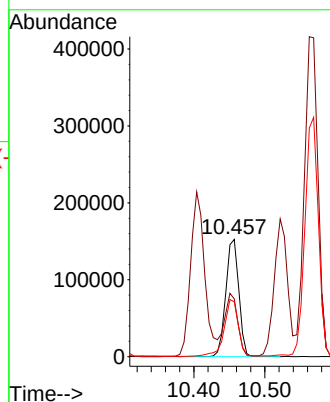
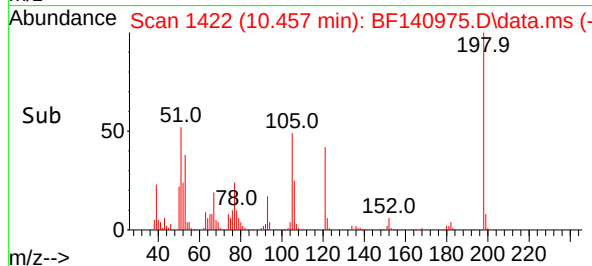
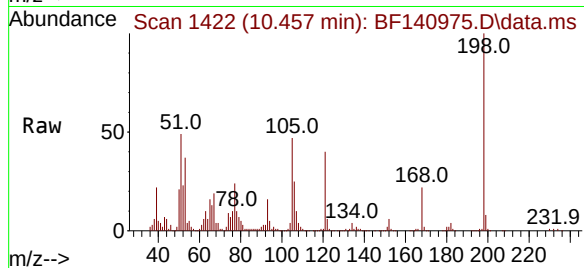
#65
4,6-Dinitro-2-methylphenol
Concen: 48.976 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:198 Resp: 193168
Ion Ratio Lower Upper
198 100
51 49.3 32.3 72.3
105 46.8 28.4 68.4

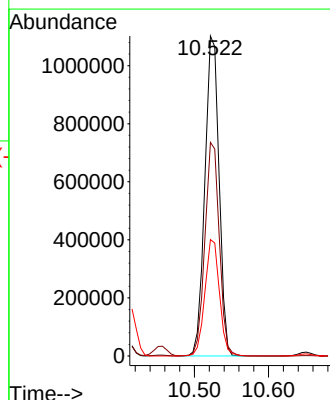
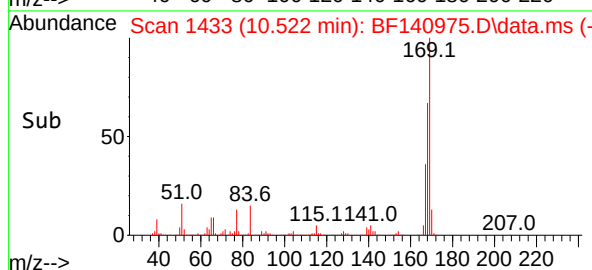
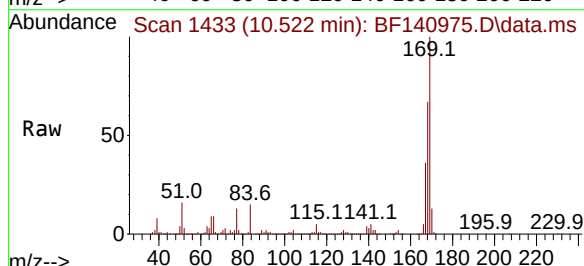
Manual Integrations
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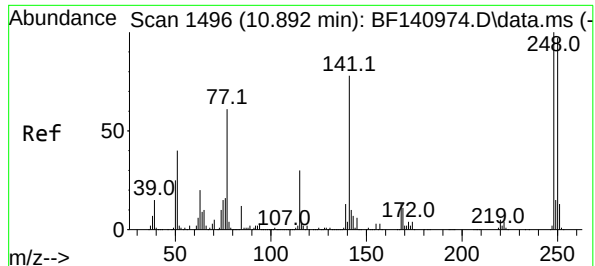
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#66
n-Nitrosodiphenylamine
Concen: 47.193 ng
RT: 10.522 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

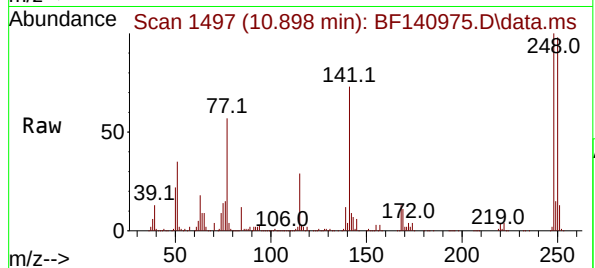
Tgt Ion:169 Resp: 1463039
Ion Ratio Lower Upper
169 100
168 66.8 52.6 79.0
167 36.4 29.0 43.4





#67
4-Bromophenyl-phenylether
Concen: 48.981 ng
RT: 10.898 min Scan# 1497
Delta R.T. 0.006 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

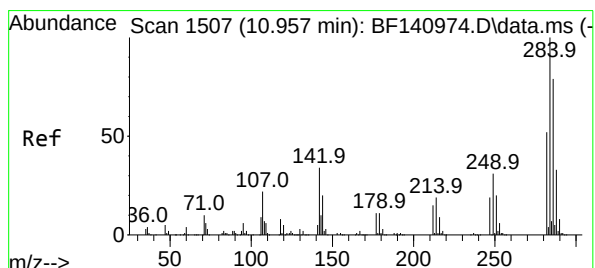
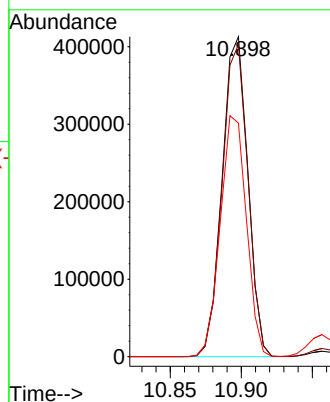
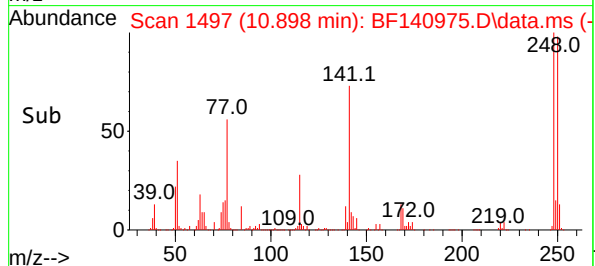
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:248 Resp: 521270
Ion Ratio Lower Upper
248 100
250 97.6 77.7 116.5
141 73.0 62.1 93.1

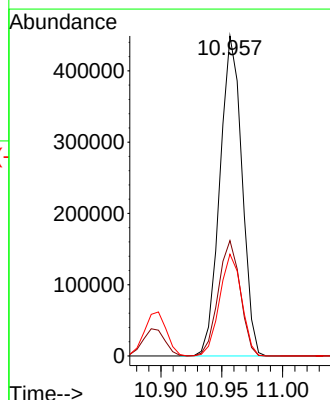
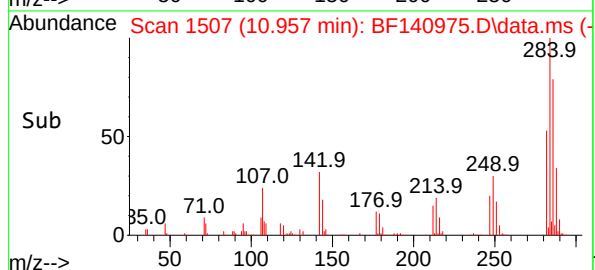
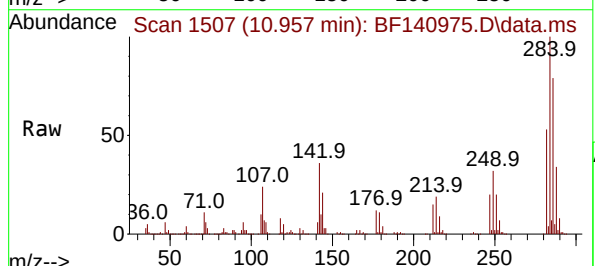
Manual Integrations
APPROVED

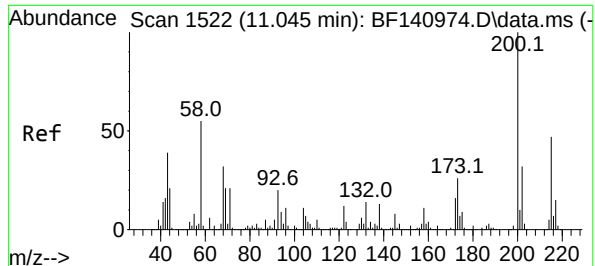
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#68
Hexachlorobenzene
Concen: 48.368 ng
RT: 10.957 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Tgt Ion:284 Resp: 567592
Ion Ratio Lower Upper
284 100
142 36.0 27.1 40.7
249 31.8 25.1 37.7





#69

Atrazine

Concen: 41.889 ng

RT: 11.051 min Scan# 1523

Delta R.T. 0.006 min

Lab File: BF140975.D

Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:200 Resp: 362780

Ion Ratio Lower Upper

200 100

173 26.7 6.4 46.4

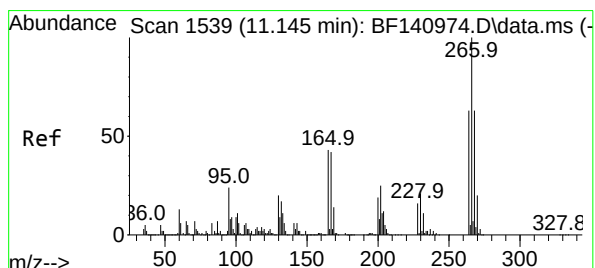
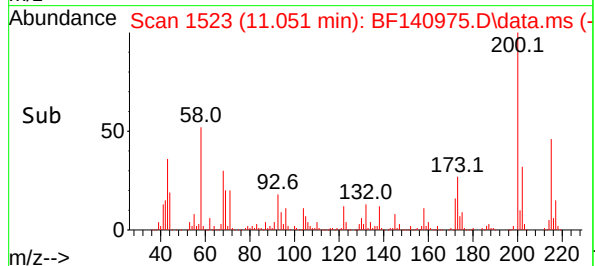
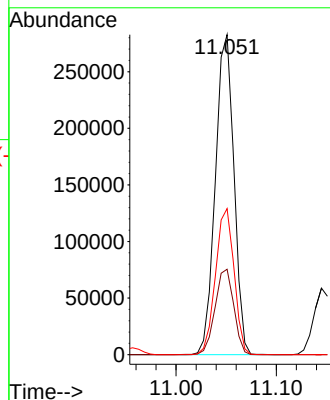
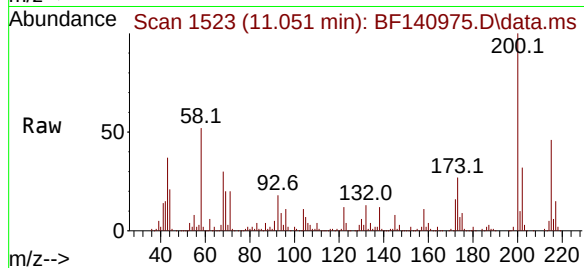
215 45.6 27.2 67.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#70

Pentachlorophenol

Concen: 52.476 ng

RT: 11.145 min Scan# 1539

Delta R.T. -0.000 min

Lab File: BF140975.D

Acq: 26 Dec 2024 18:33

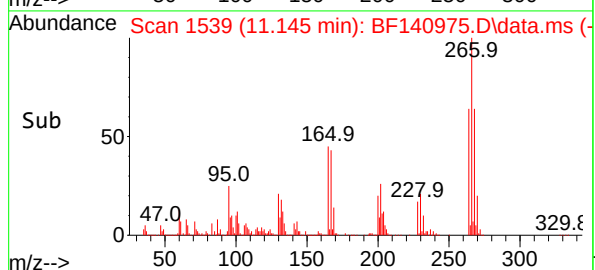
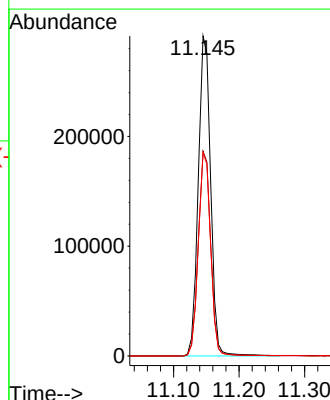
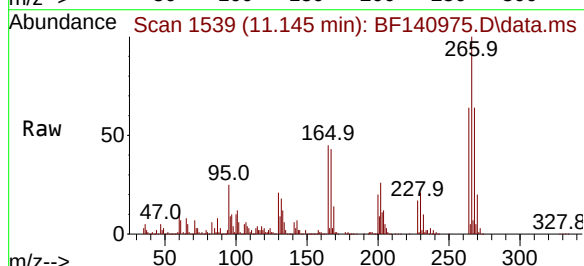
Tgt Ion:266 Resp: 383398

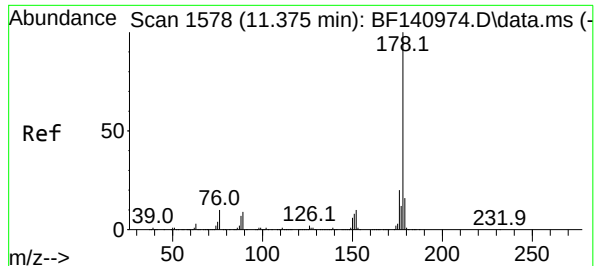
Ion Ratio Lower Upper

266 100

268 64.0 50.5 75.7

264 63.6 50.2 75.4





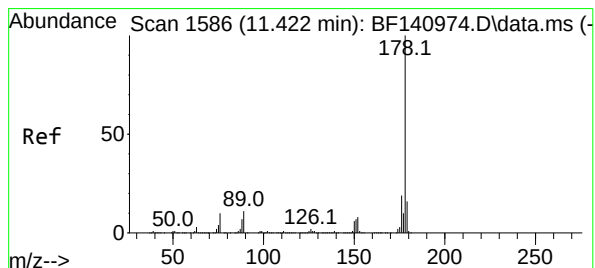
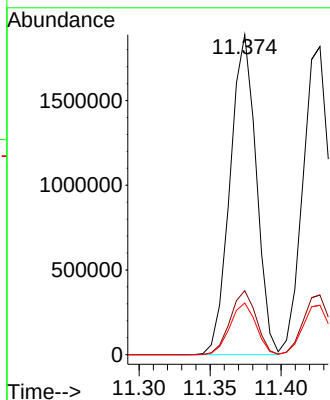
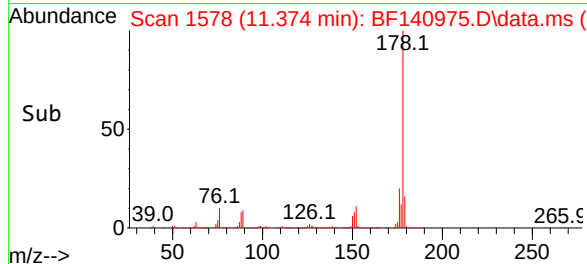
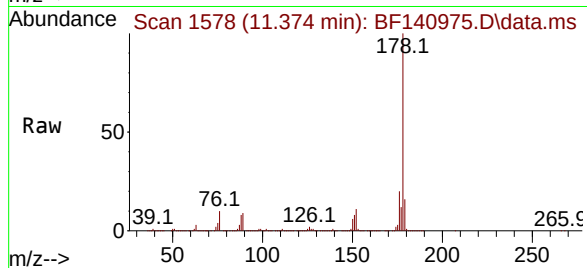
#71
Phenanthrene
Concen: 46.658 ng
RT: 11.374 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:178 Resp: 2417558
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.6
179 16.2 12.6 19.0

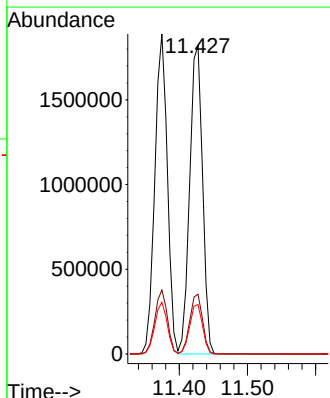
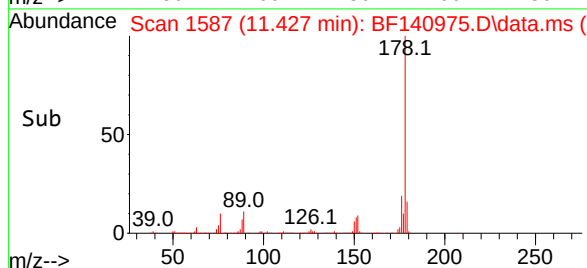
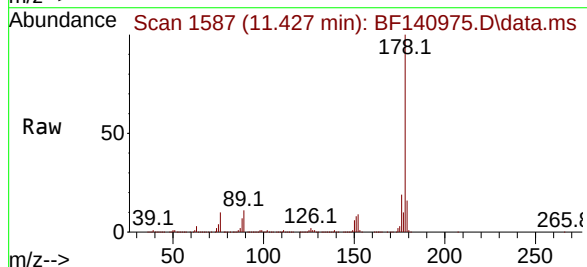
Manual Integrations
APPROVED

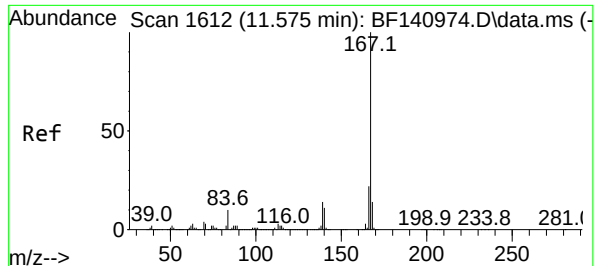
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#72
Anthracene
Concen: 46.682 ng
RT: 11.427 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

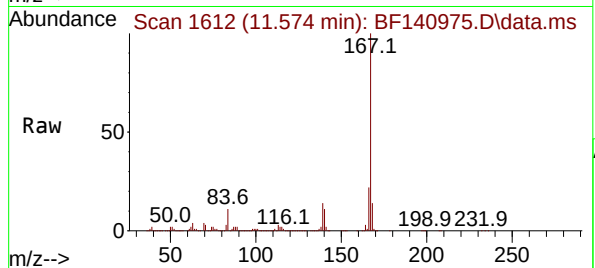
Tgt Ion:178 Resp: 2370103
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 16.0 12.9 19.3





#73
Carbazole
Concen: 46.552 ng
RT: 11.574 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

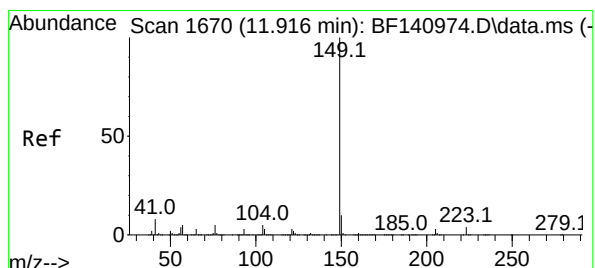
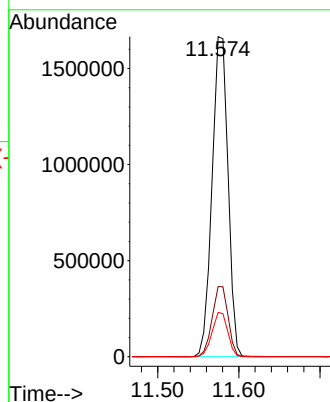
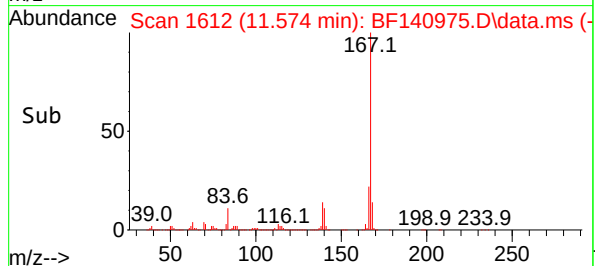
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:167 Resp: 2272070
Ion Ratio Lower Upper
167 100
166 21.9 17.5 26.3
139 13.8 11.0 16.4

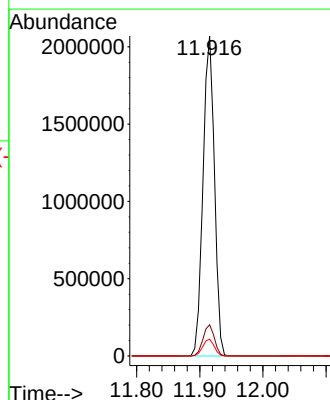
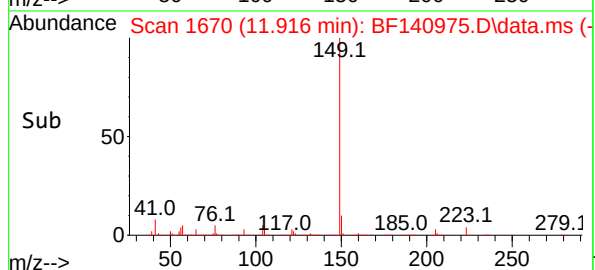
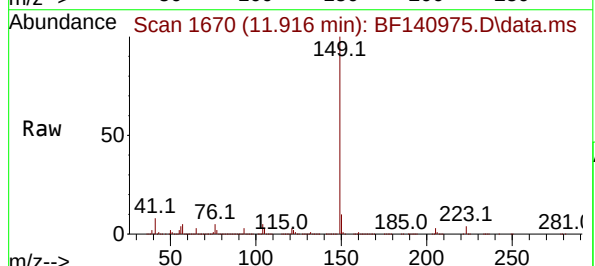
Manual Integrations
APPROVED

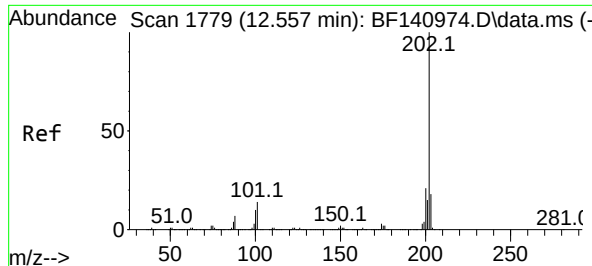
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#74
Di-n-butylphthalate
Concen: 46.746 ng
RT: 11.916 min Scan# 1670
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

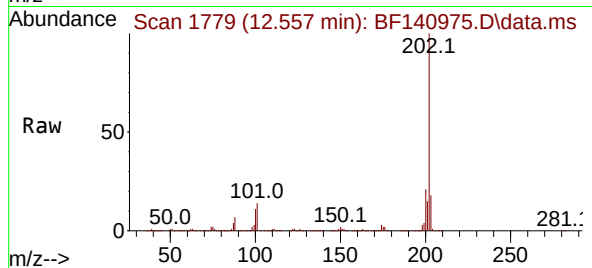
Tgt Ion:149 Resp: 2595020
Ion Ratio Lower Upper
149 100
150 9.7 7.7 11.5
104 5.3 4.1 6.1





#75
Fluoranthene
Concen: 45.972 ng
RT: 12.557 min Scan# 1779
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

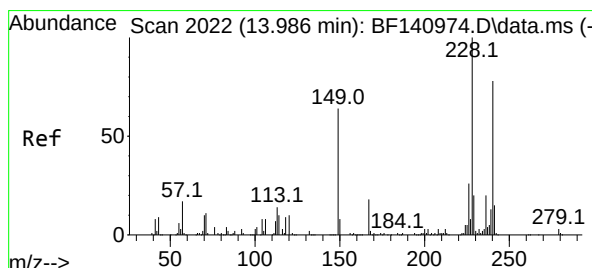
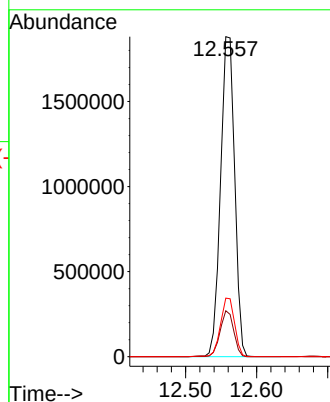
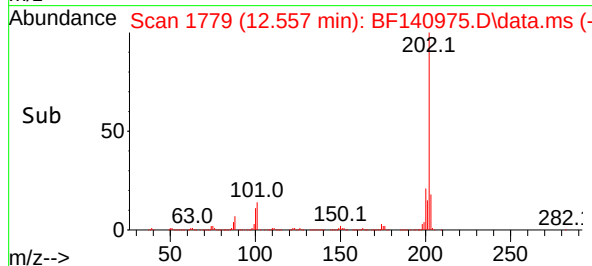
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:202 Resp: 2583438
Ion Ratio Lower Upper
202 100
101 14.3 0.0 33.7
203 18.3 0.0 38.1

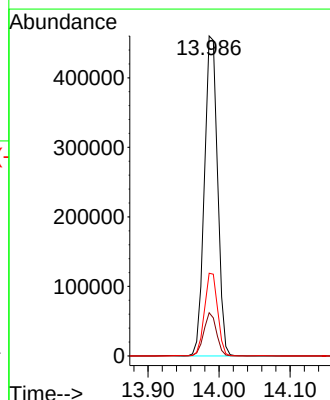
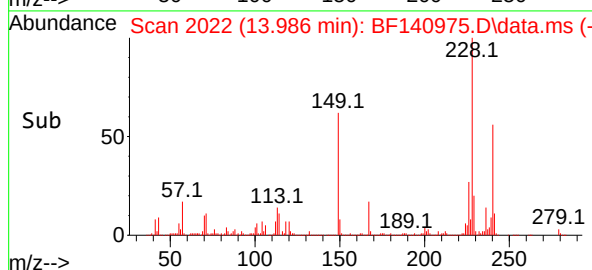
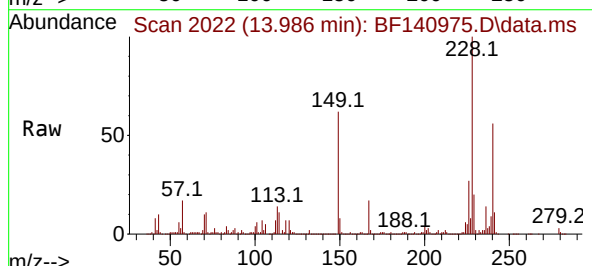
Manual Integrations
APPROVED

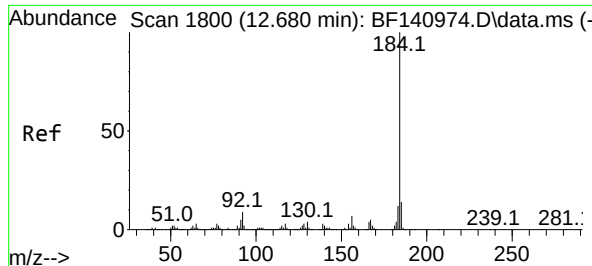
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

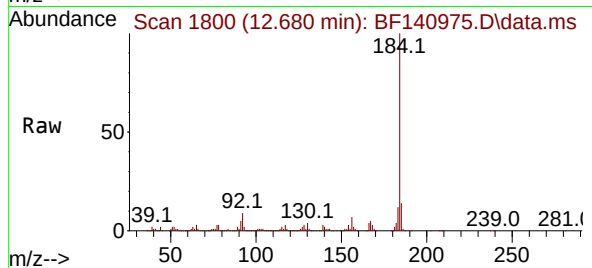
Tgt Ion:240 Resp: 594739
Ion Ratio Lower Upper
240 100
120 13.5 10.7 16.1
236 25.8 20.6 31.0





#77
Benzidine
Concen: 51.801 ng
RT: 12.680 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

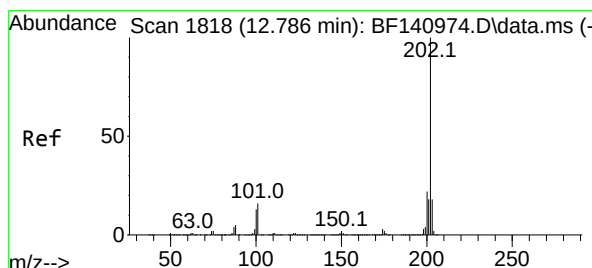
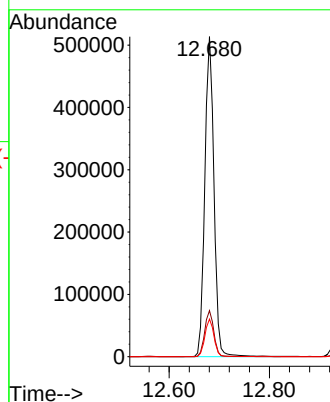
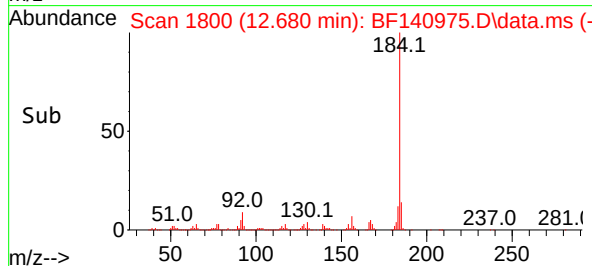
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:184 Resp: 65109
Ion Ratio Lower Upper
184 100
185 14.4 11.4 17.2
183 11.8 9.4 14.0

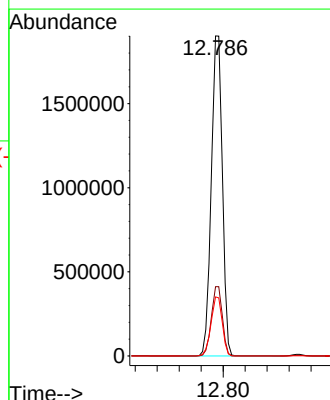
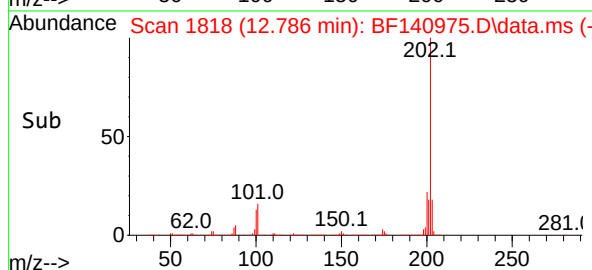
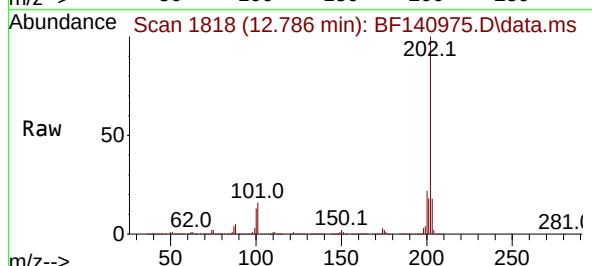
Manual Integrations
APPROVED

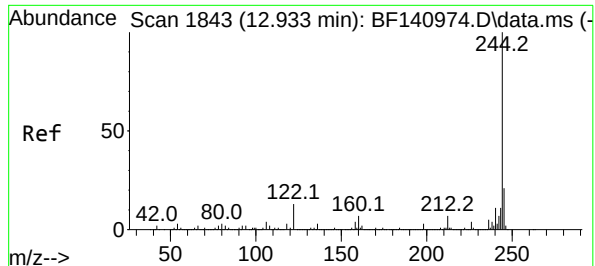
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#78
Pyrene
Concen: 50.973 ng
RT: 12.786 min Scan# 1818
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Tgt Ion:202 Resp: 2651339
Ion Ratio Lower Upper
202 100
200 21.6 17.3 25.9
203 18.5 14.6 21.8





#79

Terphenyl-d14

Concen: 99.194 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.006 min

Lab File: BF140975.D

Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:244 Resp: 3551774

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

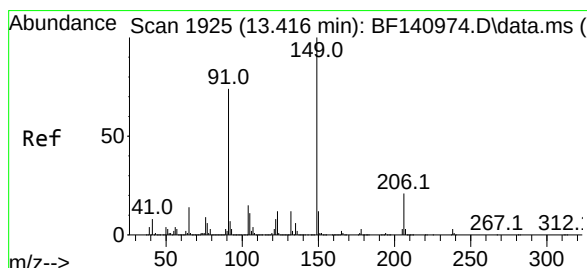
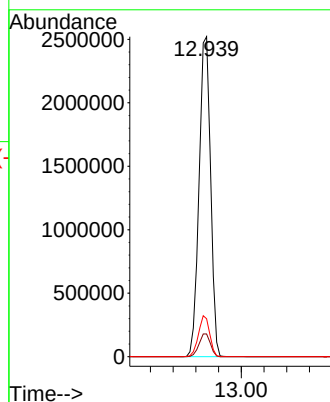
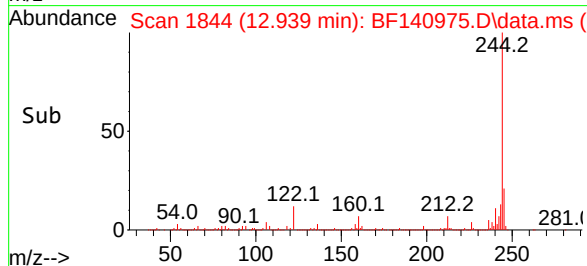
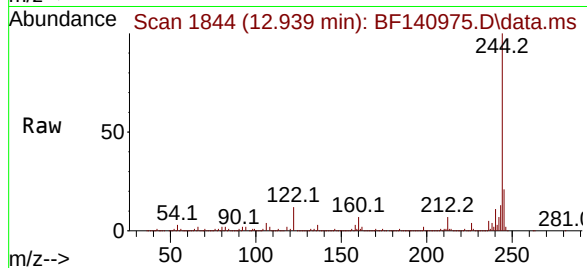
122 11.9 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#80

Butylbenzylphthalate

Concen: 53.519 ng

RT: 13.415 min Scan# 1925

Delta R.T. -0.000 min

Lab File: BF140975.D

Acq: 26 Dec 2024 18:33

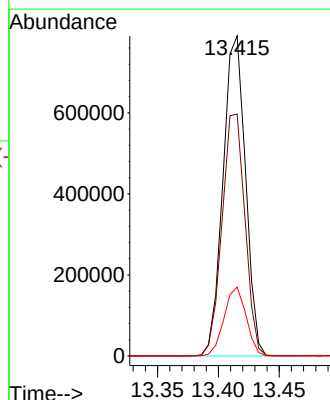
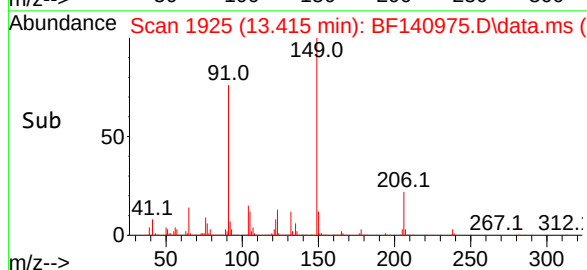
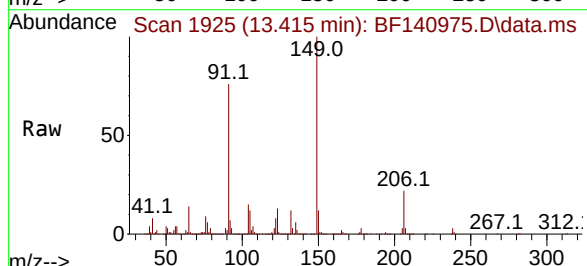
Tgt Ion:149 Resp: 1016502

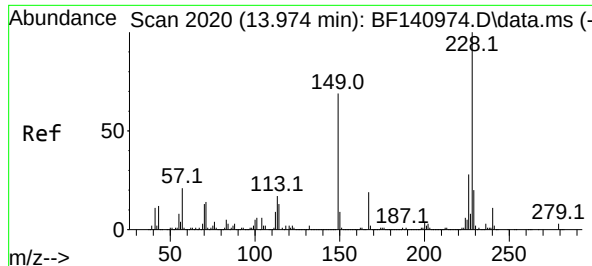
Ion Ratio Lower Upper

149 100

91 75.6 59.5 89.3

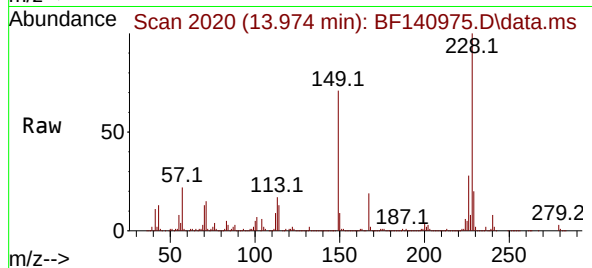
206 21.5 17.1 25.7





#81
Benzo(a)anthracene
Concen: 48.052 ng
RT: 13.974 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

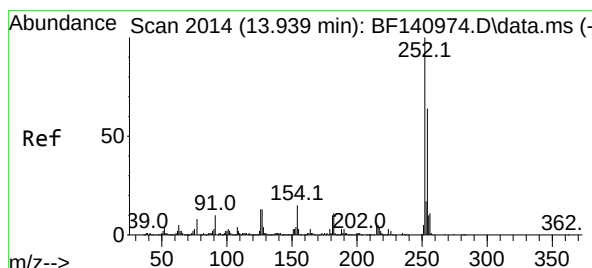
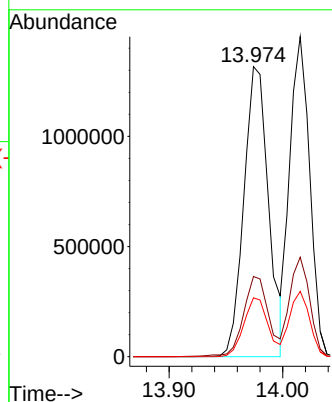
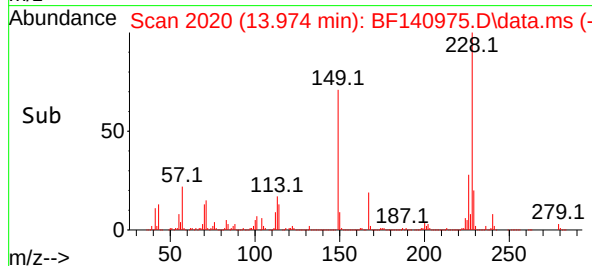
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:228 Resp: 1991732
Ion Ratio Lower Upper
228 100
226 27.7 22.1 33.1
229 20.3 16.2 24.2

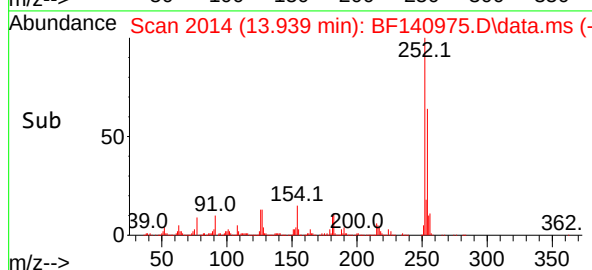
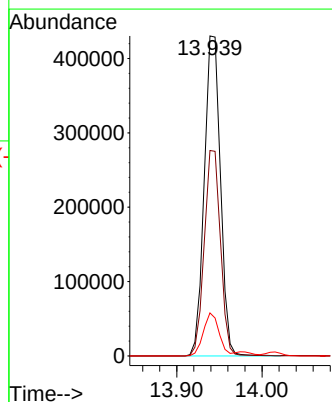
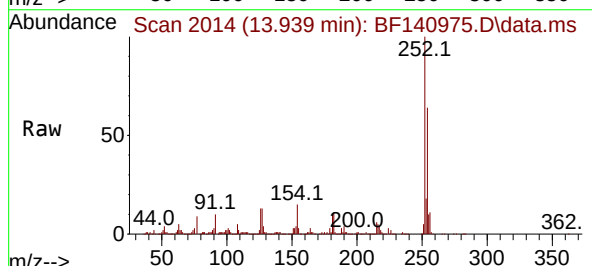
Manual Integrations
APPROVED

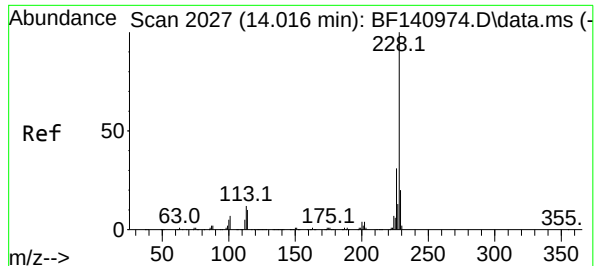
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#82
3,3'-Dichlorobenzidine
Concen: 45.655 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

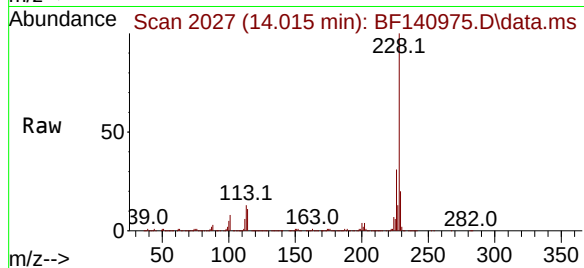
Tgt Ion:252 Resp: 568561
Ion Ratio Lower Upper
252 100
254 64.2 51.5 77.3
126 13.4 10.3 15.5





#83
Chrysene
Concen: 47.501 ng
RT: 14.015 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

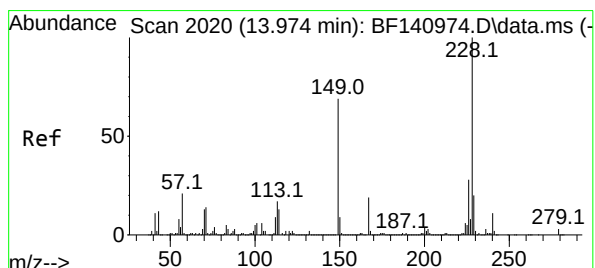
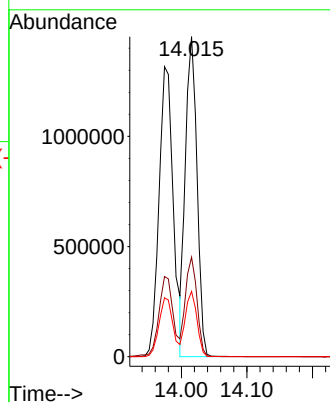
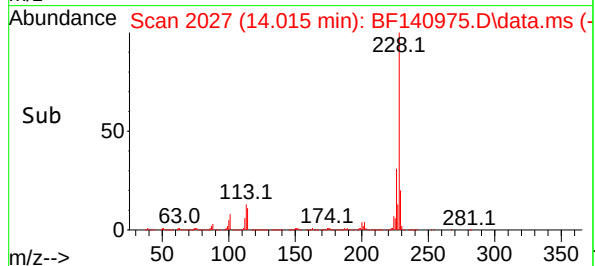
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:228 Resp: 177490
Ion Ratio Lower Upper
228 100
226 31.1 24.5 36.7
229 20.4 16.2 24.4

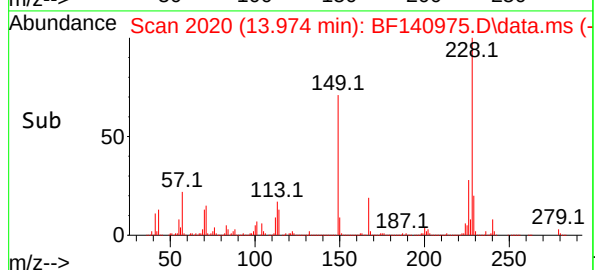
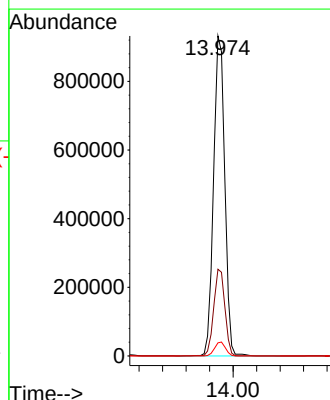
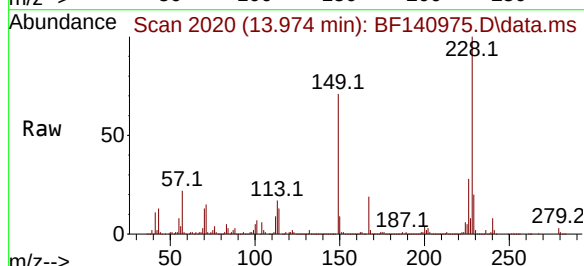
Manual Integrations
APPROVED

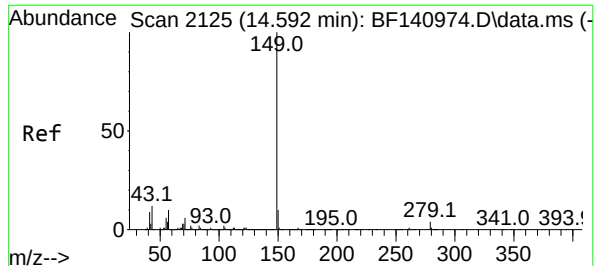
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.929 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

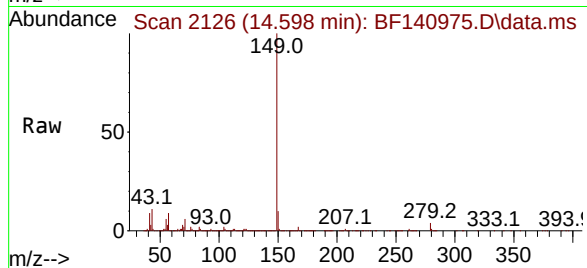
Tgt Ion:149 Resp: 1230112
Ion Ratio Lower Upper
149 100
167 27.1 21.6 32.4
279 4.1 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 48.803 ng
RT: 14.598 min Scan# 2125
Delta R.T. 0.006 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

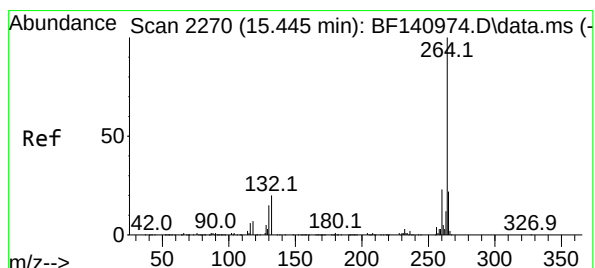
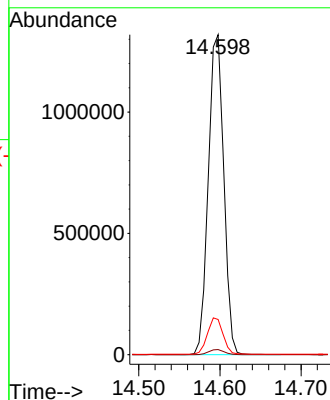
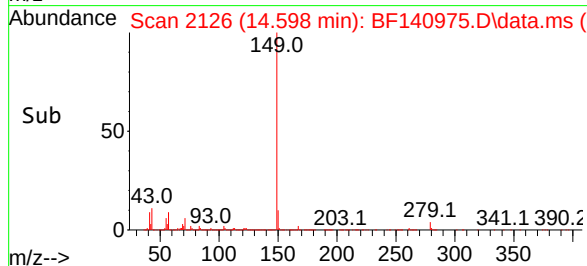
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:149 Resp: 1740215
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 11.4 9.3 13.9

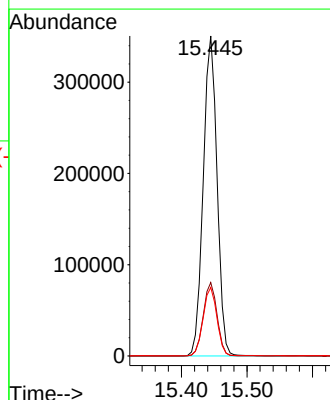
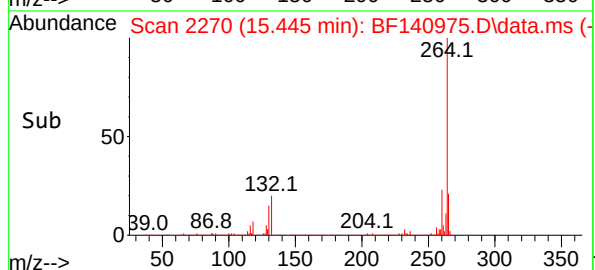
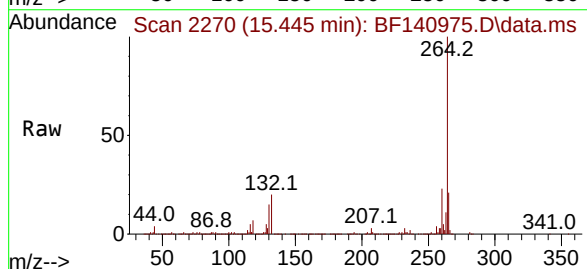
Manual Integrations
APPROVED

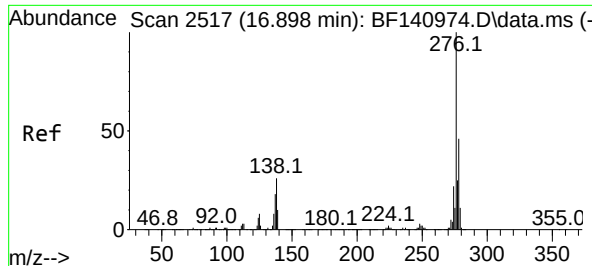
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2270
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Tgt Ion:264 Resp: 515270
Ion Ratio Lower Upper
264 100
260 23.0 18.7 28.1
265 21.4 17.4 26.2





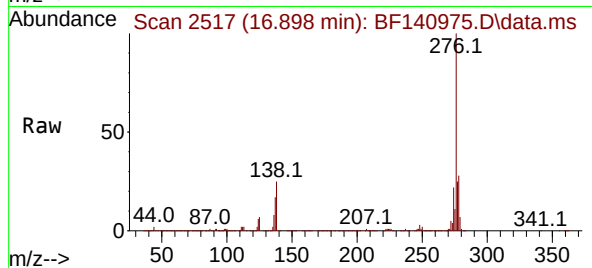
#87
Indeno(1,2,3-cd)pyrene
Concen: 55.447 ng
RT: 16.898 min Scan# 2197
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

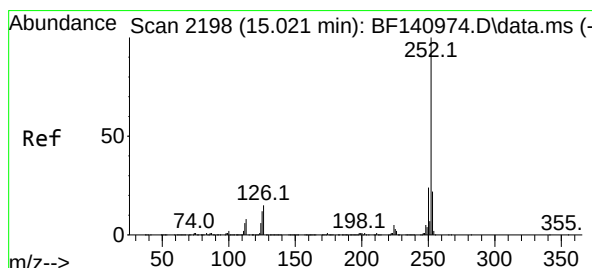
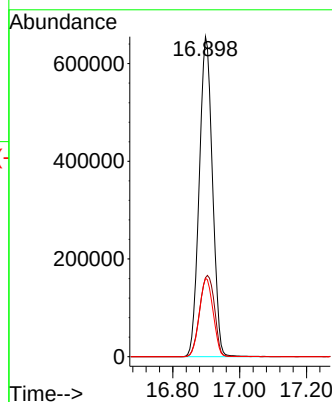
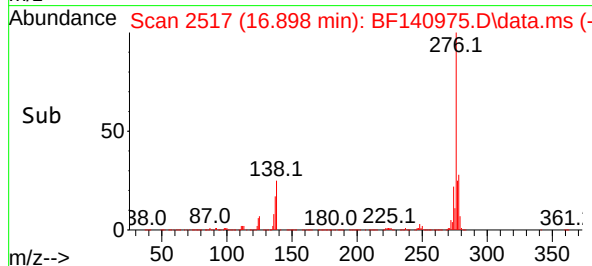


Tgt Ion:276 Resp: 1799974
Ion Ratio Lower Upper
276 100
138 28.6 23.1 34.7
277 25.5 20.4 30.6

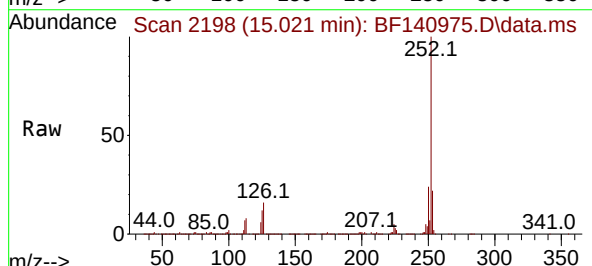
Manual Integrations

APPROVED

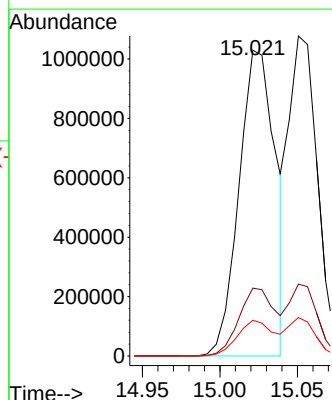
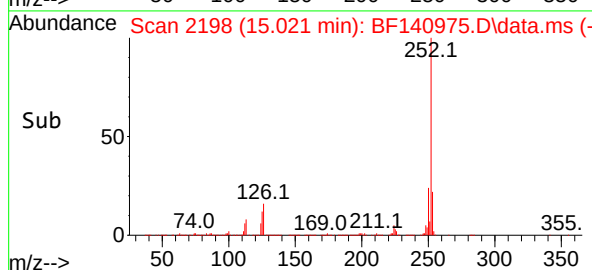
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

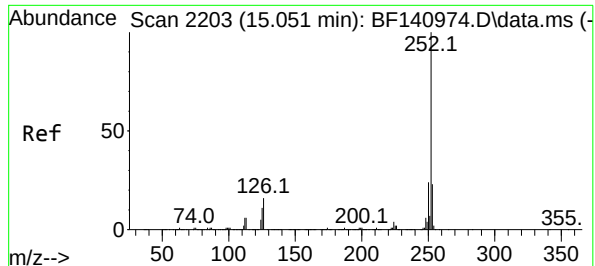


#88
Benzo(b)fluoranthene
Concen: 46.828 ng
RT: 15.021 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33



Tgt Ion:252 Resp: 1682869
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 11.7 9.3 13.9





#89

Benzo(k)fluoranthene

Concen: 49.069 ng

RT: 15.051 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF140975.D

Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:252 Resp: 1382080

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

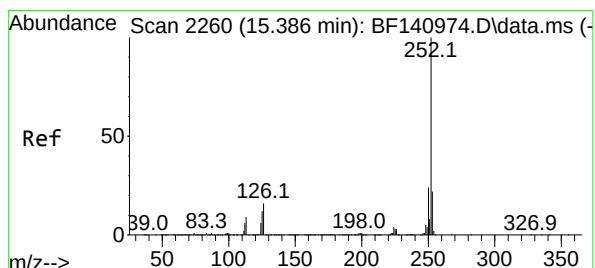
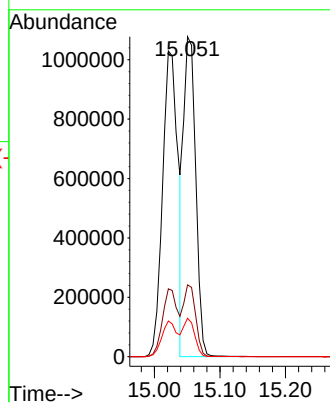
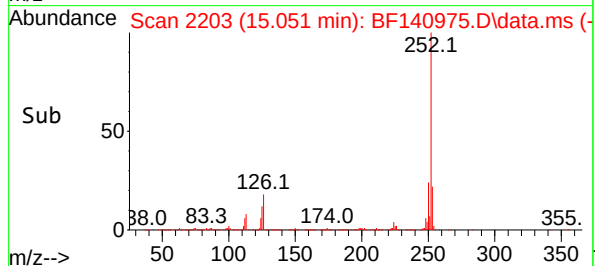
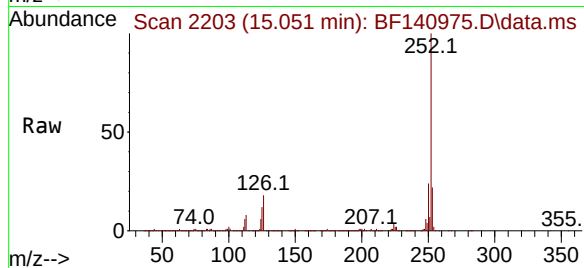
125 12.0 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#90

Benzo(a)pyrene

Concen: 48.370 ng

RT: 15.386 min Scan# 2260

Delta R.T. -0.000 min

Lab File: BF140975.D

Acq: 26 Dec 2024 18:33

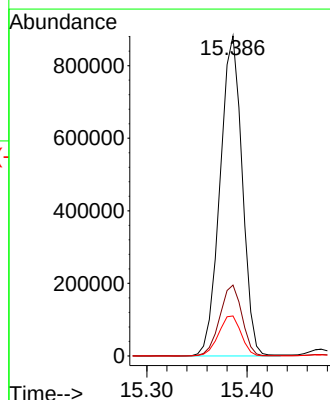
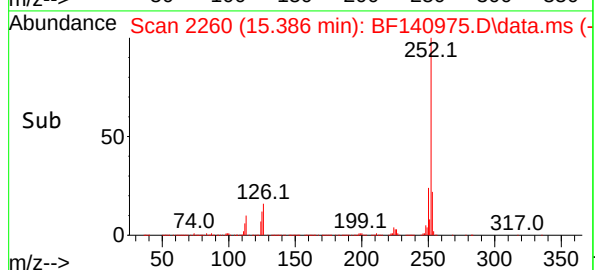
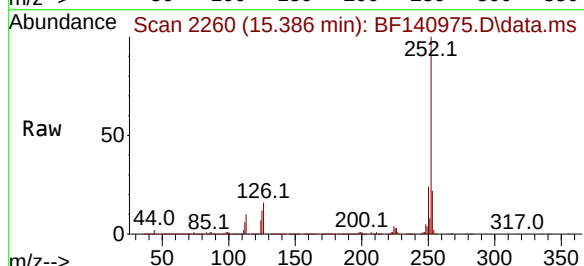
Tgt Ion:252 Resp: 1349208

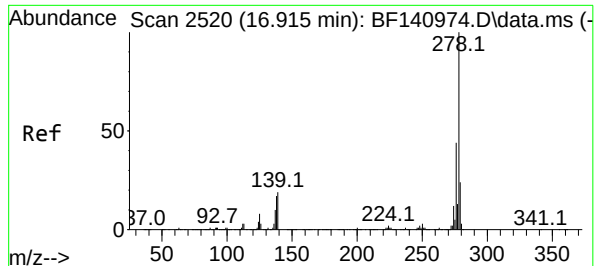
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 12.5 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 55.158 ng

RT: 16.921 min Scan# 2520

Delta R.T. 0.006 min

Lab File: BF140975.D

Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:278 Resp: 145147

Ion Ratio Lower Upper

278 100

139 18.5 14.9 22.3

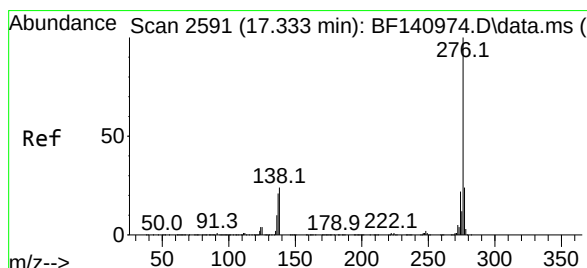
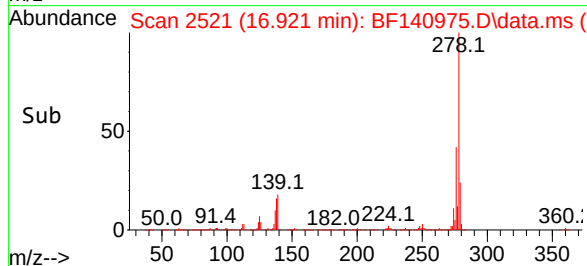
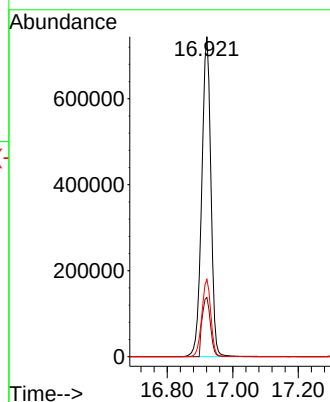
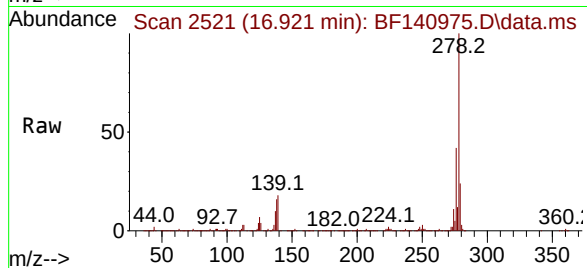
279 24.1 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#92

Benzo(g,h,i)perylene

Concen: 56.337 ng

RT: 17.339 min Scan# 2592

Delta R.T. 0.006 min

Lab File: BF140975.D

Acq: 26 Dec 2024 18:33

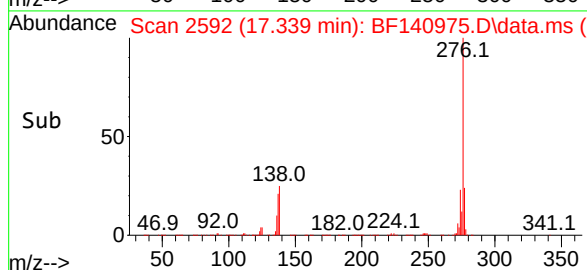
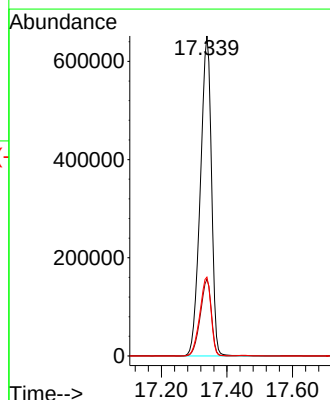
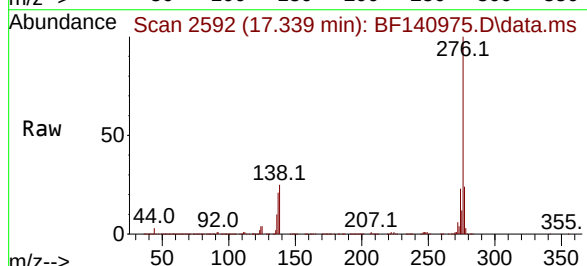
Tgt Ion:276 Resp: 1537634

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.4

138 24.6 19.4 29.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122624\
 Data File : BF140976.D
 Acq On : 26 Dec 2024 18:59
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/27/2024
 Supervised By :mohammad ahmed 12/27/2024

Quant Time: Dec 27 00:25:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:11:18 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	268664	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	1029031	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	545680	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	952375	20.000	ng	0.00
76) Chrysene-d12	13.986	240	546797	20.000	ng	0.00
86) Perylene-d12	15.445	264	494154	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1988304	111.557	ng	0.00
7) Phenol-d6	6.457	99	2600411	113.257	ng	0.00
23) Nitrobenzene-d5	7.398	82	2156825	134.096	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	652968	123.146	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	3609485	105.387	ng	0.00
79) Terphenyl-d14	12.939	244	4068426	123.586	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.557	88	473973	58.739	ng	99
3) Pyridine	3.304	79	1105688	56.070	ng	99
4) n-Nitrosodimethylamine	3.263	42	598427	59.893	ng	100
6) Aniline	6.528	93	1052307m	51.389	ng	
8) 2-Chlorophenol	6.616	128	1063361	56.588	ng	99
9) Benzaldehyde	6.381	77	619087	59.109	ng	99
10) Phenol	6.469	94	1365070	57.498	ng	97
11) bis(2-Chloroethyl)ether	6.569	93	1112573	58.092	ng	96
12) 1,3-Dichlorobenzene	6.769	146	1157733	55.826	ng	98
13) 1,4-Dichlorobenzene	6.851	146	1160534	55.512	ng	99
14) 1,2-Dichlorobenzene	7.004	146	1070694	54.930	ng	99
15) Benzyl Alcohol	6.969	79	944223	57.228	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	1624495	56.036	ng	100
17) 2-Methylphenol	7.075	107	893930	57.262	ng	98
18) Hexachloroethane	7.345	117	432447	58.230	ng	98
19) n-Nitroso-di-n-propyla...	7.251	70	792252	56.323	ng	99
20) 3+4-Methylphenols	7.234	107	1091707	55.260	ng	94
22) Acetophenone	7.245	105	1400933	55.496	ng	99
24) Nitrobenzene	7.416	77	1168779	65.032	ng	98
25) Isophorone	7.657	82	2034290	58.123	ng	100
26) 2-Nitrophenol	7.728	139	467251	61.735	ng	98
27) 2,4-Dimethylphenol	7.763	122	754114	58.955	ng	100
28) bis(2-Chloroethoxy)met...	7.863	93	1248974	56.322	ng	99
29) 2,4-Dichlorophenol	7.963	162	866778	59.747	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	943563	57.464	ng	99
31) Naphthalene	8.134	128	2998347	55.296	ng	99
32) Benzoic acid	7.886	122	681257	62.038	ng	98
33) 4-Chloroaniline	8.186	127	1133393	57.778	ng	99
34) Hexachlorobutadiene	8.251	225	561087	57.963	ng	100
35) Caprolactam	8.557	113	294367	59.682	ng	99
36) 4-Chloro-3-methylphenol	8.657	107	953935	59.209	ng	100
37) 2-Methylnaphthalene	8.822	142	1924796	55.487	ng	100
38) 1-Methylnaphthalene	8.922	142	1898518	55.689	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	860616	57.327	ng	100
41) Hexachlorocyclopentadiene	8.975	237	311667	62.648	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	623356	62.389	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122624\
 Data File : BF140976.D
 Acq On : 26 Dec 2024 18:59
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024

Quant Time: Dec 27 00:25:23 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Dec 27 00:11:18 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	597336	58.429	ng	99
46) 1,1'-Biphenyl	9.286	154	2302280	55.102	ng	99
47) 2-Chloronaphthalene	9.310	162	1807450	55.777	ng	99
48) 2-Nitroaniline	9.404	65	538159	61.984	ng	97
49) Acenaphthylene	9.728	152	2603514	55.811	ng	99
50) Dimethylphthalate	9.592	163	2047854	57.054	ng	100
51) 2,6-Dinitrotoluene	9.651	165	455999	61.208	ng	99
52) Acenaphthene	9.898	154	1786036	56.633	ng	100
53) 3-Nitroaniline	9.816	138	498260	61.600	ng	98
54) 2,4-Dinitrophenol	9.916	184	160979	62.314	ng	# 13
55) Dibenzofuran	10.069	168	2477328	55.896	ng	99
56) 4-Nitrophenol	9.963	139	414262	67.472	ng	100
57) 2,4-Dinitrotoluene	10.051	165	568343	62.002	ng	99
58) Fluorene	10.416	166	1857483	54.047	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	518034	61.184	ng	99
60) Diethylphthalate	10.292	149	2016065	56.895	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	911842	55.139	ng	99
62) 4-Nitroaniline	10.433	138	492850	60.999	ng	98
63) Azobenzene	10.569	77	2116887	56.916	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	244187	61.133	ng	99
66) n-Nitrosodiphenylamine	10.528	169	1699227	56.660	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	568559	55.225	ng	97
68) Hexachlorobenzene	10.957	284	655571	57.748	ng	98
69) Atrazine	11.051	200	399874	47.727	ng	99
70) Pentachlorophenol	11.145	266	459586	65.024	ng	100
71) Phenanthrene	11.374	178	2736242	54.589	ng	99
72) Anthracene	11.427	178	2700285	54.978	ng	99
73) Carbazole	11.580	167	2591020	54.876	ng	99
74) Di-n-butylphthalate	11.916	149	2982533	55.537	ng	100
75) Fluoranthene	12.563	202	2957043	54.394	ng	99
77) Benzidine	12.680	184	840598	72.741	ng	99
78) Pyrene	12.792	202	3019750	63.146	ng	99
80) Butylbenzylphthalate	13.416	149	1164076	66.663	ng	99
81) Benzo(a)anthracene	13.974	228	2189499	57.454	ng	100
82) 3,3'-Dichlorobenzidine	13.945	252	633054	55.291	ng	99
83) Chrysene	14.015	228	1979370	57.618	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	1372706	60.602	ng	100
85) Di-n-octyl phthalate	14.592	149	1956498	59.679	ng	99
87) Indeno(1,2,3-cd)pyrene	16.898	276	2132438	68.495	ng	100
88) Benzo(b)fluoranthene	15.021	252	2019420	58.595	ng	100
89) Benzo(k)fluoranthene	15.051	252	1506683	55.778	ng	100
90) Benzo(a)pyrene	15.380	252	1578812	59.020	ng	98
91) Dibenzo(a,h)anthracene	16.921	278	1726815	68.425	ng	99
92) Benzo(g,h,i)perylene	17.339	276	1843269	70.421	ng	100

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

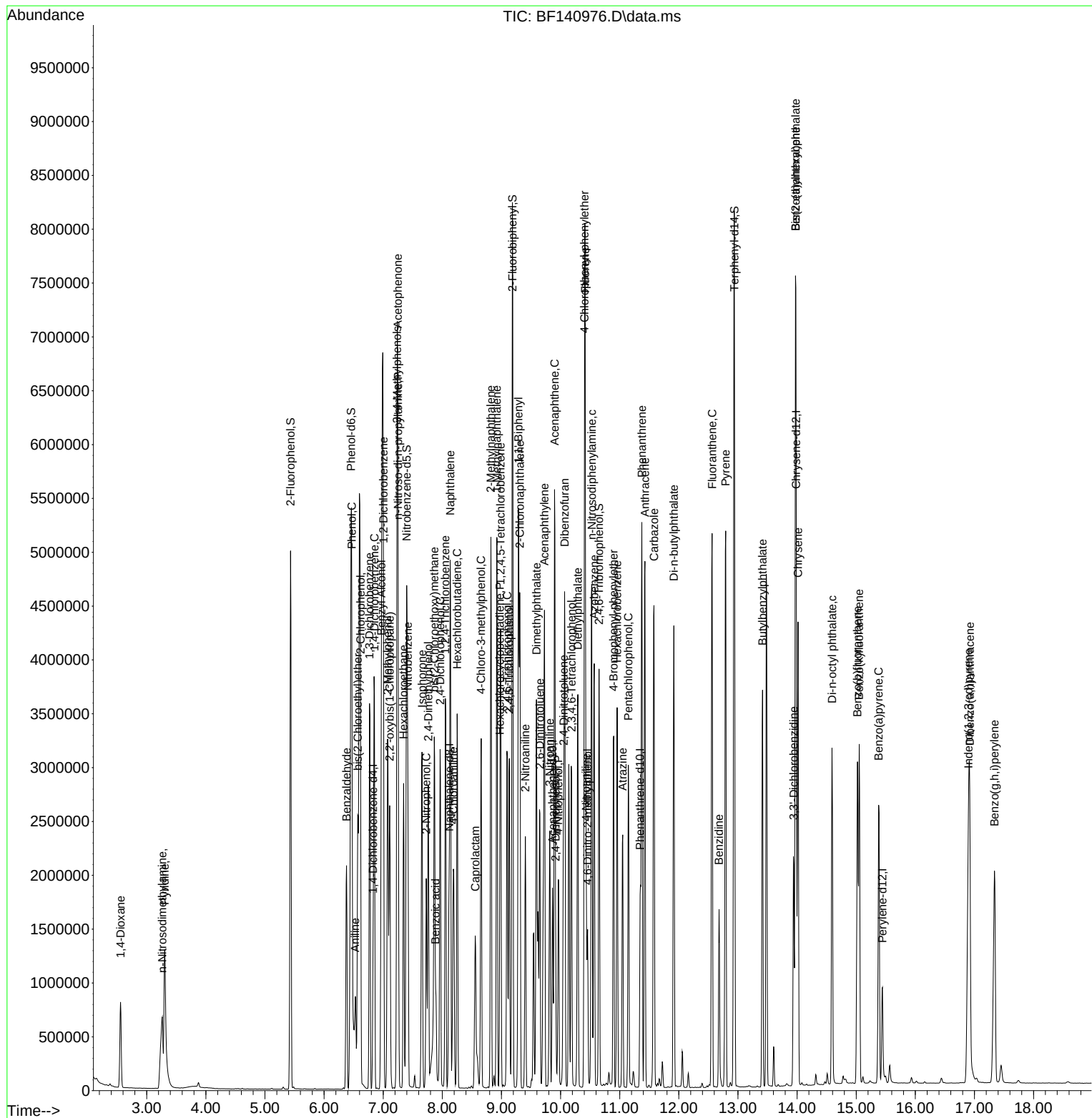
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122624\
Data File : BF140976.D
Acq On : 26 Dec 2024 18:59
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

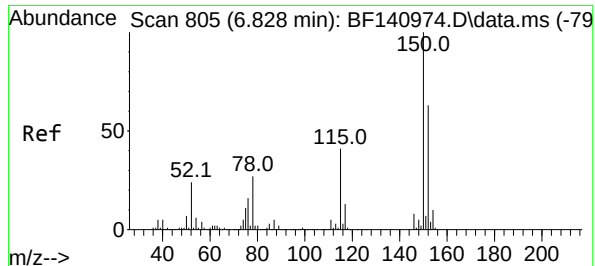
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

Quant Time: Dec 27 00:25:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:11:18 2024
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.828 min Scan# 80

Delta R.T. -0.000 min

Lab File: BF140976.D

Acq: 26 Dec 2024 18:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:152 Resp: 268664

Ion Ratio Lower Upper

152 100

150 157.9 127.0 190.6

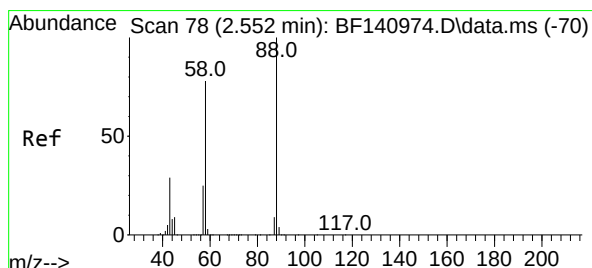
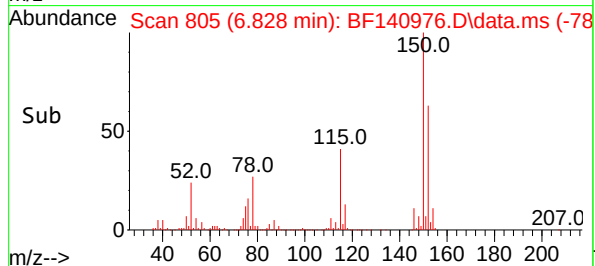
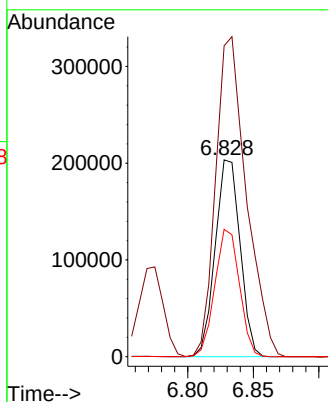
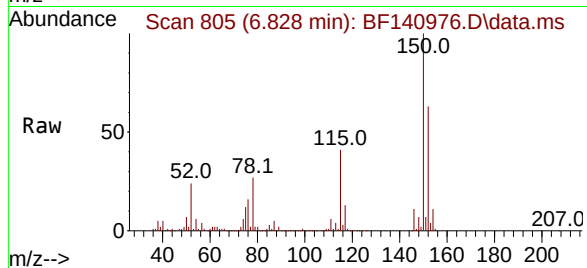
115 64.7 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#2

1,4-Dioxane

Concen: 58.739 ng

RT: 2.557 min Scan# 79

Delta R.T. 0.006 min

Lab File: BF140976.D

Acq: 26 Dec 2024 18:59

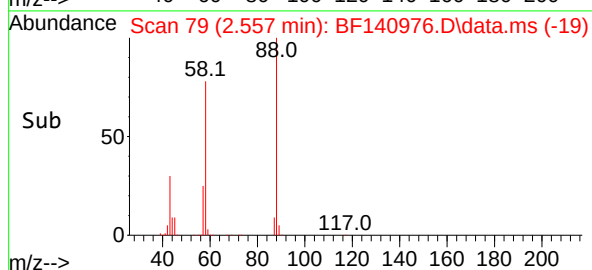
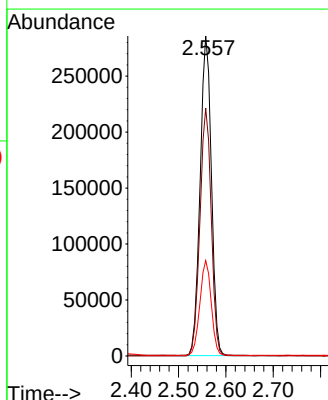
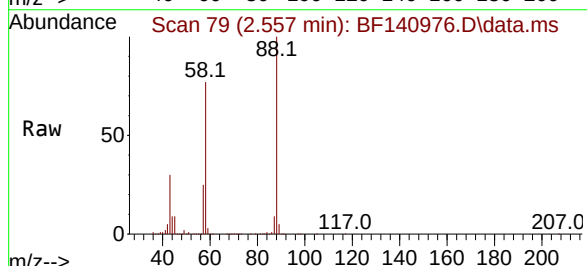
Tgt Ion: 88 Resp: 473973

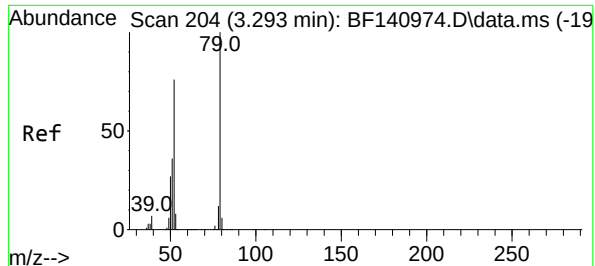
Ion Ratio Lower Upper

88 100

58 77.7 63.0 94.4

43 29.8 23.4 35.2





#3

Pyridine

Concen: 56.070 ng

RT: 3.304 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF140976.D

Acq: 26 Dec 2024 18:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 79 Resp: 110568

Ion Ratio Lower Upper

79 100

52 76.1 60.4 90.6

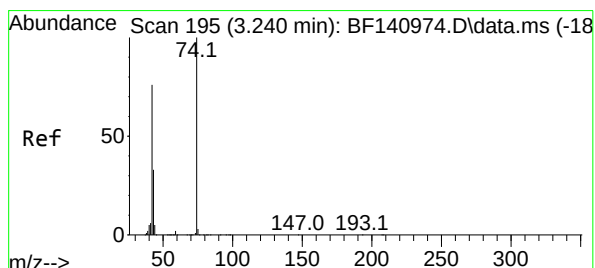
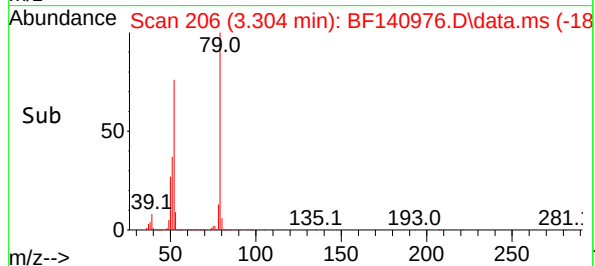
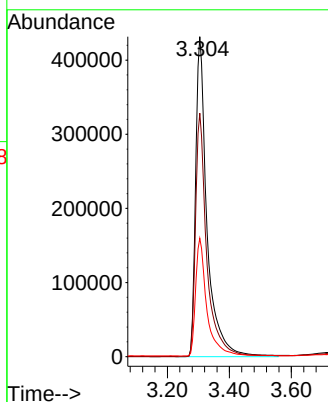
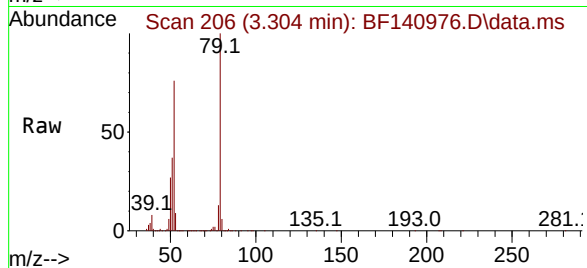
51 37.0 28.8 43.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#4

n-Nitrosodimethylamine

Concen: 59.893 ng

RT: 3.263 min Scan# 199

Delta R.T. 0.023 min

Lab File: BF140976.D

Acq: 26 Dec 2024 18:59

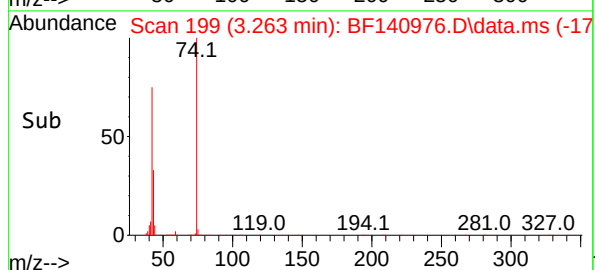
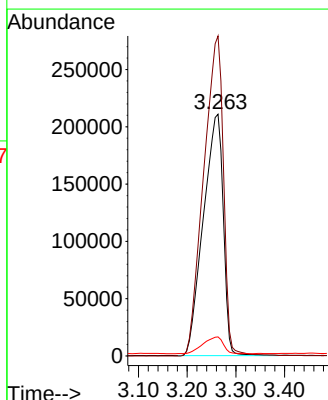
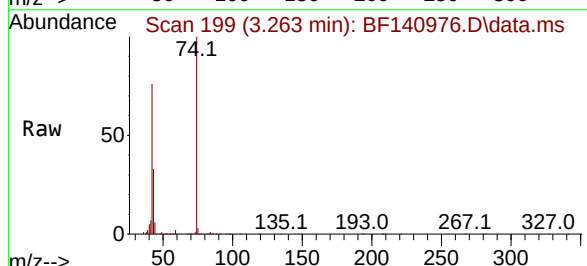
Tgt Ion: 42 Resp: 598427

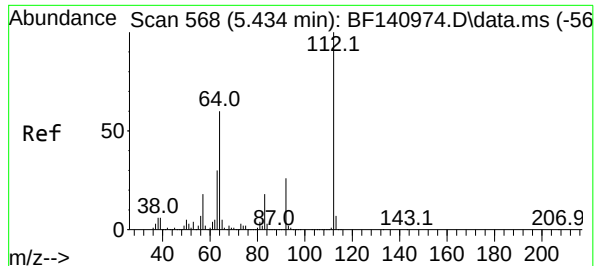
Ion Ratio Lower Upper

42 100

74 132.3 105.8 158.6

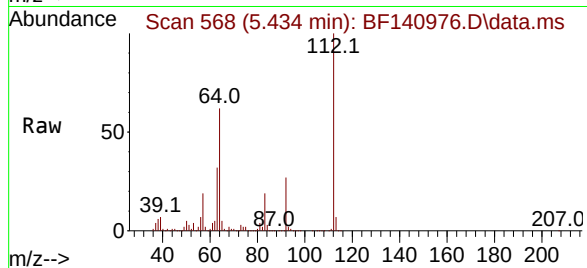
44 7.9 6.6 10.0





#5
2-Fluorophenol
Concen: 111.557 ng
RT: 5.434 min Scan# 504
Delta R.T. -0.000 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

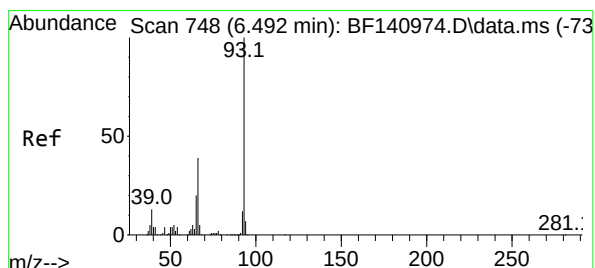
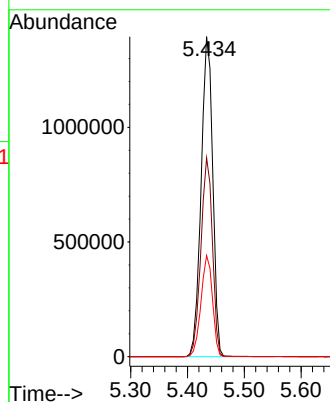
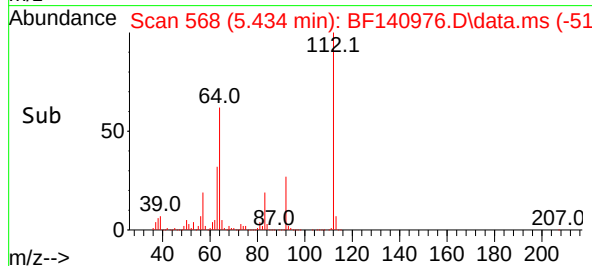
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:112 Resp: 1988304
Ion Ratio Lower Upper
112 100
64 62.1 47.7 71.5
63 31.6 24.2 36.2

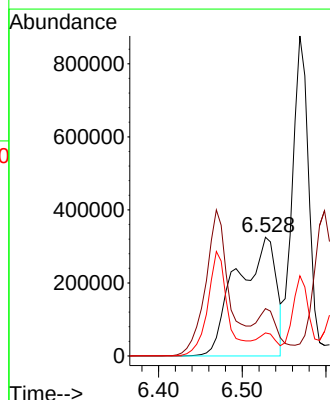
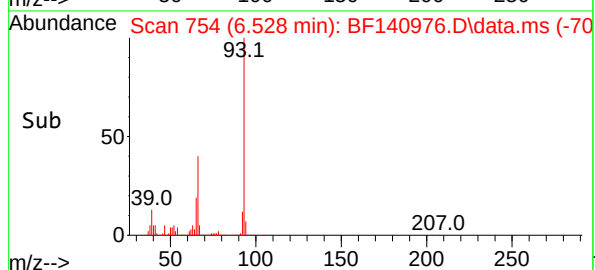
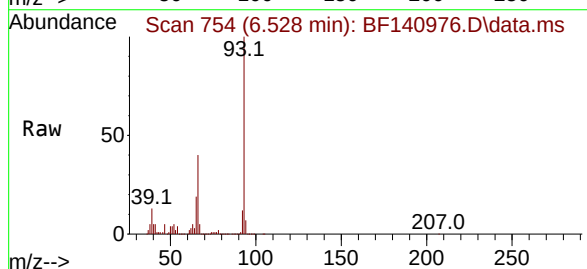
Manual Integrations
APPROVED

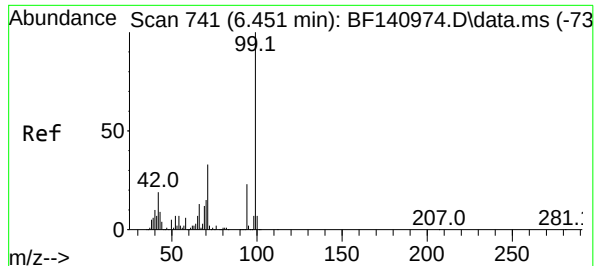
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#6
Aniline
Concen: 51.389 ng m
RT: 6.528 min Scan# 754
Delta R.T. 0.018 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

Tgt Ion: 93 Resp: 1052307
Ion Ratio Lower Upper
93 100
66 39.9 31.8 47.8
65 19.5 15.4 23.0





#7

Phenol-d6

Concen: 113.257 ng

RT: 6.457 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF140976.D

Acq: 26 Dec 2024 18:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 99 Resp: 260041

Ion Ratio Lower Upper

99 100

42 19.0 15.0 22.4

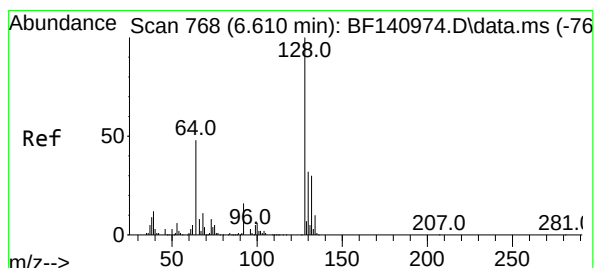
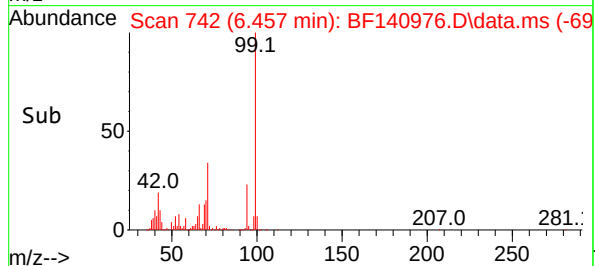
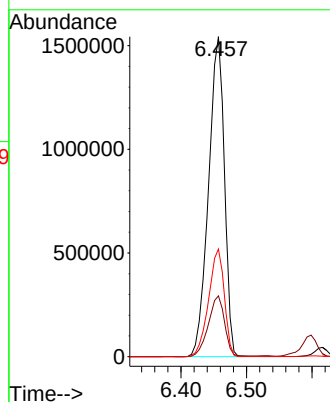
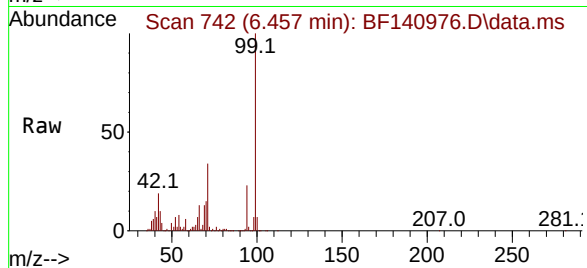
71 33.7 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#8

2-Chlorophenol

Concen: 56.588 ng

RT: 6.616 min Scan# 769

Delta R.T. 0.006 min

Lab File: BF140976.D

Acq: 26 Dec 2024 18:59

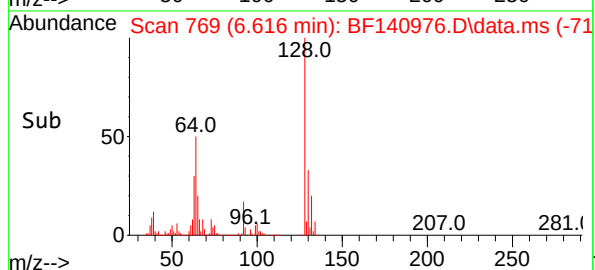
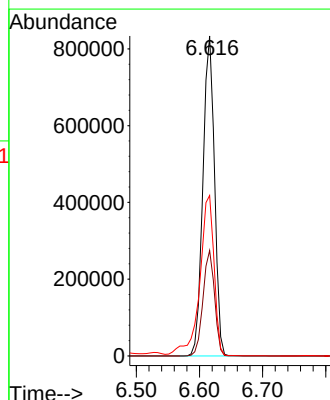
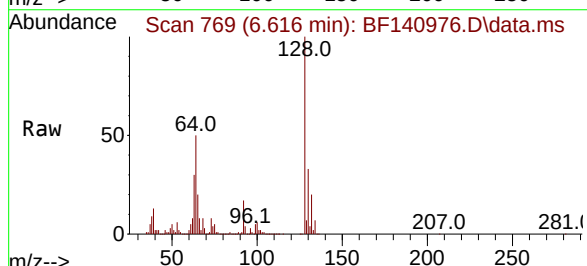
Tgt Ion:128 Resp: 1063361

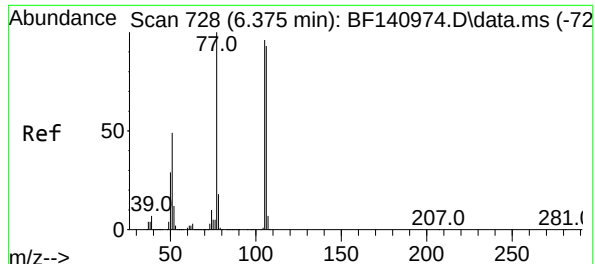
Ion Ratio Lower Upper

128 100

130 32.9 12.2 52.2

64 50.2 30.3 70.3





#9

Benzaldehyde

Concen: 59.109 ng

RT: 6.381 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF140976.D

Acq: 26 Dec 2024 18:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 77 Resp: 61908

Ion Ratio Lower Upper

77 100

105 97.3 76.2 116.2

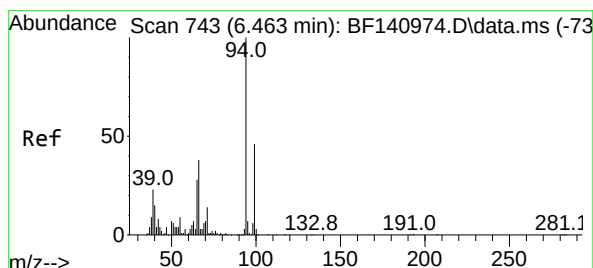
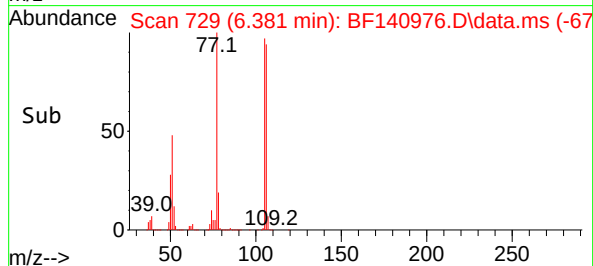
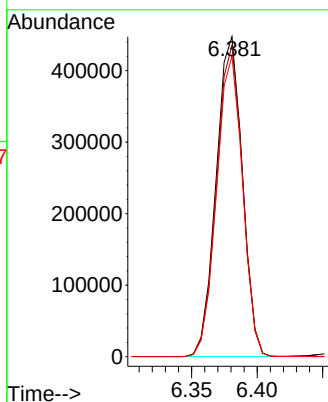
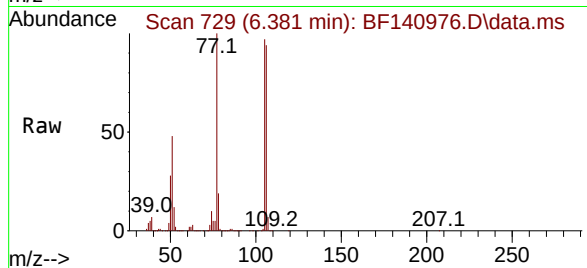
106 94.0 73.4 113.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#10

Phenol

Concen: 57.498 ng

RT: 6.469 min Scan# 744

Delta R.T. 0.006 min

Lab File: BF140976.D

Acq: 26 Dec 2024 18:59

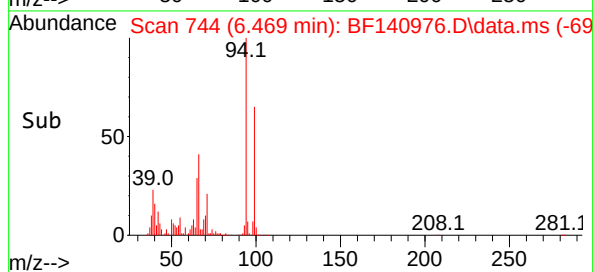
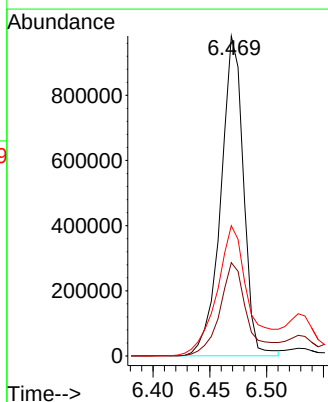
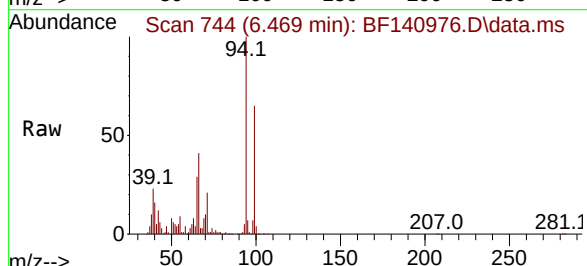
Tgt Ion: 94 Resp: 1365070

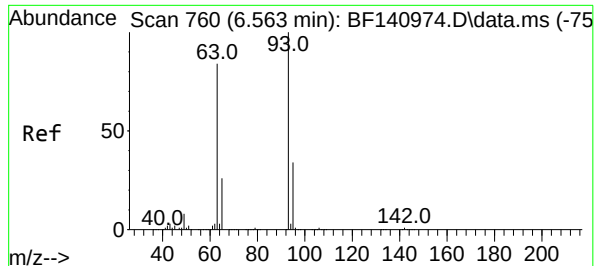
Ion Ratio Lower Upper

94 100

65 29.1 8.1 48.1

66 40.7 18.7 58.7





#11

bis(2-Chloroethyl)ether

Concen: 58.092 ng

RT: 6.569 min Scan# 760

Delta R.T. 0.006 min

Lab File: BF140976.D

Acq: 26 Dec 2024 18:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 93 Resp: 111257

Ion Ratio Lower Upper

93 100

63 76.1 60.3 100.3

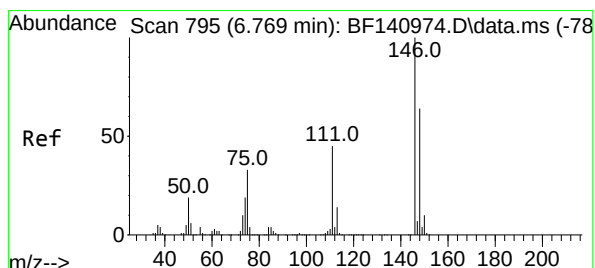
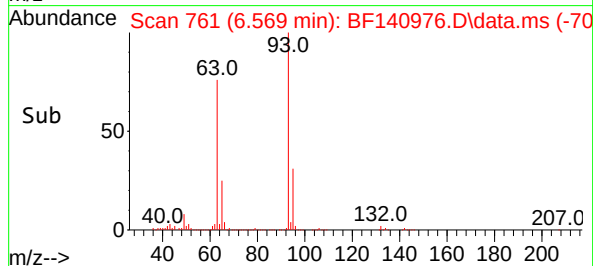
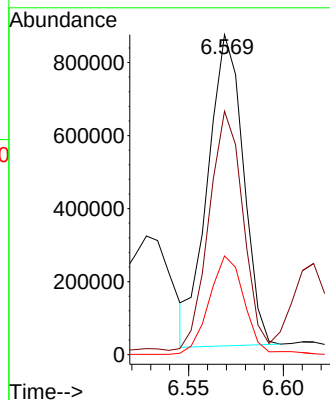
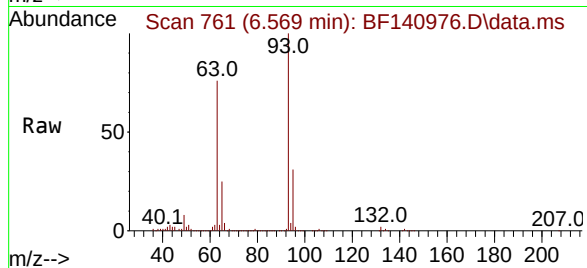
95 30.9 12.2 52.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#12

1,3-Dichlorobenzene

Concen: 55.826 ng

RT: 6.769 min Scan# 795

Delta R.T. -0.000 min

Lab File: BF140976.D

Acq: 26 Dec 2024 18:59

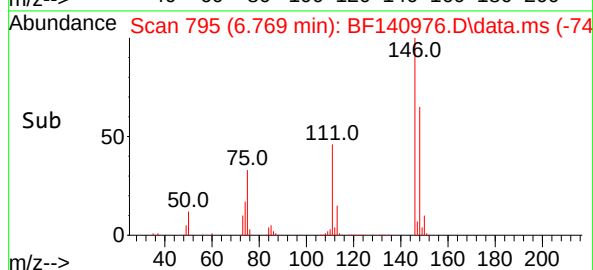
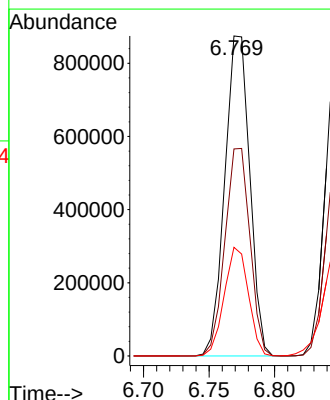
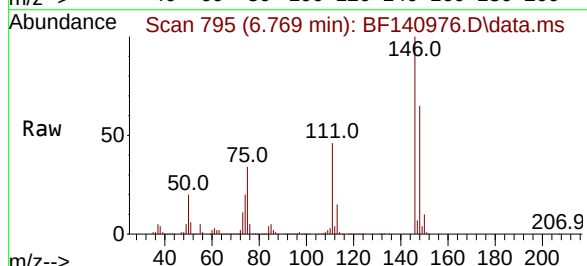
Tgt Ion:146 Resp: 1157733

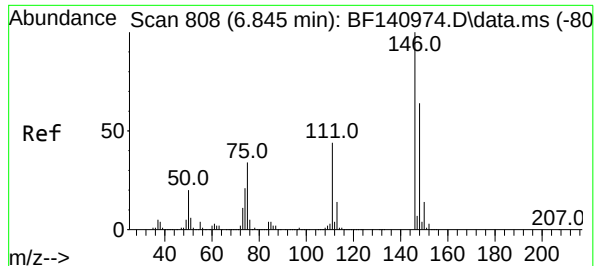
Ion Ratio Lower Upper

146 100

148 64.7 51.0 76.4

75 33.9 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 55.512 ng

RT: 6.851 min Scan# 80

Delta R.T. 0.006 min

Lab File: BF140976.D

Acq: 26 Dec 2024 18:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:146 Resp: 1160534

Ion Ratio Lower Upper

146 100

148 64.8 51.3 76.9

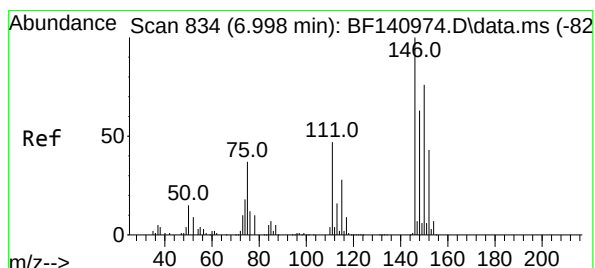
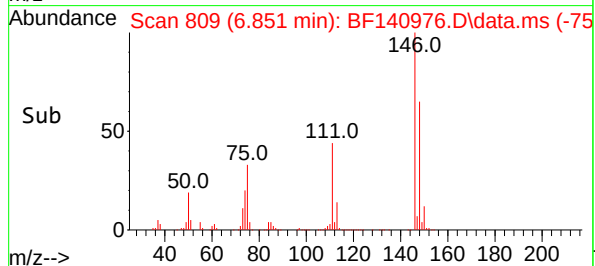
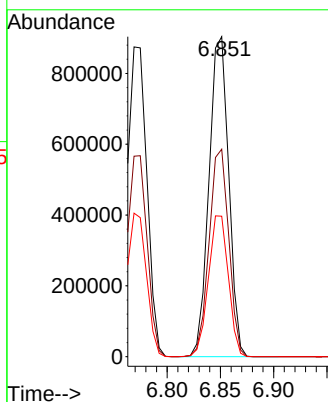
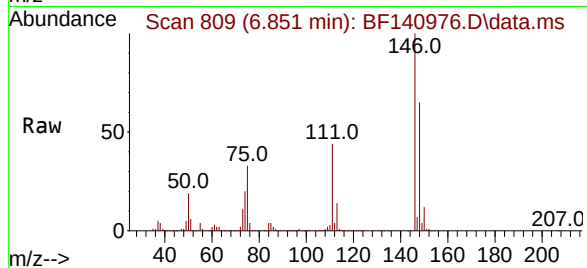
111 43.9 35.3 52.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#14

1,2-Dichlorobenzene

Concen: 54.930 ng

RT: 7.004 min Scan# 835

Delta R.T. 0.006 min

Lab File: BF140976.D

Acq: 26 Dec 2024 18:59

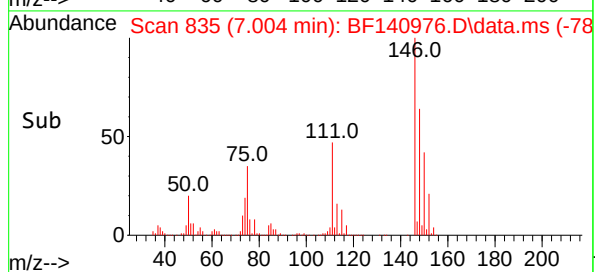
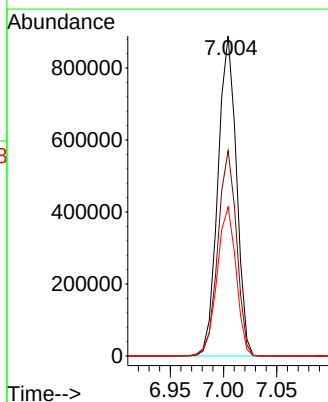
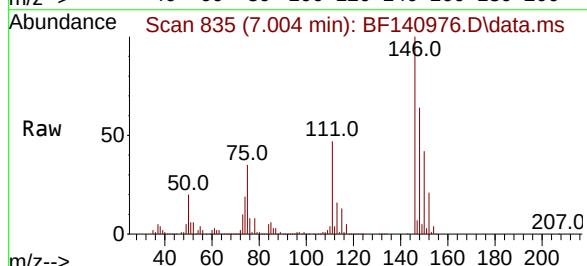
Tgt Ion:146 Resp: 1070694

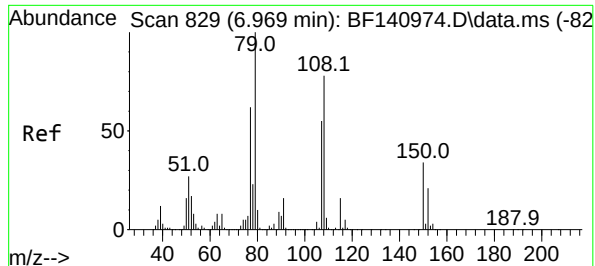
Ion Ratio Lower Upper

146 100

148 64.2 50.6 76.0

111 46.6 37.3 55.9





#15

Benzyl Alcohol

Concen: 57.228 ng

RT: 6.969 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF140976.D

Acq: 26 Dec 2024 18:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 79 Resp: 94422

Ion Ratio Lower Upper

79 100

108 77.5 62.5 93.7

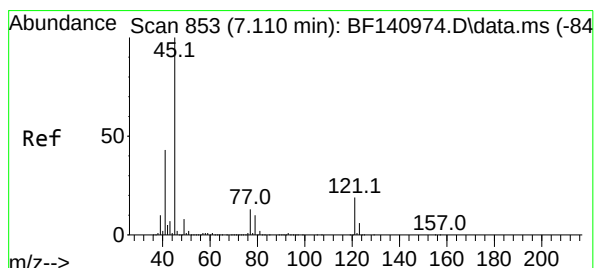
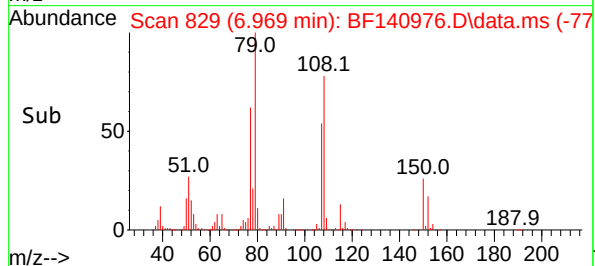
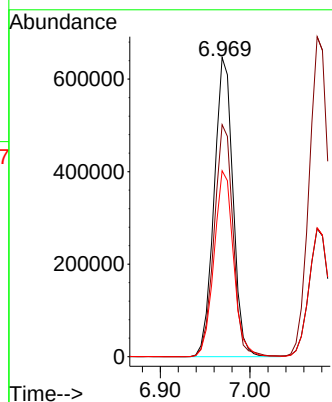
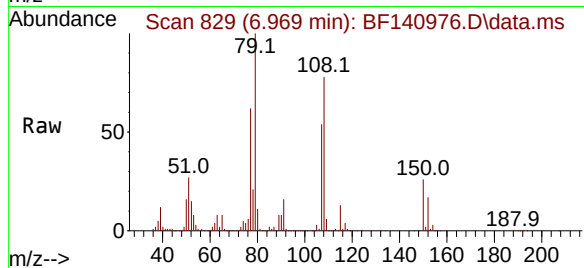
77 62.2 49.3 73.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#16

2,2'-oxybis(1-Chloropropane)

Concen: 56.036 ng

RT: 7.110 min Scan# 853

Delta R.T. -0.000 min

Lab File: BF140976.D

Acq: 26 Dec 2024 18:59

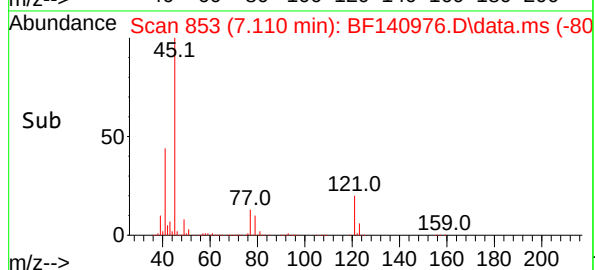
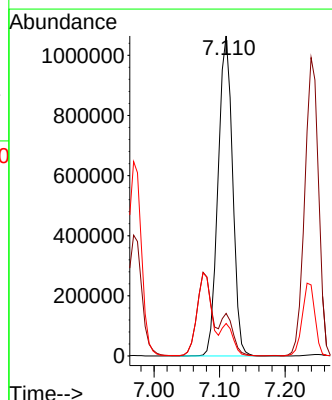
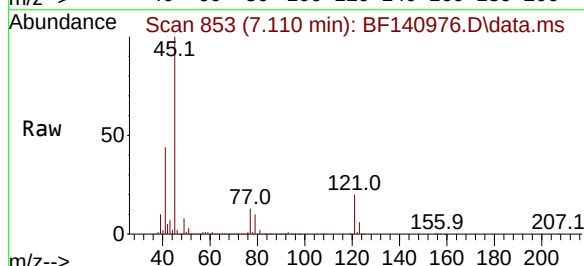
Tgt Ion: 45 Resp: 1624495

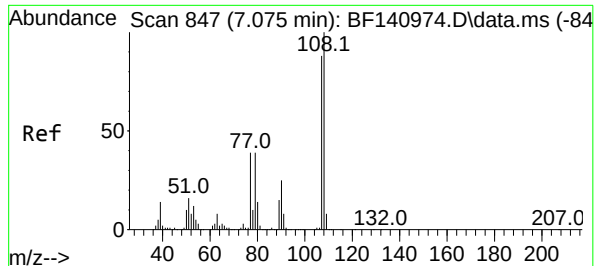
Ion Ratio Lower Upper

45 100

77 13.3 0.0 33.1

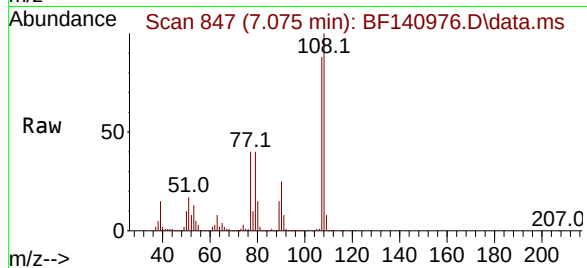
79 10.2 0.0 30.1





#17
2-Methylphenol
Concen: 57.262 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.000 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

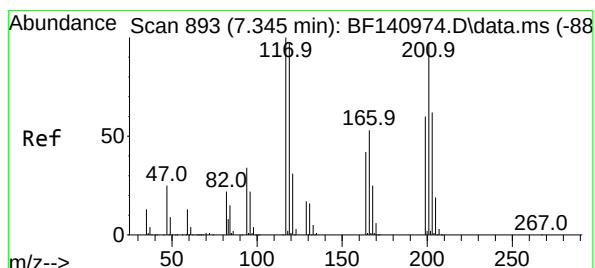
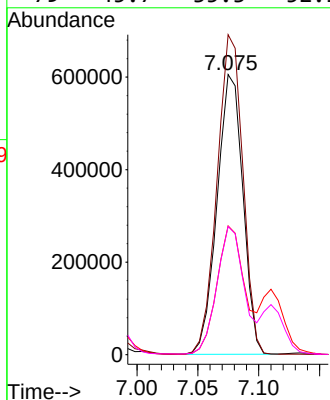
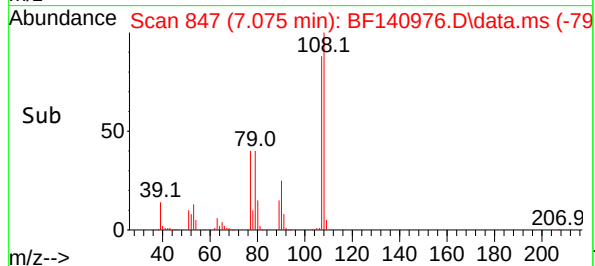
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:107 Resp: 893930
Ion Ratio Lower Upper
107 100
108 114.2 90.6 136.0
77 46.0 35.3 52.9
79 45.7 35.3 52.9

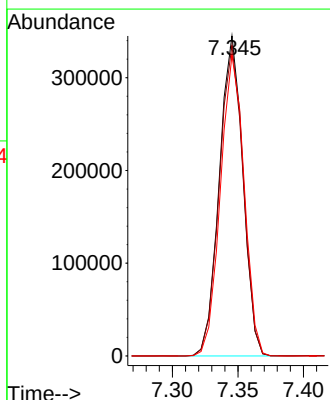
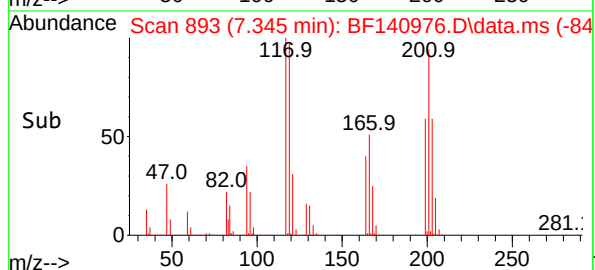
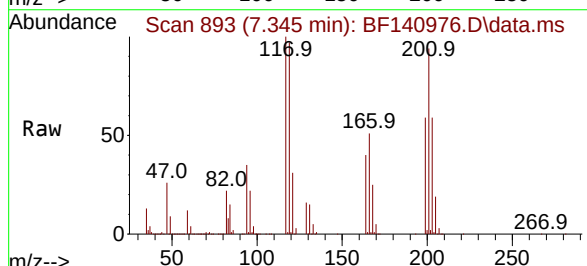
Manual Integrations
APPROVED

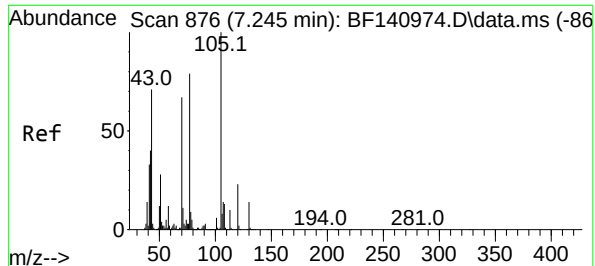
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#18
Hexachloroethane
Concen: 58.230 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.000 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

Tgt Ion:117 Resp: 432447
Ion Ratio Lower Upper
117 100
119 97.1 77.5 116.3
201 94.0 77.4 116.2





#19

n-Nitroso-di-n-propylamine

Concen: 56.323 ng

RT: 7.251 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF140976.D

Acq: 26 Dec 2024 18:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 79225

Ion Ratio Lower Upper

70 100

42 59.7 48.1 72.1

101 9.7 7.6 11.4

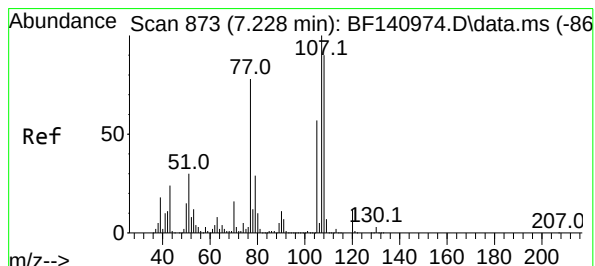
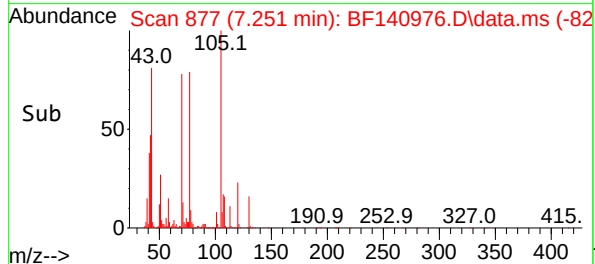
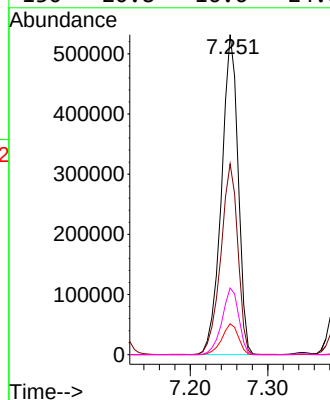
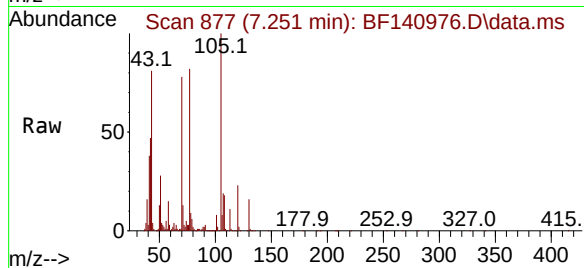
130 20.8 16.6 24.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#20

3+4-Methylphenols

Concen: 55.260 ng

RT: 7.234 min Scan# 874

Delta R.T. 0.006 min

Lab File: BF140976.D

Acq: 26 Dec 2024 18:59

Tgt Ion:107 Resp: 1091707

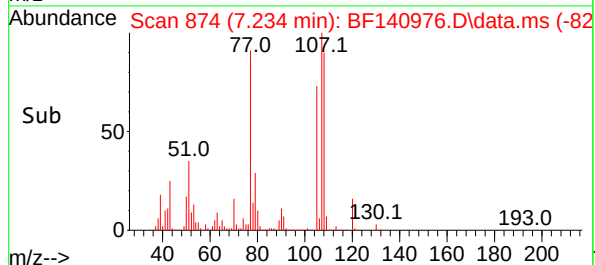
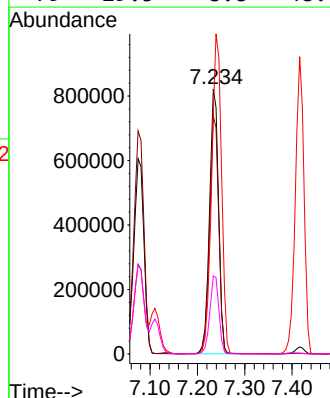
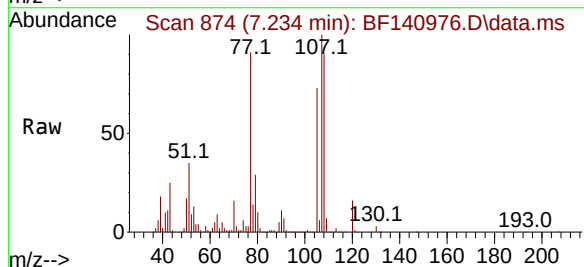
Ion Ratio Lower Upper

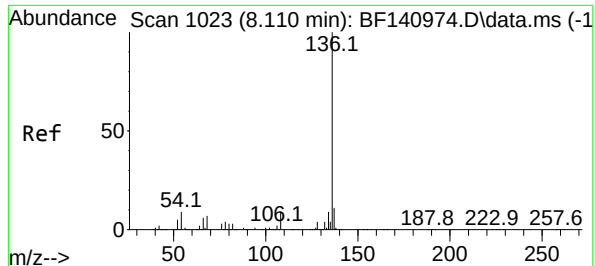
107 100

108 89.8 69.6 109.6

77 91.0 57.6 97.6

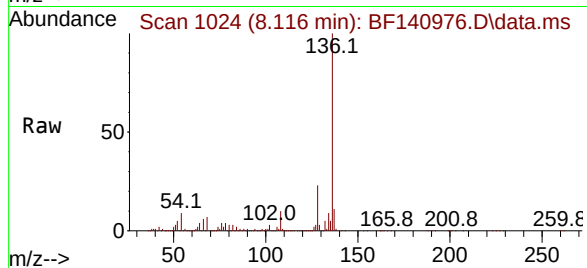
79 29.5 8.8 48.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1023
Delta R.T. 0.006 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

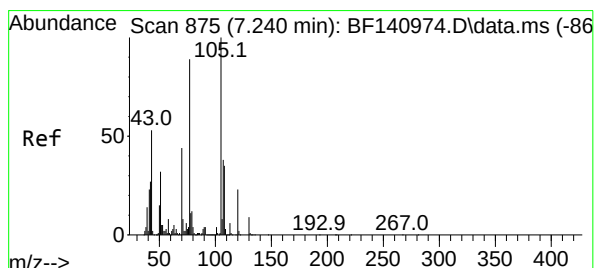
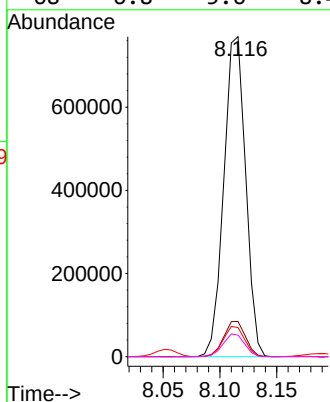
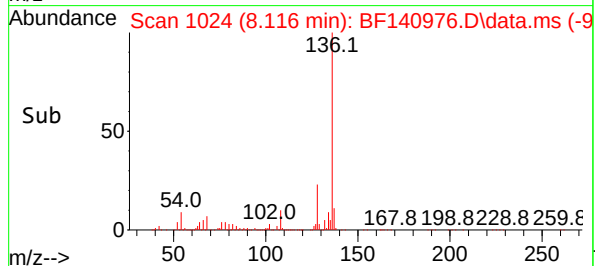
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:136 Resp: 1029033
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 9.1 7.6 11.4
68 6.8 5.6 8.4

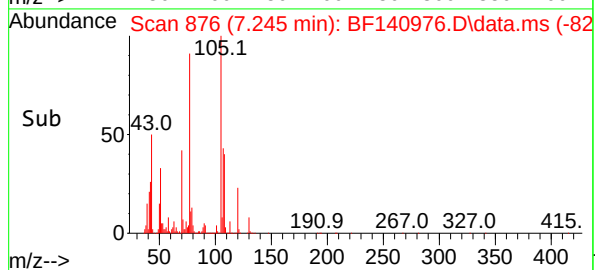
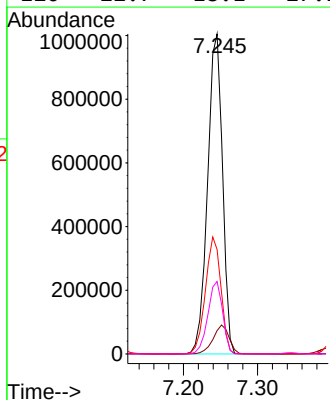
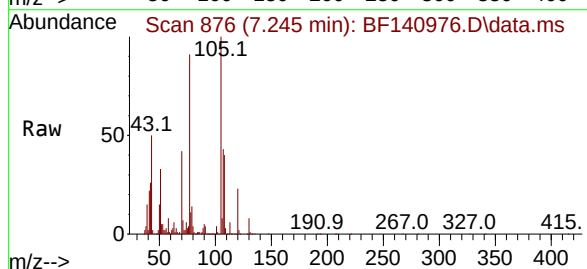
Manual Integrations
APPROVED

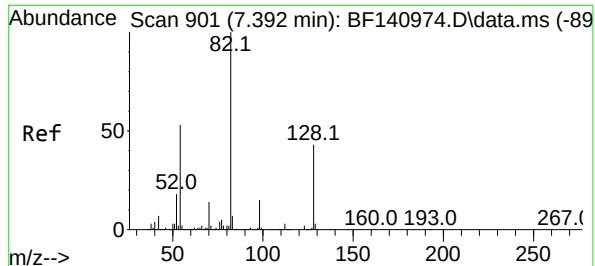
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#22
Acetophenone
Concen: 55.496 ng
RT: 7.245 min Scan# 876
Delta R.T. 0.006 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

Tgt Ion:105 Resp: 1400933
Ion Ratio Lower Upper
105 100
71 7.3 6.1 9.1
51 32.7 25.8 38.6
120 22.7 18.1 27.1





#23

Nitrobenzene-d5

Concen: 134.096 ng

RT: 7.398 min Scan# 901

Delta R.T. 0.006 min

Lab File: BF140976.D

Acq: 26 Dec 2024 18:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 215682

Ion Ratio Lower Upper

82 100

128 43.9 34.4 51.6

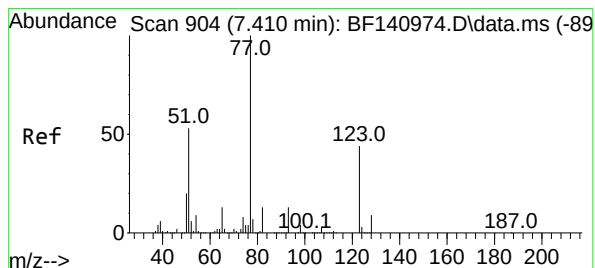
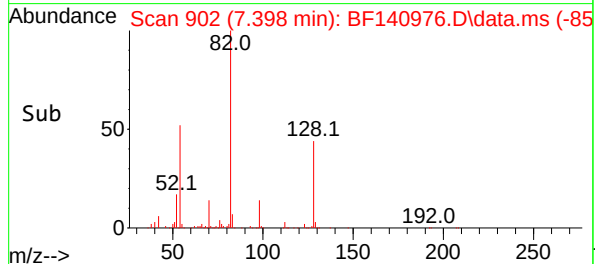
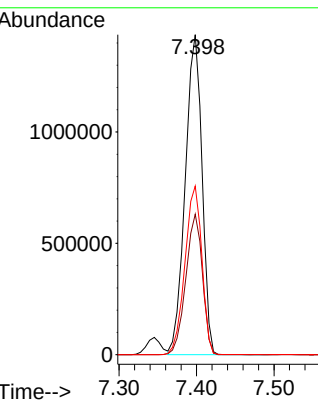
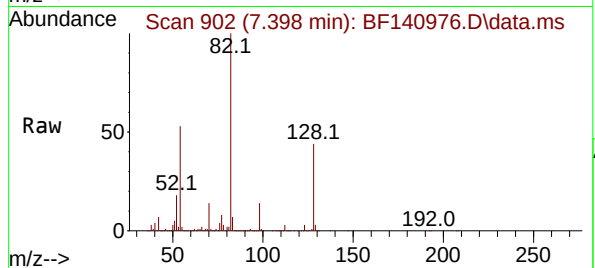
54 52.7 42.4 63.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#24

Nitrobenzene

Concen: 65.032 ng

RT: 7.416 min Scan# 905

Delta R.T. 0.006 min

Lab File: BF140976.D

Acq: 26 Dec 2024 18:59

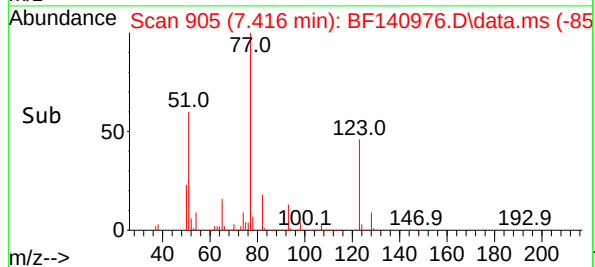
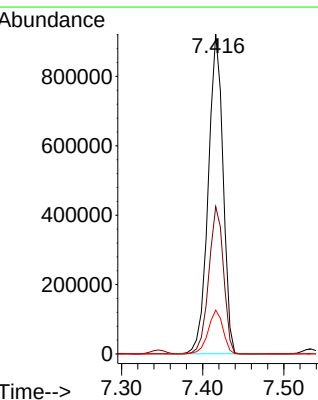
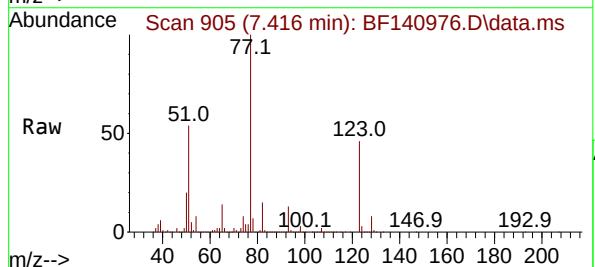
Tgt Ion: 77 Resp: 1168779

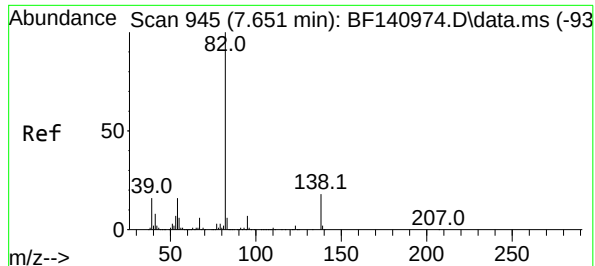
Ion Ratio Lower Upper

77 100

123 46.1 35.4 53.2

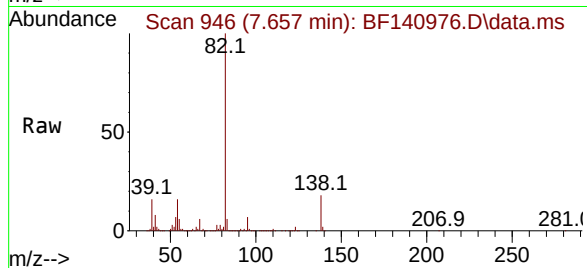
65 13.7 10.7 16.1





#25
Isophorone
Concen: 58.123 ng
RT: 7.657 min Scan# 945
Delta R.T. 0.006 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

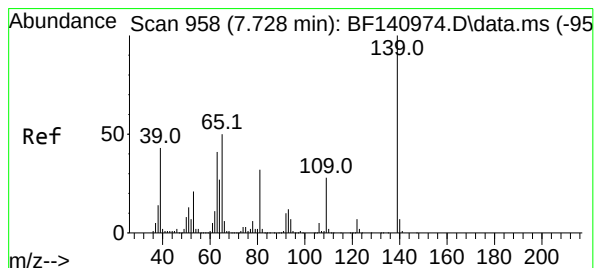
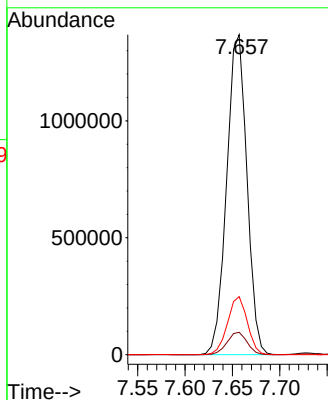
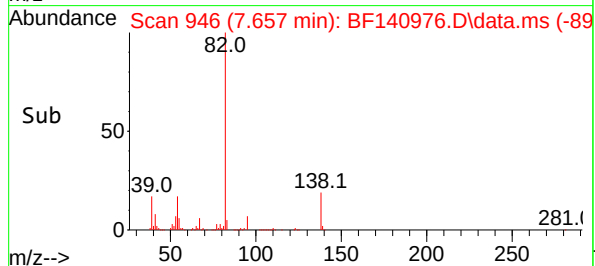
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion: 82 Resp: 2034290
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 18.1 14.6 21.8

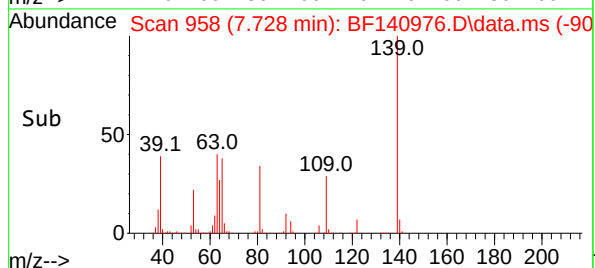
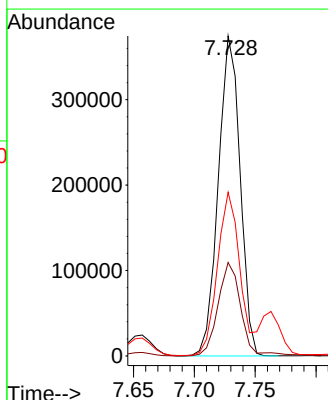
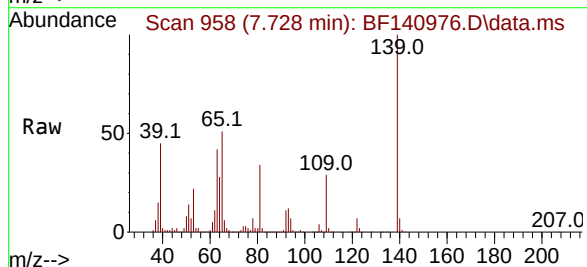
Manual Integrations
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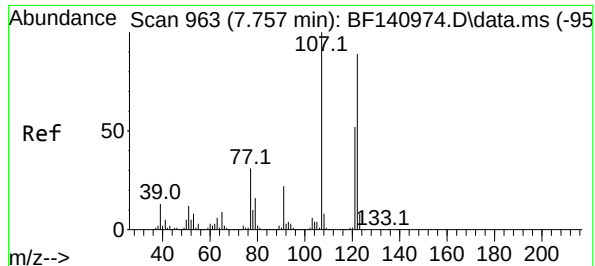
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#26
2-Nitrophenol
Concen: 61.735 ng
RT: 7.728 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

Tgt Ion:139 Resp: 467251
Ion Ratio Lower Upper
139 100
109 29.2 22.2 33.4
65 51.1 40.2 60.4





#27

2,4-Dimethylphenol

Concen: 58.955 ng

RT: 7.763 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF140976.D

Acq: 26 Dec 2024 18:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:122 Resp: 754114

Ion Ratio Lower Upper

122 100

107 111.8 89.4 134.2

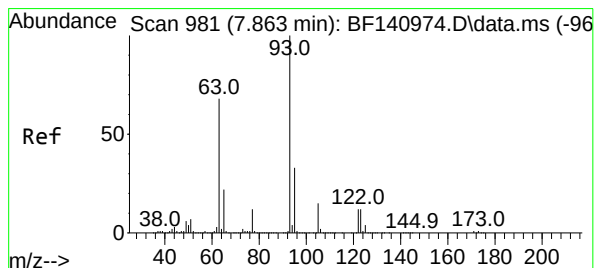
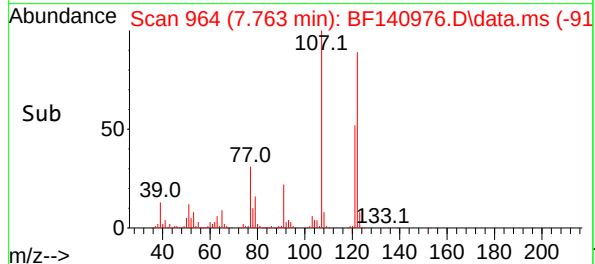
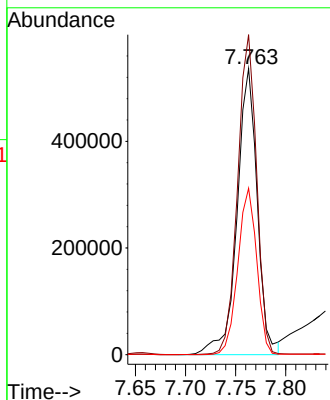
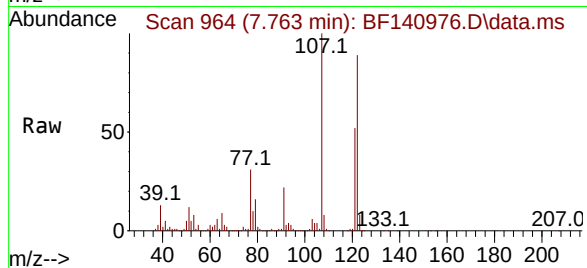
121 58.1 46.7 70.1

Manual Integrations

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Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#28

bis(2-Chloroethoxy)methane

Concen: 56.322 ng

RT: 7.863 min Scan# 981

Delta R.T. -0.000 min

Lab File: BF140976.D

Acq: 26 Dec 2024 18:59

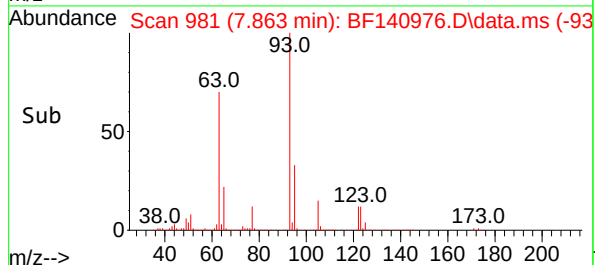
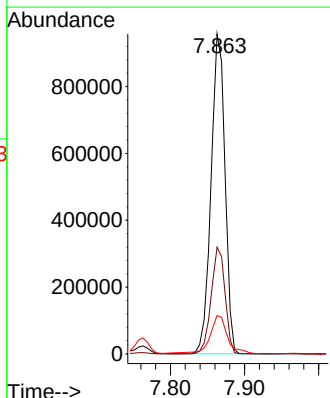
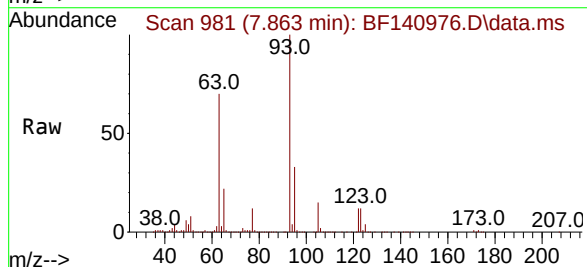
Tgt Ion: 93 Resp: 1248974

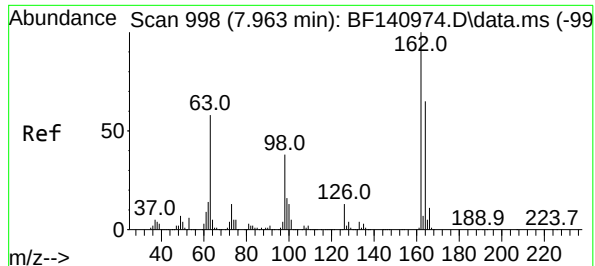
Ion Ratio Lower Upper

93 100

95 33.3 26.2 39.4

123 12.0 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 59.747 ng

RT: 7.963 min Scan# 998

Delta R.T. -0.000 min

Lab File: BF140976.D

Acq: 26 Dec 2024 18:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:162 Resp: 866778

Ion Ratio Lower Upper

162 100

164 64.1 44.8 84.8

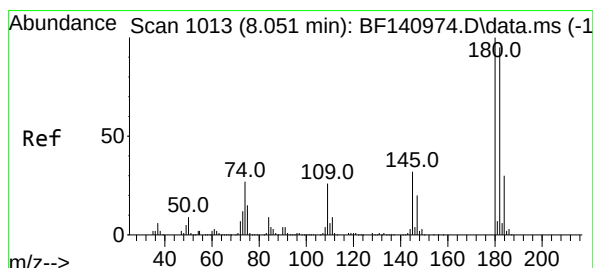
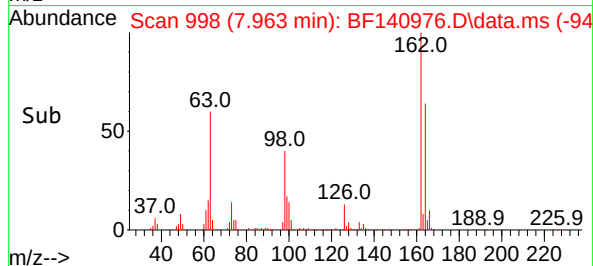
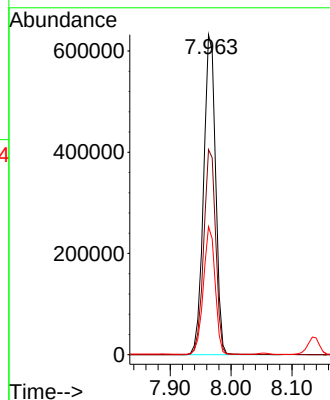
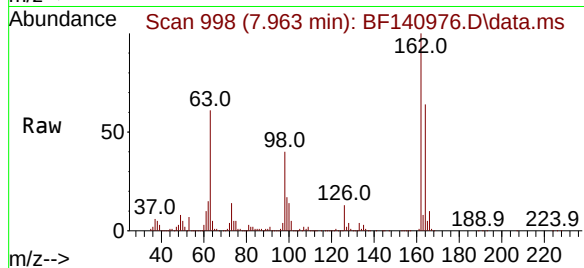
98 40.0 18.6 58.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#30

1,2,4-Trichlorobenzene

Concen: 57.464 ng

RT: 8.051 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF140976.D

Acq: 26 Dec 2024 18:59

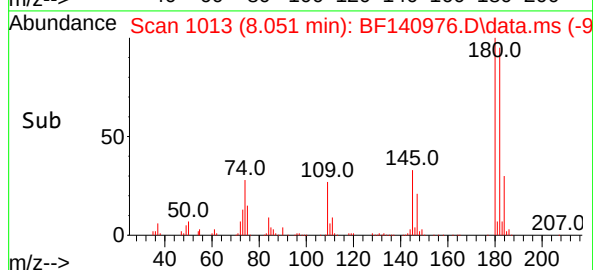
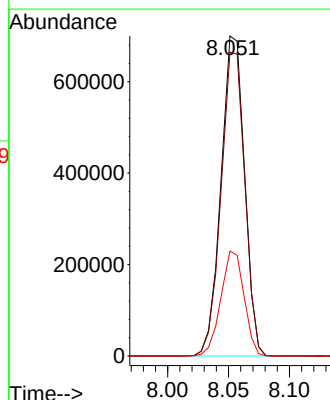
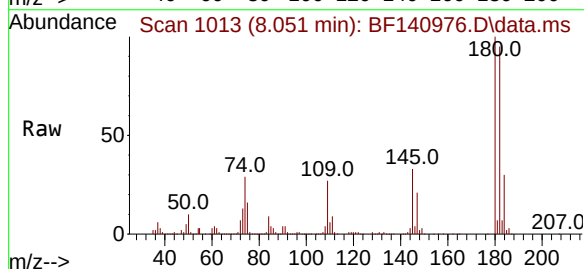
Tgt Ion:180 Resp: 943563

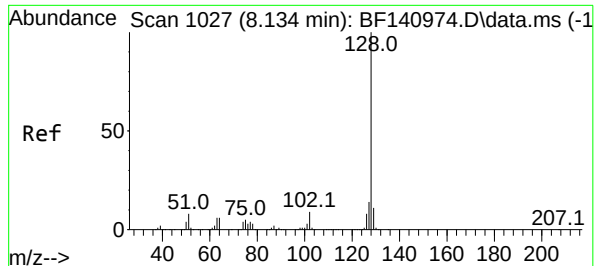
Ion Ratio Lower Upper

180 100

182 95.0 76.2 114.4

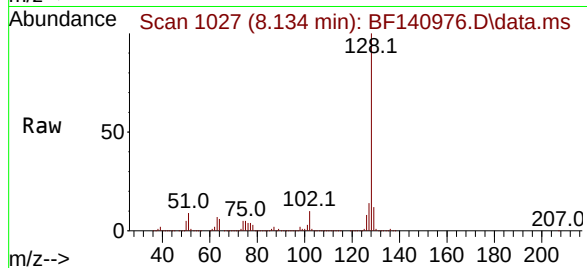
145 32.8 25.4 38.2





#31
Naphthalene
Concen: 55.296 ng
RT: 8.134 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

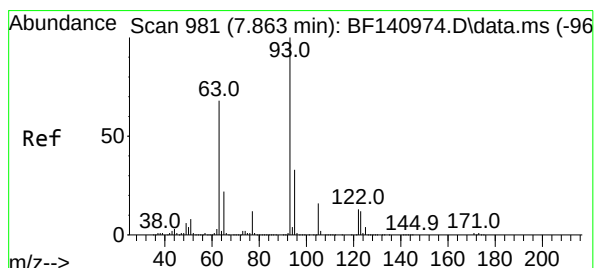
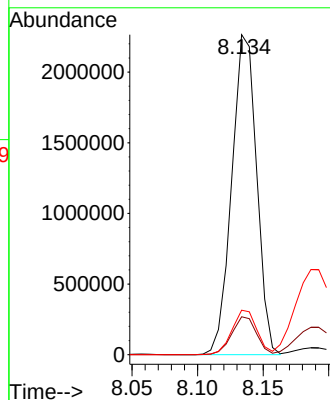
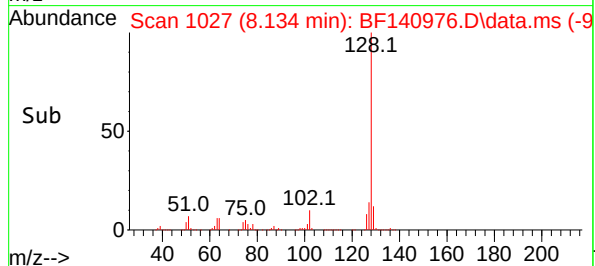
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:128 Resp: 299834
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 13.9 11.0 16.4

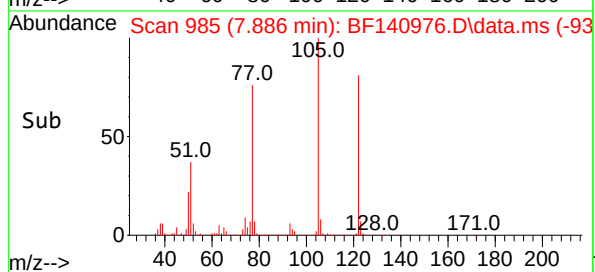
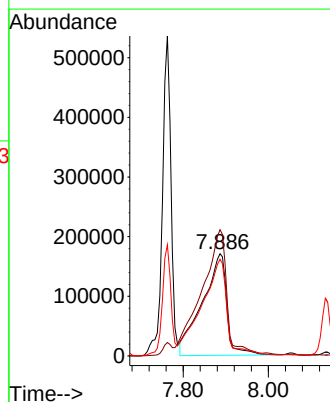
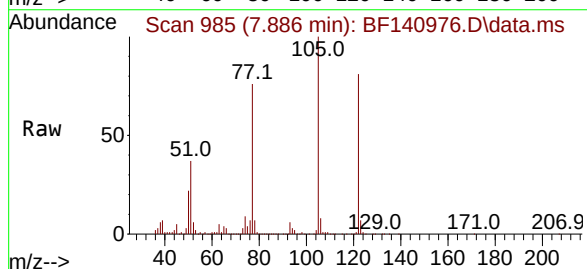
Manual Integrations
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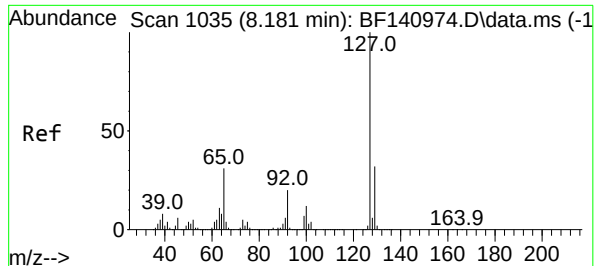
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#32
Benzoic acid
Concen: 62.038 ng
RT: 7.886 min Scan# 985
Delta R.T. 0.023 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

Tgt Ion:122 Resp: 681257
Ion Ratio Lower Upper
122 100
105 123.4 105.4 145.4
77 94.4 76.4 116.4





#33

4-Chloroaniline

Concen: 57.778 ng

RT: 8.186 min Scan# 1035

Delta R.T. 0.006 min

Lab File: BF140976.D

Acq: 26 Dec 2024 18:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:127 Resp: 113339

Ion Ratio Lower Upper

127 100

129 32.2 26.1 39.1

65 31.5 24.6 37.0

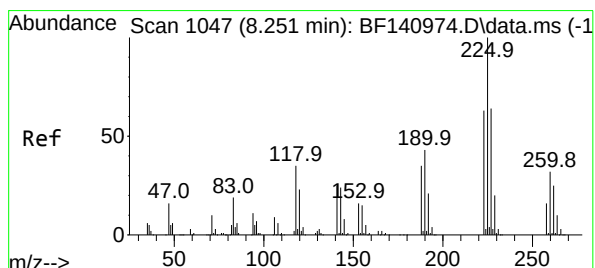
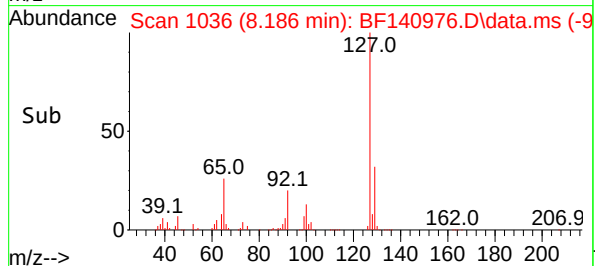
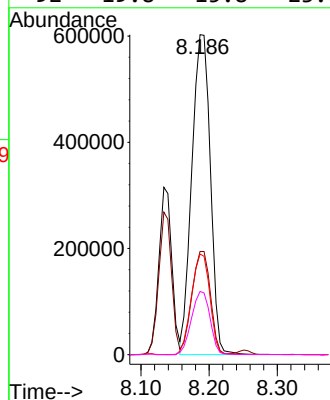
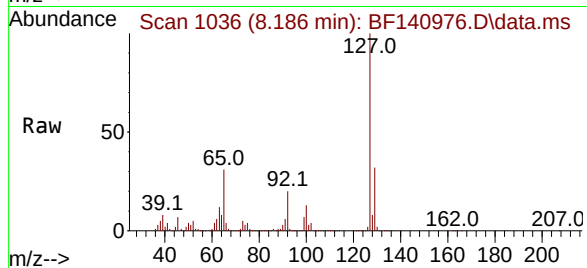
92 19.8 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#34

Hexachlorobutadiene

Concen: 57.963 ng

RT: 8.251 min Scan# 1047

Delta R.T. -0.000 min

Lab File: BF140976.D

Acq: 26 Dec 2024 18:59

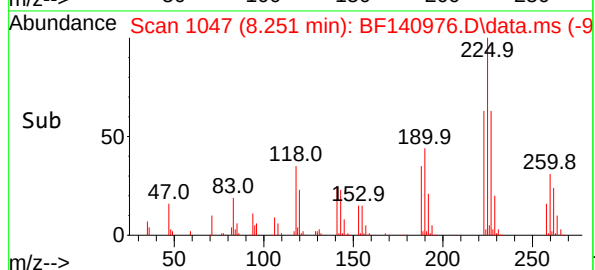
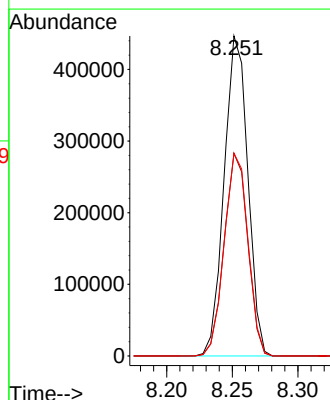
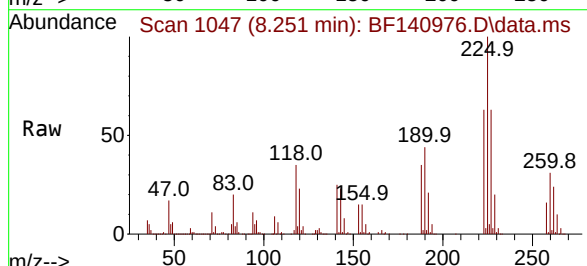
Tgt Ion:225 Resp: 561087

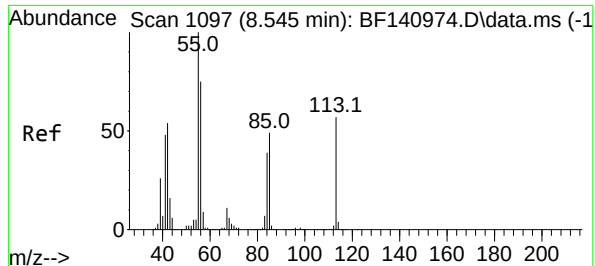
Ion Ratio Lower Upper

225 100

223 63.3 50.3 75.5

227 63.4 50.8 76.2





#35

Caprolactam

Concen: 59.682 ng

RT: 8.557 min Scan# 1109

Delta R.T. 0.012 min

Lab File: BF140976.D

Acq: 26 Dec 2024 18:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:113 Resp: 29436

Ion Ratio Lower Upper

113 100

55 178.6 156.6 196.6

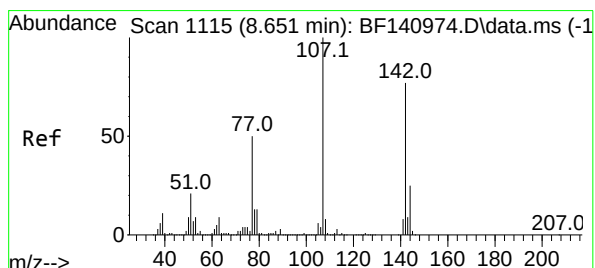
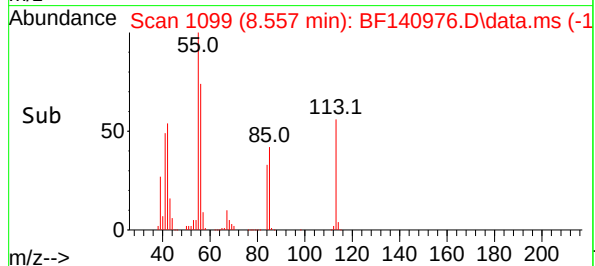
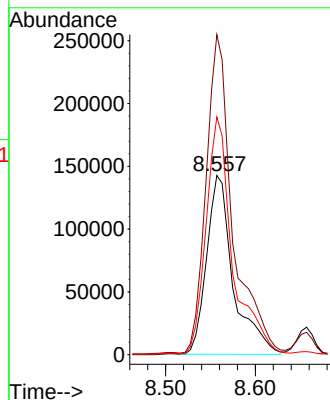
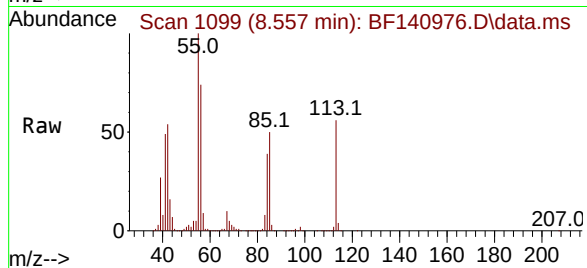
56 132.7 111.7 151.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#36

4-Chloro-3-methylphenol

Concen: 59.209 ng

RT: 8.657 min Scan# 1116

Delta R.T. 0.006 min

Lab File: BF140976.D

Acq: 26 Dec 2024 18:59

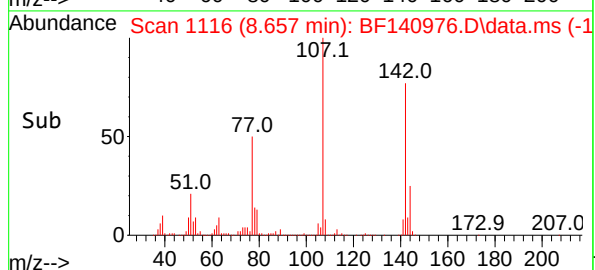
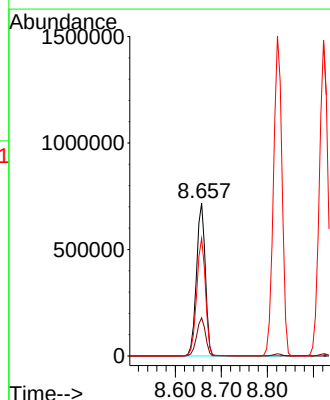
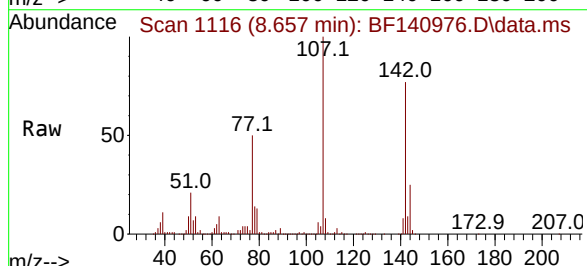
Tgt Ion:107 Resp: 953935

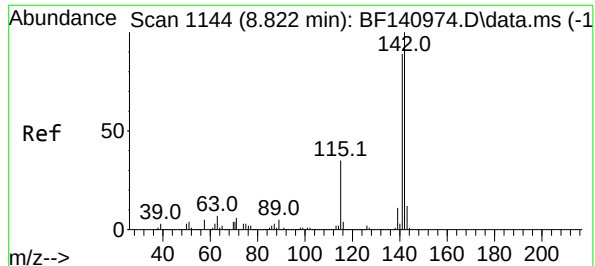
Ion Ratio Lower Upper

107 100

144 25.0 19.9 29.9

142 77.0 61.8 92.8





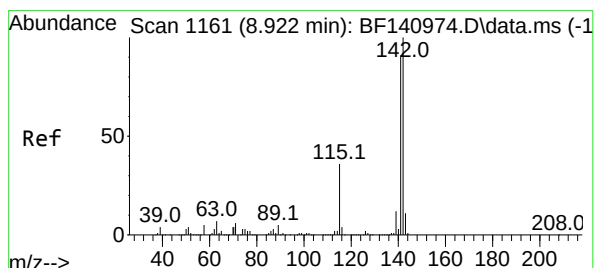
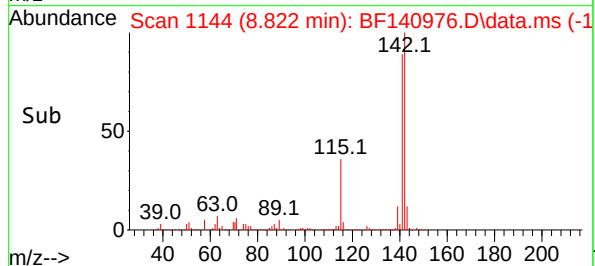
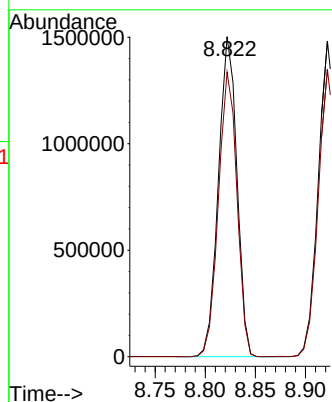
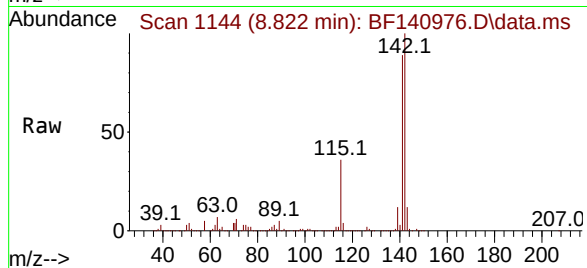
#37
2-Methylnaphthalene
Concen: 55.487 ng
RT: 8.822 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 1924790
Ion Ratio Lower Upper
142 100
141 88.9 71.1 106.7

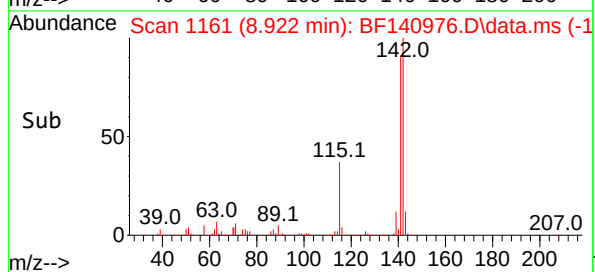
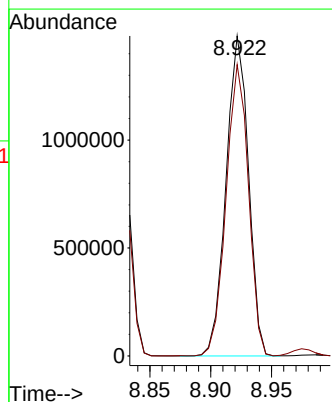
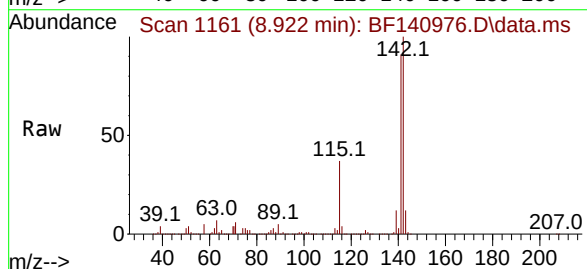
Manual Integrations
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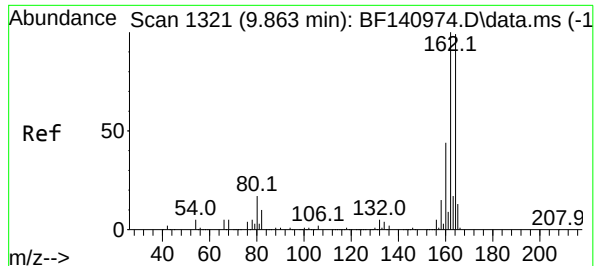
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#38
1-Methylnaphthalene
Concen: 55.689 ng
RT: 8.922 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

Tgt Ion:142 Resp: 1898518
Ion Ratio Lower Upper
142 100
141 91.1 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF140976.D

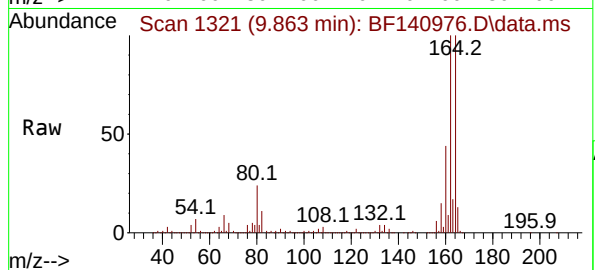
Acq: 26 Dec 2024 18:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:164 Resp: 545680

Ion Ratio Lower Upper

164 100

162 99.6 80.6 120.8

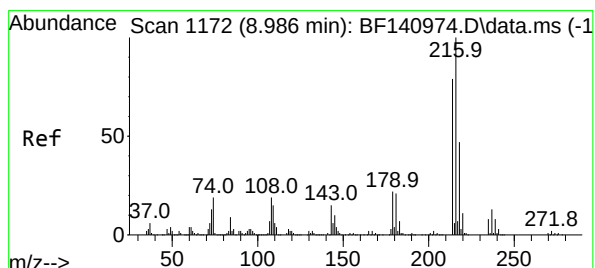
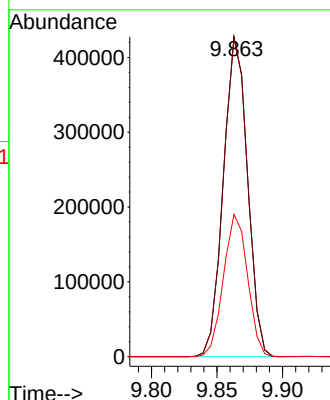
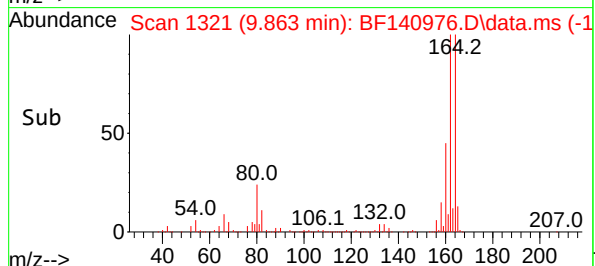
160 44.5 35.7 53.5

Manual Integrations

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Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#40

1,2,4,5-Tetrachlorobenzene

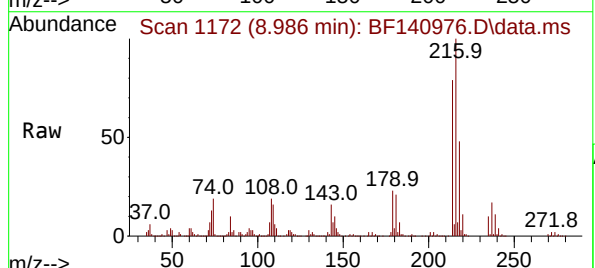
Concen: 57.327 ng

RT: 8.986 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF140976.D

Acq: 26 Dec 2024 18:59



Tgt Ion:216 Resp: 860616

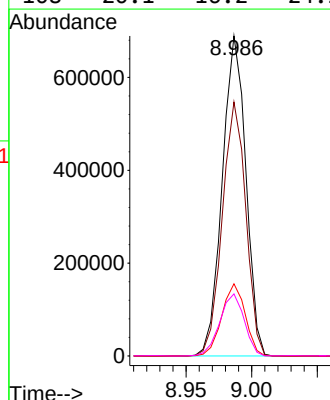
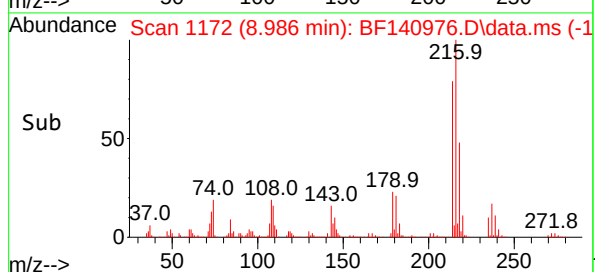
Ion Ratio Lower Upper

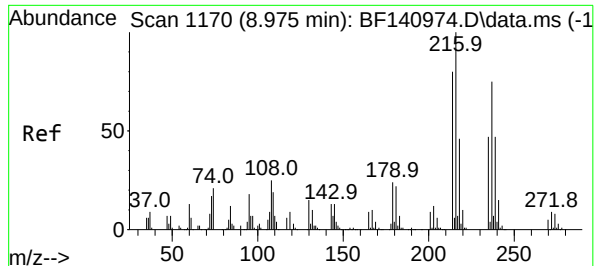
216 100

214 79.1 63.0 94.6

179 22.4 17.9 26.9

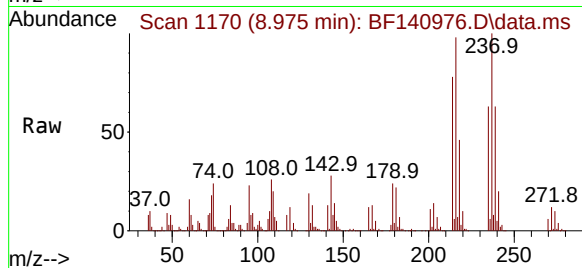
108 20.1 16.2 24.2





#41
Hexachlorocyclopentadiene
Concen: 62.648 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

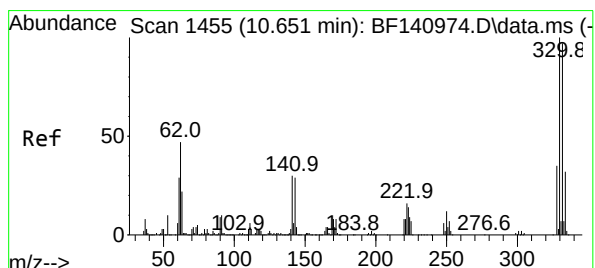
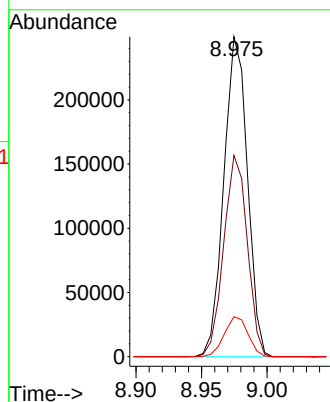
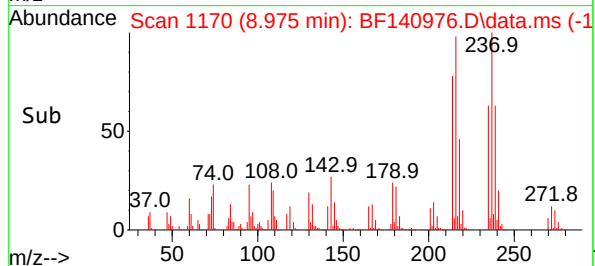
Instrument :
BNA_F
Client Sample Id :
SSTDICC060



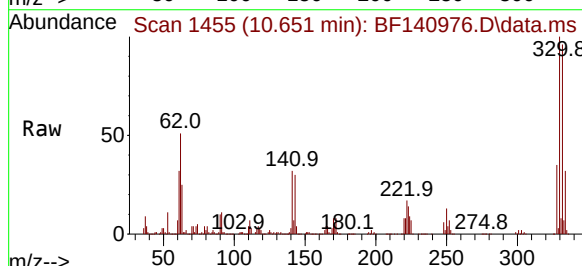
Tgt Ion: 237 Resp: 31166
Ion Ratio Lower Upper
237 100
235 62.9 43.4 83.4
272 12.5 0.0 32.6

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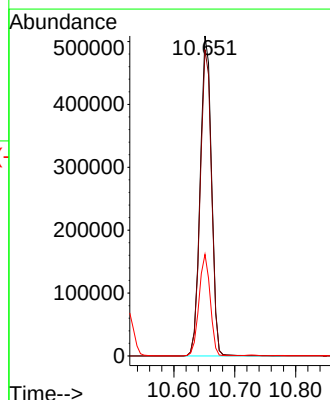
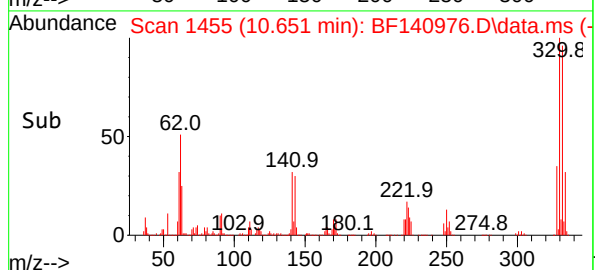
Reviewed By : Yogesh Patel 12/27/2024
Supervised By : mohammad ahmed 12/27/2024

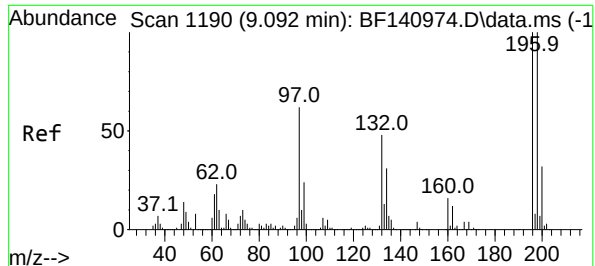


#42
2,4,6-Tribromophenol
Concen: 123.146 ng
RT: 10.651 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59



Tgt Ion: 330 Resp: 652968
Ion Ratio Lower Upper
330 100
332 96.1 78.0 117.0
141 31.5 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 62.389 ng

RT: 9.098 min Scan# 1190

Delta R.T. 0.006 min

Lab File: BF140976.D

Acq: 26 Dec 2024 18:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:196 Resp: 623350

Ion Ratio Lower Upper

196 100

198 99.8 80.2 120.4

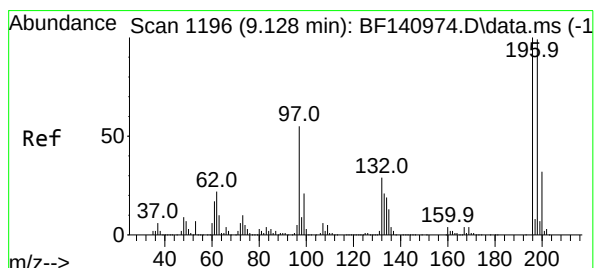
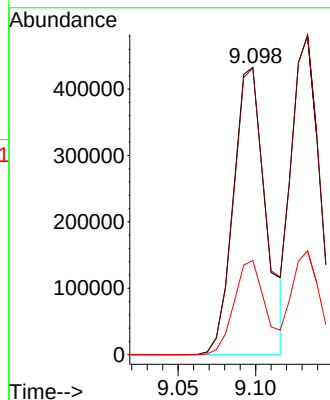
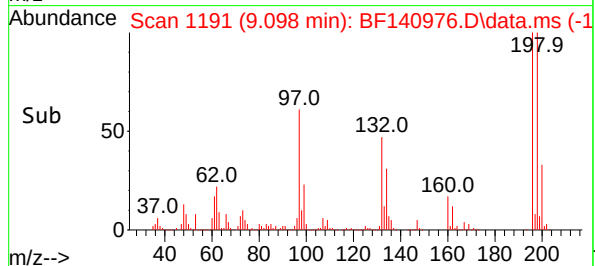
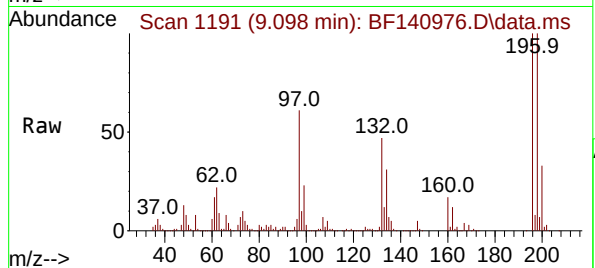
200 32.8 25.8 38.6

Manual Integrations

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Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#44

2,4,5-Trichlorophenol

Concen: 58.429 ng

RT: 9.133 min Scan# 1197

Delta R.T. 0.006 min

Lab File: BF140976.D

Acq: 26 Dec 2024 18:59

Tgt Ion:196 Resp: 597336

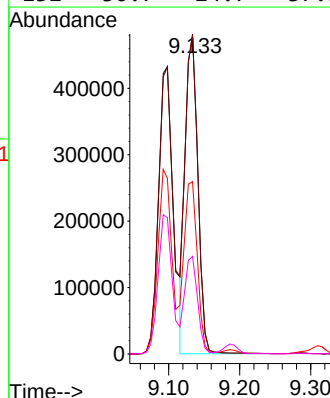
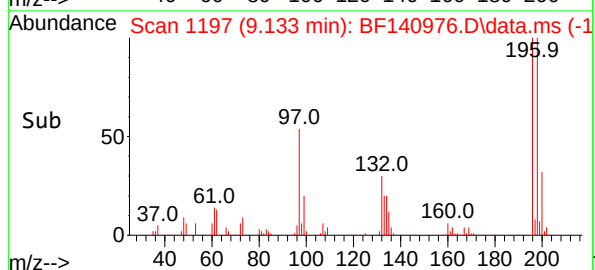
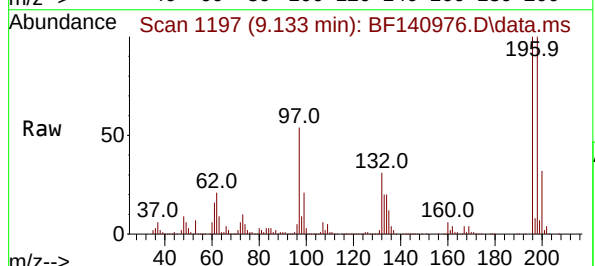
Ion Ratio Lower Upper

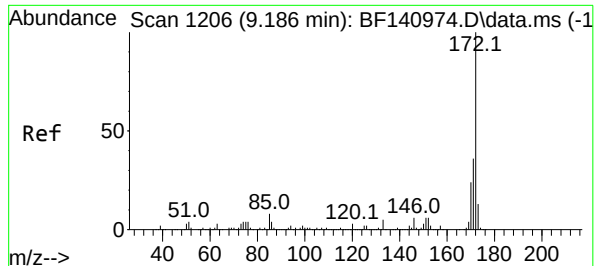
196 100

198 100.4 79.9 119.9

97 54.1 44.3 66.5

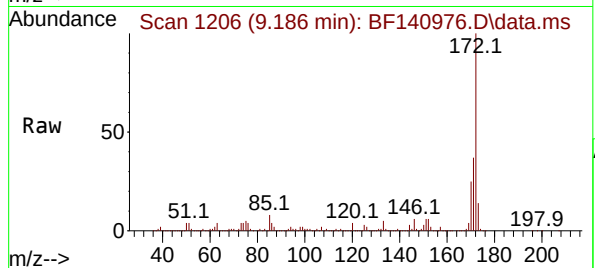
132 30.7 24.7 37.1





#45
2-Fluorobiphenyl
Concen: 105.387 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

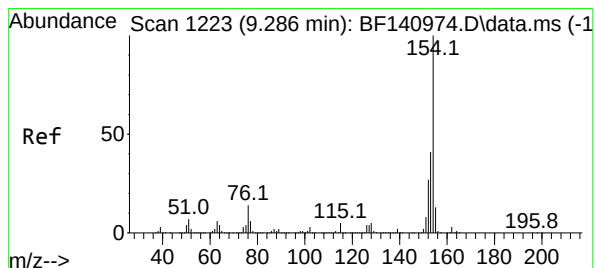
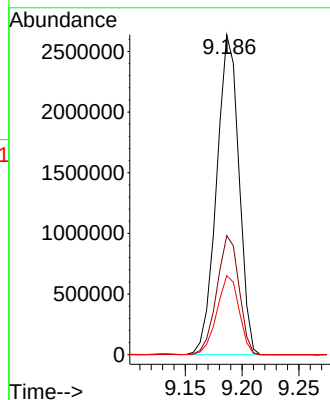
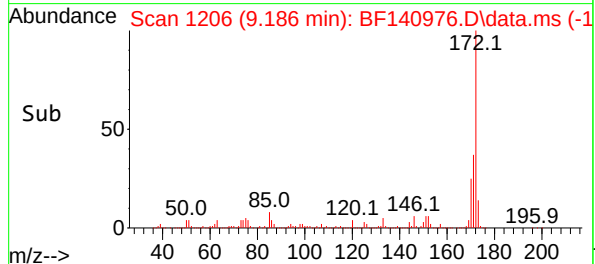
Instrument :
BNA_F
Client Sample Id :
SSTDICC060



Tgt Ion:172 Resp: 360948
Ion Ratio Lower Upper
172 100
171 37.2 29.0 43.4
170 24.7 19.6 29.4

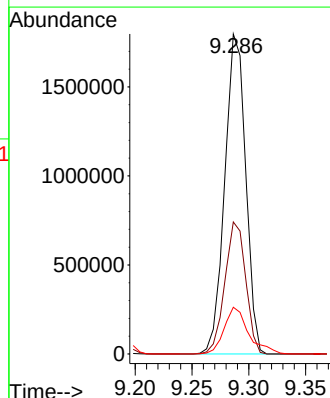
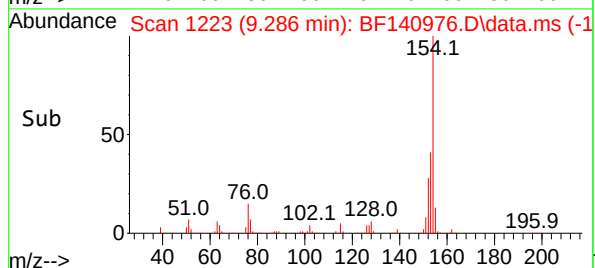
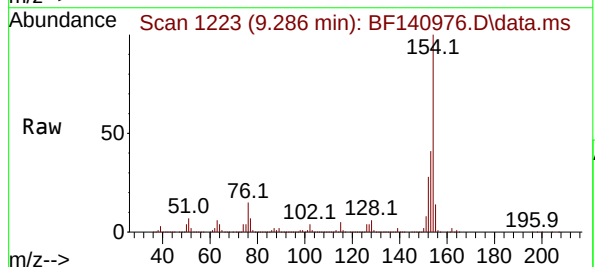
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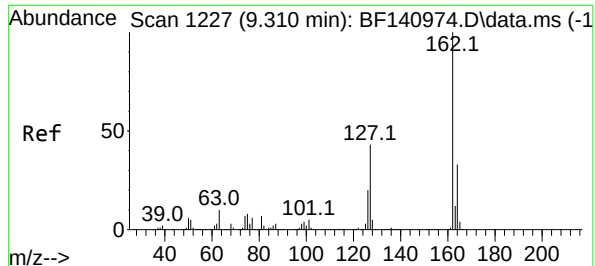
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#46
1,1'-Biphenyl
Concen: 55.102 ng
RT: 9.286 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

Tgt Ion:154 Resp: 2302280
Ion Ratio Lower Upper
154 100
153 41.2 20.9 60.9
76 14.6 0.0 34.0





#47

2-Chloronaphthalene

Concen: 55.777 ng

RT: 9.310 min Scan# 1227

Delta R.T. -0.000 min

Lab File: BF140976.D

Acq: 26 Dec 2024 18:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:162 Resp: 1807450

Ion Ratio Lower Upper

162 100

127 44.3 34.2 51.4

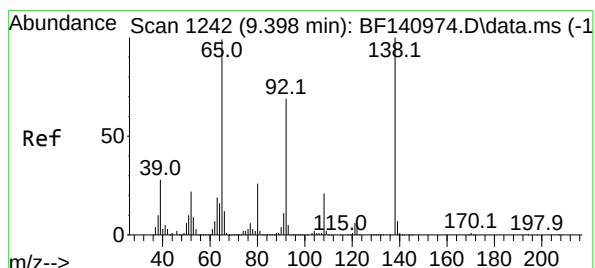
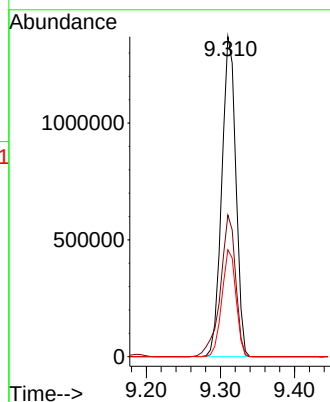
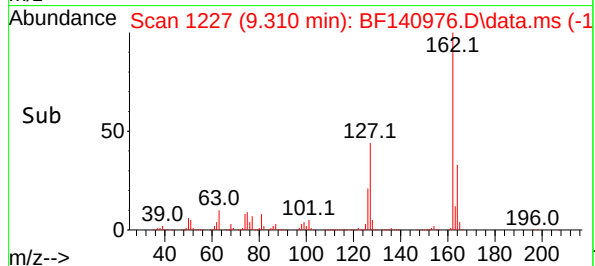
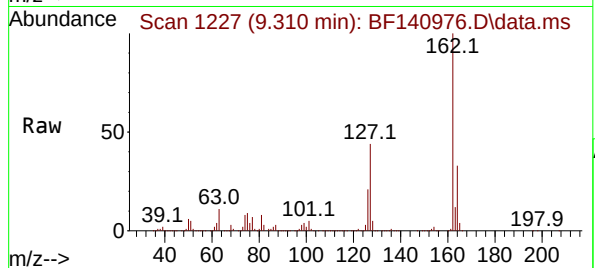
164 33.4 26.6 40.0

Manual Integrations

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Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#48

2-Nitroaniline

Concen: 61.984 ng

RT: 9.404 min Scan# 1243

Delta R.T. 0.006 min

Lab File: BF140976.D

Acq: 26 Dec 2024 18:59

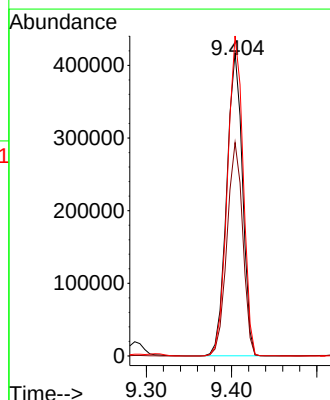
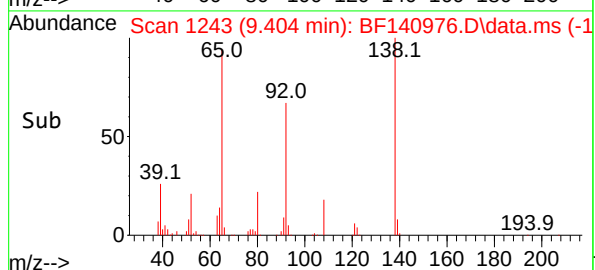
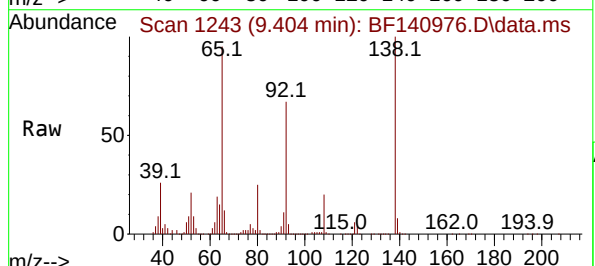
Tgt Ion: 65 Resp: 538159

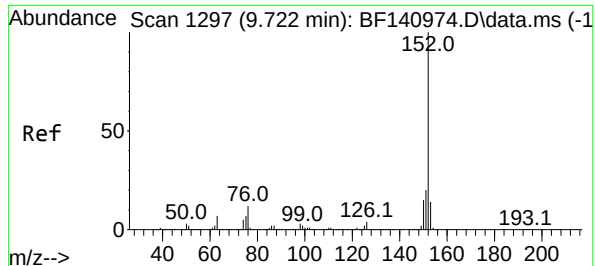
Ion Ratio Lower Upper

65 100

92 70.4 55.6 83.4

138 105.4 80.5 120.7





#49

Acenaphthylene

Concen: 55.811 ng

RT: 9.728 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140976.D

Acq: 26 Dec 2024 18:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:152 Resp: 2603514

Ion Ratio Lower Upper

152 100

151 20.7 16.2 24.4

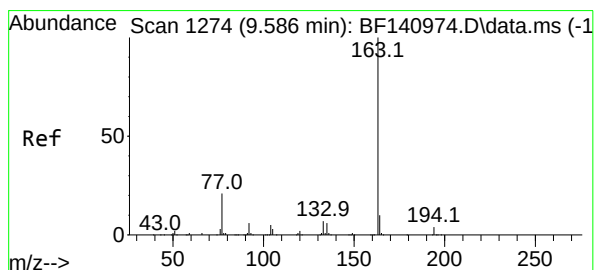
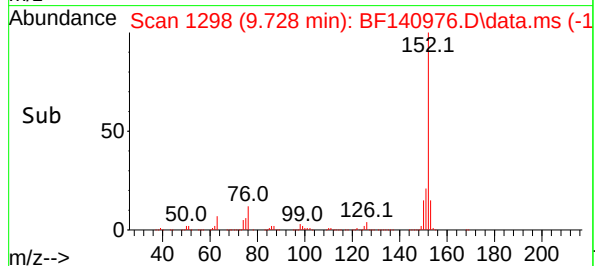
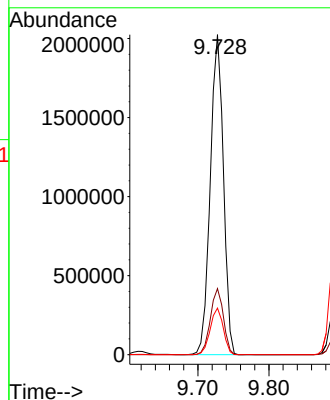
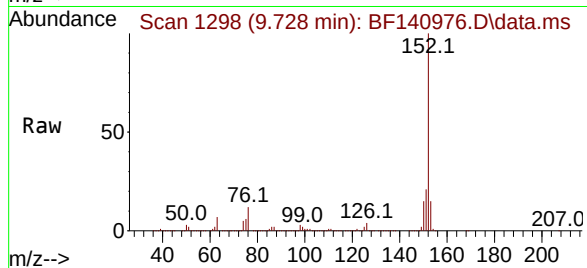
153 14.6 11.4 17.0

Manual Integrations

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Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#50

Dimethylphthalate

Concen: 57.054 ng

RT: 9.592 min Scan# 1275

Delta R.T. 0.006 min

Lab File: BF140976.D

Acq: 26 Dec 2024 18:59

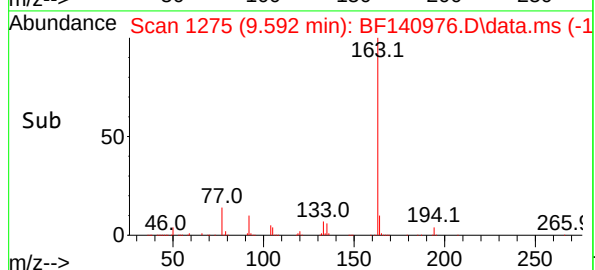
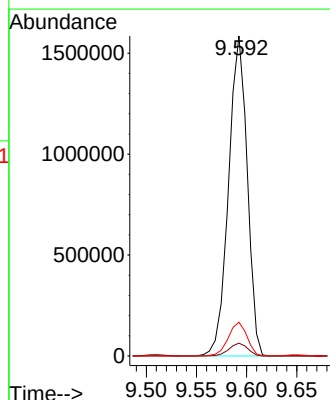
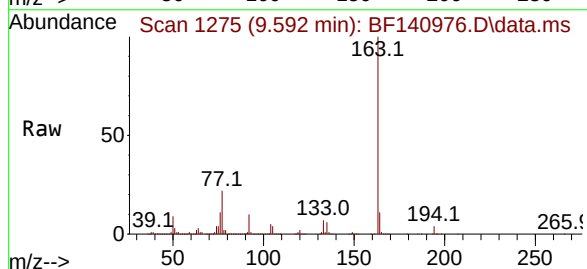
Tgt Ion:163 Resp: 2047854

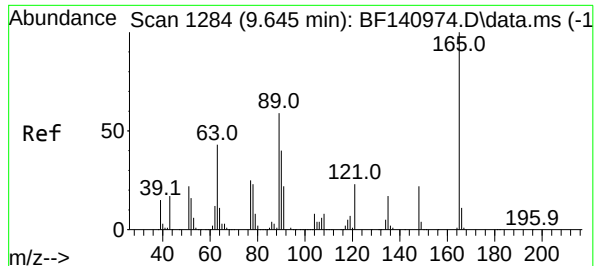
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.5 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 61.208 ng

RT: 9.651 min Scan# 1285

Delta R.T. 0.006 min

Lab File: BF140976.D

Acq: 26 Dec 2024 18:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:165 Resp: 455999

Ion Ratio Lower Upper

165 100

63 58.3 47.1 70.7

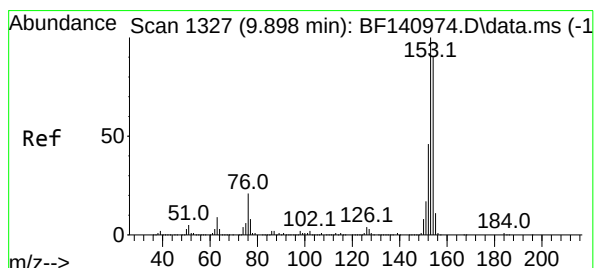
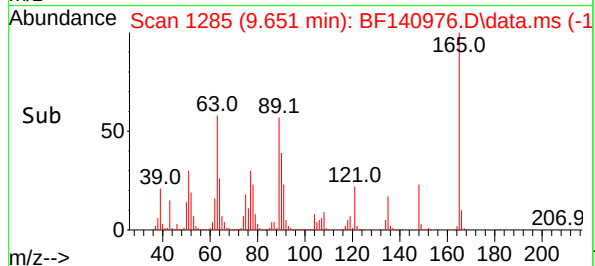
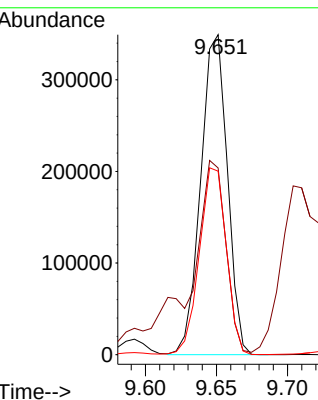
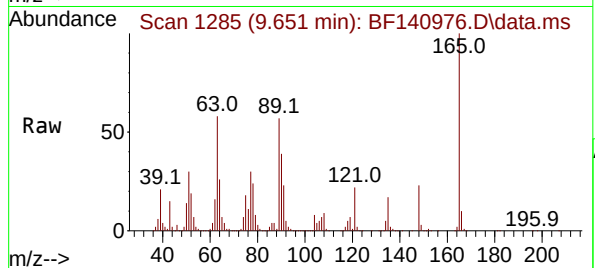
89 57.3 47.0 70.4

Manual Integrations

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Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#52

Acenaphthene

Concen: 56.633 ng

RT: 9.898 min Scan# 1327

Delta R.T. 0.000 min

Lab File: BF140976.D

Acq: 26 Dec 2024 18:59

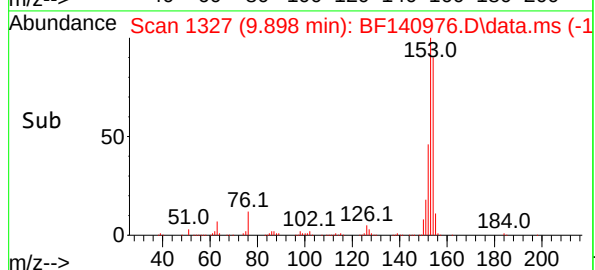
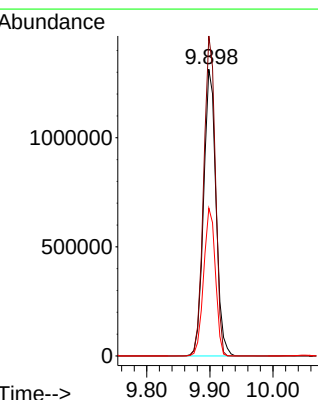
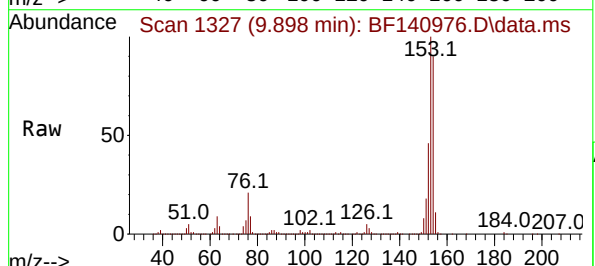
Tgt Ion:154 Resp: 1786036

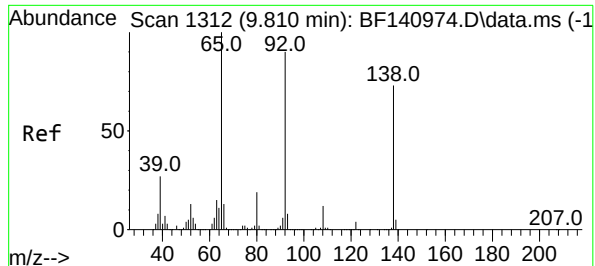
Ion Ratio Lower Upper

154 100

153 111.6 89.2 133.8

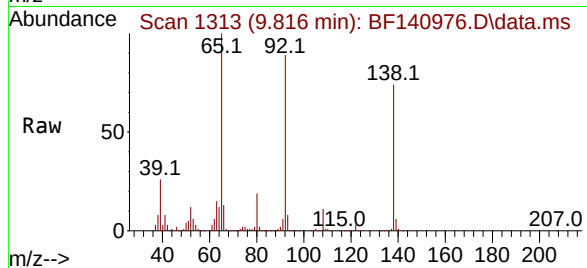
152 51.5 40.9 61.3





#53
3-Nitroaniline
Concen: 61.600 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

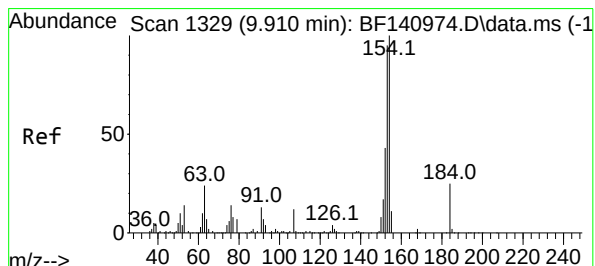
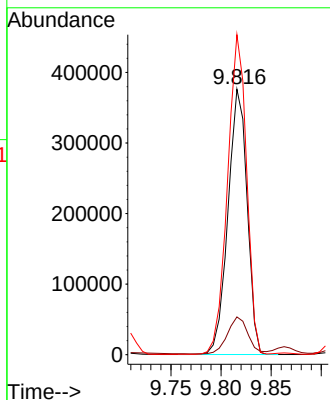
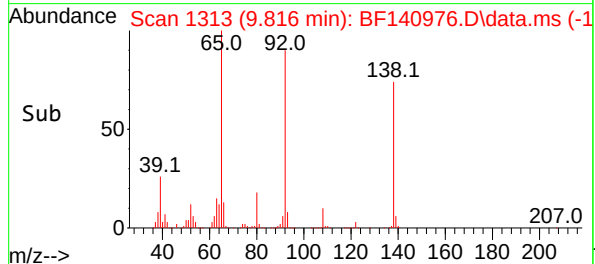
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:138 Resp: 498260
Ion Ratio Lower Upper
138 100
108 14.2 13.5 20.3
92 120.6 97.7 146.5

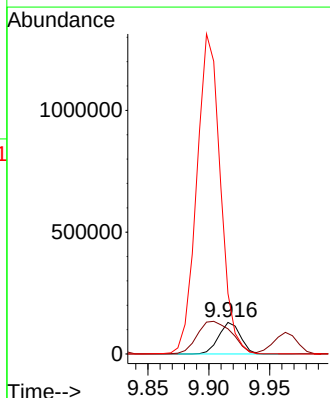
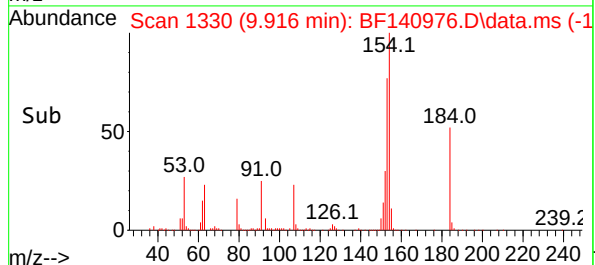
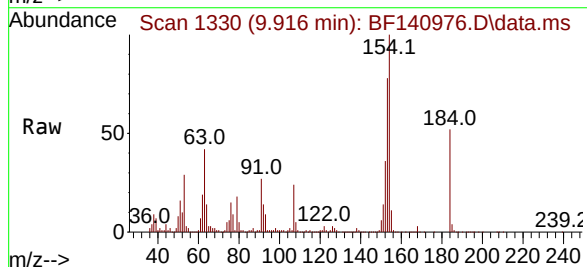
Manual Integrations
APPROVED

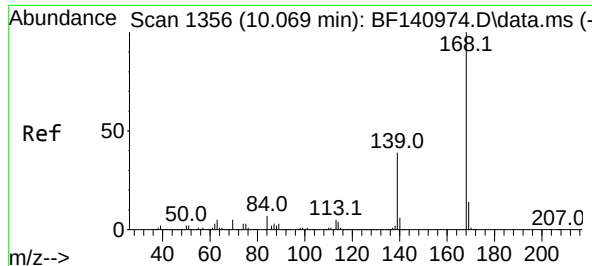
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#54
2,4-Dinitrophenol
Concen: 62.314 ng
RT: 9.916 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

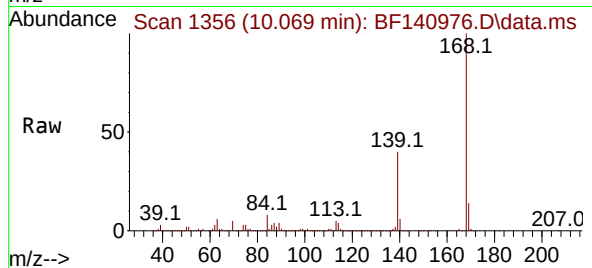
Tgt Ion:184 Resp: 160979
Ion Ratio Lower Upper
184 100
63 79.8 81.6 122.4#
154 191.8 363.5 545.3#





#55
Dibenzenofuran
Concen: 55.896 ng
RT: 10.069 min Scan# 1356
Delta R.T. -0.000 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

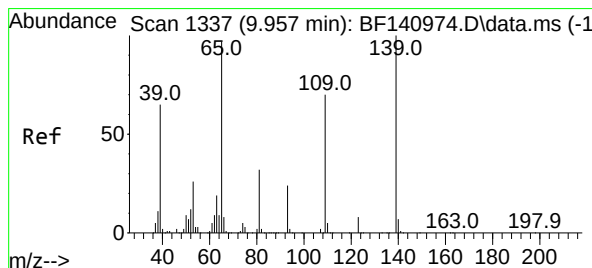
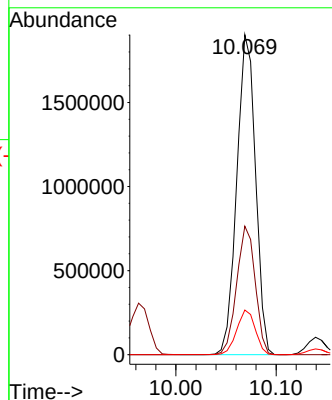
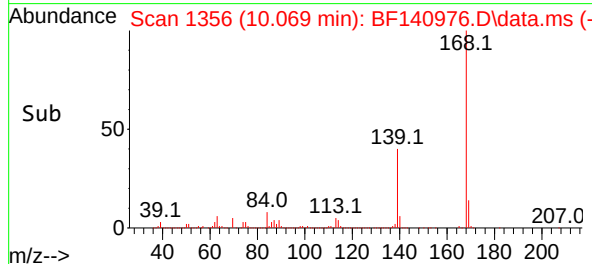
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:168 Resp: 2477328
Ion Ratio Lower Upper
168 100
139 40.2 31.6 47.4
169 14.0 11.0 16.6

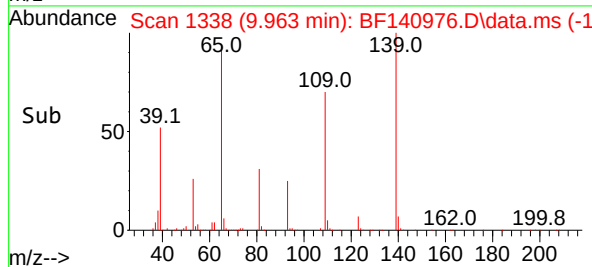
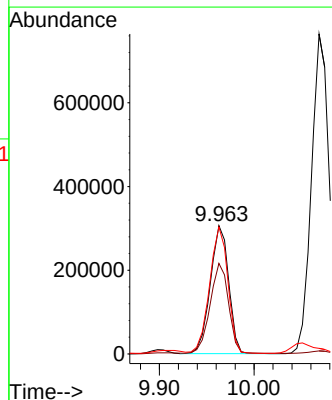
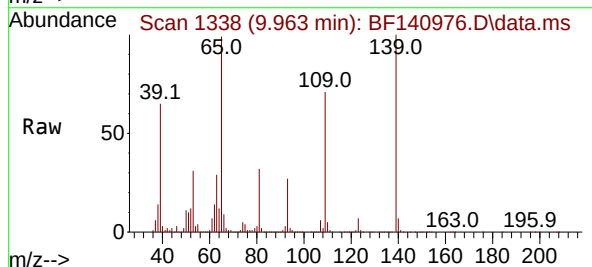
Manual Integrations
APPROVED

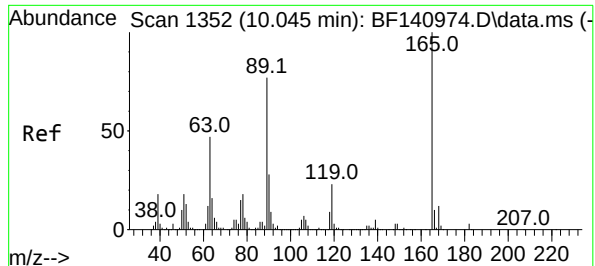
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#56
4-Nitrophenol
Concen: 67.472 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

Tgt Ion:139 Resp: 414262
Ion Ratio Lower Upper
139 100
109 70.5 50.8 90.8
65 99.0 78.5 118.5





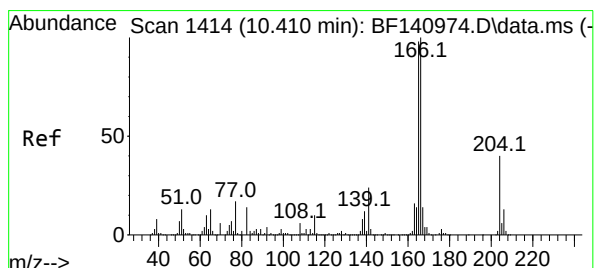
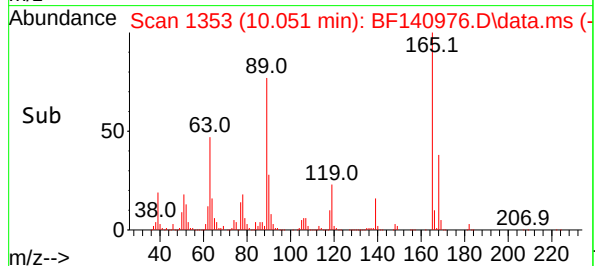
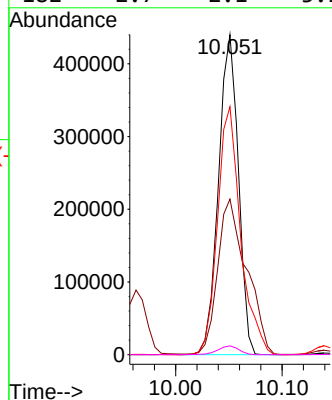
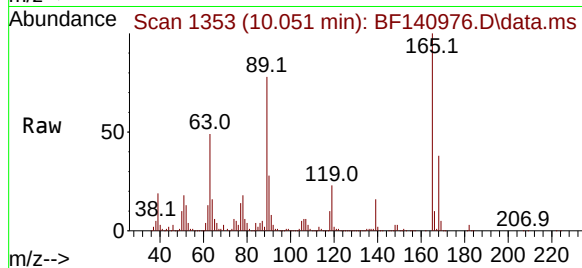
#57
2,4-Dinitrotoluene
Concen: 62.002 ng
RT: 10.051 min Scan# 1353
Delta R.T. 0.006 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 56834
Ion Ratio Lower Upper
165 100
63 48.6 38.1 57.1
89 77.5 61.4 92.2
182 2.7 2.1 3.1

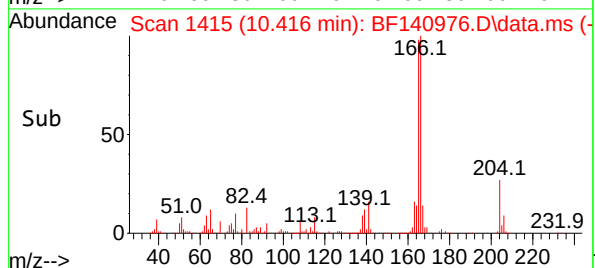
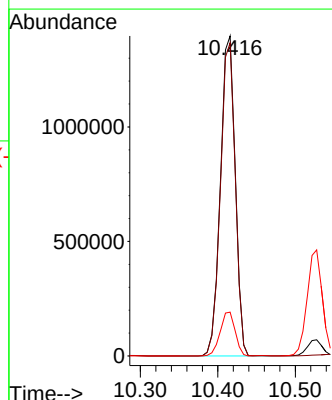
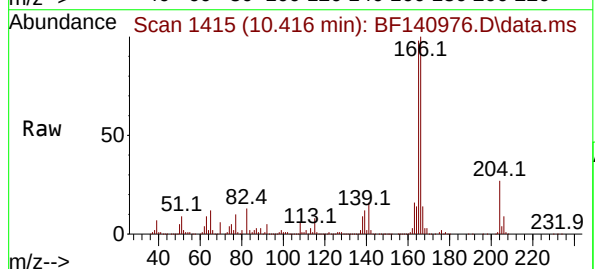
Manual Integrations
APPROVED

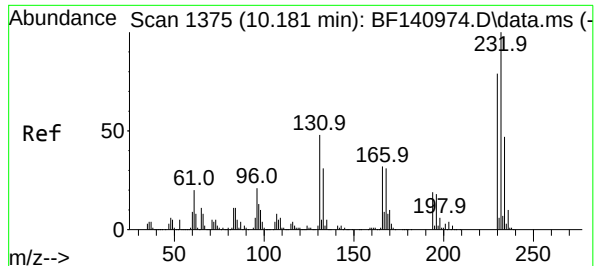
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#58
Fluorene
Concen: 54.047 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

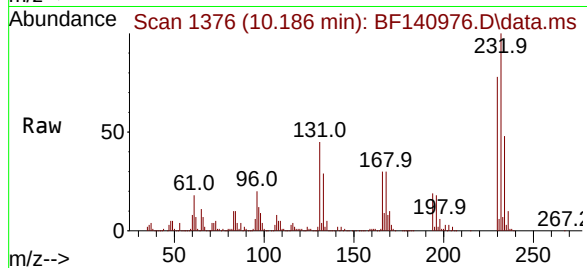
Tgt Ion:166 Resp: 1857483
Ion Ratio Lower Upper
166 100
165 97.8 78.3 117.5
167 13.7 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 61.184 ng
RT: 10.186 min Scan# 1375
Delta R.T. 0.006 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

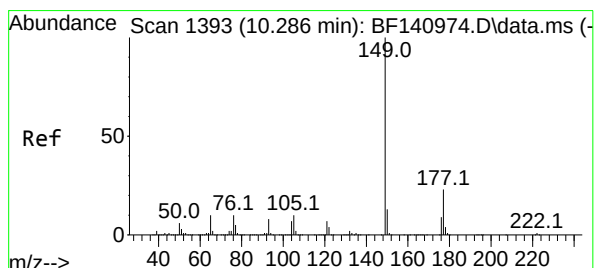
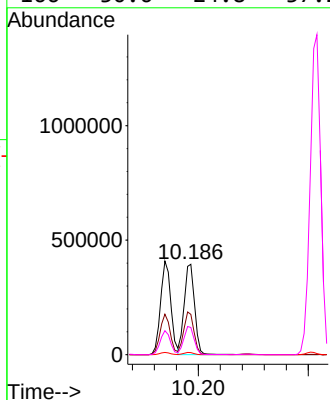
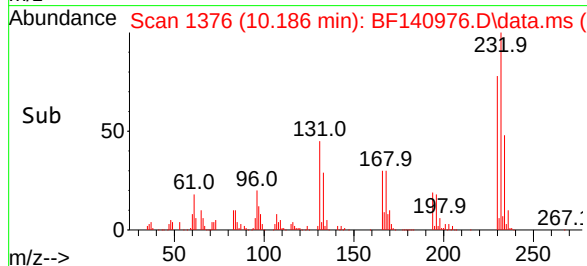
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:232 Resp: 518034
Ion Ratio Lower Upper
232 100
131 45.9 37.4 56.2
130 2.3 1.8 2.8
166 30.6 24.8 37.2

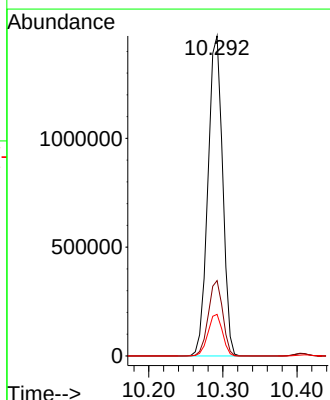
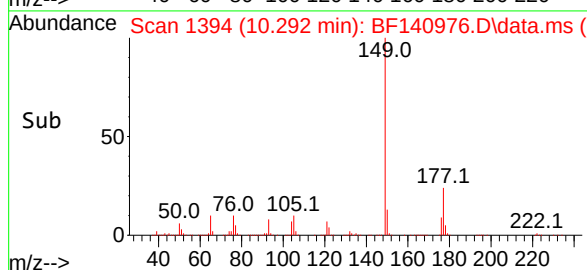
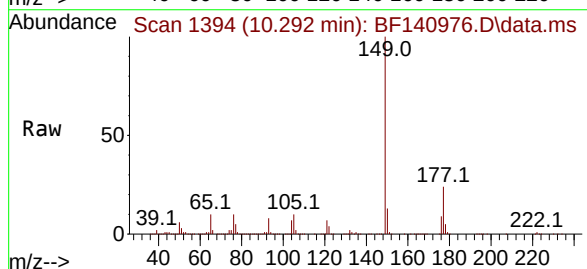
Manual Integrations
APPROVED

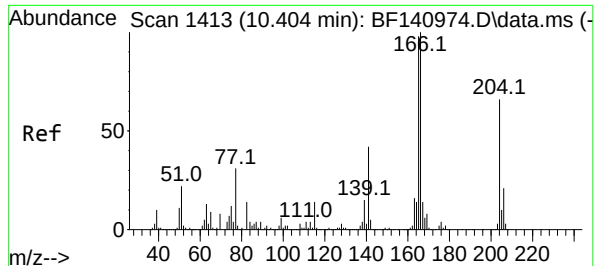
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#60
Diethylphthalate
Concen: 56.895 ng
RT: 10.292 min Scan# 1394
Delta R.T. 0.006 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

Tgt Ion:149 Resp: 2016065
Ion Ratio Lower Upper
149 100
177 23.6 18.3 27.5
150 13.0 10.4 15.6





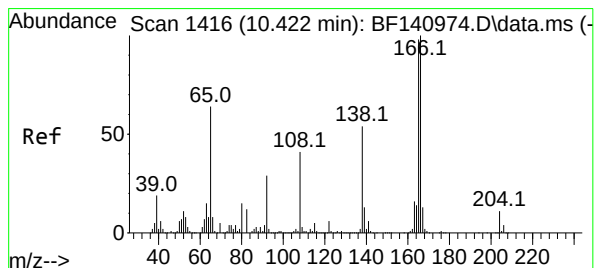
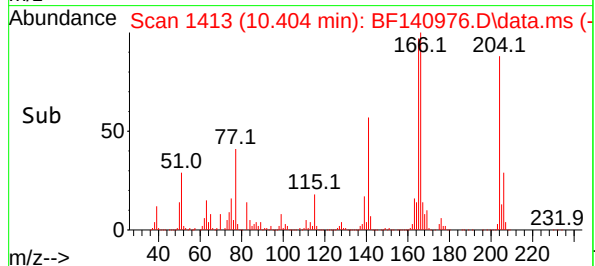
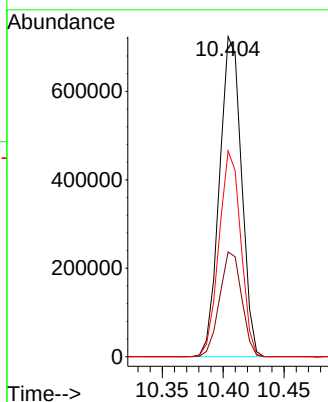
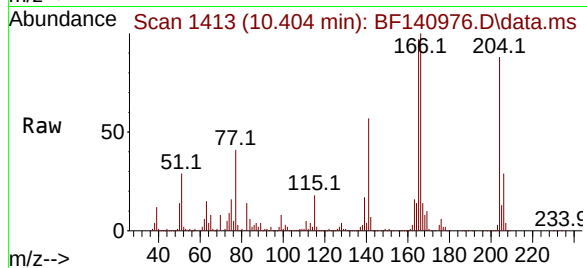
#61
4-Chlorophenyl-phenylether
Concen: 55.139 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:204 Resp: 91184
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.6
141 64.3 51.2 76.8

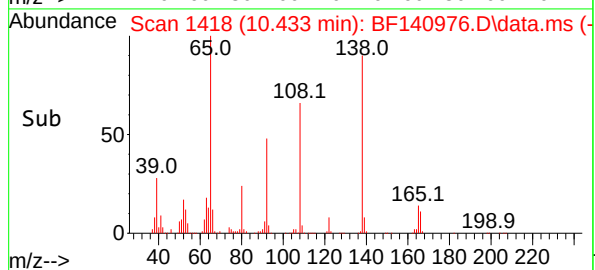
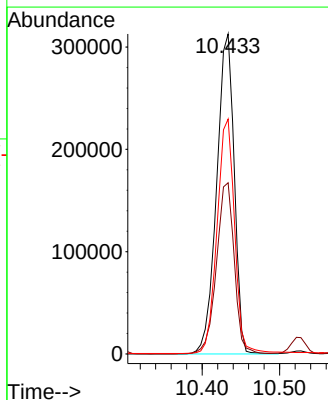
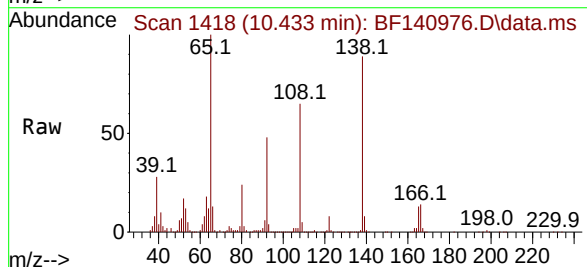
Manual Integrations
APPROVED

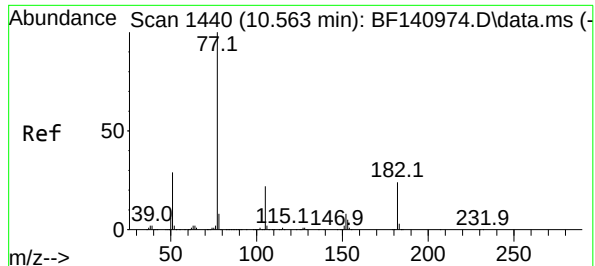
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#62
4-Nitroaniline
Concen: 60.999 ng
RT: 10.433 min Scan# 1418
Delta R.T. 0.011 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

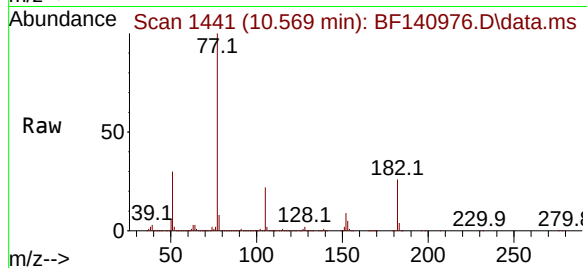
Tgt Ion:138 Resp: 492850
Ion Ratio Lower Upper
138 100
92 53.5 34.8 74.8
108 73.4 55.9 95.9





#63
Azobenzene
Concen: 56.916 ng
RT: 10.569 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

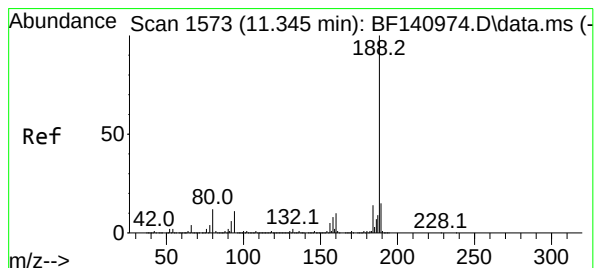
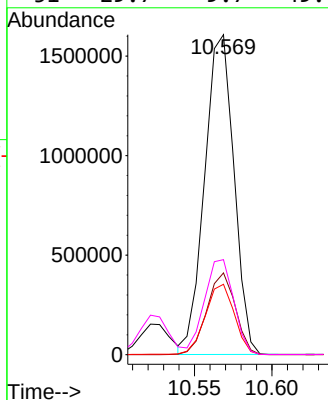
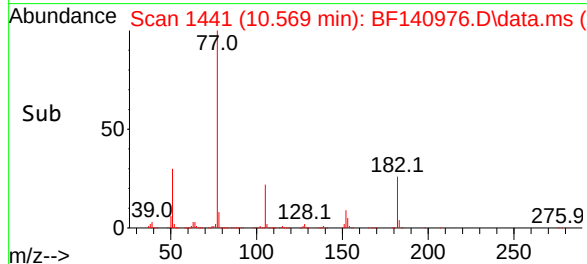
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion: 77 Resp: 211688
Ion Ratio Lower Upper
77 100
182 25.6 4.1 44.1
105 22.0 1.8 41.8
51 29.7 9.7 49.7

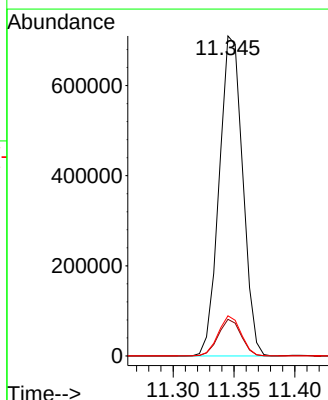
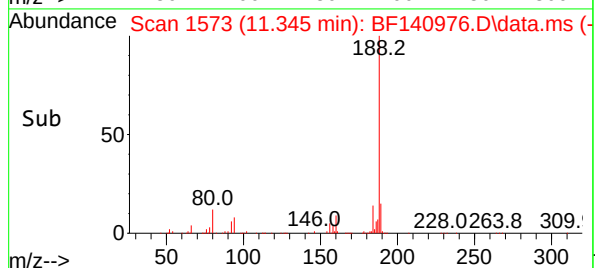
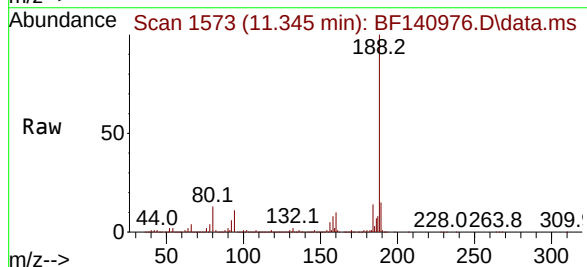
Manual Integrations
APPROVED

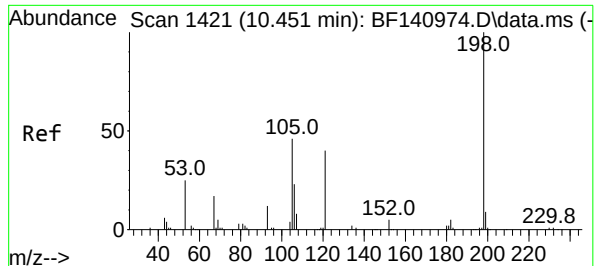
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

Tgt Ion:188 Resp: 952375
Ion Ratio Lower Upper
188 100
94 11.5 9.0 13.6
80 12.5 9.8 14.6





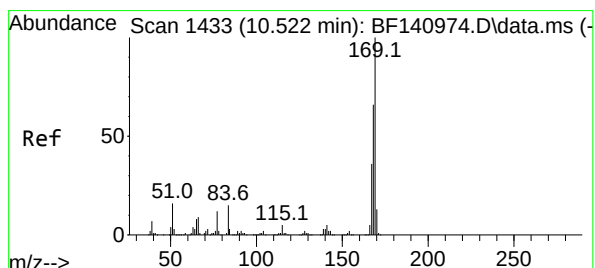
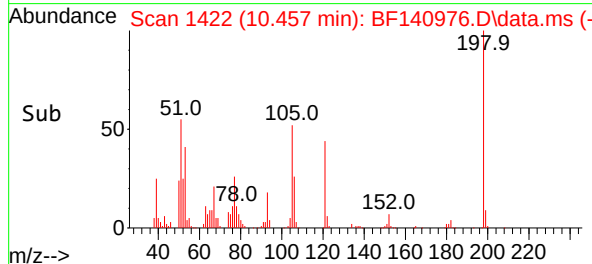
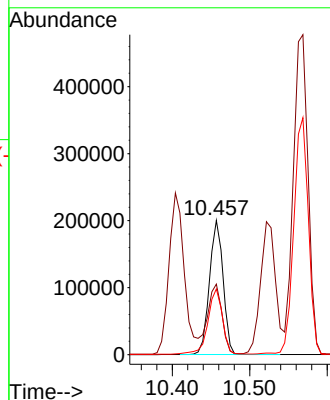
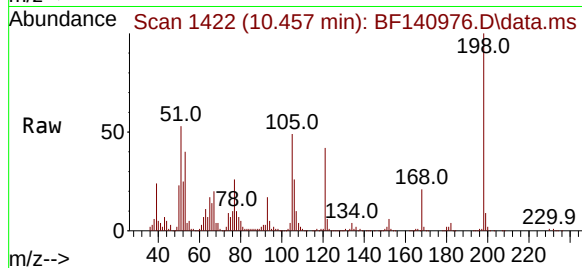
#65
4,6-Dinitro-2-methylphenol
Concen: 61.133 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 24418
Ion Ratio Lower Upper
198 100
51 52.6 32.3 72.3
105 49.0 28.4 68.4

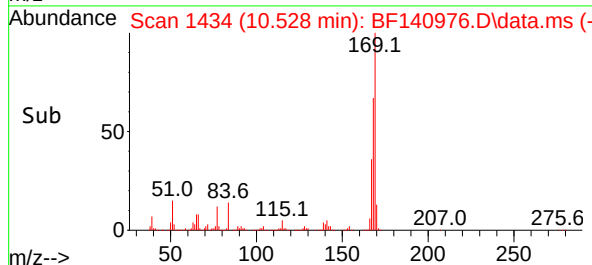
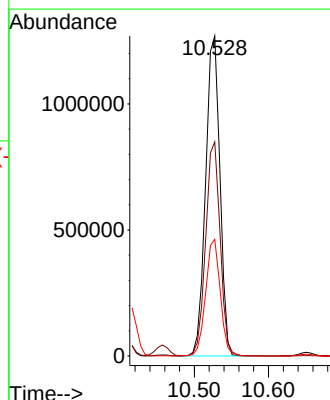
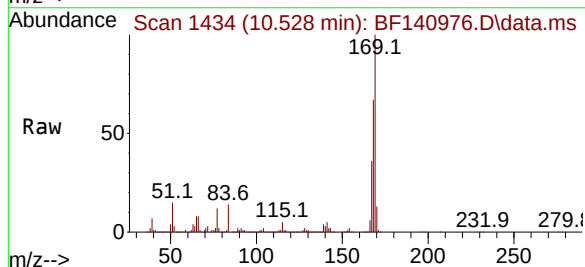
Manual Integrations
APPROVED

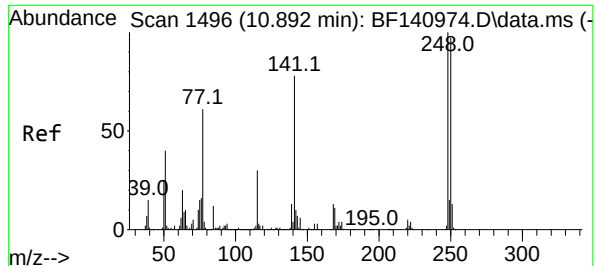
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#66
n-Nitrosodiphenylamine
Concen: 56.660 ng
RT: 10.528 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

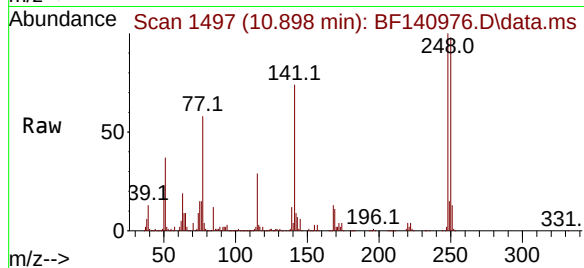
Tgt Ion:169 Resp: 1699227
Ion Ratio Lower Upper
169 100
168 66.9 52.6 79.0
167 36.5 29.0 43.4





#67
4-Bromophenyl-phenylether
Concen: 55.225 ng
RT: 10.898 min Scan# 1496
Delta R.T. 0.006 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

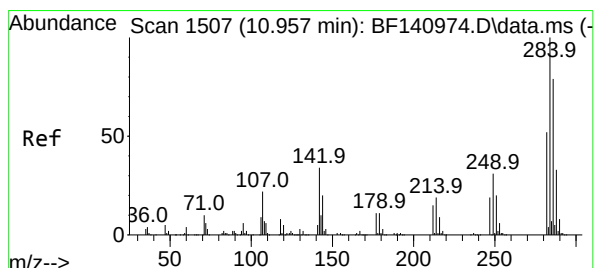
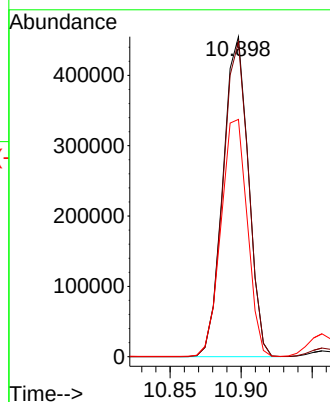
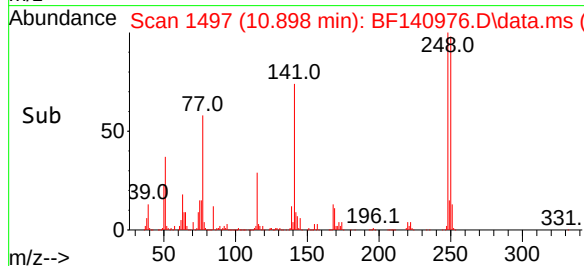
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:248 Resp: 568559
Ion Ratio Lower Upper
248 100
250 98.4 77.7 116.5
141 74.2 62.1 93.1

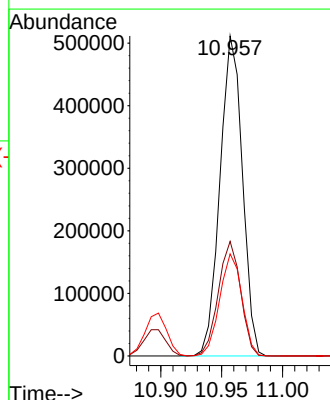
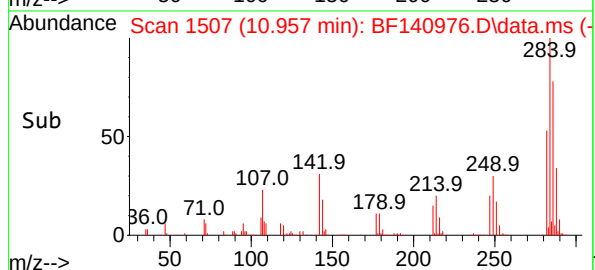
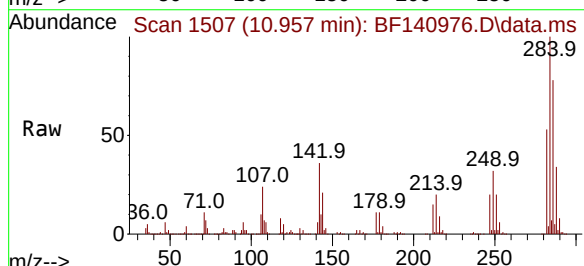
Manual Integrations
APPROVED

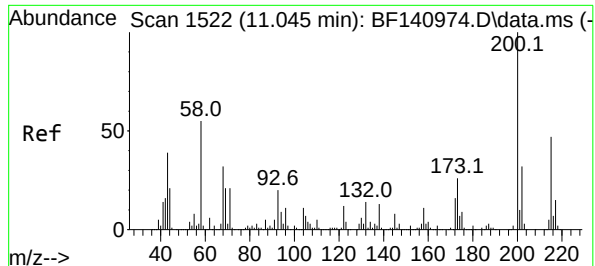
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#68
Hexachlorobenzene
Concen: 57.748 ng
RT: 10.957 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

Tgt Ion:284 Resp: 655571
Ion Ratio Lower Upper
284 100
142 35.8 27.1 40.7
249 31.9 25.1 37.7





#69

Atrazine

Concen: 47.727 ng

RT: 11.051 min Scan# 1522

Delta R.T. 0.006 min

Lab File: BF140976.D

Acq: 26 Dec 2024 18:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:200 Resp: 399874

Ion Ratio Lower Upper

200 100

173 26.2 6.4 46.4

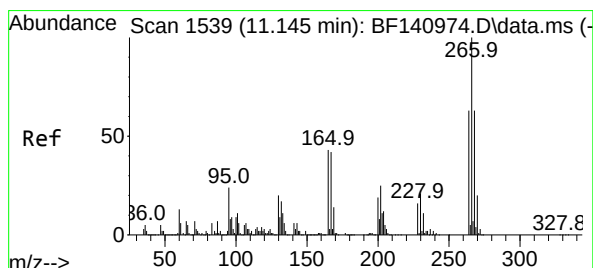
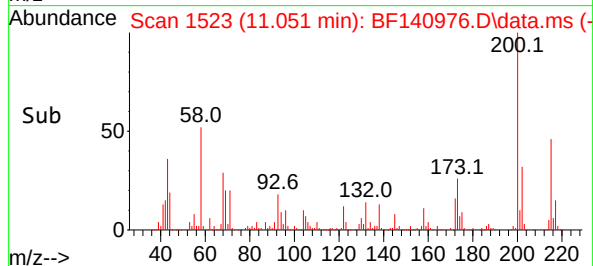
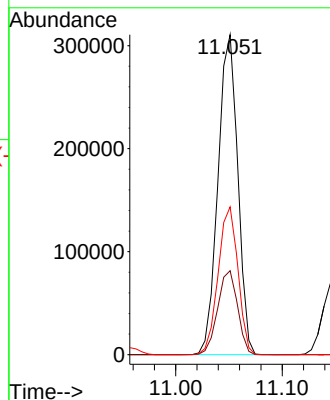
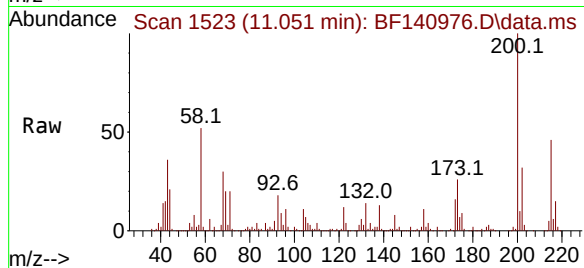
215 46.2 27.2 67.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#70

Pentachlorophenol

Concen: 65.024 ng

RT: 11.145 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF140976.D

Acq: 26 Dec 2024 18:59

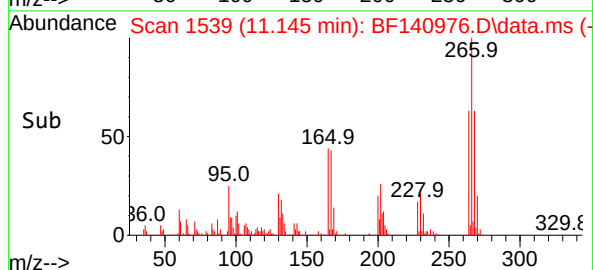
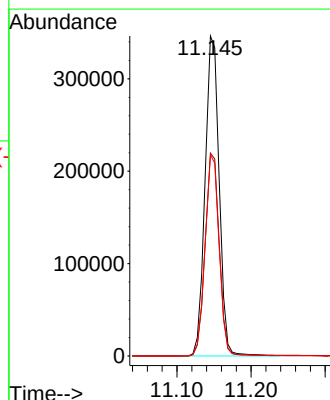
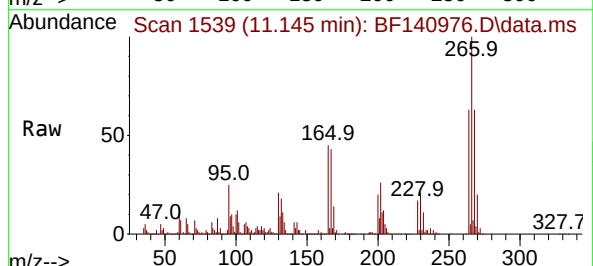
Tgt Ion:266 Resp: 459586

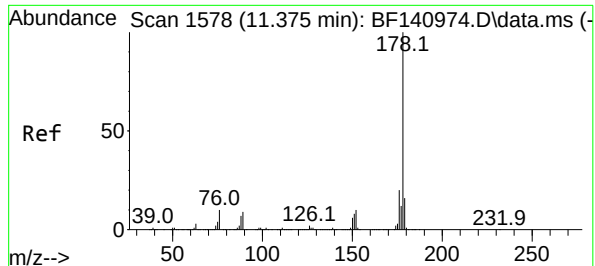
Ion Ratio Lower Upper

266 100

268 63.4 50.5 75.7

264 62.9 50.2 75.4





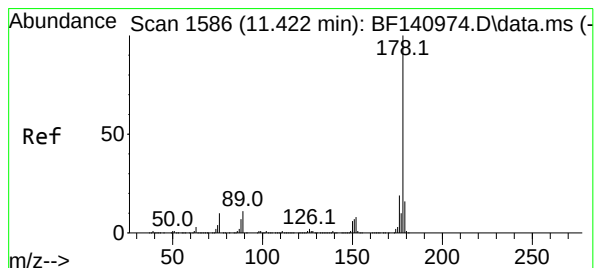
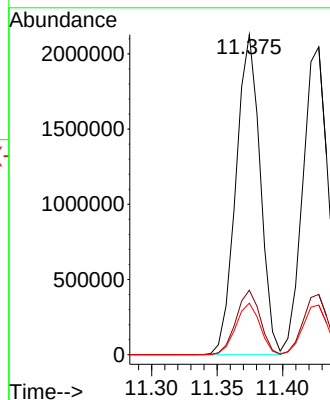
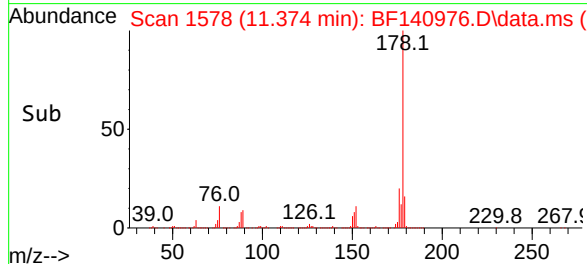
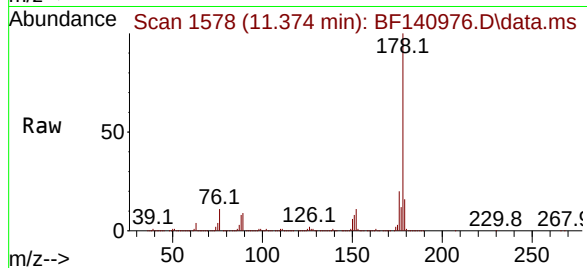
#71
Phenanthrene
Concen: 54.589 ng
RT: 11.374 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:178 Resp: 273624
Ion Ratio Lower Upper
178 100
176 20.2 15.8 23.6
179 16.1 12.6 19.0

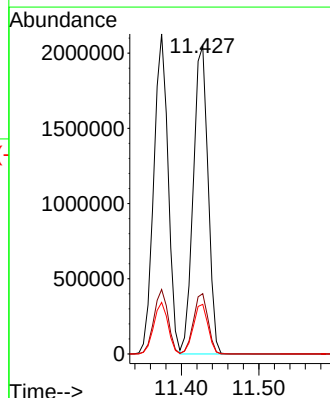
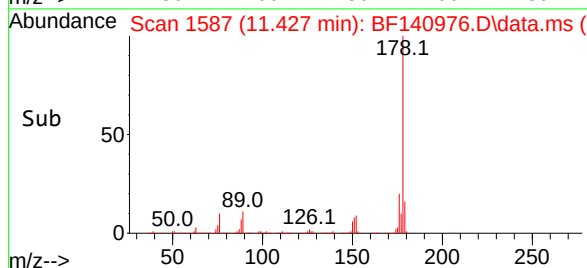
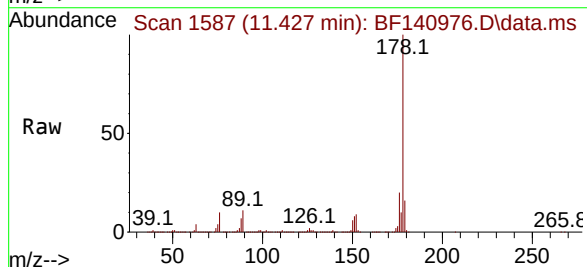
Manual Integrations
APPROVED

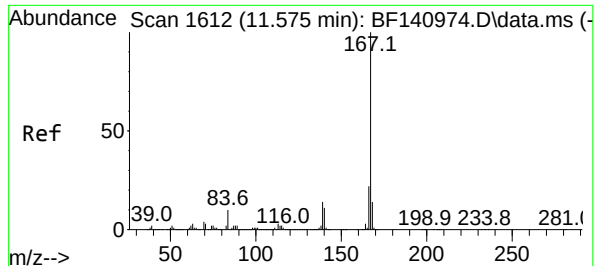
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#72
Anthracene
Concen: 54.978 ng
RT: 11.427 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

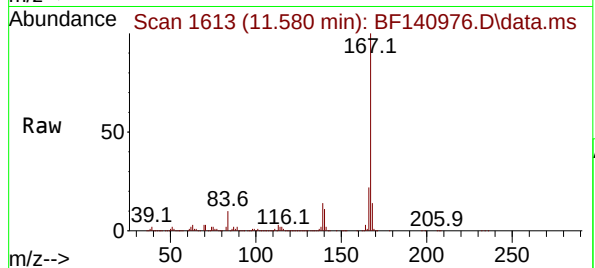
Tgt Ion:178 Resp: 2700285
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 16.1 12.9 19.3





#73
Carbazole
Concen: 54.876 ng
RT: 11.580 min Scan# 1612
Delta R.T. 0.006 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

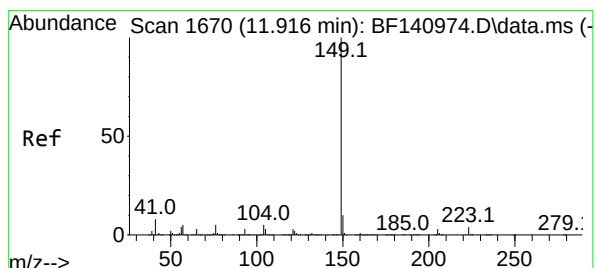
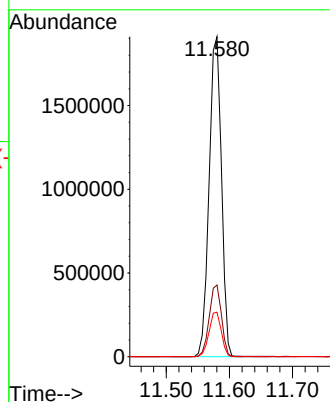
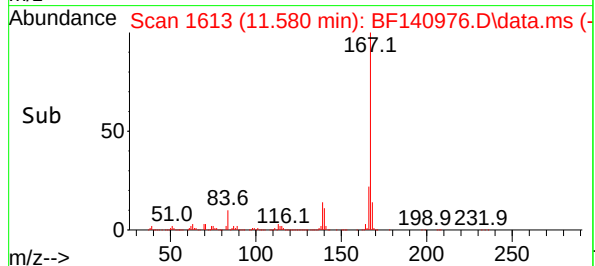
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:167 Resp: 2591020
Ion Ratio Lower Upper
167 100
166 22.4 17.5 26.3
139 13.9 11.0 16.4

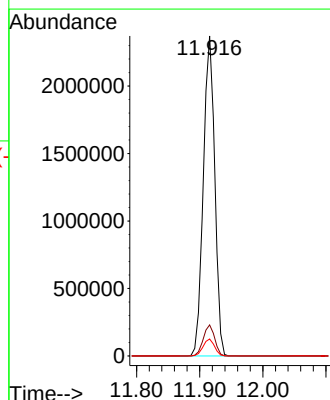
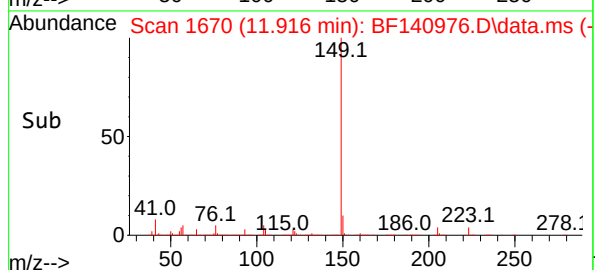
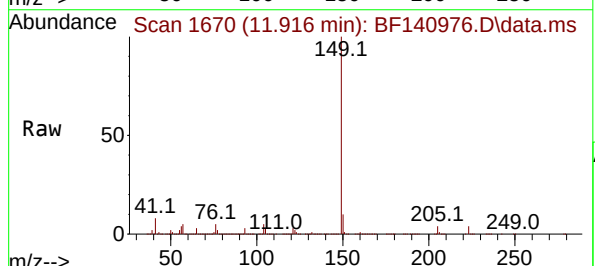
Manual Integrations
APPROVED

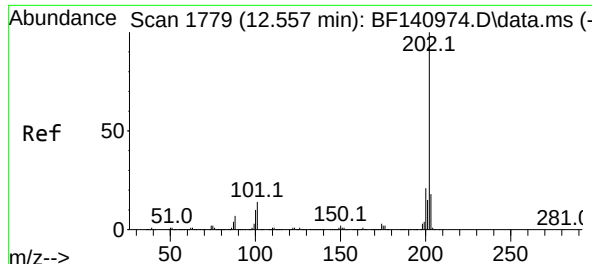
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#74
Di-n-butylphthalate
Concen: 55.537 ng
RT: 11.916 min Scan# 1670
Delta R.T. -0.000 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

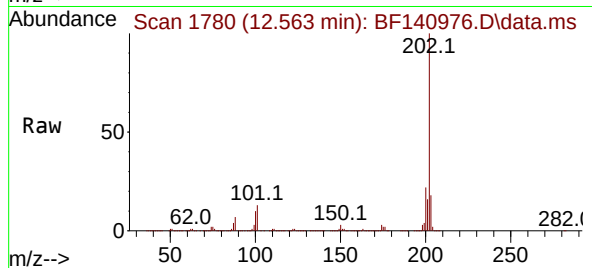
Tgt Ion:149 Resp: 2982533
Ion Ratio Lower Upper
149 100
150 9.7 7.7 11.5
104 5.3 4.1 6.1





#75
Fluoranthene
Concen: 54.394 ng
RT: 12.563 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

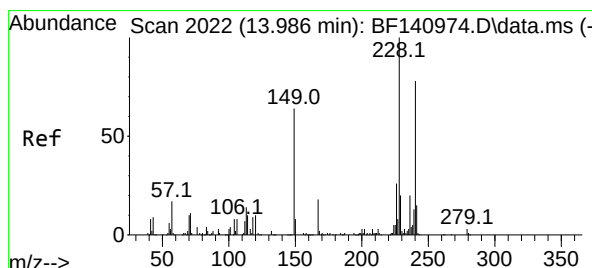
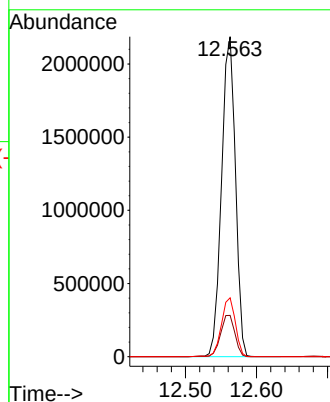
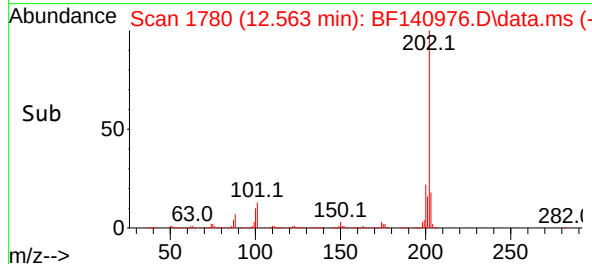
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:202 Resp: 295704
Ion Ratio Lower Upper
202 100
101 12.9 0.0 33.7
203 18.4 0.0 38.1

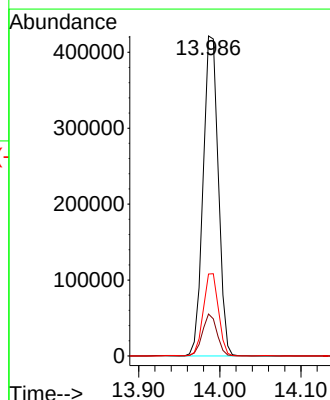
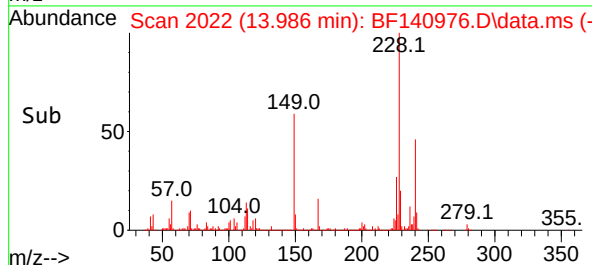
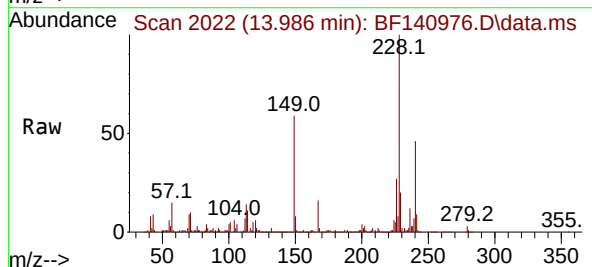
Manual Integrations
APPROVED

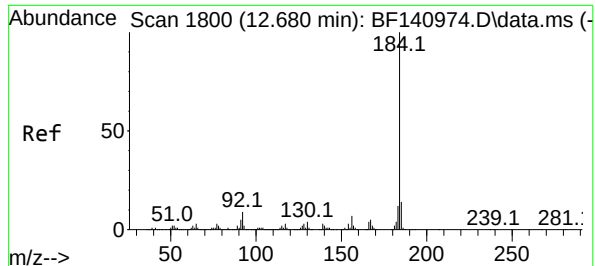
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

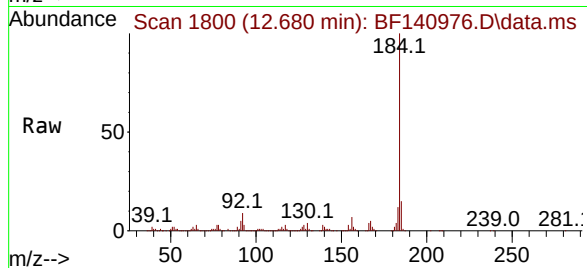
Tgt Ion:240 Resp: 546797
Ion Ratio Lower Upper
240 100
120 13.1 10.7 16.1
236 25.6 20.6 31.0





#77
Benzidine
Concen: 72.741 ng
RT: 12.680 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

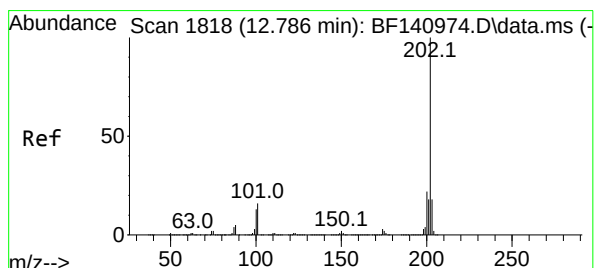
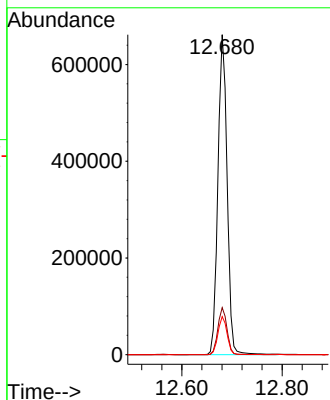
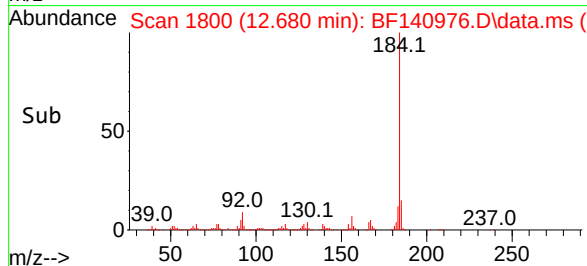
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:184 Resp: 840598
Ion Ratio Lower Upper
184 100
185 14.7 11.4 17.2
183 11.9 9.4 14.0

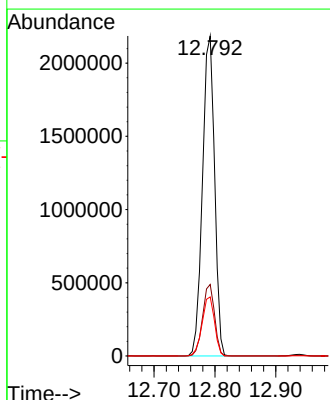
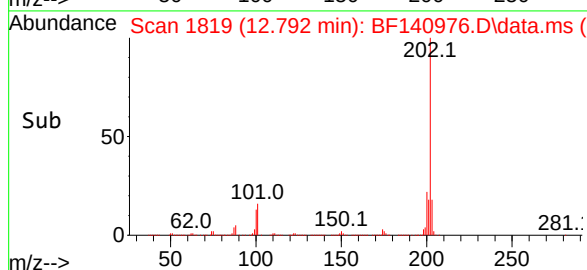
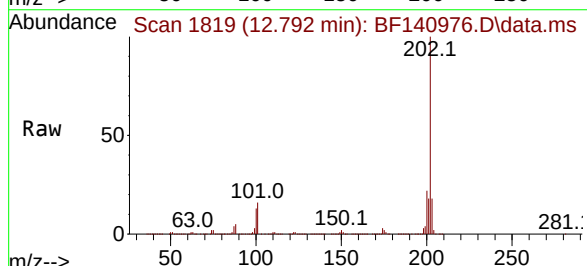
Manual Integrations
APPROVED

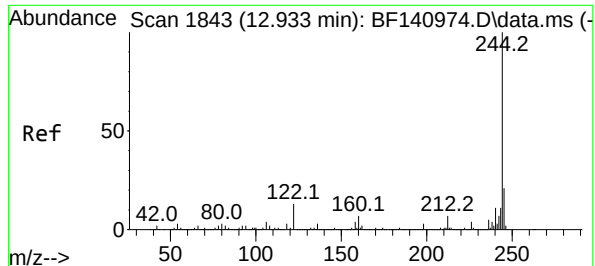
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#78
Pyrene
Concen: 63.146 ng
RT: 12.792 min Scan# 1819
Delta R.T. 0.006 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

Tgt Ion:202 Resp: 3019750
Ion Ratio Lower Upper
202 100
200 22.3 17.3 25.9
203 18.5 14.6 21.8





#79

Terphenyl-d14

Concen: 123.586 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.006 min

Lab File: BF140976.D

Acq: 26 Dec 2024 18:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:244 Resp: 4068420

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

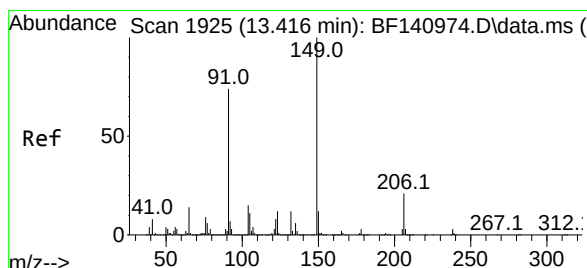
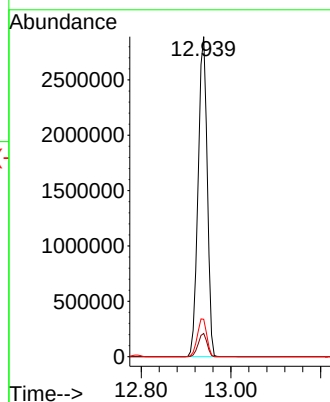
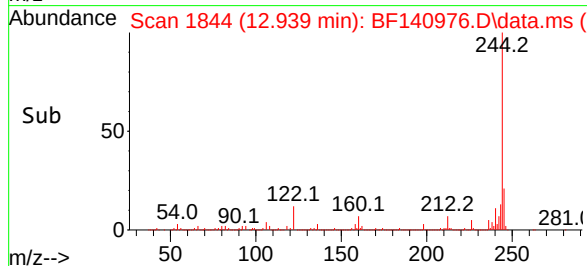
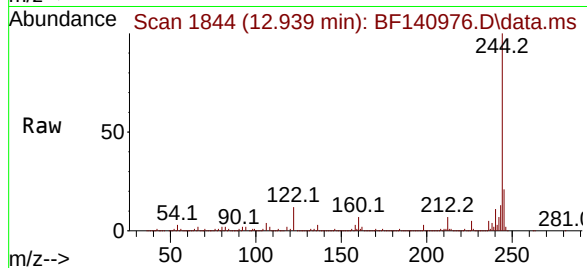
122 11.7 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#80

Butylbenzylphthalate

Concen: 66.663 ng

RT: 13.416 min Scan# 1925

Delta R.T. -0.000 min

Lab File: BF140976.D

Acq: 26 Dec 2024 18:59

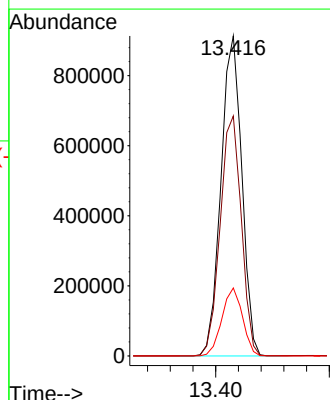
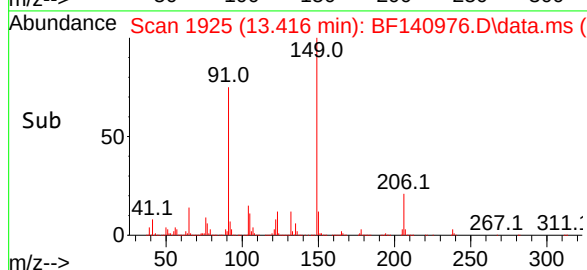
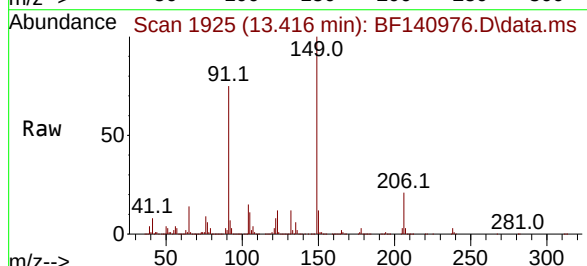
Tgt Ion:149 Resp: 1164076

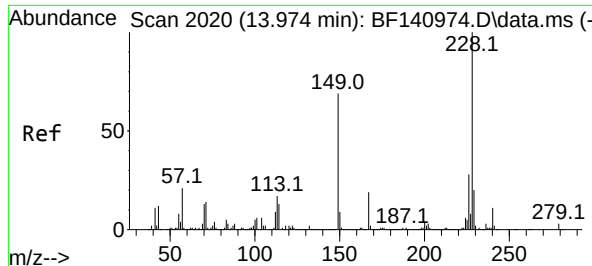
Ion Ratio Lower Upper

149 100

91 75.0 59.5 89.3

206 21.3 17.1 25.7





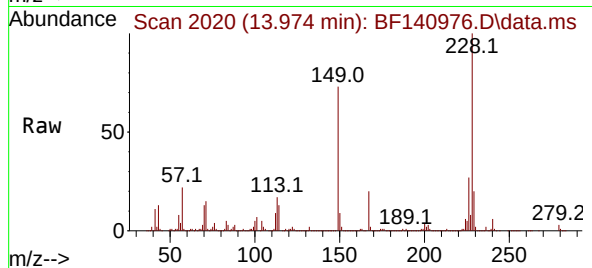
#81
Benzo(a)anthracene
Concen: 57.454 ng
RT: 13.974 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

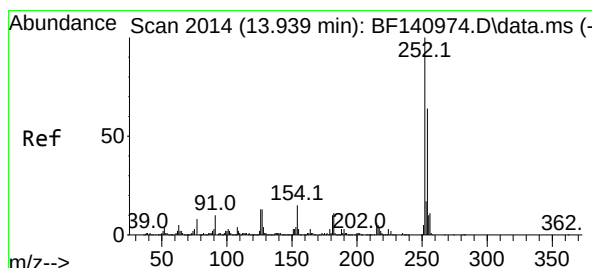
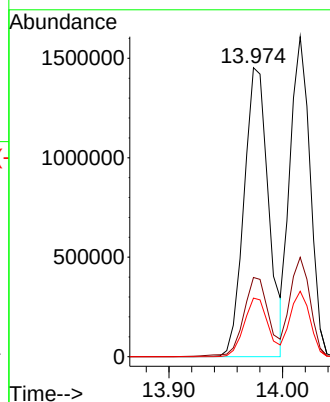
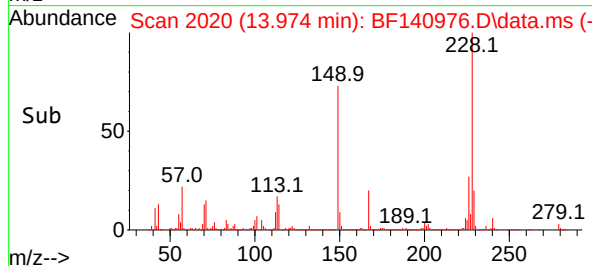


Tgt Ion:228 Resp: 2189499
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 20.3 16.2 24.2

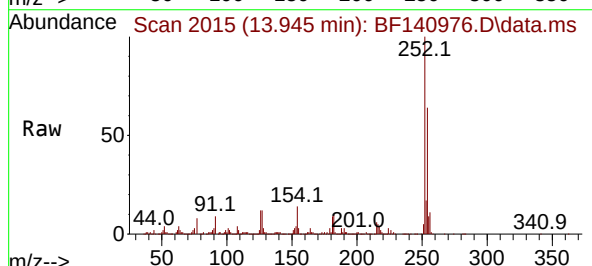
Manual Integrations

APPROVED

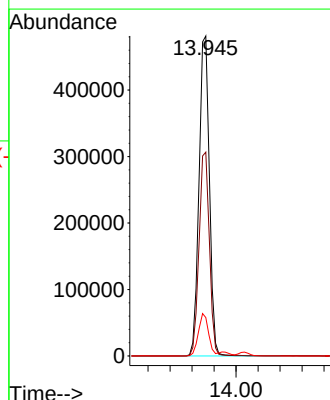
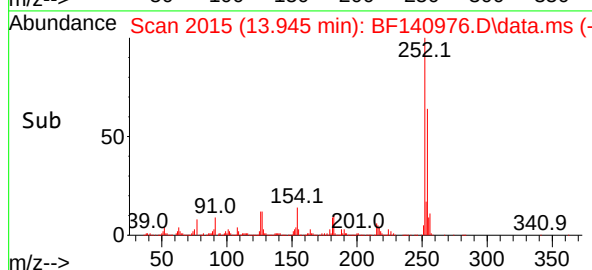
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

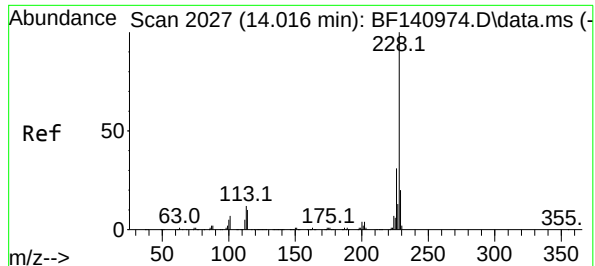


#82
3,3'-Dichlorobenzidine
Concen: 55.291 ng
RT: 13.945 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59



Tgt Ion:252 Resp: 633054
Ion Ratio Lower Upper
252 100
254 63.7 51.5 77.3
126 12.0 10.3 15.5





#83

Chrysene

Concen: 57.618 ng

RT: 14.015 min Scan# 2027

Delta R.T. -0.000 min

Lab File: BF140976.D

Acq: 26 Dec 2024 18:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:228 Resp: 1979370

Ion Ratio Lower Upper

228 100

226 31.0 24.5 36.7

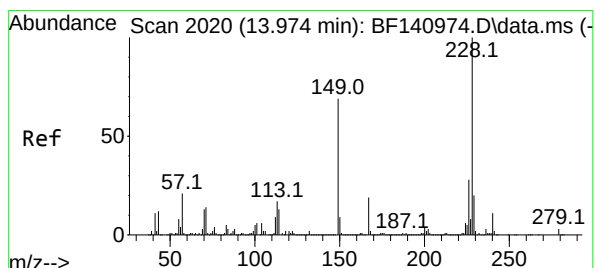
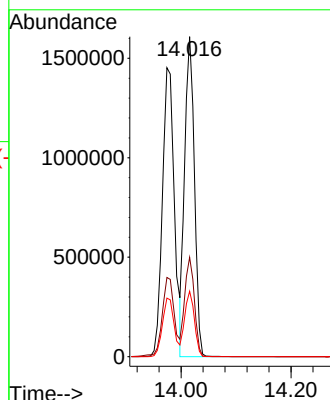
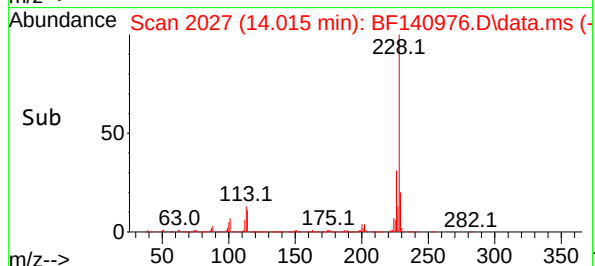
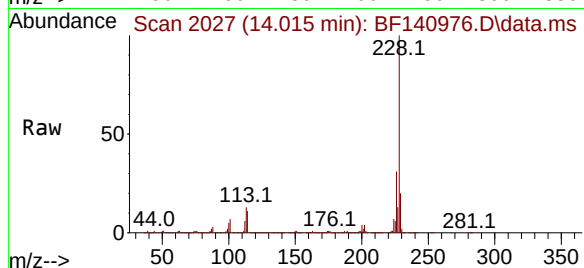
229 20.5 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.602 ng

RT: 13.974 min Scan# 2020

Delta R.T. -0.000 min

Lab File: BF140976.D

Acq: 26 Dec 2024 18:59

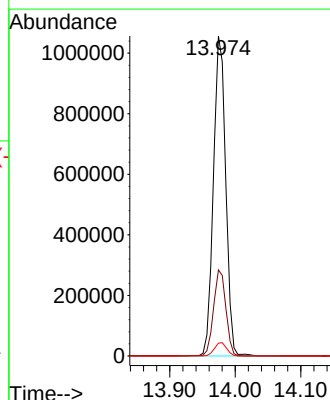
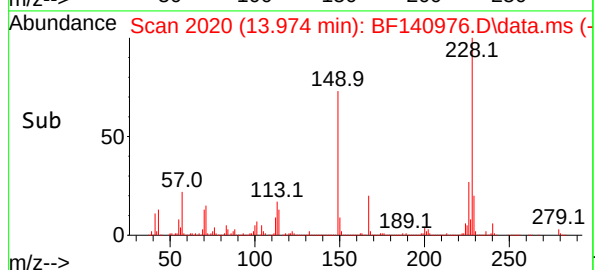
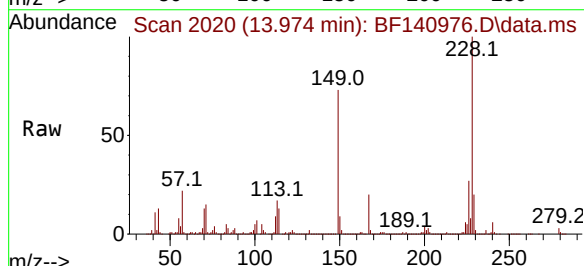
Tgt Ion:149 Resp: 1372706

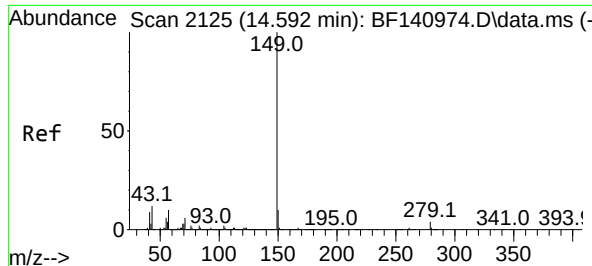
Ion Ratio Lower Upper

149 100

167 26.9 21.6 32.4

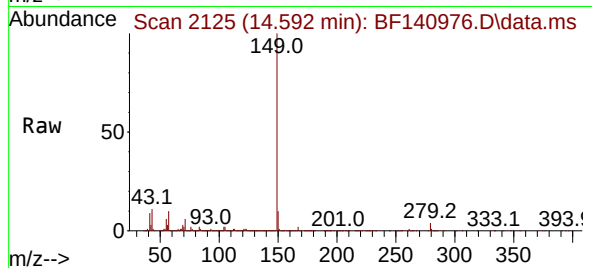
279 4.0 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 59.679 ng
RT: 14.592 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

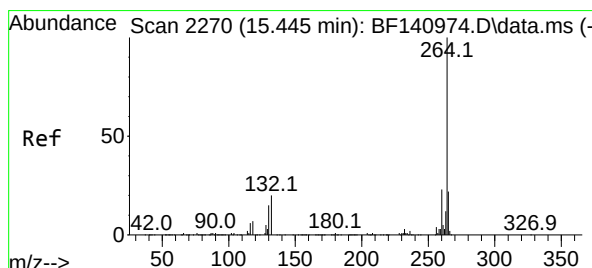
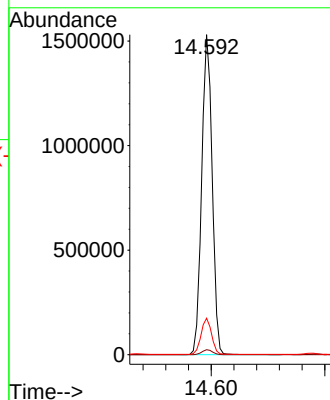
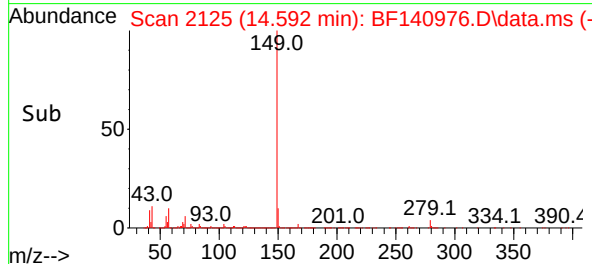
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:149 Resp: 1956498
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.3 9.3 13.9

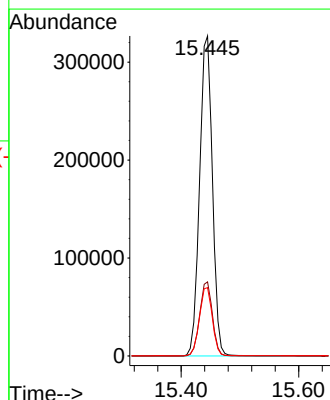
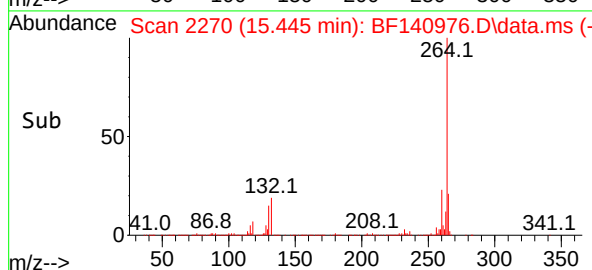
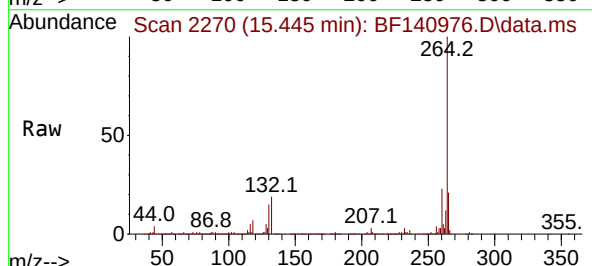
Manual Integrations
APPROVED

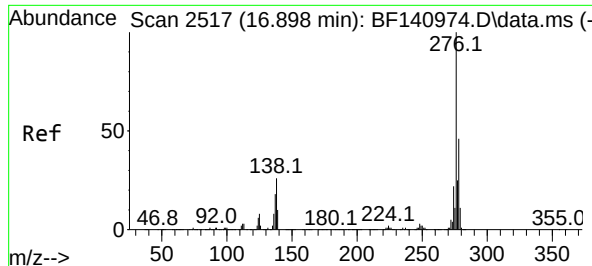
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2270
Delta R.T. -0.000 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

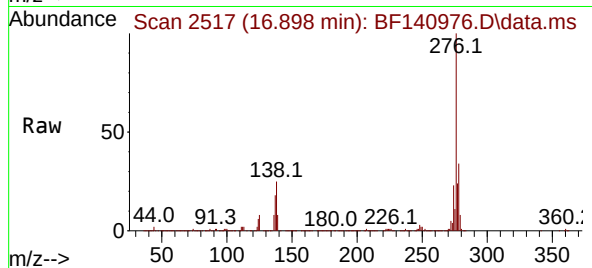
Tgt Ion:264 Resp: 494154
Ion Ratio Lower Upper
264 100
260 23.2 18.7 28.1
265 21.3 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 68.495 ng
RT: 16.898 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

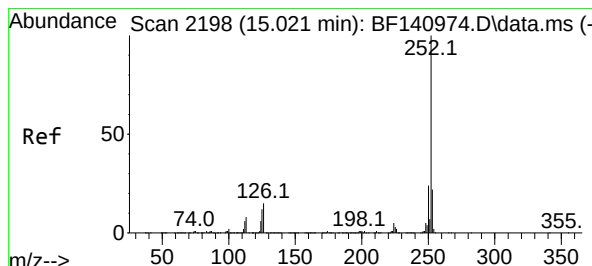
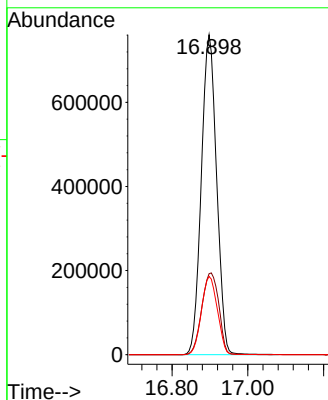
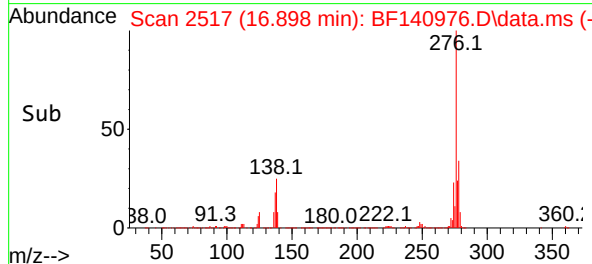
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:276 Resp: 2132438
Ion Ratio Lower Upper
276 100
138 28.5 23.1 34.7
277 25.5 20.4 30.6

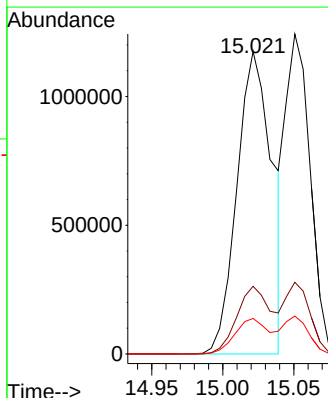
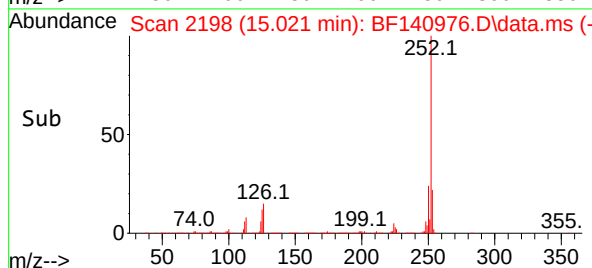
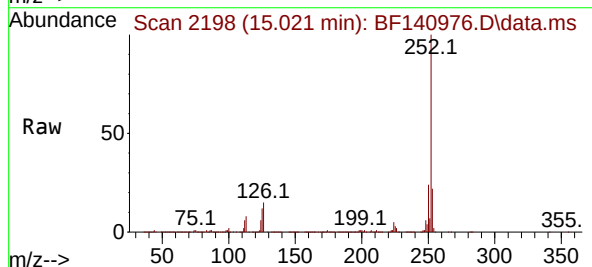
Manual Integrations
APPROVED

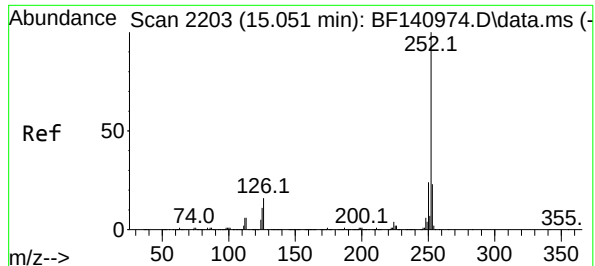
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#88
Benzo(b)fluoranthene
Concen: 58.595 ng
RT: 15.021 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

Tgt Ion:252 Resp: 2019420
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 11.7 9.3 13.9





#89

Benzo(k)fluoranthene

Concen: 55.778 ng

RT: 15.051 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF140976.D

Acq: 26 Dec 2024 18:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:252 Resp: 150668

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

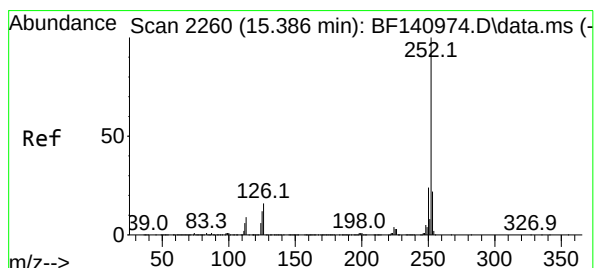
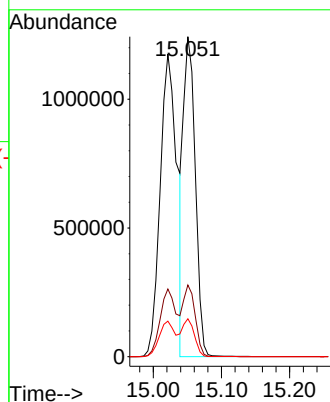
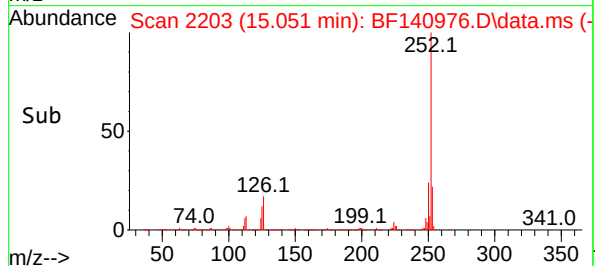
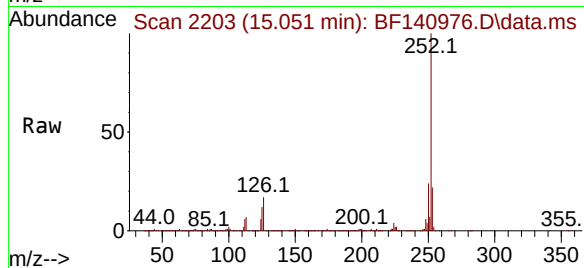
125 11.9 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#90

Benzo(a)pyrene

Concen: 59.020 ng

RT: 15.380 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF140976.D

Acq: 26 Dec 2024 18:59

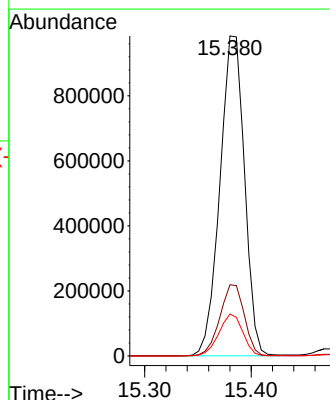
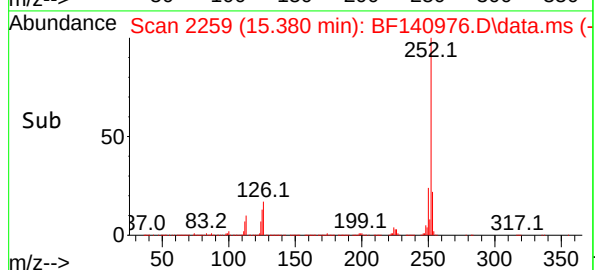
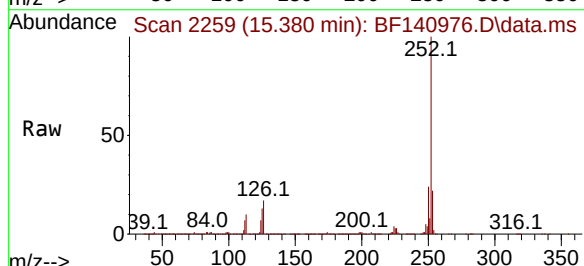
Tgt Ion:252 Resp: 1578812

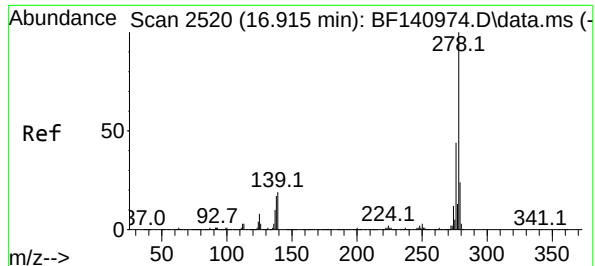
Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

125 13.1 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 68.425 ng

RT: 16.921 min Scan# 2521

Delta R.T. 0.006 min

Lab File: BF140976.D

Acq: 26 Dec 2024 18:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:278 Resp: 172681

Ion Ratio Lower Upper

278 100

139 18.1 14.9 22.3

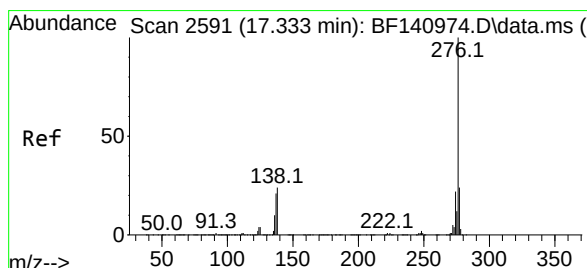
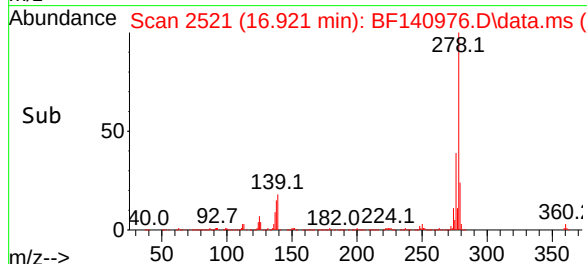
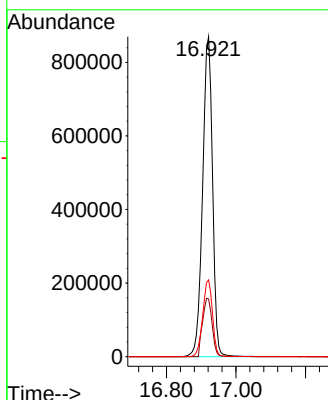
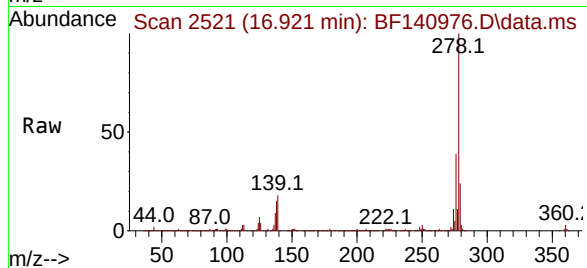
279 24.0 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#92

Benzo(g,h,i)perylene

Concen: 70.421 ng

RT: 17.339 min Scan# 2592

Delta R.T. 0.006 min

Lab File: BF140976.D

Acq: 26 Dec 2024 18:59

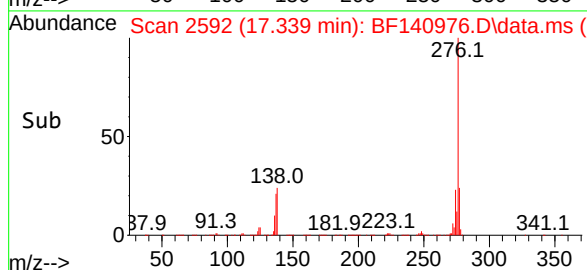
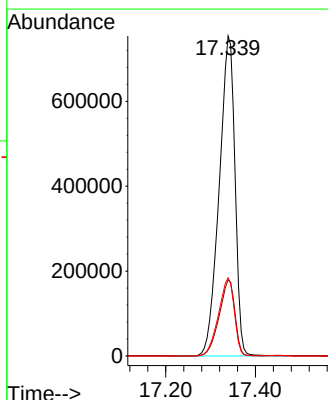
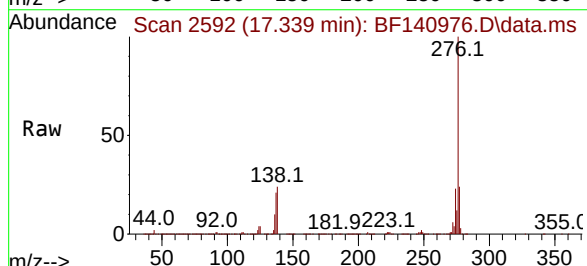
Tgt Ion:276 Resp: 1843269

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 24.4 19.4 29.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122624\
 Data File : BF140977.D
 Acq On : 26 Dec 2024 19:25
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/27/2024
 Supervised By :mohammad ahmed 12/27/2024

Quant Time: Dec 27 00:27:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:11:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	256235	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	977409	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	517561	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	905973	20.000	ng	0.00
76) Chrysene-d12	13.992	240	487461	20.000	ng	0.00
86) Perylene-d12	15.445	264	520884	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	2368484	139.333	ng	0.00
7) Phenol-d6	6.457	99	3074263	140.390	ng	0.00
23) Nitrobenzene-d5	7.398	82	2604239	170.465	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	822230	163.492	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	4166122	128.248	ng	0.00
79) Terphenyl-d14	12.939	244	4715646	160.683	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.552	88	572464	74.386	ng	100
3) Pyridine	3.305	79	1340918	71.297	ng	100
4) n-Nitrosodimethylamine	3.263	42	724146	75.991	ng	100
6) Aniline	6.534	93	1154312m	59.104	ng	
8) 2-Chlorophenol	6.616	128	1257135	70.145	ng	99
10) Phenol	6.475	94	1587534	70.111	ng	95
11) bis(2-Chloroethyl)ether	6.575	93	1392292m	76.224	ng	
12) 1,3-Dichlorobenzene	6.775	146	1375754	69.557	ng	99
13) 1,4-Dichlorobenzene	6.851	146	1392839	69.856	ng	100
14) 1,2-Dichlorobenzene	7.004	146	1265701	68.084	ng	99
15) Benzyl Alcohol	6.975	79	1122638	71.342	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	1929216	69.775	ng	99
17) 2-Methylphenol	7.081	107	1092114	73.350	ng	99
18) Hexachloroethane	7.345	117	520192	73.443	ng	97
19) n-Nitroso-di-n-propyla...	7.257	70	941090	70.150	ng	99
20) 3+4-Methylphenols	7.240	107	1265999	67.191	ng	# 85
22) Acetophenone	7.245	105	1646630	68.675	ng	# 95
24) Nitrobenzene	7.422	77	1399699	81.994	ng	97
25) Isophorone	7.657	82	2454830	73.842	ng	99
26) 2-Nitrophenol	7.728	139	593981	80.829	ng	96
27) 2,4-Dimethylphenol	7.763	122	900268	74.098	ng	99
28) bis(2-Chloroethoxy)met...	7.869	93	1499425	71.188	ng	99
29) 2,4-Dichlorophenol	7.969	162	1033455	74.999	ng	99
30) 1,2,4-Trichlorobenzene	8.057	180	1119798	71.799	ng	100
31) Naphthalene	8.140	128	3488407	67.732	ng	99
32) Benzoic acid	7.898	122	869866	80.749	ng	99
33) 4-Chloroaniline	8.192	127	1373750	73.729	ng	100
34) Hexachlorobutadiene	8.251	225	663193	72.129	ng	99
35) Caprolactam	8.569	113	369167	78.800	ng	100
36) 4-Chloro-3-methylphenol	8.657	107	1144506	74.790	ng	98
37) 2-Methylnaphthalene	8.822	142	2270301	68.904	ng	100
38) 1-Methylnaphthalene	8.922	142	2231397	68.910	ng	100
40) 1,2,4,5-Tetrachloroben...	8.987	216	1015621	71.328	ng	100
41) Hexachlorocyclopentadiene	8.975	237	373217	79.096	ng	100
43) 2,4,6-Trichlorophenol	9.098	196	733660	77.418	ng	100
44) 2,4,5-Trichlorophenol	9.134	196	735644	75.868	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122624\
 Data File : BF140977.D
 Acq On : 26 Dec 2024 19:25
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/27/2024
 Supervised By :mohammad ahmed 12/27/2024

Quant Time: Dec 27 00:27:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:11:18 2024
 Response via : Initial Calibration

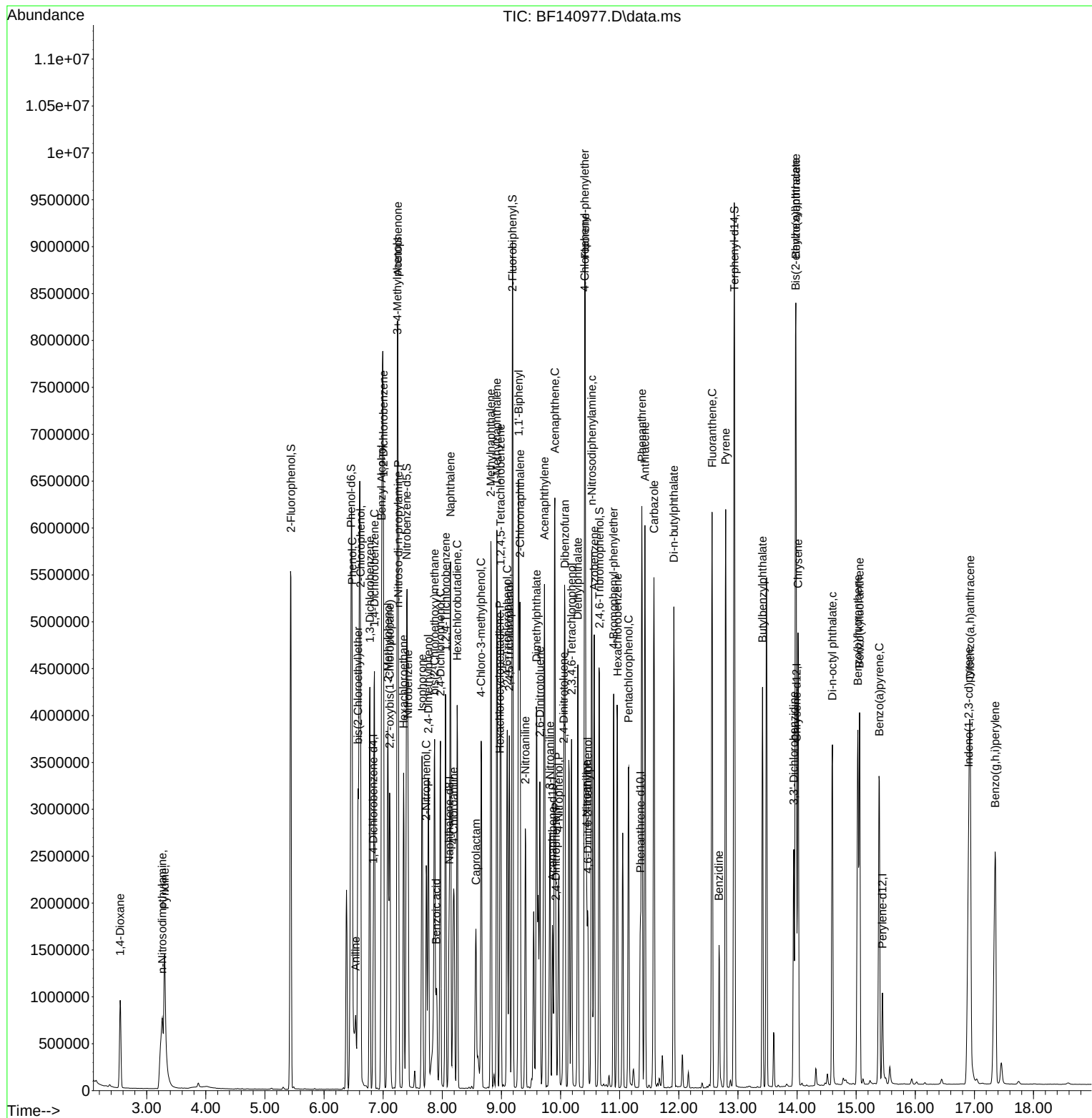
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.292	154	2671996	67.425	ng	99
47) 2-Chloronaphthalene	9.316	162	2134444	69.446	ng	99
48) 2-Nitroaniline	9.404	65	672379	80.177	ng	97
49) Acenaphthylene	9.728	152	3058781	69.133	ng	98
50) Dimethylphthalate	9.592	163	2454844	72.109	ng	99
51) 2,6-Dinitrotoluene	9.651	165	571642	79.723	ng	100
52) Acenaphthene	9.904	154	2125174	71.048	ng	99
53) 3-Nitroaniline	9.822	138	618458	79.606	ng	# 94
54) 2,4-Dinitrophenol	9.922	184	217487	79.264	ng	# 1
55) Dibenzofuran	10.075	168	2876315	68.424	ng	99
56) 4-Nitrophenol	9.969	139	520450	89.372	ng	97
57) 2,4-Dinitrotoluene	10.051	165	704156	79.614	ng	97
58) Fluorene	10.416	166	2204698	67.635	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	624965	77.824	ng	99
60) Diethylphthalate	10.292	149	2431548	72.349	ng	99
61) 4-Chlorophenyl-phenyle...	10.410	204	1077930	68.724	ng	98
62) 4-Nitroaniline	10.439	138	622110	80.074	ng	97
63) Azobenzene	10.569	77	2525786	71.600	ng	99
65) 4,6-Dinitro-2-methylph...	10.463	198	323476	81.463	ng	98
66) n-Nitrosodiphenylamine	10.528	169	2022411	70.890	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	713807	72.884	ng	99
68) Hexachlorobenzene	10.963	284	798823	73.971	ng	99
70) Pentachlorophenol	11.151	266	559728	83.248	ng	100
71) Phenanthrene	11.375	178	3286287	68.921	ng	99
72) Anthracene	11.428	178	3204142	68.578	ng	99
73) Carbazole	11.580	167	3104460	69.118	ng	99
74) Di-n-butylphthalate	11.916	149	3587776	70.229	ng	99
75) Fluoranthene	12.563	202	3500378	67.687	ng	99
77) Benzidine	12.680	184	783695	76.072	ng	99
78) Pyrene	12.792	202	3514654	82.441	ng	99
80) Butylbenzylphthalate	13.416	149	1323506	85.018	ng	98
81) Benzo(a)anthracene	13.980	228	2440118	71.825	ng	100
82) 3,3'-Dichlorobenzidine	13.945	252	735658	72.073	ng	99
83) Chrysene	14.016	228	2321200	75.793	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	1545595	76.541	ng	100
85) Di-n-octyl phthalate	14.598	149	2322268	79.458	ng	100
87) Indeno(1,2,3-cd)pyrene	16.904	276	2898446	88.322	ng	99
88) Benzo(b)fluoranthene	15.027	252	2657521	73.152	ng	100
89) Benzo(k)fluoranthene	15.057	252	1897702	66.649	ng	100
90) Benzo(a)pyrene	15.392	252	2098162	74.410	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	2334266	87.749	ng	99
92) Benzo(g,h,i)perylene	17.351	276	2487019	90.139	ng	99

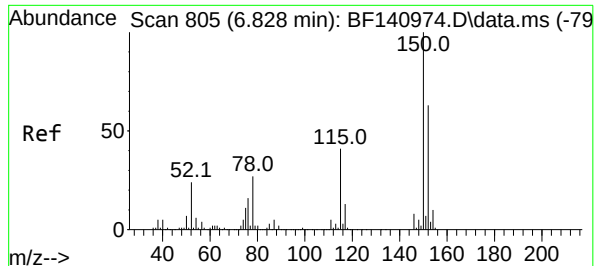
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations

Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.834 min Scan# 80

Delta R.T. 0.006 min

Lab File: BF140977.D

Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:152 Resp: 256235

Ion Ratio Lower Upper

152 100

150 163.7 127.0 190.6

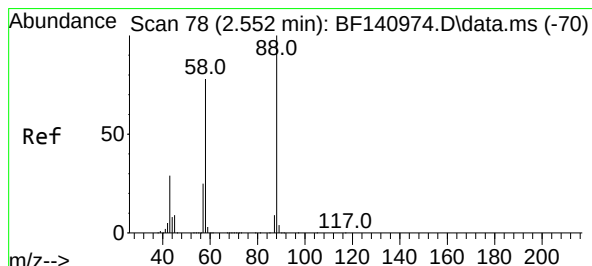
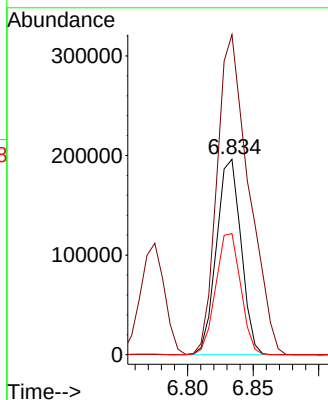
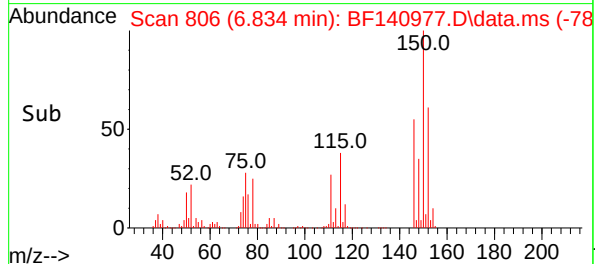
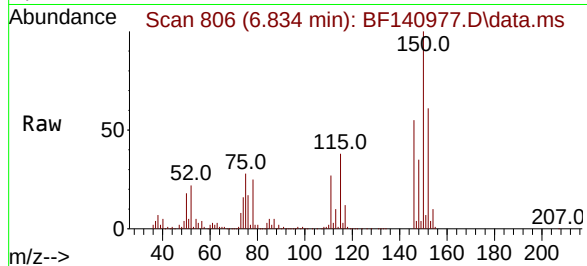
115 62.0 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#2

1,4-Dioxane

Concen: 74.386 ng

RT: 2.552 min Scan# 78

Delta R.T. 0.000 min

Lab File: BF140977.D

Acq: 26 Dec 2024 19:25

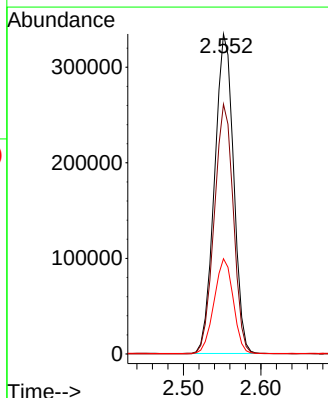
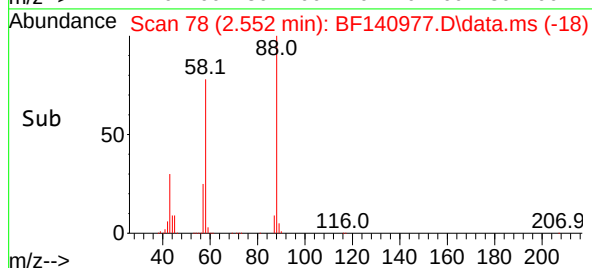
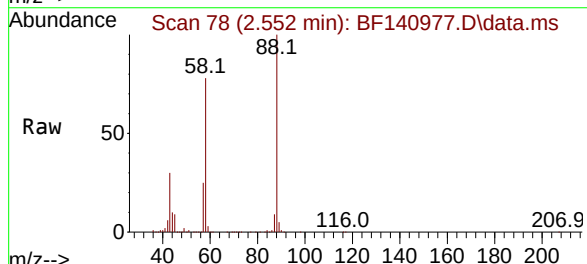
Tgt Ion: 88 Resp: 572464

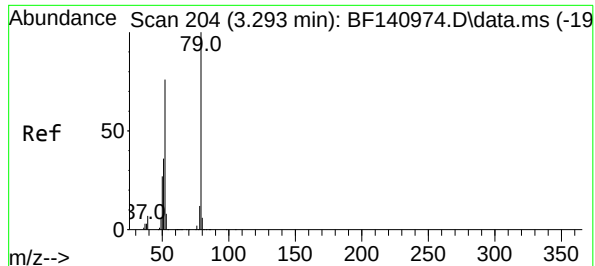
Ion Ratio Lower Upper

88 100

58 78.4 63.0 94.4

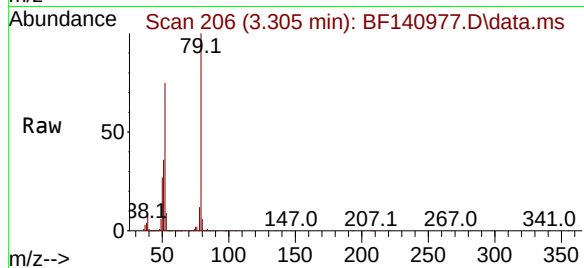
43 29.7 23.4 35.2





#3
Pyridine
Concen: 71.297 ng
RT: 3.305 min Scan# 206
Delta R.T. 0.012 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

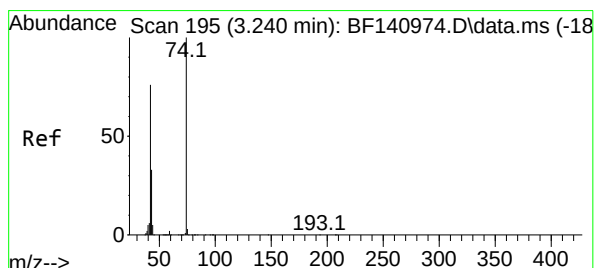
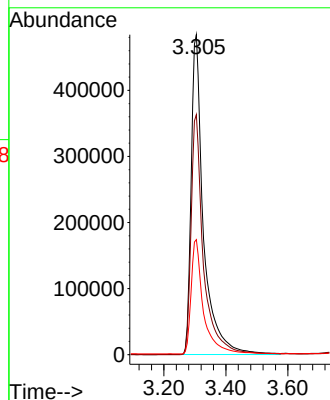
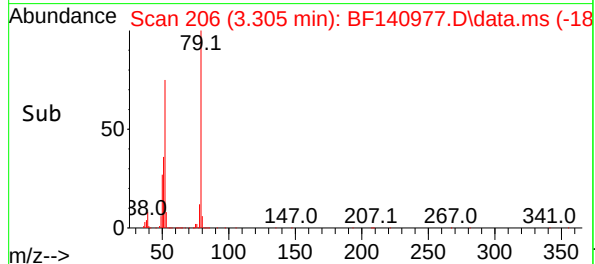
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 79 Resp: 1340918
Ion Ratio Lower Upper
79 100
52 75.0 60.4 90.6
51 36.0 28.8 43.2

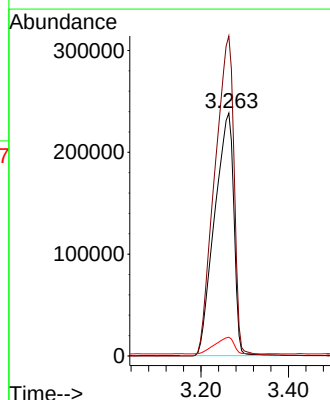
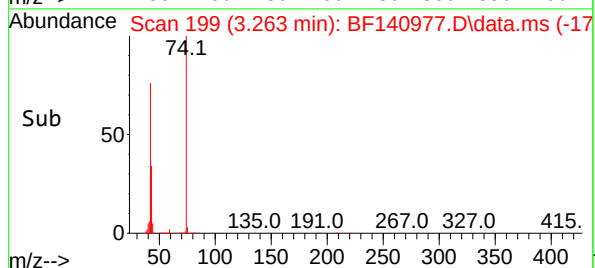
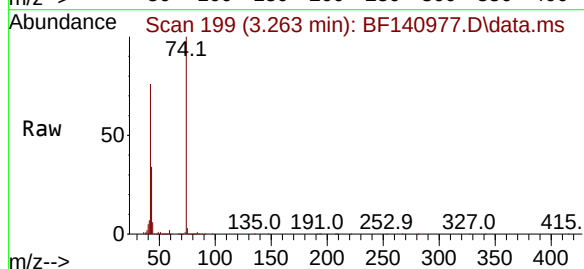
Manual Integrations
APPROVED

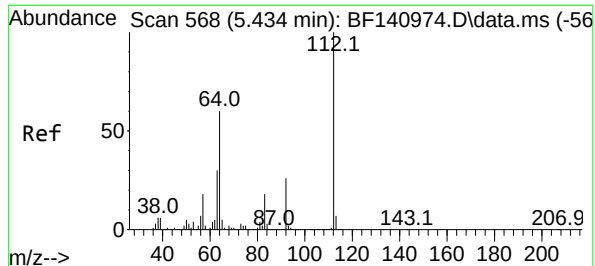
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#4
n-Nitrosodimethylamine
Concen: 75.991 ng
RT: 3.263 min Scan# 199
Delta R.T. 0.024 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

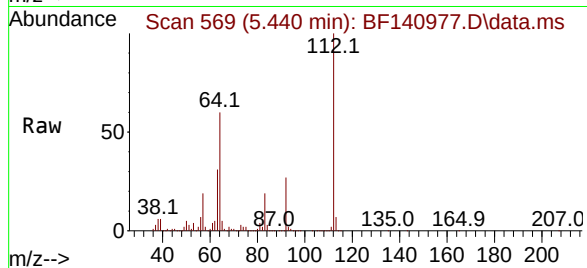
Tgt Ion: 42 Resp: 724146
Ion Ratio Lower Upper
42 100
74 131.8 105.8 158.6
44 7.7 6.6 10.0





#5
2-Fluorophenol
Concen: 139.333 ng
RT: 5.440 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

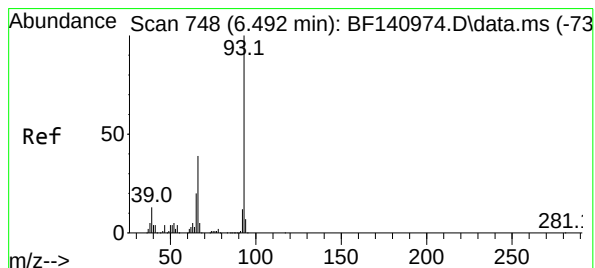
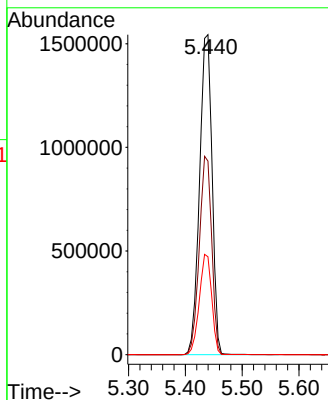
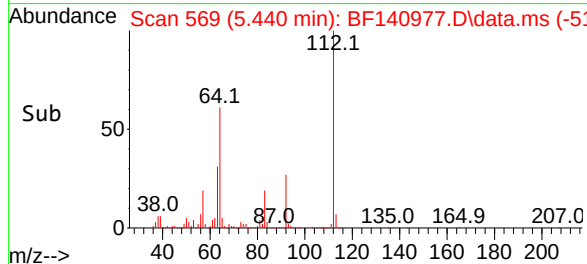
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 112 Resp: 236848
Ion Ratio Lower Upper
112 100
64 60.5 47.7 71.5
63 30.6 24.2 36.2

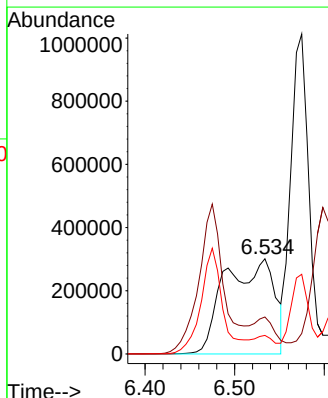
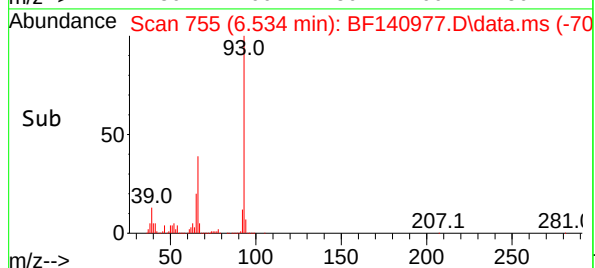
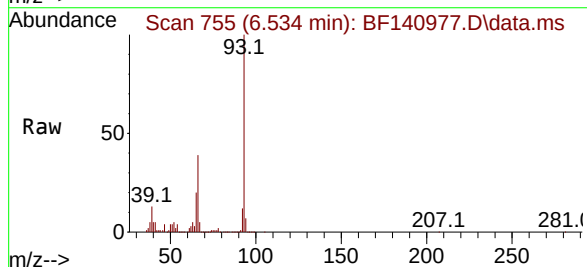
Manual Integrations
APPROVED

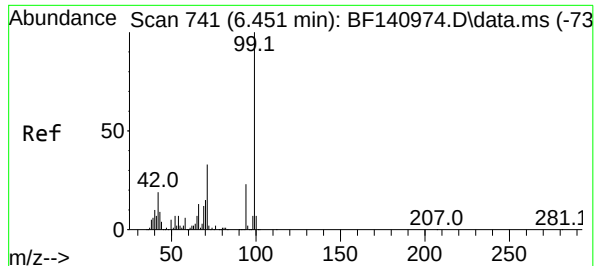
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#6
Aniline
Concen: 59.104 ng m
RT: 6.534 min Scan# 755
Delta R.T. 0.024 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

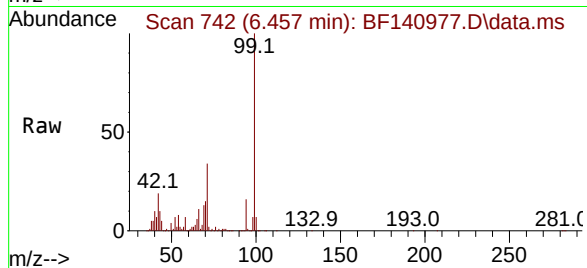
Tgt Ion: 93 Resp: 1154312
Ion Ratio Lower Upper
93 100
66 38.8 31.8 47.8
65 19.6 15.4 23.0





#7
Phenol-d6
Concen: 140.390 ng
RT: 6.457 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

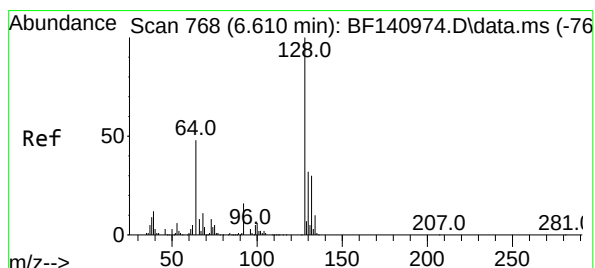
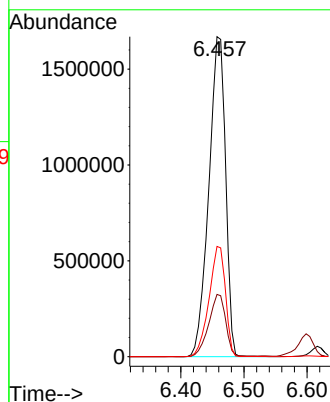
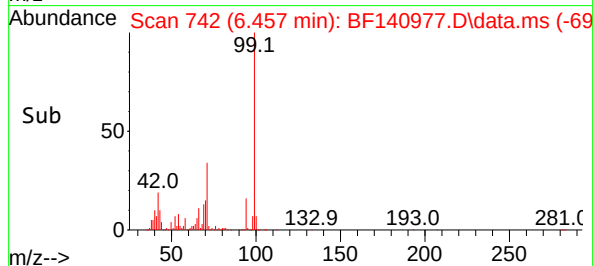
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



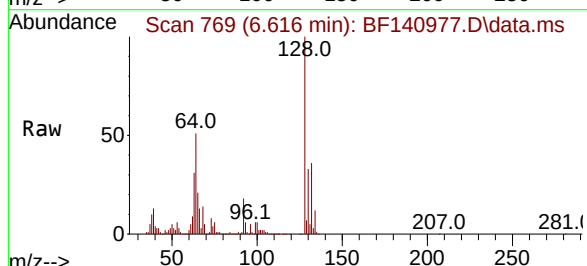
Tgt Ion: 99 Resp: 307426
Ion Ratio Lower Upper
99 100
42 19.4 15.0 22.4
71 34.5 26.2 39.2

Manual Integrations
APPROVED

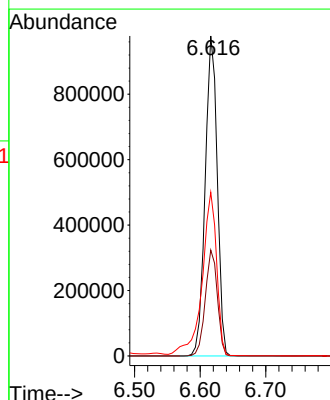
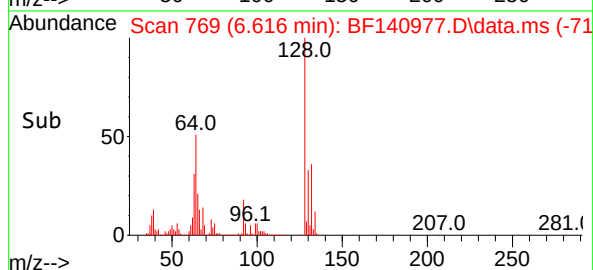
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

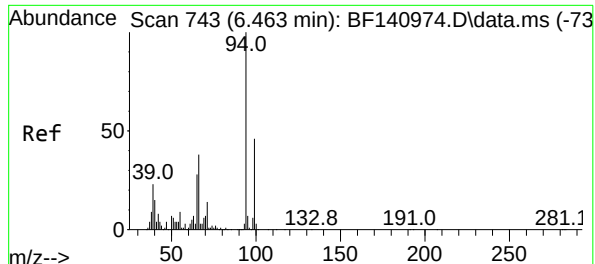


#8
2-Chlorophenol
Concen: 70.145 ng
RT: 6.616 min Scan# 769
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25



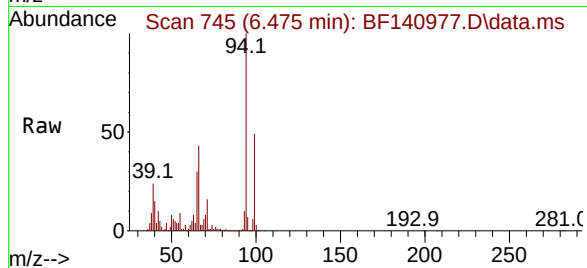
Tgt Ion:128 Resp: 1257135
Ion Ratio Lower Upper
128 100
130 33.1 12.2 52.2
64 51.2 30.3 70.3





#10
Phenol
Concen: 70.111 ng
RT: 6.475 min Scan# 743
Delta R.T. 0.012 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

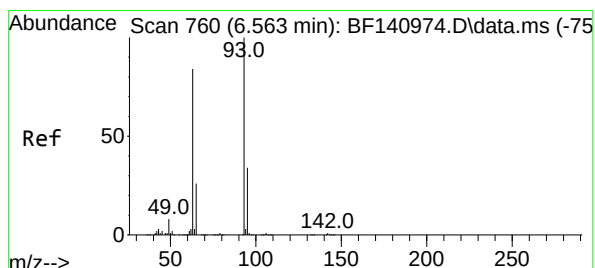
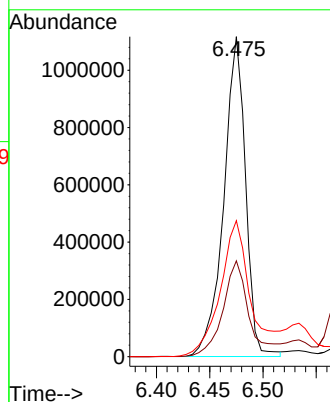
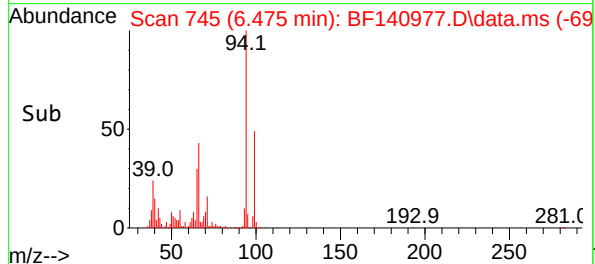
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 94 Resp: 1587534
Ion Ratio Lower Upper
94 100
65 29.9 8.1 48.1
66 42.5 18.7 58.7

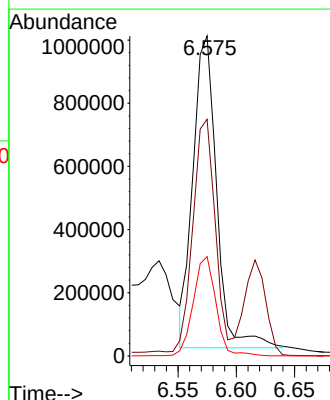
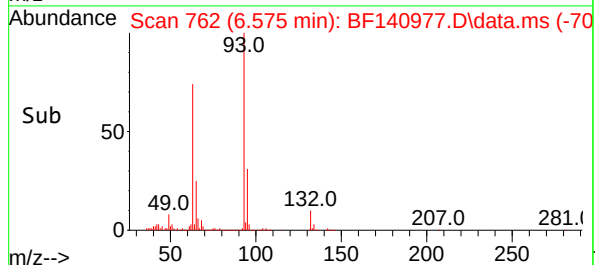
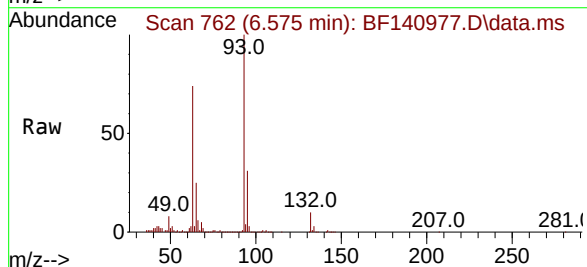
Manual Integrations
APPROVED

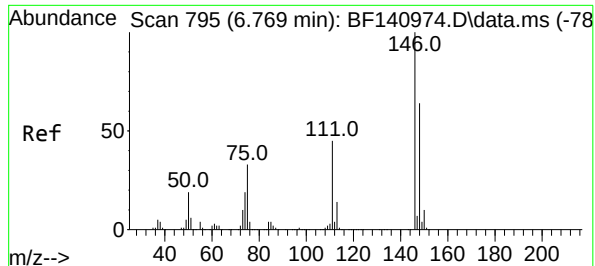
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#11
bis(2-Chloroethyl)ether
Concen: 76.224 ng m
RT: 6.575 min Scan# 762
Delta R.T. 0.012 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Tgt Ion: 93 Resp: 1392292
Ion Ratio Lower Upper
93 100
63 74.0 60.3 100.3
95 31.0 12.2 52.2





#12

1,3-Dichlorobenzene

Concen: 69.557 ng

RT: 6.775 min Scan# 795

Delta R.T. 0.006 min

Lab File: BF140977.D

Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 1375754

Ion Ratio Lower Upper

146 100

148 64.4 51.0 76.4

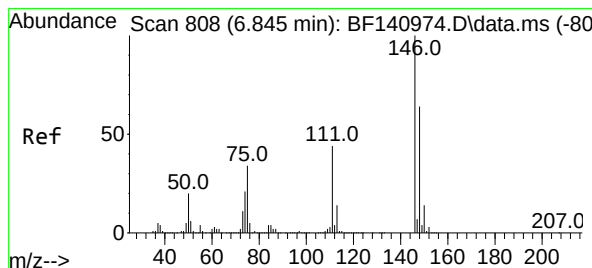
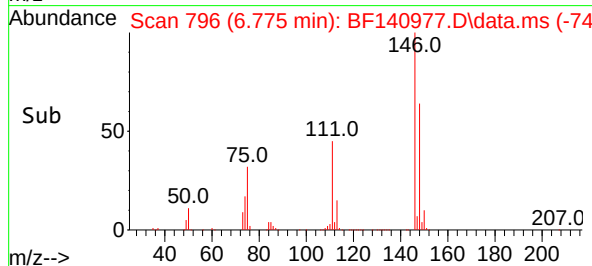
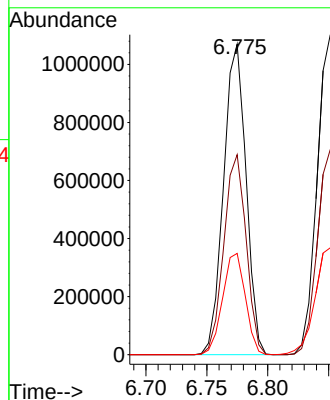
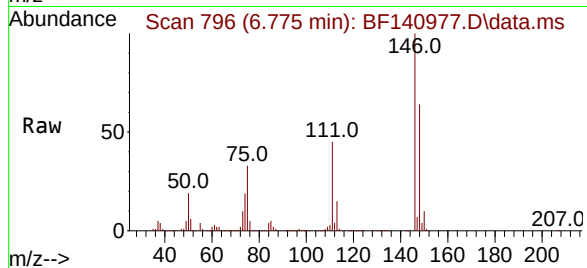
75 32.6 26.1 39.1

Manual Integrations

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Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#13

1,4-Dichlorobenzene

Concen: 69.856 ng

RT: 6.851 min Scan# 809

Delta R.T. 0.006 min

Lab File: BF140977.D

Acq: 26 Dec 2024 19:25

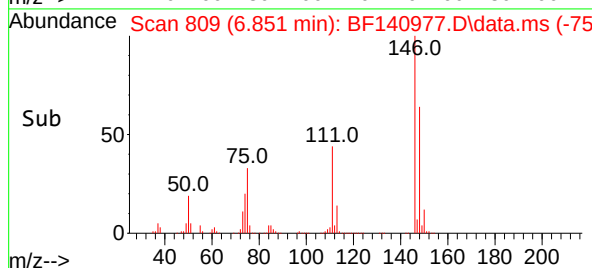
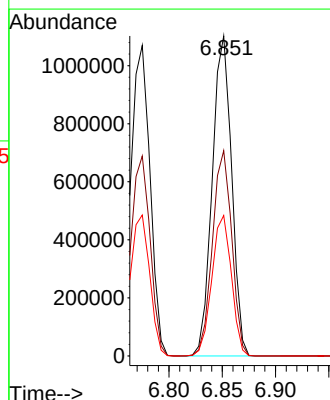
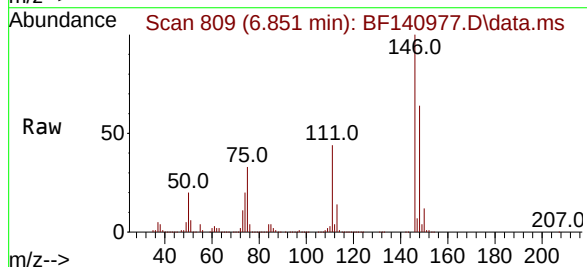
Tgt Ion:146 Resp: 1392839

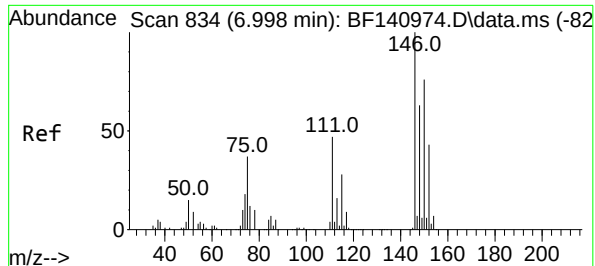
Ion Ratio Lower Upper

146 100

148 64.2 51.3 76.9

111 43.9 35.3 52.9





#14

1,2-Dichlorobenzene

Concen: 68.084 ng

RT: 7.004 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF140977.D

Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 126570

Ion Ratio Lower Upper

146 100

148 63.7 50.6 76.0

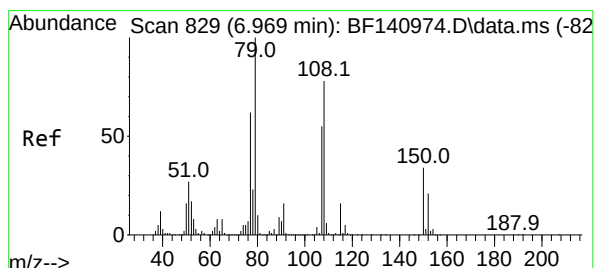
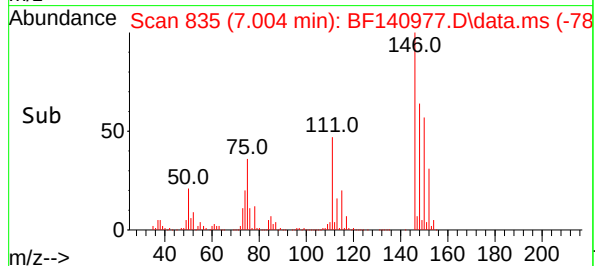
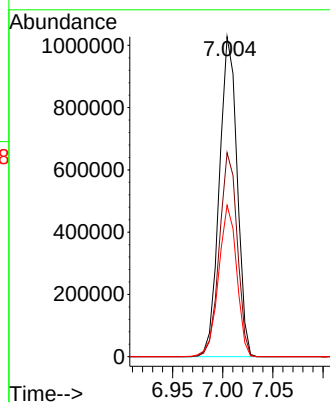
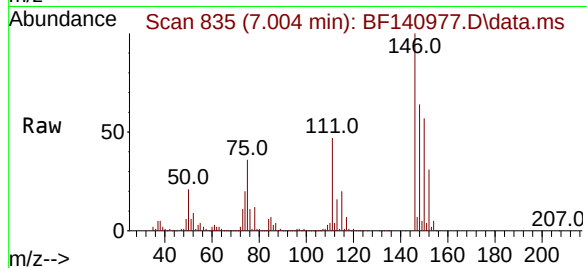
111 47.3 37.3 55.9

Manual Integrations

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Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#15

Benzyl Alcohol

Concen: 71.342 ng

RT: 6.975 min Scan# 830

Delta R.T. 0.006 min

Lab File: BF140977.D

Acq: 26 Dec 2024 19:25

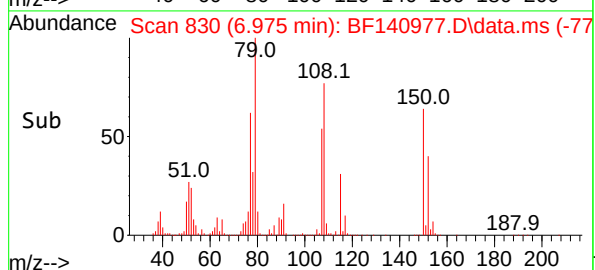
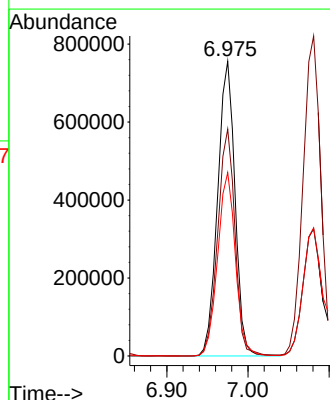
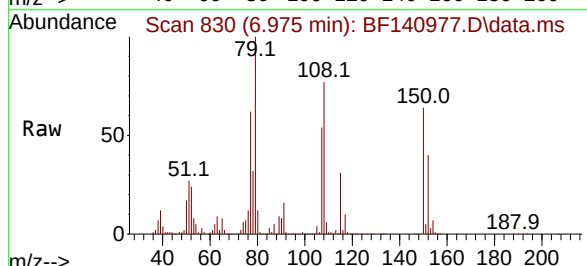
Tgt Ion: 79 Resp: 1122638

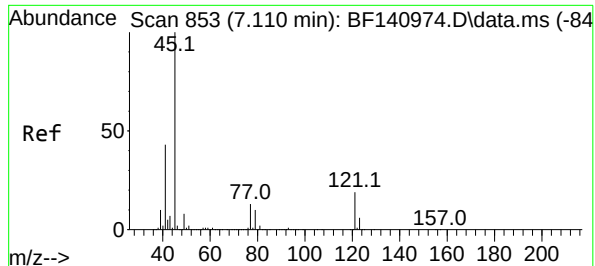
Ion Ratio Lower Upper

79 100

108 77.0 62.5 93.7

77 62.2 49.3 73.9





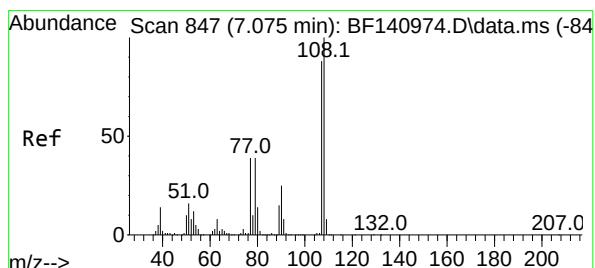
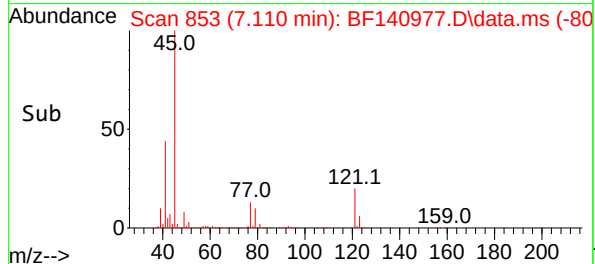
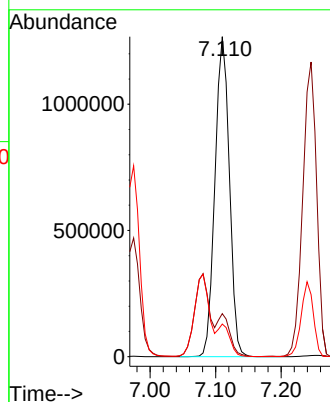
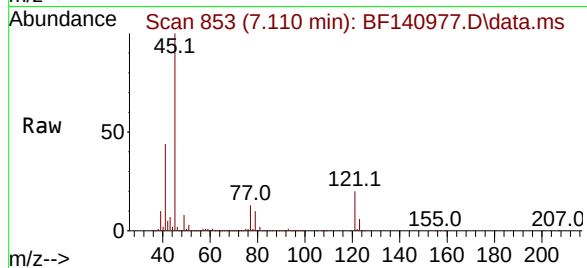
#16
2,2'-oxybis(1-Chloropropane)
Concen: 69.775 ng
RT: 7.110 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 45 Resp: 1929210
Ion Ratio Lower Upper
45 100
77 13.5 0.0 33.1
79 10.2 0.0 30.1

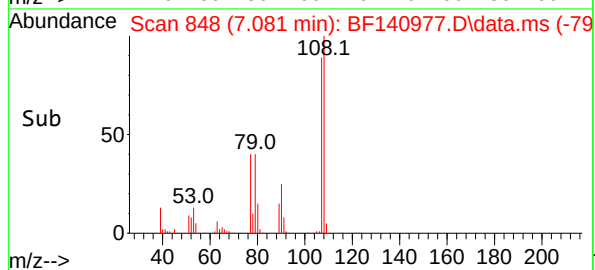
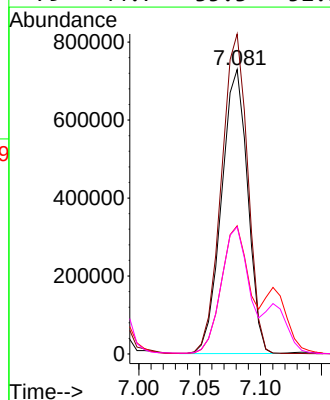
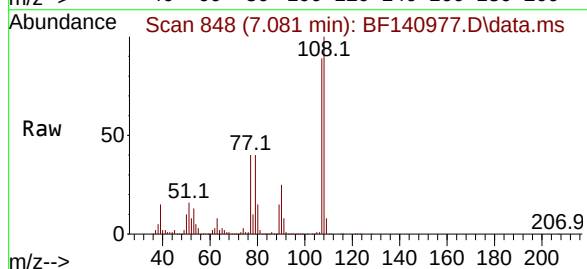
Manual Integrations
APPROVED

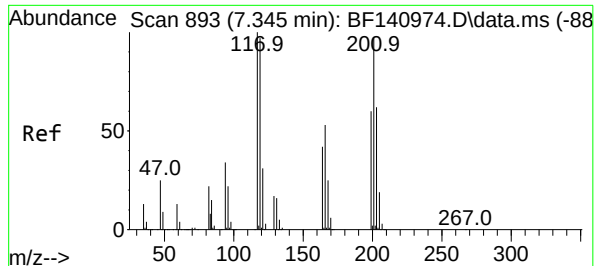
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#17
2-Methylphenol
Concen: 73.350 ng
RT: 7.081 min Scan# 848
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Tgt Ion:107 Resp: 1092114
Ion Ratio Lower Upper
107 100
108 112.5 90.6 136.0
77 45.1 35.3 52.9
79 44.7 35.3 52.9





#18

Hexachloroethane

Concen: 73.443 ng

RT: 7.345 min Scan# 893

Delta R.T. 0.000 min

Lab File: BF140977.D

Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:117 Resp: 520192

Ion Ratio Lower Upper

117 100

119 96.4 77.5 116.3

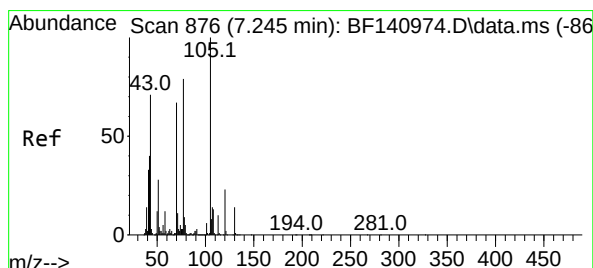
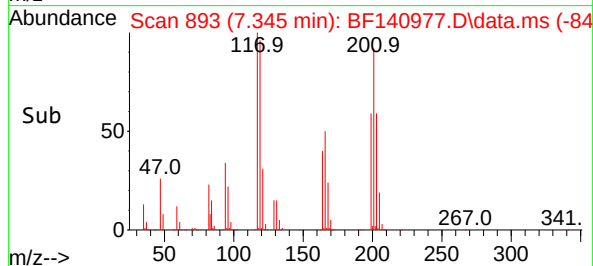
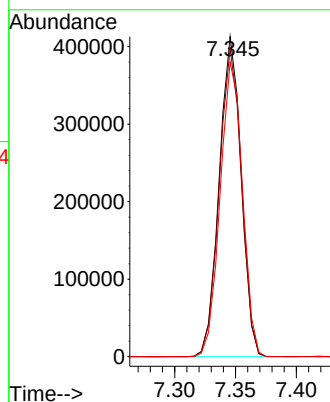
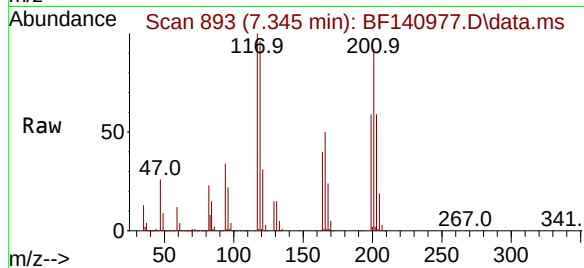
201 92.1 77.4 116.2

Manual Integrations

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Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#19

n-Nitroso-di-n-propylamine

Concen: 70.150 ng

RT: 7.257 min Scan# 878

Delta R.T. 0.012 min

Lab File: BF140977.D

Acq: 26 Dec 2024 19:25

Tgt Ion: 70 Resp: 941090

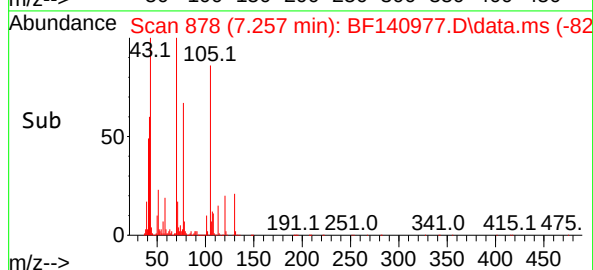
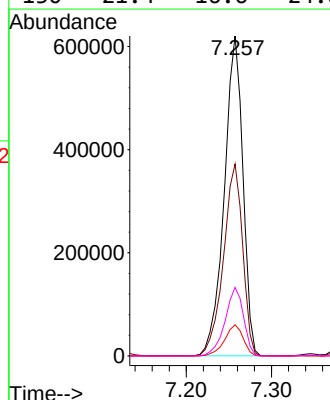
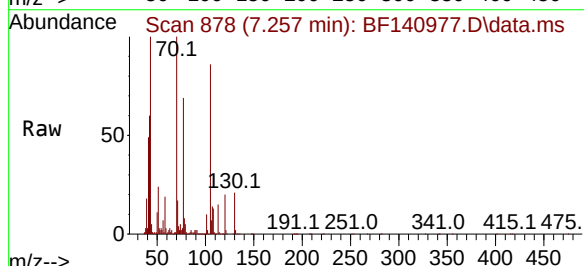
Ion Ratio Lower Upper

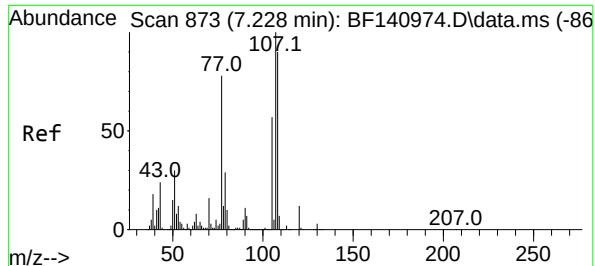
70 100

42 60.0 48.1 72.1

101 9.8 7.6 11.4

130 21.4 16.6 24.8





#20

3+4-Methylphenols

Concen: 67.191 ng

RT: 7.240 min Scan# 81

Delta R.T. 0.012 min

Lab File: BF140977.D

Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:107 Resp: 126599

Ion Ratio Lower Upper

107 100

108 90.3 69.6 109.6

77 108.2 57.6 97.6

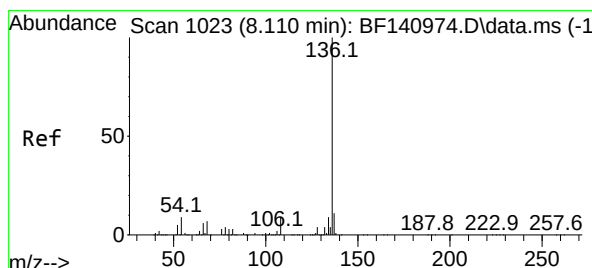
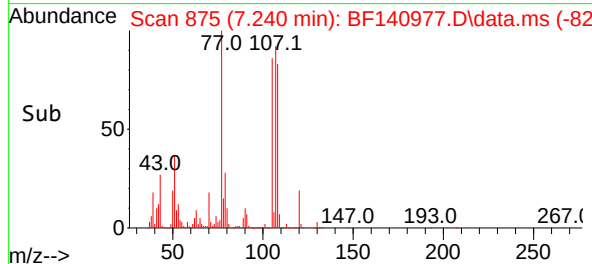
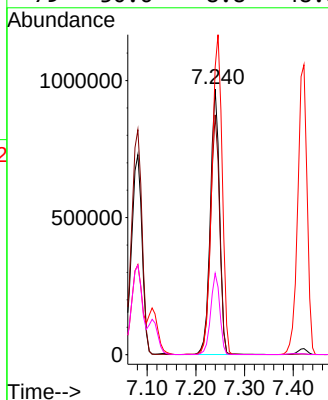
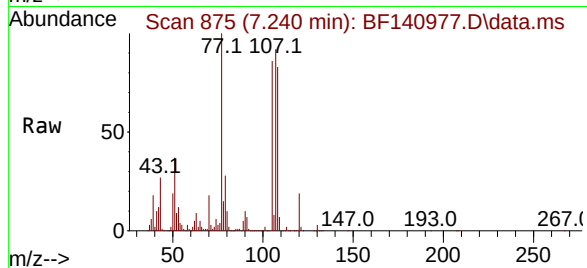
79 30.6 8.8 48.8

Manual Integrations

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Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 1024

Delta R.T. 0.006 min

Lab File: BF140977.D

Acq: 26 Dec 2024 19:25

Tgt Ion:136 Resp: 977409

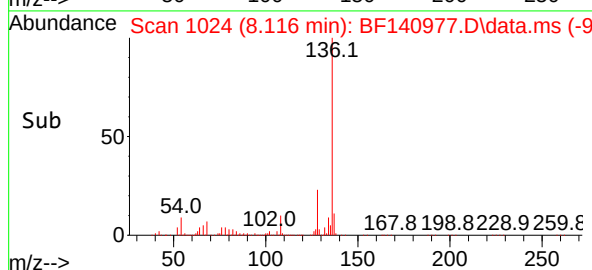
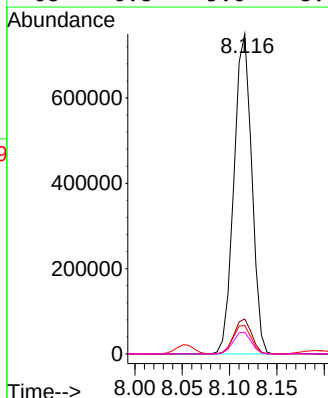
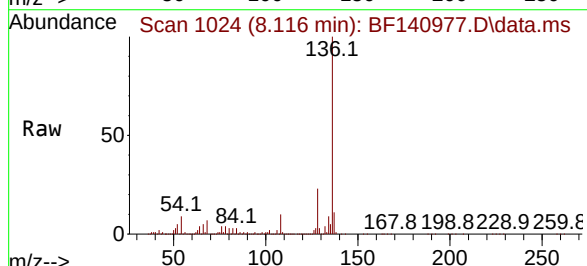
Ion Ratio Lower Upper

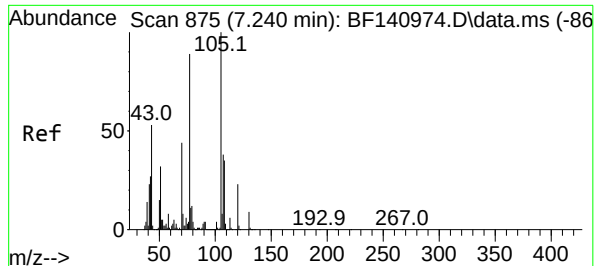
136 100

137 10.9 9.0 13.4

54 8.9 7.6 11.4

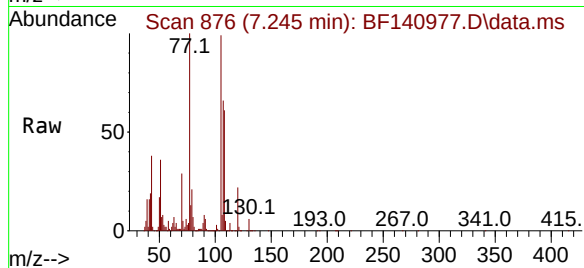
68 6.8 5.6 8.4





#22
Acetophenone
Concen: 68.675 ng
RT: 7.245 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

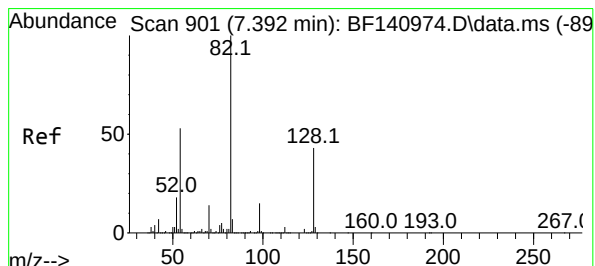
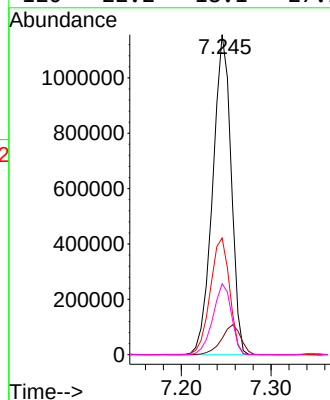
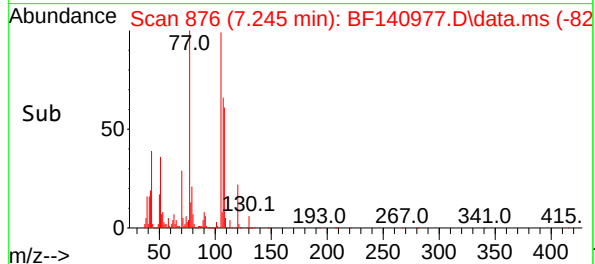
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



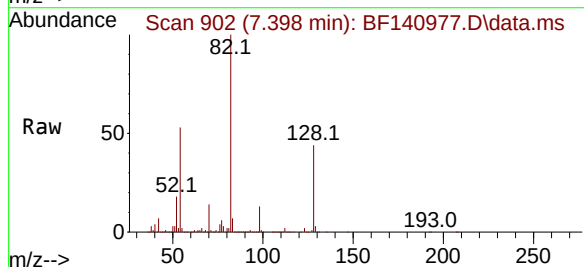
Tgt Ion:105 Resp: 1646630
Ion Ratio Lower Upper
105 100
71 5.0 6.1 9.1
51 36.5 25.8 38.6
120 22.2 18.1 27.1

Manual Integrations
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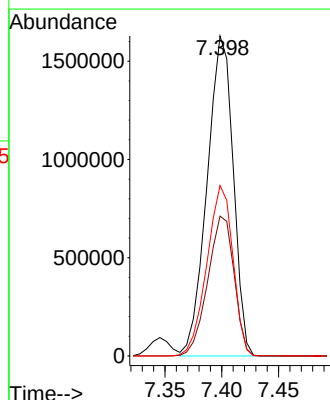
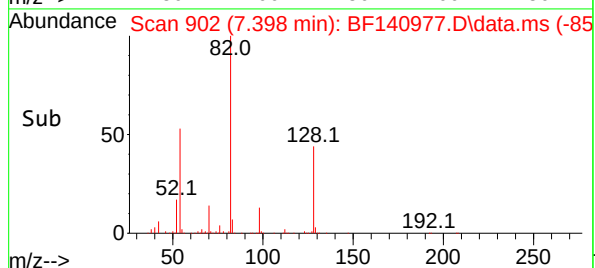
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

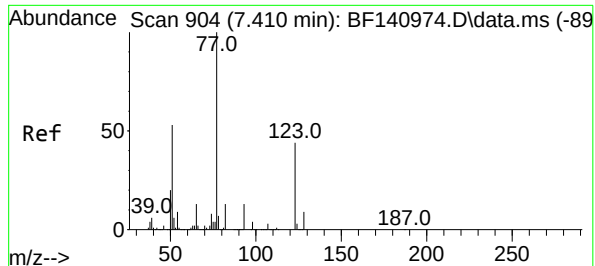


#23
Nitrobenzene-d5
Concen: 170.465 ng
RT: 7.398 min Scan# 902
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25



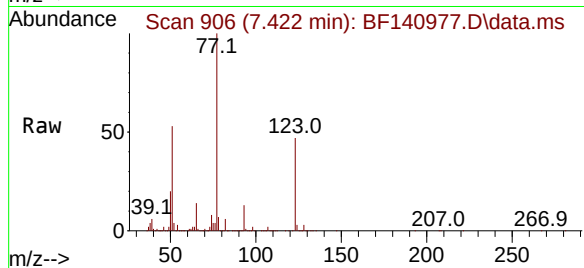
Tgt Ion: 82 Resp: 2604239
Ion Ratio Lower Upper
82 100
128 43.7 34.4 51.6
54 53.3 42.4 63.6





#24
Nitrobenzene
Concen: 81.994 ng
RT: 7.422 min Scan# 904
Delta R.T. 0.012 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

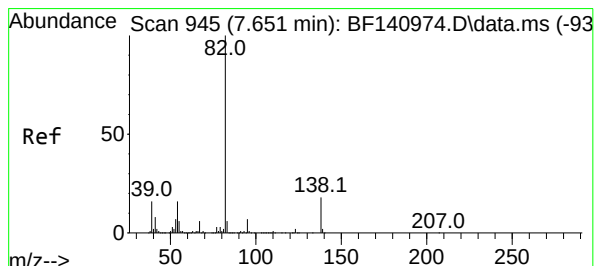
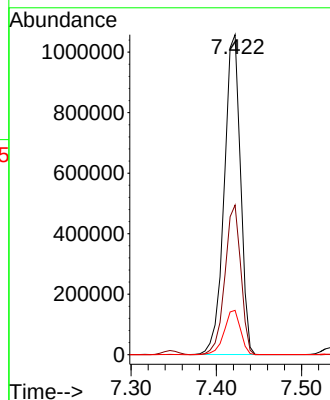
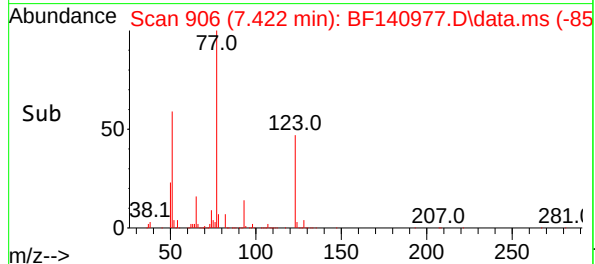
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 77 Resp: 1399699
Ion Ratio Lower Upper
77 100
123 46.8 35.4 53.2
65 13.9 10.7 16.1

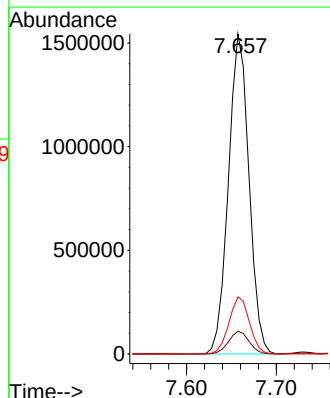
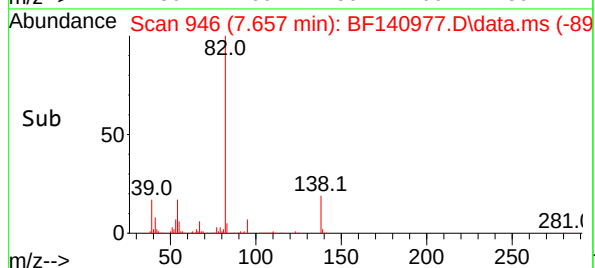
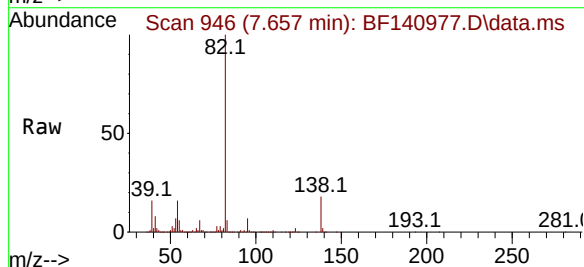
Manual Integrations
APPROVED

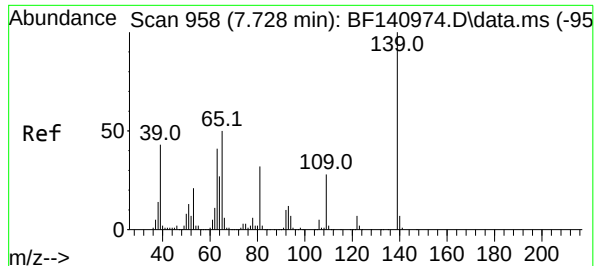
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#25
Isophorone
Concen: 73.842 ng
RT: 7.657 min Scan# 946
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Tgt Ion: 82 Resp: 2454830
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 17.8 14.6 21.8





#26
2-Nitrophenol
Concen: 80.829 ng
RT: 7.728 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

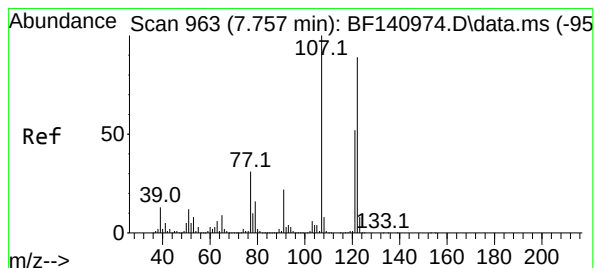
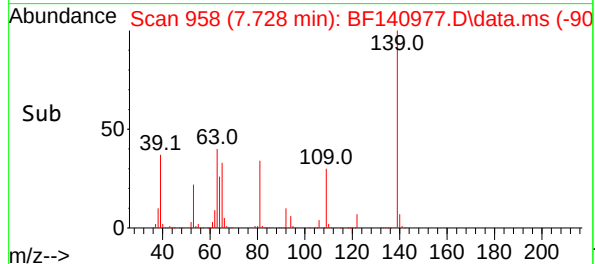
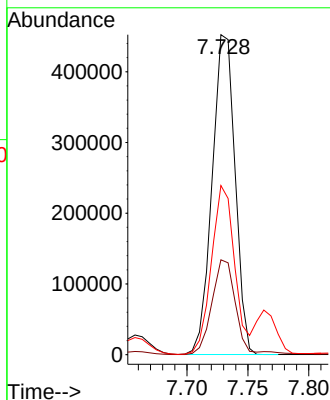
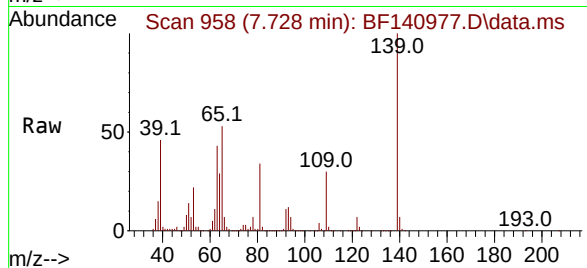
SSTDICC080

Tgt Ion	Ratio	Lower	Upper
139	100		
109	29.7	22.2	33.4
65	52.9	40.2	60.4

Manual Integrations

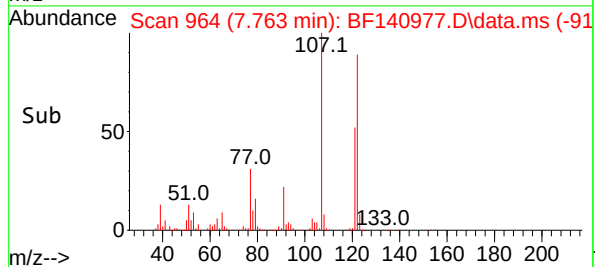
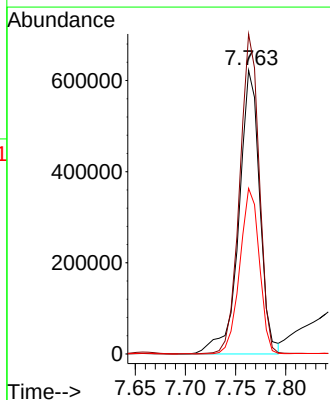
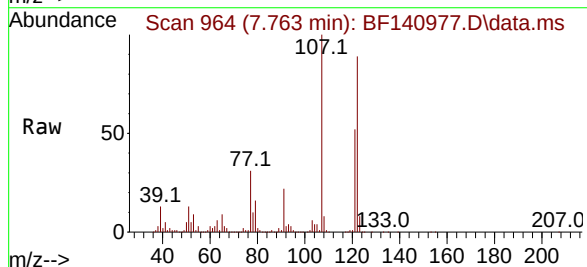
APPROVED

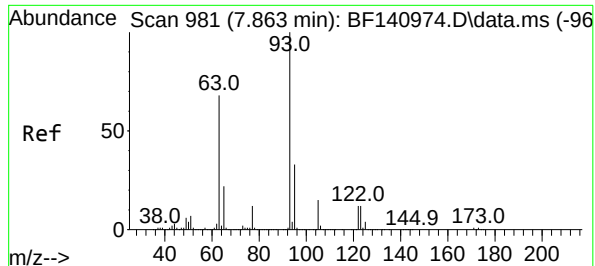
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#27
2,4-Dimethylphenol
Concen: 74.098 ng
RT: 7.763 min Scan# 964
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Tgt Ion	Ratio	Lower	Upper
122	100		
107	112.8	89.4	134.2
121	58.4	46.7	70.1





#28

bis(2-Chloroethoxy)methane

Concen: 71.188 ng

RT: 7.869 min Scan# 981

Delta R.T. 0.006 min

Lab File: BF140977.D

Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 93 Resp: 1499425

Ion Ratio Lower Upper

93 100

95 33.1 26.2 39.4

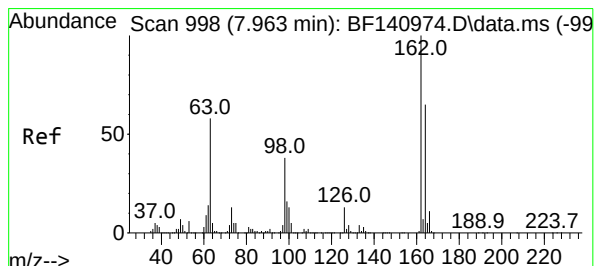
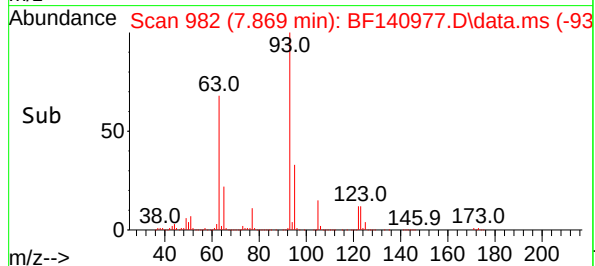
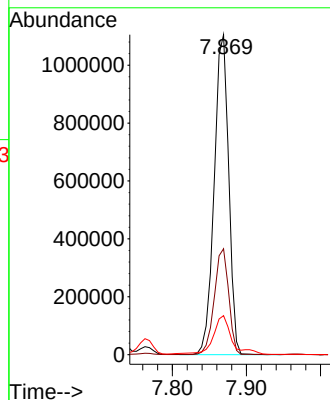
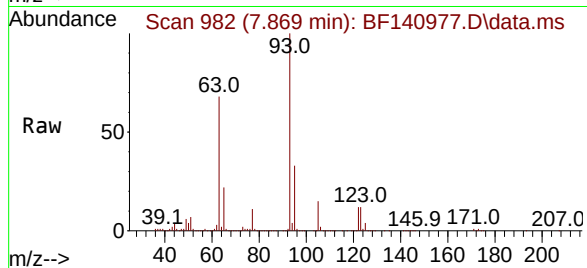
123 12.2 9.9 14.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#29

2,4-Dichlorophenol

Concen: 74.999 ng

RT: 7.969 min Scan# 999

Delta R.T. 0.006 min

Lab File: BF140977.D

Acq: 26 Dec 2024 19:25

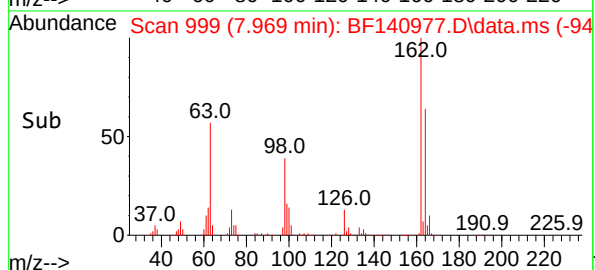
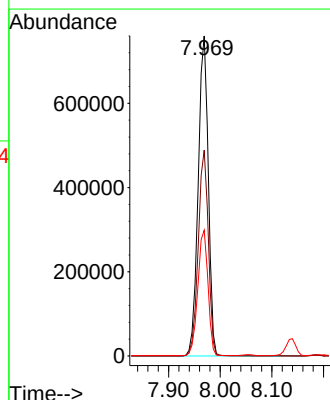
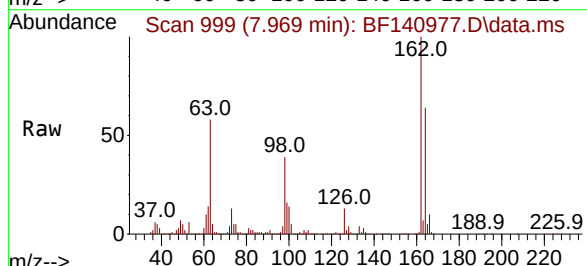
Tgt Ion:162 Resp: 1033455

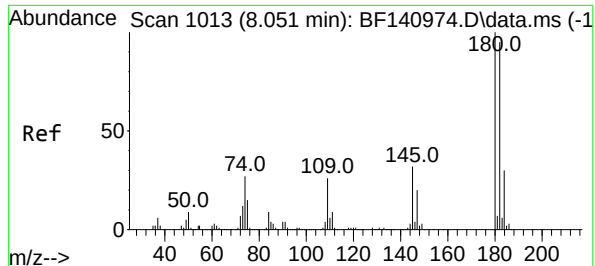
Ion Ratio Lower Upper

162 100

164 64.3 44.8 84.8

98 39.3 18.6 58.6





#30

1,2,4-Trichlorobenzene

Concen: 71.799 ng

RT: 8.057 min Scan# 1013

Delta R.T. 0.006 min

Lab File: BF140977.D

Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:180 Resp: 1119798

Ion Ratio Lower Upper

180 100

182 95.6 76.2 114.4

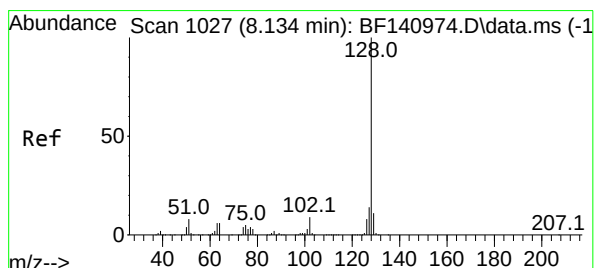
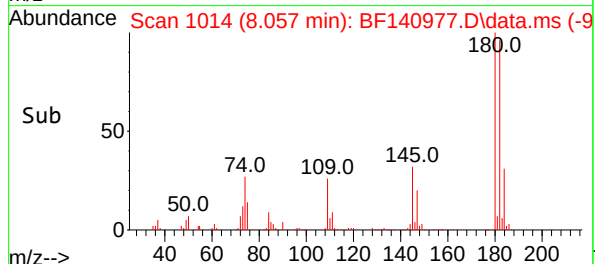
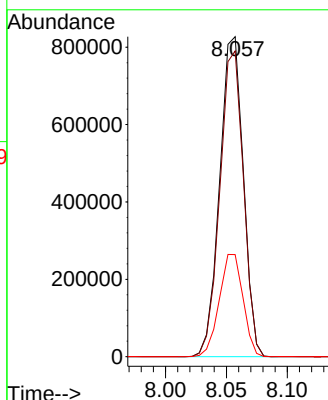
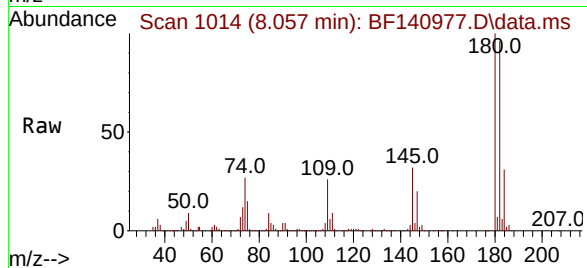
145 31.9 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#31

Naphthalene

Concen: 67.732 ng

RT: 8.140 min Scan# 1028

Delta R.T. 0.006 min

Lab File: BF140977.D

Acq: 26 Dec 2024 19:25

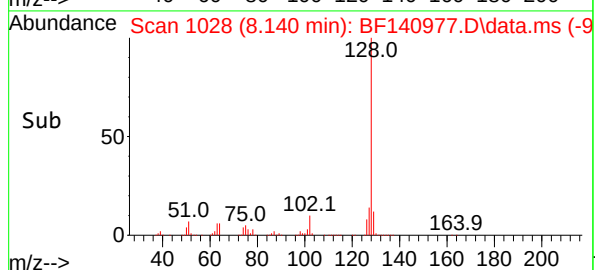
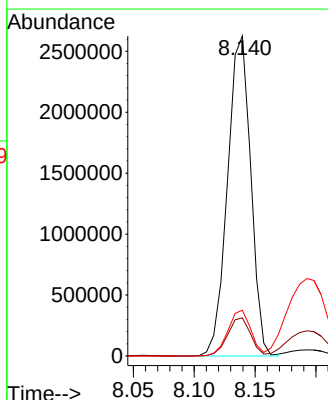
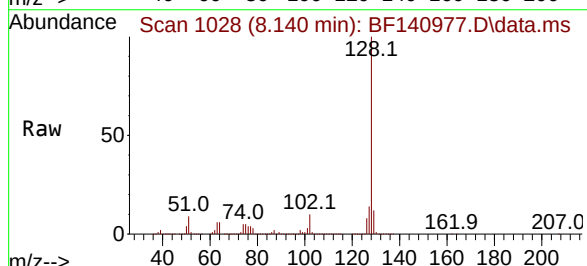
Tgt Ion:128 Resp: 3488407

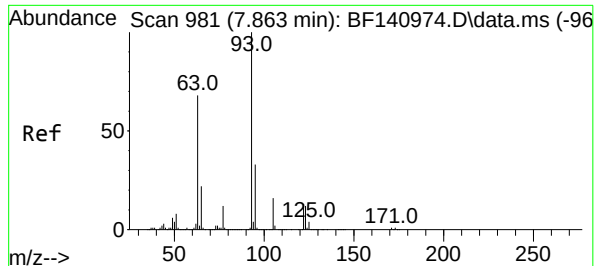
Ion Ratio Lower Upper

128 100

129 11.9 9.2 13.8

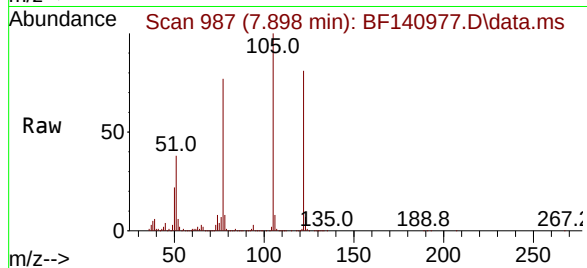
127 14.3 11.0 16.4





#32
Benzoic acid
Concen: 80.749 ng
RT: 7.898 min Scan# 981
Delta R.T. 0.035 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

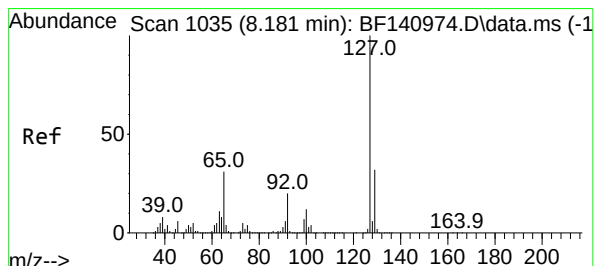
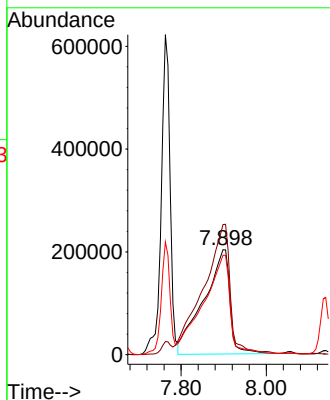
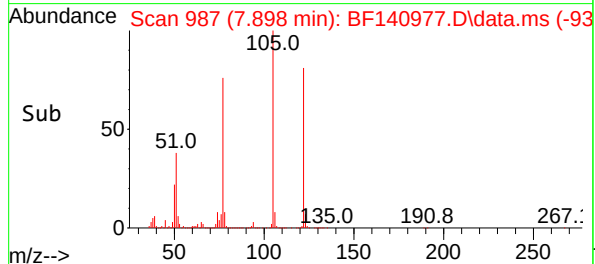
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:122 Resp: 869860
Ion Ratio Lower Upper
122 100
105 123.9 105.4 145.4
77 94.9 76.4 116.4

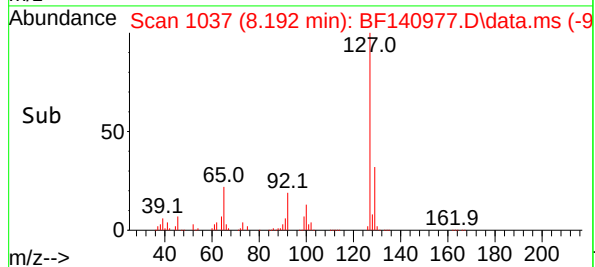
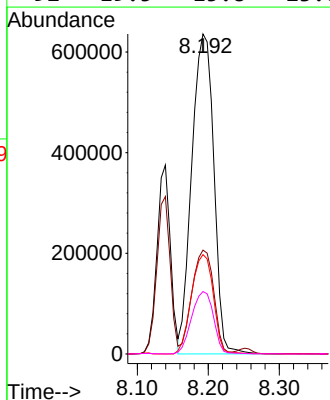
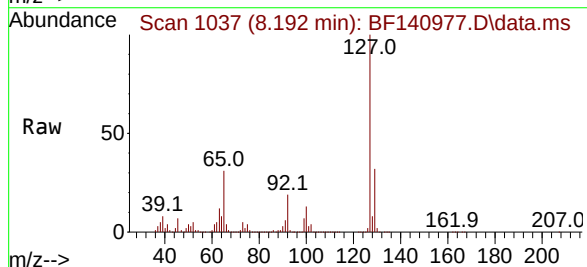
Manual Integrations
APPROVED

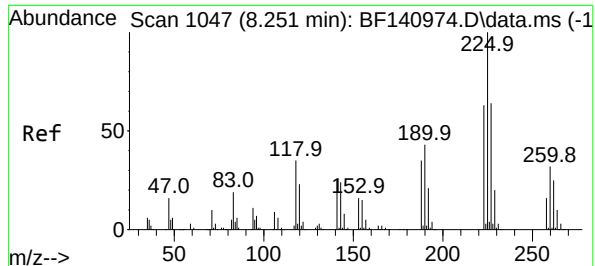
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#33
4-Chloroaniline
Concen: 73.729 ng
RT: 8.192 min Scan# 1037
Delta R.T. 0.012 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

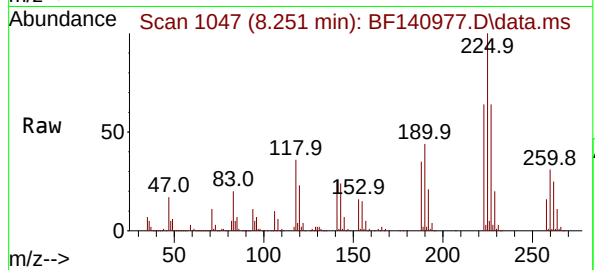
Tgt Ion:127 Resp: 1373750
Ion Ratio Lower Upper
127 100
129 32.5 26.1 39.1
65 31.1 24.6 37.0
92 19.5 15.8 23.6





#34
Hexachlorobutadiene
Concen: 72.129 ng
RT: 8.251 min Scan# 1100
Delta R.T. 0.000 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

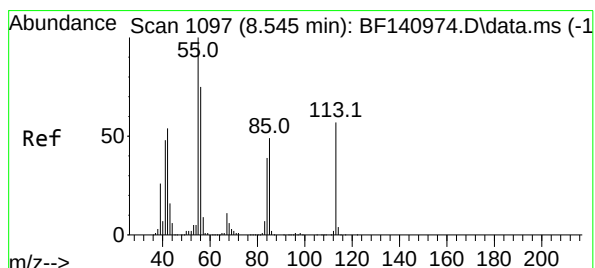
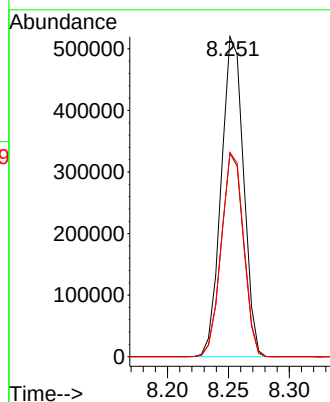
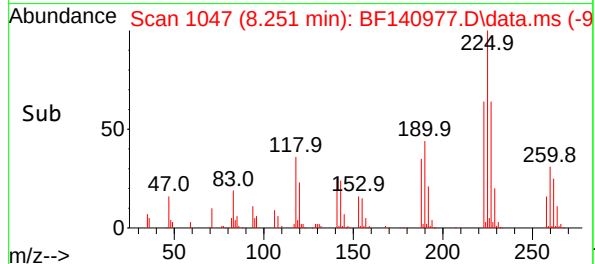
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:225 Resp: 66319
Ion Ratio Lower Upper
225 100
223 63.6 50.3 75.5
227 63.8 50.8 76.2

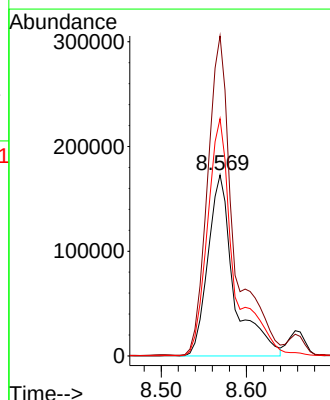
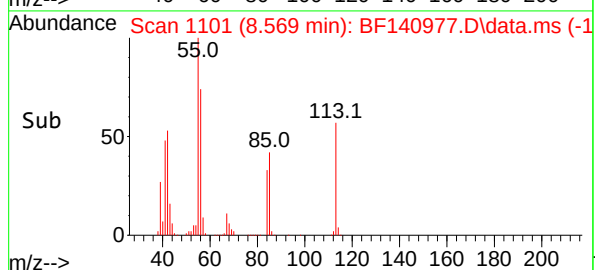
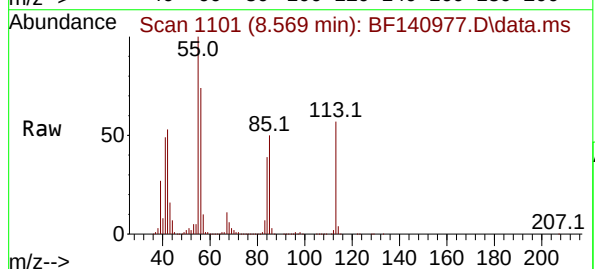
Manual Integrations
APPROVED

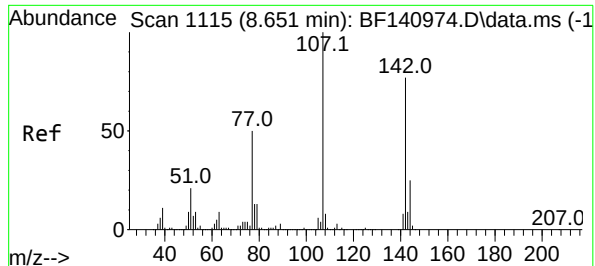
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#35
Caprolactam
Concen: 78.800 ng
RT: 8.569 min Scan# 1101
Delta R.T. 0.024 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

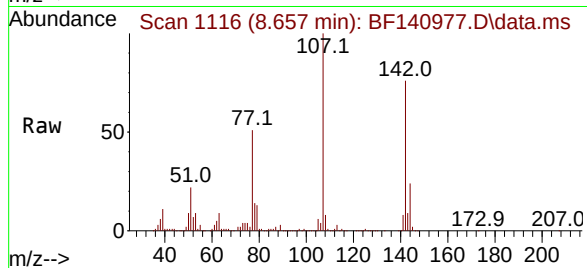
Tgt Ion:113 Resp: 369167
Ion Ratio Lower Upper
113 100
55 176.9 156.6 196.6
56 131.2 111.7 151.7





#36
4-Chloro-3-methylphenol
Concen: 74.790 ng
RT: 8.657 min Scan# 1115
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

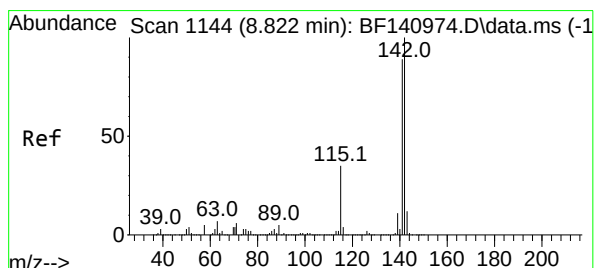
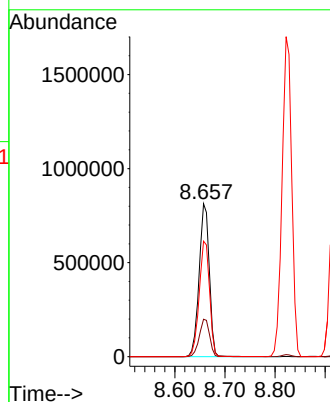
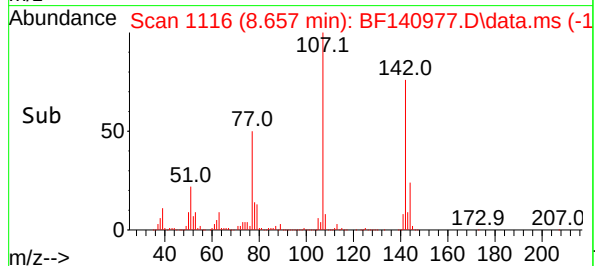
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:107 Resp: 1144500
Ion Ratio Lower Upper
107 100
144 24.5 19.9 29.9
142 75.6 61.8 92.8

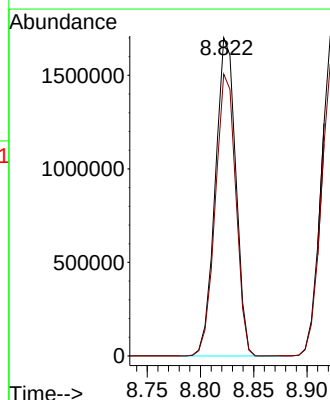
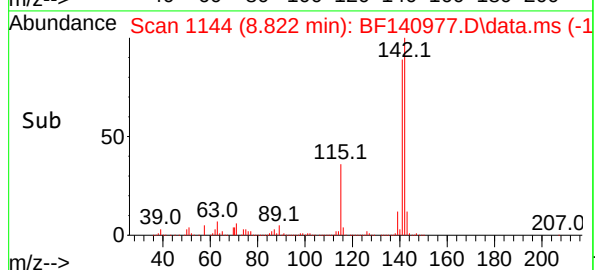
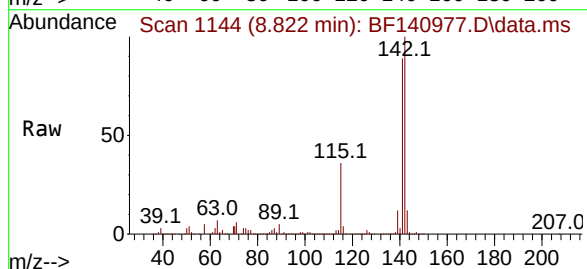
Manual Integrations
APPROVED

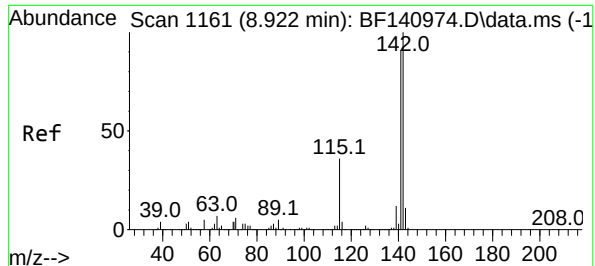
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#37
2-Methylnaphthalene
Concen: 68.904 ng
RT: 8.822 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

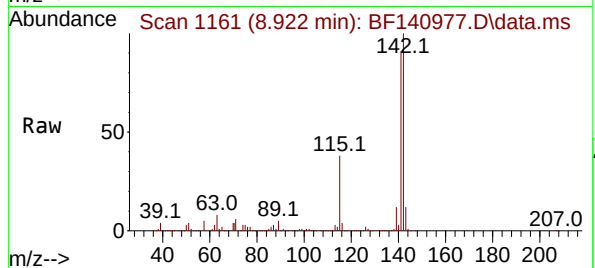
Tgt Ion:142 Resp: 2270301
Ion Ratio Lower Upper
142 100
141 88.6 71.1 106.7





#38
1-Methylnaphthalene
Concen: 68.910 ng
RT: 8.922 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

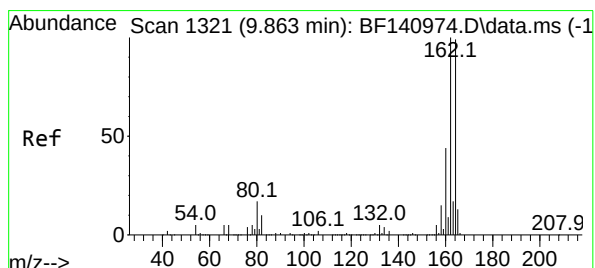
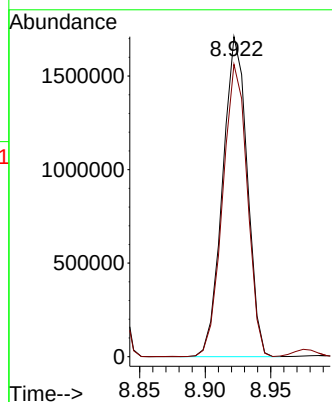
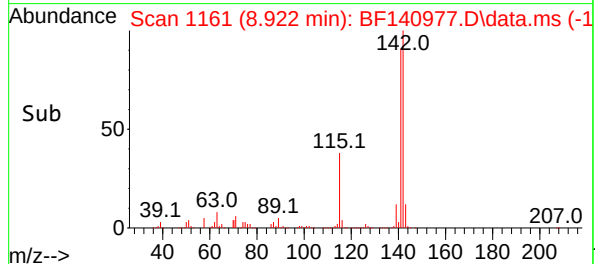
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:142 Resp: 223139
Ion Ratio Lower Upper
142 100
141 91.3 72.7 109.1

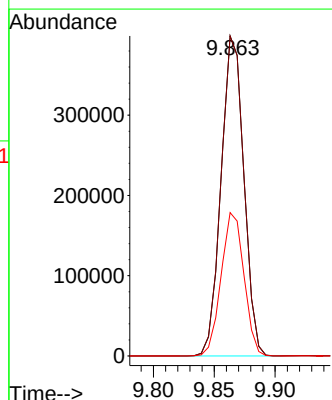
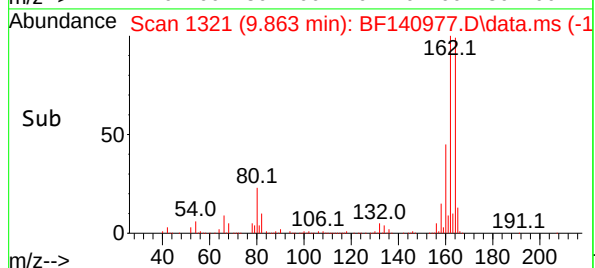
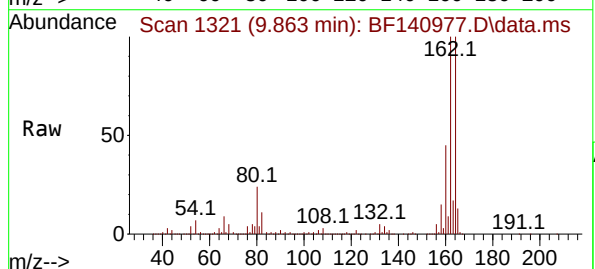
Manual Integrations
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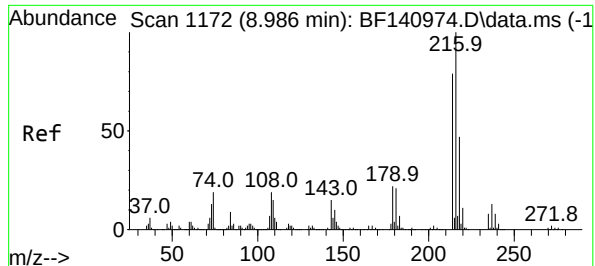
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Tgt Ion:164 Resp: 517561
Ion Ratio Lower Upper
164 100
162 100.0 80.6 120.8
160 44.8 35.7 53.5





#40

1,2,4,5-Tetrachlorobenzene

Concen: 71.328 ng

RT: 8.987 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF140977.D

Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:216 Resp: 101562

Ion Ratio Lower Upper

216 100

214 78.6 63.0 94.6

179 22.7 17.9 26.9

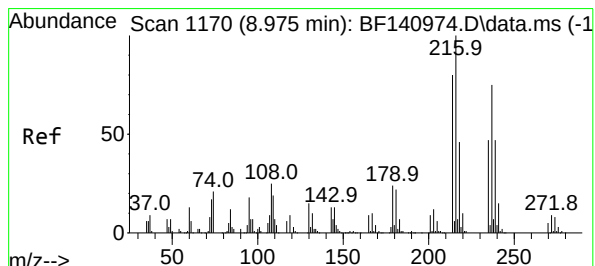
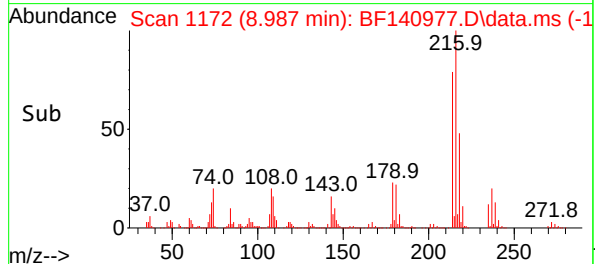
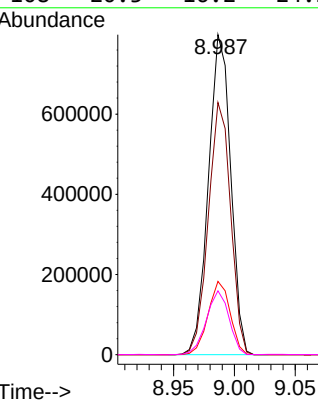
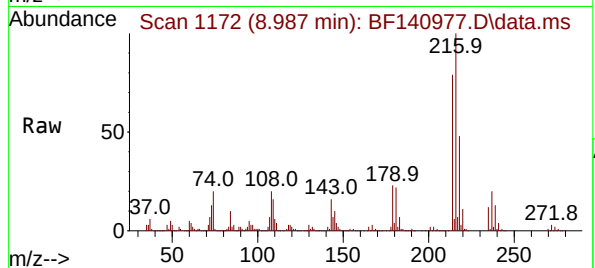
108 20.3 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#41

Hexachlorocyclopentadiene

Concen: 79.096 ng

RT: 8.975 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF140977.D

Acq: 26 Dec 2024 19:25

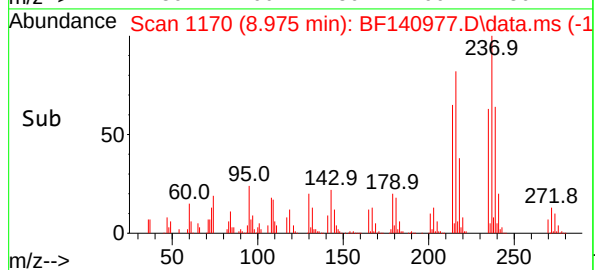
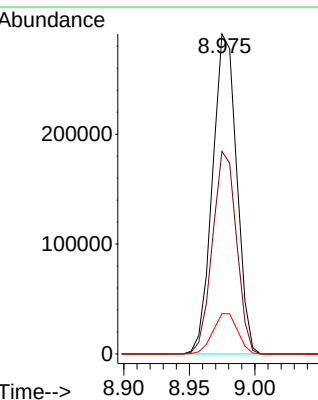
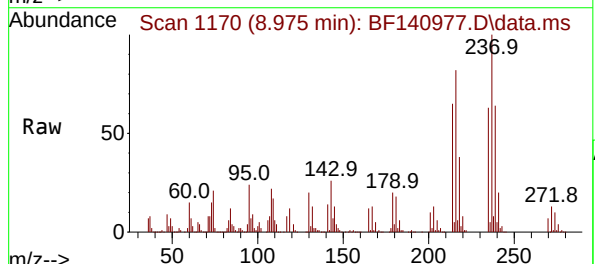
Tgt Ion:237 Resp: 373217

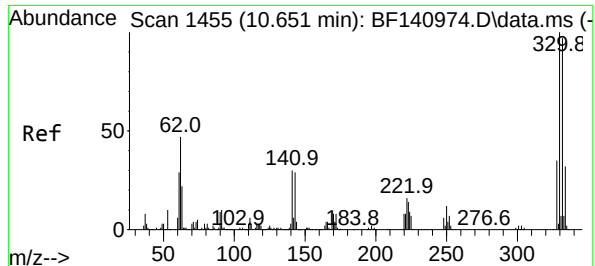
Ion Ratio Lower Upper

237 100

235 63.3 43.4 83.4

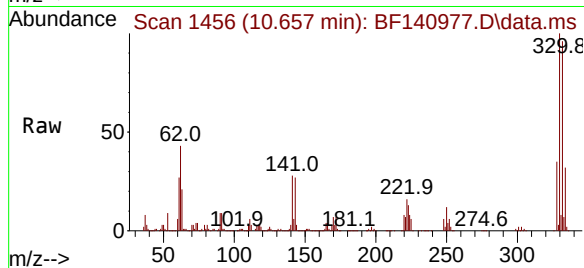
272 12.6 0.0 32.6





#42
2,4,6-Tribromophenol
Concen: 163.492 ng
RT: 10.657 min Scan# 1455
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

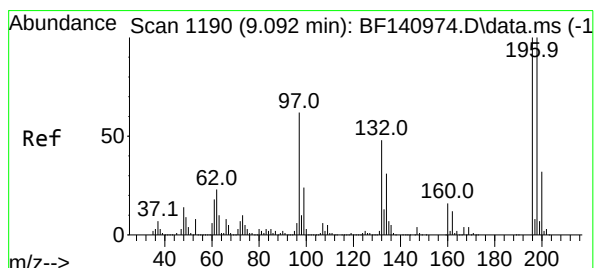
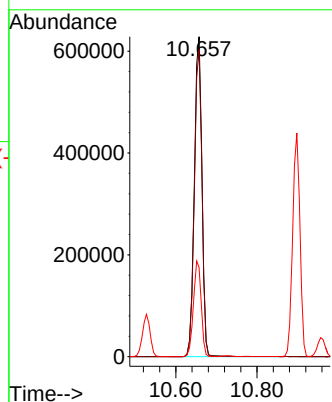
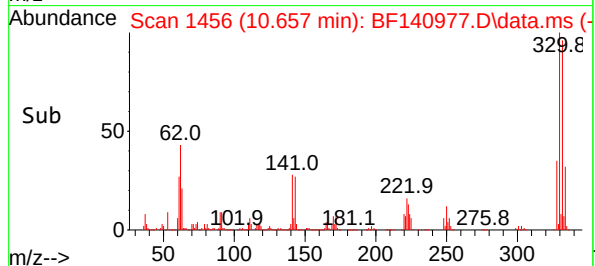
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:330 Resp: 822230
Ion Ratio Lower Upper
330 100
332 95.5 78.0 117.0
141 30.3 26.4 39.6

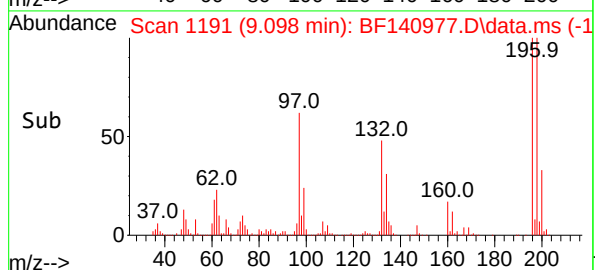
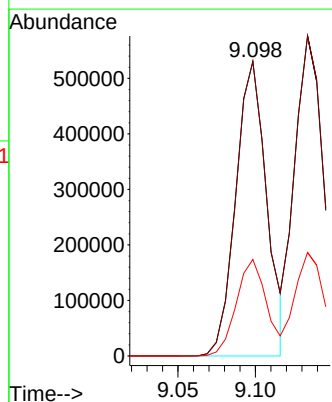
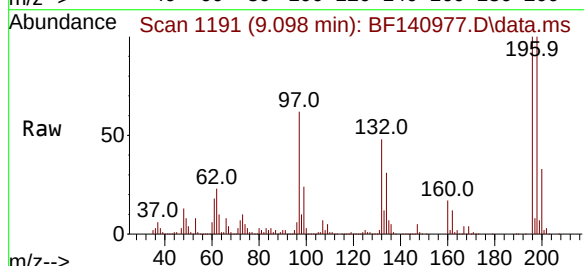
Manual Integrations
APPROVED

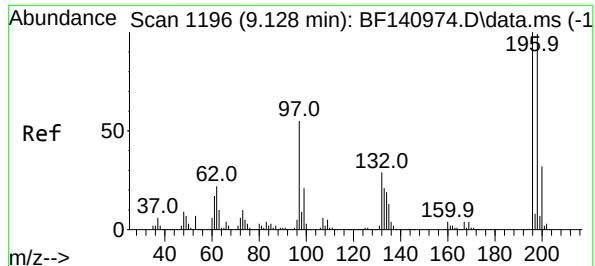
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#43
2,4,6-Trichlorophenol
Concen: 77.418 ng
RT: 9.098 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Tgt Ion:196 Resp: 733660
Ion Ratio Lower Upper
196 100
198 100.1 80.2 120.4
200 32.7 25.8 38.6





#44

2,4,5-Trichlorophenol

Concen: 75.868 ng

RT: 9.134 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF140977.D

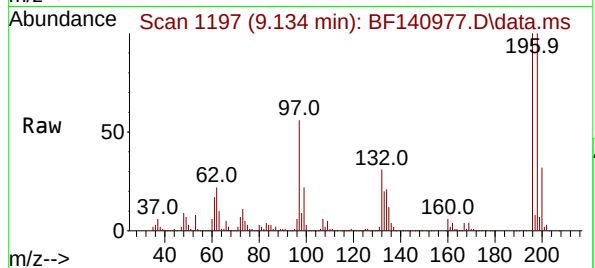
Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:196 Resp: 735644

Ion Ratio Lower Upper

196 100

198 100.0 79.9 119.9

97 56.0 44.3 66.5

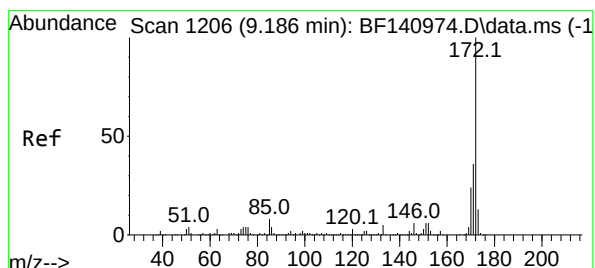
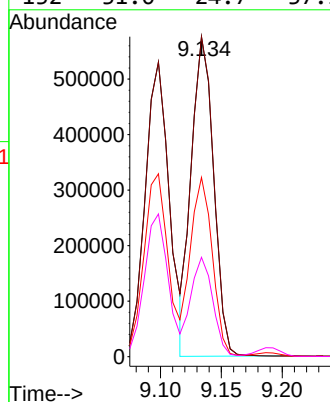
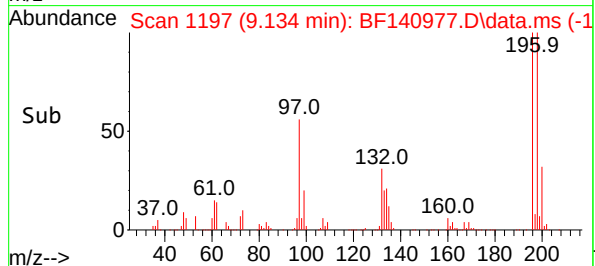
132 31.0 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#45

2-Fluorobiphenyl

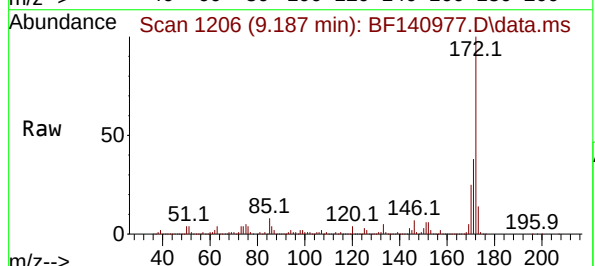
Concen: 128.248 ng

RT: 9.187 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF140977.D

Acq: 26 Dec 2024 19:25



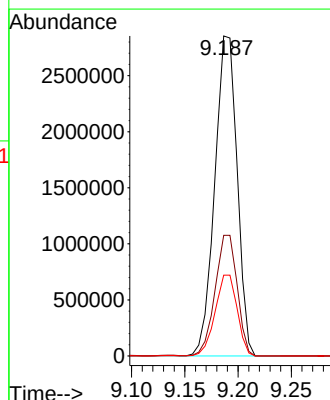
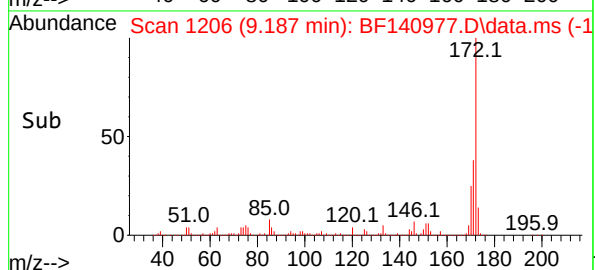
Tgt Ion:172 Resp: 4166122

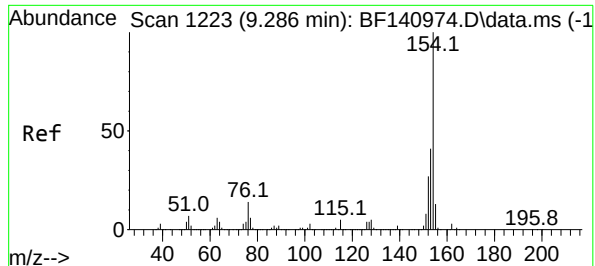
Ion Ratio Lower Upper

172 100

171 37.7 29.0 43.4

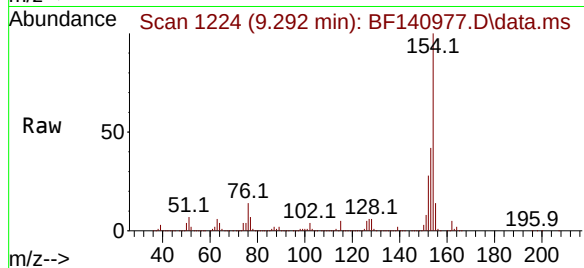
170 25.2 19.6 29.4





#46
1,1'-Biphenyl
Concen: 67.425 ng
RT: 9.292 min Scan# 1224
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

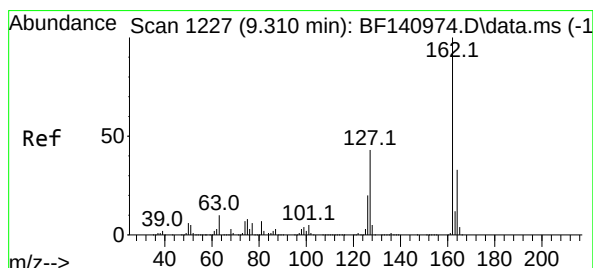
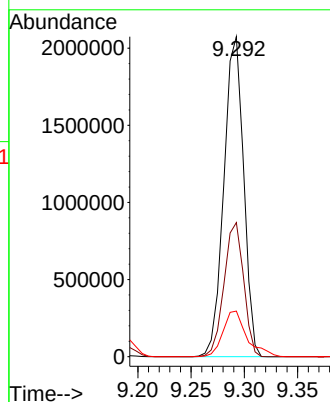
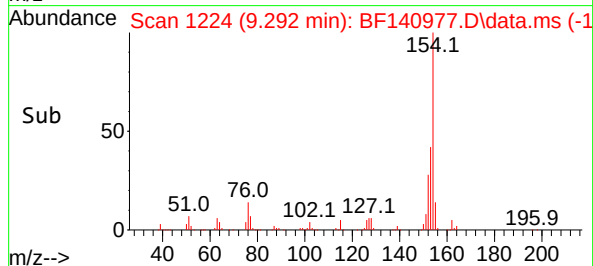
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:154 Resp: 2671990
Ion Ratio Lower Upper
154 100
153 41.9 20.9 60.9
76 14.2 0.0 34.0

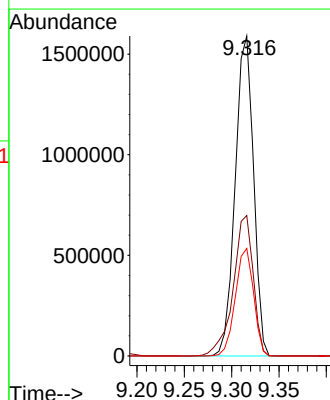
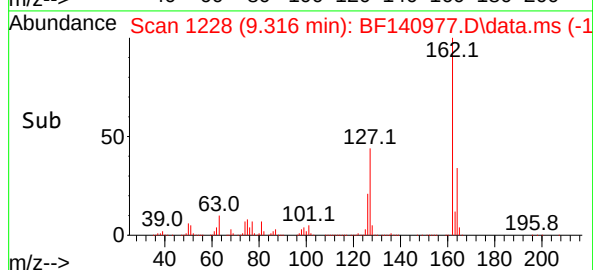
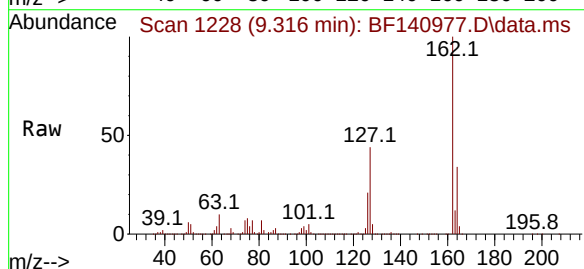
Manual Integrations
APPROVED

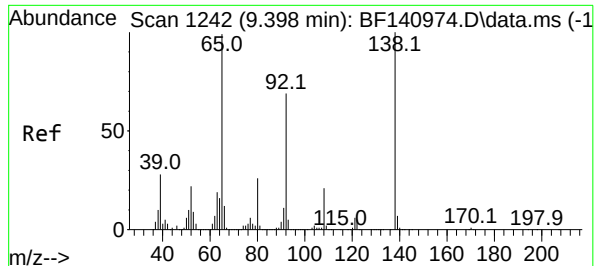
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#47
2-Chloronaphthalene
Concen: 69.446 ng
RT: 9.316 min Scan# 1228
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

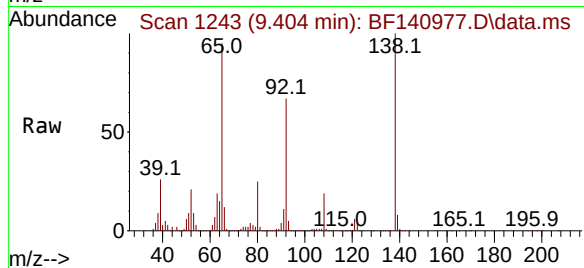
Tgt Ion:162 Resp: 2134444
Ion Ratio Lower Upper
162 100
127 43.9 34.2 51.4
164 33.6 26.6 40.0





#48
2-Nitroaniline
Concen: 80.177 ng
RT: 9.404 min Scan# 1243
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

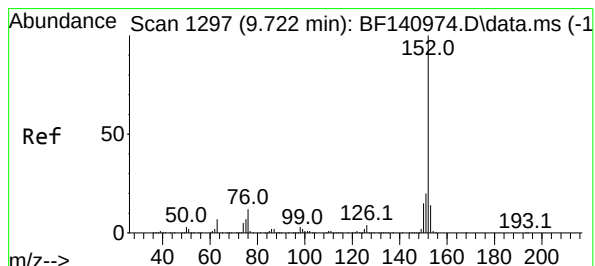
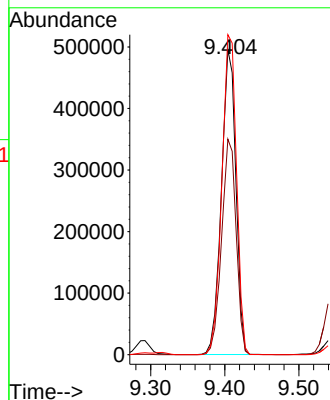
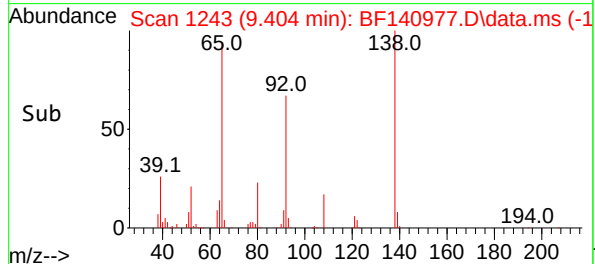
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 65 Resp: 672379
Ion Ratio Lower Upper
65 100
92 70.7 55.6 83.4
138 104.9 80.5 120.7

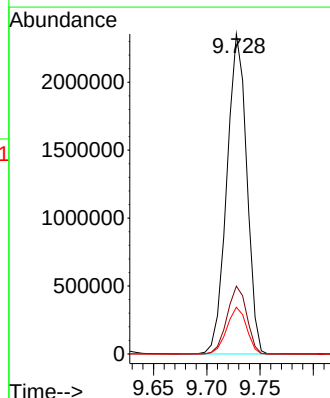
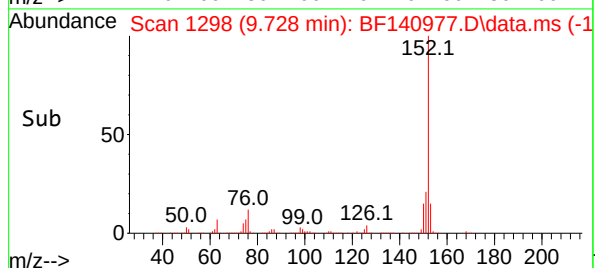
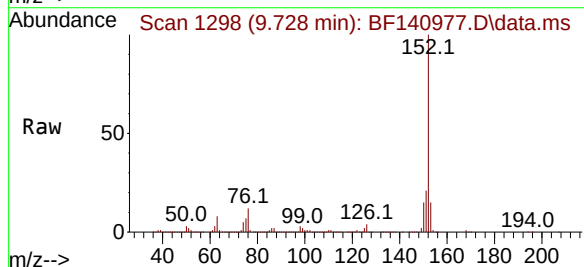
Manual Integrations
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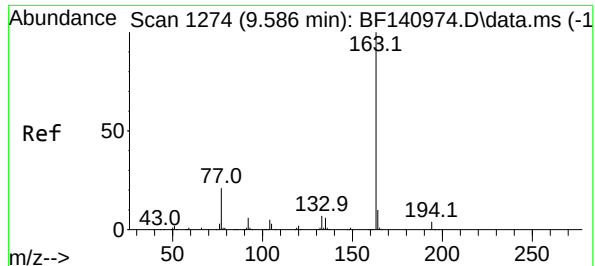
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#49
Acenaphthylene
Concen: 69.133 ng
RT: 9.728 min Scan# 1298
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

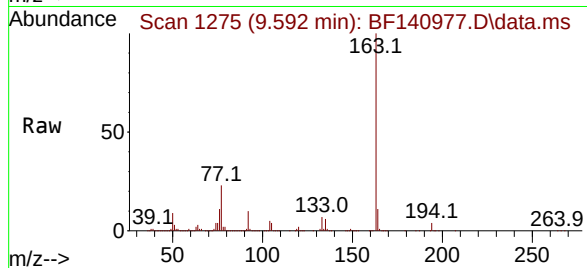
Tgt Ion:152 Resp: 3058781
Ion Ratio Lower Upper
152 100
151 21.2 16.2 24.4
153 14.6 11.4 17.0





#50
Dimethylphthalate
Concen: 72.109 ng
RT: 9.592 min Scan# 1275
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

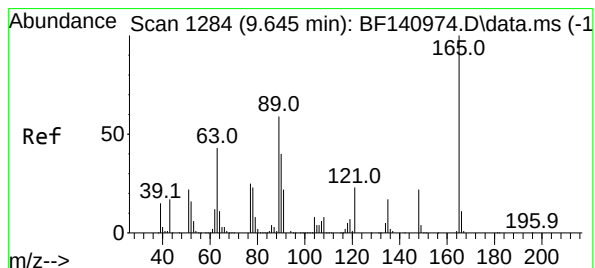
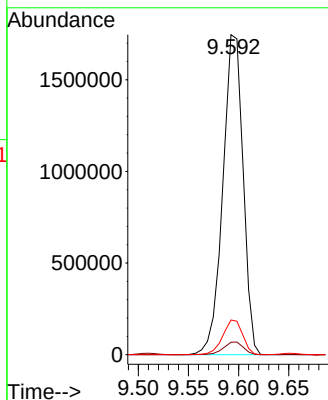
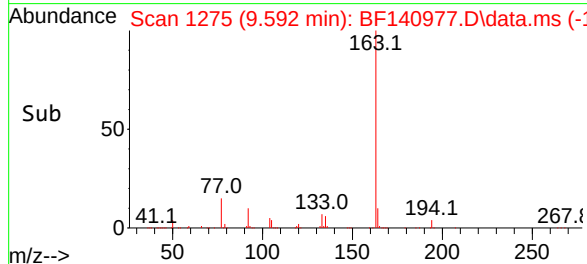
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



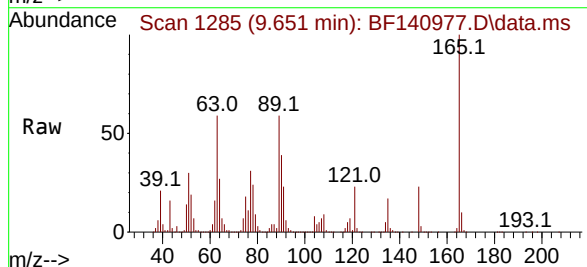
Tgt Ion:163 Resp: 245484
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.9 8.3 12.5

Manual Integrations
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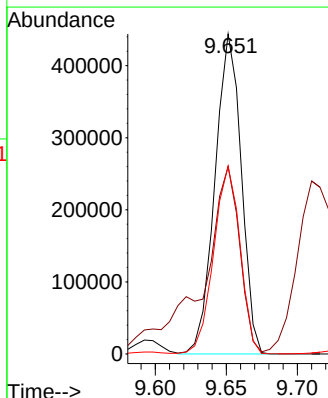
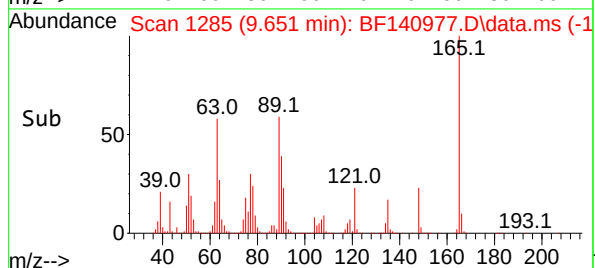
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

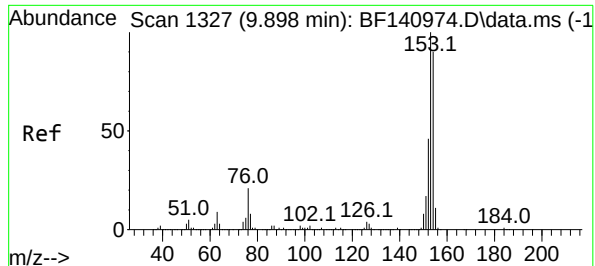


#51
2,6-Dinitrotoluene
Concen: 79.723 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25



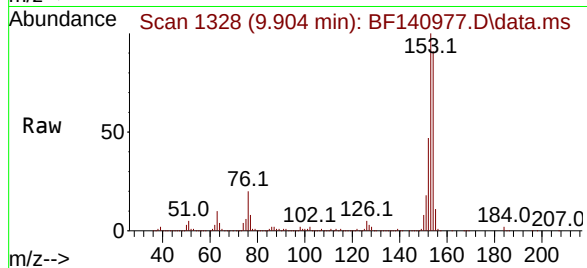
Tgt Ion:165 Resp: 571642
Ion Ratio Lower Upper
165 100
63 58.6 47.1 70.7
89 58.7 47.0 70.4





#52
Acenaphthene
Concen: 71.048 ng
RT: 9.904 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

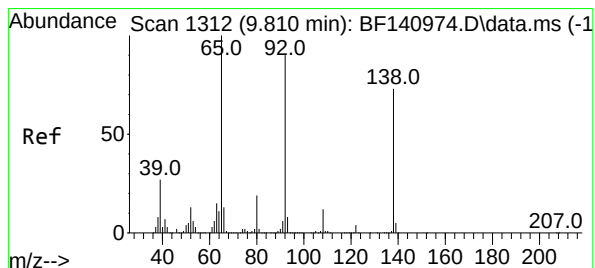
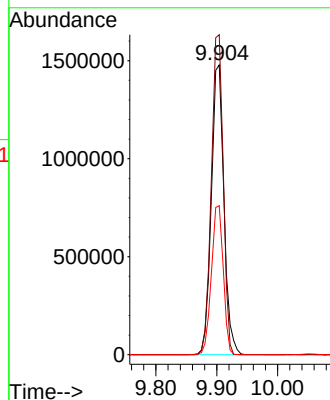
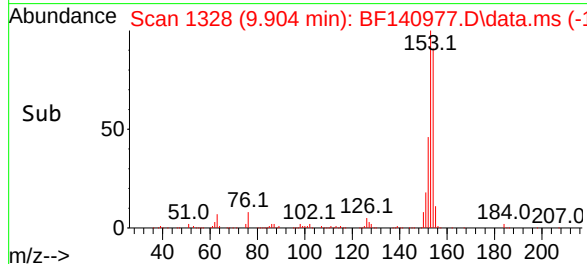
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:154 Resp: 2125174
Ion Ratio Lower Upper
154 100
153 110.5 89.2 133.8
152 51.4 40.9 61.3

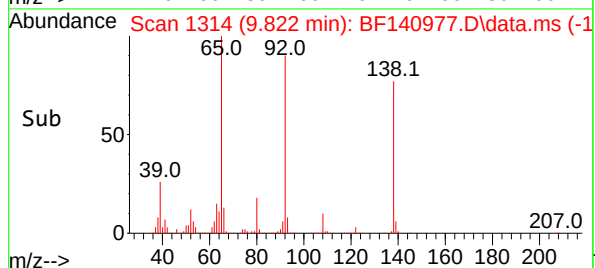
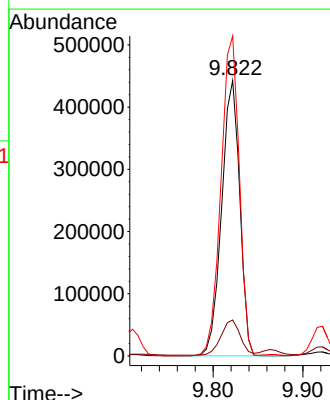
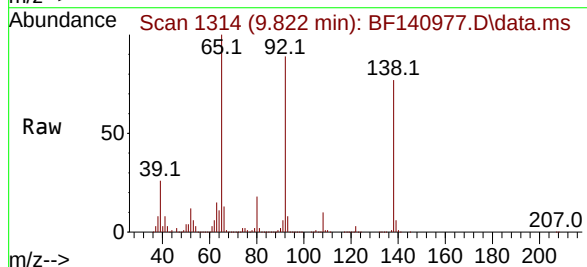
Manual Integrations
APPROVED

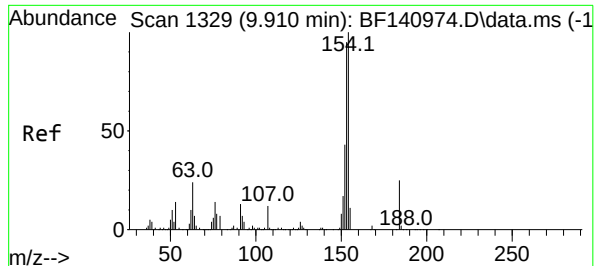
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#53
3-Nitroaniline
Concen: 79.606 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.012 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

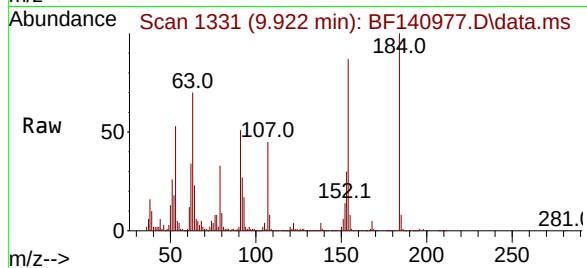
Tgt Ion:138 Resp: 618458
Ion Ratio Lower Upper
138 100
108 13.0 13.5 20.3#
92 116.1 97.7 146.5





#54
2,4-Dinitrophenol
Concen: 79.264 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

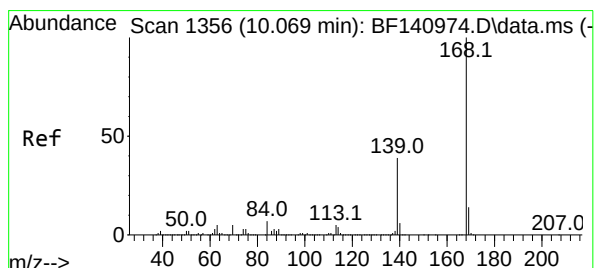
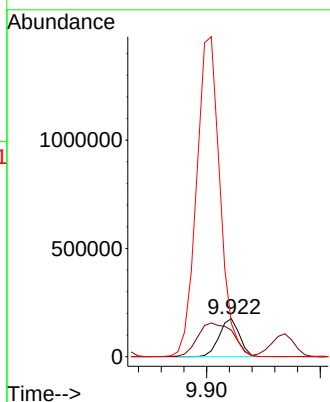
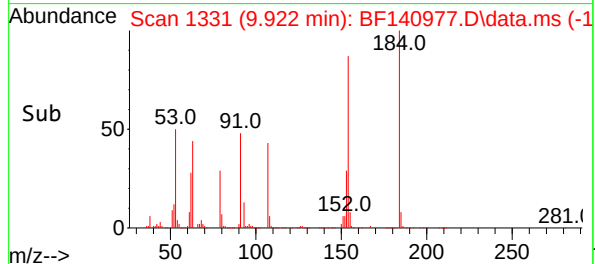
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:184 Resp: 21748
Ion Ratio Lower Upper
184 100
63 69.9 81.6 122.4
154 87.2 363.5 545.3

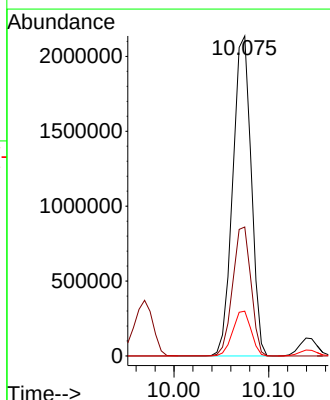
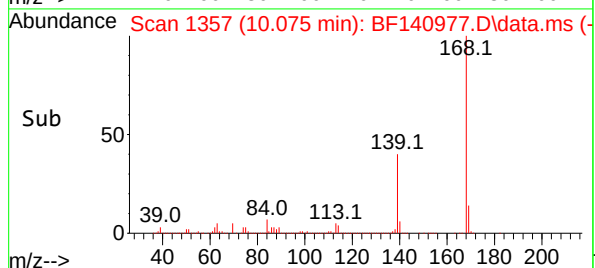
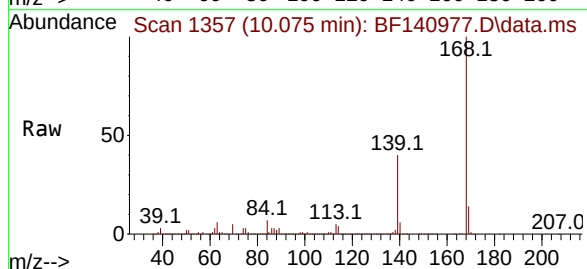
Manual Integrations
APPROVED

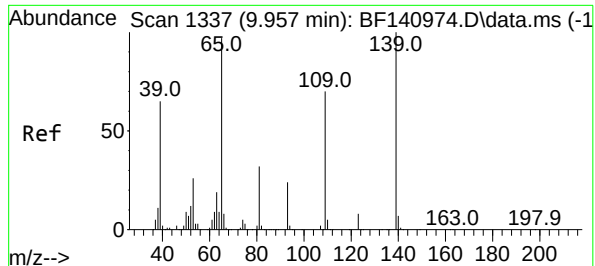
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#55
Dibenzofuran
Concen: 68.424 ng
RT: 10.075 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

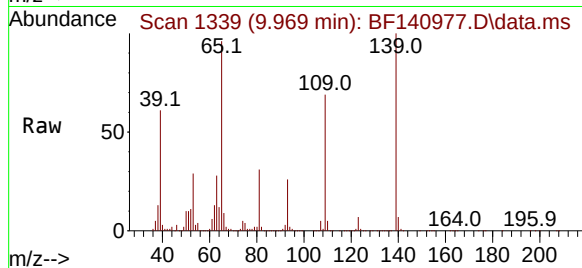
Tgt Ion:168 Resp: 2876315
Ion Ratio Lower Upper
168 100
139 40.3 31.6 47.4
169 14.0 11.0 16.6





#56
4-Nitrophenol
Concen: 89.372 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

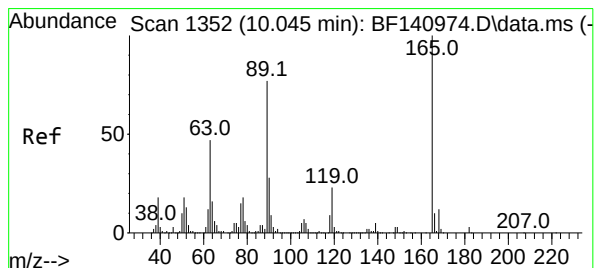
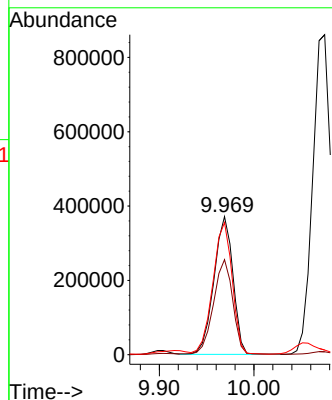
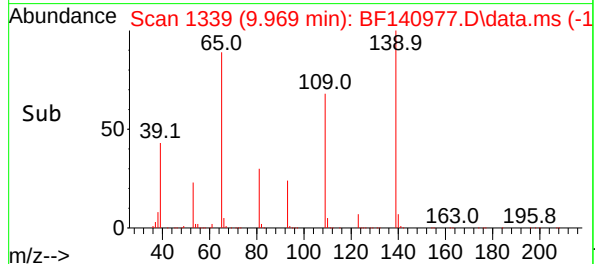
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:139 Resp: 520450
Ion Ratio Lower Upper
139 100
109 68.8 50.8 90.8
65 95.6 78.5 118.5

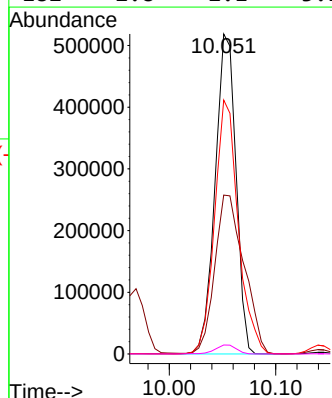
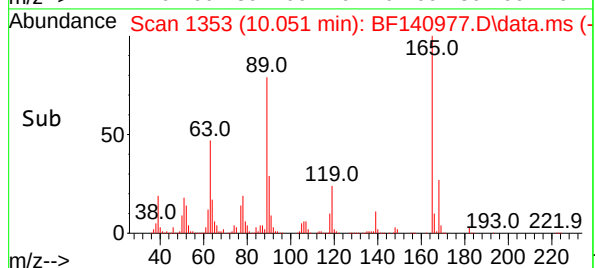
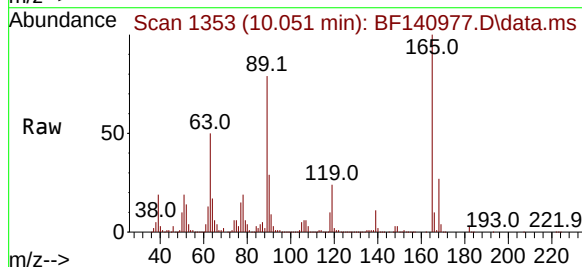
Manual Integrations
APPROVED

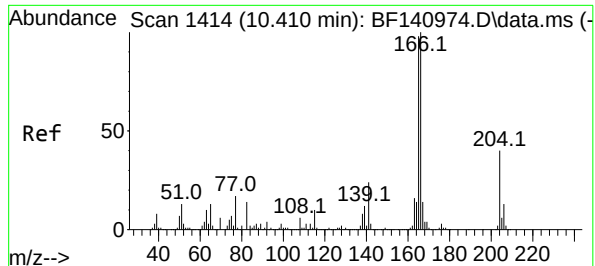
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#57
2,4-Dinitrotoluene
Concen: 79.614 ng
RT: 10.051 min Scan# 1353
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

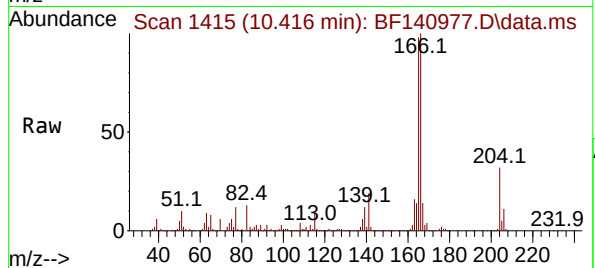
Tgt Ion:165 Resp: 704156
Ion Ratio Lower Upper
165 100
63 49.6 38.1 57.1
89 79.3 61.4 92.2
182 2.8 2.1 3.1





#58
Fluorene
Concen: 67.635 ng
RT: 10.416 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

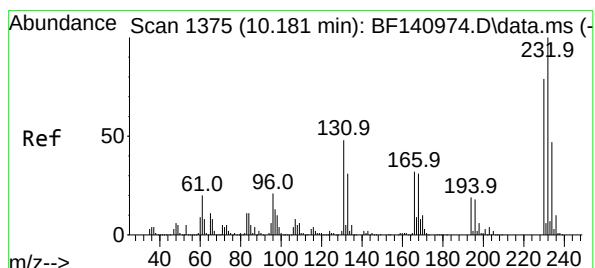
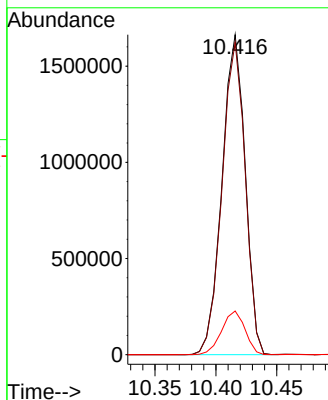
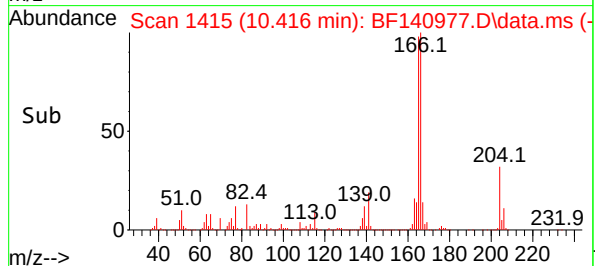
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:166 Resp: 2204698
Ion Ratio Lower Upper
166 100
165 97.6 78.3 117.5
167 13.7 10.9 16.3

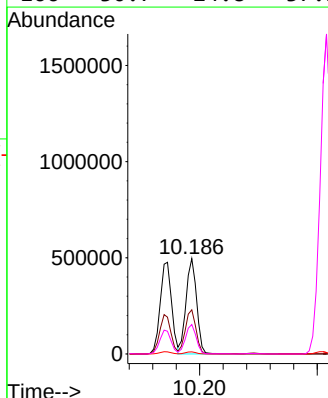
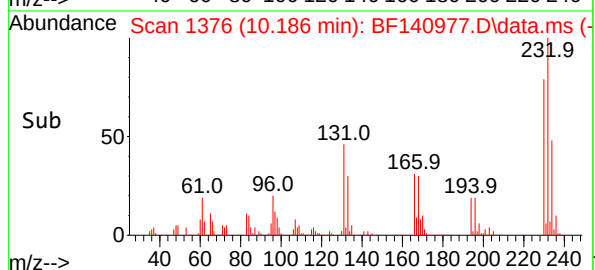
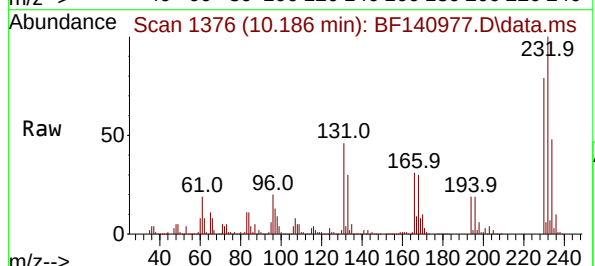
Manual Integrations
APPROVED

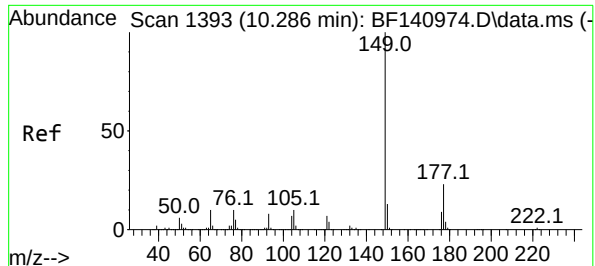
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#59
2,3,4,6-Tetrachlorophenol
Concen: 77.824 ng
RT: 10.186 min Scan# 1376
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Tgt Ion:232 Resp: 624965
Ion Ratio Lower Upper
232 100
131 46.4 37.4 56.2
130 2.3 1.8 2.8
166 30.7 24.8 37.2





#60
Diethylphthalate
Concen: 72.349 ng
RT: 10.292 min Scan# 1394
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

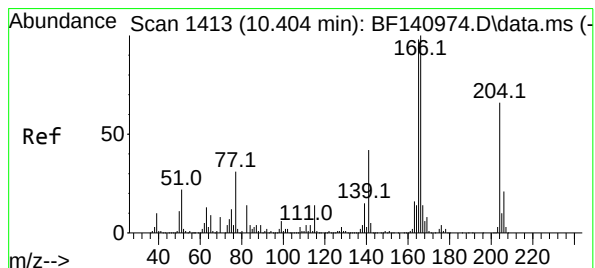
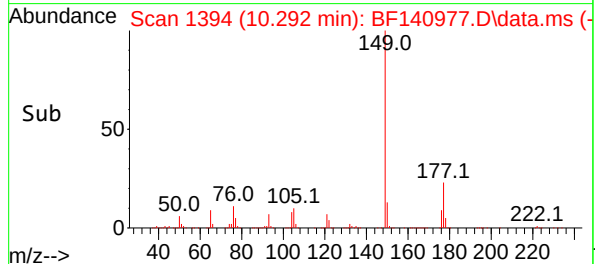
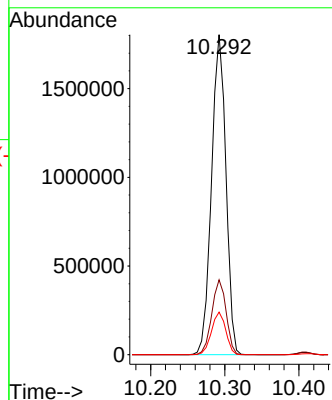
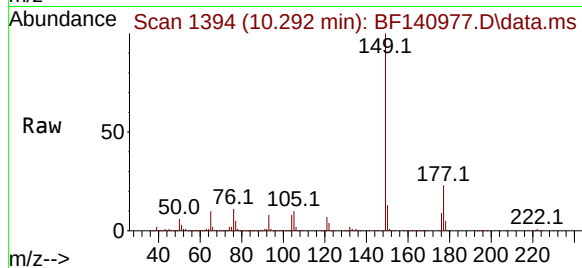
SSTDICC080

Tgt Ion:149 Resp: 243154
Ion Ratio Lower Upper
149 100
177 23.4 18.3 27.5
150 13.3 10.4 15.6

Manual Integrations

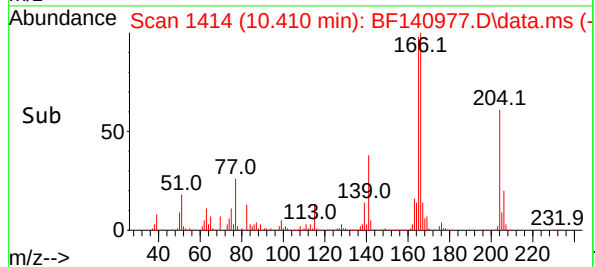
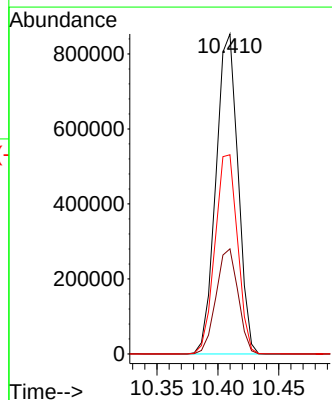
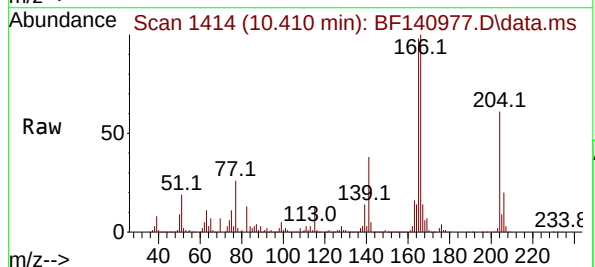
APPROVED

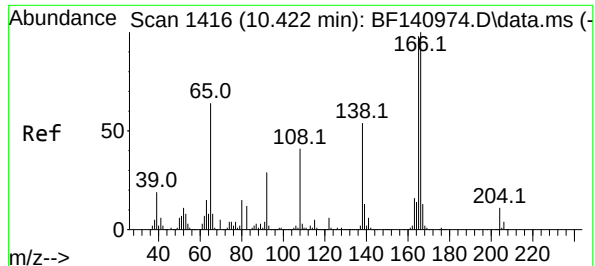
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#61
4-Chlorophenyl-phenylether
Concen: 68.724 ng
RT: 10.410 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Tgt Ion:204 Resp: 1077930
Ion Ratio Lower Upper
204 100
206 32.9 25.8 38.6
141 62.2 51.2 76.8





#62
4-Nitroaniline
Concen: 80.074 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.017 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

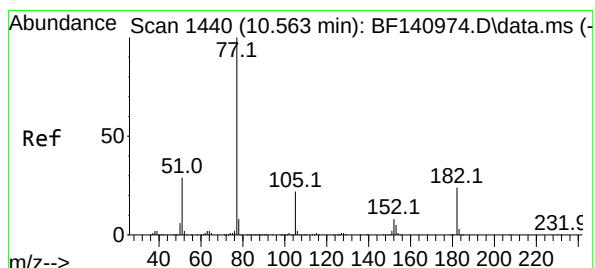
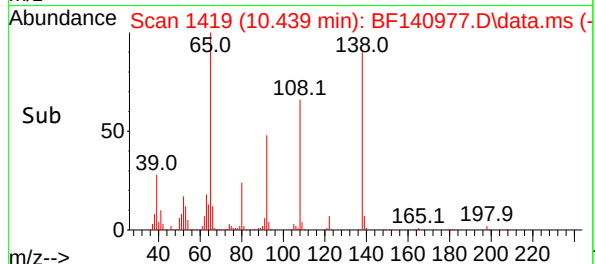
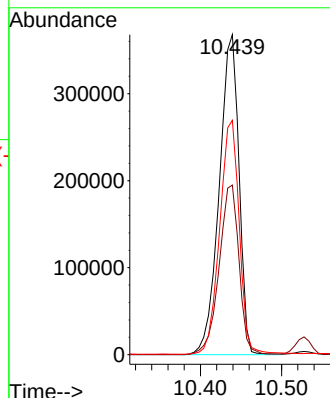
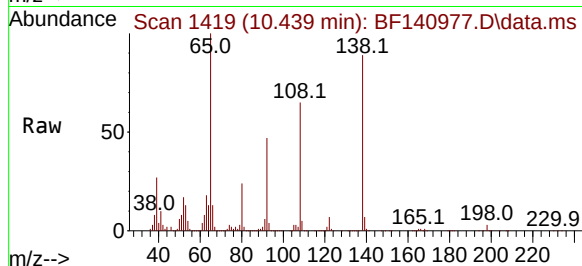
SSTDICC080

Tgt Ion:138 Resp: 622110
Ion Ratio Lower Upper
138 100
92 53.0 34.8 74.8
108 73.2 55.9 95.9

Manual Integrations

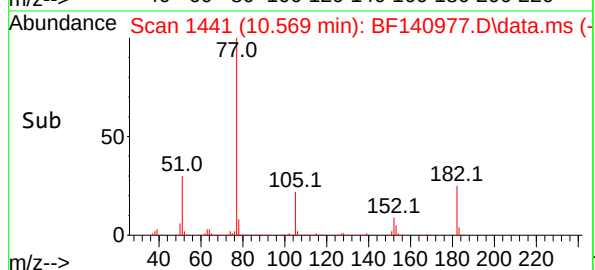
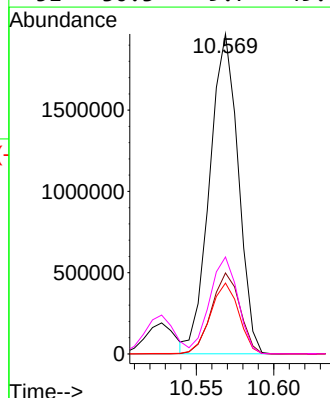
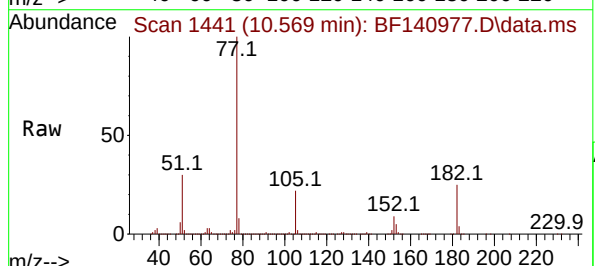
APPROVED

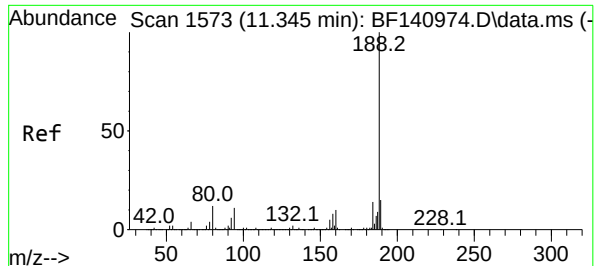
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#63
Azobenzene
Concen: 71.600 ng
RT: 10.569 min Scan# 1441
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

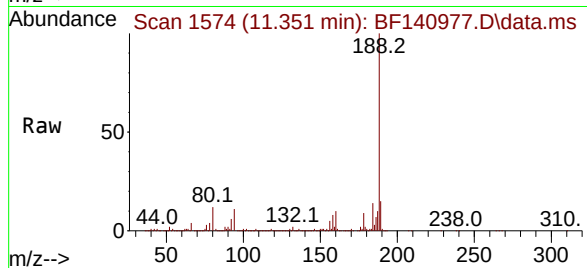
Tgt Ion: 77 Resp: 2525786
Ion Ratio Lower Upper
77 100
182 25.3 4.1 44.1
105 22.2 1.8 41.8
51 30.3 9.7 49.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

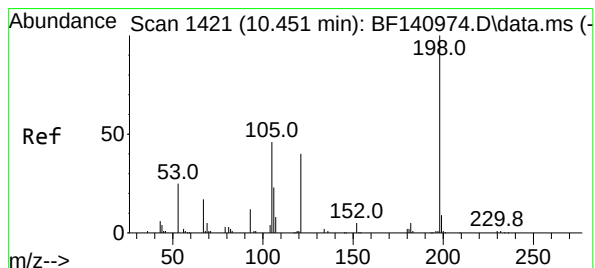
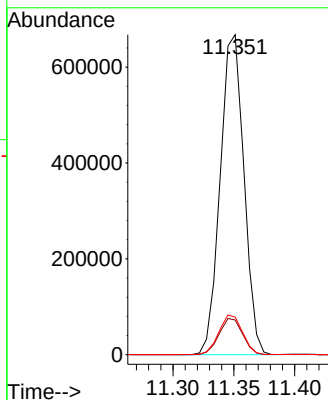
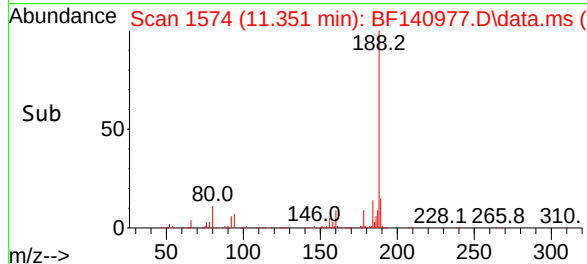
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



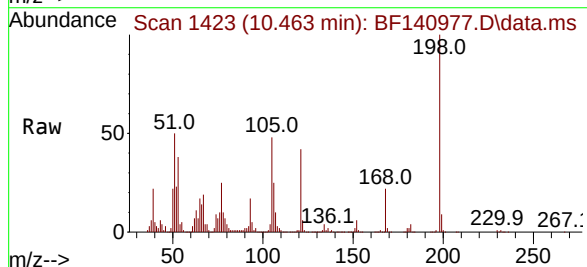
Tgt Ion:188 Resp: 90597
Ion Ratio Lower Upper
188 100
94 10.8 9.0 13.6
80 11.7 9.8 14.6

Manual Integrations
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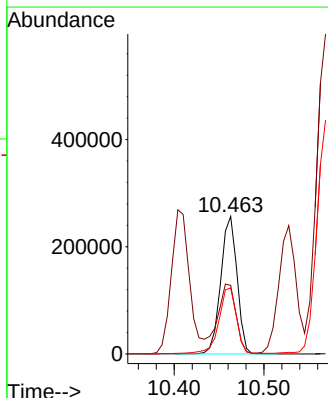
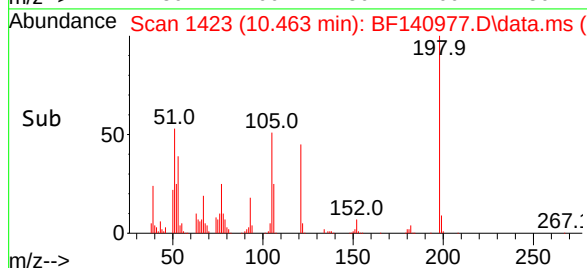
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

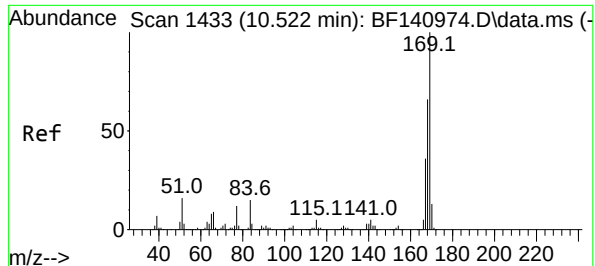


#65
4,6-Dinitro-2-methylphenol
Concen: 81.463 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25



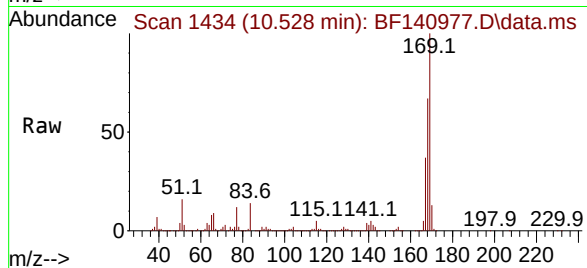
Tgt Ion:198 Resp: 323476
Ion Ratio Lower Upper
198 100
51 49.9 32.3 72.3
105 48.0 28.4 68.4





#66
n-Nitrosodiphenylamine
Concen: 70.890 ng
RT: 10.528 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

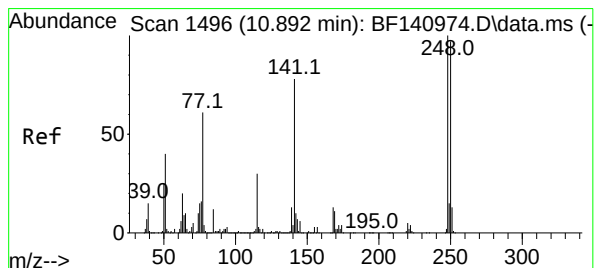
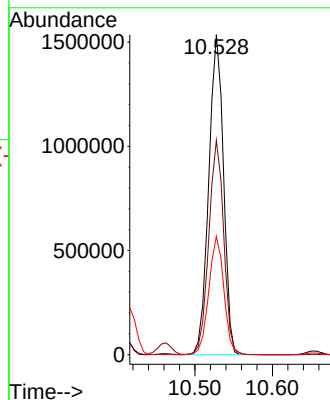
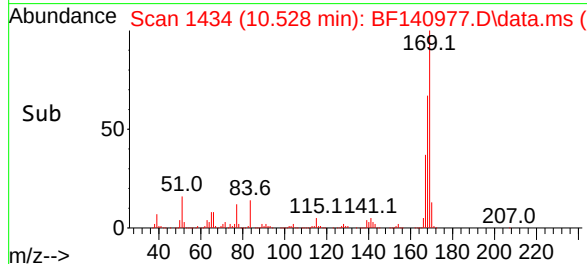
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



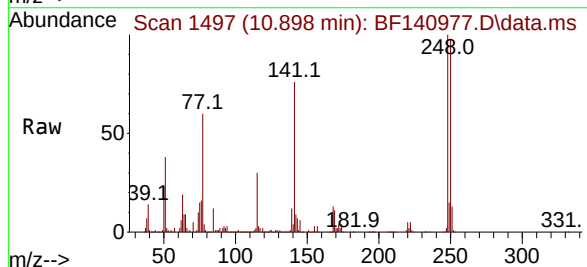
Tgt Ion:169 Resp: 202241
Ion Ratio Lower Upper
169 100
168 67.0 52.6 79.0
167 36.9 29.0 43.4

Manual Integrations
APPROVED

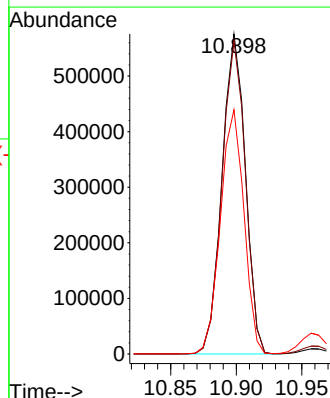
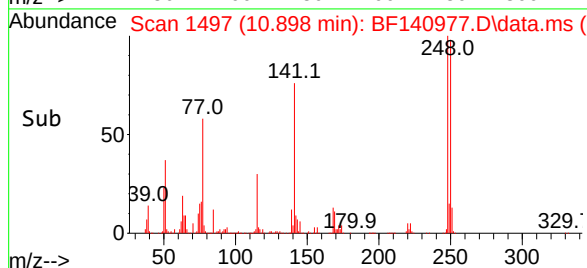
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

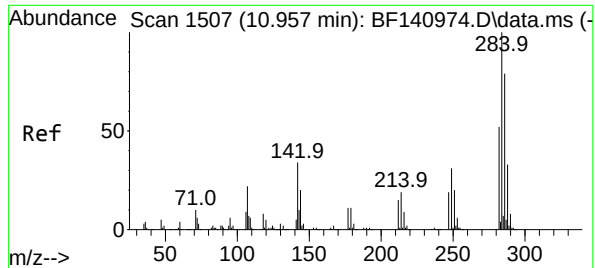


#67
4-Bromophenyl-phenylether
Concen: 72.884 ng
RT: 10.898 min Scan# 1497
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25



Tgt Ion:248 Resp: 713807
Ion Ratio Lower Upper
248 100
250 97.8 77.7 116.5
141 76.3 62.1 93.1





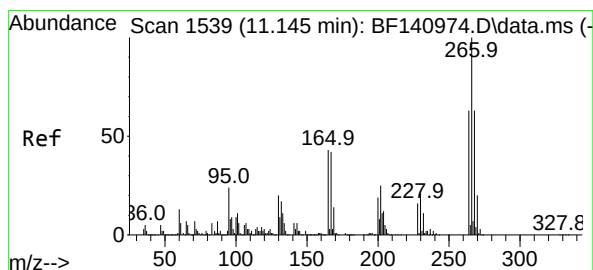
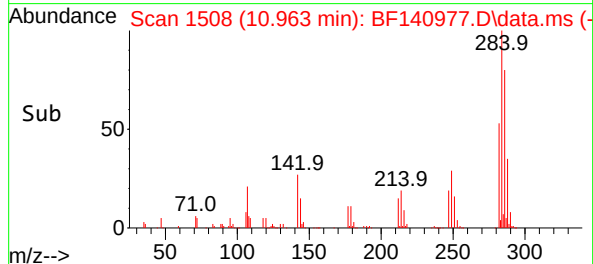
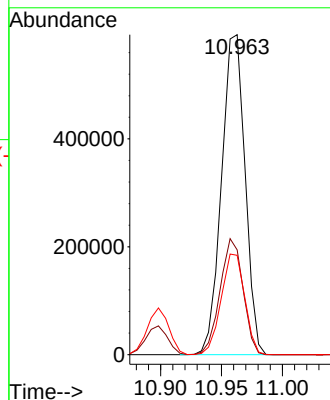
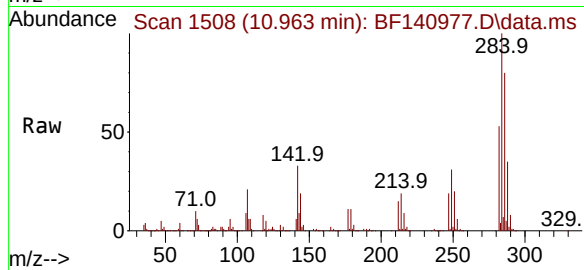
#68
Hexachlorobenzene
Concen: 73.971 ng
RT: 10.963 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:284 Resp: 79882
Ion Ratio Lower Upper
284 100
142 32.8 27.1 40.7
249 31.0 25.1 37.7

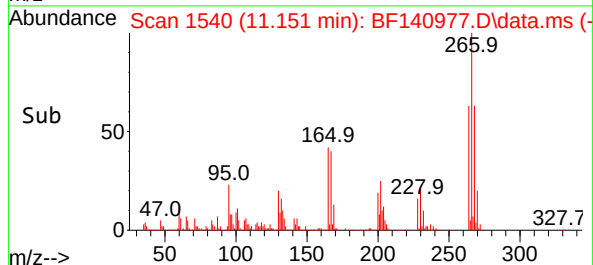
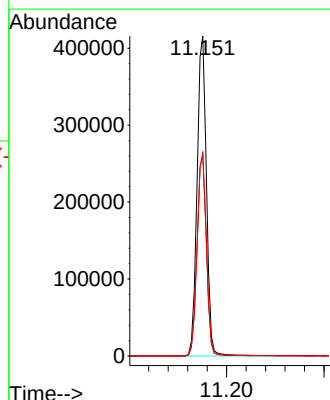
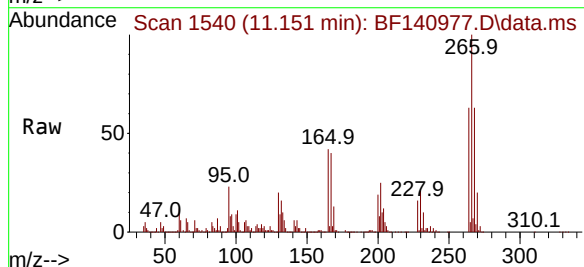
Manual Integrations
APPROVED

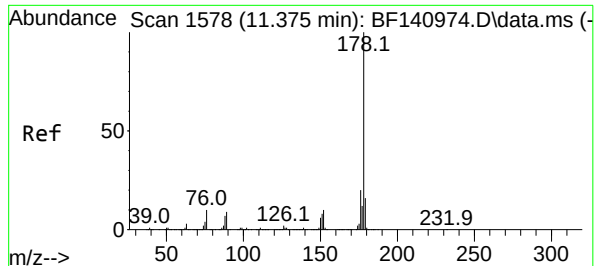
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#70
Pentachlorophenol
Concen: 83.248 ng
RT: 11.151 min Scan# 1540
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Tgt Ion:266 Resp: 559728
Ion Ratio Lower Upper
266 100
268 63.3 50.5 75.7
264 62.9 50.2 75.4





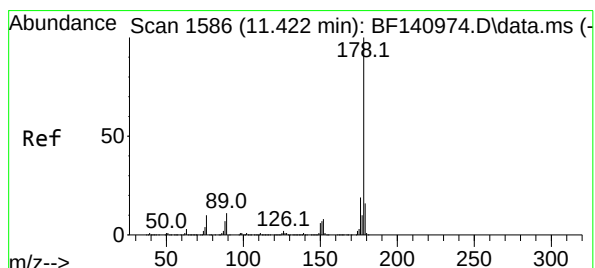
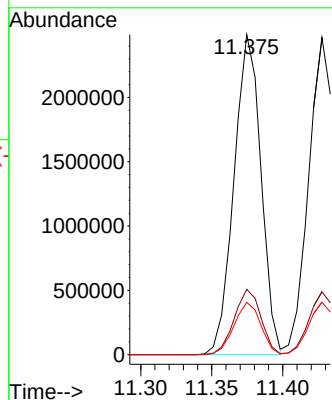
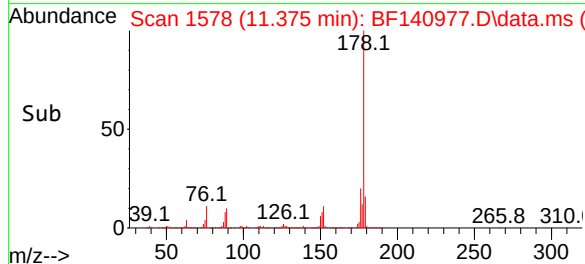
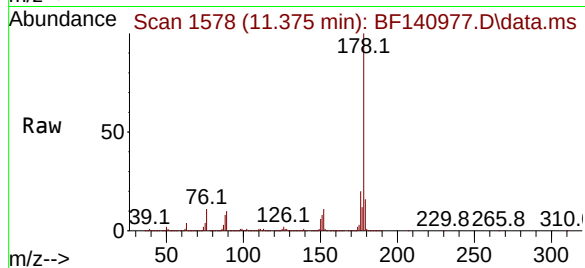
#71
Phenanthrene
Concen: 68.921 ng
RT: 11.375 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:178 Resp: 328628
Ion Ratio Lower Upper
178 100
176 20.4 15.8 23.6
179 16.4 12.6 19.0

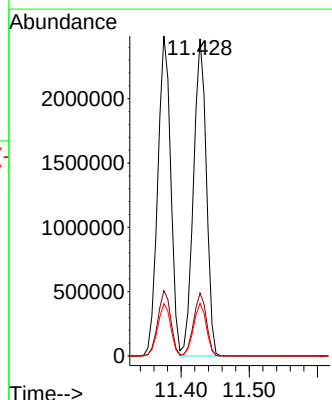
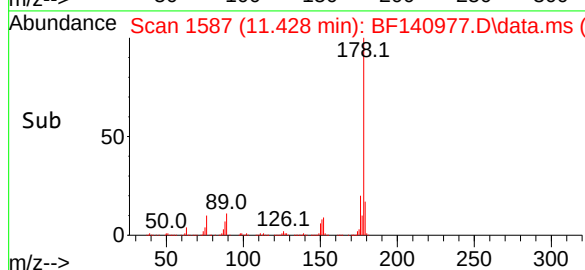
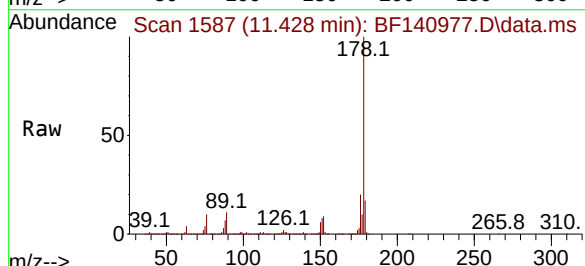
Manual Integrations
APPROVED

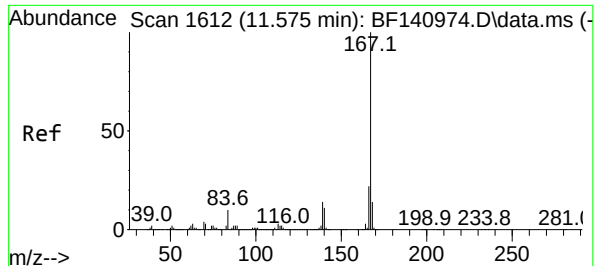
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#72
Anthracene
Concen: 68.578 ng
RT: 11.428 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

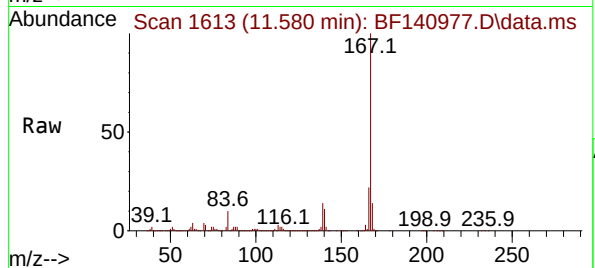
Tgt Ion:178 Resp: 3204142
Ion Ratio Lower Upper
178 100
176 19.9 15.3 22.9
179 16.6 12.9 19.3





#73
Carbazole
Concen: 69.118 ng
RT: 11.580 min Scan# 1612
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

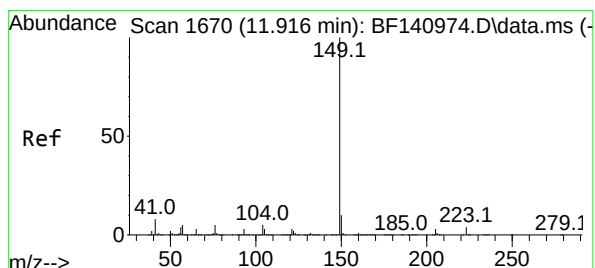
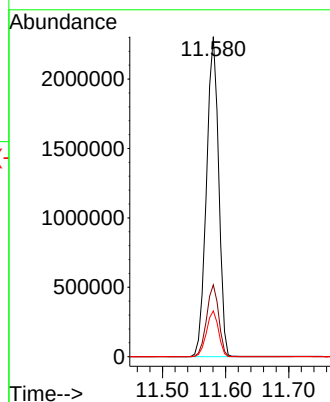
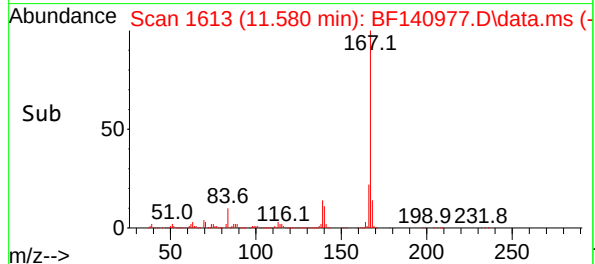
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:167 Resp: 3104460
Ion Ratio Lower Upper
167 100
166 22.5 17.5 26.3
139 14.3 11.0 16.4

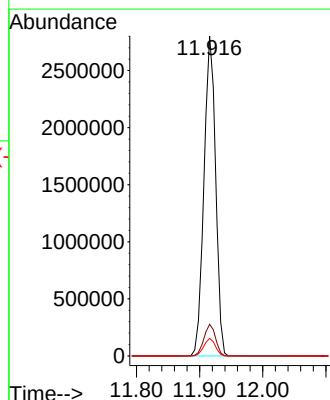
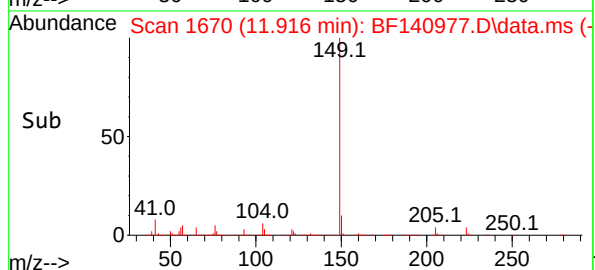
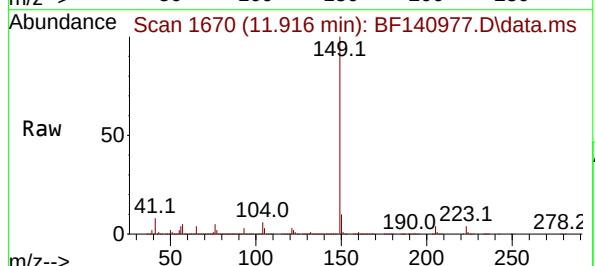
Manual Integrations
APPROVED

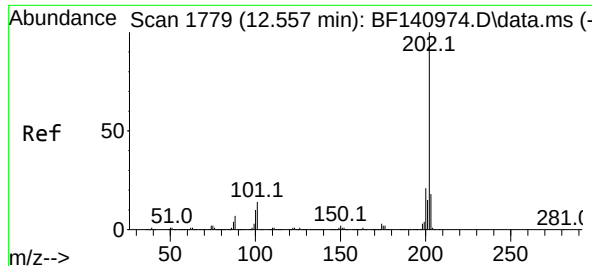
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#74
Di-n-butylphthalate
Concen: 70.229 ng
RT: 11.916 min Scan# 1670
Delta R.T. 0.000 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

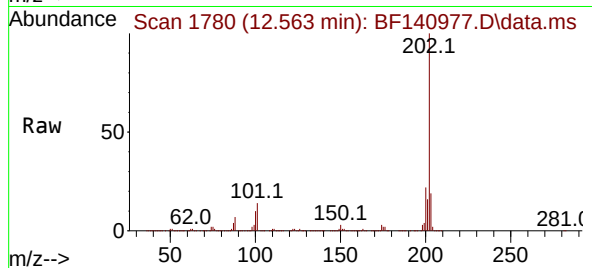
Tgt Ion:149 Resp: 3587776
Ion Ratio Lower Upper
149 100
150 9.9 7.7 11.5
104 5.5 4.1 6.1





#75
Fluoranthene
Concen: 67.687 ng
RT: 12.563 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

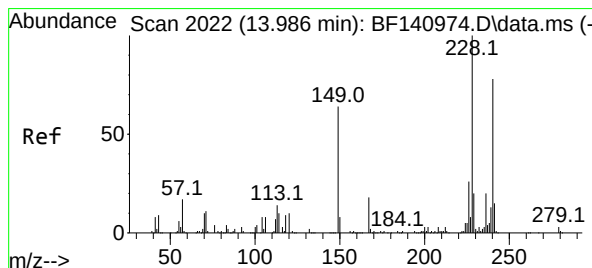
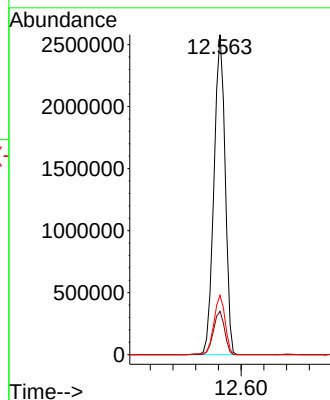
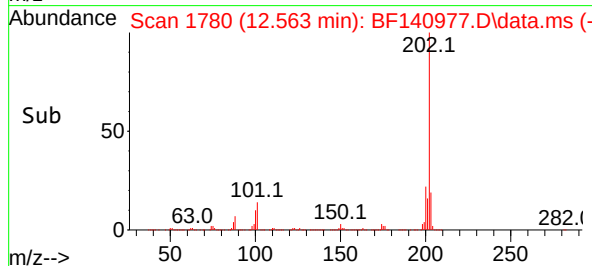
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:202 Resp: 3500378
Ion Ratio Lower Upper
202 100
101 13.5 0.0 33.7
203 18.6 0.0 38.1

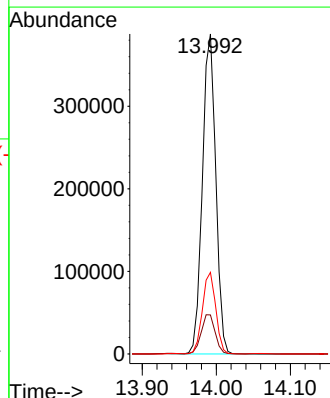
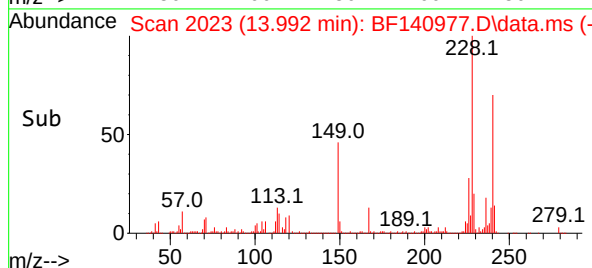
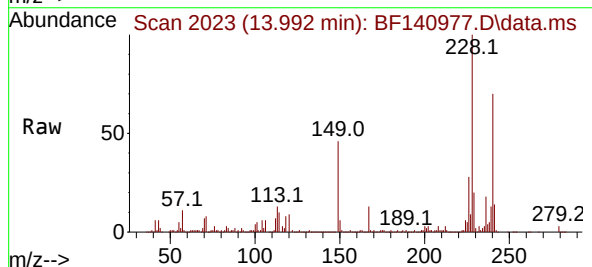
Manual Integrations
APPROVED

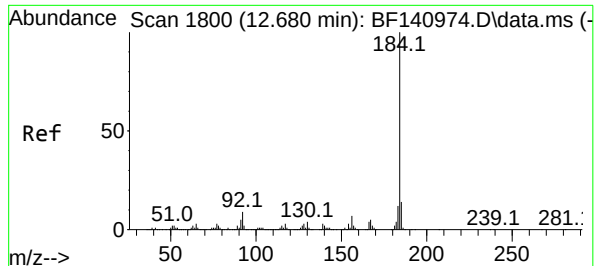
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

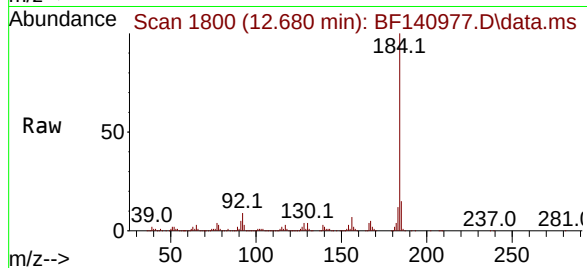
Tgt Ion:240 Resp: 487461
Ion Ratio Lower Upper
240 100
120 12.2 10.7 16.1
236 25.5 20.6 31.0





#77
Benzidine
Concen: 76.072 ng
RT: 12.680 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

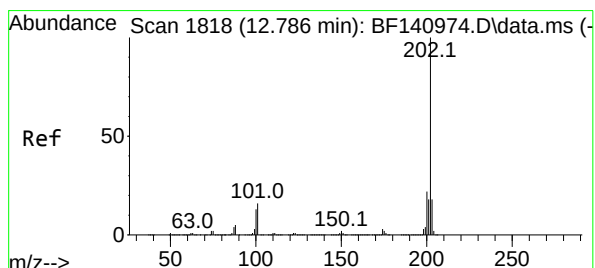
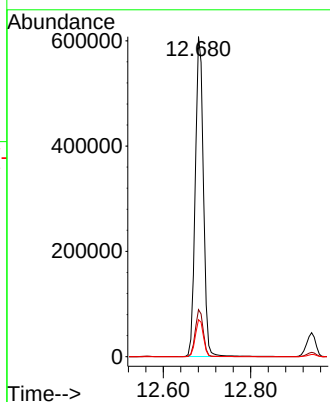
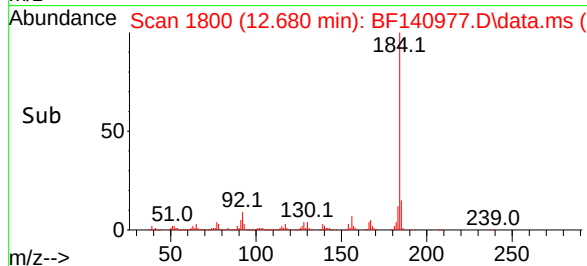
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:184 Resp: 78369
Ion Ratio Lower Upper
184 100
185 14.7 11.4 17.2
183 11.6 9.4 14.0

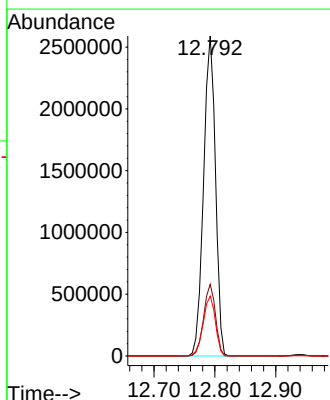
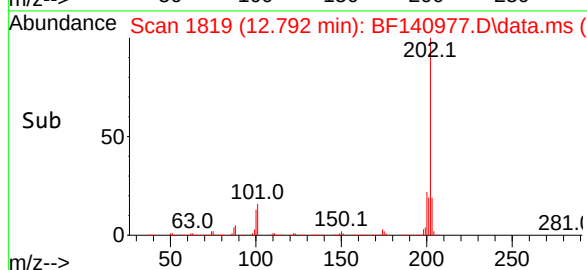
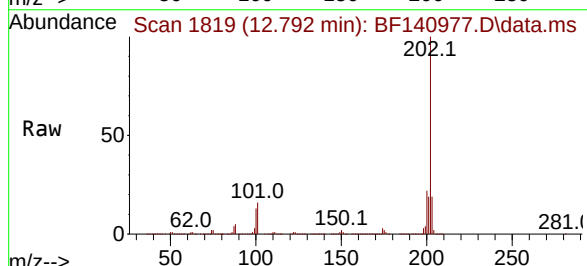
Manual Integrations
APPROVED

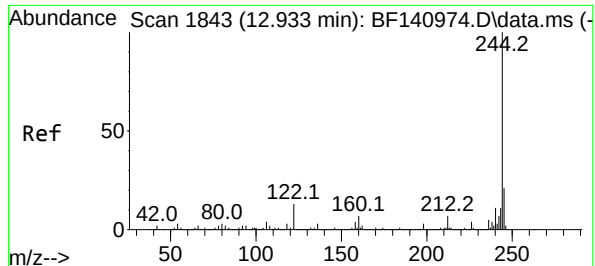
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#78
Pyrene
Concen: 82.441 ng
RT: 12.792 min Scan# 1819
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Tgt Ion:202 Resp: 3514654
Ion Ratio Lower Upper
202 100
200 22.4 17.3 25.9
203 18.8 14.6 21.8





#79

Terphenyl-d14

Concen: 160.683 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.006 min

Lab File: BF140977.D

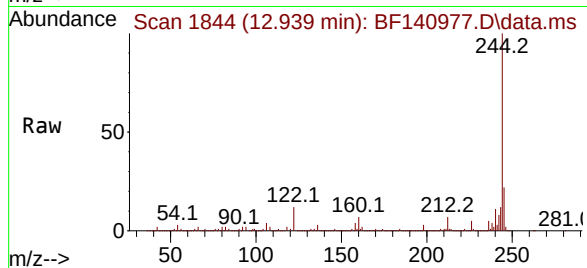
Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:244 Resp: 4715640

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

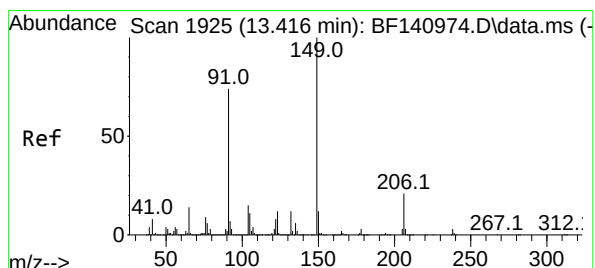
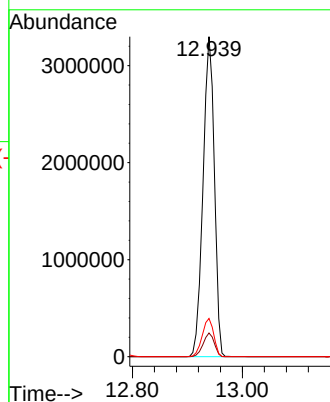
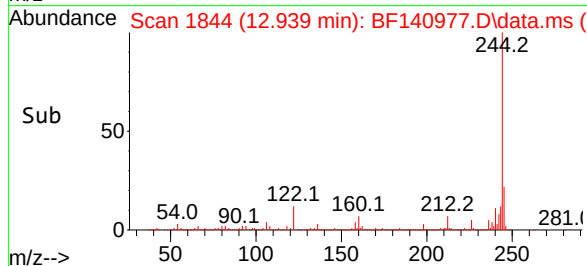
122 12.0 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#80

Butylbenzylphthalate

Concen: 85.018 ng

RT: 13.416 min Scan# 1925

Delta R.T. 0.000 min

Lab File: BF140977.D

Acq: 26 Dec 2024 19:25

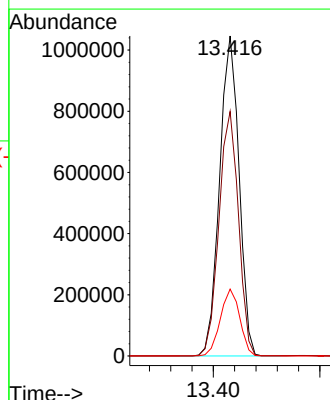
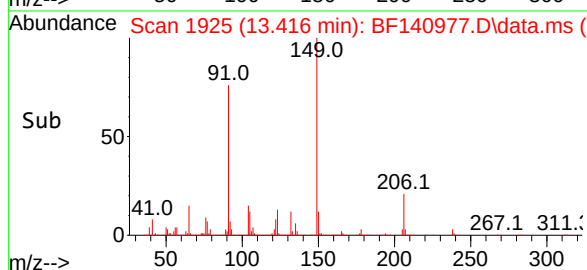
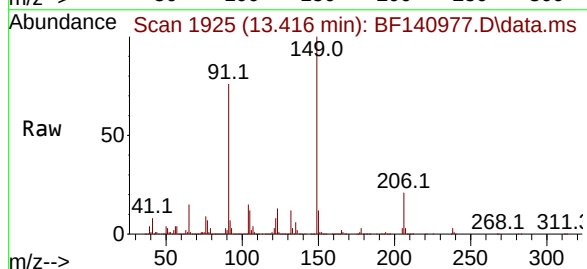
Tgt Ion:149 Resp: 1323506

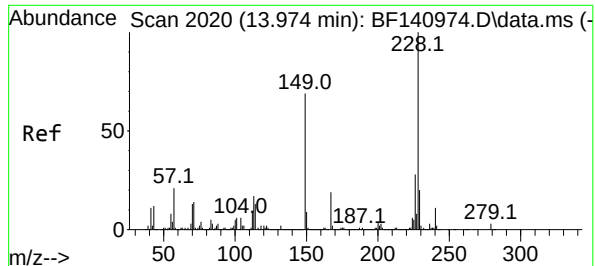
Ion Ratio Lower Upper

149 100

91 76.4 59.5 89.3

206 20.9 17.1 25.7





#81

Benzo(a)anthracene

Concen: 71.825 ng

RT: 13.980 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF140977.D

Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:228 Resp: 2440118

Ion Ratio Lower Upper

228 100

226 27.9 22.1 33.1

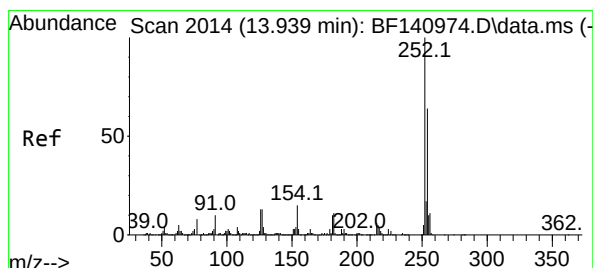
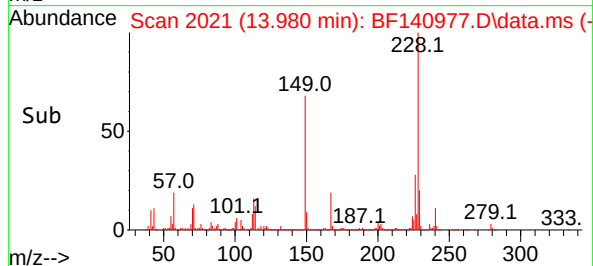
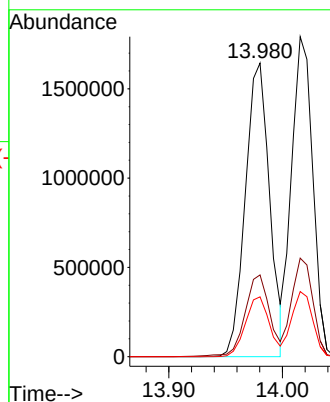
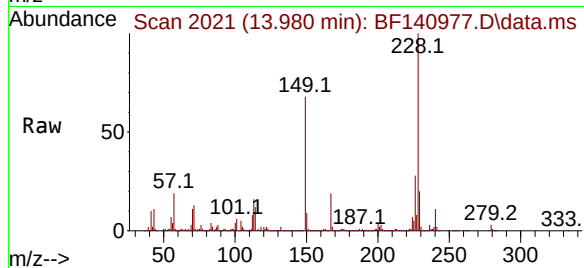
229 20.4 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#82

3,3'-Dichlorobenzidine

Concen: 72.073 ng

RT: 13.945 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF140977.D

Acq: 26 Dec 2024 19:25

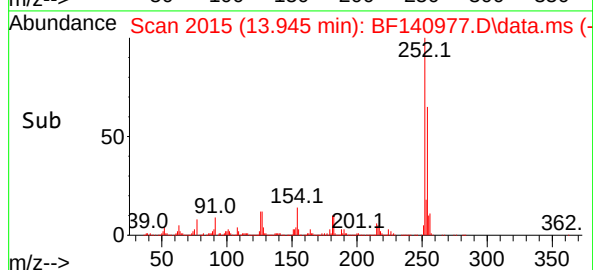
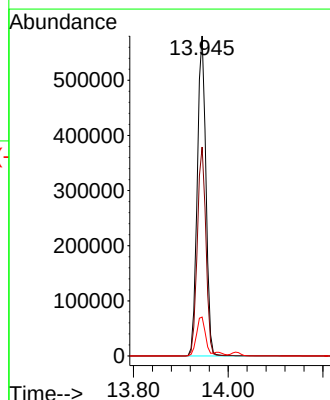
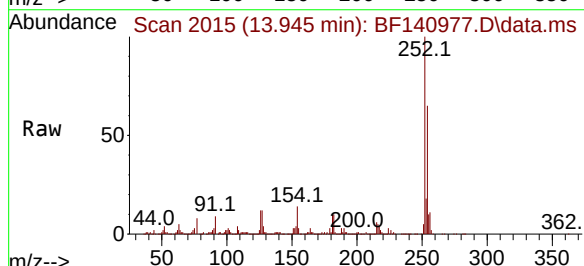
Tgt Ion:252 Resp: 735658

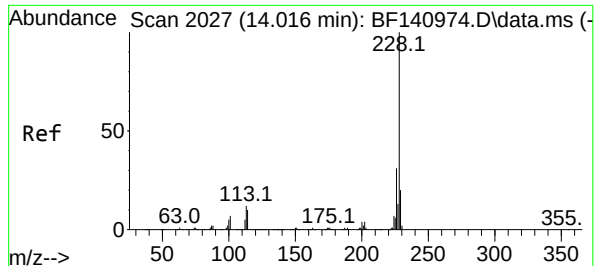
Ion Ratio Lower Upper

252 100

254 65.3 51.5 77.3

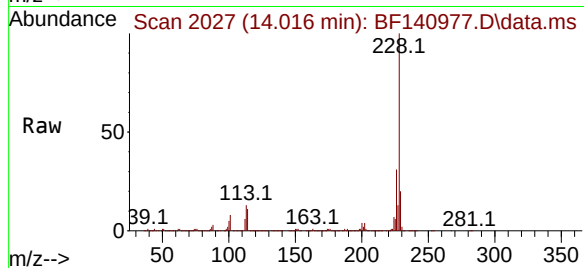
126 12.2 10.3 15.5





#83
Chrysene
Concen: 75.793 ng
RT: 14.016 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

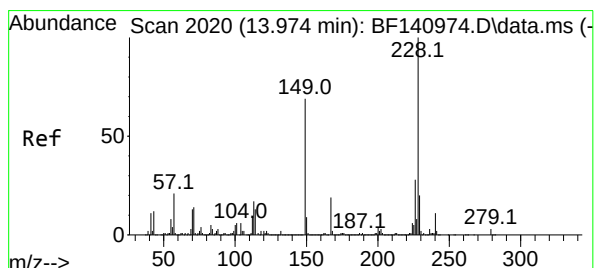
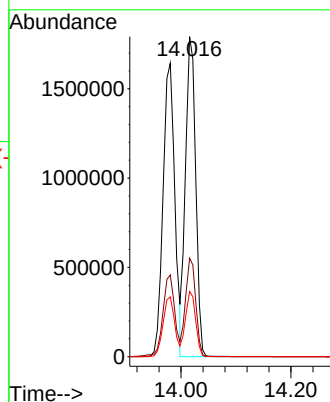
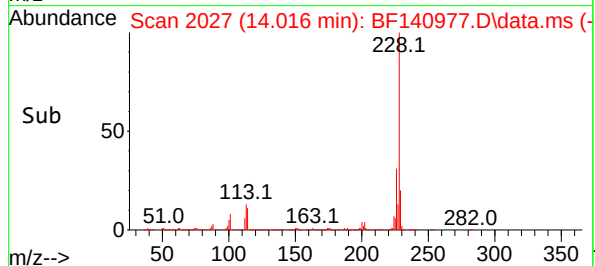
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:228 Resp: 2321200
Ion Ratio Lower Upper
228 100
226 30.8 24.5 36.7
229 20.4 16.2 24.4

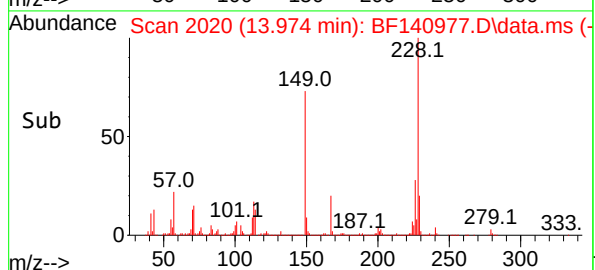
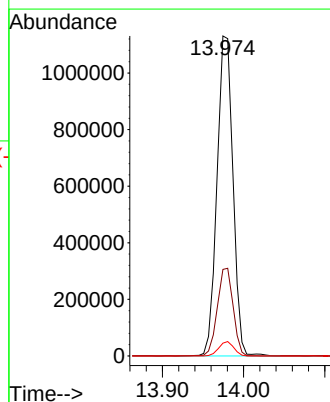
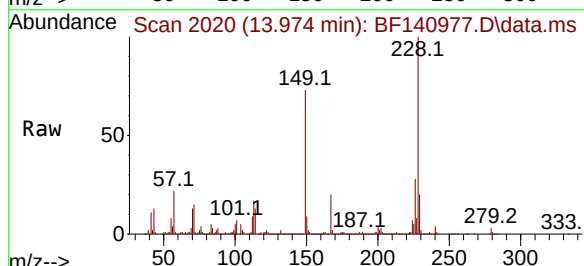
Manual Integrations
APPROVED

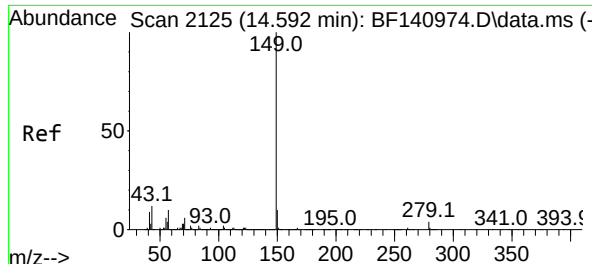
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 76.541 ng
RT: 13.974 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

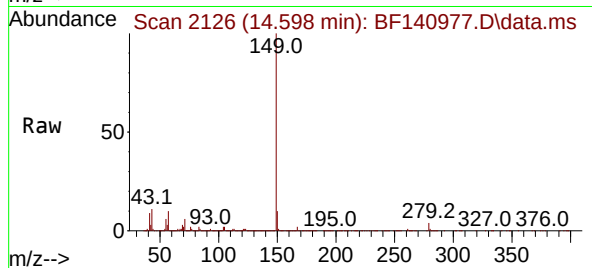
Tgt Ion:149 Resp: 1545595
Ion Ratio Lower Upper
149 100
167 27.1 21.6 32.4
279 4.0 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 79.458 ng
RT: 14.598 min Scan# 2126
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

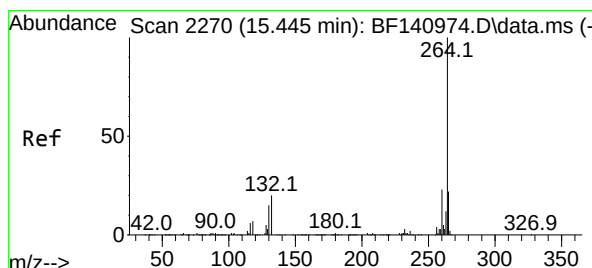
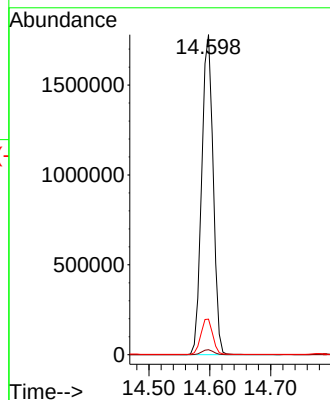
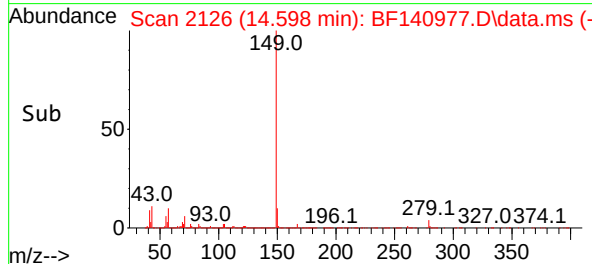
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 232226
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.5 9.3 13.9

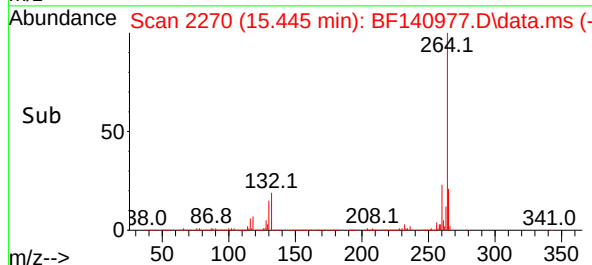
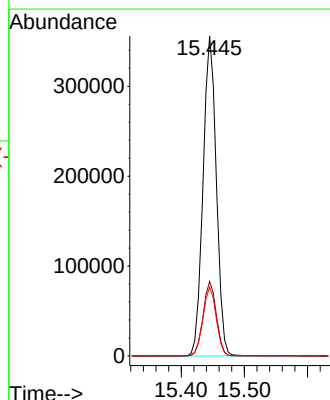
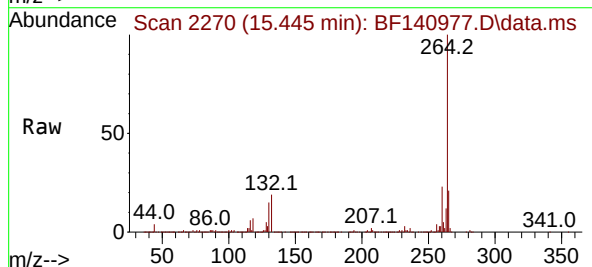
Manual Integrations
APPROVED

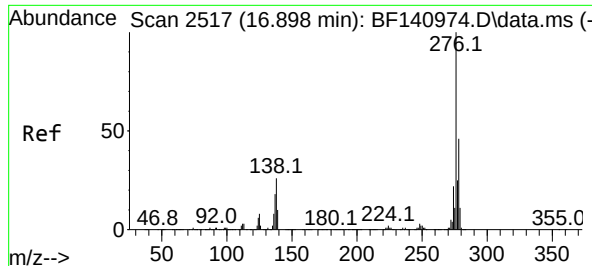
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

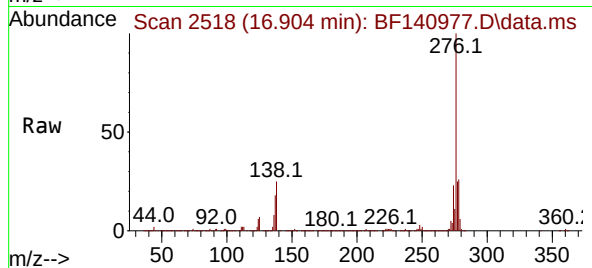
Tgt Ion:264 Resp: 520884
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 21.5 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 88.322 ng
RT: 16.904 min Scan# 2118
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

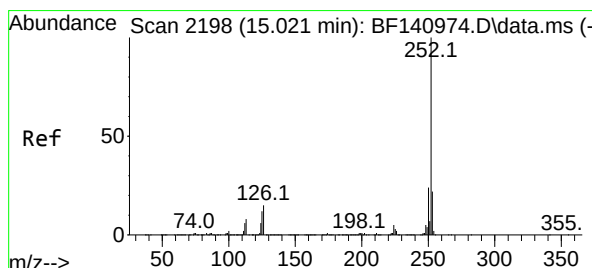
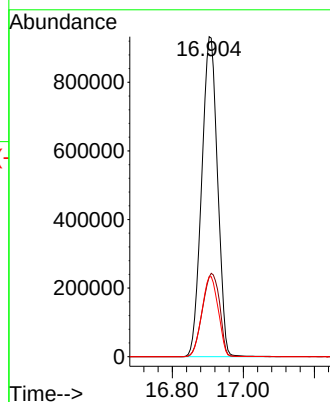
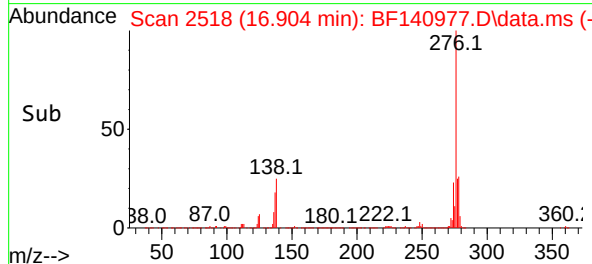
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:276 Resp: 2898440
Ion Ratio Lower Upper
276 100
138 28.3 23.1 34.7
277 25.8 20.4 30.6

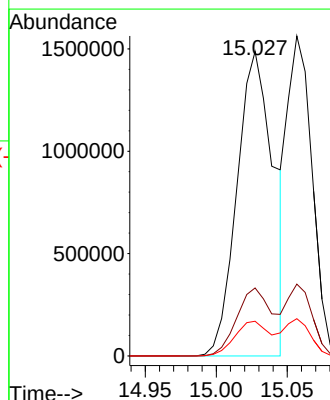
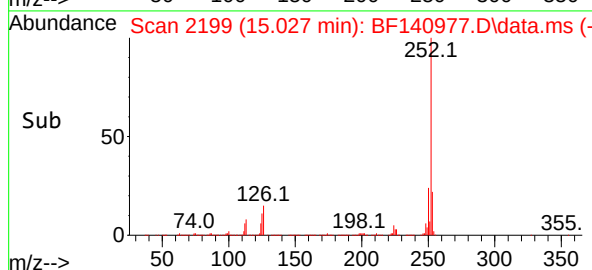
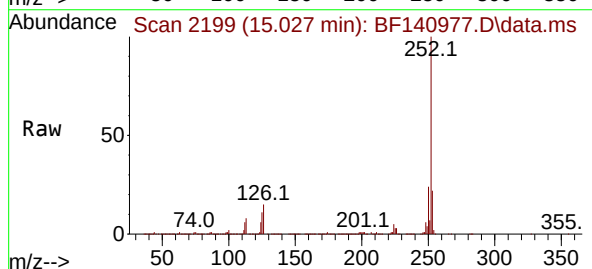
Manual Integrations
APPROVED

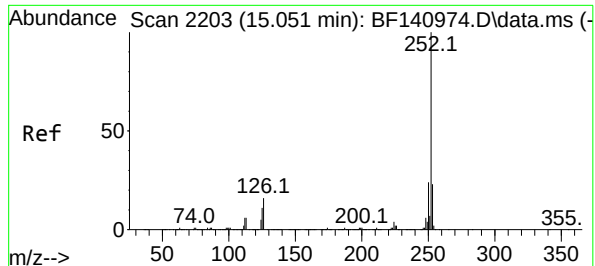
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#88
Benzo(b)fluoranthene
Concen: 73.152 ng
RT: 15.027 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Tgt Ion:252 Resp: 2657521
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 11.4 9.3 13.9





#89

Benzo(k)fluoranthene

Concen: 66.649 ng

RT: 15.057 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140977.D

Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 189770

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

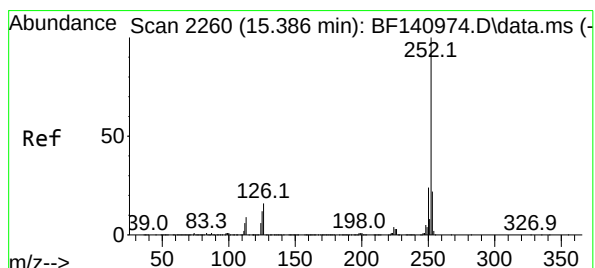
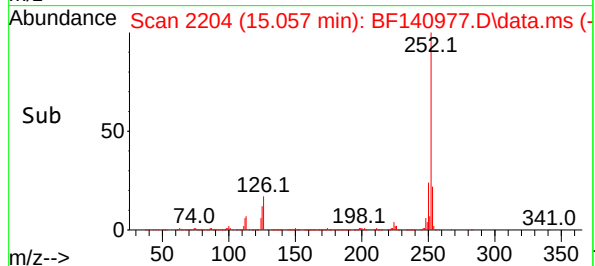
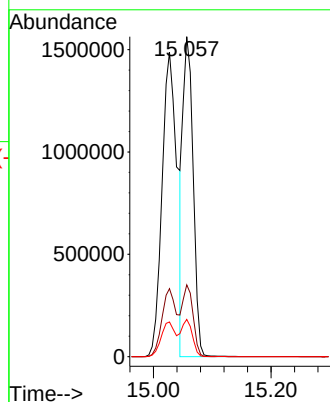
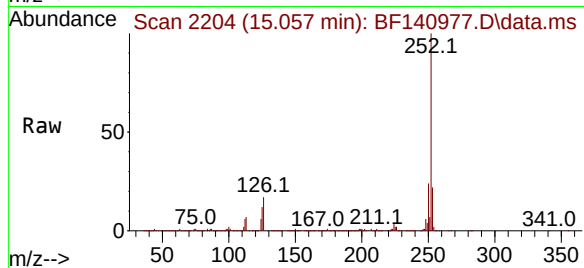
125 11.7 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#90

Benzo(a)pyrene

Concen: 74.410 ng

RT: 15.392 min Scan# 2261

Delta R.T. 0.006 min

Lab File: BF140977.D

Acq: 26 Dec 2024 19:25

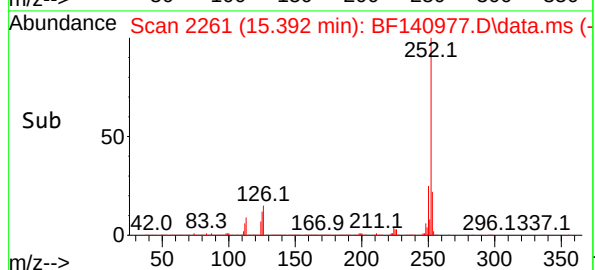
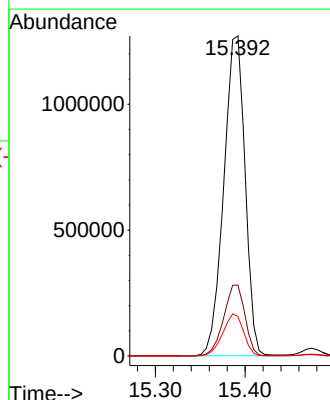
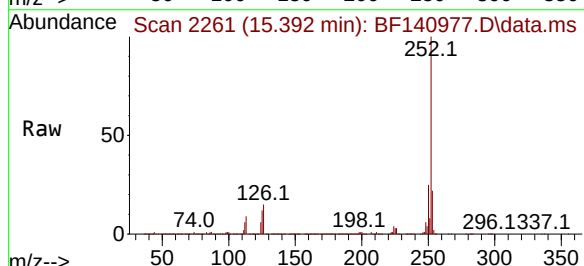
Tgt Ion:252 Resp: 2098162

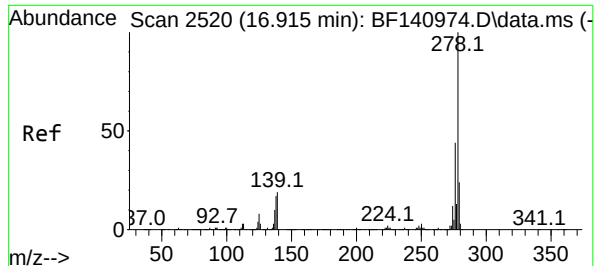
Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

125 12.3 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 87.749 ng

RT: 16.927 min Scan# 2522

Delta R.T. 0.012 min

Lab File: BF140977.D

Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:278 Resp: 233426

Ion Ratio Lower Upper

278 100

139 18.5 14.9 22.3

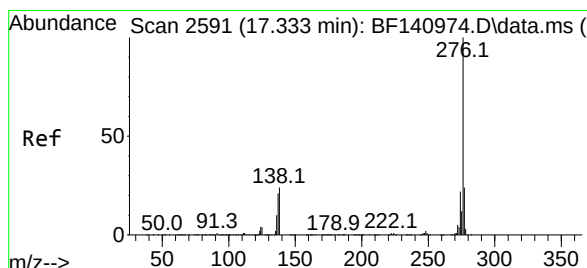
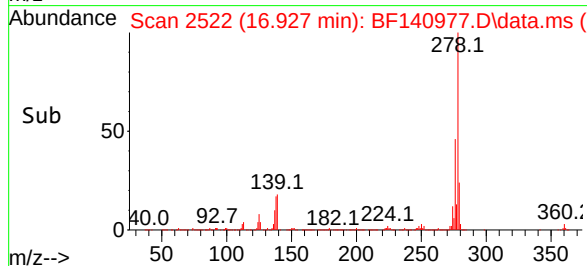
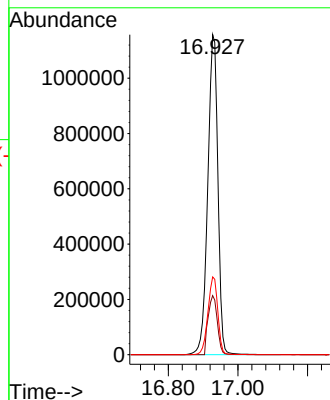
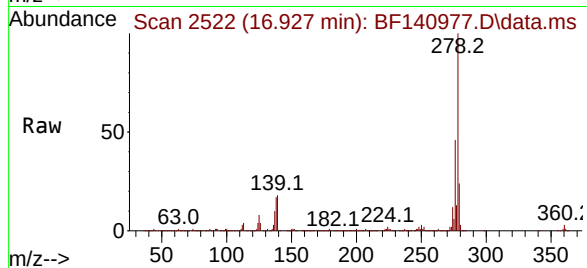
279 24.3 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#92

Benzo(g,h,i)perylene

Concen: 90.139 ng

RT: 17.351 min Scan# 2594

Delta R.T. 0.018 min

Lab File: BF140977.D

Acq: 26 Dec 2024 19:25

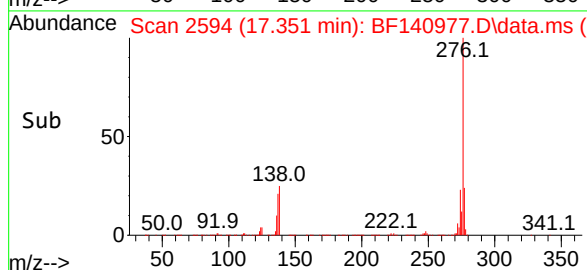
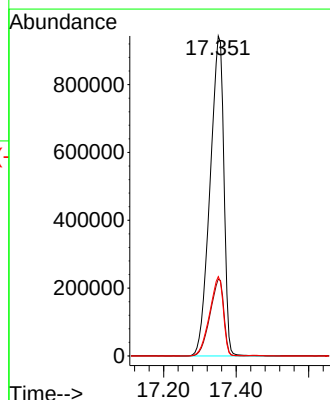
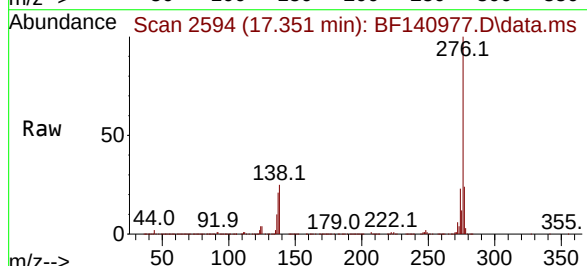
Tgt Ion:276 Resp: 2487019

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.4

138 24.8 19.4 29.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122624\
 Data File : BF140978.D
 Acq On : 26 Dec 2024 19:52
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

ICVBF122624

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024

Quant Time: Dec 27 00:40:05 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Dec 27 00:31:16 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	278910	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1096814	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	586665	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	1025959	20.000	ng	0.00
76) Chrysene-d12	13.986	240	614249	20.000	ng	0.00
86) Perylene-d12	15.439	264	543067	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1428981	77.230	ng	0.00
7) Phenol-d6	6.451	99	1850114	77.619	ng	0.00
23) Nitrobenzene-d5	7.392	82	1567133	91.412	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	471519	82.713	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	2755058	74.821	ng	0.00
79) Terphenyl-d14	12.933	244	3082241	83.347	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.557	88	327350	39.078	ng	99
3) Pyridine	3.299	79	802921	39.221	ng	99
4) n-Nitrosodimethylamine	3.252	42	405836	39.126	ng	100
6) Aniline	6.487	93	854884	40.214	ng	99
8) 2-Chlorophenol	6.610	128	885691	45.402	ng	98
9) Benzaldehyde	6.375	77	487130	42.275	ng	100
10) Phenol	6.463	94	1150959	46.698	ng	99
11) bis(2-Chloroethyl)ether	6.569	93	783408	39.366	ng	98
12) 1,3-Dichlorobenzene	6.769	146	836638	38.861	ng	99
13) 1,4-Dichlorobenzene	6.845	146	881416	40.612	ng	100
14) 1,2-Dichlorobenzene	6.998	146	784556	38.772	ng	100
15) Benzyl Alcohol	6.969	79	680874	39.751	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.110	45	1153471	38.326	ng	99
17) 2-Methylphenol	7.075	107	642058	39.617	ng	100
18) Hexachloroethane	7.345	117	308596	40.027	ng	99
19) n-Nitroso-di-n-propyla...	7.245	70	596199	40.828	ng	100
20) 3+4-Methylphenols	7.228	107	806484	39.323	ng	99
22) Acetophenone	7.240	105	1020280	37.920	ng	99
24) Nitrobenzene	7.410	77	844017	44.060	ng	99
25) Isophorone	7.651	82	1437535	38.534	ng	99
26) 2-Nitrophenol	7.728	139	334326	43.185	ng	99
27) 2,4-Dimethylphenol	7.757	122	544355	39.926	ng	100
28) bis(2-Chloroethoxy)met...	7.863	93	905816	38.323	ng	100
29) 2,4-Dichlorophenol	7.963	162	622844	40.280	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	721146	41.204	ng	100
31) Naphthalene	8.134	128	2224743	38.493	ng	100
32) Benzoic acid	7.863	122	473862	43.158	ng	97
33) 4-Chloroaniline	8.181	127	819674	39.203	ng	99
34) Hexachlorobutadiene	8.251	225	403377	39.095	ng	100
35) Caprolactam	8.545	113	211002m	40.139	ng	
36) 4-Chloro-3-methylphenol	8.651	107	733502	42.714	ng	99
37) 2-Methylnaphthalene	8.822	142	1417576	38.340	ng	100
38) 1-Methylnaphthalene	8.922	142	1379859	37.974	ng	98
40) 1,2,4,5-Tetrachloroben...	8.986	216	621819	38.527	ng	100
41) Hexachlorocyclopentadiene	8.975	237	216938	40.560	ng	100
43) 2,4,6-Trichlorophenol	9.092	196	431607	40.180	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122624\
 Data File : BF140978.D
 Acq On : 26 Dec 2024 19:52
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122624

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/27/2024
 Supervised By :mohammad ahmed 12/27/2024

Quant Time: Dec 27 00:40:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	446928	40.663	ng	100
46) 1,1'-Biphenyl	9.286	154	1703208	37.916	ng	100
47) 2-Chloronaphthalene	9.310	162	1339282	38.442	ng	100
48) 2-Nitroaniline	9.398	65	389029	43.198	ng	99
49) Acenaphthylene	9.722	152	1919436	38.272	ng	100
50) Dimethylphthalate	9.586	163	1482676	38.422	ng	100
51) 2,6-Dinitrotoluene	9.645	165	329921	42.386	ng	99
52) Acenaphthene	9.898	154	1361911	40.168	ng	100
53) 3-Nitroaniline	9.810	138	360491	42.522	ng #	98
54) 2,4-Dinitrophenol	9.910	184	110045	45.538	ng	86
55) Dibenzofuran	10.069	168	1825813	38.318	ng	100
56) 4-Nitrophenol	9.957	139	320756	48.593	ng	99
57) 2,4-Dinitrotoluene	10.045	165	425111	44.506	ng	99
58) Fluorene	10.410	166	1391829	37.668	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.181	232	379409	41.681	ng	99
60) Diethylphthalate	10.286	149	1471636	38.629	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	674323	37.928	ng	99
62) 4-Nitroaniline	10.422	138	351313	41.571	ng	98
63) Azobenzene	10.563	77	1538321	38.471	ng	100
65) 4,6-Dinitro-2-methylph...	10.451	198	172455	43.296	ng	100
66) n-Nitrosodiphenylamine	10.522	169	1252782	38.777	ng	100
67) 4-Bromophenyl-phenylether	10.892	248	435284	39.247	ng	100
68) Hexachlorobenzene	10.957	284	475602	38.890	ng	99
69) Atrazine	11.045	200	323638	35.858	ng	98
70) Pentachlorophenol	11.145	266	349248	45.869	ng	99
71) Phenanthrene	11.375	178	2072012	38.373	ng	100
72) Anthracene	11.422	178	2027823	38.325	ng	100
73) Carbazole	11.575	167	1937732	38.096	ng	100
74) Di-n-butylphthalate	11.916	149	2237362	38.673	ng	100
75) Fluoranthene	12.557	202	2209244	37.724	ng	100
77) Benzidine	12.680	184	520577	40.101	ng	100
78) Pyrene	12.786	202	2340872	43.575	ng	100
80) Butylbenzylphthalate	13.410	149	857532	43.715	ng	96
81) Benzo(a)anthracene	13.974	228	1624247	37.941	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	460524	35.805	ng	99
83) Chrysene	14.010	228	1531898	39.695	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	1035953	40.713	ng	100
85) Di-n-octyl phthalate	14.592	149	1446783	39.285	ng	100
87) Indeno(1,2,3-cd)pyrene	16.892	276	1514165	44.255	ng	100
88) Benzo(b)fluoranthene	15.021	252	1367890	36.115	ng	100
89) Benzo(k)fluoranthene	15.051	252	1203912	40.555	ng	100
90) Benzo(a)pyrene	15.380	252	1132116	38.510	ng	99
91) Dibenzo(a,h)anthracene	16.915	278	1241284	44.756	ng	99
92) Benzo(g,h,i)perylene	17.333	276	1297980	45.122	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122624\
 Data File : BF140978.D
 Acq On : 26 Dec 2024 19:52
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

ICVBF122624

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024

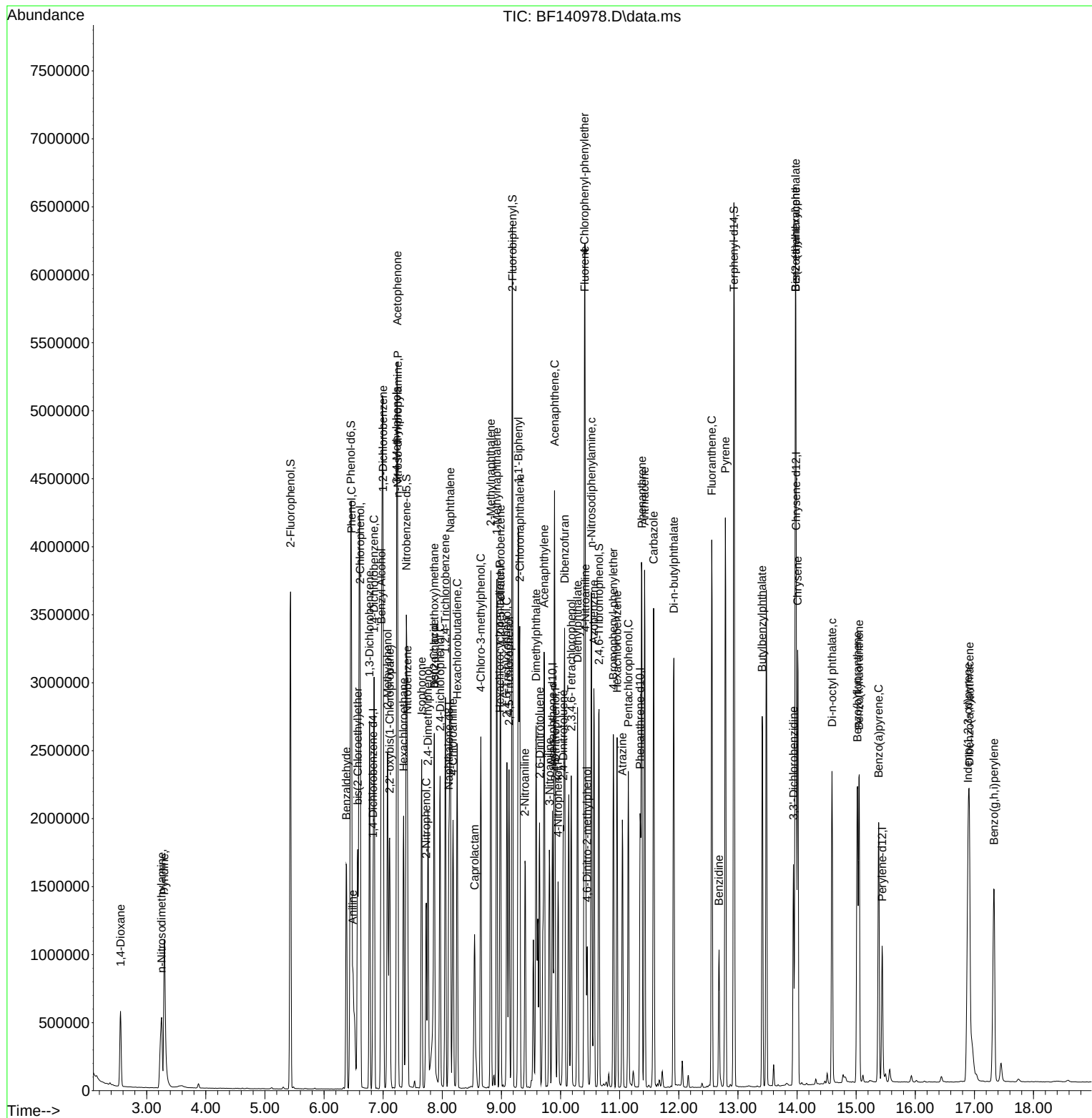
Quant Time: Dec 27 00:40:05 2024

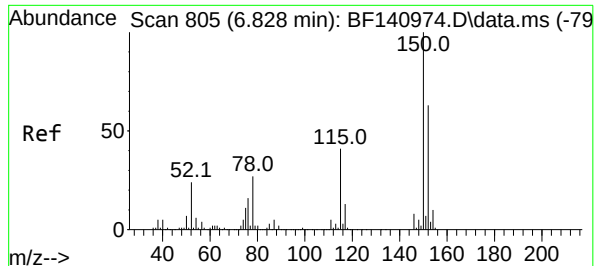
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Dec 27 00:31:16 2024

Response via : Initial Calibration





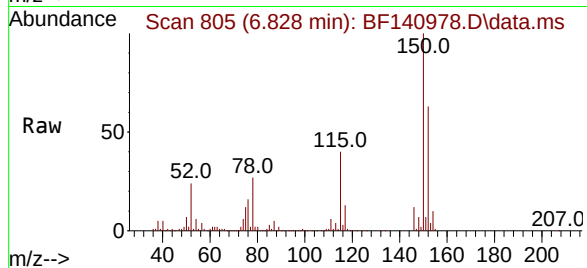
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624

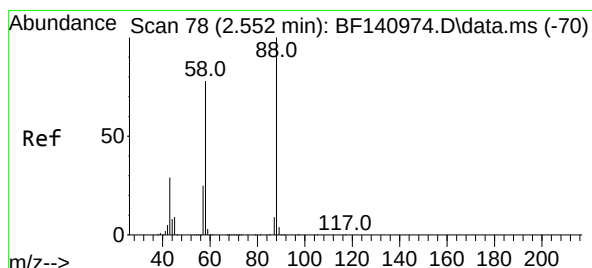
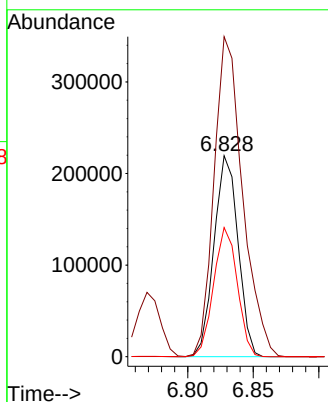
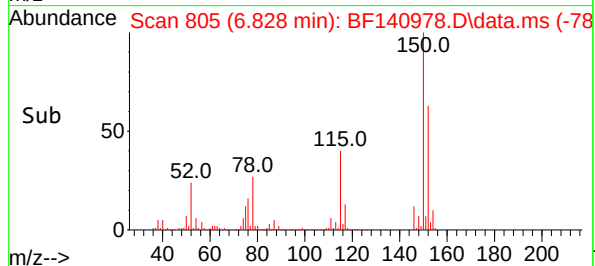


Tgt Ion:152 Resp: 278910
Ion Ratio Lower Upper
152 100
150 159.2 127.0 190.6
115 64.3 51.7 77.5

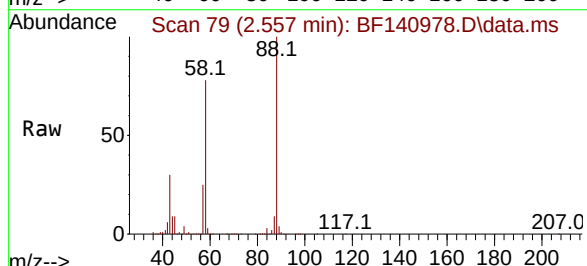
Manual Integrations

APPROVED

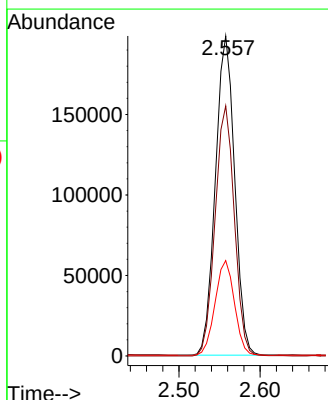
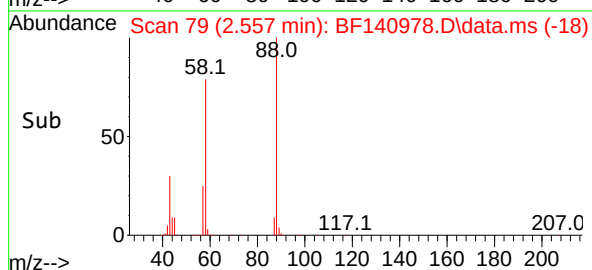
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

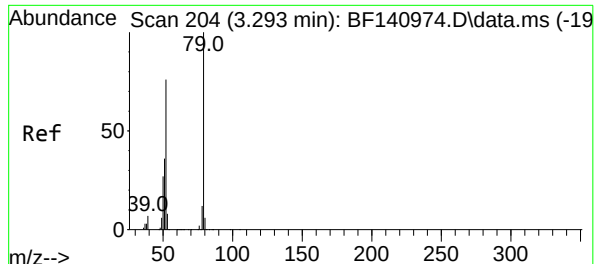


#2
1,4-Dioxane
Concen: 39.078 ng
RT: 2.557 min Scan# 79
Delta R.T. 0.006 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52



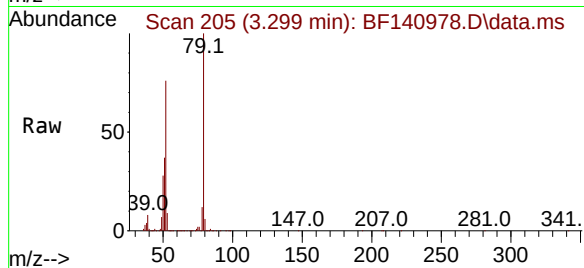
Tgt Ion: 88 Resp: 327350
Ion Ratio Lower Upper
88 100
58 78.3 63.0 94.4
43 29.7 23.4 35.2





#3
Pyridine
Concen: 39.221 ng
RT: 3.299 min Scan# 204
Delta R.T. 0.006 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

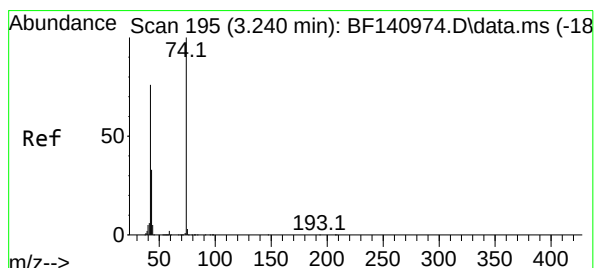
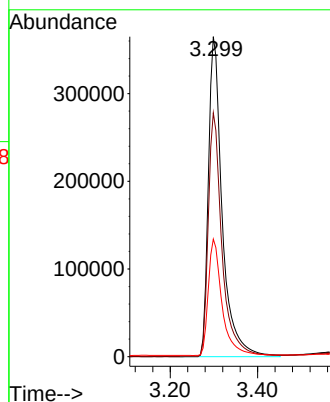
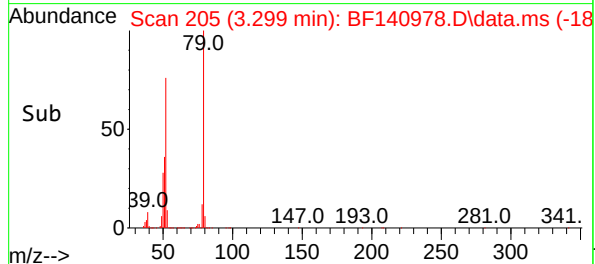
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



Tgt Ion: 79 Resp: 80292
Ion Ratio Lower Upper
79 100
52 76.2 60.4 90.6
51 36.8 28.8 43.2

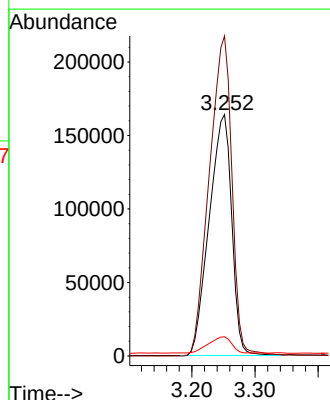
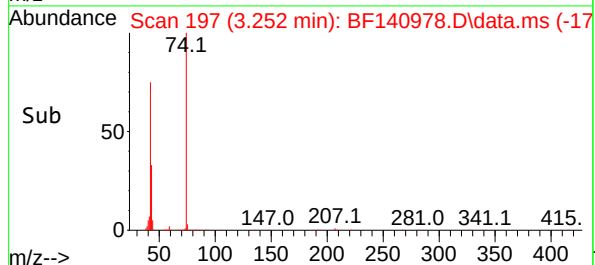
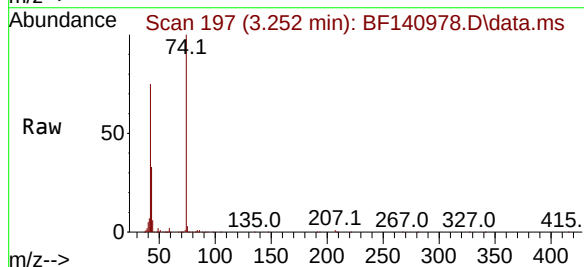
Manual Integrations
APPROVED

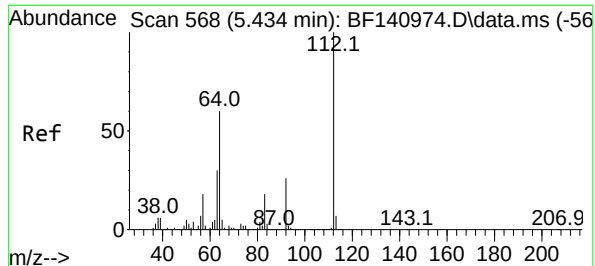
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#4
n-Nitrosodimethylamine
Concen: 39.126 ng
RT: 3.252 min Scan# 197
Delta R.T. 0.012 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

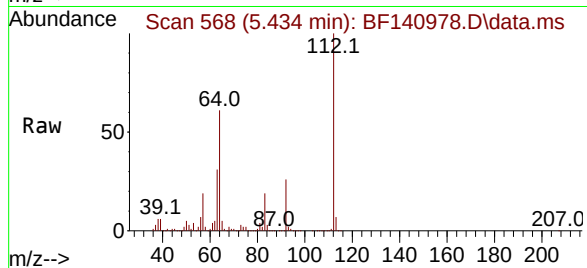
Tgt Ion: 42 Resp: 405836
Ion Ratio Lower Upper
42 100
74 132.5 105.8 158.6
44 7.9 6.6 10.0





#5
2-Fluorophenol
Concen: 77.230 ng
RT: 5.434 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

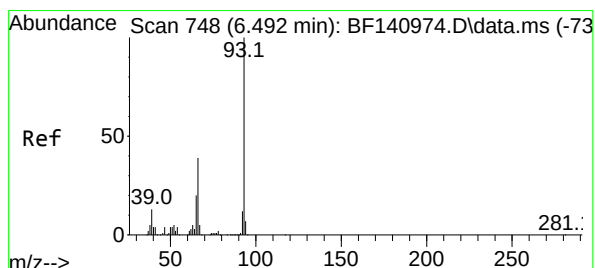
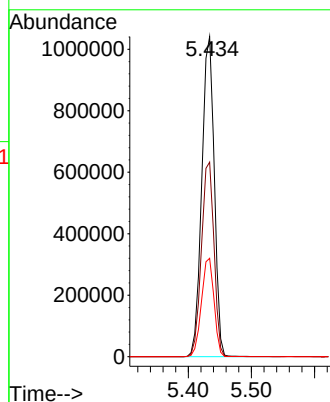
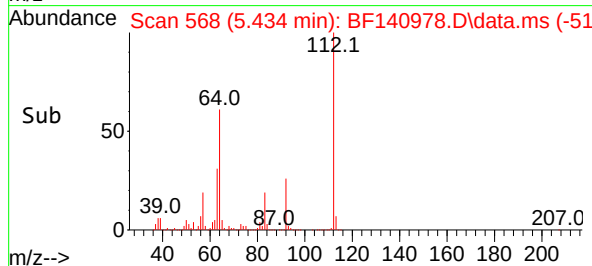
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



Tgt Ion: 112 Resp: 142898
Ion Ratio Lower Upper
112 100
64 60.8 47.7 71.5
63 30.7 24.2 36.2

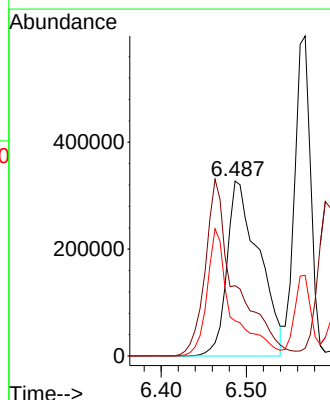
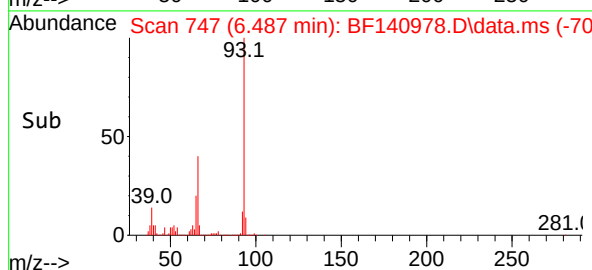
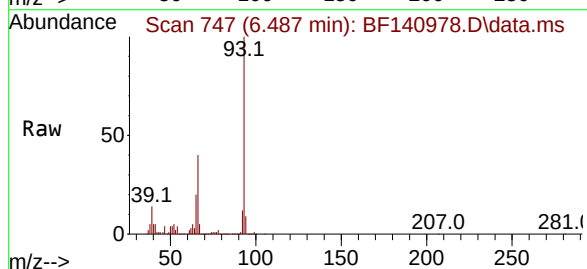
Manual Integrations
APPROVED

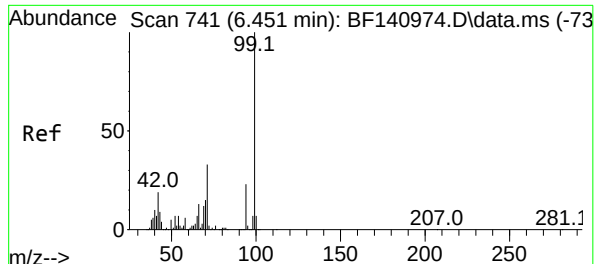
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#6
Aniline
Concen: 40.214 ng
RT: 6.487 min Scan# 747
Delta R.T. -0.024 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Tgt Ion: 93 Resp: 854884
Ion Ratio Lower Upper
93 100
66 40.1 31.8 47.8
65 20.1 15.4 23.0





#7

Phenol-d6

Concen: 77.619 ng

RT: 6.451 min Scan# 741

Delta R.T. 0.000 min

Lab File: BF140978.D

Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624

Tgt Ion: 99 Resp: 1850114

Ion Ratio Lower Upper

99 100

42 19.0 15.0 22.4

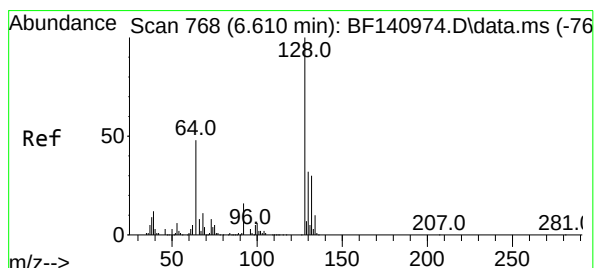
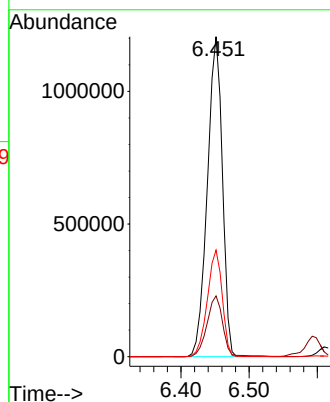
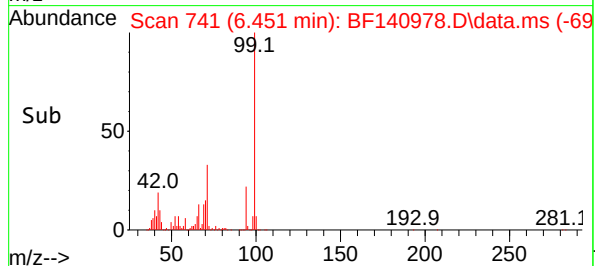
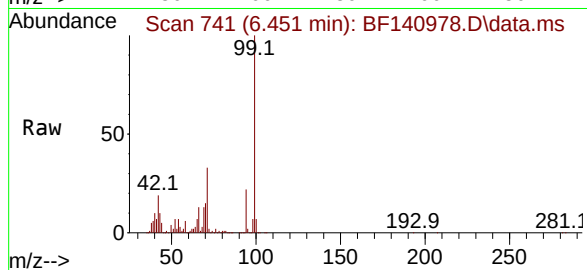
71 33.3 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#8

2-Chlorophenol

Concen: 45.402 ng

RT: 6.610 min Scan# 768

Delta R.T. 0.000 min

Lab File: BF140978.D

Acq: 26 Dec 2024 19:52

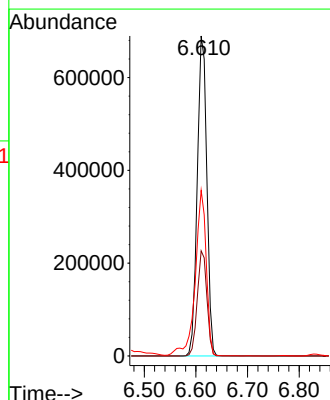
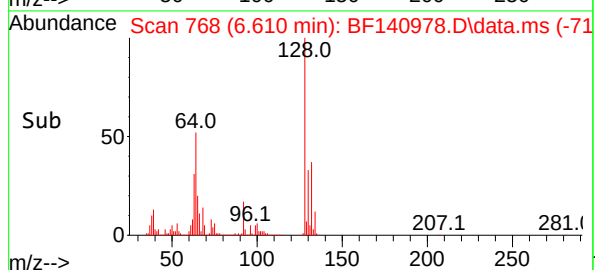
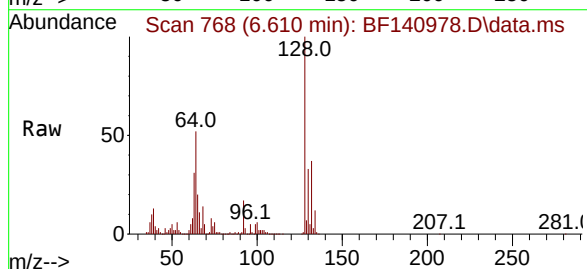
Tgt Ion:128 Resp: 885691

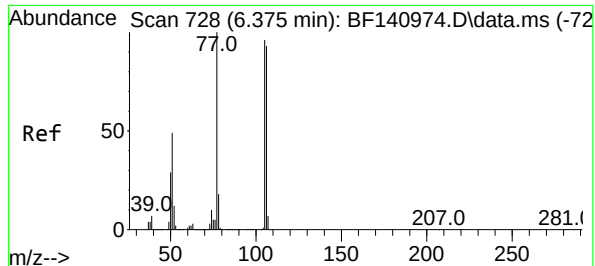
Ion Ratio Lower Upper

128 100

130 32.9 12.2 52.2

64 51.7 30.3 70.3





#9

Benzaldehyde

Concen: 42.275 ng

RT: 6.375 min Scan# 728

Delta R.T. -0.000 min

Lab File: BF140978.D

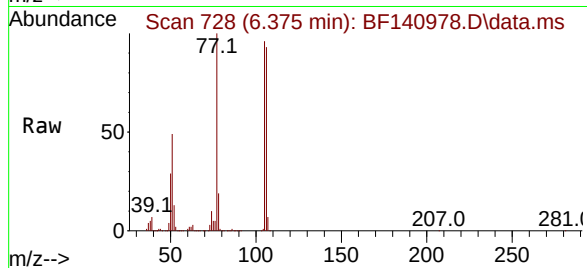
Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624



Tgt Ion: 77 Resp: 487130

Ion Ratio Lower Upper

77 100

105 95.9 76.2 116.2

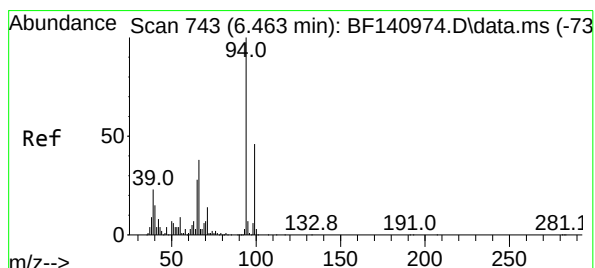
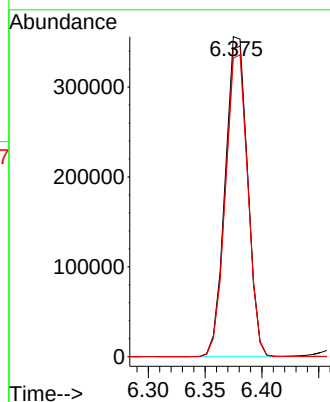
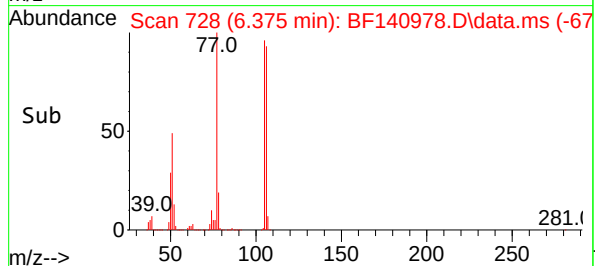
106 93.2 73.4 113.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#10

Phenol

Concen: 46.698 ng

RT: 6.463 min Scan# 743

Delta R.T. 0.000 min

Lab File: BF140978.D

Acq: 26 Dec 2024 19:52

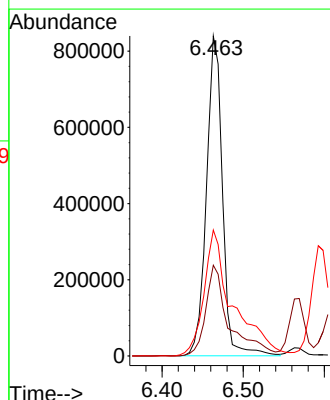
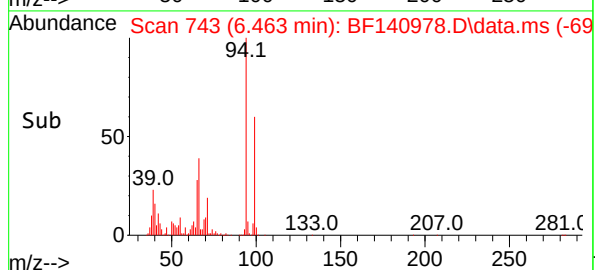
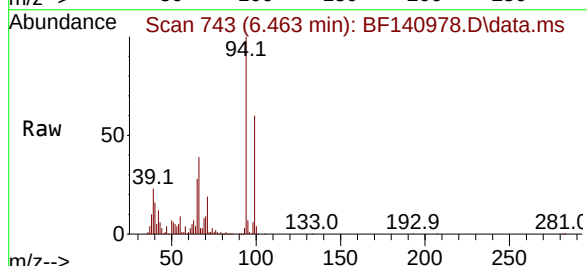
Tgt Ion: 94 Resp: 1150959

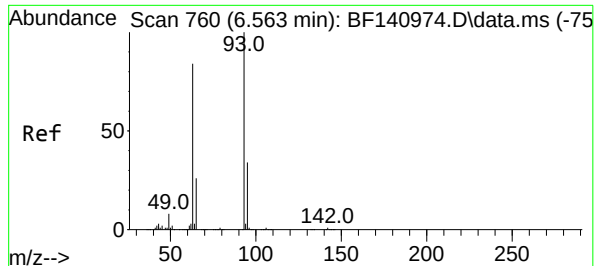
Ion Ratio Lower Upper

94 100

65 28.3 8.1 48.1

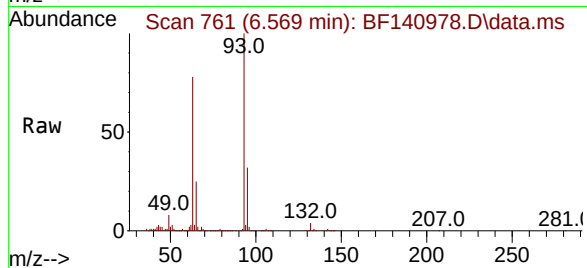
66 39.4 18.7 58.7





#11
bis(2-Chloroethyl)ether
Concen: 39.366 ng
RT: 6.569 min Scan# 760
Delta R.T. 0.006 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

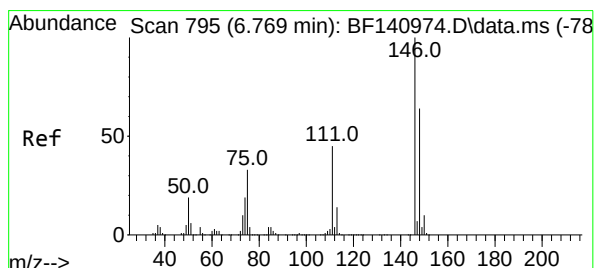
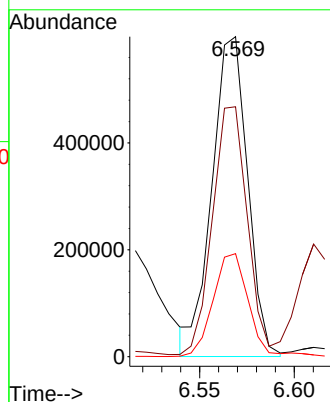
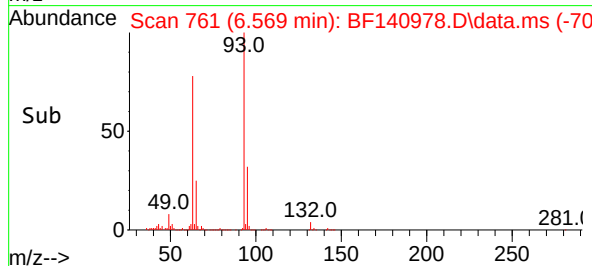
Instrument :
BNA_F
Client Sample Id :
ICVBF122624



Tgt Ion: 93 Resp: 783408
Ion Ratio Lower Upper
93 100
63 78.1 60.3 100.3
95 32.2 12.2 52.2

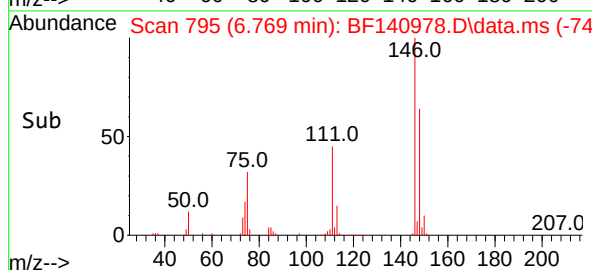
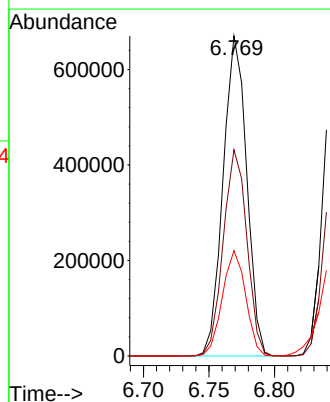
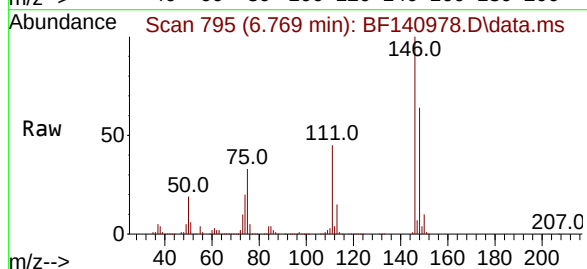
Manual Integrations
APPROVED

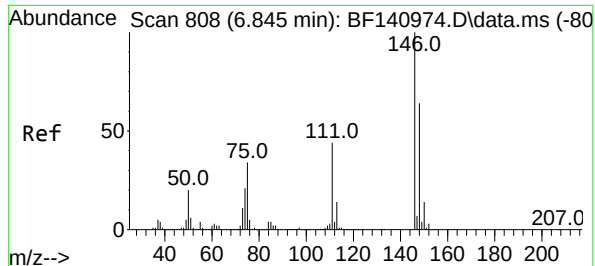
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#12
1,3-Dichlorobenzene
Concen: 38.861 ng
RT: 6.769 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Tgt Ion:146 Resp: 836638
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.4
75 32.9 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 40.612 ng

RT: 6.845 min Scan# 808

Delta R.T. 0.000 min

Lab File: BF140978.D

Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624

Tgt Ion:146 Resp: 881410

Ion Ratio Lower Upper

146 100

148 63.9 51.3 76.9

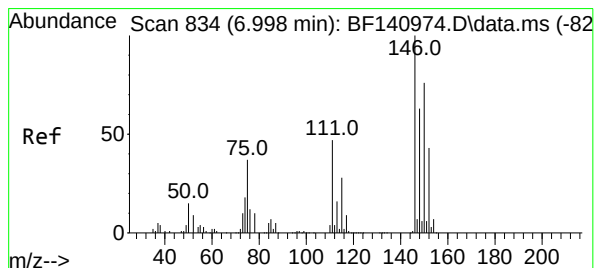
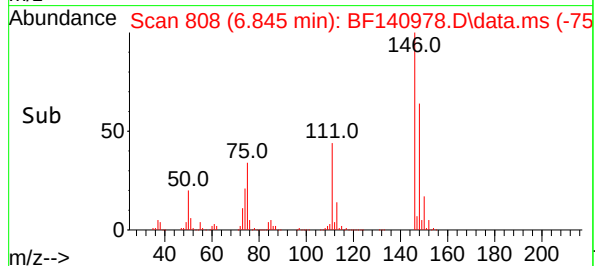
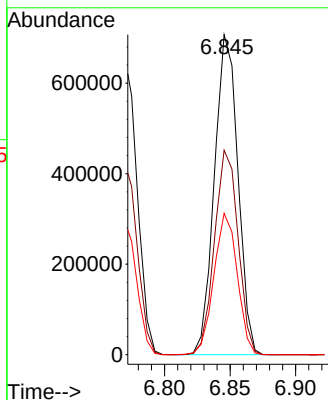
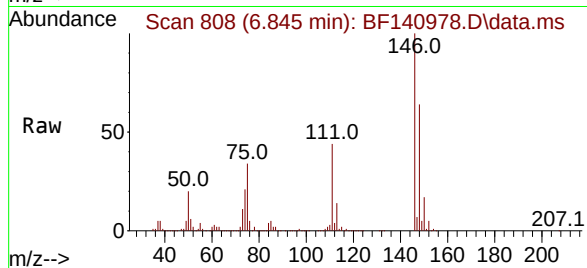
111 44.1 35.3 52.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#14

1,2-Dichlorobenzene

Concen: 38.772 ng

RT: 6.998 min Scan# 834

Delta R.T. 0.000 min

Lab File: BF140978.D

Acq: 26 Dec 2024 19:52

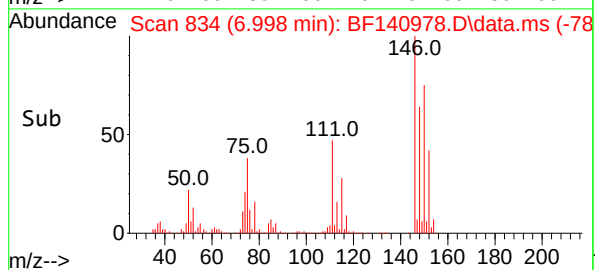
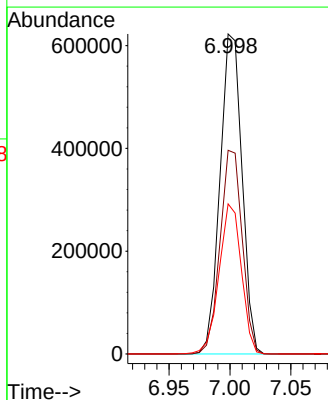
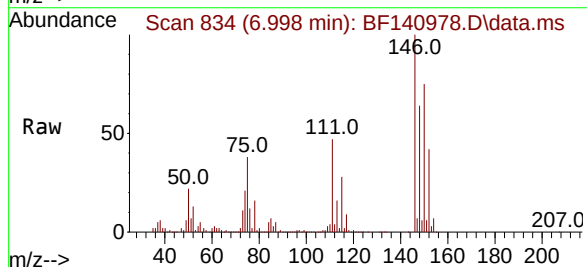
Tgt Ion:146 Resp: 784556

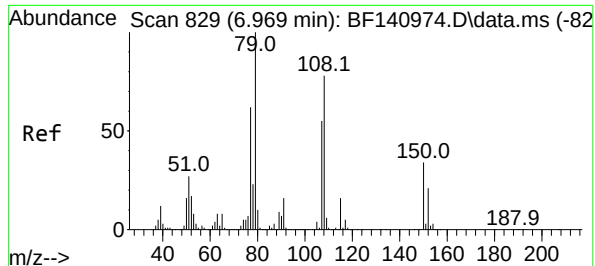
Ion Ratio Lower Upper

146 100

148 63.7 50.6 76.0

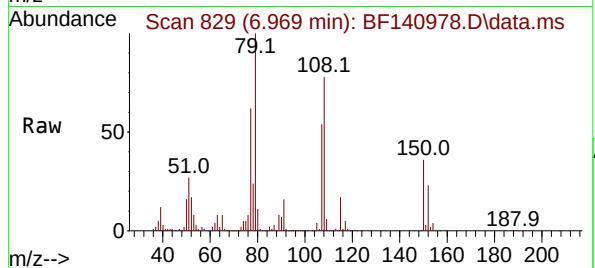
111 46.9 37.3 55.9





#15
Benzyl Alcohol
Concen: 39.751 ng
RT: 6.969 min Scan# 829
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

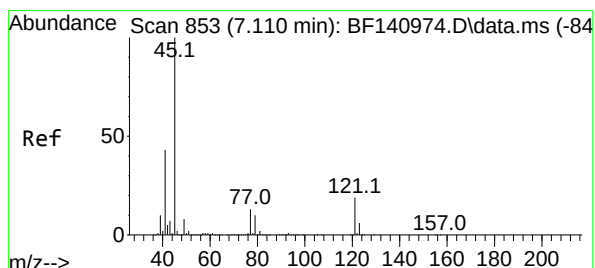
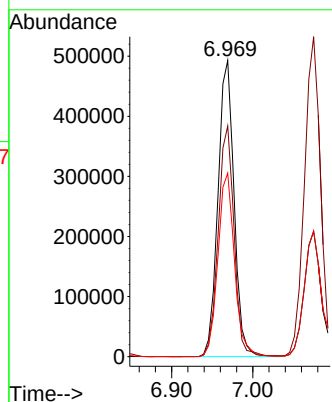
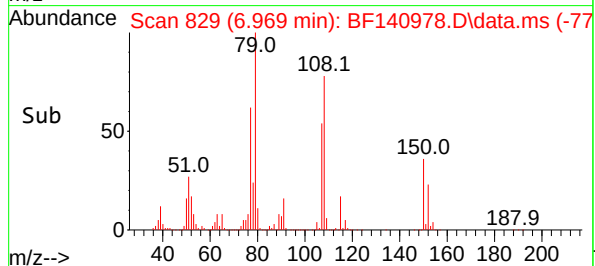
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



Tgt Ion: 79 Resp: 680874
Ion Ratio Lower Upper
79 100
108 77.9 62.5 93.7
77 62.0 49.3 73.9

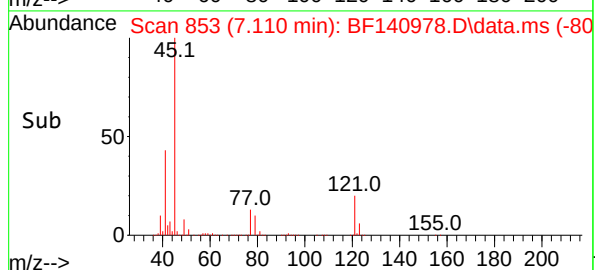
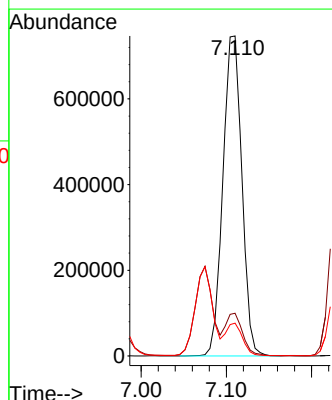
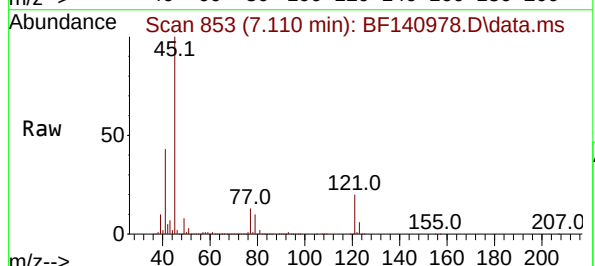
Manual Integrations
APPROVED

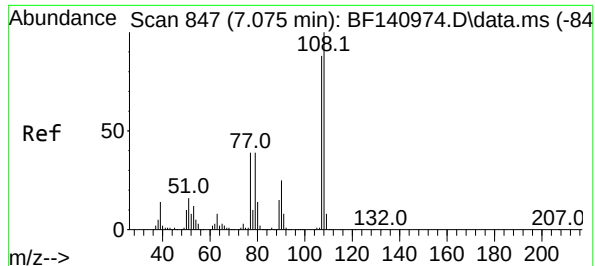
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.326 ng
RT: 7.110 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

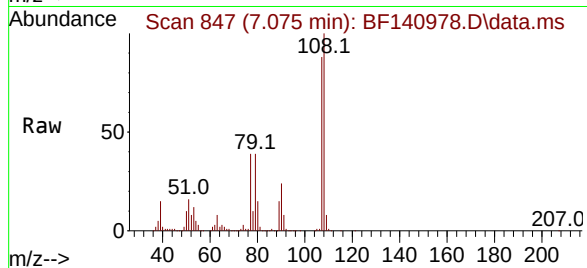
Tgt Ion: 45 Resp: 1153471
Ion Ratio Lower Upper
45 100
77 13.4 0.0 33.1
79 10.3 0.0 30.1





#17
2-Methylphenol
Concen: 39.617 ng
RT: 7.075 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

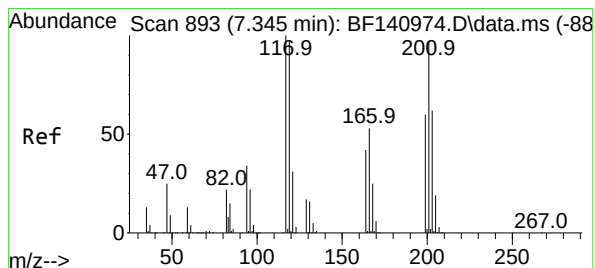
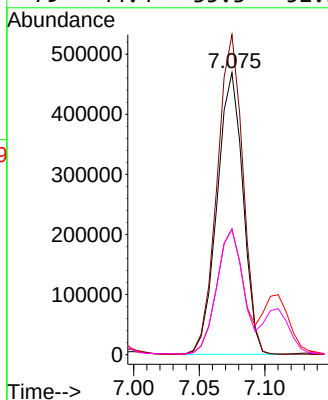
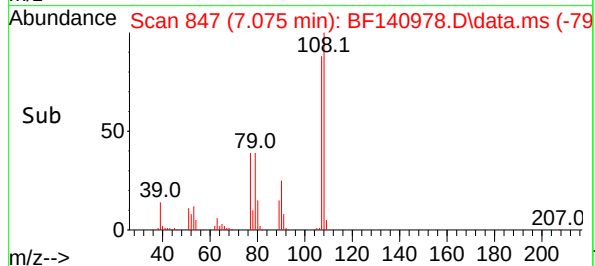
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



Tgt Ion:107 Resp: 642058
Ion Ratio Lower Upper
107 100
108 113.5 90.6 136.0
77 44.6 35.3 52.9
79 44.4 35.3 52.9

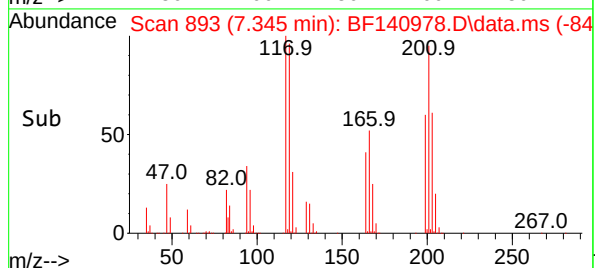
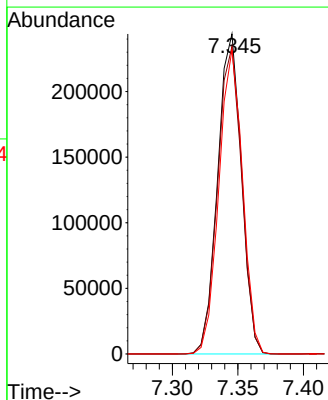
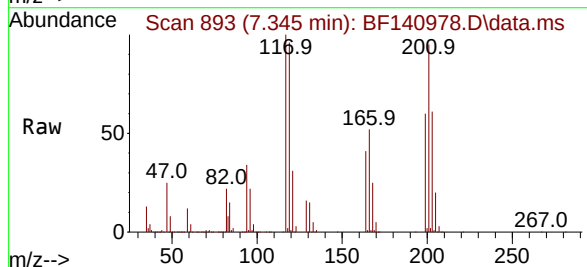
Manual Integrations
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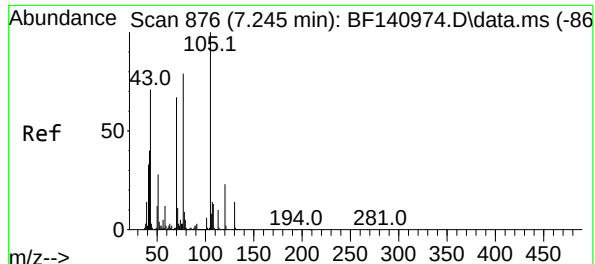
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#18
Hexachloroethane
Concen: 40.027 ng
RT: 7.345 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Tgt Ion:117 Resp: 308596
Ion Ratio Lower Upper
117 100
119 96.0 77.5 116.3
201 95.1 77.4 116.2





#19

n-Nitroso-di-n-propylamine

Concen: 40.828 ng

RT: 7.245 min Scan# 876

Delta R.T. 0.000 min

Lab File: BF140978.D

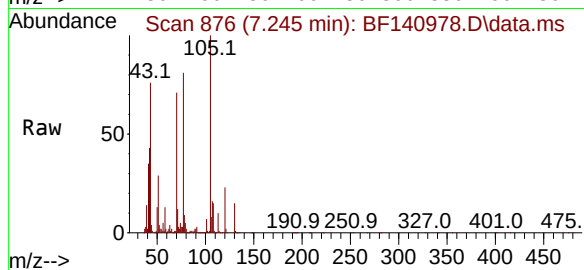
Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624



Tgt Ion: 70 Resp: 596199

Ion Ratio Lower Upper

70 100

42 60.1 48.1 72.1

101 9.9 7.6 11.4

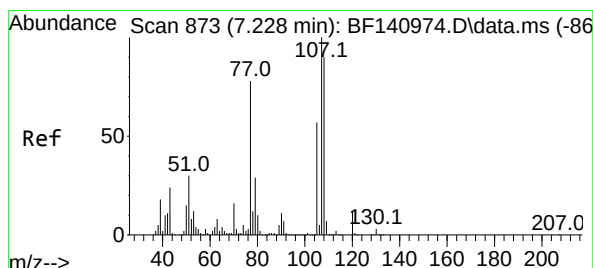
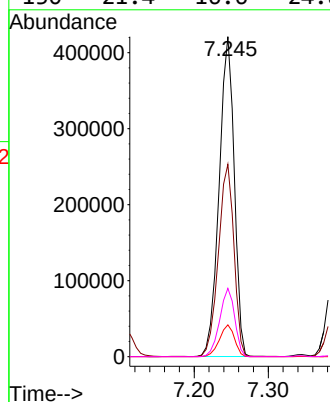
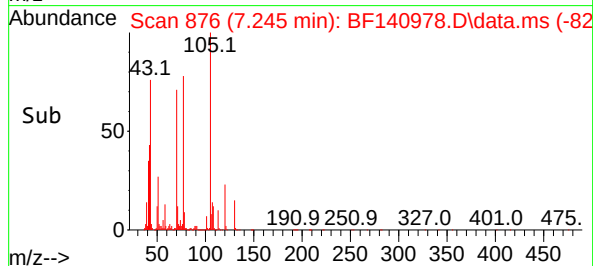
130 21.4 16.6 24.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#20

3+4-Methylphenols

Concen: 39.323 ng

RT: 7.228 min Scan# 873

Delta R.T. 0.000 min

Lab File: BF140978.D

Acq: 26 Dec 2024 19:52

Tgt Ion:107 Resp: 806484

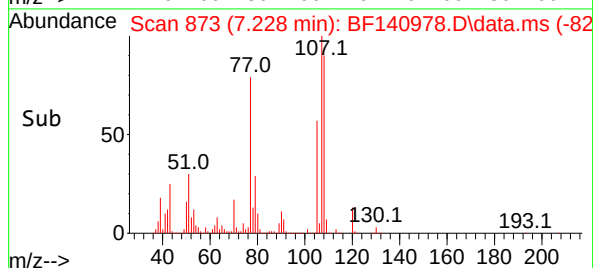
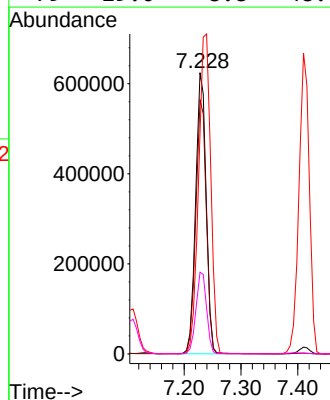
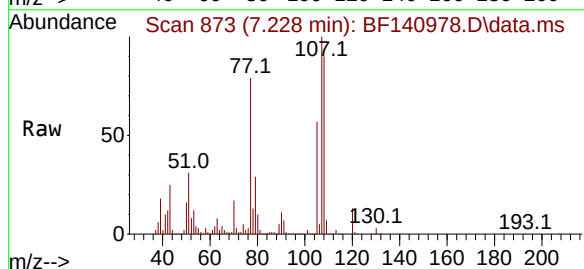
Ion Ratio Lower Upper

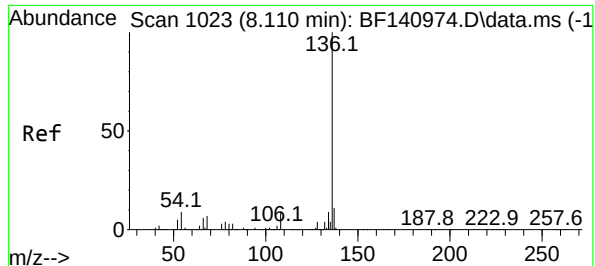
107 100

108 90.2 69.6 109.6

77 78.8 57.6 97.6

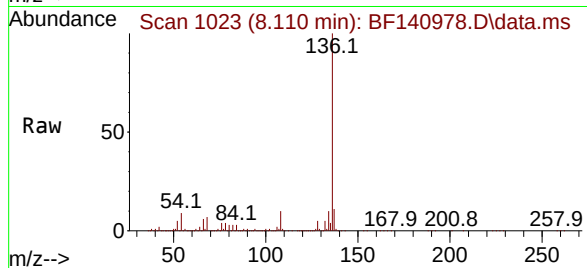
79 29.0 8.8 48.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

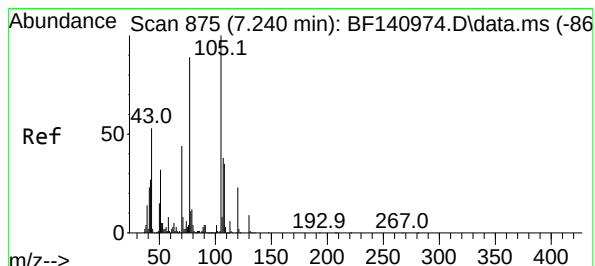
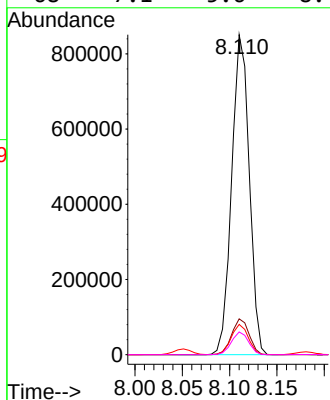
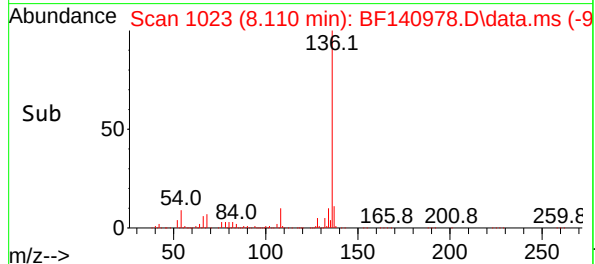
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



Tgt Ion:136 Resp: 1096814
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 9.5 7.6 11.4
68 7.1 5.6 8.4

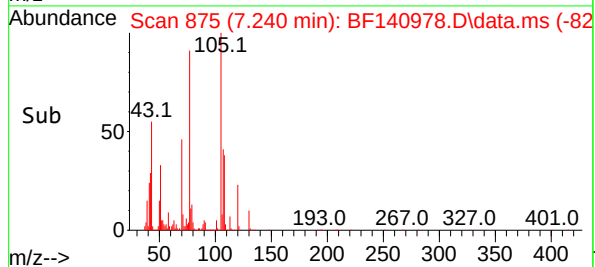
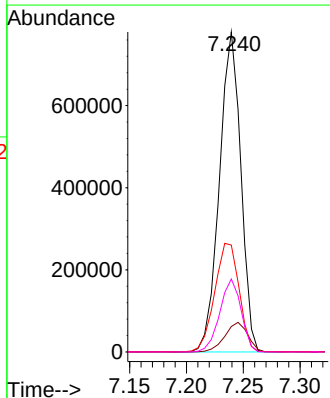
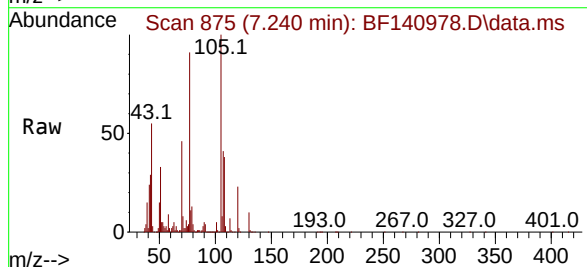
Manual Integrations
APPROVED

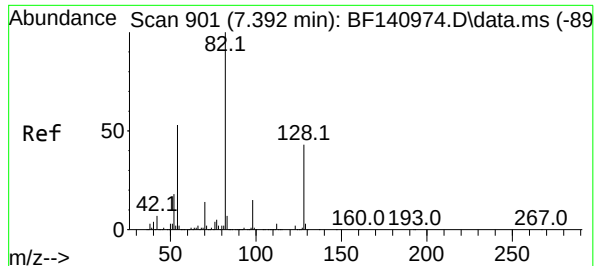
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#22
Acetophenone
Concen: 37.920 ng
RT: 7.240 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Tgt Ion:105 Resp: 1020280
Ion Ratio Lower Upper
105 100
71 7.9 6.1 9.1
51 33.4 25.8 38.6
120 22.8 18.1 27.1





#23

Nitrobenzene-d5

Concen: 91.412 ng

RT: 7.392 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF140978.D

Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624

Tgt Ion: 82 Resp: 156713

Ion Ratio Lower Upper

82 100

128 43.6 34.4 51.6

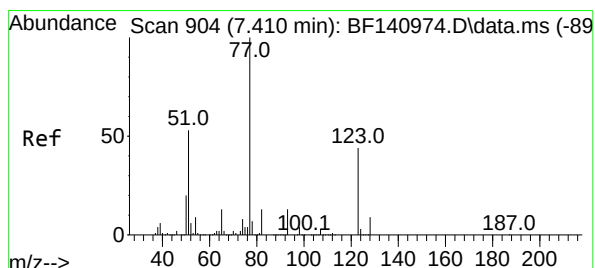
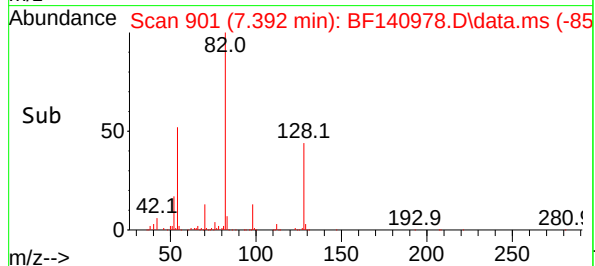
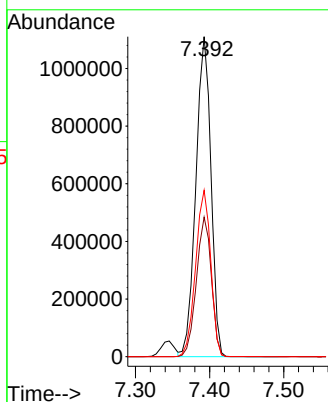
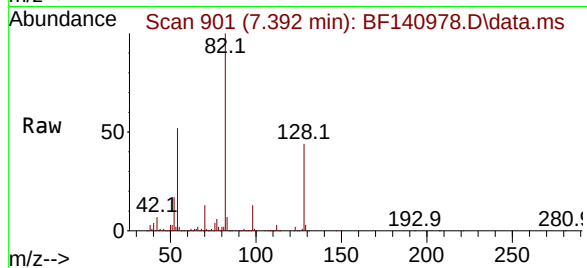
54 52.0 42.4 63.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#24

Nitrobenzene

Concen: 44.060 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF140978.D

Acq: 26 Dec 2024 19:52

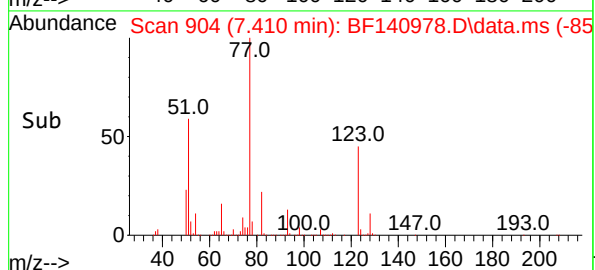
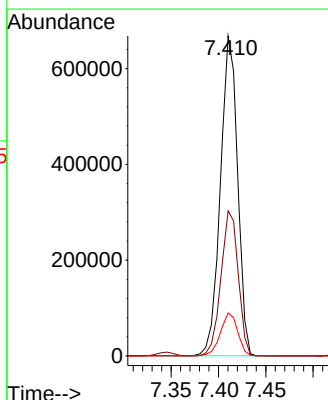
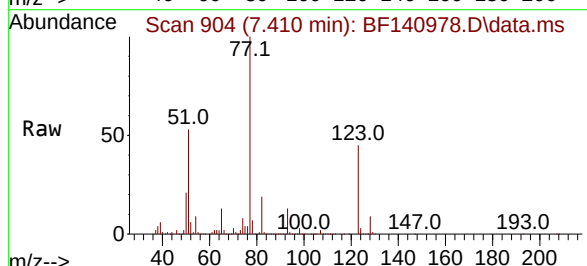
Tgt Ion: 77 Resp: 844017

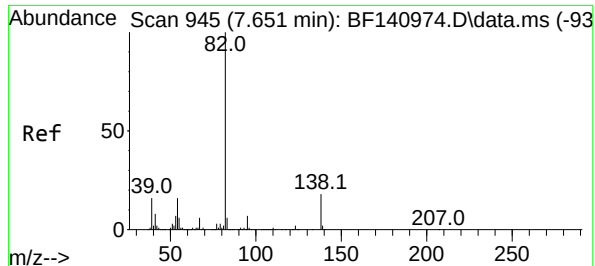
Ion Ratio Lower Upper

77 100

123 45.3 35.4 53.2

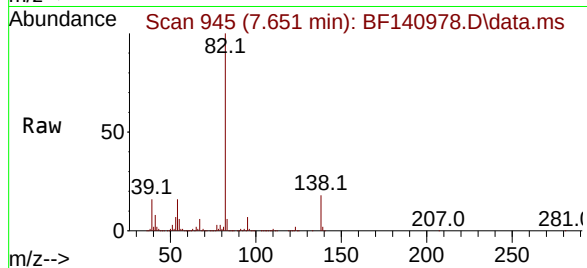
65 13.4 10.7 16.1





#25
Isophorone
Concen: 38.534 ng
RT: 7.651 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

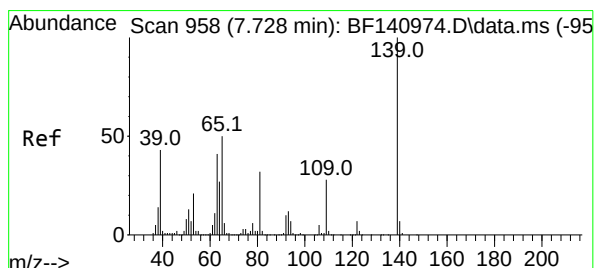
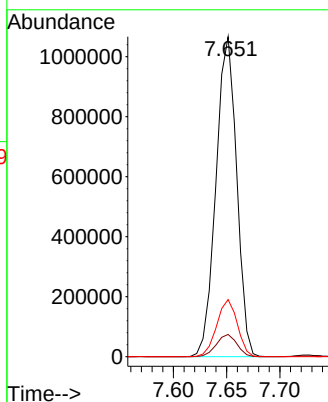
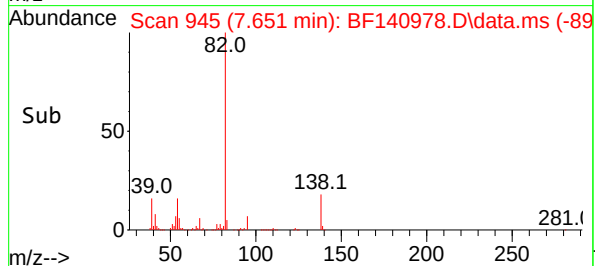
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



Tgt Ion: 82 Resp: 143753
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 17.8 14.6 21.8

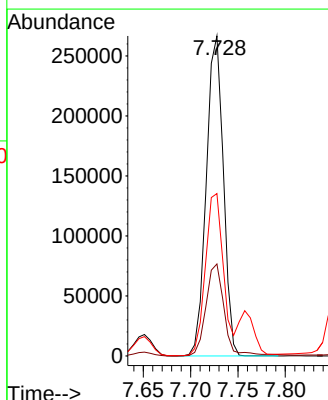
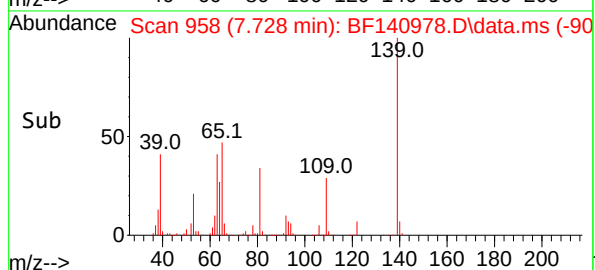
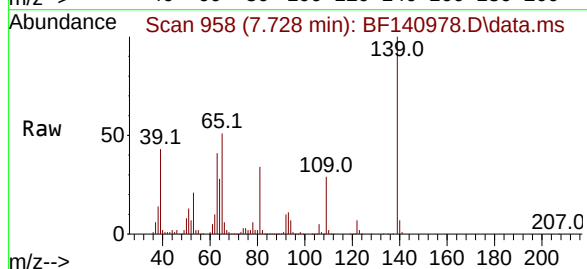
Manual Integrations
APPROVED

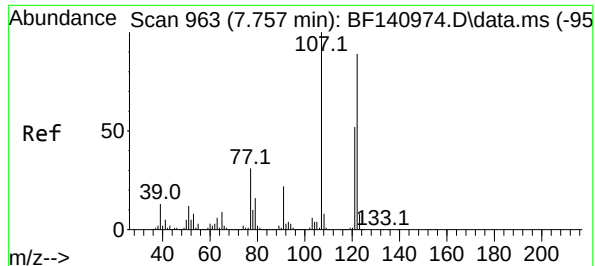
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#26
2-Nitrophenol
Concen: 43.185 ng
RT: 7.728 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Tgt Ion:139 Resp: 334326
Ion Ratio Lower Upper
139 100
109 28.8 22.2 33.4
65 50.7 40.2 60.4





#27

2,4-Dimethylphenol

Concen: 39.926 ng

RT: 7.757 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF140978.D

Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624

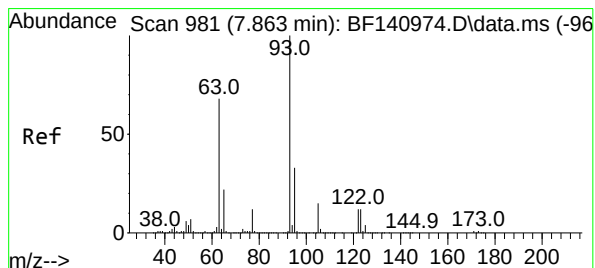
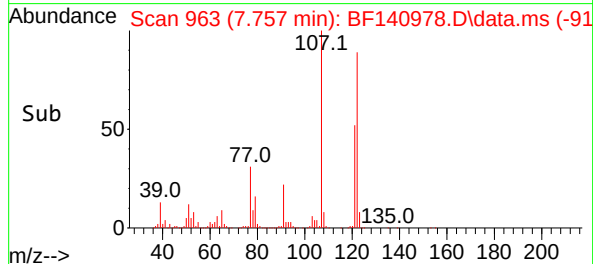
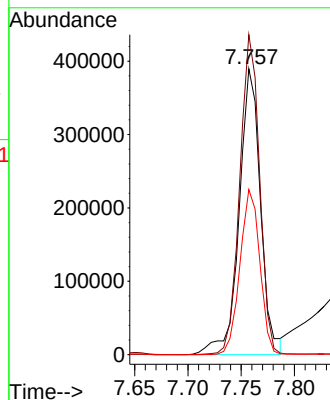
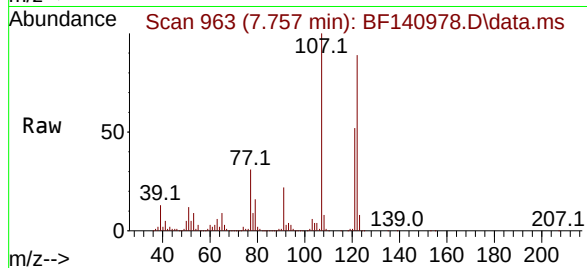
Tgt Ion:122 Resp: 54435

Ion	Ratio	Lower	Upper
122	100		
107	111.9	89.4	134.2
121	57.8	46.7	70.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#28

bis(2-Chloroethoxy)methane

Concen: 38.323 ng

RT: 7.863 min Scan# 981

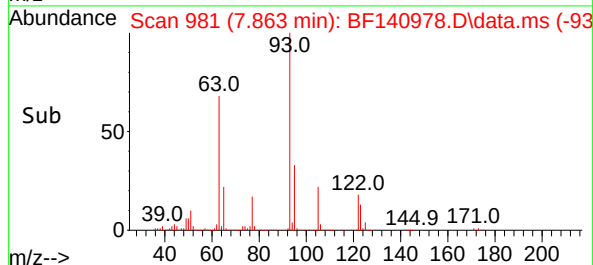
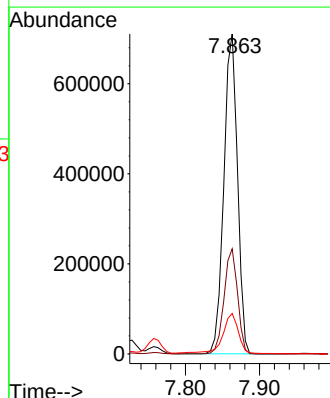
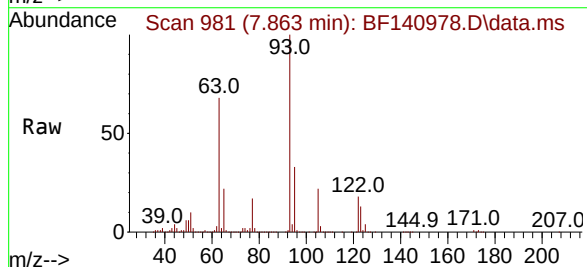
Delta R.T. 0.000 min

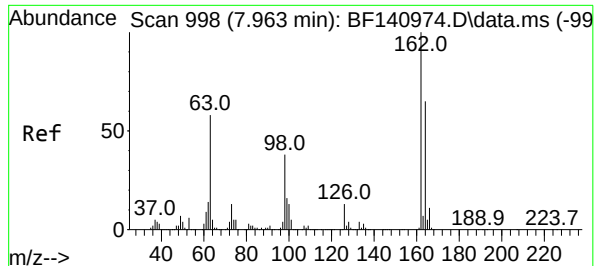
Lab File: BF140978.D

Acq: 26 Dec 2024 19:52

Tgt Ion: 93 Resp: 905816

Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.2	39.4
123	12.6	9.9	14.9





#29

2,4-Dichlorophenol

Concen: 40.280 ng

RT: 7.963 min Scan# 998

Delta R.T. 0.000 min

Lab File: BF140978.D

Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624

Tgt Ion:162 Resp: 62284

Ion Ratio Lower Upper

162 100

164 63.8 44.8 84.8

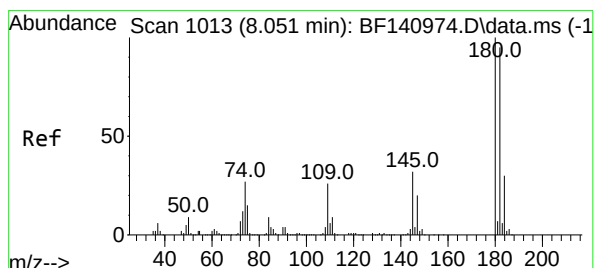
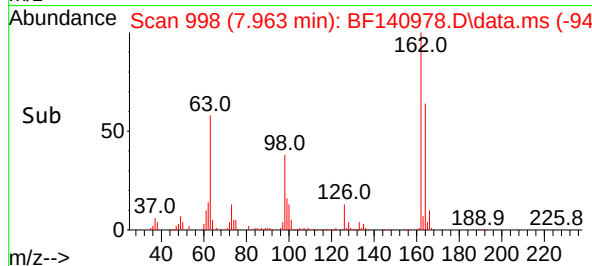
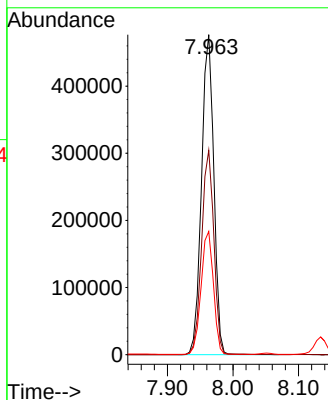
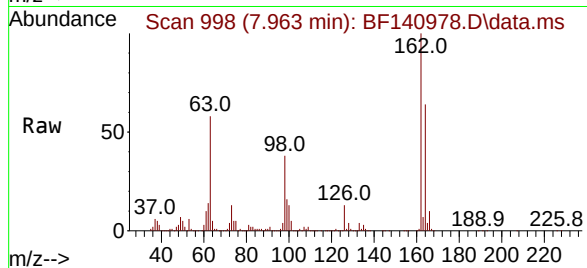
98 38.5 18.6 58.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#30

1,2,4-Trichlorobenzene

Concen: 41.204 ng

RT: 8.051 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF140978.D

Acq: 26 Dec 2024 19:52

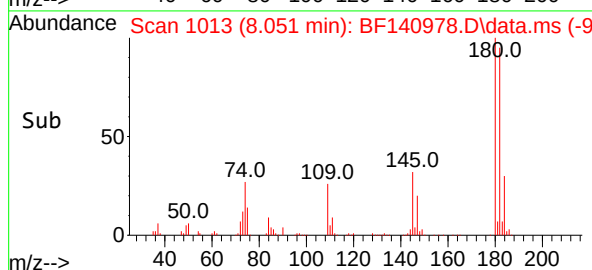
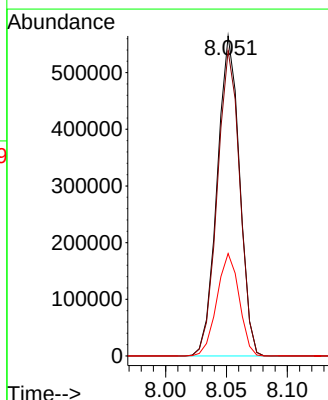
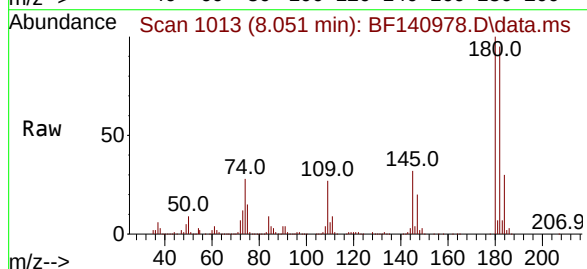
Tgt Ion:180 Resp: 721146

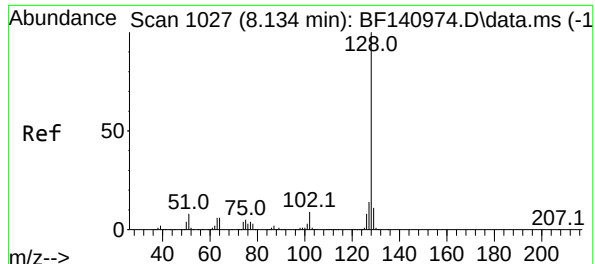
Ion Ratio Lower Upper

180 100

182 95.4 76.2 114.4

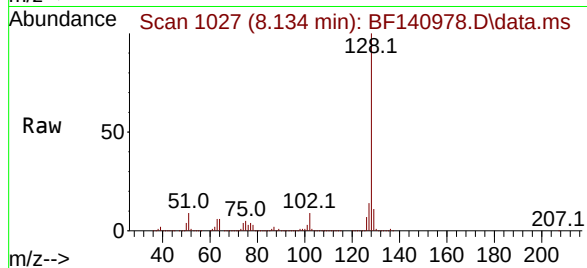
145 32.0 25.4 38.2





#31
Naphthalene
Concen: 38.493 ng
RT: 8.134 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

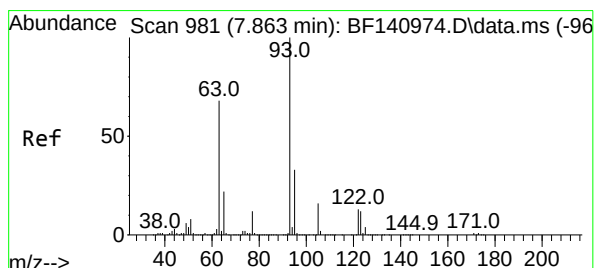
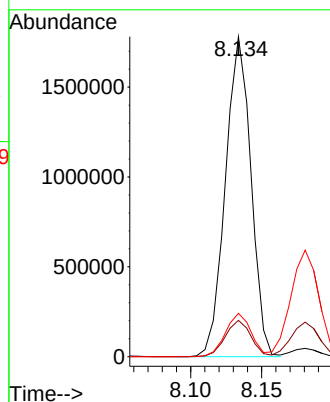
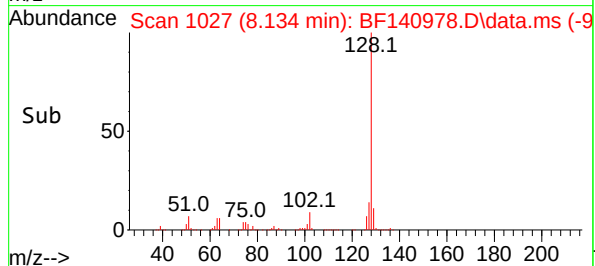
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



Tgt Ion:128 Resp: 222474
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.6 11.0 16.4

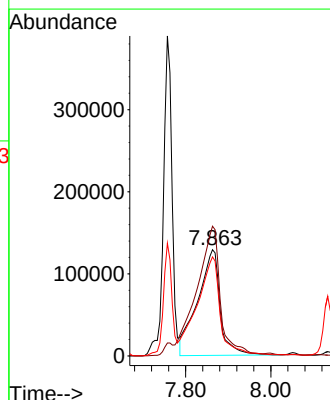
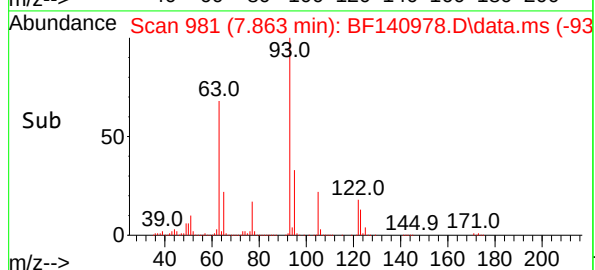
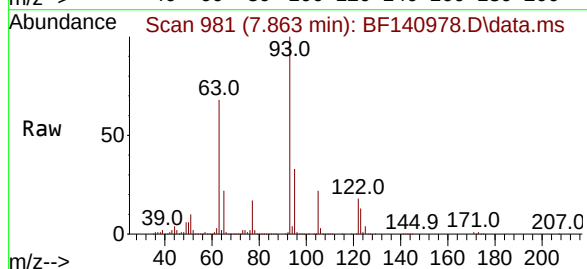
Manual Integrations
APPROVED

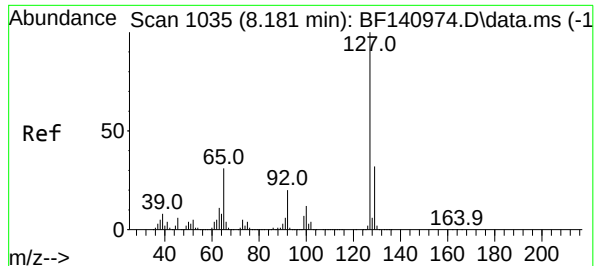
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#32
Benzoic acid
Concen: 43.158 ng
RT: 7.863 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

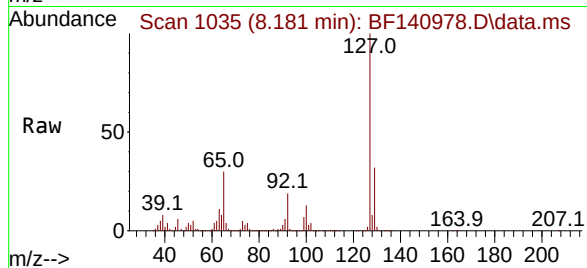
Tgt Ion:122 Resp: 473862
Ion Ratio Lower Upper
122 100
105 122.1 105.4 145.4
77 93.2 76.4 116.4





#33
4-Chloroaniline
Concen: 39.203 ng
RT: 8.181 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

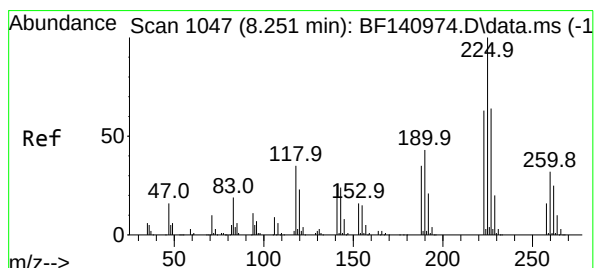
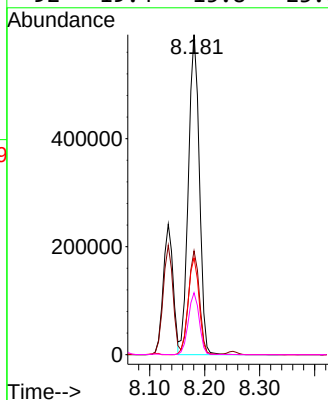
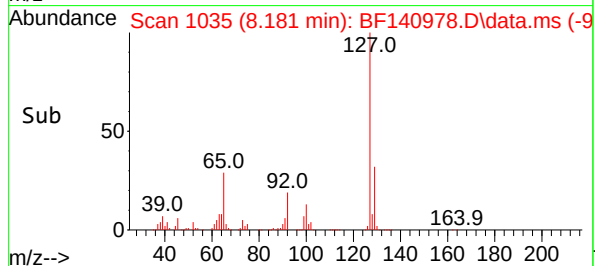
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



Tgt Ion:127 Resp: 819674
Ion Ratio Lower Upper
127 100
129 32.4 26.1 39.1
65 30.2 24.6 37.0
92 19.4 15.8 23.6

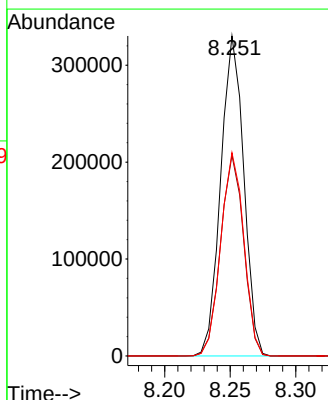
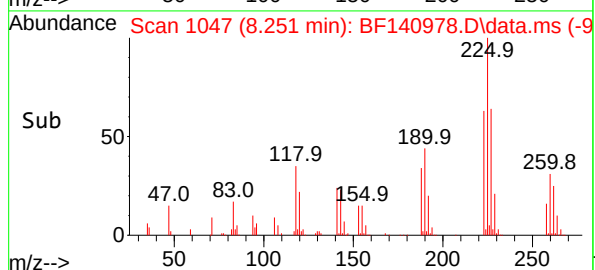
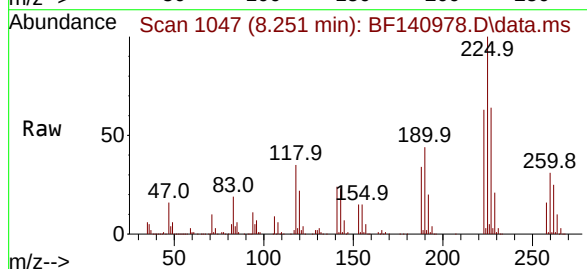
Manual Integrations
APPROVED

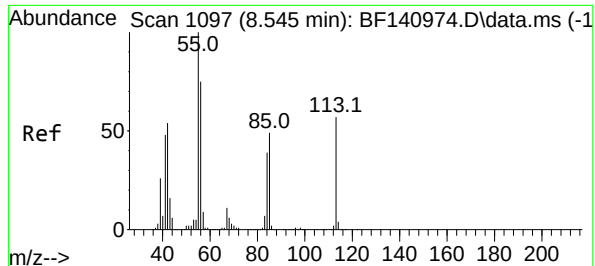
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#34
Hexachlorobutadiene
Concen: 39.095 ng
RT: 8.251 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

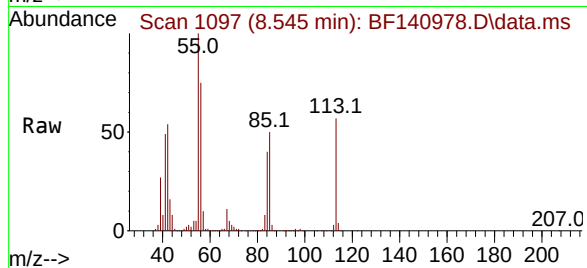
Tgt Ion:225 Resp: 403377
Ion Ratio Lower Upper
225 100
223 62.7 50.3 75.5
227 63.6 50.8 76.2





#35
Caprolactam
Concen: 40.139 ng m
RT: 8.545 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

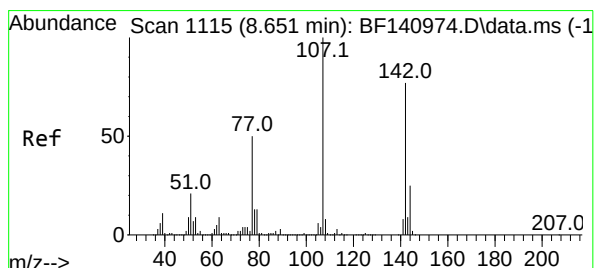
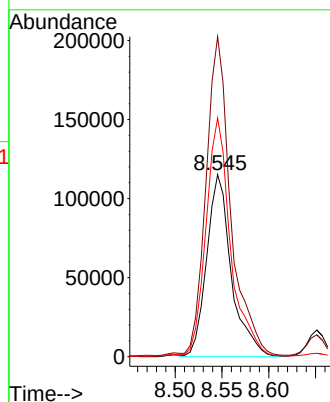
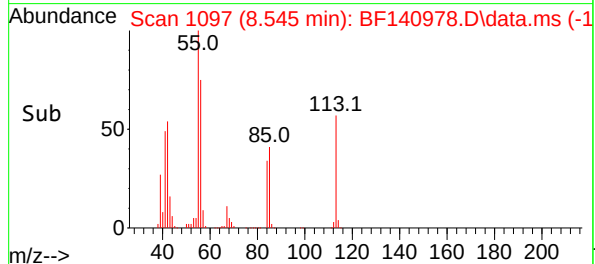
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



Tgt Ion:113 Resp: 211002
Ion Ratio Lower Upper
113 100
55 175.7 156.6 196.6
56 131.1 111.7 151.7

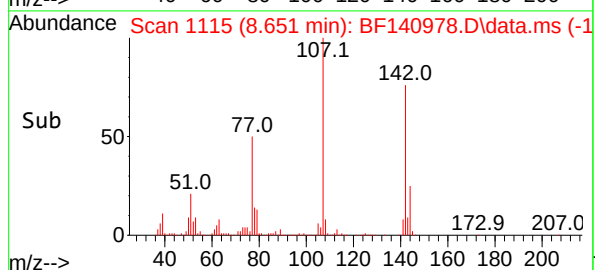
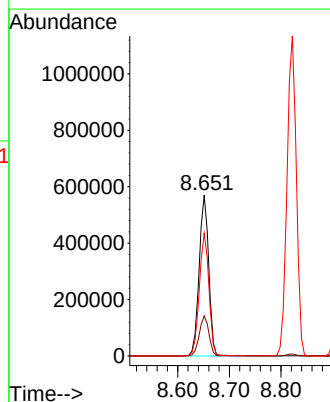
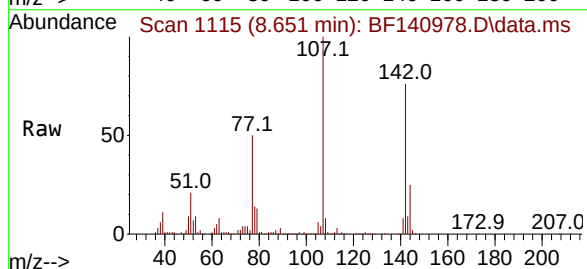
Manual Integrations
APPROVED

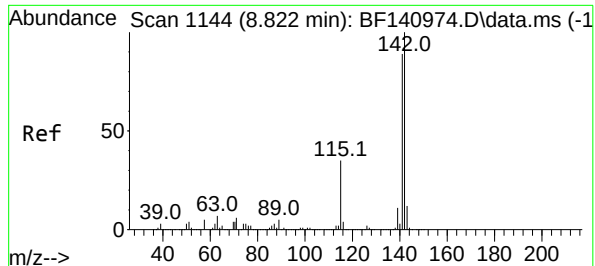
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#36
4-Chloro-3-methylphenol
Concen: 42.714 ng
RT: 8.651 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

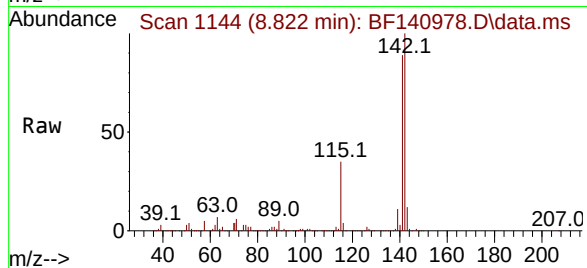
Tgt Ion:107 Resp: 733502
Ion Ratio Lower Upper
107 100
144 25.0 19.9 29.9
142 76.4 61.8 92.8





#37
2-Methylnaphthalene
Concen: 38.340 ng
RT: 8.822 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

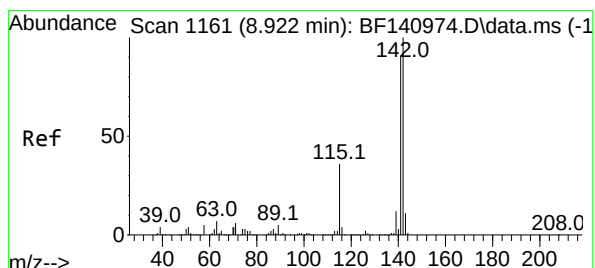
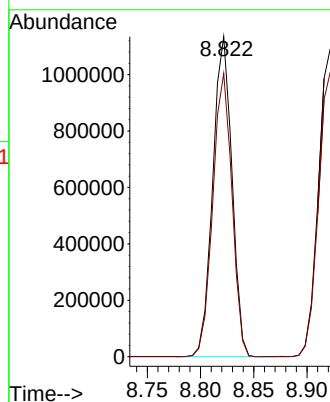
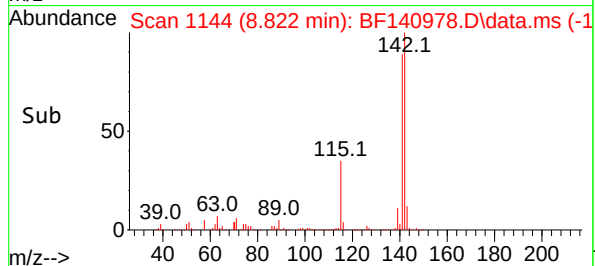
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



Tgt Ion:142 Resp: 1417570
Ion Ratio Lower Upper
142 100
141 88.5 71.1 106.7

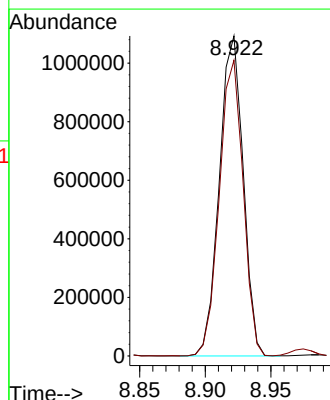
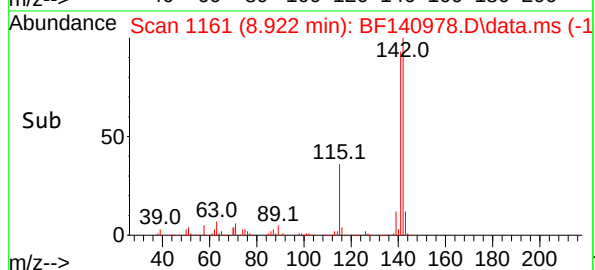
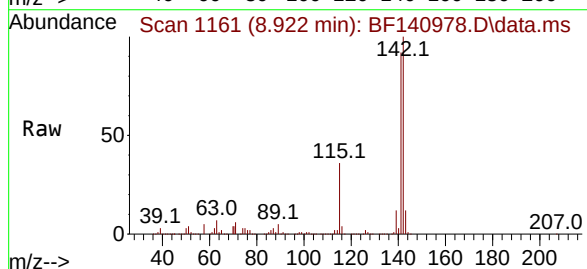
Manual Integrations
APPROVED

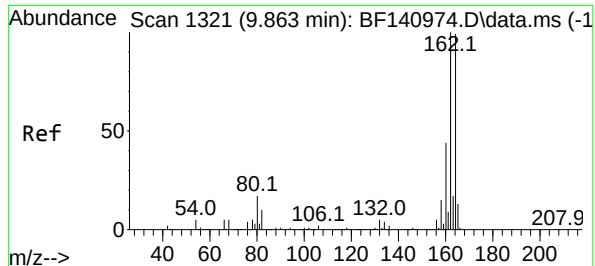
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#38
1-Methylnaphthalene
Concen: 37.974 ng
RT: 8.922 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

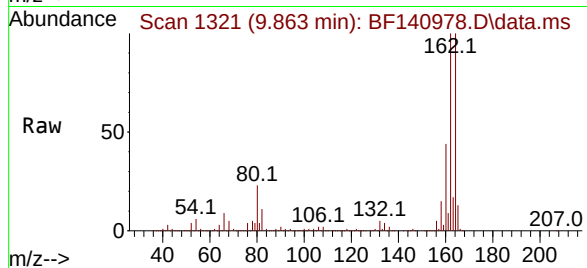
Tgt Ion:142 Resp: 1379859
Ion Ratio Lower Upper
142 100
141 92.4 72.7 109.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 11321
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

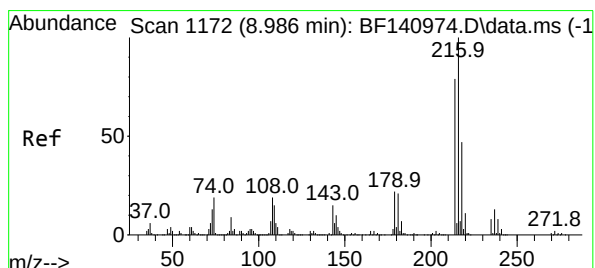
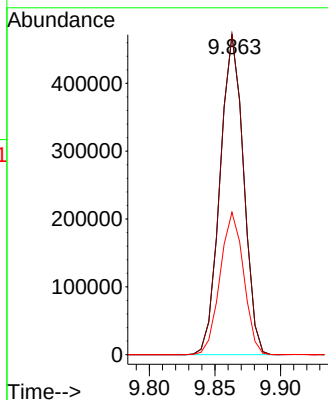
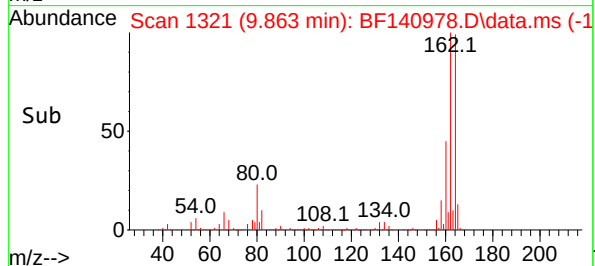
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



Tgt Ion:164 Resp: 58666
Ion Ratio Lower Upper
164 100
162 99.9 80.6 120.8
160 44.5 35.7 53.5

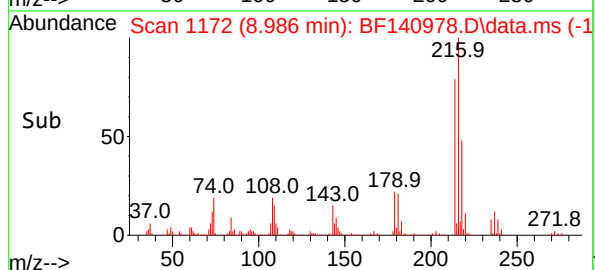
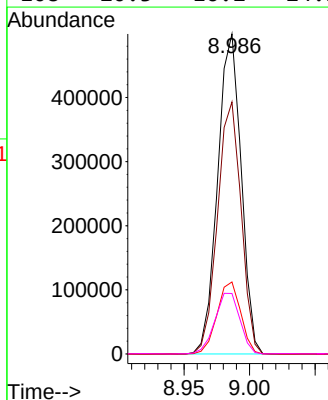
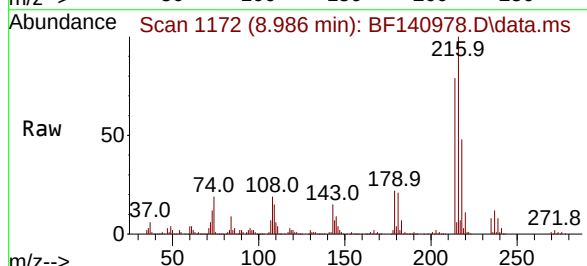
Manual Integrations
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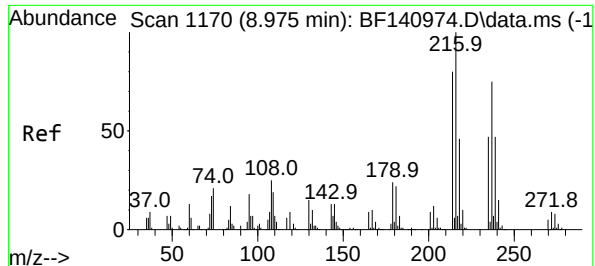
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.527 ng
RT: 8.986 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Tgt Ion:216 Resp: 621819
Ion Ratio Lower Upper
216 100
214 78.9 63.0 94.6
179 22.7 17.9 26.9
108 20.3 16.2 24.2





#41

Hexachlorocyclopentadiene

Concen: 40.560 ng

RT: 8.975 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF140978.D

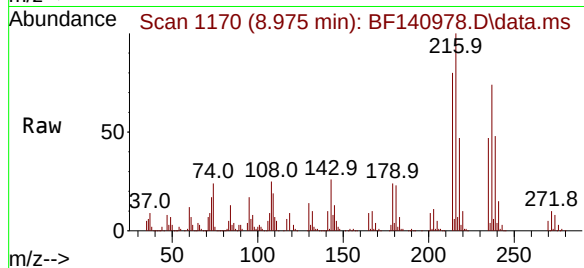
Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624

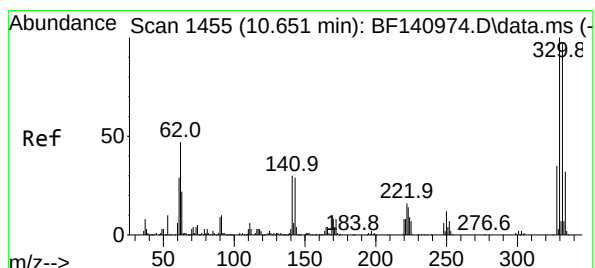
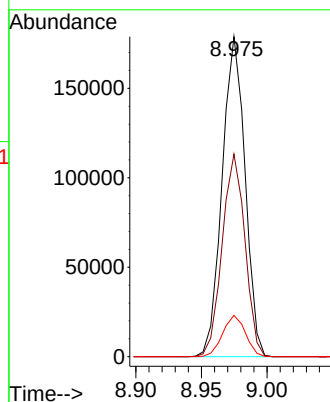
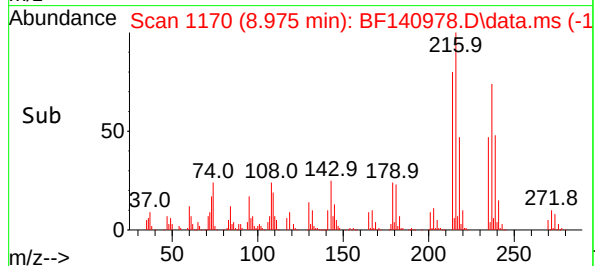


Tgt Ion:	237	Resp:	216938
Ion	Ratio	Lower	Upper
237	100		
235	63.3	43.4	83.4
272	12.9	0.0	32.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#42

2,4,6-Tribromophenol

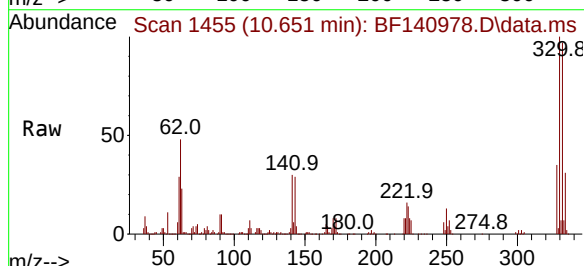
Concen: 82.713 ng

RT: 10.651 min Scan# 1455

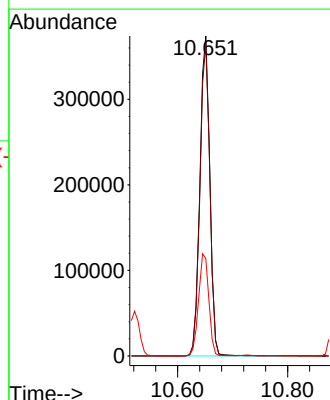
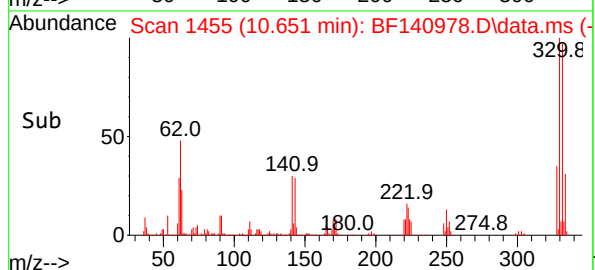
Delta R.T. 0.000 min

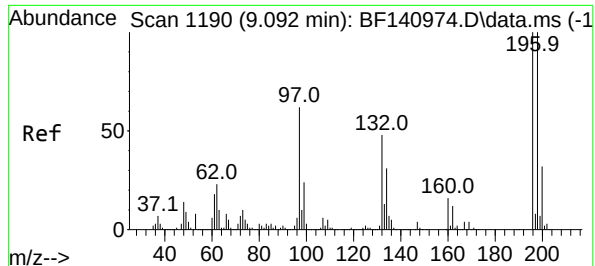
Lab File: BF140978.D

Acq: 26 Dec 2024 19:52



Tgt Ion:	330	Resp:	471519
Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.0	117.0
141	33.0	26.4	39.6





#43

2,4,6-Trichlorophenol

Concen: 40.180 ng

RT: 9.092 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF140978.D

Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624

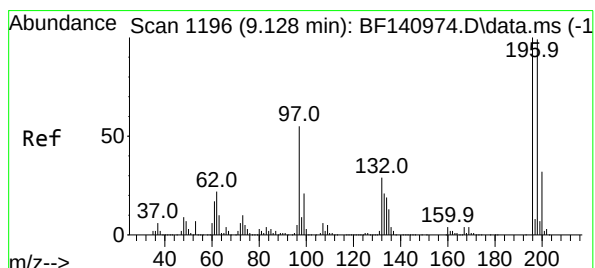
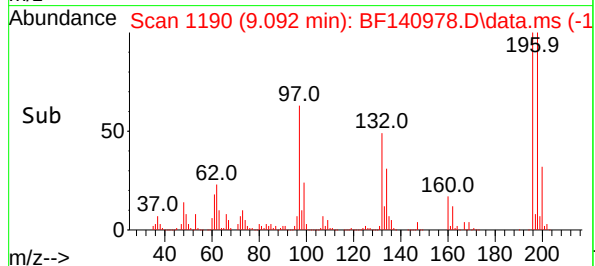
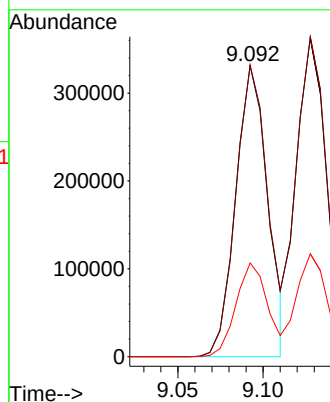
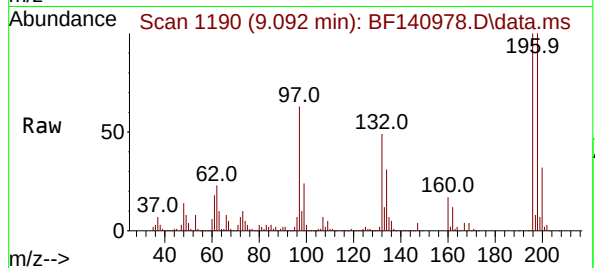
Tgt Ion	196	Resp	43160
Ion Ratio	Lower	Upper	
196	100		
198	100.2	80.2	120.4
200	32.2	25.8	38.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#44

2,4,5-Trichlorophenol

Concen: 40.663 ng

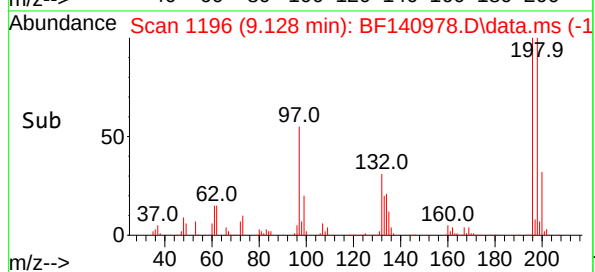
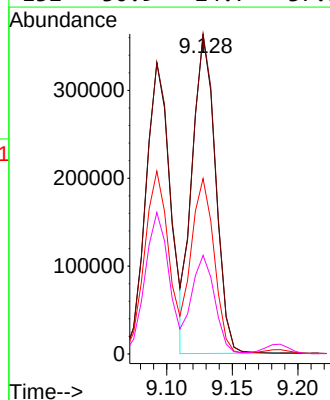
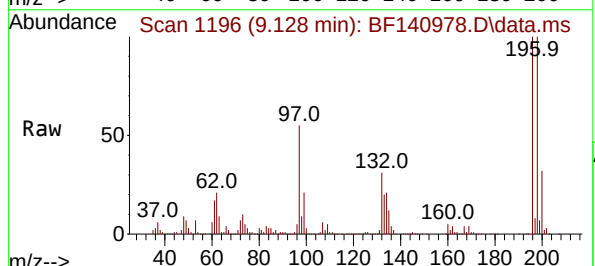
RT: 9.128 min Scan# 1196

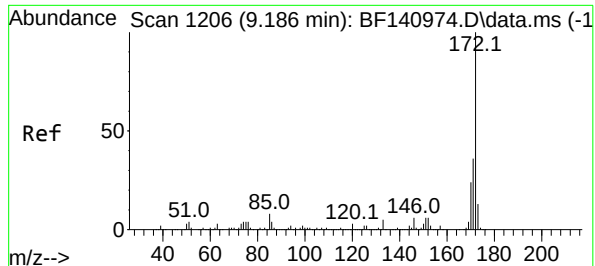
Delta R.T. 0.000 min

Lab File: BF140978.D

Acq: 26 Dec 2024 19:52

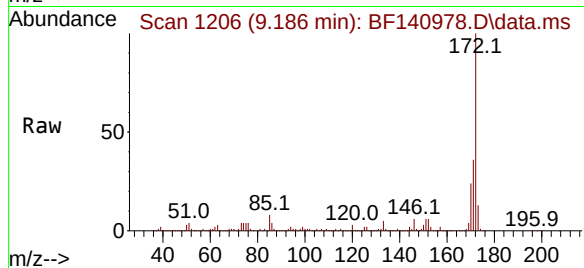
Tgt Ion	196	Resp	446928
Ion Ratio	Lower	Upper	
196	100		
198	100.5	79.9	119.9
97	55.1	44.3	66.5
132	30.9	24.7	37.1





#45
2-Fluorobiphenyl
Concen: 74.821 ng
RT: 9.186 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

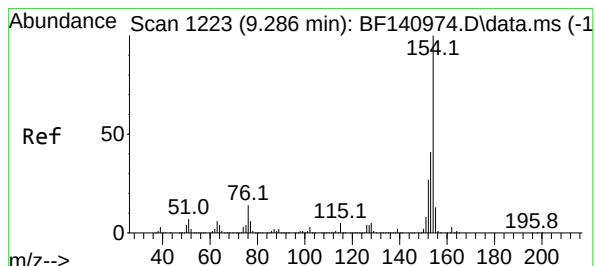
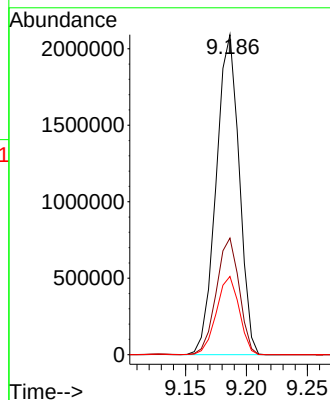
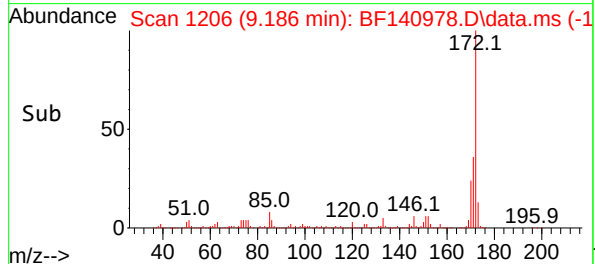
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



Tgt Ion:172 Resp: 2755058
Ion Ratio Lower Upper
172 100
171 36.4 29.0 43.4
170 24.4 19.6 29.4

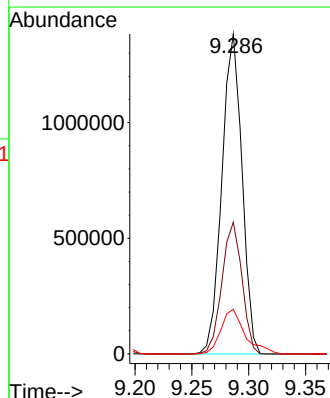
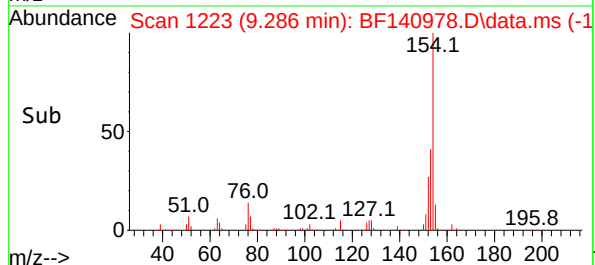
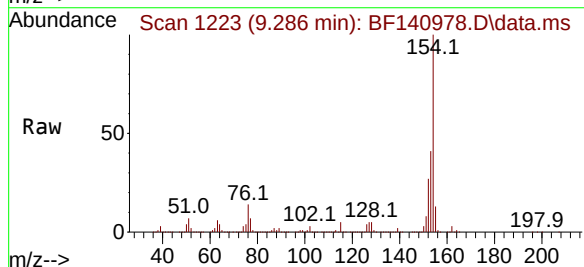
Manual Integrations
APPROVED

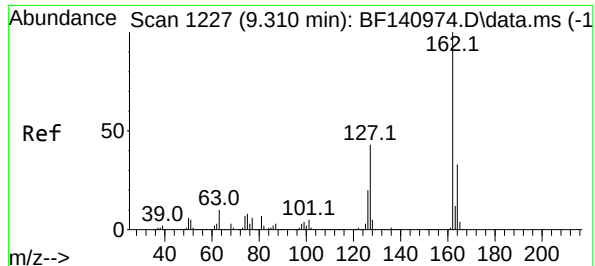
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#46
1,1'-Biphenyl
Concen: 37.916 ng
RT: 9.286 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

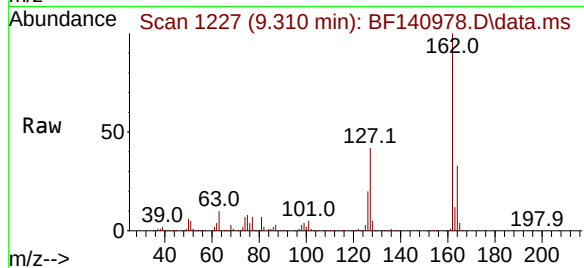
Tgt Ion:154 Resp: 1703208
Ion Ratio Lower Upper
154 100
153 41.2 20.9 60.9
76 14.0 0.0 34.0





#47
2-Chloronaphthalene
Concen: 38.442 ng
RT: 9.310 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

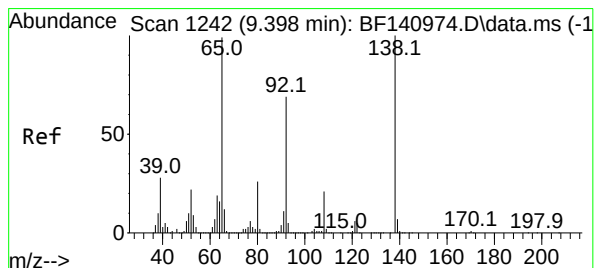
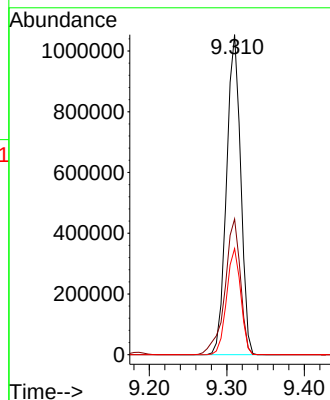
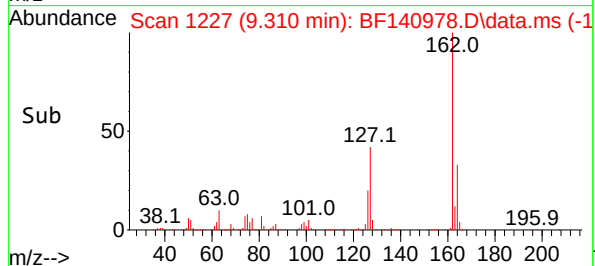
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



Tgt Ion:162 Resp: 133928
Ion Ratio Lower Upper
162 100
127 42.4 34.2 51.4
164 33.2 26.6 40.0

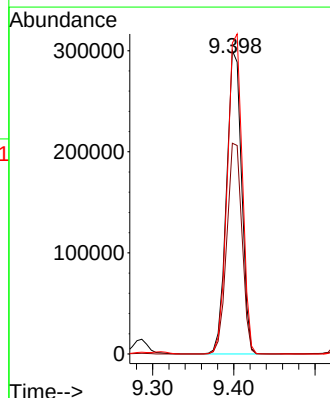
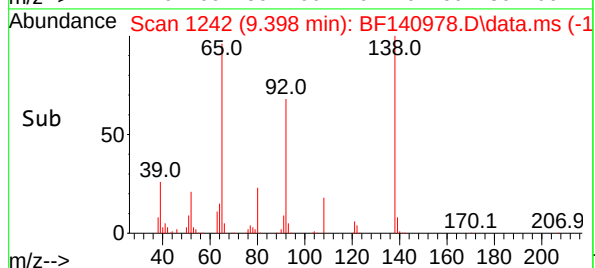
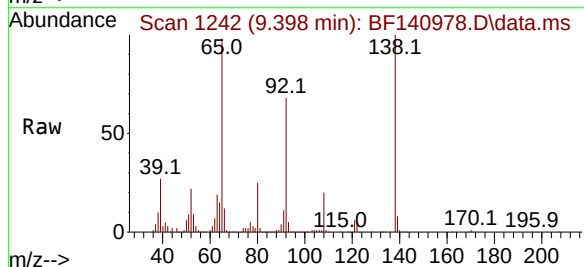
Manual Integrations
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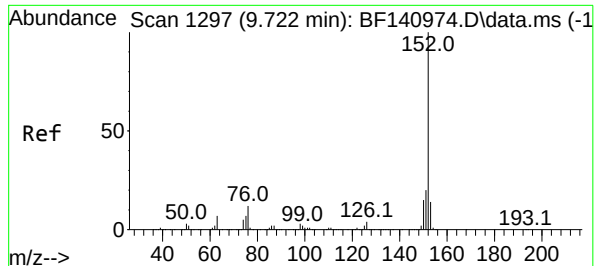
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#48
2-Nitroaniline
Concen: 43.198 ng
RT: 9.398 min Scan# 1242
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Tgt Ion: 65 Resp: 389029
Ion Ratio Lower Upper
65 100
92 69.5 55.6 83.4
138 102.5 80.5 120.7





#49

Acenaphthylene

Concen: 38.272 ng

RT: 9.722 min Scan# 1297

Delta R.T. -0.000 min

Lab File: BF140978.D

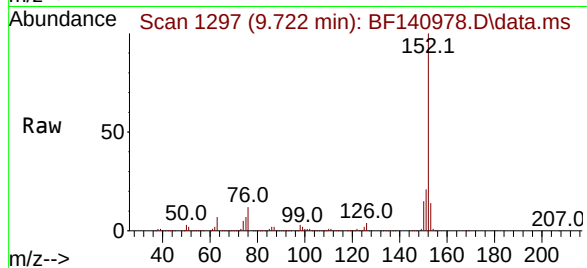
Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624



Tgt Ion:152 Resp: 1919430

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

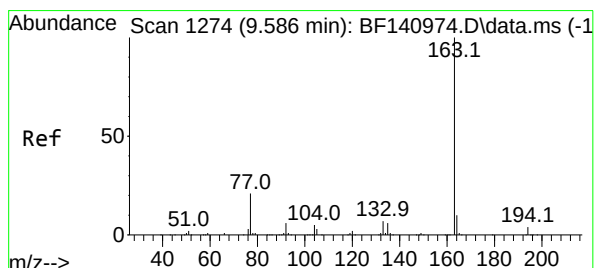
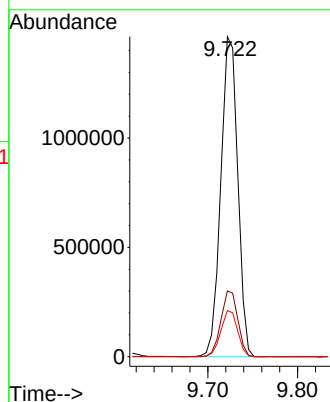
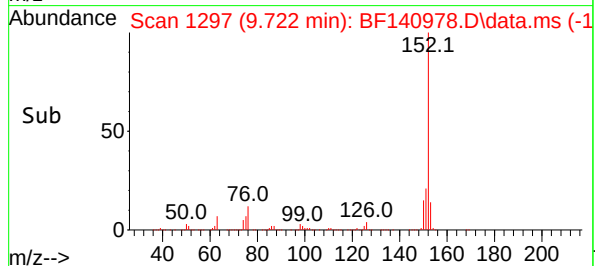
153 14.4 11.4 17.0

Manual Integrations

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Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#50

Dimethylphthalate

Concen: 38.422 ng

RT: 9.586 min Scan# 1274

Delta R.T. 0.000 min

Lab File: BF140978.D

Acq: 26 Dec 2024 19:52

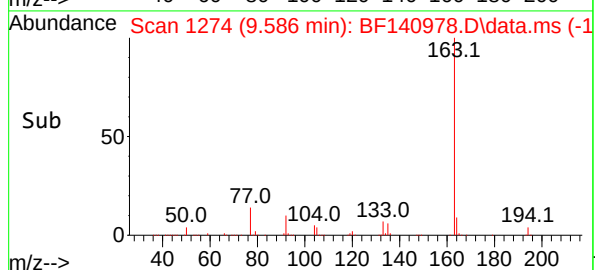
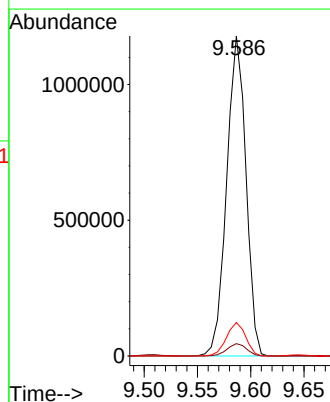
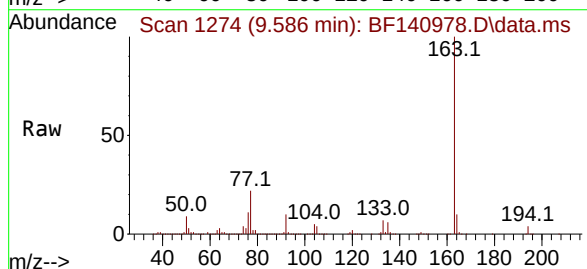
Tgt Ion:163 Resp: 1482676

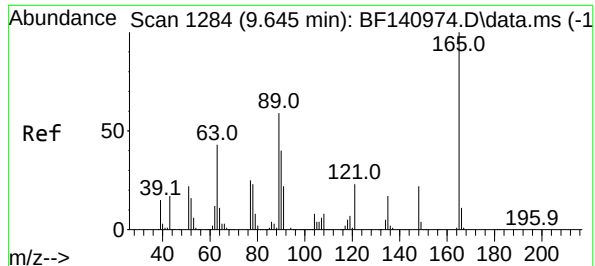
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

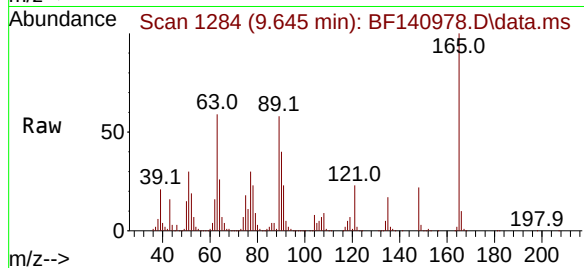
164 10.4 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 42.386 ng
RT: 9.645 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

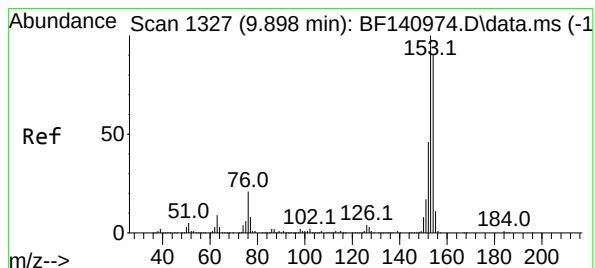
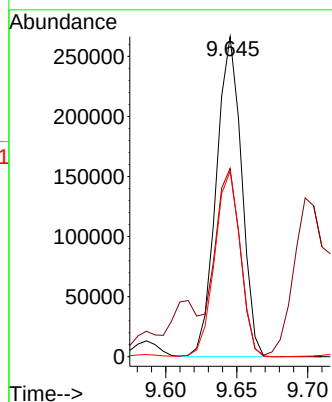
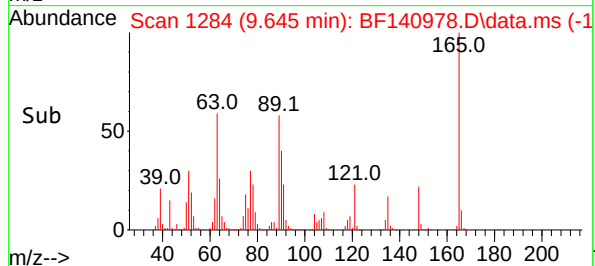
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



Tgt Ion:165 Resp: 32992
Ion Ratio Lower Upper
165 100
63 58.9 47.1 70.7
89 57.9 47.0 70.4

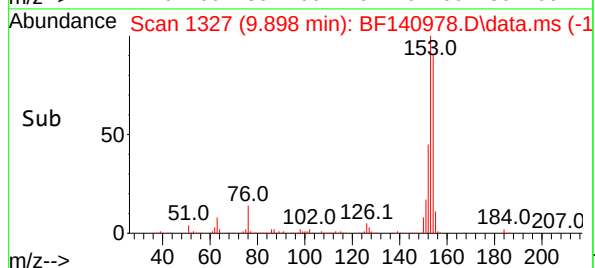
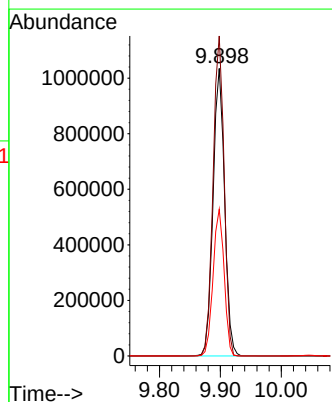
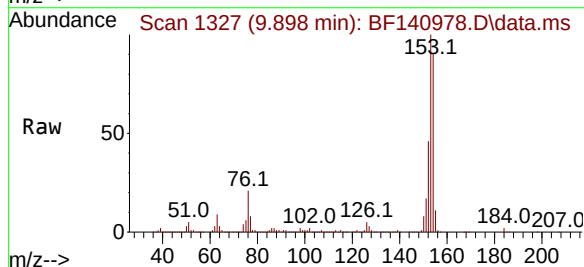
Manual Integrations
APPROVED

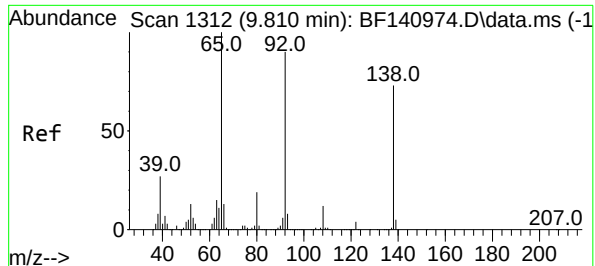
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#52
Acenaphthene
Concen: 40.168 ng
RT: 9.898 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

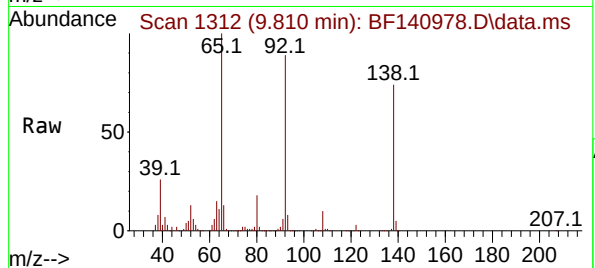
Tgt Ion:154 Resp: 1361911
Ion Ratio Lower Upper
154 100
153 111.3 89.2 133.8
152 51.0 40.9 61.3





#53
3-Nitroaniline
Concen: 42.522 ng
RT: 9.810 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

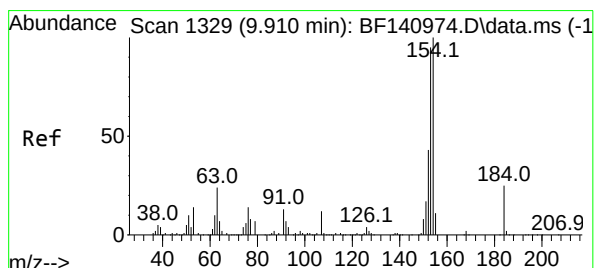
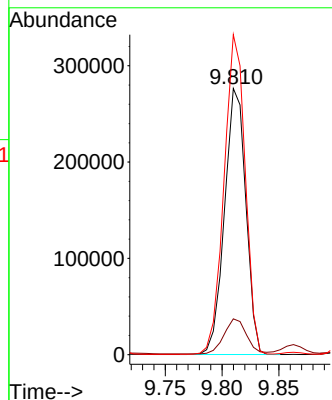
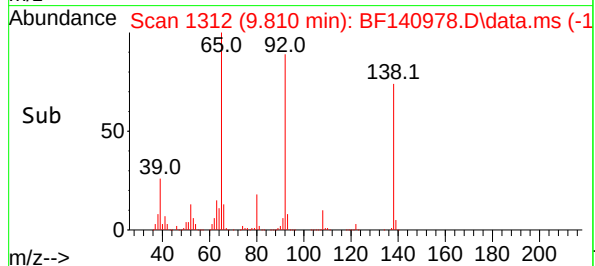
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



Tgt Ion:138 Resp: 36049
Ion Ratio Lower Upper
138 100
108 13.4 13.5 20.3
92 120.2 97.7 146.5

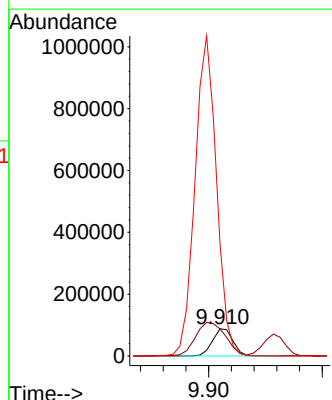
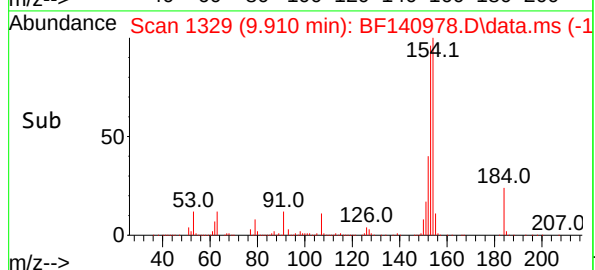
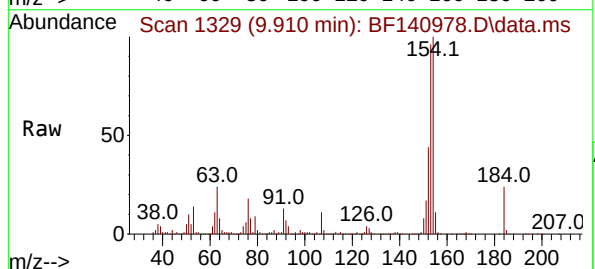
Manual Integrations
APPROVED

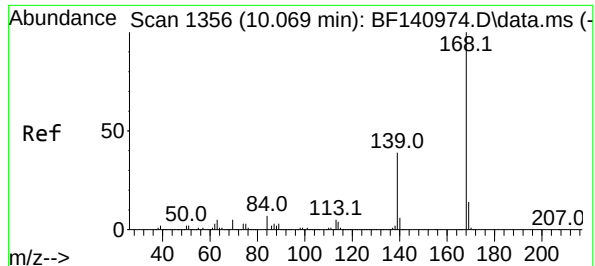
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#54
2,4-Dinitrophenol
Concen: 45.538 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Tgt Ion:184 Resp: 110045
Ion Ratio Lower Upper
184 100
63 99.5 81.6 122.4
154 410.3 363.5 545.3





#55

Dibenzenofuran

Concen: 38.318 ng

RT: 10.069 min Scan# 1356

Delta R.T. 0.000 min

Lab File: BF140978.D

Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624

Tgt Ion:168 Resp: 182581

Ion Ratio Lower Upper

168 100

139 39.2 31.6 47.4

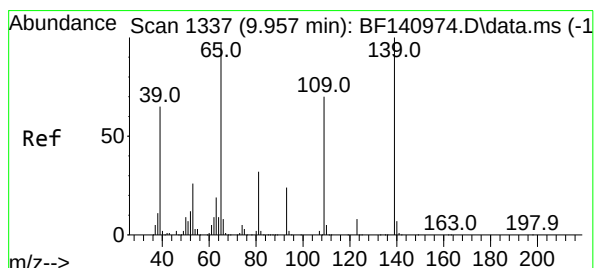
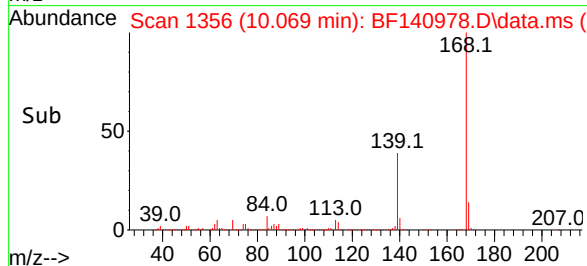
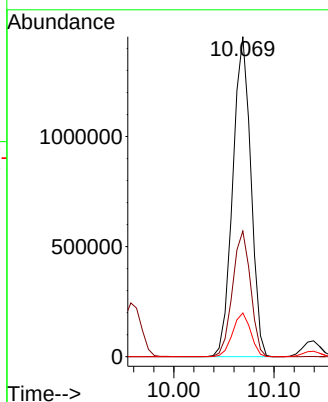
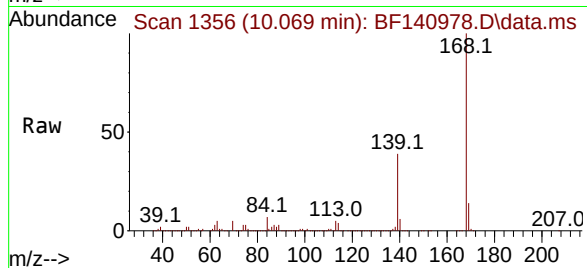
169 13.6 11.0 16.6

Manual Integrations

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Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#56

4-Nitrophenol

Concen: 48.593 ng

RT: 9.957 min Scan# 1337

Delta R.T. 0.000 min

Lab File: BF140978.D

Acq: 26 Dec 2024 19:52

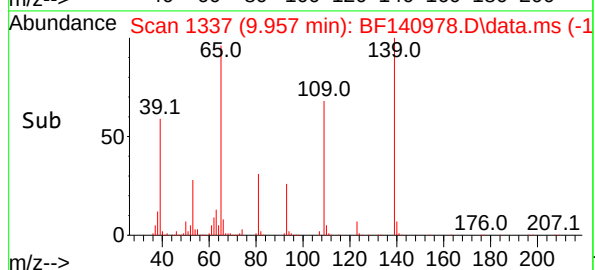
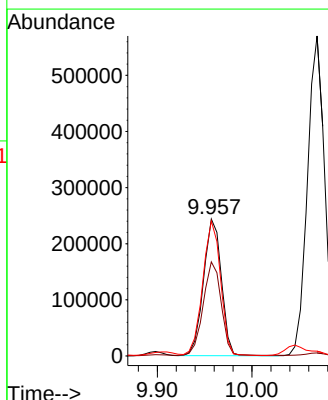
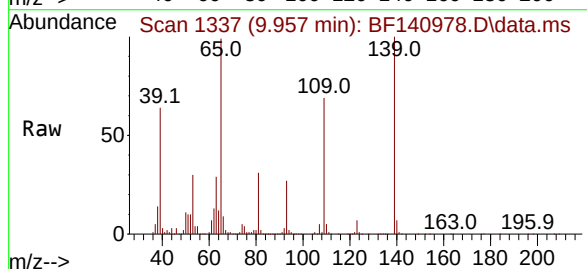
Tgt Ion:139 Resp: 320756

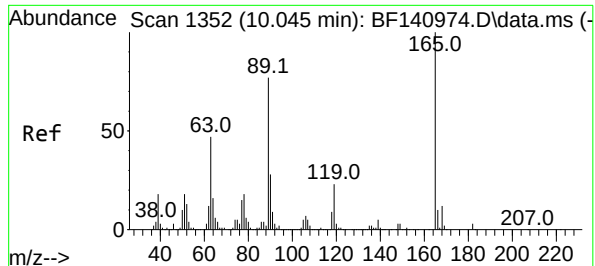
Ion Ratio Lower Upper

139 100

109 68.6 50.8 90.8

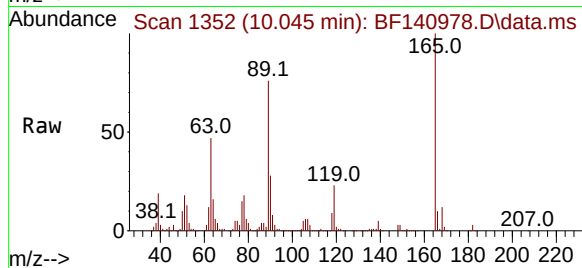
65 98.5 78.5 118.5





#57
2,4-Dinitrotoluene
Concen: 44.506 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

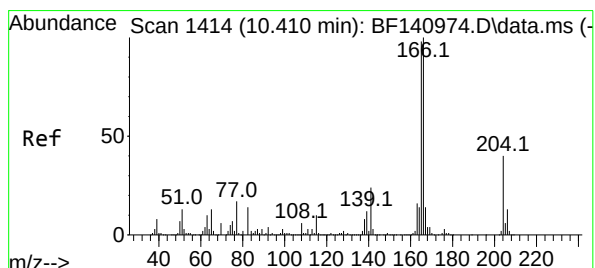
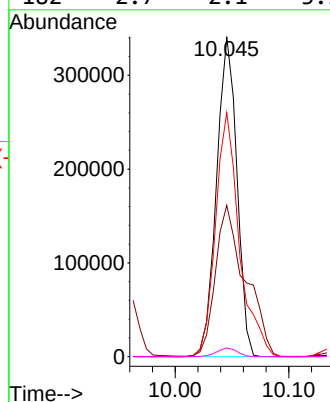
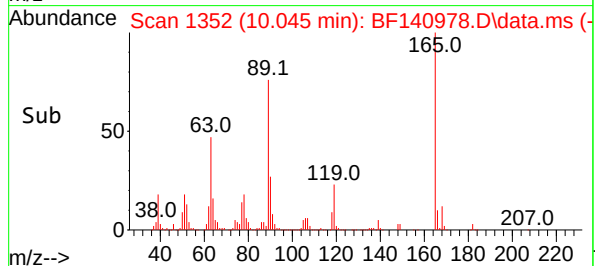
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



Tgt Ion:165 Resp: 42511
Ion Ratio Lower Upper
165 100
63 47.3 38.1 57.1
89 76.3 61.4 92.2
182 2.7 2.1 3.1

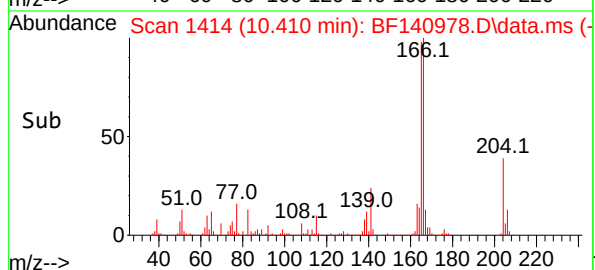
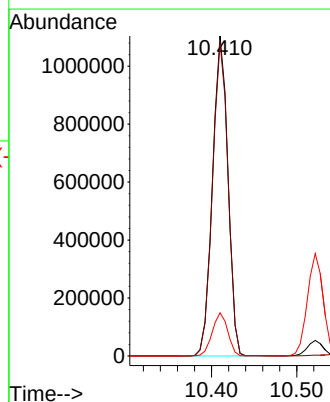
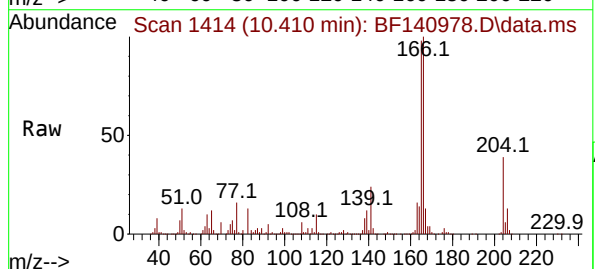
Manual Integrations
APPROVED

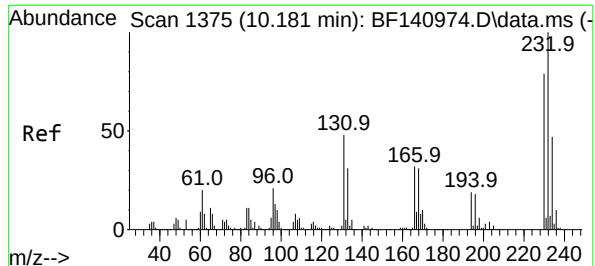
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#58
Fluorene
Concen: 37.668 ng
RT: 10.410 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

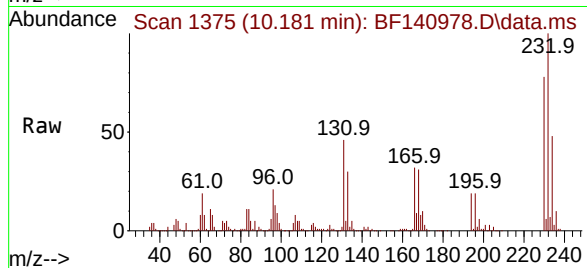
Tgt Ion:166 Resp: 1391829
Ion Ratio Lower Upper
166 100
165 98.0 78.3 117.5
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.681 ng
RT: 10.181 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

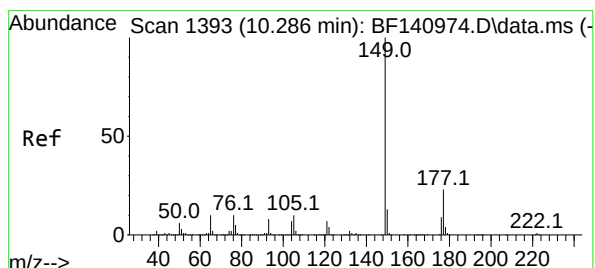
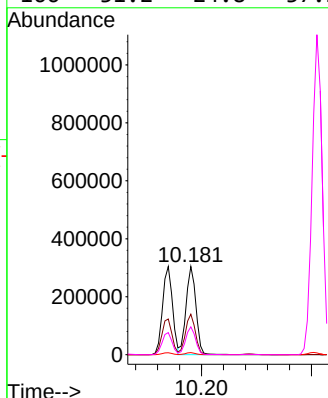
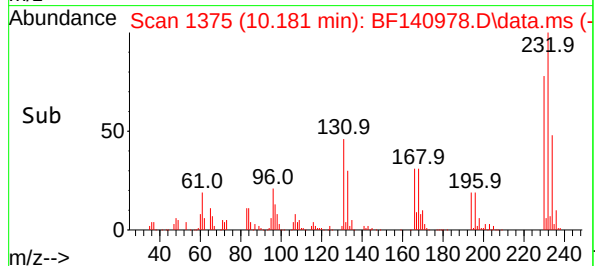
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



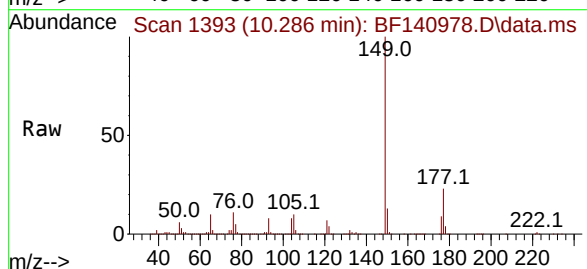
Tgt Ion:232 Resp: 379409
Ion Ratio Lower Upper
232 100
131 45.6 37.4 56.2
130 2.3 1.8 2.8
166 31.2 24.8 37.2

Manual Integrations
APPROVED

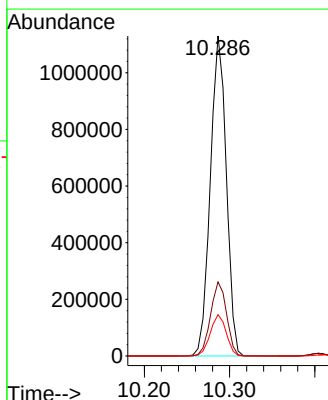
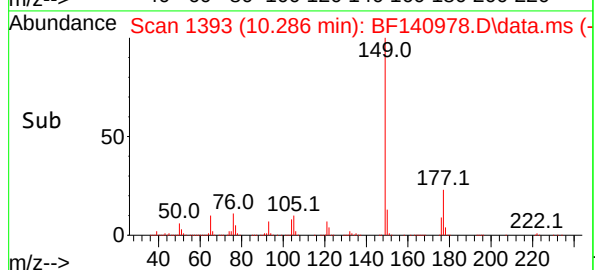
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

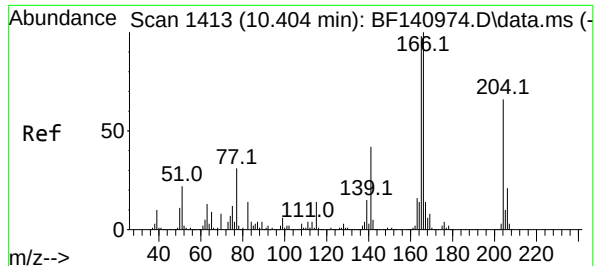


#60
Diethylphthalate
Concen: 38.629 ng
RT: 10.286 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52



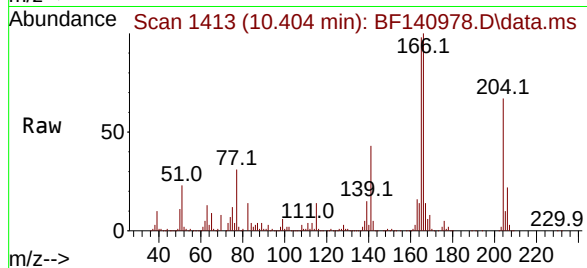
Tgt Ion:149 Resp: 1471636
Ion Ratio Lower Upper
149 100
177 23.1 18.3 27.5
150 12.9 10.4 15.6





#61
4-Chlorophenyl-phenylether
Concen: 37.928 ng
RT: 10.404 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

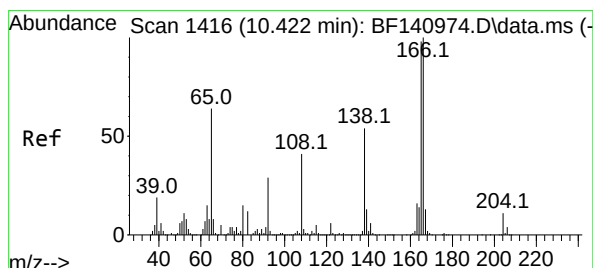
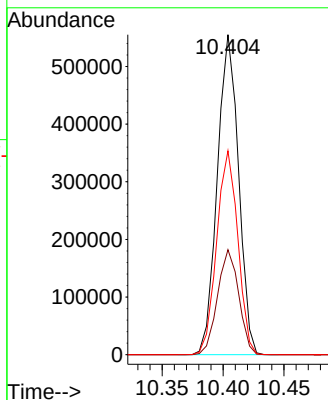
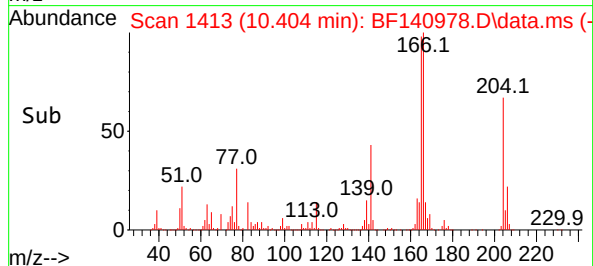
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



Tgt Ion:204 Resp: 67432
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.6
141 63.7 51.2 76.8

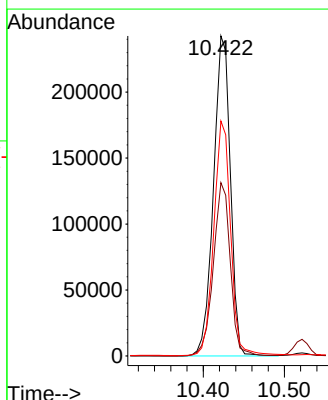
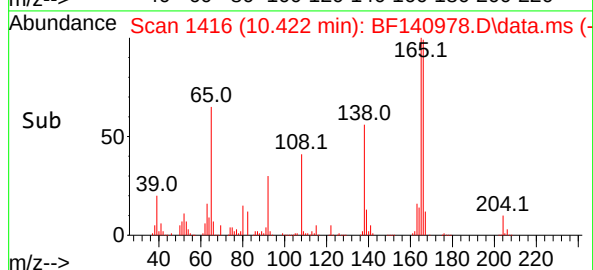
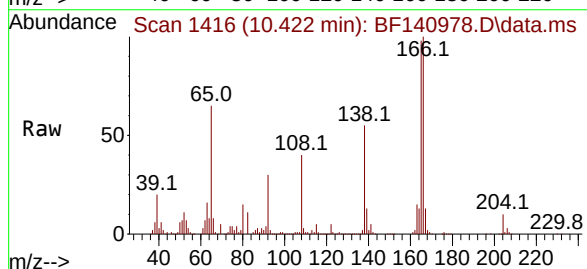
Manual Integrations
APPROVED

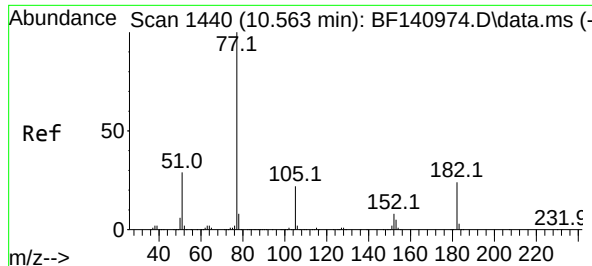
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#62
4-Nitroaniline
Concen: 41.571 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Tgt Ion:138 Resp: 351313
Ion Ratio Lower Upper
138 100
92 54.1 34.8 74.8
108 73.4 55.9 95.9





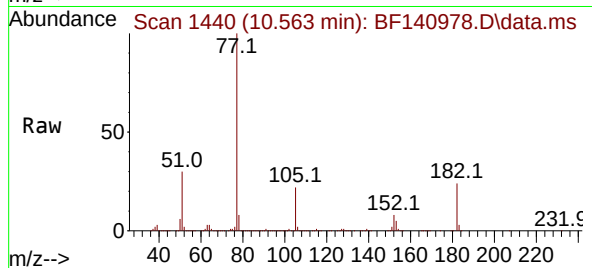
#63
Azobenzene
Concen: 38.471 ng
RT: 10.563 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624

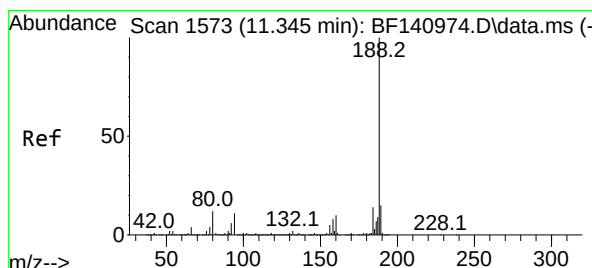
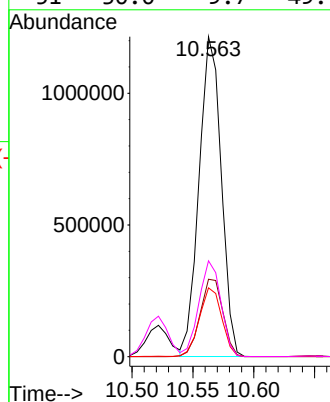
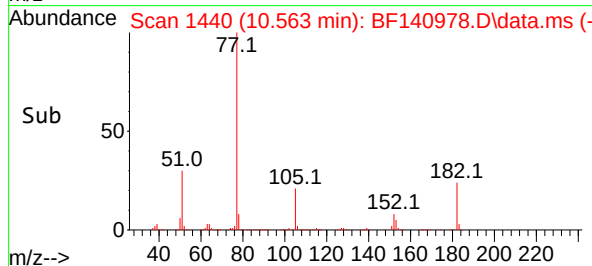


Tgt Ion: 77 Resp: 153832
Ion Ratio Lower Upper
77 100
182 24.2 4.1 44.1
105 21.5 1.8 41.8
51 30.0 9.7 49.7

Manual Integrations

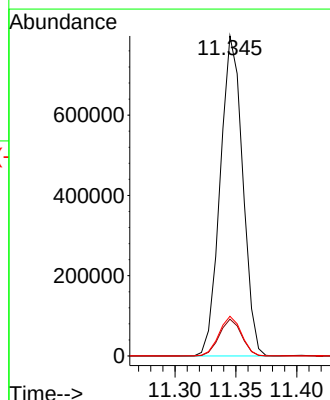
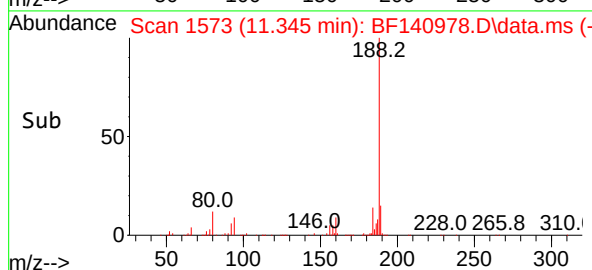
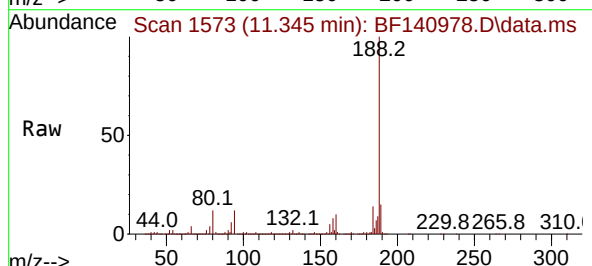
APPROVED

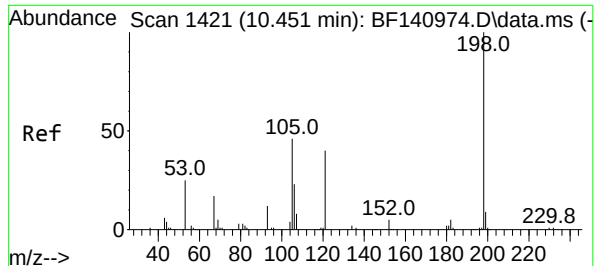
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Tgt Ion:188 Resp: 1025959
Ion Ratio Lower Upper
188 100
94 11.5 9.0 13.6
80 12.4 9.8 14.6





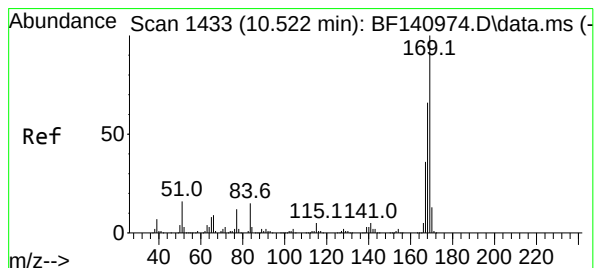
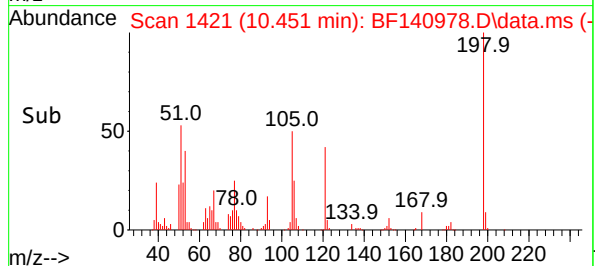
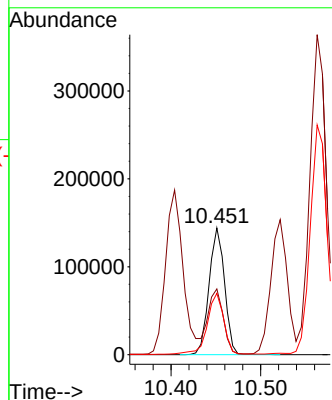
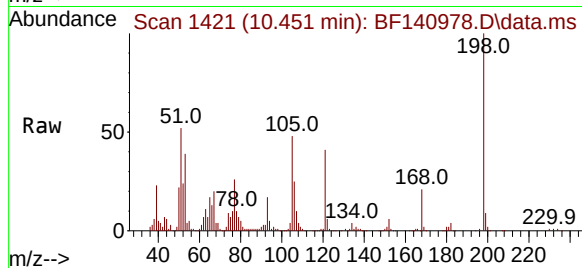
#65
4,6-Dinitro-2-methylphenol
Concen: 43.296 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Instrument :
BNA_F
ClientSampleId :
ICVBF122624

Tgt Ion:198 Resp: 17245
Ion Ratio Lower Upper
198 100
51 51.9 32.3 72.3
105 48.3 28.4 68.4

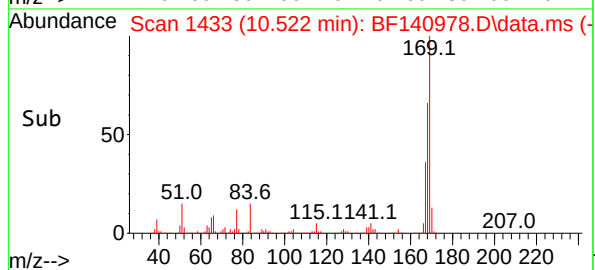
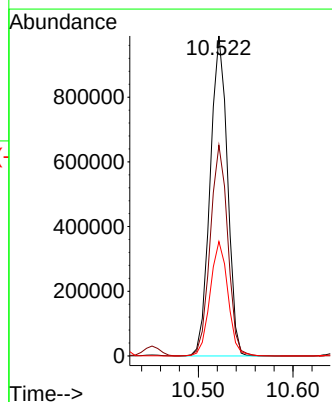
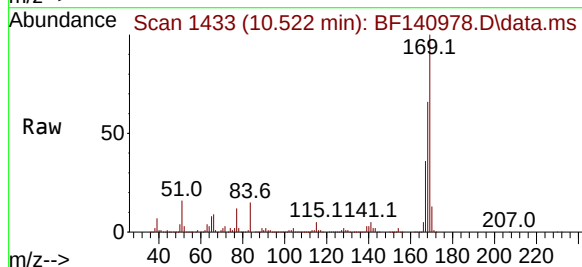
Manual Integrations
APPROVED

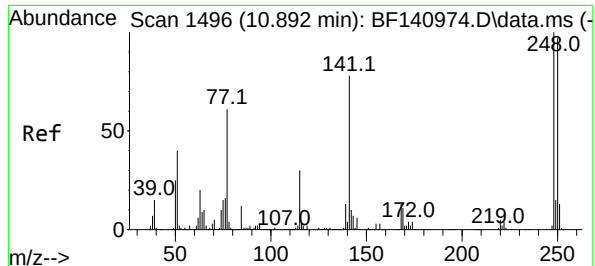
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#66
n-Nitrosodiphenylamine
Concen: 38.777 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

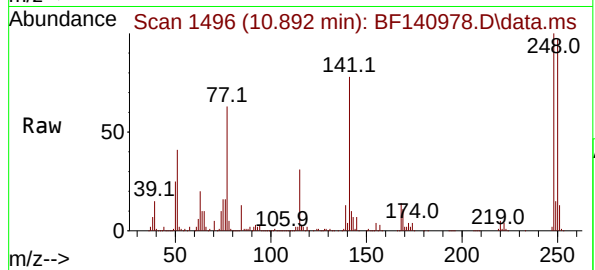
Tgt Ion:169 Resp: 1252782
Ion Ratio Lower Upper
169 100
168 65.8 52.6 79.0
167 35.8 29.0 43.4





#67
4-Bromophenyl-phenylether
Concen: 39.247 ng
RT: 10.892 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

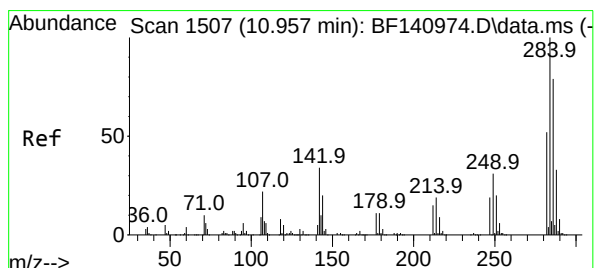
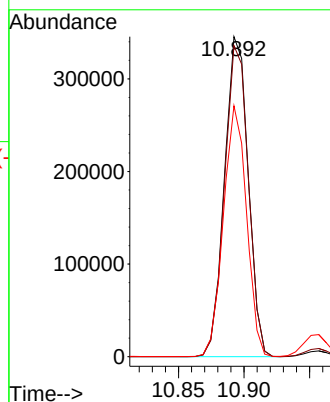
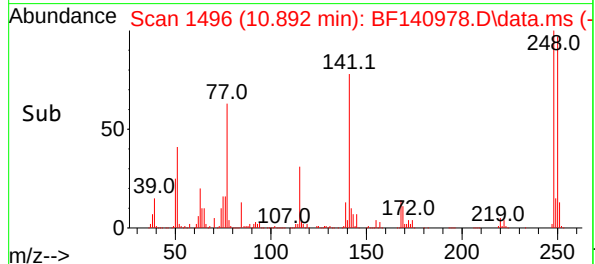
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



Tgt Ion:248 Resp: 435284
Ion Ratio Lower Upper
248 100
250 97.2 77.7 116.5
141 78.4 62.1 93.1

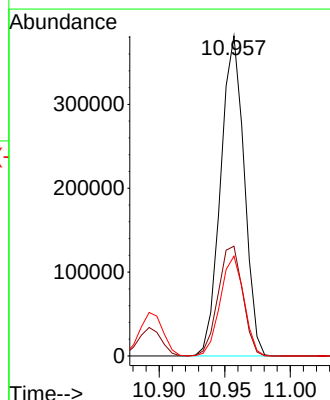
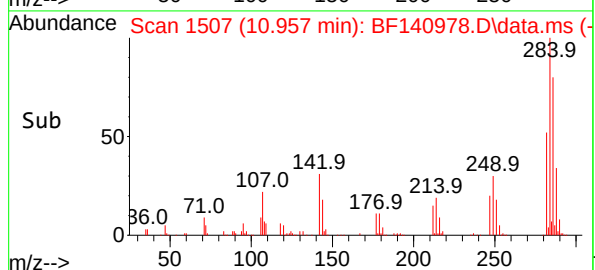
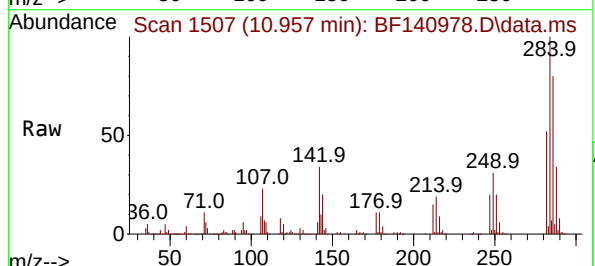
Manual Integrations
APPROVED

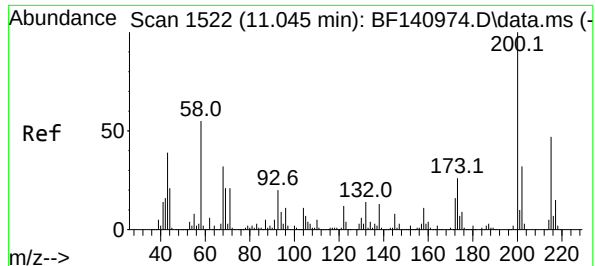
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#68
Hexachlorobenzene
Concen: 38.890 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Tgt Ion:284 Resp: 475602
Ion Ratio Lower Upper
284 100
142 34.3 27.1 40.7
249 31.2 25.1 37.7





#69

Atrazine

Concen: 35.858 ng

RT: 11.045 min Scan# 1522

Delta R.T. 0.000 min

Lab File: BF140978.D

Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624

Tgt Ion:200 Resp: 323638

Ion Ratio Lower Upper

200 100

173 26.2 6.4 46.4

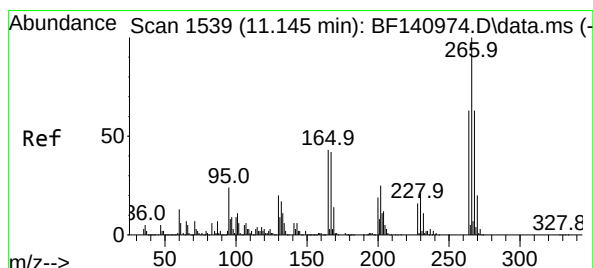
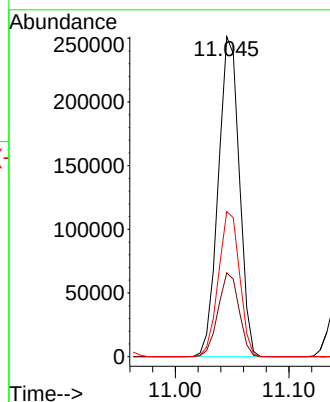
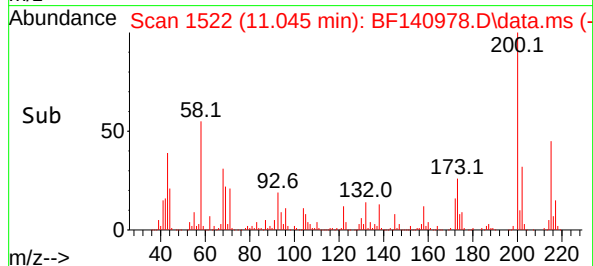
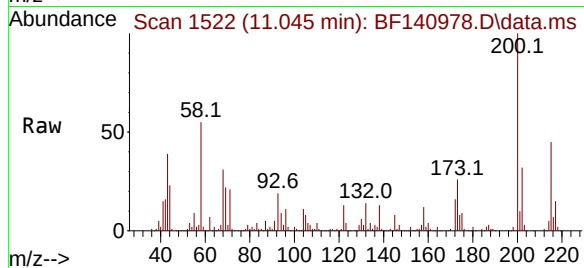
215 45.3 27.2 67.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#70

Pentachlorophenol

Concen: 45.869 ng

RT: 11.145 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF140978.D

Acq: 26 Dec 2024 19:52

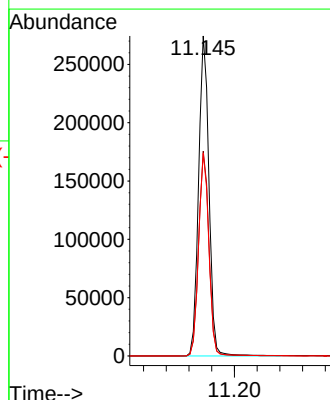
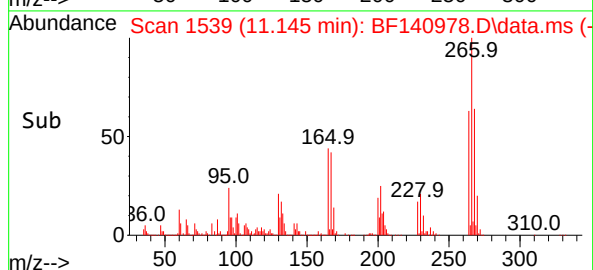
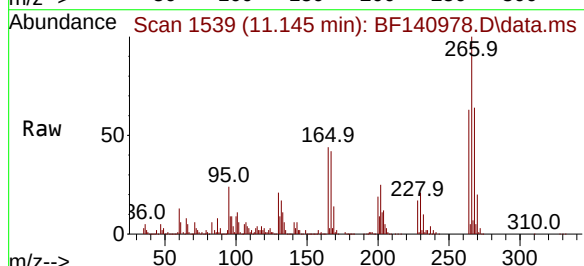
Tgt Ion:266 Resp: 349248

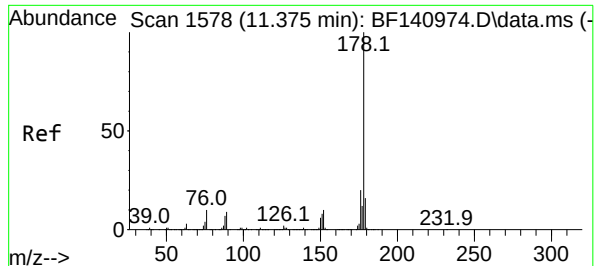
Ion Ratio Lower Upper

266 100

268 64.0 50.5 75.7

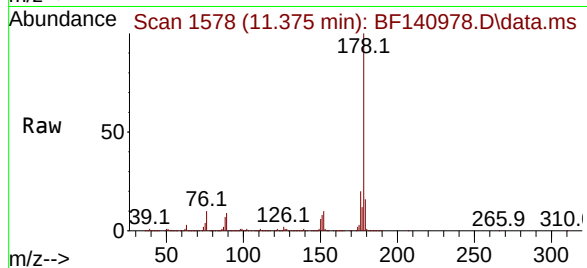
264 63.4 50.2 75.4





#71
Phenanthrene
Concen: 38.373 ng
RT: 11.375 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

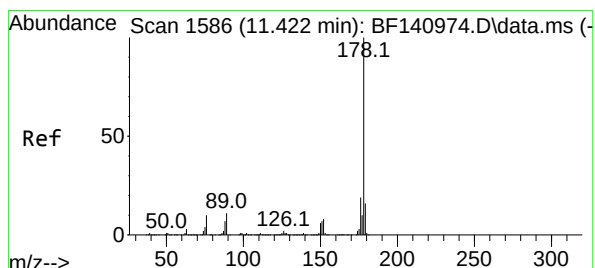
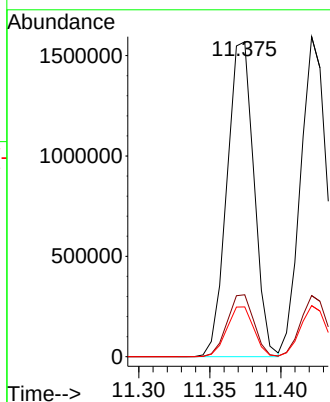
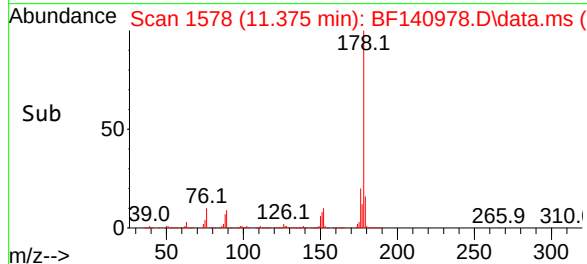
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



Tgt Ion:178 Resp: 207201
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 15.8 12.6 19.0

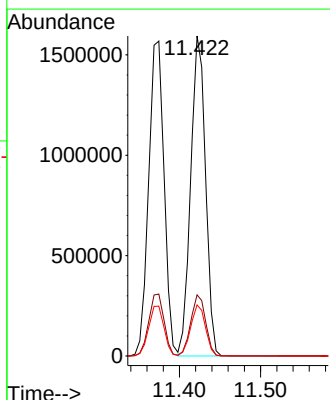
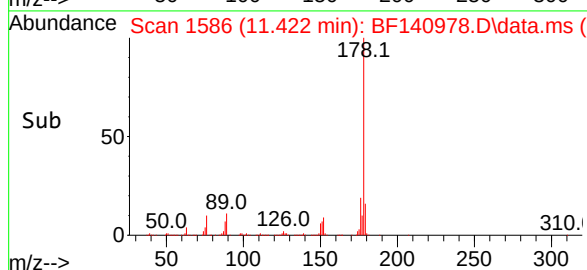
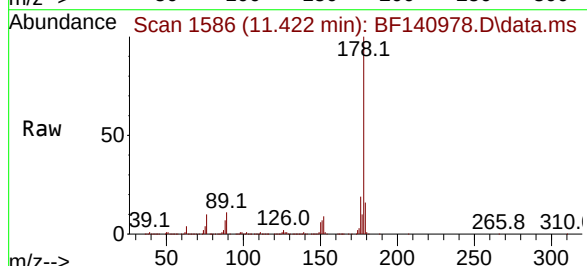
Manual Integrations
APPROVED

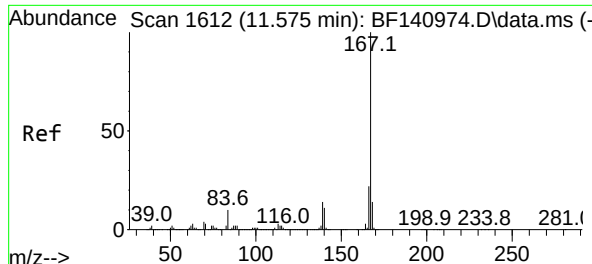
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#72
Anthracene
Concen: 38.325 ng
RT: 11.422 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

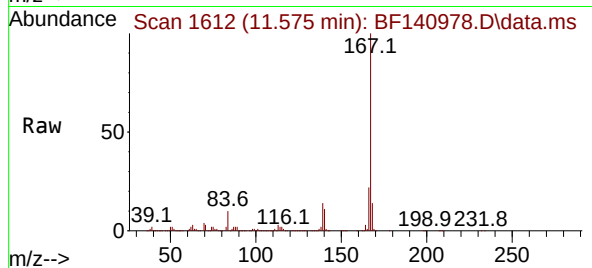
Tgt Ion:178 Resp: 2027823
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 16.0 12.9 19.3





#73
Carbazole
Concen: 38.096 ng
RT: 11.575 min Scan# 1612
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

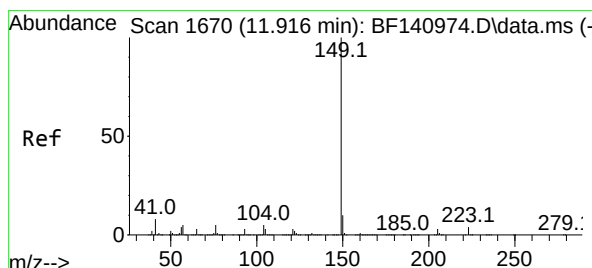
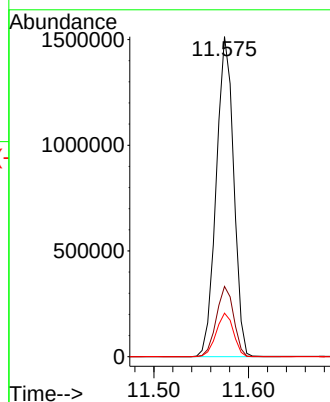
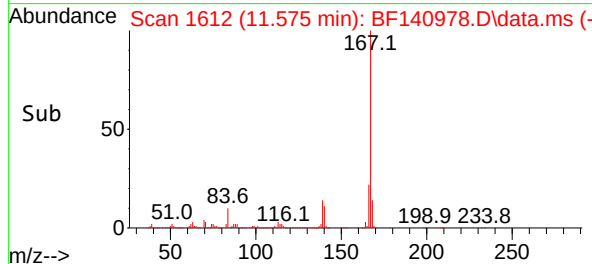
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



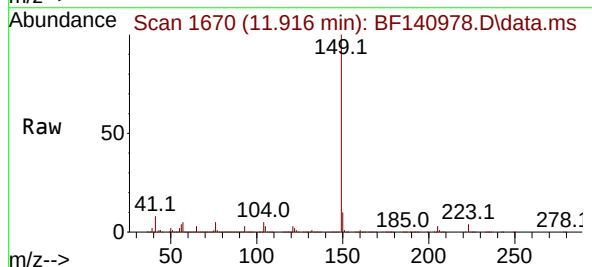
Tgt Ion:167 Resp: 1937732
Ion Ratio Lower Upper
167 100
166 22.0 17.5 26.3
139 13.6 11.0 16.4

Manual Integrations
APPROVED

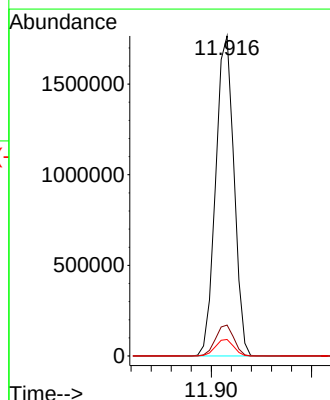
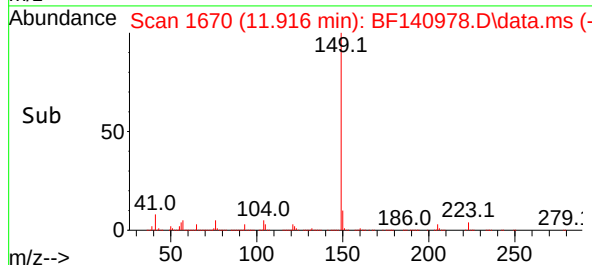
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

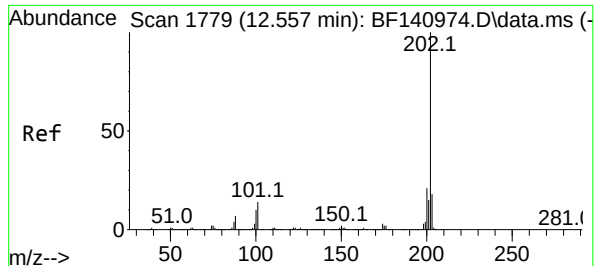


#74
Di-n-butylphthalate
Concen: 38.673 ng
RT: 11.916 min Scan# 1670
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52



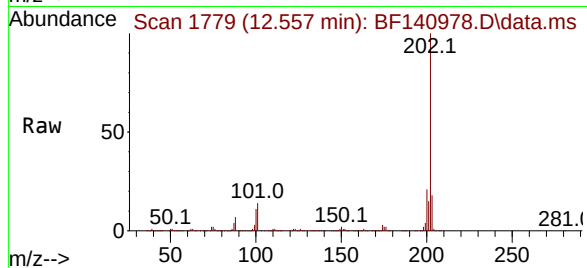
Tgt Ion:149 Resp: 2237362
Ion Ratio Lower Upper
149 100
150 9.6 7.7 11.5
104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 37.724 ng
RT: 12.557 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

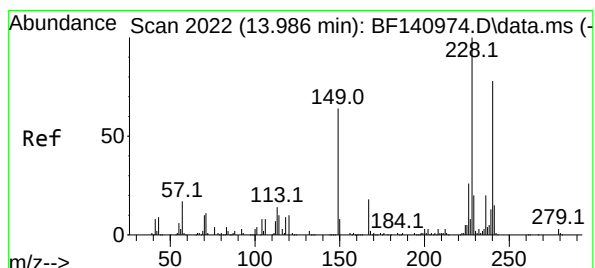
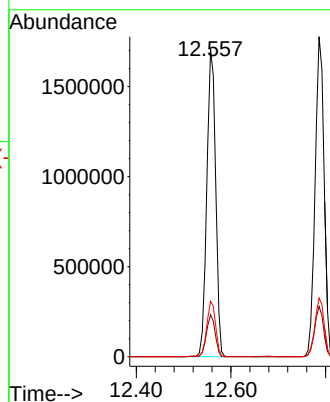
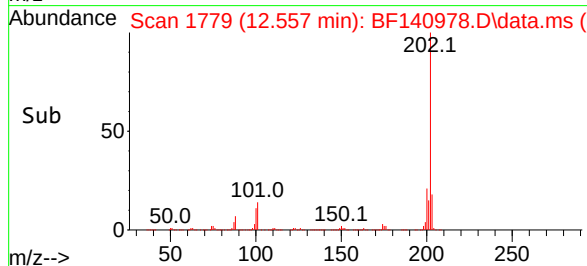
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



Tgt Ion:202 Resp: 220924
Ion Ratio Lower Upper
202 100
101 13.7 0.0 33.7
203 18.1 0.0 38.1

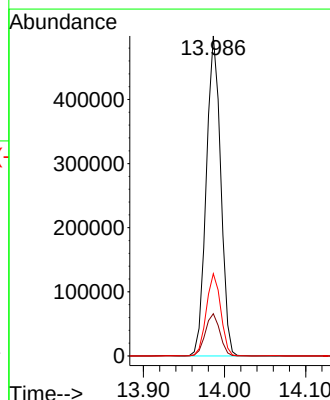
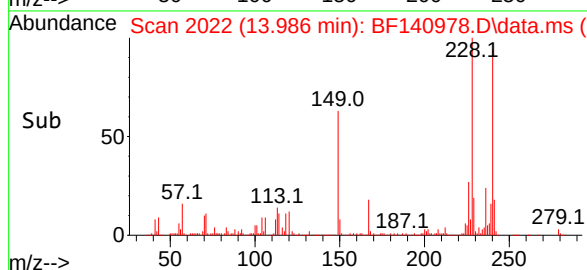
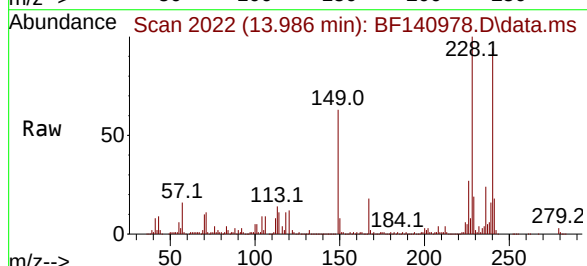
Manual Integrations
APPROVED

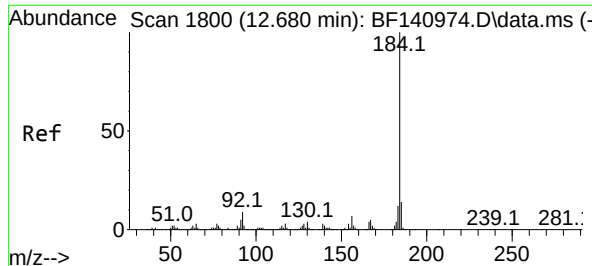
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

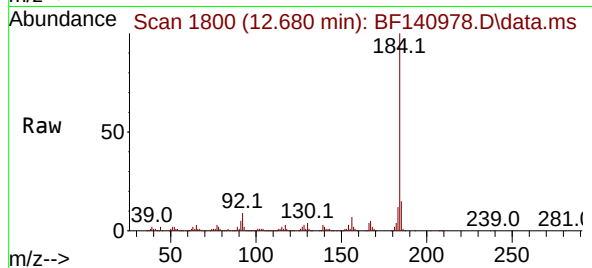
Tgt Ion:240 Resp: 614249
Ion Ratio Lower Upper
240 100
120 13.2 10.7 16.1
236 25.7 20.6 31.0





#77
Benzidine
Concen: 40.101 ng
RT: 12.680 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

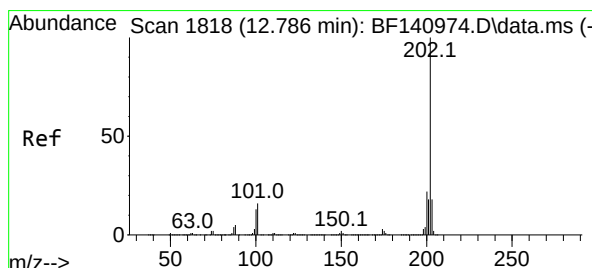
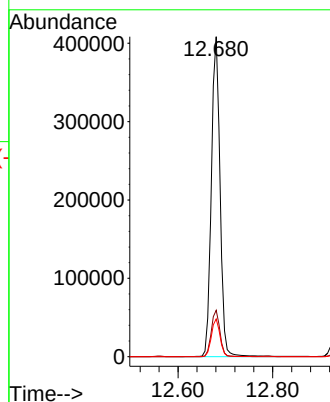
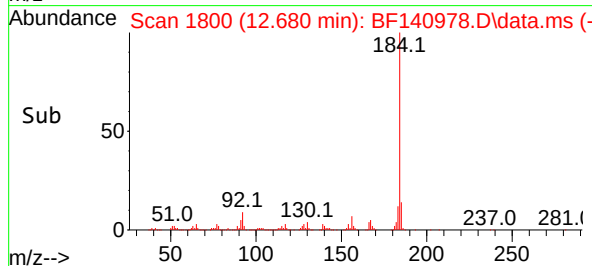
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



Tgt Ion:184 Resp: 520572
Ion Ratio Lower Upper
184 100
185 14.5 11.4 17.2
183 11.8 9.4 14.0

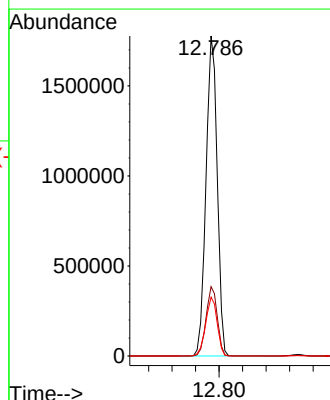
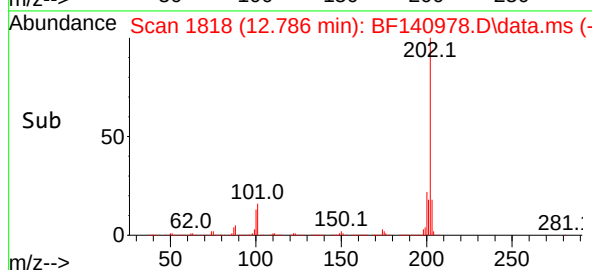
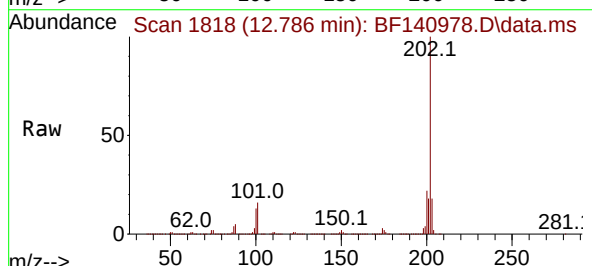
Manual Integrations
APPROVED

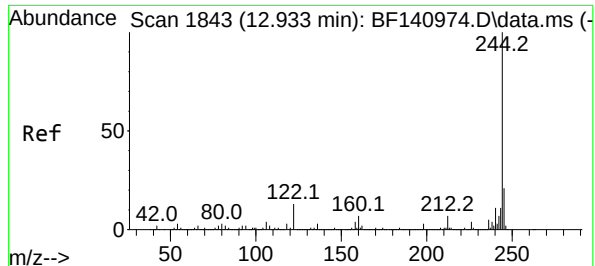
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#78
Pyrene
Concen: 43.575 ng
RT: 12.786 min Scan# 1818
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Tgt Ion:202 Resp: 2340872
Ion Ratio Lower Upper
202 100
200 21.7 17.3 25.9
203 18.4 14.6 21.8





#79

Terphenyl-d14

Concen: 83.347 ng

RT: 12.933 min Scan# 1843

Delta R.T. 0.000 min

Lab File: BF140978.D

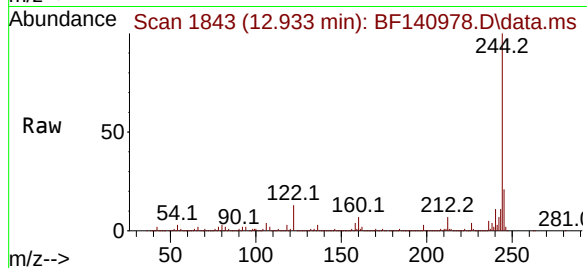
Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624



Tgt Ion:244 Resp: 308224

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

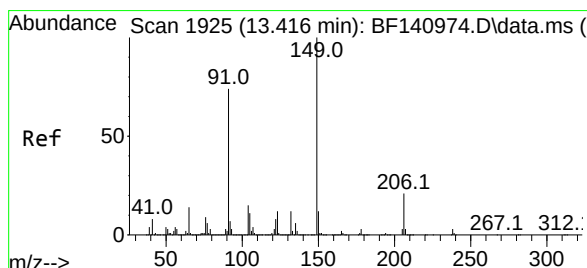
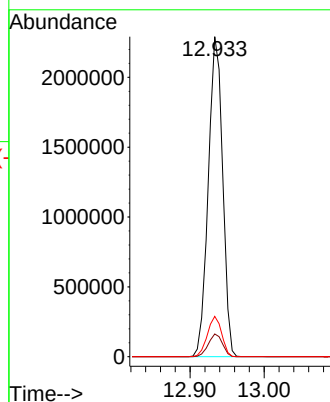
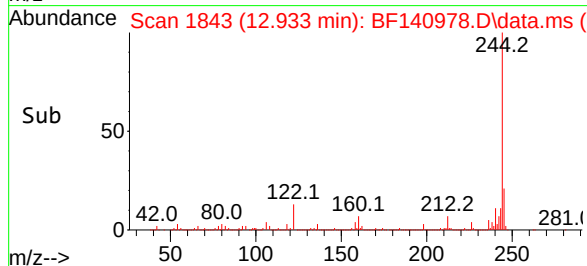
122 12.6 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#80

Butylbenzylphthalate

Concen: 43.715 ng

RT: 13.410 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BF140978.D

Acq: 26 Dec 2024 19:52

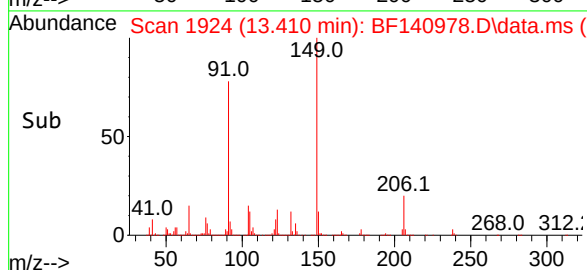
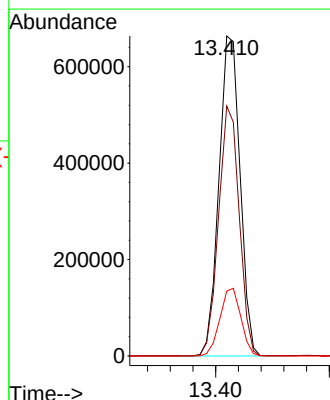
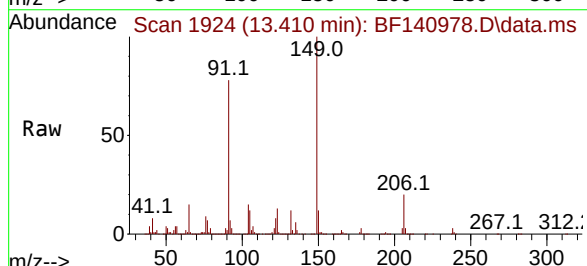
Tgt Ion:149 Resp: 857532

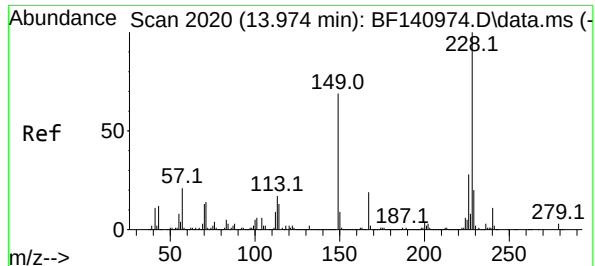
Ion Ratio Lower Upper

149 100

91 78.1 59.5 89.3

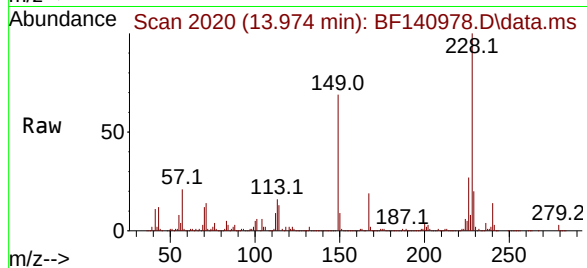
206 20.3 17.1 25.7





#81
Benzo(a)anthracene
Concen: 37.941 ng
RT: 13.974 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

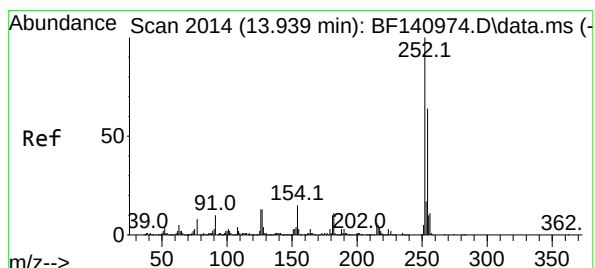
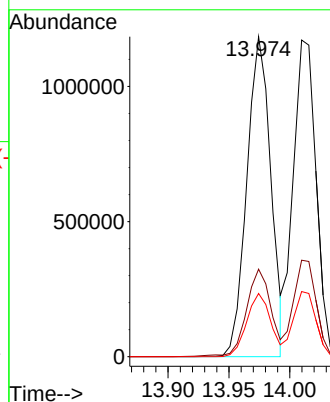
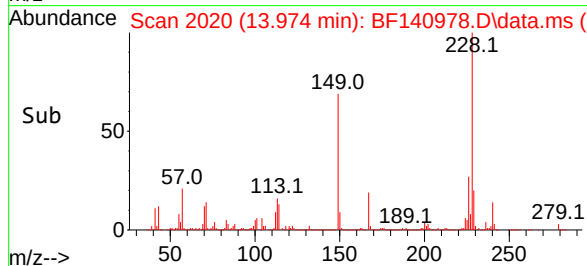
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



Tgt Ion:228 Resp: 162424
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 19.7 16.2 24.2

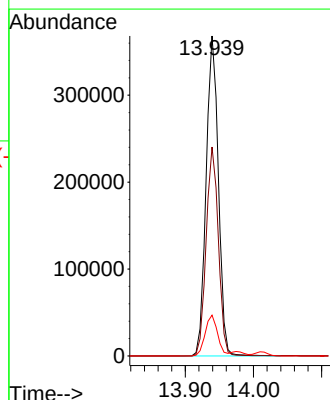
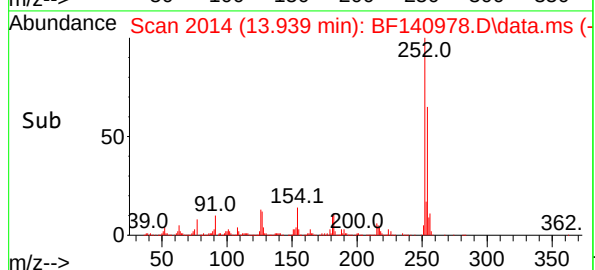
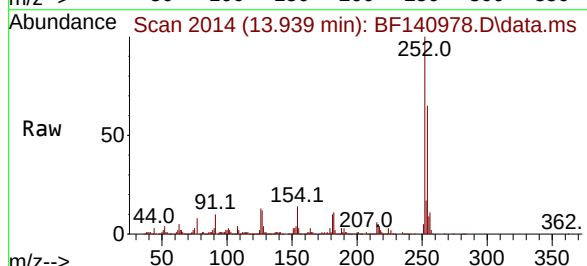
Manual Integrations
APPROVED

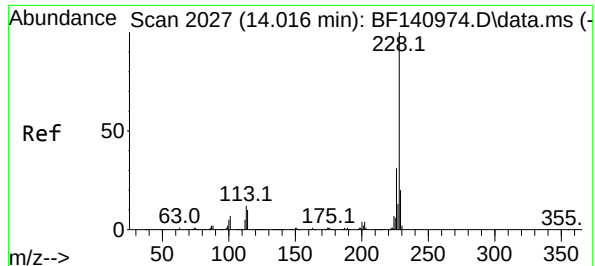
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#82
3,3'-Dichlorobenzidine
Concen: 35.805 ng
RT: 13.939 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Tgt Ion:252 Resp: 460524
Ion Ratio Lower Upper
252 100
254 65.3 51.5 77.3
126 12.7 10.3 15.5





#83

Chrysene

Concen: 39.695 ng

RT: 14.010 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF140978.D

Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624

Tgt Ion:228 Resp: 1531898

Ion Ratio Lower Upper

228 100

226 30.5 24.5 36.7

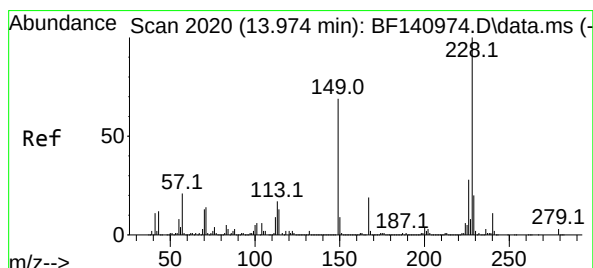
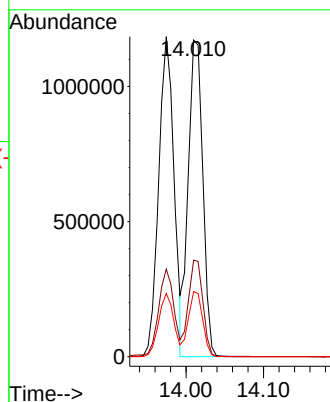
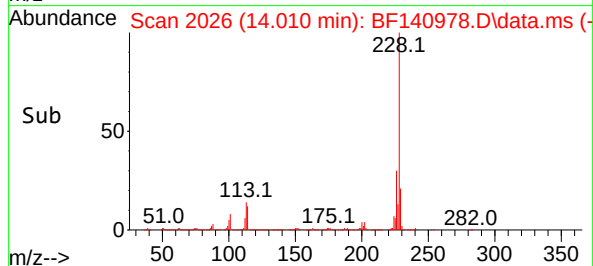
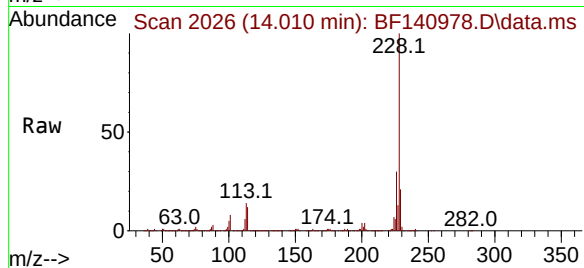
229 20.5 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.713 ng

RT: 13.974 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF140978.D

Acq: 26 Dec 2024 19:52

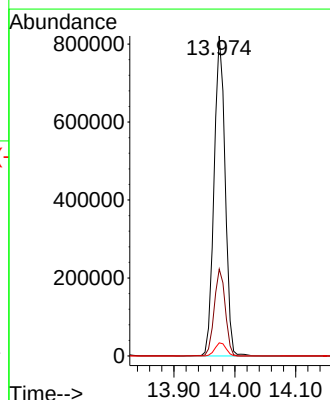
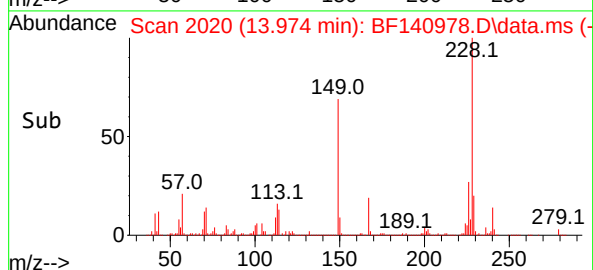
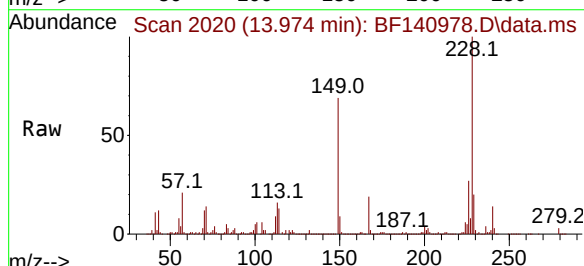
Tgt Ion:149 Resp: 1035953

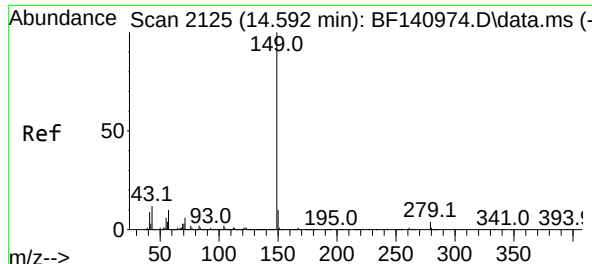
Ion Ratio Lower Upper

149 100

167 27.1 21.6 32.4

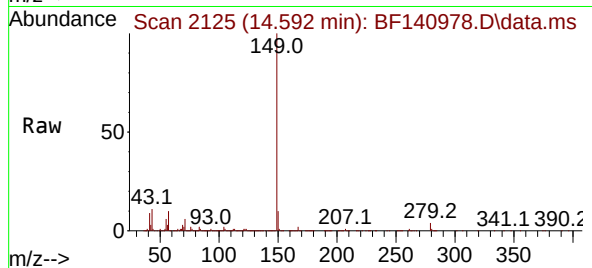
279 4.1 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 39.285 ng
RT: 14.592 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

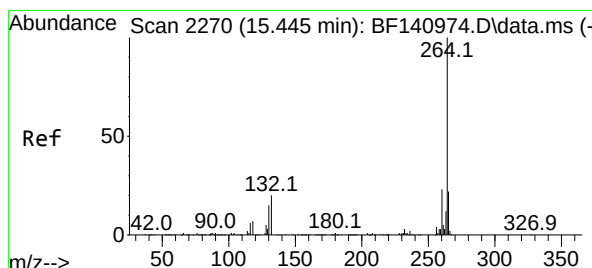
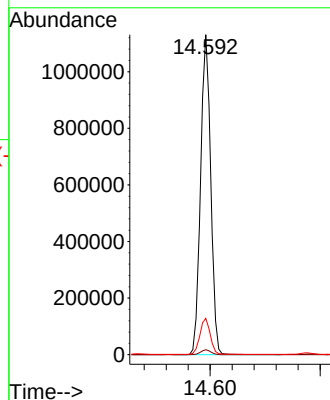
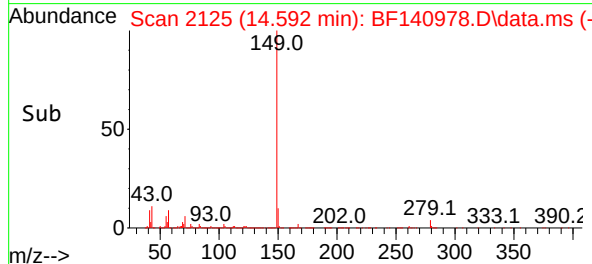
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



Tgt Ion:149 Resp: 144678
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.4 9.3 13.9

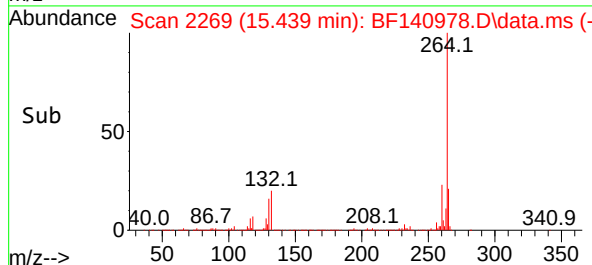
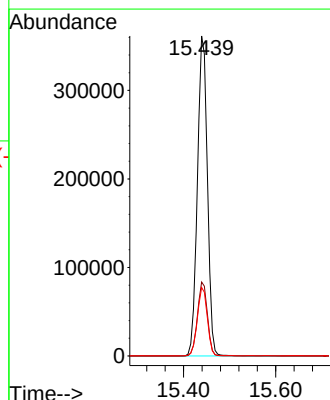
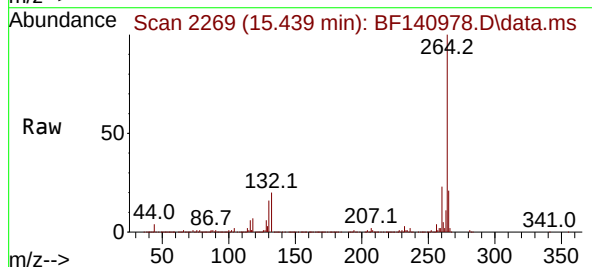
Manual Integrations
APPROVED

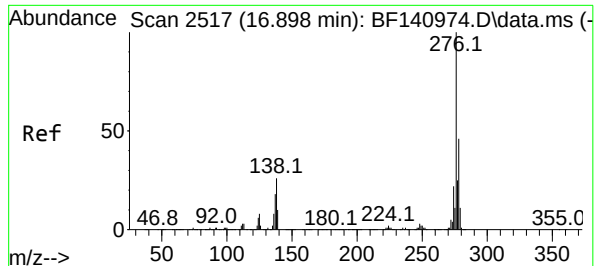
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

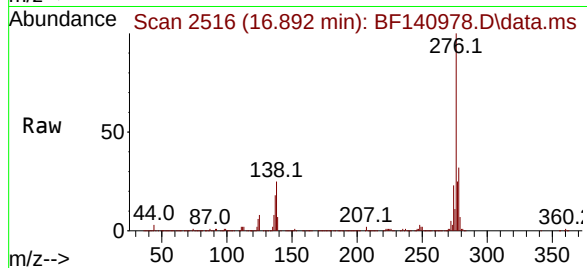
Tgt Ion:264 Resp: 543067
Ion Ratio Lower Upper
264 100
260 23.1 18.7 28.1
265 21.4 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 44.255 ng
RT: 16.892 min Scan# 216
Delta R.T. -0.006 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

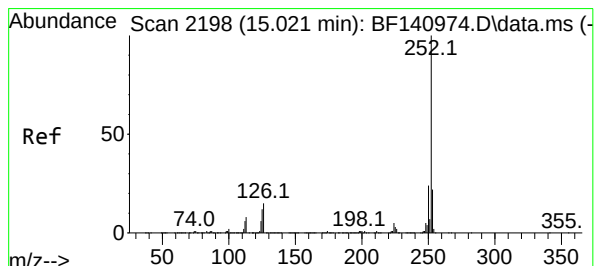
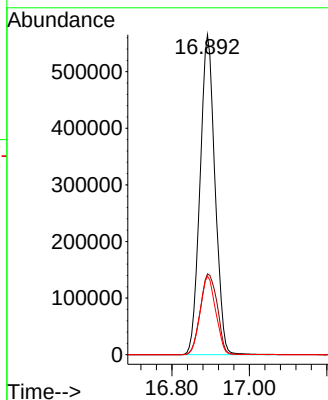
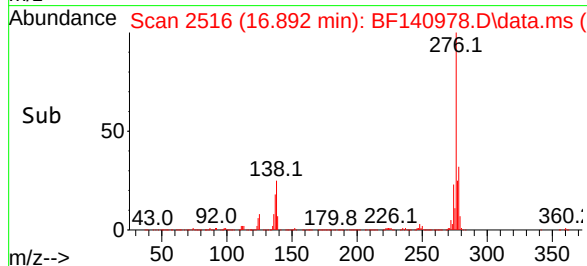
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



Tgt Ion:276 Resp: 151416
Ion Ratio Lower Upper
276 100
138 28.7 23.1 34.7
277 25.5 20.4 30.6

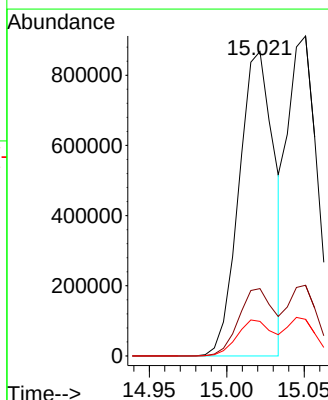
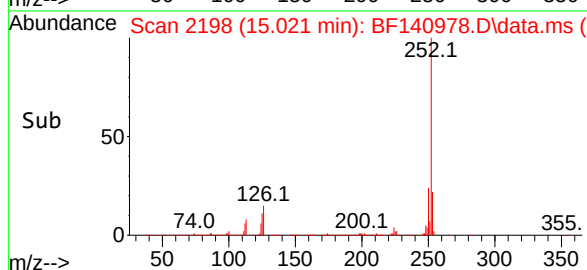
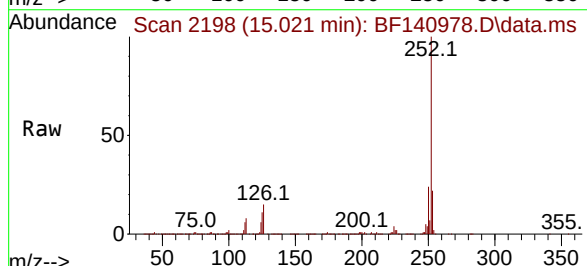
Manual Integrations
APPROVED

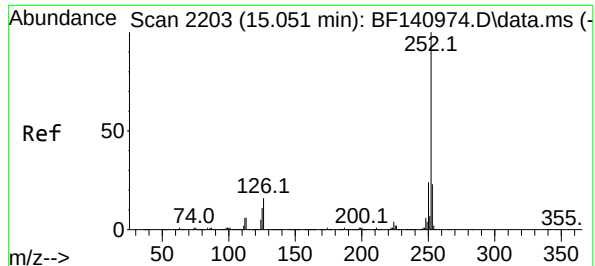
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#88
Benzo(b)fluoranthene
Concen: 36.115 ng
RT: 15.021 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Tgt Ion:252 Resp: 1367890
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 11.3 9.3 13.9





#89

Benzo(k)fluoranthene

Concen: 40.555 ng

RT: 15.051 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140978.D

Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624

Tgt Ion:252 Resp: 120391

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

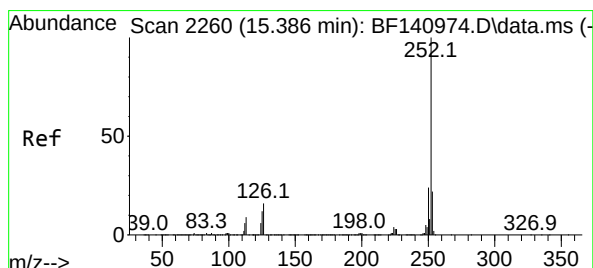
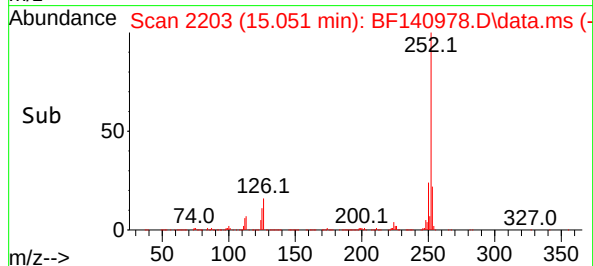
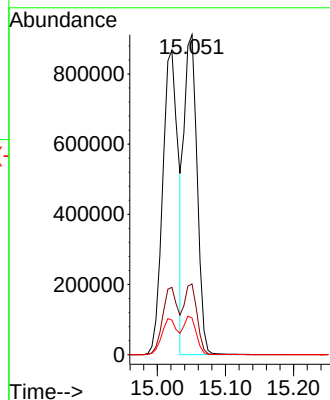
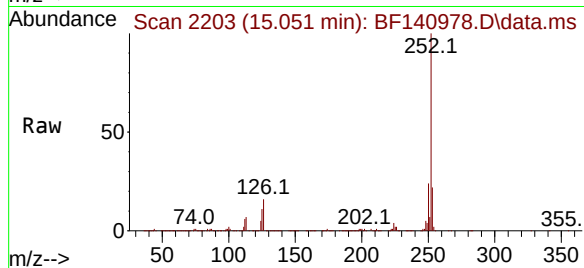
125 11.4 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#90

Benzo(a)pyrene

Concen: 38.510 ng

RT: 15.380 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF140978.D

Acq: 26 Dec 2024 19:52

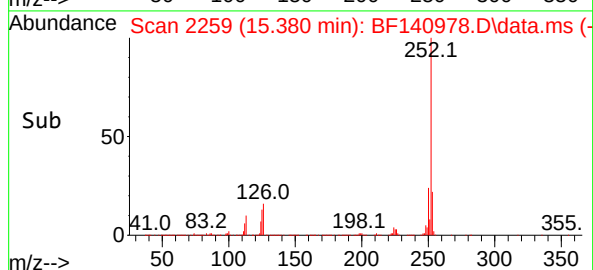
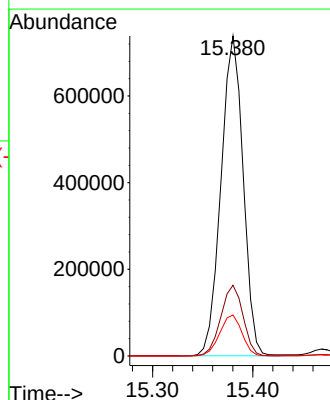
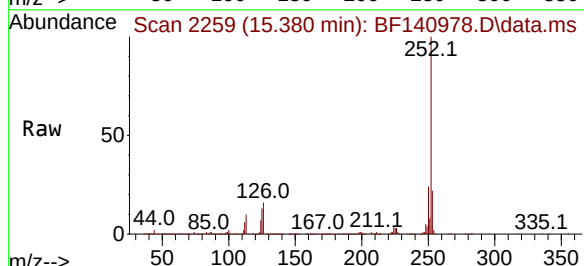
Tgt Ion:252 Resp: 1132116

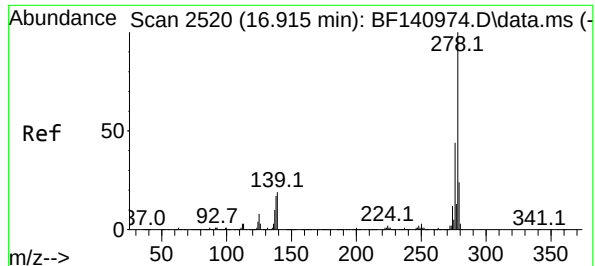
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

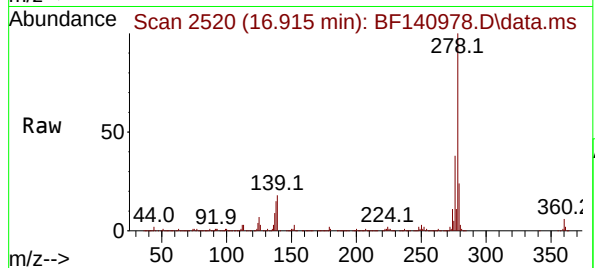
125 12.8 9.8 14.8





#91
Dibenzo(a,h)anthracene
Concen: 44.756 ng
RT: 16.915 min Scan# 2520
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

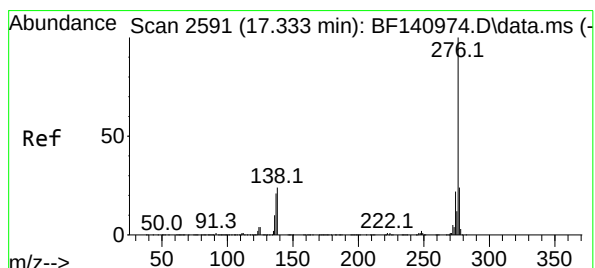
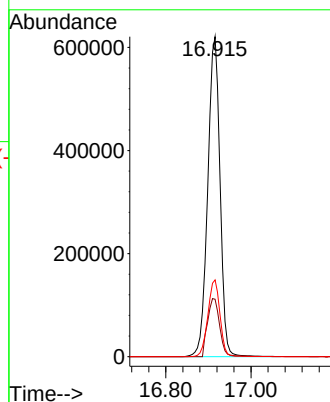
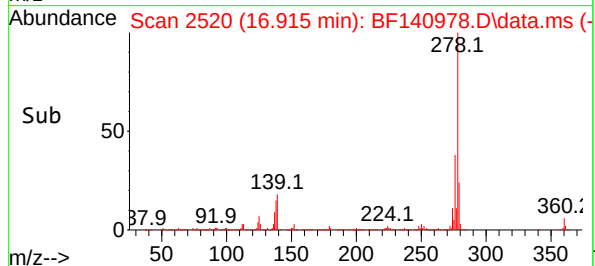
Instrument :
BNA_F
Client Sample Id :
ICVBF122624



Tgt Ion: 278 Resp: 1241284
Ion Ratio Lower Upper
278 100
139 18.0 14.9 22.3
279 24.0 19.0 28.6

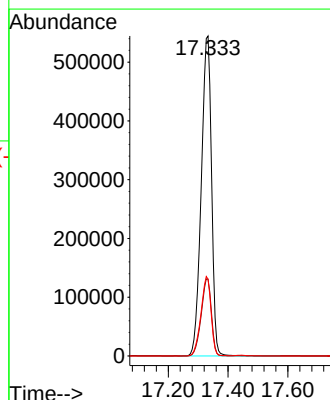
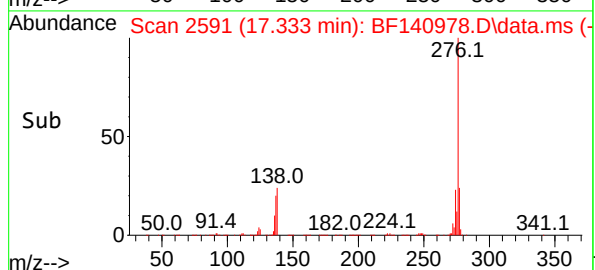
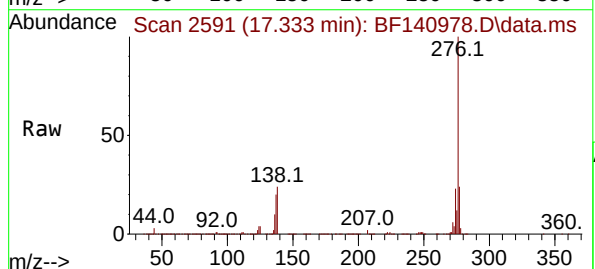
Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 12/27/2024
Supervised By : mohammad ahmed 12/27/2024



#92
Benzo(g,h,i)perylene
Concen: 45.122 ng
RT: 17.333 min Scan# 2591
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Tgt Ion: 276 Resp: 1297980
Ion Ratio Lower Upper
276 100
277 24.0 19.0 28.4
138 24.0 19.4 29.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122624\
 Data File : BF140978.D
 Acq On : 26 Dec 2024 19:52
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122624

Quant Time: Dec 27 00:40:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 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	106	0.00
2	1,4-Dioxane	0.601	0.587	2.3	104	0.00
3	Pyridine	1.468	1.439	2.0	106	0.00
4	n-Nitrosodimethylamine	0.744	0.728	2.2	103	0.01
5 S	2-Fluorophenol	1.327	1.281	3.5	105	0.00
6	Aniline	1.524	1.533	-0.6	100	-0.02
7 S	Phenol-d6	1.709	1.658	3.0	105	0.00
8	2-Chlorophenol	1.399	1.588	-13.5	121	0.00
9	Benzaldehyde	0.941	0.873	7.2	107	0.00
10 C	Phenol	1.767	2.063	-16.8	125	0.00
11	bis(2-Chloroethyl)ether	1.427	1.404	1.6	109	0.00
12	1,3-Dichlorobenzene	1.544	1.500	2.8	105	0.00
13 C	1,4-Dichlorobenzene	1.556	1.580	-1.5	110	0.00
14	1,2-Dichlorobenzene	1.451	1.406	3.1	105	0.00
15	Benzyl Alcohol	1.228	1.221	0.6	105	0.00
16	2,2'-oxybis(1-Chloropropane	2.158	2.068	4.2	103	0.00
17	2-Methylphenol	1.162	1.151	0.9	106	0.00
18	Hexachloroethane	0.553	0.553	0.0	107	0.00
19 P	n-Nitroso-di-n-propylamine	1.047	1.069	-2.1	112	0.00
20	3+4-Methylphenols	1.471	1.446	1.7	105	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	105	0.00
22	Acetophenone	0.491	0.465	5.3	104	0.00
23 S	Nitrobenzene-d5	0.313	0.357	-14.1	115	0.00
24	Nitrobenzene	0.349	0.385	-10.3	110	0.00
25	Isophorone	0.680	0.655	3.7	105	0.00
26 C	2-Nitrophenol	0.118	0.152	-28.8#	126	0.00
27	2,4-Dimethylphenol	0.249	0.248	0.4	108	0.00
28	bis(2-Chloroethoxy)methane	0.431	0.413	4.2	104	0.00
29 C	2,4-Dichlorophenol	0.282	0.284	-0.7	107	0.00
30	1,2,4-Trichlorobenzene	0.319	0.329	-3.1	110	0.00
31	Naphthalene	1.054	1.014	3.8	104	0.00
32	Benzoic acid	0.178	0.216	-21.3	127	0.00
33	4-Chloroaniline	0.381	0.374	1.8	107	0.00
34 C	Hexachlorobutadiene	0.188	0.184	2.1	106	0.00
35	Caprolactam	0.096	0.096	0.0	107	0.00
36 C	4-Chloro-3-methylphenol	0.313	0.334	-6.7	113	0.00
37	2-Methylnaphthalene	0.674	0.646	4.2	105	0.00
38	1-Methylnaphthalene	0.663	0.629	5.1	104	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	106	0.00
40	1,2,4,5-Tetrachlorobenzene	0.550	0.530	3.6	105	0.00
41 P	Hexachlorocyclopentadiene	0.182	0.185	-1.6	105	0.00
42 S	2,4,6-Tribromophenol	0.194	0.201	-3.6	108	0.00
43 C	2,4,6-Trichlorophenol	0.366	0.368	-0.5	107	0.00
44	2,4,5-Trichlorophenol	0.375	0.381	-1.6	106	0.00
45 S	2-Fluorobiphenyl	1.255	1.174	6.5	106	0.00
46	1,1'-Biphenyl	1.531	1.452	5.2	104	0.00
47	2-Chloronaphthalene	1.188	1.141	4.0	106	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122624\
 Data File : BF140978.D
 Acq On : 26 Dec 2024 19:52
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122624

Quant Time: Dec 27 00:40:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 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	0.259	0.332	-28.2#	122	0.00
49	Acenaphthylene	1.710	1.636	4.3	104	0.00
50	Dimethylphthalate	1.316	1.264	4.0	104	0.00
51	2,6-Dinitrotoluene	0.231	0.281	-21.6	116	0.00
52 C	Acenaphthene	1.156	1.161	-0.4	110	0.00
53	3-Nitroaniline	0.255	0.307	-20.4	115	0.00
54 P	2,4-Dinitrophenol	0.075	0.094	-25.3#	138	0.00
55	Dibenzofuran	1.624	1.556	4.2	105	0.00
56 P	4-Nitrophenol	0.225	0.273	-21.3	126	0.00
57	2,4-Dinitrotoluene	0.273	0.362	-32.6#	124	0.00
58	Fluorene	1.260	1.186	5.9	105	0.00
59	2,3,4,6-Tetrachlorophenol	0.310	0.323	-4.2	109	0.00
60	Diethylphthalate	1.299	1.254	3.5	105	0.00
61	4-Chlorophenyl-phenylether	0.606	0.575	5.1	105	0.00
62	4-Nitroaniline	0.255	0.299	-17.3	114	0.00
63	Azobenzene	1.363	1.311	3.8	105	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	105	0.00
65	4,6-Dinitro-2-methylphenol	0.067	0.084	-25.4#	132	0.00
66 c	n-Nitrosodiphenylamine	0.630	0.611	3.0	106	0.00
67	4-Bromophenyl-phenylether	0.216	0.212	1.9	104	0.00
68	Hexachlorobenzene	0.238	0.232	2.5	105	0.00
69	Atrazine	0.176	0.158	10.2	106	0.00
70 C	Pentachlorophenol	0.148	0.170	-14.9	115	0.00
71	Phenanthrene	1.053	1.010	4.1	105	0.00
72	Anthracene	1.031	0.988	4.2	104	0.00
73	Carbazole	0.992	0.944	4.8	104	0.00
74	Di-n-butylphthalate	1.128	1.090	3.4	105	0.00
75 C	Fluoranthene	1.142	1.077	5.7	103	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	94	0.00
77	Benzydine	0.423	0.424	-0.2	96	0.00
78	Pyrene	1.749	1.905	-8.9	106	0.00
79 S	Terphenyl-d14	1.204	1.254	-4.2	104	0.00
80	Butylbenzylphthalate	0.639	0.698	-9.2	100	0.00
81	Benzo(a)anthracene	1.394	1.322	5.2	91	0.00
82	3,3'-Dichlorobenzidine	0.419	0.375	10.5	88	0.00
83	Chrysene	1.257	1.247	0.8	97	0.00
84	Bis(2-ethylhexyl)phthalate	0.828	0.843	-1.8	97	0.00
85 c	Di-n-octyl phthalate	1.199	1.178	1.8	93	0.00
86 I	Perylene-d12	1.000	1.000	0.0	102	0.00
87	Indeno(1,2,3-cd)pyrene	1.260	1.394	-10.6	109	0.00
88	Benzo(b)fluoranthene	1.395	1.259	9.7	91	0.00
89	Benzo(k)fluoranthene	1.093	1.108	-1.4	106	0.00
90 C	Benzo(a)pyrene	1.083	1.042	3.8	100	0.00
91	Dibenzo(a,h)anthracene	1.021	1.143	-11.9	109	0.00
92	Benzo(g,h,i)perylene	1.059	1.195	-12.8	108	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122624\
Data File : BF140978.D
Acq On : 26 Dec 2024 19:52
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF122624

Quant Time: Dec 27 00:40:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:31:16 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)
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(#) = Out of Range

SPCC's out = 0 CCC's out = 1

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122624\
 Data File : BF140978.D
 Acq On : 26 Dec 2024 19:52
 Operator : RC/JU
 Sample : SSTDICV040
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 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	106	0.00
2	1,4-Dioxane	40.000	39.078	2.3	104	0.00
3	Pyridine	40.000	39.221	1.9	106	0.00
4	n-Nitrosodimethylamine	40.000	39.126	2.2	103	0.01
5 S	2-Fluorophenol	80.000	77.230	3.5	105	0.00
6	Aniline	40.000	40.214	-0.5	100	-0.02
7 S	Phenol-d6	80.000	77.619	3.0	105	0.00
8	2-Chlorophenol	40.000	45.402	-13.5	121	0.00
9	Benzaldehyde	40.000	42.275	-5.7	107	0.00
10 C	Phenol	40.000	46.698	-16.7	125	0.00
11	bis(2-Chloroethyl)ether	40.000	39.366	1.6	109	0.00
12	1,3-Dichlorobenzene	40.000	38.861	2.8	105	0.00
13 C	1,4-Dichlorobenzene	40.000	40.612	-1.5	110	0.00
14	1,2-Dichlorobenzene	40.000	38.772	3.1	105	0.00
15	Benzyl Alcohol	40.000	39.751	0.6	105	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	38.326	4.2	103	0.00
17	2-Methylphenol	40.000	39.617	1.0	106	0.00
18	Hexachloroethane	40.000	40.027	-0.1	107	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	40.828	-2.1	112	0.00
20	3+4-Methylphenols	40.000	39.323	1.7	105	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	105	0.00
22	Acetophenone	40.000	37.920	5.2	104	0.00
23 S	Nitrobenzene-d5	80.000	91.412	-14.3	115	0.00
24	Nitrobenzene	40.000	44.060	-10.2	110	0.00
25	Isophorone	40.000	38.534	3.7	105	0.00
26 C	2-Nitrophenol	40.000	43.185	-8.0	126	0.00
27	2,4-Dimethylphenol	40.000	39.926	0.2	108	0.00
28	bis(2-Chloroethoxy)methane	40.000	38.323	4.2	104	0.00
29 C	2,4-Dichlorophenol	40.000	40.280	-0.7	107	0.00
30	1,2,4-Trichlorobenzene	40.000	41.204	-3.0	110	0.00
31	Naphthalene	40.000	38.493	3.8	104	0.00
32	Benzoic acid	40.000	43.158	-7.9	127	0.00
33	4-Chloroaniline	40.000	39.203	2.0	107	0.00
34 C	Hexachlorobutadiene	40.000	39.095	2.3	106	0.00
35	Caprolactam	40.000	40.139	-0.3	107	0.00
36 C	4-Chloro-3-methylphenol	40.000	42.714	-6.8	113	0.00
37	2-Methylnaphthalene	40.000	38.340	4.1	105	0.00
38	1-Methylnaphthalene	40.000	37.974	5.1	104	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	106	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	38.527	3.7	105	0.00
41 P	Hexachlorocyclopentadiene	40.000	40.560	-1.4	105	0.00
42 S	2,4,6-Tribromophenol	80.000	82.713	-3.4	108	0.00
43 C	2,4,6-Trichlorophenol	40.000	40.180	-0.4	107	0.00
44	2,4,5-Trichlorophenol	40.000	40.663	-1.7	106	0.00
45 S	2-Fluorobiphenyl	80.000	74.821	6.5	106	0.00
46	1,1'-Biphenyl	40.000	37.916	5.2	104	0.00
47	2-Chloronaphthalene	40.000	38.442	3.9	106	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122624\
 Data File : BF140978.D
 Acq On : 26 Dec 2024 19:52
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
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Instrument :
 BNA_F
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Quant Time: Dec 27 00:40:05 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 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	43.198	-8.0	122	0.00
49	Acenaphthylene	40.000	38.272	4.3	104	0.00
50	Dimethylphthalate	40.000	38.422	3.9	104	0.00
51	2,6-Dinitrotoluene	40.000	42.386	-6.0	116	0.00
52 C	Acenaphthene	40.000	40.168	-0.4	110	0.00
53	3-Nitroaniline	40.000	42.522	-6.3	115	0.00
54 P	2,4-Dinitrophenol	40.000	45.538	-13.8	138	0.00
55	Dibenzofuran	40.000	38.318	4.2	105	0.00
56 P	4-Nitrophenol	40.000	48.593	-21.5	126	0.00
57	2,4-Dinitrotoluene	40.000	44.506	-11.3	124	0.00
58	Fluorene	40.000	37.668	5.8	105	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	41.681	-4.2	109	0.00
60	Diethylphthalate	40.000	38.629	3.4	105	0.00
61	4-Chlorophenyl-phenylether	40.000	37.928	5.2	105	0.00
62	4-Nitroaniline	40.000	41.571	-3.9	114	0.00
63	Azobenzene	40.000	38.471	3.8	105	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	105	0.00
65	4,6-Dinitro-2-methylphenol	40.000	43.296	-8.2	132	0.00
66 c	n-Nitrosodiphenylamine	40.000	38.777	3.1	106	0.00
67	4-Bromophenyl-phenylether	40.000	39.247	1.9	104	0.00
68	Hexachlorobenzene	40.000	38.890	2.8	105	0.00
69	Atrazine	40.000	35.858	10.4	106	0.00
70 C	Pentachlorophenol	40.000	45.869	-14.7	115	0.00
71	Phenanthrene	40.000	38.373	4.1	105	0.00
72	Anthracene	40.000	38.325	4.2	104	0.00
73	Carbazole	40.000	38.096	4.8	104	0.00
74	Di-n-butylphthalate	40.000	38.673	3.3	105	0.00
75 C	Fluoranthene	40.000	37.724	5.7	103	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	94	0.00
77	Benzydine	40.000	40.101	-0.3	96	0.00
78	Pyrene	40.000	43.575	-8.9	106	0.00
79 S	Terphenyl-d14	80.000	83.347	-4.2	104	0.00
80	Butylbenzylphthalate	40.000	43.715	-9.3	100	0.00
81	Benzo(a)anthracene	40.000	37.941	5.1	91	0.00
82	3,3'-Dichlorobenzidine	40.000	35.805	10.5	88	0.00
83	Chrysene	40.000	39.695	0.8	97	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	40.713	-1.8	97	0.00
85 c	Di-n-octyl phthalate	40.000	39.285	1.8	93	0.00
86 I	Perylene-d12	20.000	20.000	0.0	102	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	44.255	-10.6	109	0.00
88	Benzo(b)fluoranthene	40.000	36.115	9.7	91	0.00
89	Benzo(k)fluoranthene	40.000	40.555	-1.4	106	0.00
90 C	Benzo(a)pyrene	40.000	38.510	3.7	100	0.00
91	Dibenzo(a,h)anthracene	40.000	44.756	-11.9	109	0.00
92	Benzo(g,h,i)perylene	40.000	45.122	-12.8	108	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122624\
Data File : BF140978.D
Acq On : 26 Dec 2024 19:52
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF122624

Quant Time: Dec 27 00:40:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:31:16 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: POWE02

Lab Code: CHEM Case No.: P5382 SAS No.: P5382 SDG No.: P5382

Instrument ID: BNA_F Calibration Date/Time: 12/27/2024 08:19

Lab File ID: BF140981.D Init. Calib. Date(s): 12/26/2024 12/26/2024

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 16:23 19:25

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.327	1.248		-6.0	
Phenol-d6	1.709	1.608		-5.9	
Nitrobenzene-d5	0.313	0.342		9.3	
Naphthalene	1.054	1.008		-4.4	
2-Fluorobiphenyl	1.255	1.200		-4.4	
Fluorene	1.260	1.205		-4.4	
2,4,6-Tribromophenol	0.194	0.203		4.6	
Phenanthrene	1.053	1.012		-3.9	
Anthracene	1.031	0.998		-3.2	
Pyrene	1.749	1.714		-2.0	
Terphenyl-d14	1.204	1.177		-2.2	
Benzo (a) anthracene	1.394	1.358		-2.6	
Chrysene	1.257	1.198		-4.7	
Benzo (b) fluoranthene	1.395	1.305		-6.5	
Benzo (a) pyrene	1.083	1.046		-3.4	20.0
Indeno (1,2,3-cd) pyrene	1.260	1.328		5.4	
Benzo (g,h,i) perylene	1.059	1.145		8.1	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
 Data File : BF140981.D
 Acq On : 27 Dec 2024 08:19
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Dec 27 10:37:13 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Dec 27 00:31:16 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	281239	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1080103	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	567563	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	1005111	20.000	ng	0.00
76) Chrysene-d12	13.986	240	657302	20.000	ng	0.00
86) Perylene-d12	15.439	264	544134	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1403403	75.219	ng	0.00
7) Phenol-d6	6.451	99	1808462	75.243	ng	0.00
23) Nitrobenzene-d5	7.393	82	1477510	87.518	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	461893	83.751	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	2724506	76.481	ng	0.00
79) Terphenyl-d14	12.933	244	3094810	78.206	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.558	88	332243	39.333	ng	99
3) Pyridine	3.299	79	808267	39.155	ng	100
4) n-Nitrosodimethylamine	3.246	42	406238	38.840	ng	98
6) Aniline	6.493	93	869338	40.556	ng	100
8) 2-Chlorophenol	6.610	128	755726	38.419	ng	99
9) Benzaldehyde	6.375	77	468157	39.803	ng	100
10) Phenol	6.463	94	953139m	38.352	ng	
11) bis(2-Chloroethyl)ether	6.563	93	736833	36.719	ng	100
12) 1,3-Dichlorobenzene	6.769	146	831597	38.307	ng	99
13) 1,4-Dichlorobenzene	6.846	146	839774	38.373	ng	100
14) 1,2-Dichlorobenzene	6.998	146	779577	38.206	ng	100
15) Benzyl Alcohol	6.969	79	651382	37.714	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1144166	37.702	ng	99
17) 2-Methylphenol	7.075	107	622852	38.114	ng	100
18) Hexachloroethane	7.346	117	300838	38.697	ng	99
19) n-Nitroso-di-n-propyla...	7.246	70	542447	36.840	ng	99
20) 3+4-Methylphenols	7.228	107	778437	37.641	ng	98
22) Acetophenone	7.240	105	1009919	38.115	ng	100
24) Nitrobenzene	7.410	77	814834	43.194	ng	99
25) Isophorone	7.651	82	1404163	38.222	ng	100
26) 2-Nitrophenol	7.728	139	300169	39.841	ng	100
27) 2,4-Dimethylphenol	7.757	122	517880	38.572	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	891140	38.286	ng	100
29) 2,4-Dichlorophenol	7.963	162	605445	39.760	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	678684	39.378	ng	99
31) Naphthalene	8.134	128	2177764	38.264	ng	100
32) Benzoic acid	7.863	122	410627	38.901	ng	98
33) 4-Chloroaniline	8.181	127	793481	38.537	ng	100
34) Hexachlorobutadiene	8.251	225	396700	39.043	ng	99
35) Caprolactam	8.545	113	200684m	38.767	ng	
36) 4-Chloro-3-methylphenol	8.651	107	652584	38.590	ng	100
37) 2-Methylnaphthalene	8.822	142	1394232	38.292	ng	100
38) 1-Methylnaphthalene	8.922	142	1351886	37.780	ng	98
40) 1,2,4,5-Tetrachloroben...	8.987	216	616591	39.489	ng	100
41) Hexachlorocyclopentadiene	8.975	237	209800	40.546	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	416089	40.039	ng	99

12/30/2024

Supervised By :mohammad

Ahmed

12/30/2024

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
 Data File : BF140981.D
 Acq On : 27 Dec 2024 08:19
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Dec 27 10:37:13 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Dec 27 00:31:16 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.128	196	443044	41.666	ng	99	12/30/2024
46) 1,1'-Biphenyl	9.287	154	1702421	39.174	ng	100	Supervised By :mohammad ahmed
47) 2-Chloronaphthalene	9.310	162	1321020	39.194	ng	99	
48) 2-Nitroaniline	9.404	65	360451	41.569	ng	94	
49) Acenaphthylene	9.728	152	1885326	38.857	ng	100	
50) Dimethylphthalate	9.587	163	1460417	39.119	ng	100	
51) 2,6-Dinitrotoluene	9.645	165	320670	42.567	ng	99	12/30/2024
52) Acenaphthene	9.898	154	1283578	39.132	ng	99	
53) 3-Nitroaniline	9.810	138	347925	42.429	ng	# 97	
54) 2,4-Dinitrophenol	9.916	184	92421	41.265	ng	# 1	
55) Dibenzofuran	10.069	168	1792488	38.885	ng	99	
56) 4-Nitrophenol	9.957	139	279388	43.750	ng	98	
57) 2,4-Dinitrotoluene	10.045	165	395699	42.991	ng	99	
58) Fluorene	10.410	166	1367597	38.258	ng	99	
59) 2,3,4,6-Tetrachlorophenol	10.181	232	360917	40.984	ng	99	
60) Diethylphthalate	10.287	149	1445371	39.217	ng	100	
61) 4-Chlorophenyl-phenyle...	10.404	204	668455	38.863	ng	99	
62) 4-Nitroaniline	10.422	138	341655	41.772	ng	98	
63) Azobenzene	10.563	77	1505715	38.923	ng	100	
65) 4,6-Dinitro-2-methylph...	10.451	198	156404	40.775	ng	100	
66) n-Nitrosodiphenylamine	10.522	169	1214814	38.382	ng	99	
67) 4-Bromophenyl-phenylether	10.892	248	427604	39.355	ng	100	
68) Hexachlorobenzene	10.957	284	463413	38.679	ng	99	
69) Atrazine	11.045	200	317211	35.875	ng	99	
70) Pentachlorophenol	11.145	266	312726	41.924	ng	99	
71) Phenanthrene	11.375	178	2034845	38.466	ng	100	
72) Anthracene	11.422	178	2006587	38.711	ng	100	
73) Carbazole	11.575	167	1924312	38.617	ng	100	
74) Di-n-butylphthalate	11.916	149	2179635	38.457	ng	100	
75) Fluoranthene	12.557	202	2199143	38.330	ng	100	
77) Benzidine	12.680	184	652981	47.006	ng	100	
78) Pyrene	12.786	202	2253664	39.204	ng	100	
80) Butylbenzylphthalate	13.416	149	850382	40.511	ng	99	
81) Benzo(a)anthracene	13.975	228	1784876	38.963	ng	100	
82) 3,3'-Dichlorobenzidine	13.939	252	509758	37.037	ng	99	
83) Chrysene	14.016	228	1575097	38.141	ng	100	
84) Bis(2-ethylhexyl)phtha...	13.975	149	1095405	40.230	ng	100	
85) Di-n-octyl phthalate	14.592	149	1555182	39.462	ng	99	
87) Indeno(1,2,3-cd)pyrene	16.892	276	1445260	42.158	ng	100	
88) Benzo(b)fluoranthene	15.016	252	1420323	37.426	ng	100	
89) Benzo(k)fluoranthene	15.051	252	1233502	41.471	ng	99	
90) Benzo(a)pyrene	15.380	252	1138486	38.650	ng	99	
91) Dibenzo(a,h)anthracene	16.910	278	1189450	42.803	ng	100	
92) Benzo(g,h,i)perylene	17.327	276	1245650	43.218	ng	99	

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

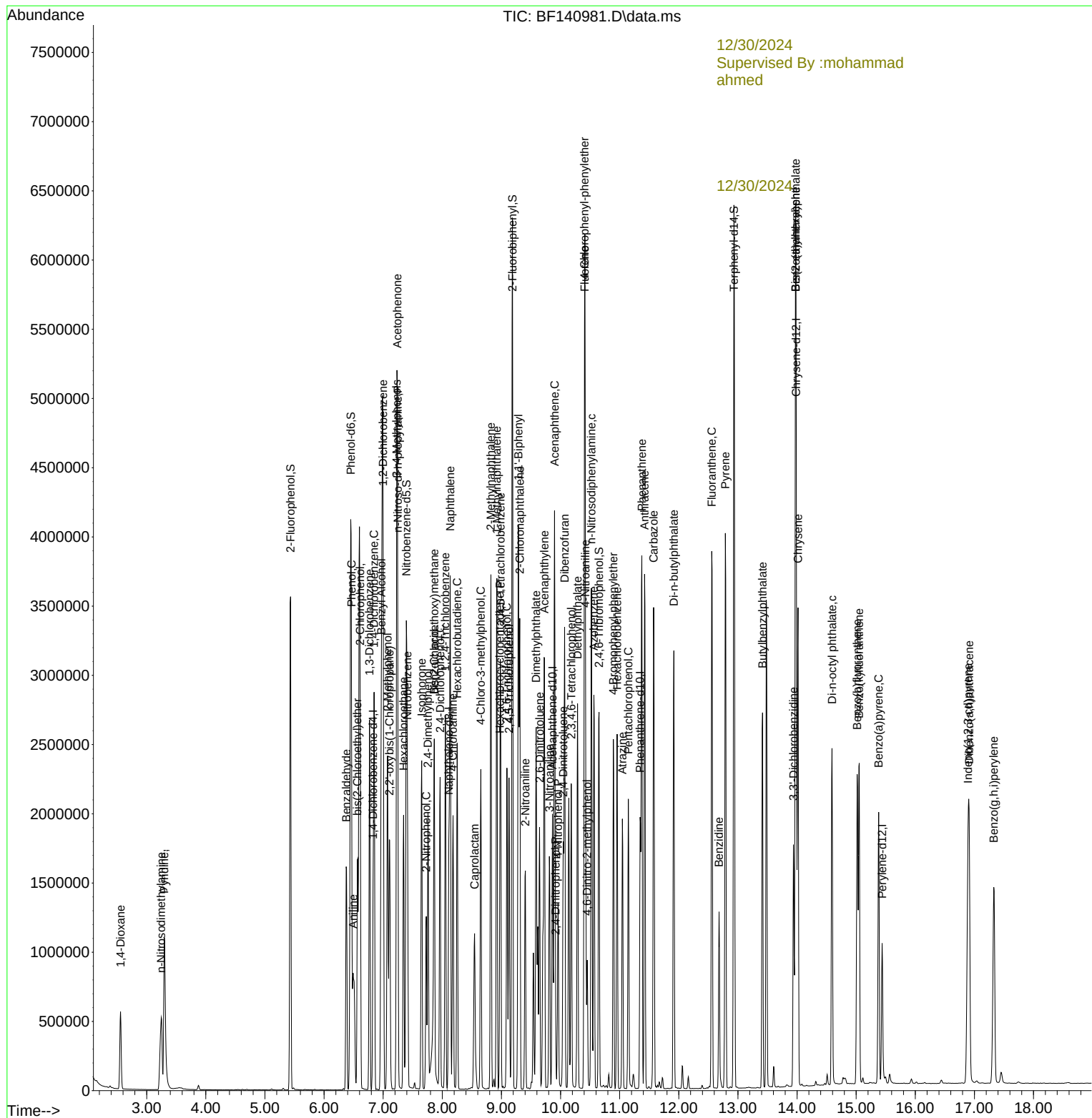
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
 Data File : BF140981.D
 Acq On : 27 Dec 2024 08:19
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

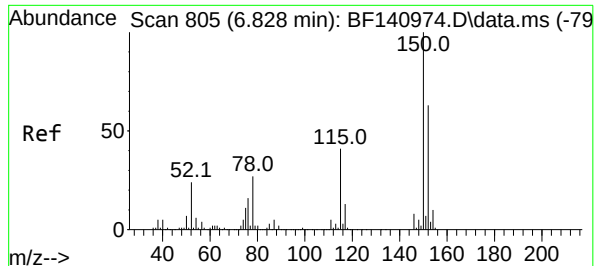
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Dec 27 10:37:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration





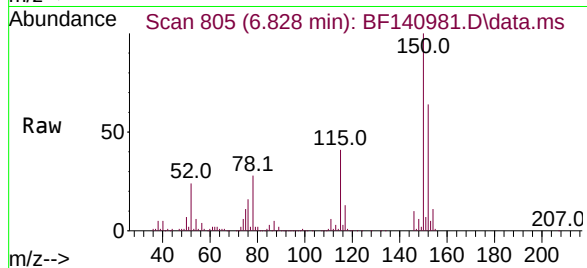
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

Instrument :

BNA_F

ClientSampleId :

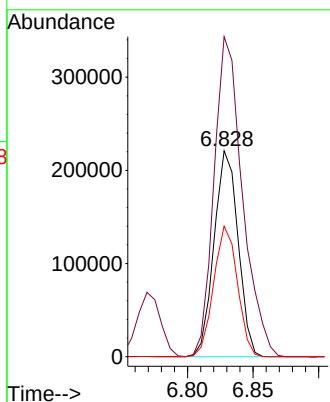
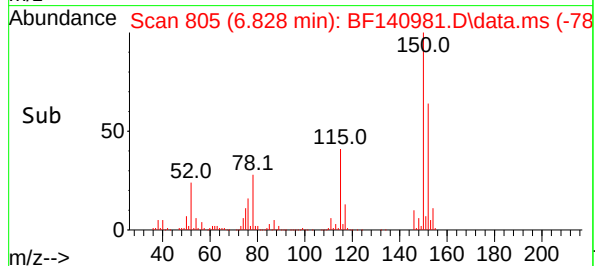
SSTDCCC040



Tgt Ion:152 Resp: 281239
Ion Ratio Lower Upper
152 100
150 155.3 127.0 190.6
115 63.4 51.7 77.5

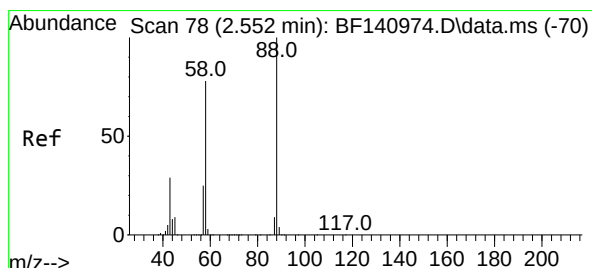
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

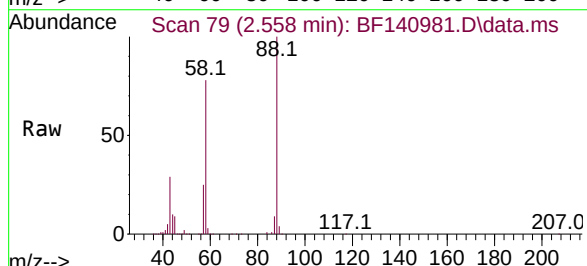


12/30/2024
Supervised By :mohammad
ahmed

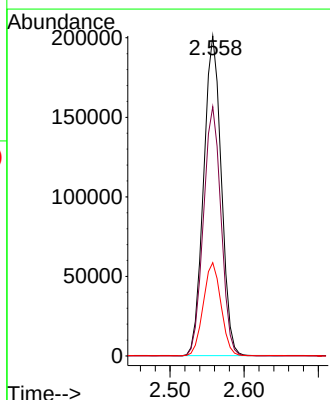
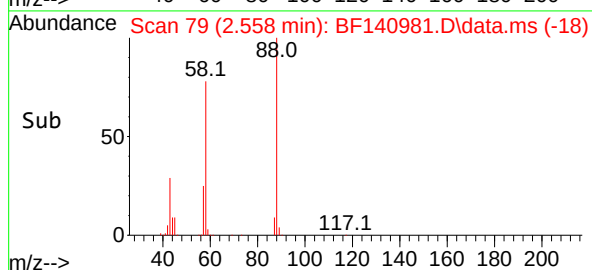
12/30/2024

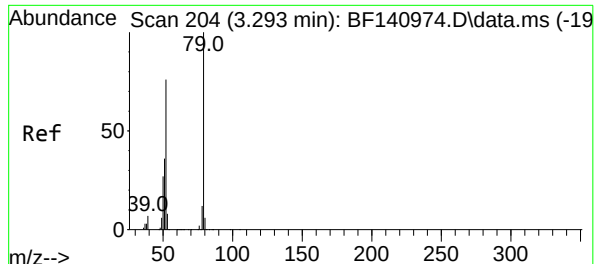


#2
1,4-Dioxane
Concen: 39.333 ng
RT: 2.558 min Scan# 79
Delta R.T. 0.006 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19



Tgt Ion: 88 Resp: 332243
Ion Ratio Lower Upper
88 100
58 77.8 63.0 94.4
43 29.1 23.4 35.2





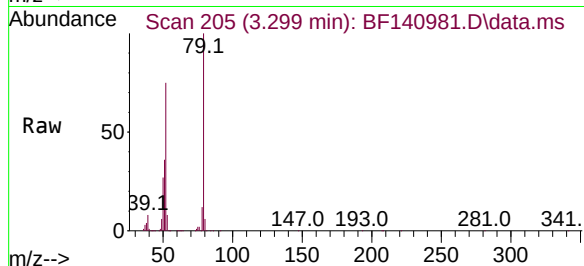
#3
Pyridine
Concen: 39.155 ng
RT: 3.299 min Scan# 204
Delta R.T. 0.006 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

Instrument :

BNA_F

ClientSampleId :

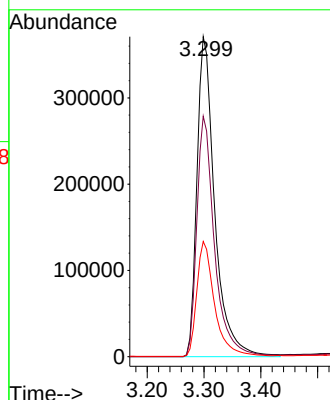
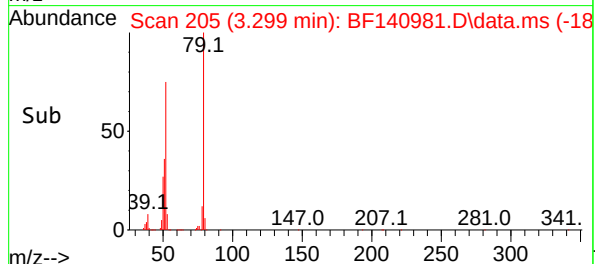
SSTDCCC040



Tgt Ion: 79 Resp: 80826
Ion Ratio Lower Upper
79 100
52 75.2 60.4 90.6
51 36.0 28.8 43.2

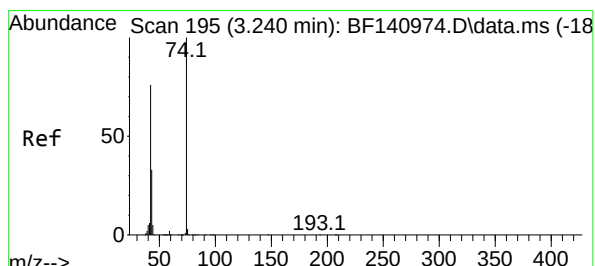
Manual Integrations
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Reviewed By :Yogesh
Patel

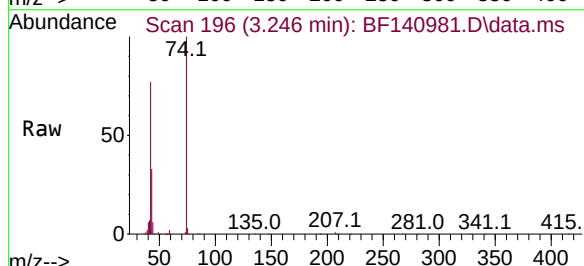


12/30/2024
Supervised By :mohammad
ahmed

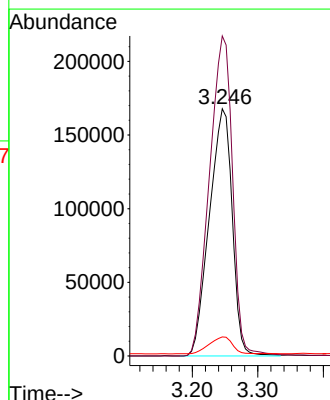
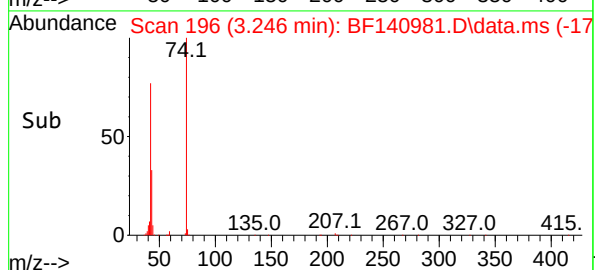
12/30/2024

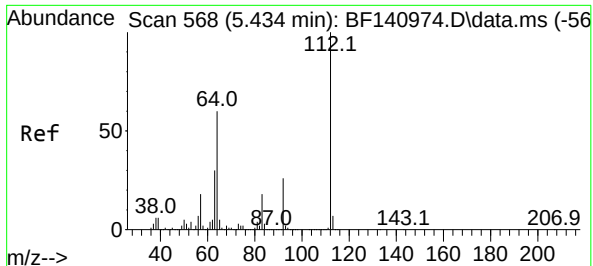


#4
n-Nitrosodimethylamine
Concen: 38.840 ng
RT: 3.246 min Scan# 196
Delta R.T. 0.006 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19



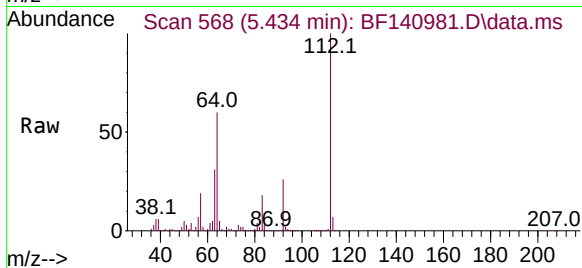
Tgt Ion: 42 Resp: 406238
Ion Ratio Lower Upper
42 100
74 129.5 105.8 158.6
44 7.7 6.6 10.0





#5
2-Fluorophenol
Concen: 75.219 ng
RT: 5.434 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

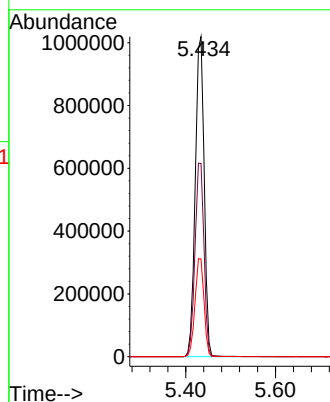
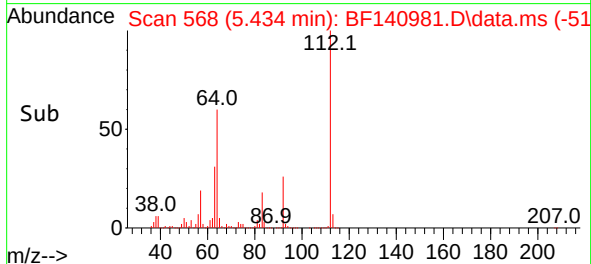
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 112 Resp: 140340
Ion Ratio Lower Upper
112 100
64 60.4 47.7 71.5
63 30.6 24.2 36.2

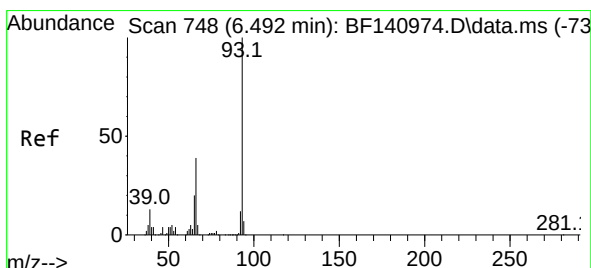
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



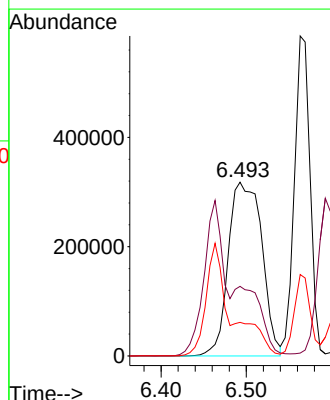
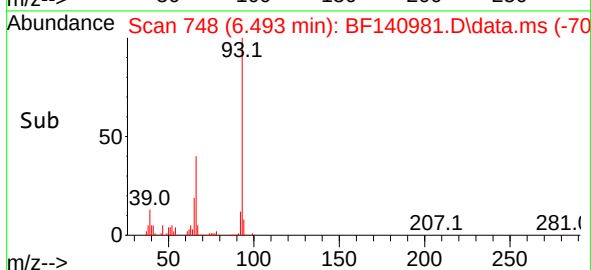
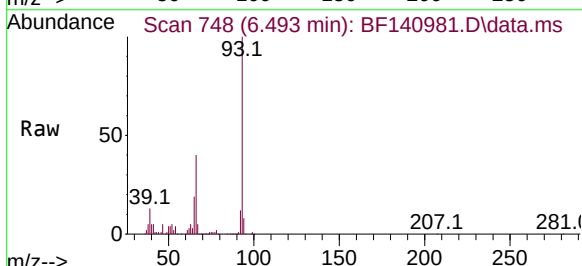
12/30/2024
Supervised By :mohammad
ahmed

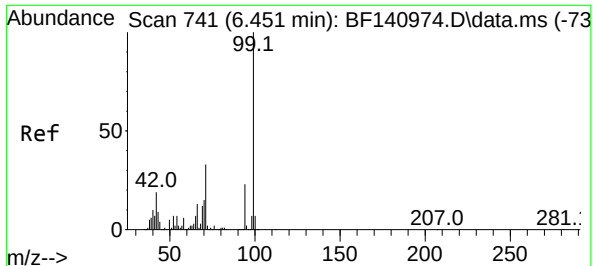
12/30/2024



#6
Aniline
Concen: 40.556 ng
RT: 6.493 min Scan# 748
Delta R.T. -0.018 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

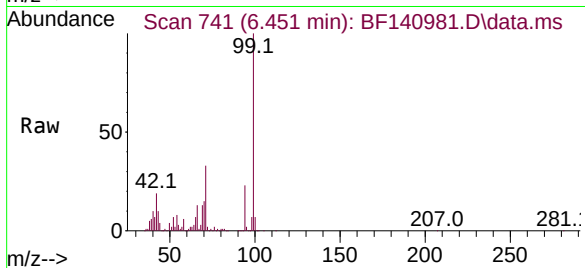
Tgt Ion: 93 Resp: 869338
Ion Ratio Lower Upper
93 100
66 40.1 31.8 47.8
65 19.3 15.4 23.0





#7
Phenol-d6
Concen: 75.243 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

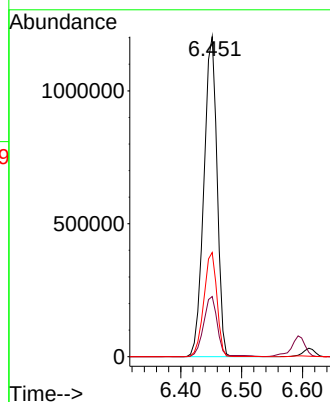
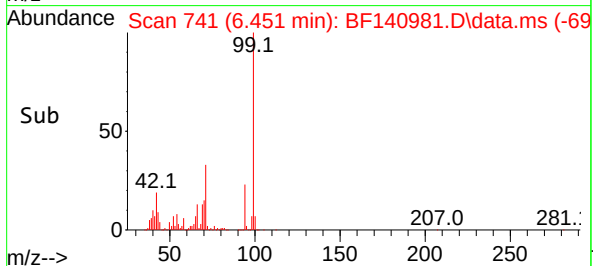
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 99 Resp: 180846
Ion Ratio Lower Upper
99 100
42 18.8 15.0 22.4
71 32.5 26.2 39.2

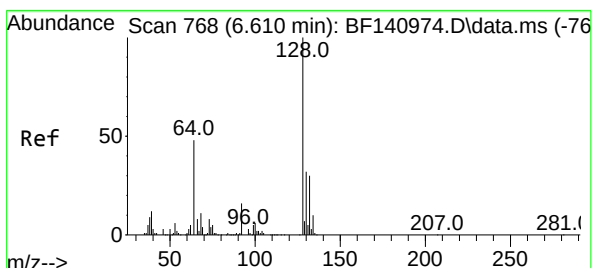
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

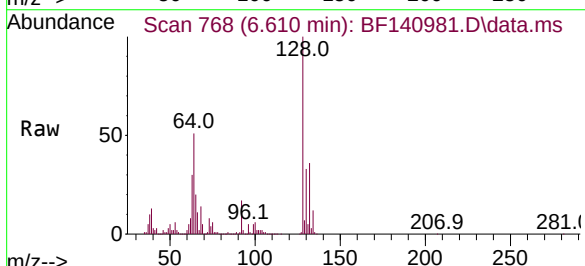


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Supervised By :mohammad
ahmed

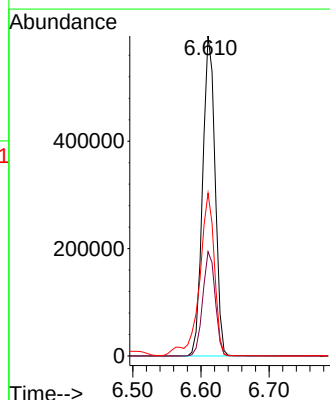
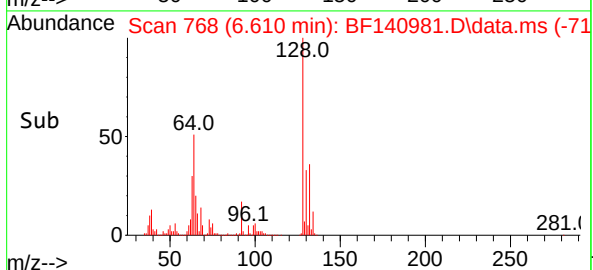
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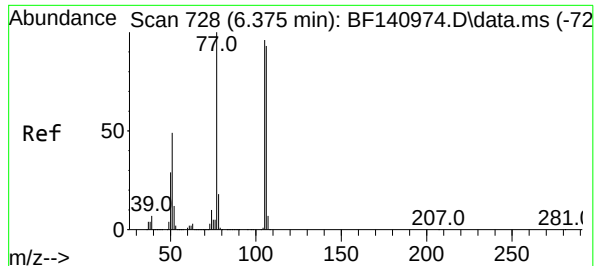


#8
2-Chlorophenol
Concen: 38.419 ng
RT: 6.610 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19



Tgt Ion:128 Resp: 755726
Ion Ratio Lower Upper
128 100
130 32.6 12.2 52.2
64 50.9 30.3 70.3





#9

Benzaldehyde

Concen: 39.803 ng

RT: 6.375 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF140981.D

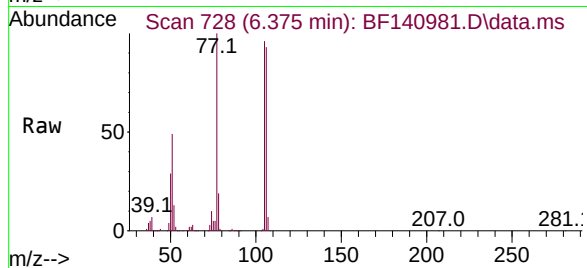
Acq: 27 Dec 2024 08:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 77 Resp: 46815

Ion Ratio Lower Upper

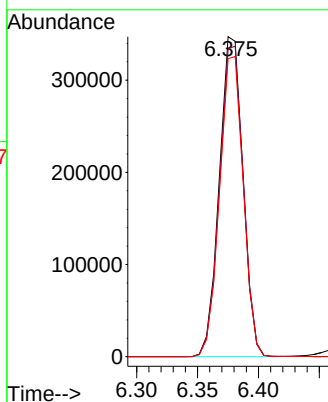
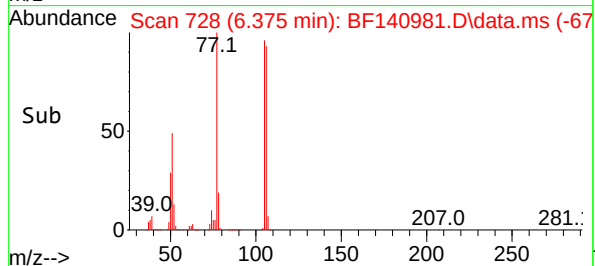
77 100

105 96.2 76.2 116.2

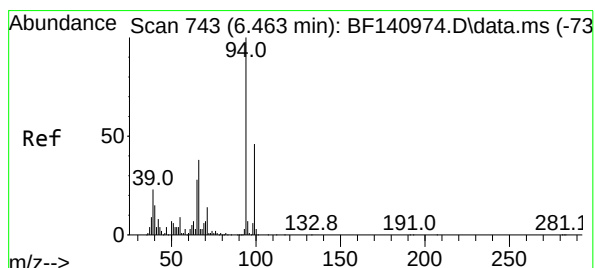
106 93.1 73.4 113.4

Manual Integrations

APPROVED

Reviewed By :Yogesh
Patel12/30/2024
Supervised By :mohammad
ahmed

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#10

Phenol

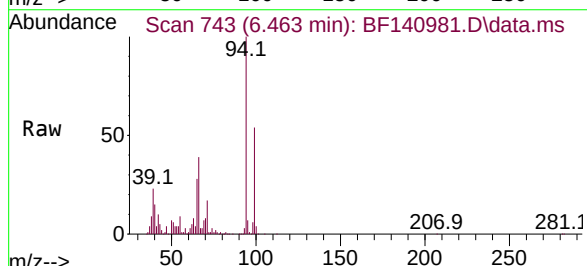
Concen: 38.352 ng m

RT: 6.463 min Scan# 743

Delta R.T. 0.000 min

Lab File: BF140981.D

Acq: 27 Dec 2024 08:19



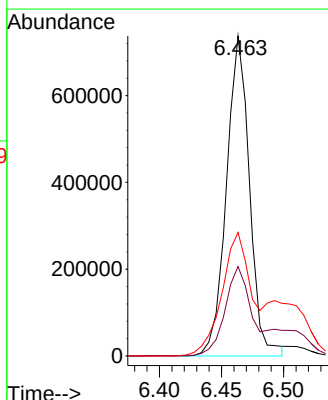
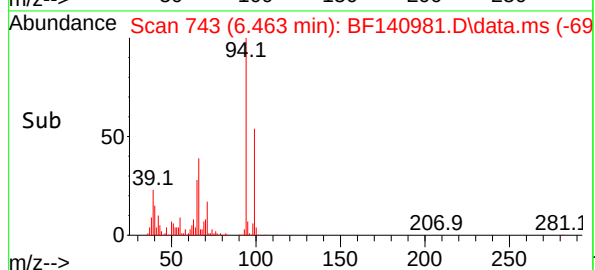
Tgt Ion: 94 Resp: 953139

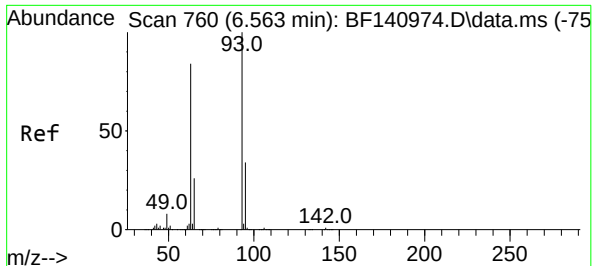
Ion Ratio Lower Upper

94 100

65 28.0 8.1 48.1

66 38.6 18.7 58.7





#11

bis(2-Chloroethyl)ether

Concen: 36.719 ng

RT: 6.563 min Scan# 760

Delta R.T. 0.000 min

Lab File: BF140981.D

Acq: 27 Dec 2024 08:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 73683

Ion Ratio Lower Upper

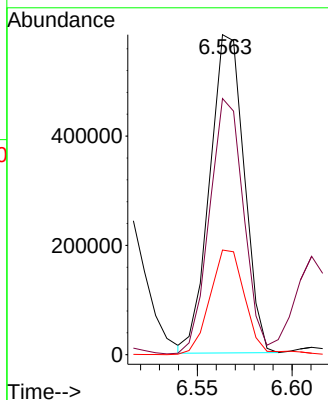
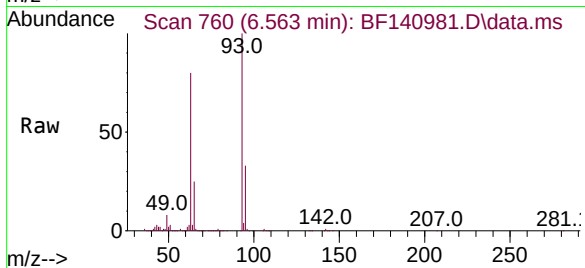
93 100

63 80.0 60.3 100.3

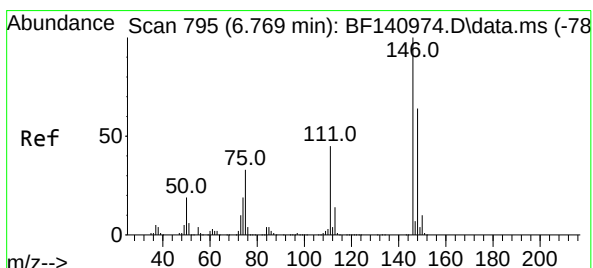
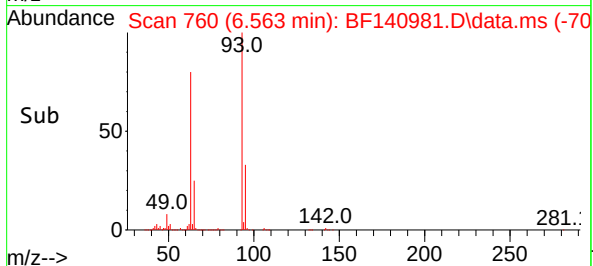
95 32.7 12.2 52.2

Manual Integrations

APPROVED

Reviewed By :Yogesh
Patel12/30/2024
Supervised By :mohammad
ahmed

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#12

1,3-Dichlorobenzene

Concen: 38.307 ng

RT: 6.769 min Scan# 795

Delta R.T. 0.000 min

Lab File: BF140981.D

Acq: 27 Dec 2024 08:19

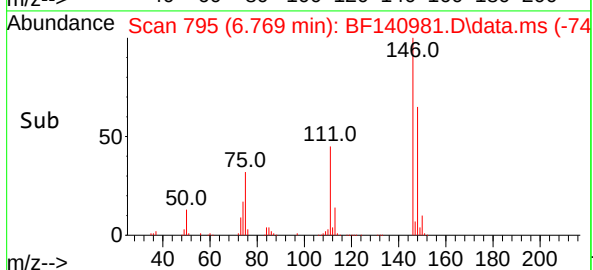
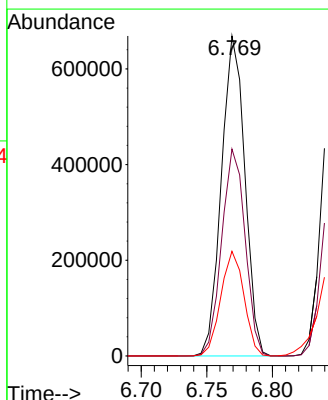
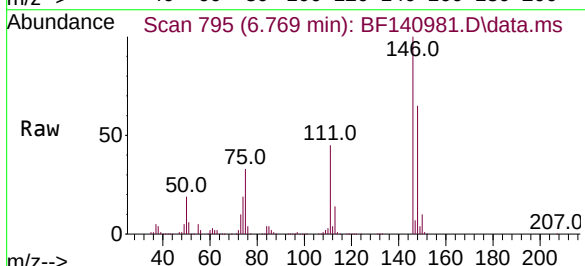
Tgt Ion:146 Resp: 831597

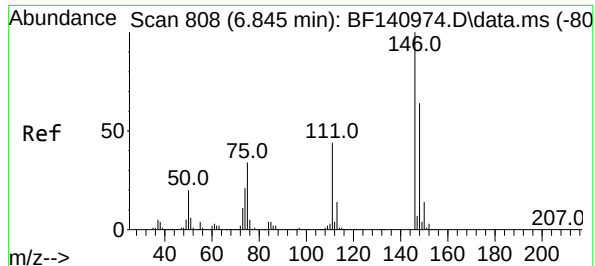
Ion Ratio Lower Upper

146 100

148 64.6 51.0 76.4

75 32.7 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 38.373 ng

RT: 6.846 min Scan# 808

Delta R.T. 0.000 min

Lab File: BF140981.D

Acq: 27 Dec 2024 08:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 839774

Ion Ratio Lower Upper

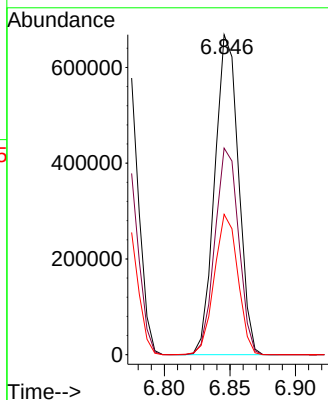
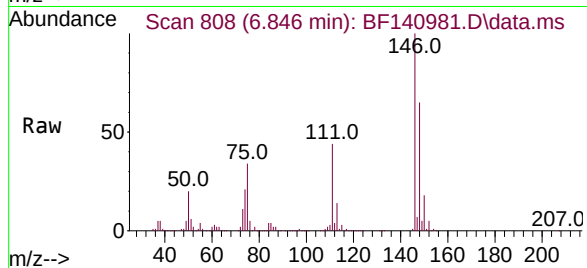
146 100

148 64.5 51.3 76.9

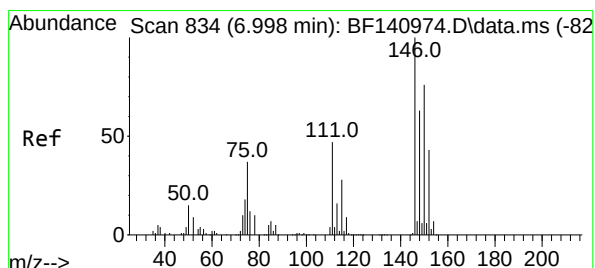
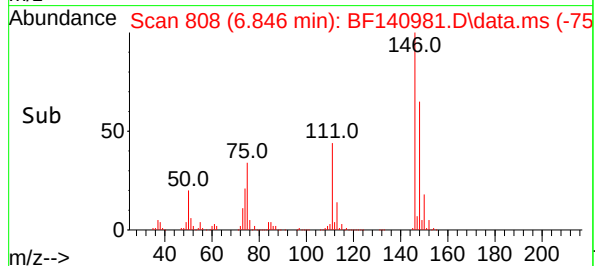
111 43.9 35.3 52.9

Manual Integrations

APPROVED

Reviewed By :Yogesh
Patel12/30/2024
Supervised By :mohammad
ahmed

12/30/2024



#14

1,2-Dichlorobenzene

Concen: 38.206 ng

RT: 6.998 min Scan# 834

Delta R.T. 0.000 min

Lab File: BF140981.D

Acq: 27 Dec 2024 08:19

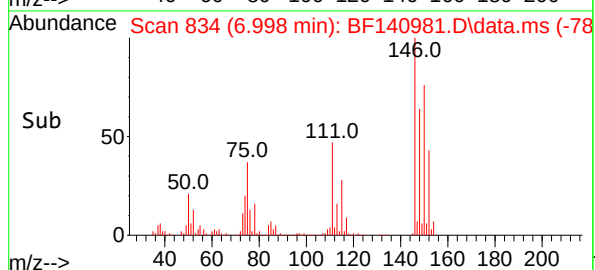
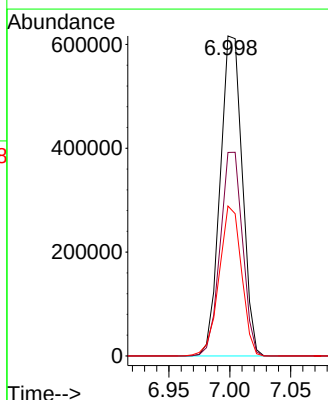
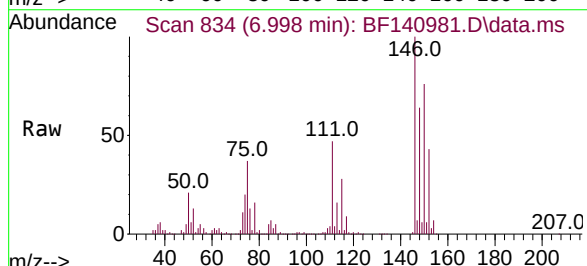
Tgt Ion:146 Resp: 779577

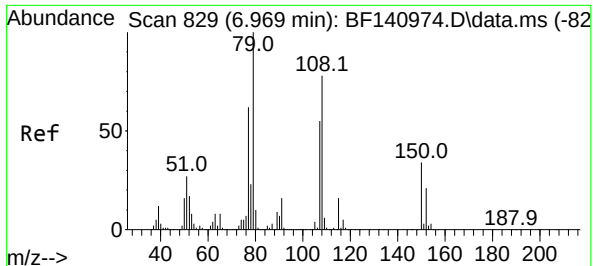
Ion Ratio Lower Upper

146 100

148 63.6 50.6 76.0

111 46.9 37.3 55.9





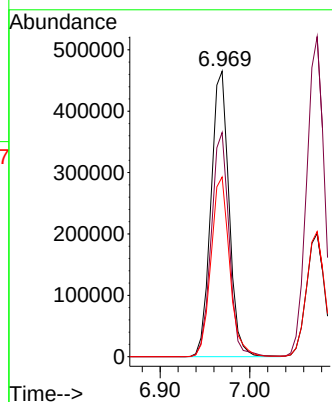
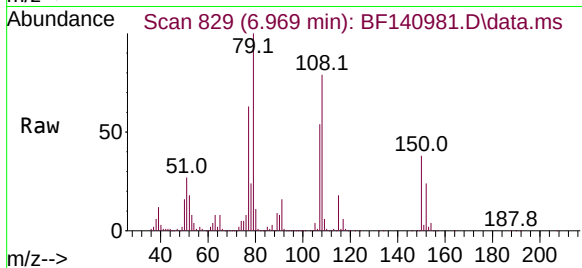
#15
Benzyl Alcohol
Concen: 37.714 ng
RT: 6.969 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 65138
Ion Ratio Lower Upper
79 100
108 78.5 62.5 93.7
77 63.0 49.3 73.9

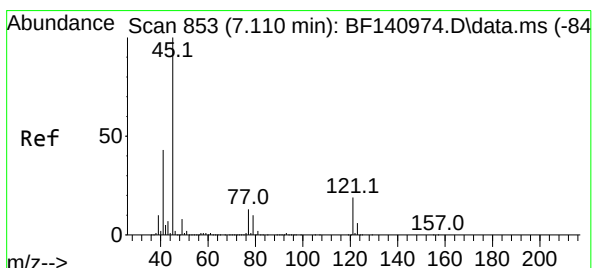
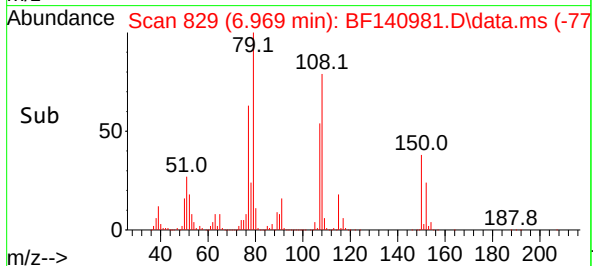
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



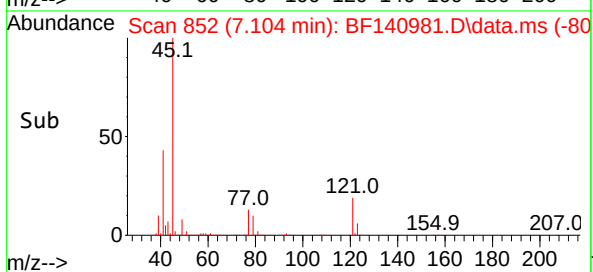
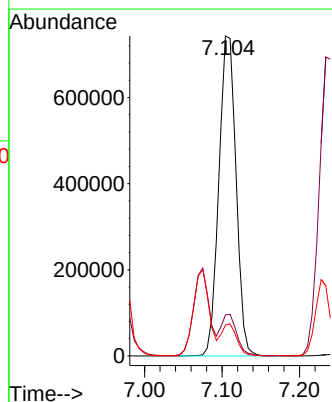
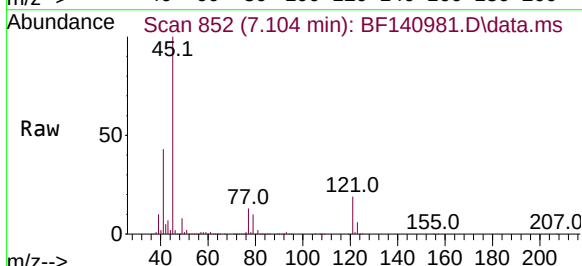
12/30/2024
Supervised By :mohammad
ahmed

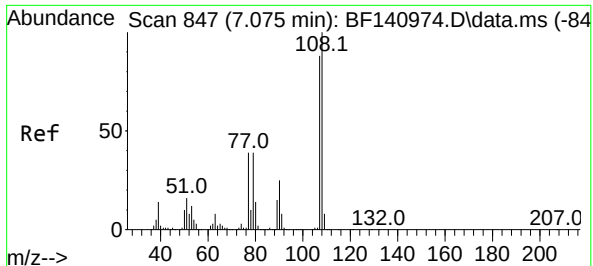
12/30/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.702 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

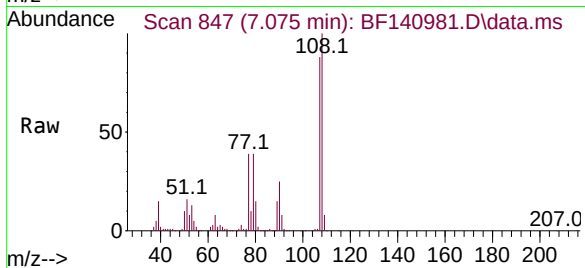
Tgt Ion: 45 Resp: 1144166
Ion Ratio Lower Upper
45 100
77 12.8 0.0 33.1
79 9.7 0.0 30.1





#17
2-Methylphenol
Concen: 38.114 ng
RT: 7.075 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

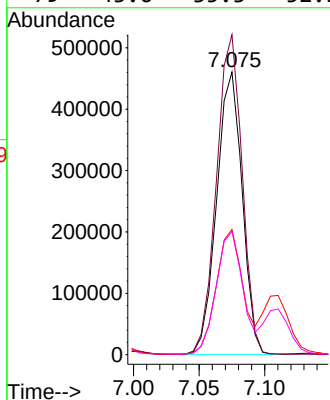
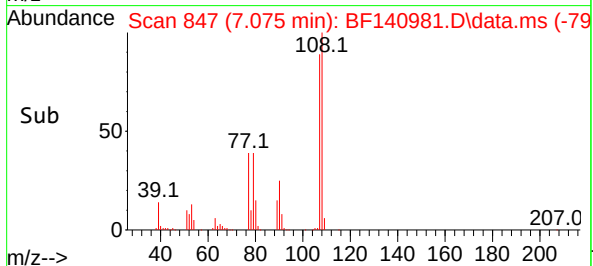
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:107 Resp: 622852
Ion Ratio Lower Upper
107 100
108 113.2 90.6 136.0
77 44.3 35.3 52.9
79 43.6 35.3 52.9

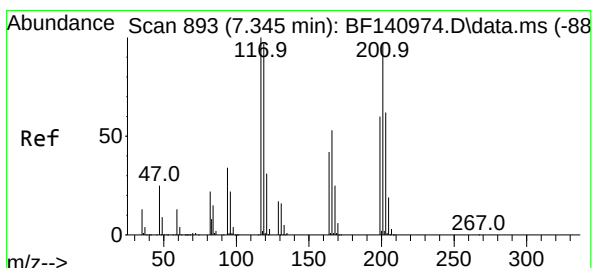
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



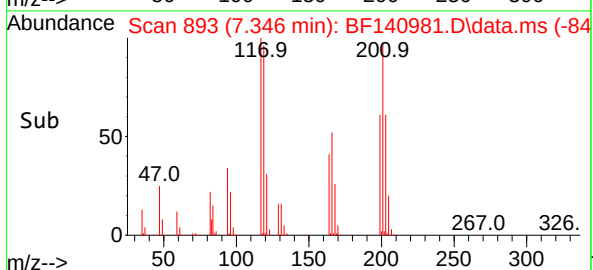
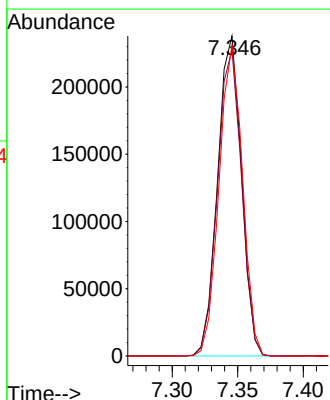
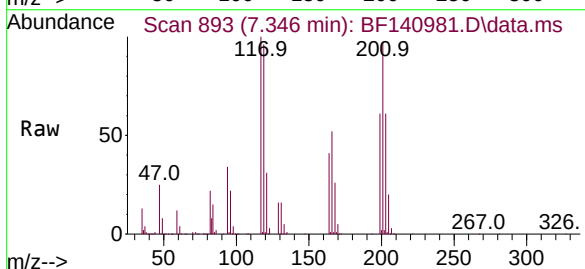
12/30/2024
Supervised By :mohammad
ahmed

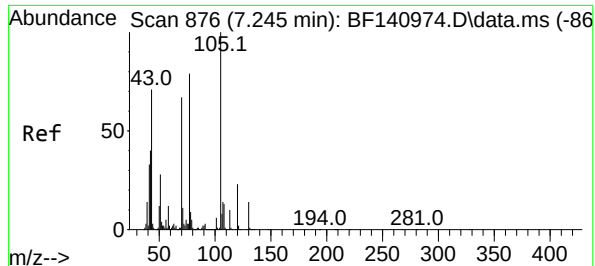
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#18
Hexachloroethane
Concen: 38.697 ng
RT: 7.346 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

Tgt Ion:117 Resp: 300838
Ion Ratio Lower Upper
117 100
119 95.7 77.5 116.3
201 97.0 77.4 116.2





#19

n-Nitroso-di-n-propylamine

Concen: 36.840 ng

RT: 7.246 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF140981.D

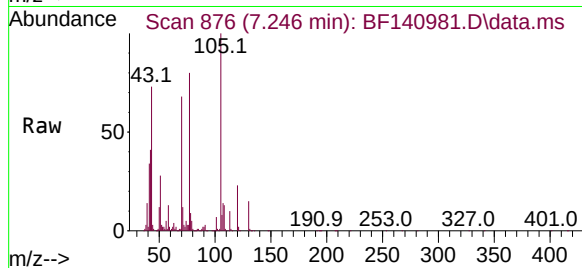
Acq: 27 Dec 2024 08:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 54244

Ion Ratio Lower Upper

70 100

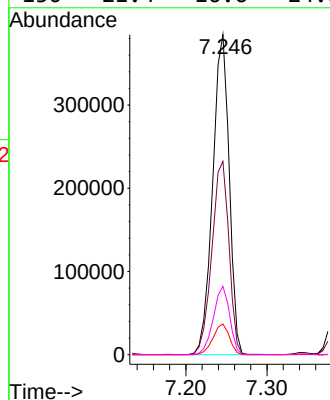
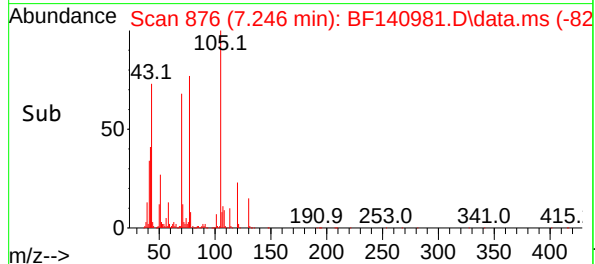
42 60.4 48.1 72.1

101 9.6 7.6 11.4

130 21.4 16.6 24.8

Manual Integrations

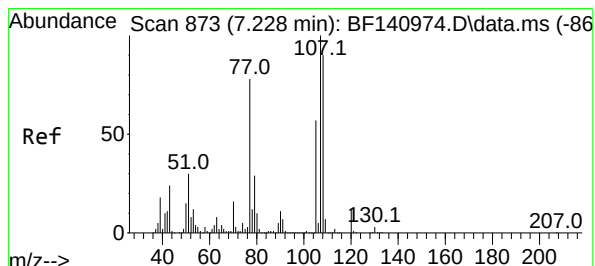
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Reviewed By :Yogesh
Patel

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Supervised By :mohammad
ahmed

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#20

3+4-Methylphenols

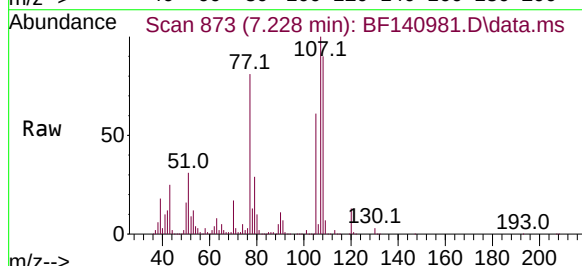
Concen: 37.641 ng

RT: 7.228 min Scan# 873

Delta R.T. 0.000 min

Lab File: BF140981.D

Acq: 27 Dec 2024 08:19



Tgt Ion:107 Resp: 778437

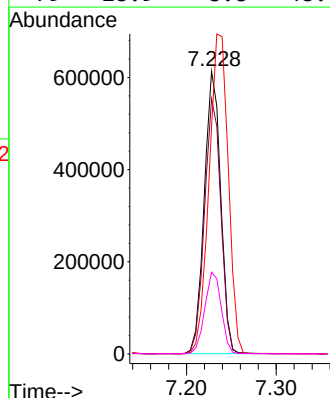
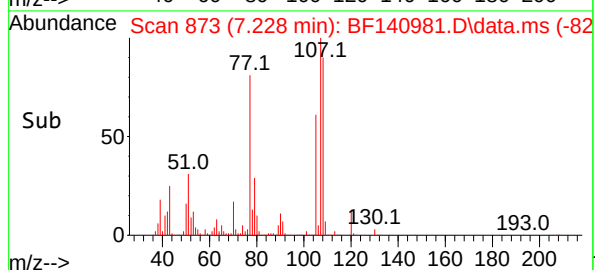
Ion Ratio Lower Upper

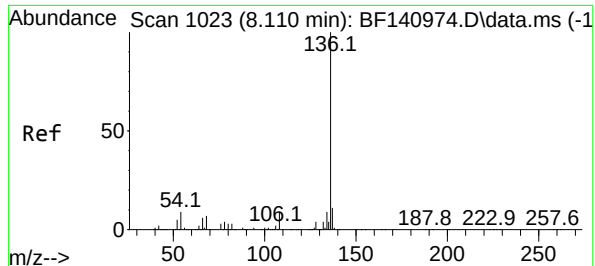
107 100

108 90.3 69.6 109.6

77 80.5 57.6 97.6

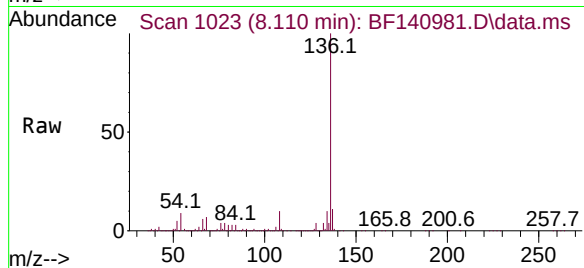
79 28.9 8.8 48.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

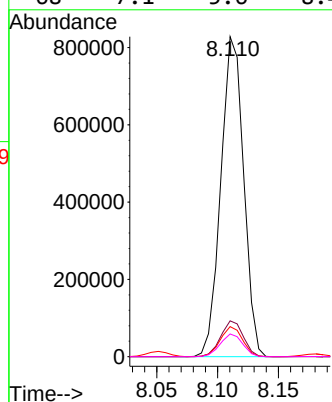
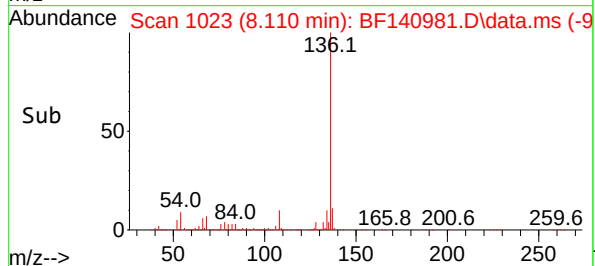
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:136 Resp: 108010
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 9.4 7.6 11.4
68 7.1 5.6 8.4

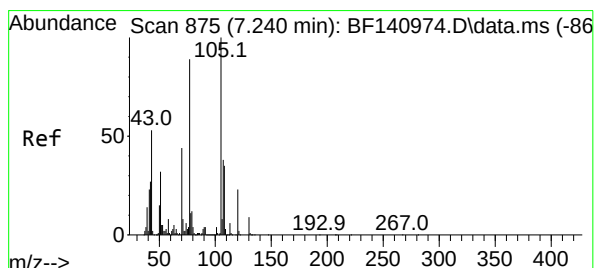
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



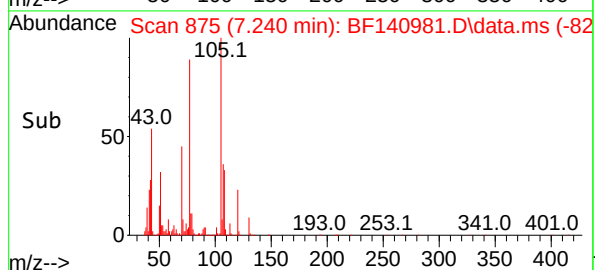
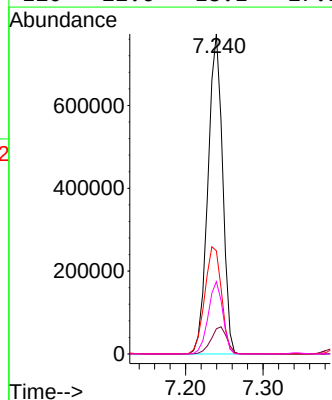
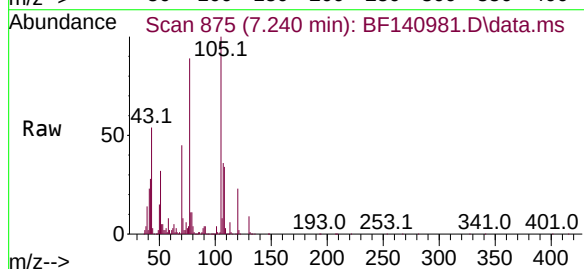
12/30/2024
Supervised By :mohammad
ahmed

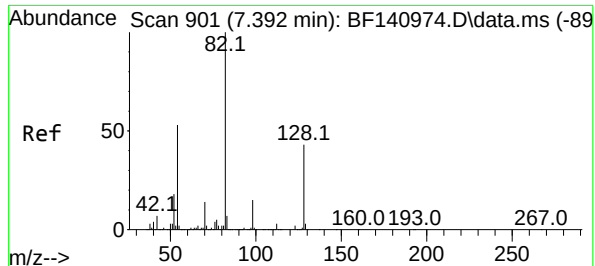
12/30/2024



#22
Acetophenone
Concen: 38.115 ng
RT: 7.240 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

Tgt Ion:105 Resp: 1009919
Ion Ratio Lower Upper
105 100
71 7.8 6.1 9.1
51 32.2 25.8 38.6
120 22.6 18.1 27.1





#23

Nitrobenzene-d5

Concen: 87.518 ng

RT: 7.393 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF140981.D

Acq: 27 Dec 2024 08:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1477510

Ion Ratio Lower Upper

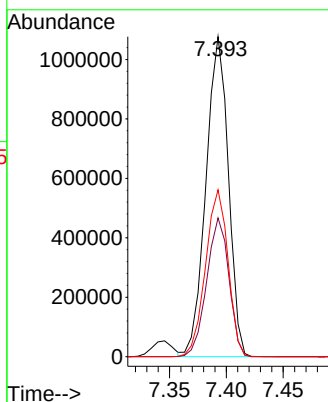
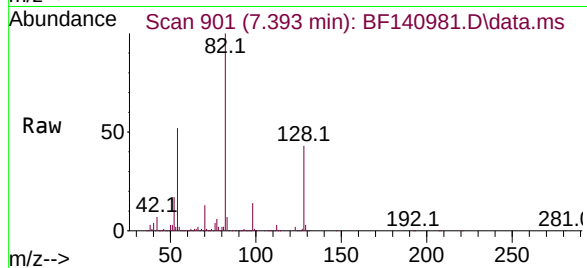
82 100

128 43.3 34.4 51.6

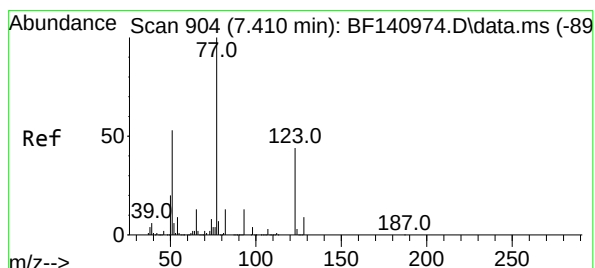
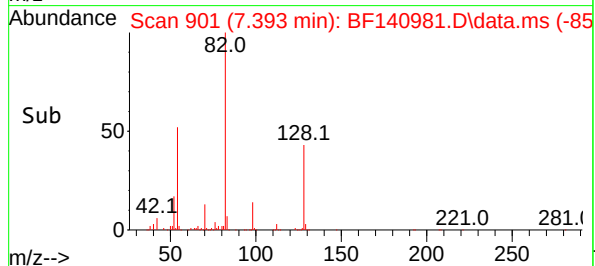
54 52.2 42.4 63.6

Manual Integrations

APPROVED

Reviewed By :Yogesh
Patel12/30/2024
Supervised By :mohammad
ahmed

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#24

Nitrobenzene

Concen: 43.194 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF140981.D

Acq: 27 Dec 2024 08:19

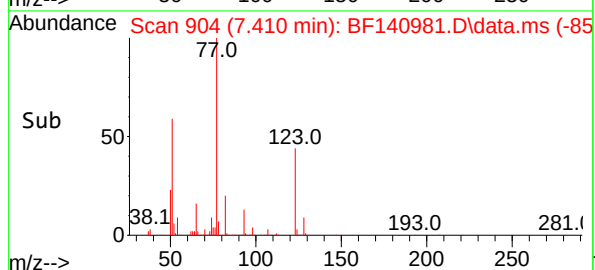
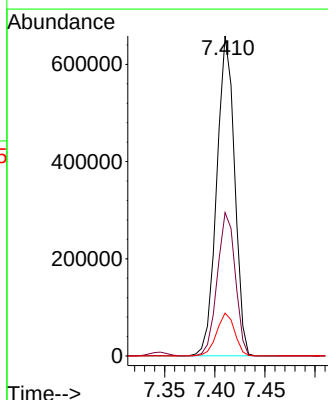
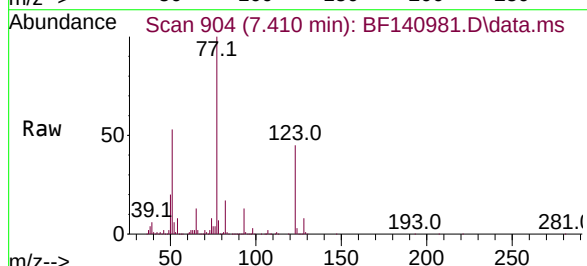
Tgt Ion: 77 Resp: 814834

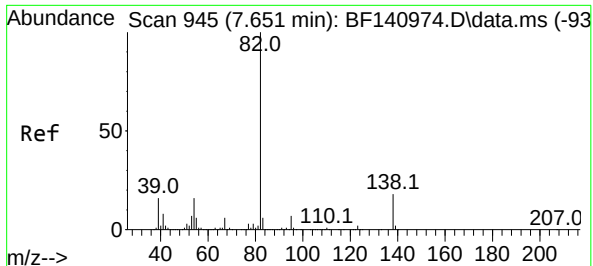
Ion Ratio Lower Upper

77 100

123 44.8 35.4 53.2

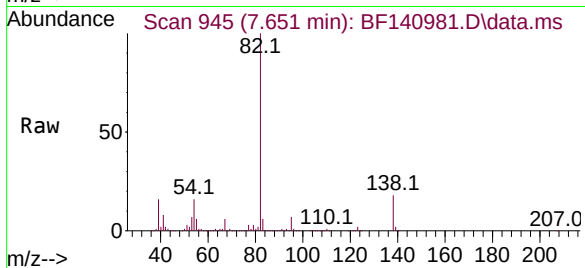
65 13.4 10.7 16.1





#25
Isophorone
Concen: 38.222 ng
RT: 7.651 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

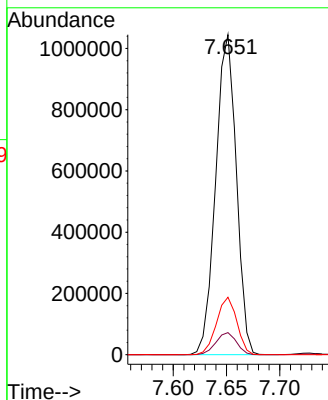
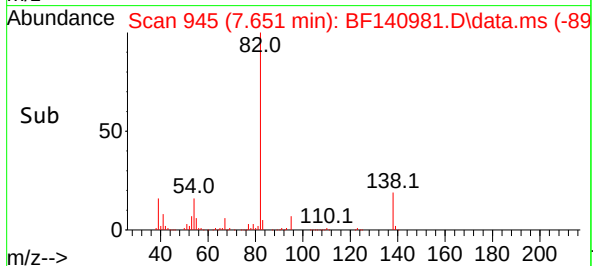
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 82 Resp: 140416
Ion Ratio Lower Upper
82 100
95 6.9 5.6 8.4
138 17.9 14.6 21.8

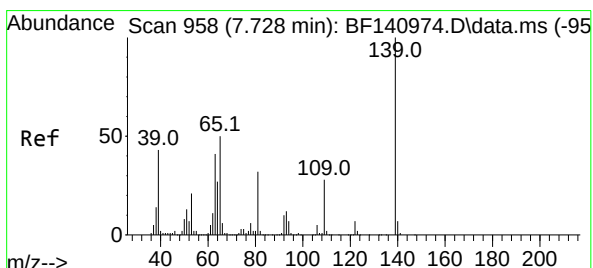
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APPROVED

Reviewed By :Yogesh
Patel



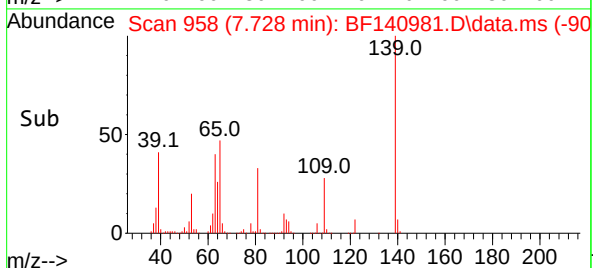
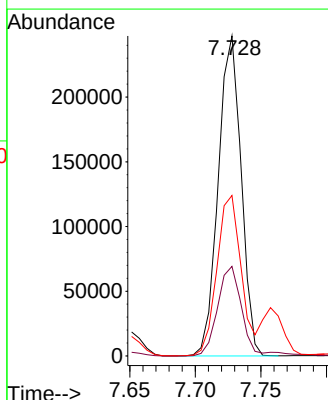
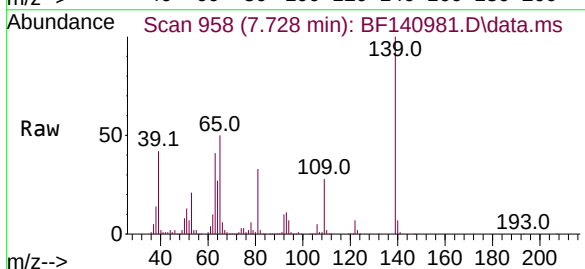
12/30/2024
Supervised By :mohammad
ahmed

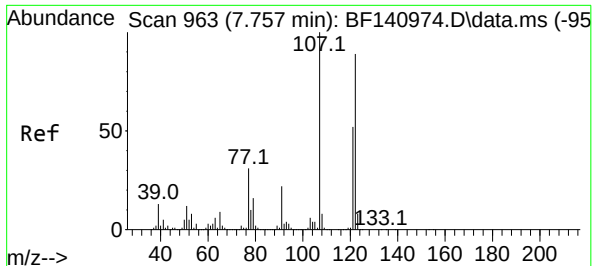
12/30/2024



#26
2-Nitrophenol
Concen: 39.841 ng
RT: 7.728 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

Tgt Ion:139 Resp: 300169
Ion Ratio Lower Upper
139 100
109 28.0 22.2 33.4
65 50.2 40.2 60.4





#27

2,4-Dimethylphenol

Concen: 38.572 ng

RT: 7.757 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF140981.D

Acq: 27 Dec 2024 08:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:122 Resp: 517880

Ion Ratio Lower Upper

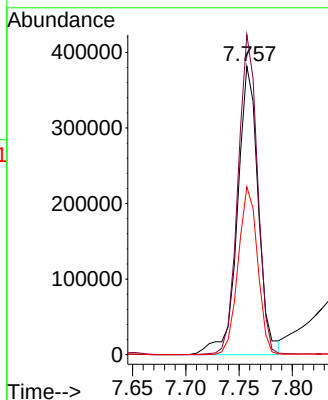
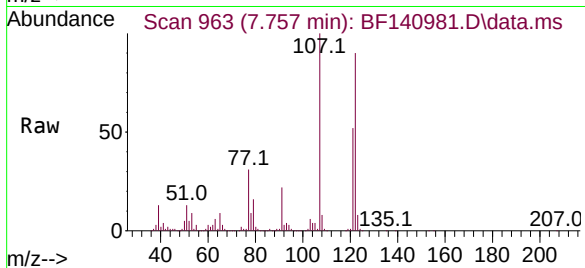
122 100

107 110.9 89.4 134.2

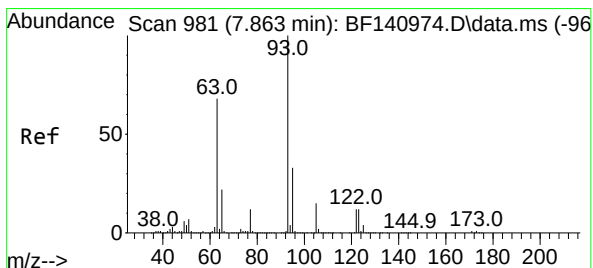
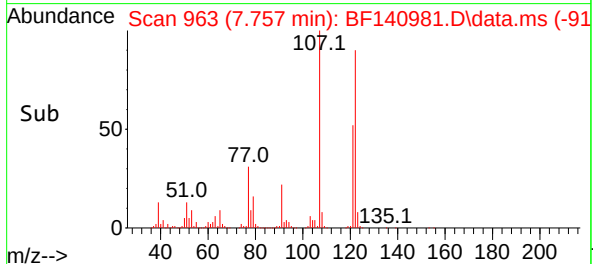
121 58.2 46.7 70.1

Manual Integrations

APPROVED

Reviewed By :Yogesh
Patel12/30/2024
Supervised By :mohammad
ahmed

12/30/2024



#28

bis(2-Chloroethoxy)methane

Concen: 38.286 ng

RT: 7.863 min Scan# 981

Delta R.T. 0.000 min

Lab File: BF140981.D

Acq: 27 Dec 2024 08:19

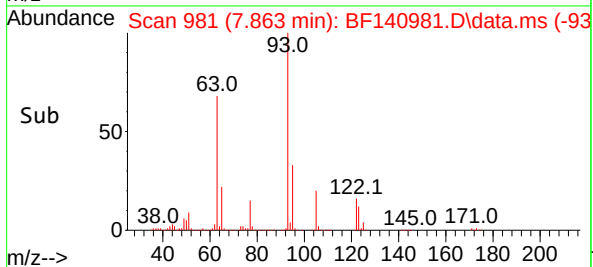
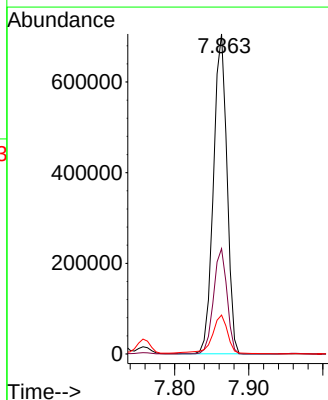
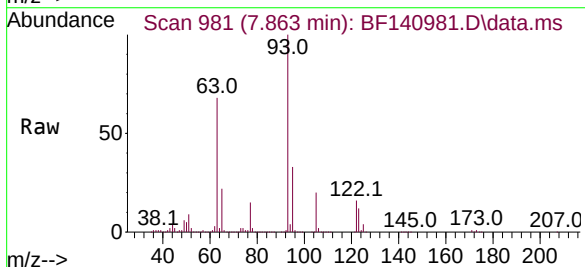
Tgt Ion: 93 Resp: 891140

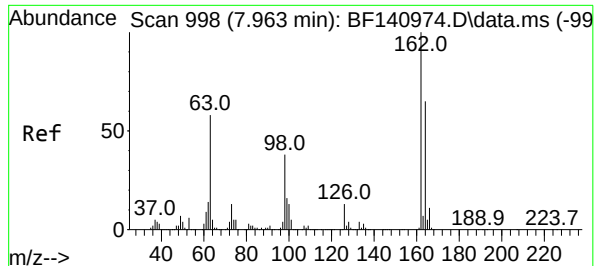
Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.4

123 12.2 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 39.760 ng

RT: 7.963 min Scan# 998

Delta R.T. 0.000 min

Lab File: BF140981.D

Acq: 27 Dec 2024 08:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 60544

Ion Ratio Lower Upper

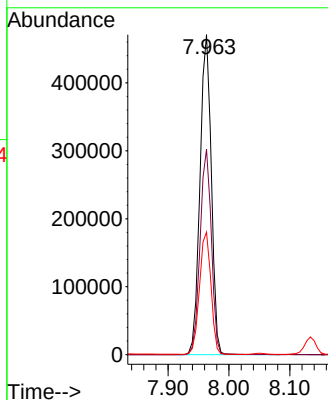
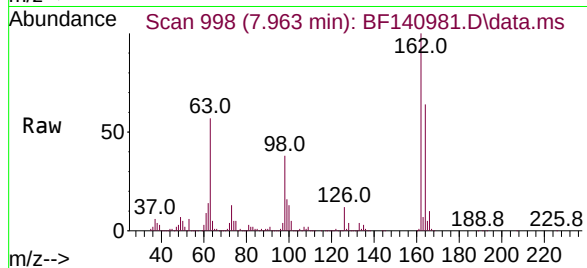
162 100

164 64.2 44.8 84.8

98 38.3 18.6 58.6

Manual Integrations

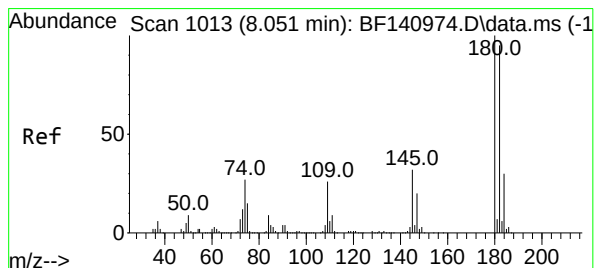
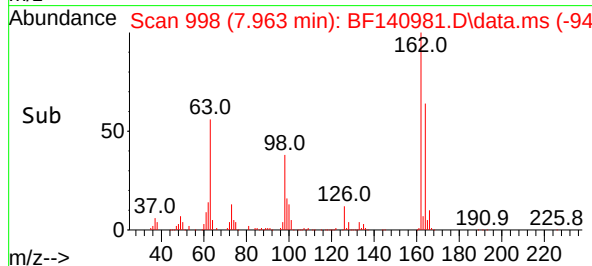
APPROVED

Reviewed By :Yogesh
Patel

12/30/2024

Supervised By :mohammad
ahmed

12/30/2024



#30

1,2,4-Trichlorobenzene

Concen: 39.378 ng

RT: 8.051 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF140981.D

Acq: 27 Dec 2024 08:19

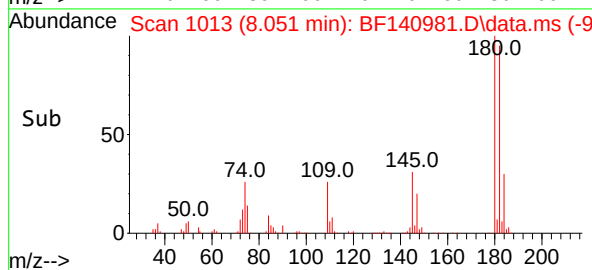
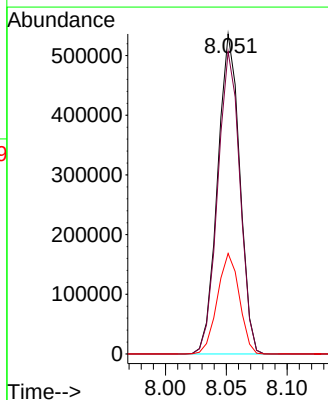
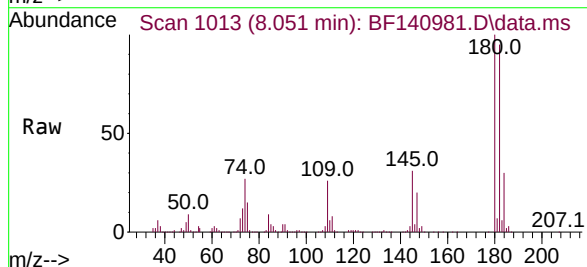
Tgt Ion:180 Resp: 678684

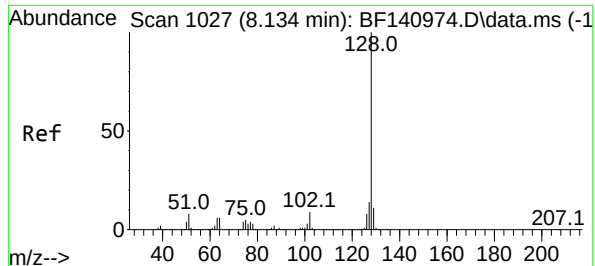
Ion Ratio Lower Upper

180 100

182 94.5 76.2 114.4

145 31.4 25.4 38.2





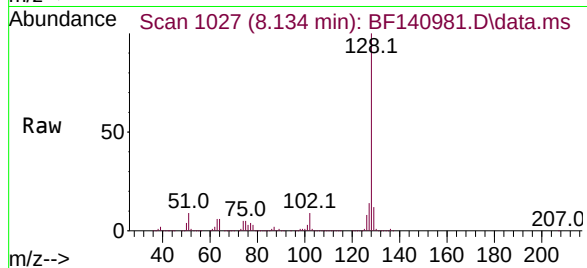
#31
Naphthalene
Concen: 38.264 ng
RT: 8.134 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

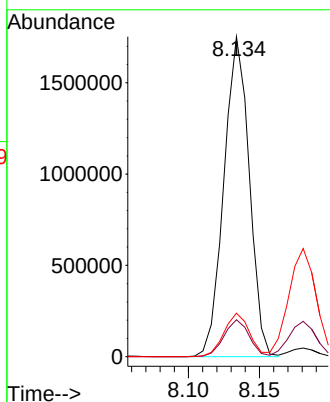
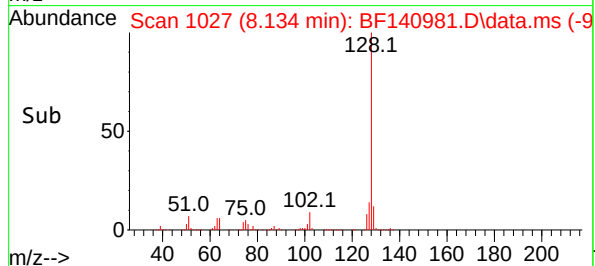


Tgt Ion:128 Resp: 2177764

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.2	13.8
127	13.6	11.0	16.4

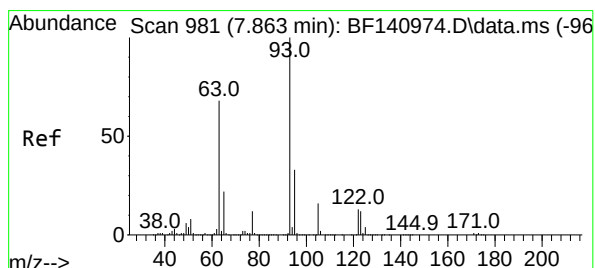
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Reviewed By :Yogesh
Patel



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Supervised By :mohammad
ahmed

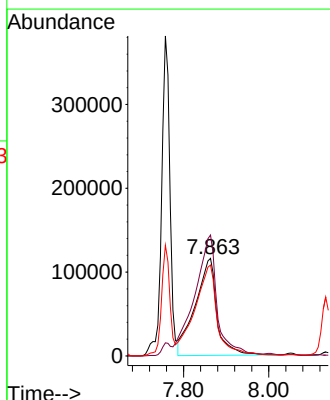
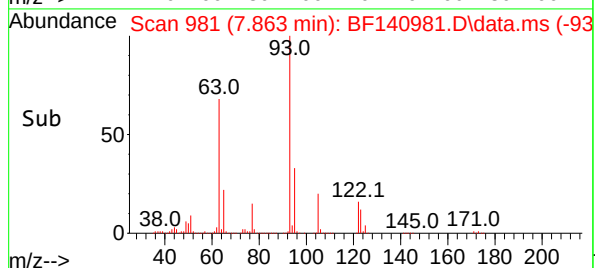
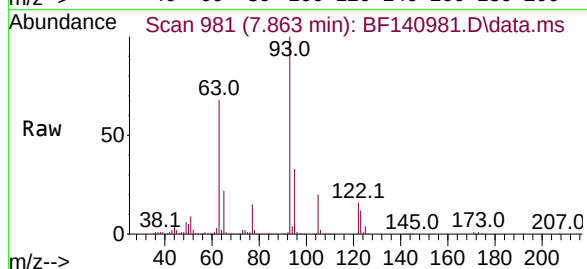
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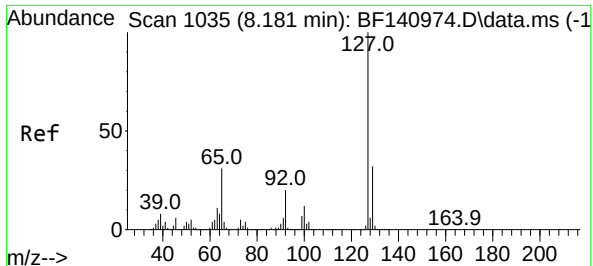


#32
Benzoic acid
Concen: 38.901 ng
RT: 7.863 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

Tgt Ion:122 Resp: 410627

Ion	Ratio	Lower	Upper
122	100		
105	123.9	105.4	145.4
77	93.1	76.4	116.4





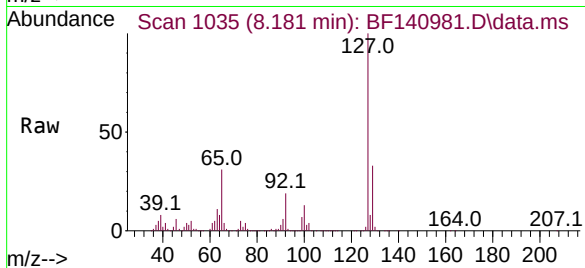
#33
4-Chloroaniline
Concen: 38.537 ng
RT: 8.181 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

Instrument :

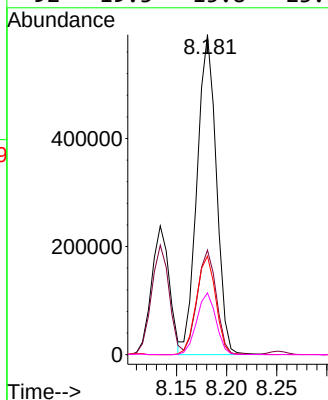
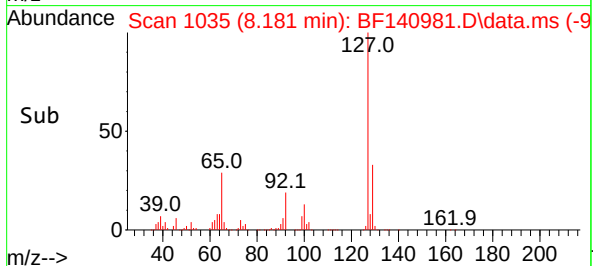
BNA_F

ClientSampleId :

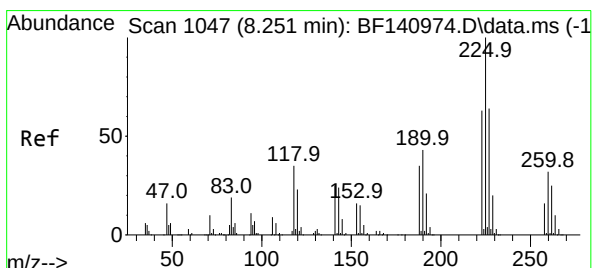
SSTDCCC040



Tgt Ion:127 Resp: 79348
Ion Ratio Lower Upper
127 100
129 32.7 26.1 39.1
65 30.8 24.6 37.0
92 19.3 15.8 23.6

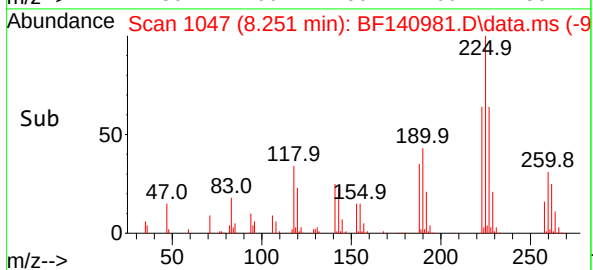
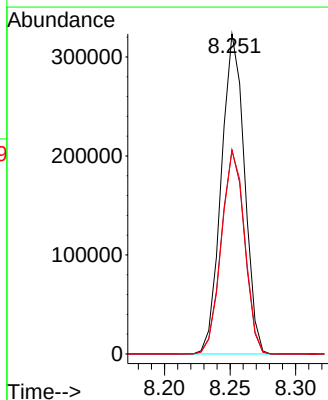
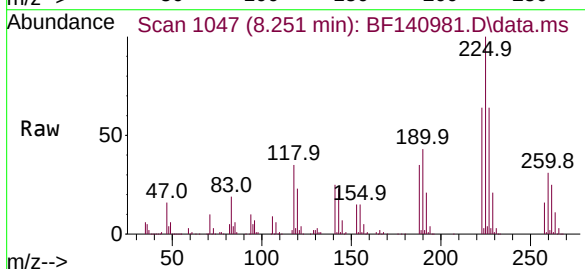
Manual Integrations
APPROVEDReviewed By :Yogesh
Patel12/30/2024
Supervised By :mohammad
ahmed

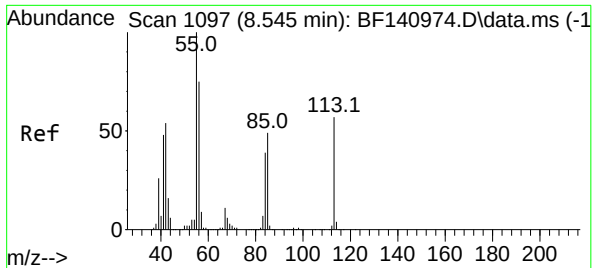
12/30/2024



#34
Hexachlorobutadiene
Concen: 39.043 ng
RT: 8.251 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

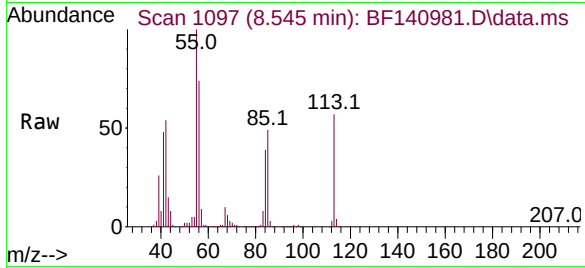
Tgt Ion:225 Resp: 396700
Ion Ratio Lower Upper
225 100
223 63.7 50.3 75.5
227 63.7 50.8 76.2





#35
Caprolactam
Concen: 38.767 ng m
RT: 8.545 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

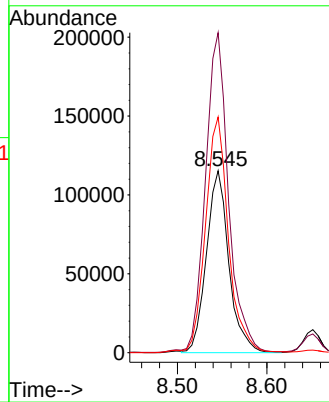
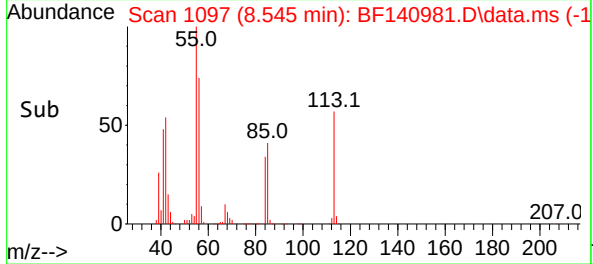
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:113 Resp: 200684
Ion Ratio Lower Upper
113 100
55 176.0 156.6 196.6
56 129.5 111.7 151.7

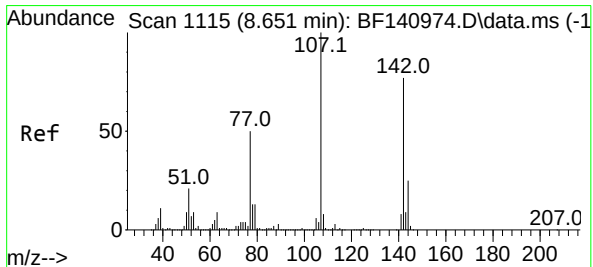
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Patel



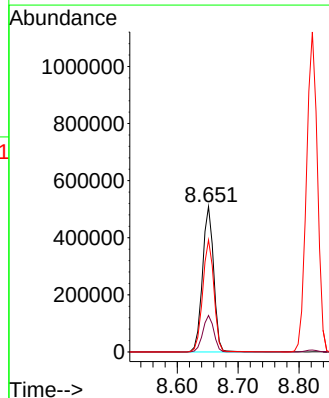
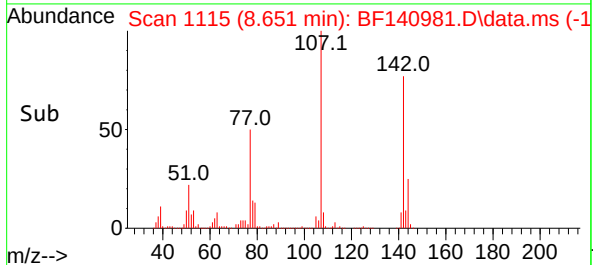
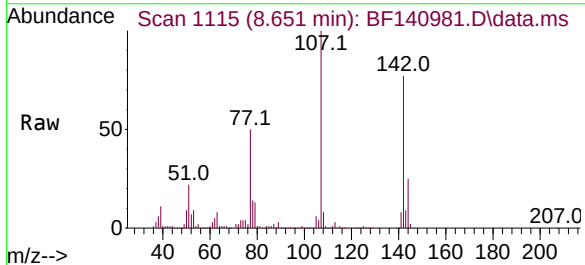
12/30/2024
Supervised By :mohammad
ahmed

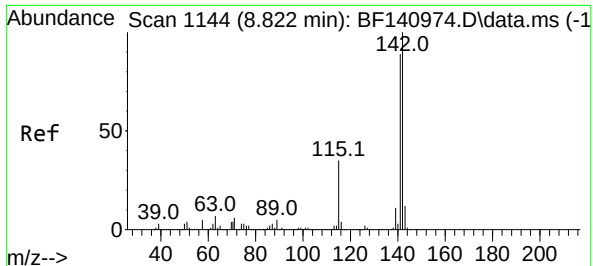
12/30/2024



#36
4-Chloro-3-methylphenol
Concen: 38.590 ng
RT: 8.651 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

Tgt Ion:107 Resp: 652584
Ion Ratio Lower Upper
107 100
144 25.1 19.9 29.9
142 77.1 61.8 92.8





#37
2-Methylnaphthalene
Concen: 38.292 ng
RT: 8.822 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

Instrument :

BNA_F

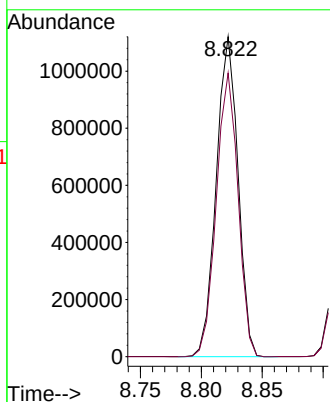
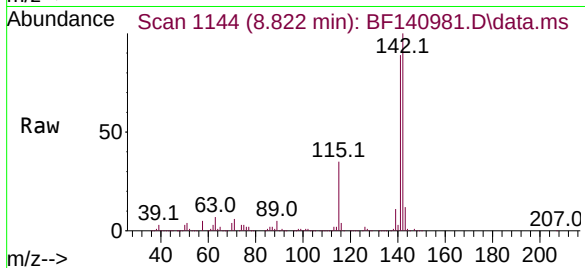
ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 139423
Ion Ratio Lower Upper
142 100
141 88.6 71.1 106.7

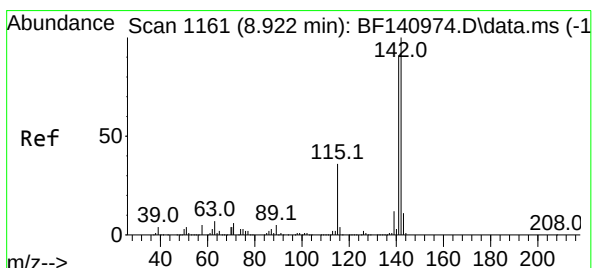
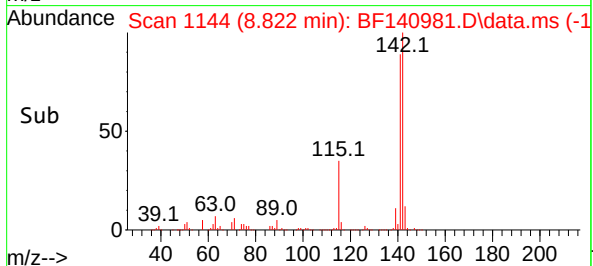
Manual Integrations
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Patel



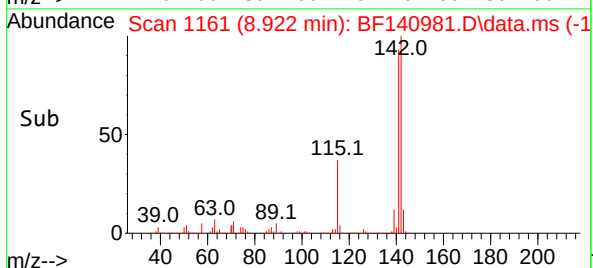
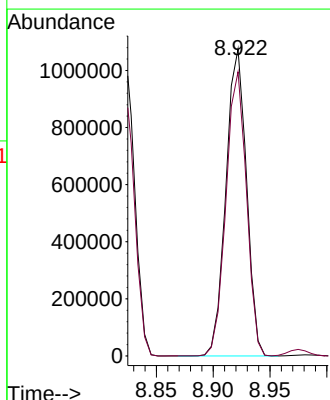
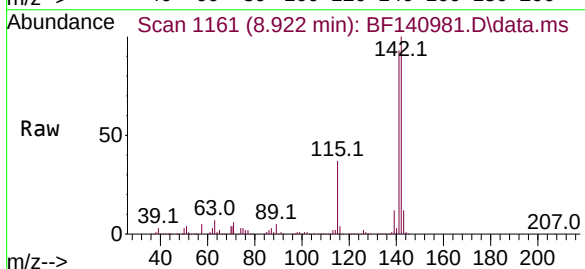
12/30/2024
Supervised By :mohammad
ahmed

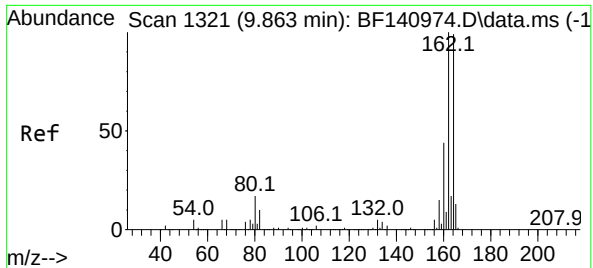
12/30/2024



#38
1-Methylnaphthalene
Concen: 37.780 ng
RT: 8.922 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

Tgt Ion:142 Resp: 1351886
Ion Ratio Lower Upper
142 100
141 92.6 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140981.D

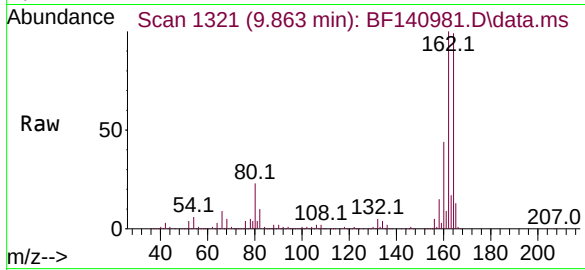
Acq: 27 Dec 2024 08:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 56756

Ion Ratio Lower Upper

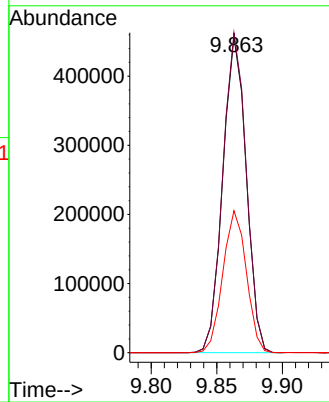
164 100

162 101.3 80.6 120.8

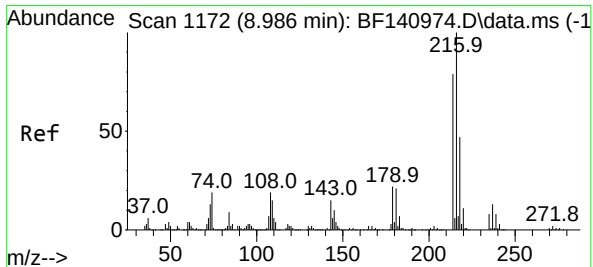
160 44.9 35.7 53.5

Manual Integrations

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Reviewed By :Yogesh
Patel12/30/2024
Supervised By :mohammad
ahmed

12/30/2024



#40

1,2,4,5-Tetrachlorobenzene

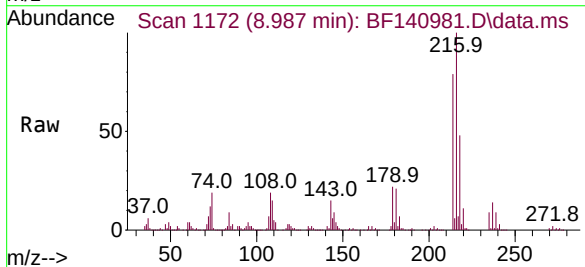
Concen: 39.489 ng

RT: 8.987 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF140981.D

Acq: 27 Dec 2024 08:19



Tgt Ion:216 Resp: 616591

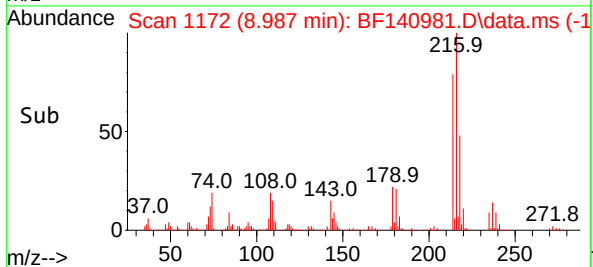
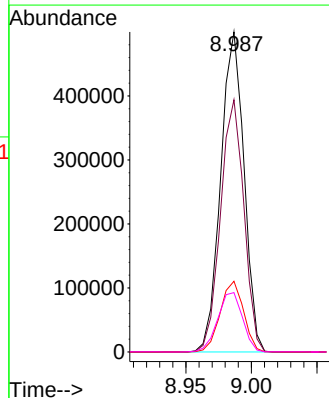
Ion Ratio Lower Upper

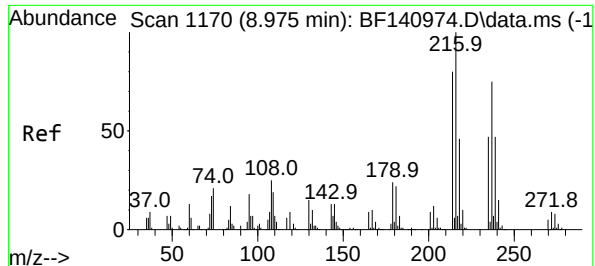
216 100

214 78.8 63.0 94.6

179 22.2 17.9 26.9

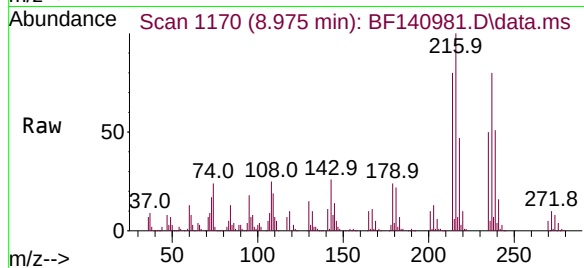
108 19.9 16.2 24.2





#41
Hexachlorocyclopentadiene
Concen: 40.546 ng
RT: 8.975 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

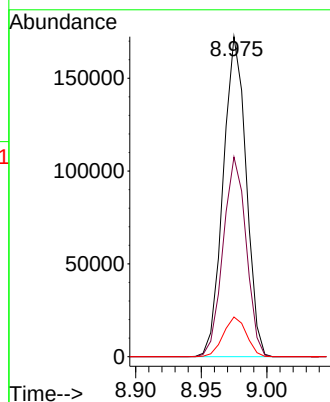
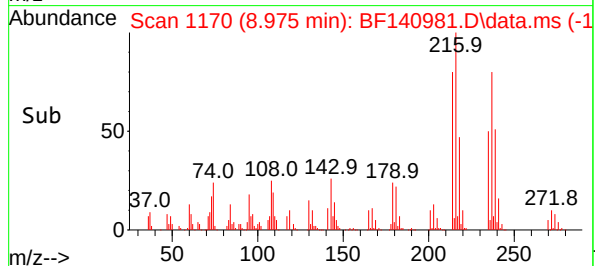
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 237 Resp: 209800
Ion Ratio Lower Upper
237 100
235 62.4 43.4 83.4
272 12.4 0.0 32.6

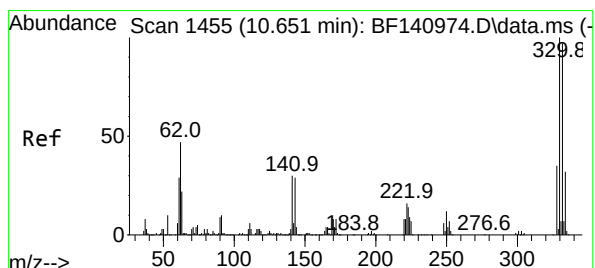
Manual Integrations
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Reviewed By : Yogesh
Patel

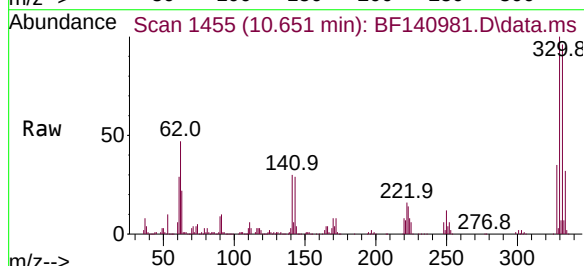


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Supervised By : mohammad
ahmed

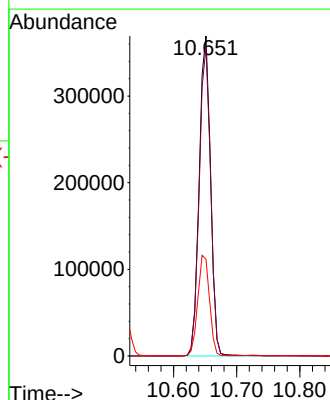
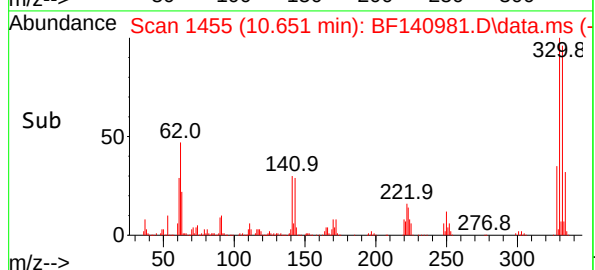
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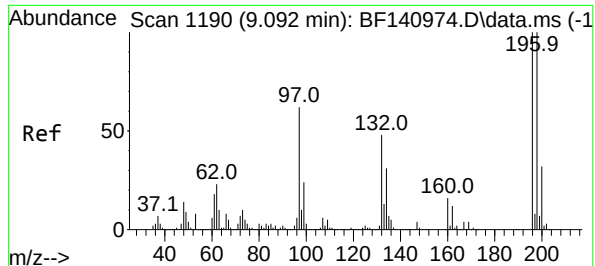


#42
2,4,6-Tribromophenol
Concen: 83.751 ng
RT: 10.651 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19



Tgt Ion: 330 Resp: 461893
Ion Ratio Lower Upper
330 100
332 96.4 78.0 117.0
141 32.4 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 40.039 ng

RT: 9.092 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF140981.D

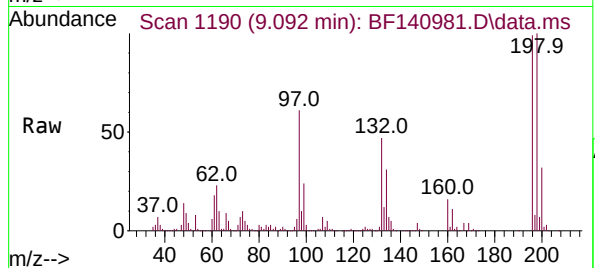
Acq: 27 Dec 2024 08:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:196 Resp: 416089

Ion Ratio Lower Upper

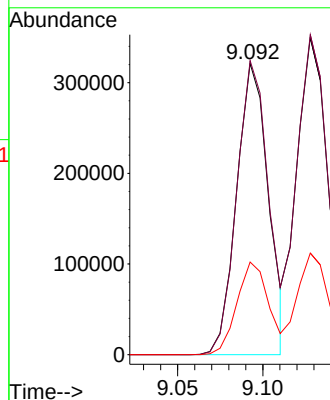
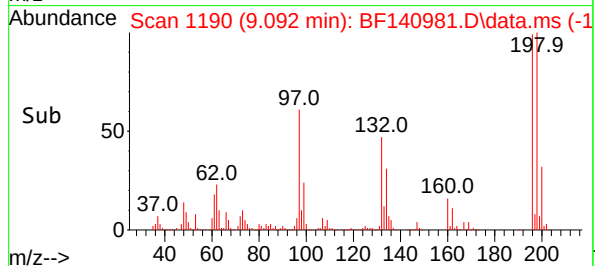
196 100

198 101.0 80.2 120.4

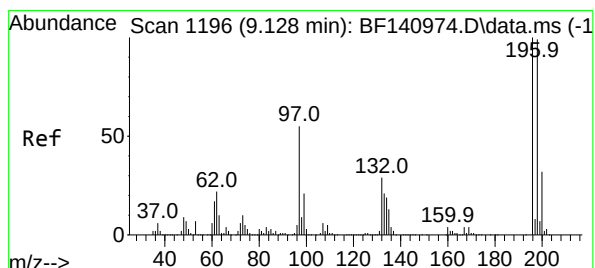
200 31.8 25.8 38.6

Manual Integrations

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Reviewed By :Yogesh
Patel12/30/2024
Supervised By :mohammad
ahmed

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#44

2,4,5-Trichlorophenol

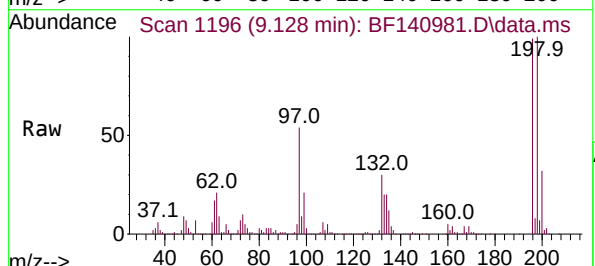
Concen: 41.666 ng

RT: 9.128 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF140981.D

Acq: 27 Dec 2024 08:19



Tgt Ion:196 Resp: 443044

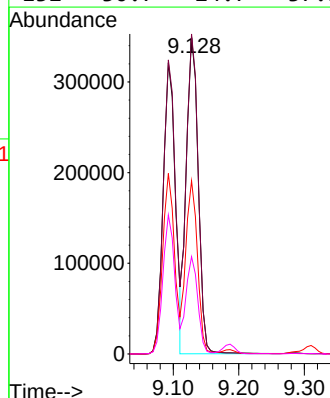
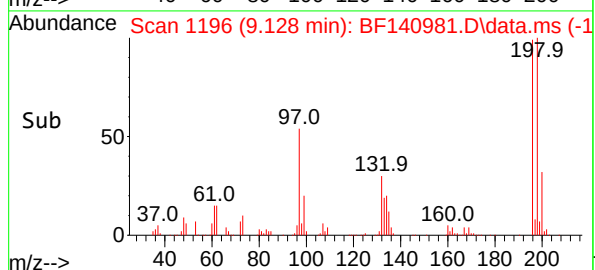
Ion Ratio Lower Upper

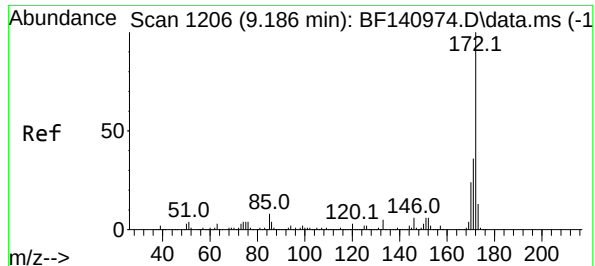
196 100

198 100.9 79.9 119.9

97 54.6 44.3 66.5

132 30.7 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 76.481 ng

RT: 9.187 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF140981.D

Acq: 27 Dec 2024 08:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 2724500

Ion Ratio Lower Upper

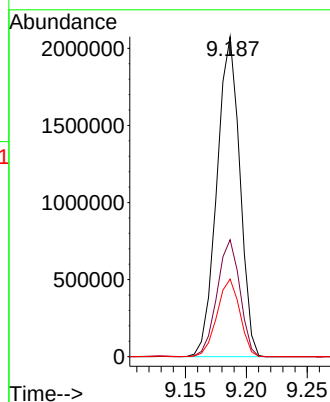
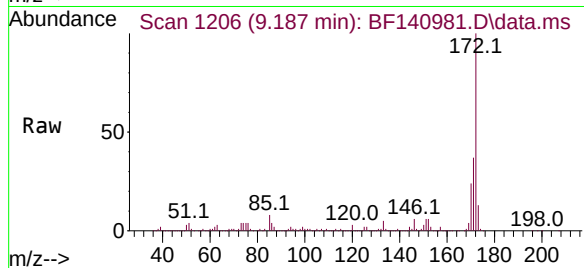
172 100

171 36.6 29.0 43.4

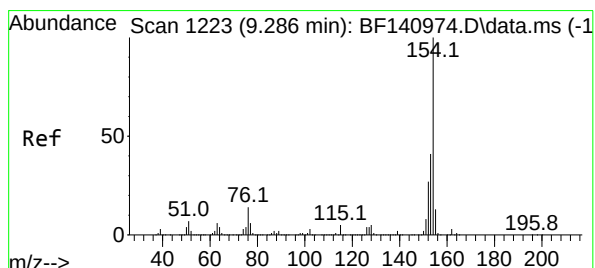
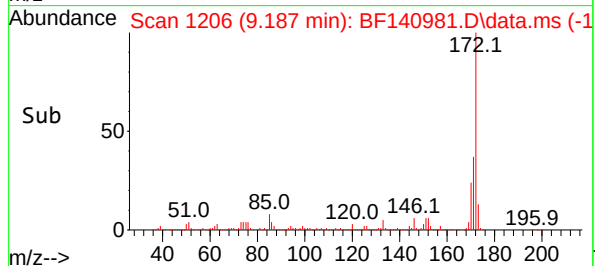
170 24.3 19.6 29.4

Manual Integrations

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Reviewed By :Yogesh
Patel12/30/2024
Supervised By :mohammad
ahmed

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#46

1,1'-Biphenyl

Concen: 39.174 ng

RT: 9.287 min Scan# 1223

Delta R.T. 0.001 min

Lab File: BF140981.D

Acq: 27 Dec 2024 08:19

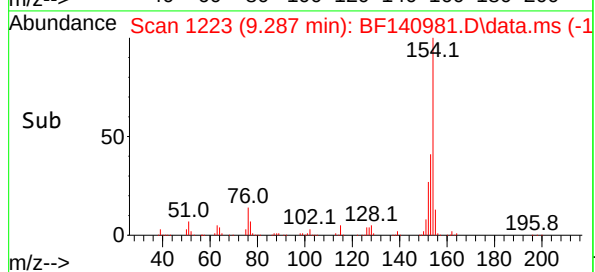
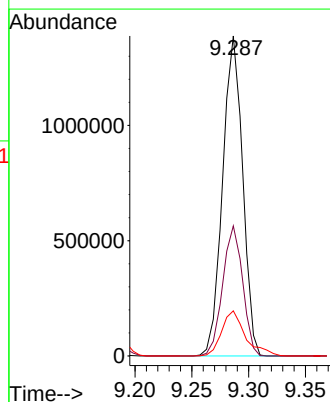
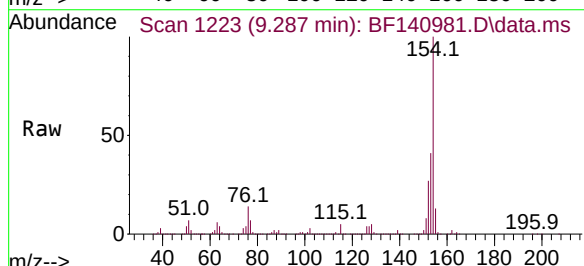
Tgt Ion:154 Resp: 1702421

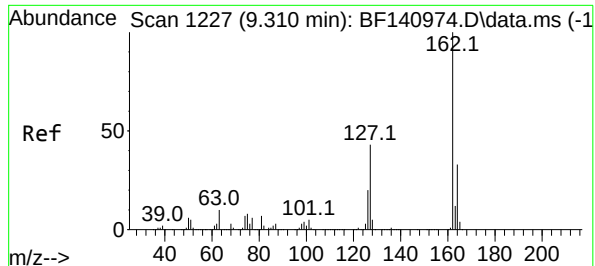
Ion Ratio Lower Upper

154 100

153 40.7 20.9 60.9

76 14.1 0.0 34.0





#47

2-Chloronaphthalene

Concen: 39.194 ng

RT: 9.310 min Scan# 1227

Delta R.T. 0.000 min

Lab File: BF140981.D

Acq: 27 Dec 2024 08:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 1321020

Ion Ratio Lower Upper

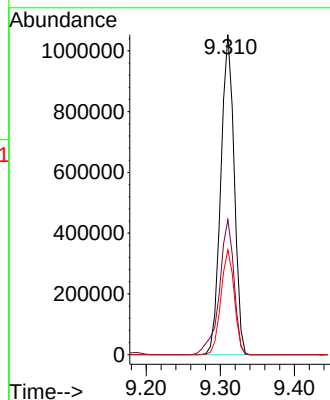
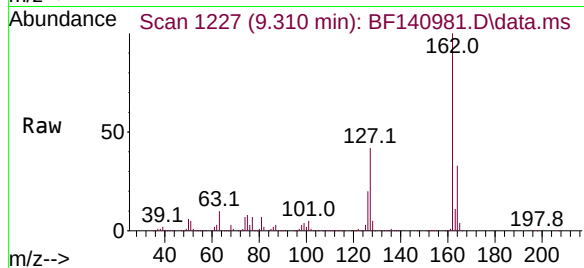
162 100

127 42.2 34.2 51.4

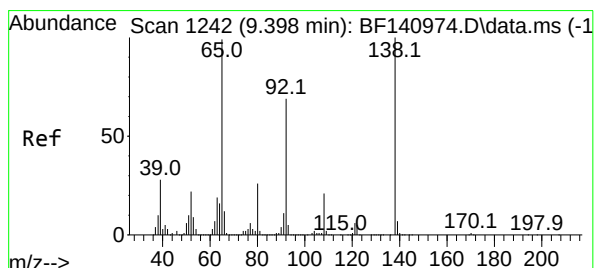
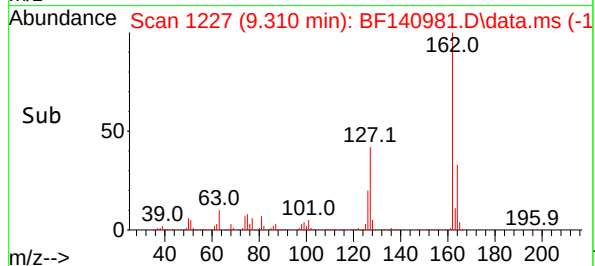
164 32.8 26.6 40.0

Manual Integrations

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Patel12/30/2024
Supervised By :mohammad
ahmed

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#48

2-Nitroaniline

Concen: 41.569 ng

RT: 9.404 min Scan# 1243

Delta R.T. 0.006 min

Lab File: BF140981.D

Acq: 27 Dec 2024 08:19

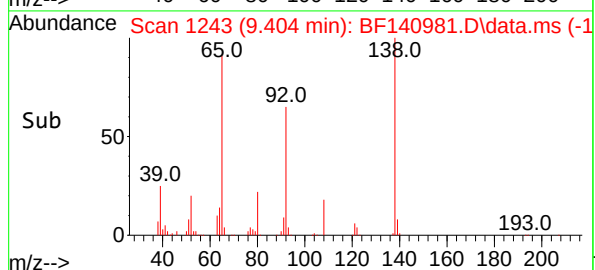
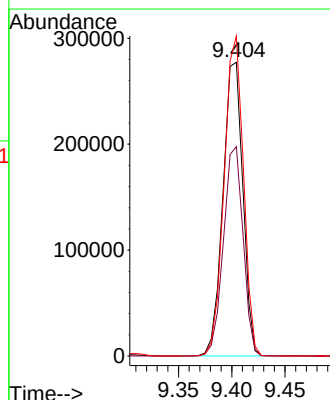
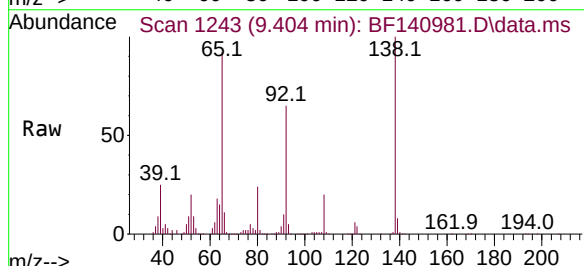
Tgt Ion: 65 Resp: 360451

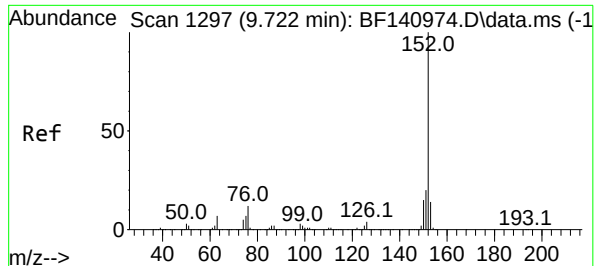
Ion Ratio Lower Upper

65 100

92 71.2 55.6 83.4

138 108.9 80.5 120.7





#49

Acenaphthylene

Concen: 38.857 ng

RT: 9.728 min Scan# 1297

Delta R.T. 0.006 min

Lab File: BF140981.D

Acq: 27 Dec 2024 08:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 1885320

Ion Ratio Lower Upper

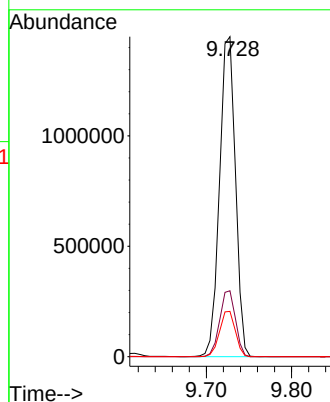
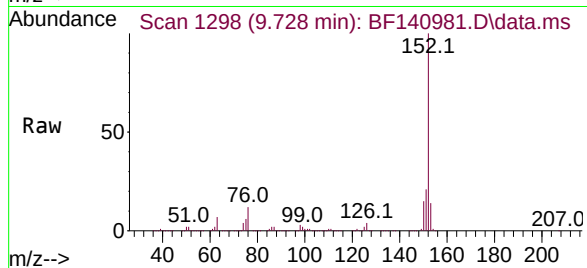
152 100

151 20.6 16.2 24.4

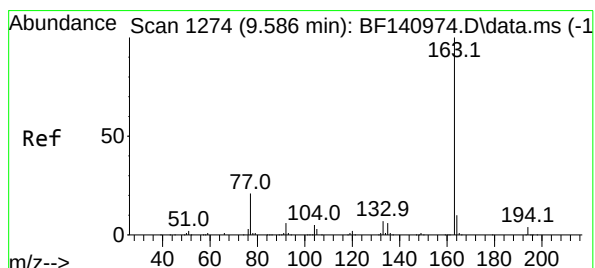
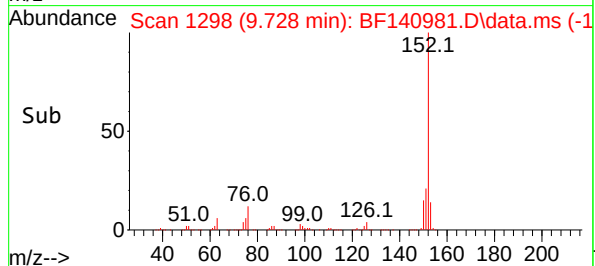
153 14.2 11.4 17.0

Manual Integrations

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Patel12/30/2024
Supervised By :mohammad
ahmed

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#50

Dimethylphthalate

Concen: 39.119 ng

RT: 9.587 min Scan# 1274

Delta R.T. 0.001 min

Lab File: BF140981.D

Acq: 27 Dec 2024 08:19

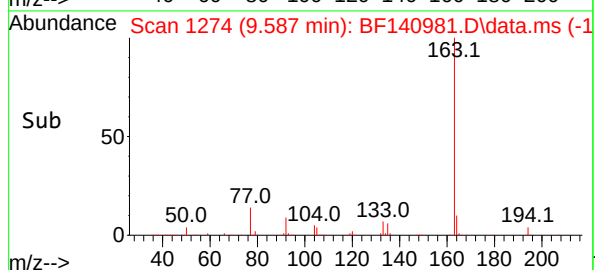
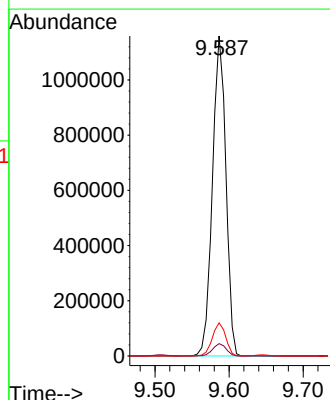
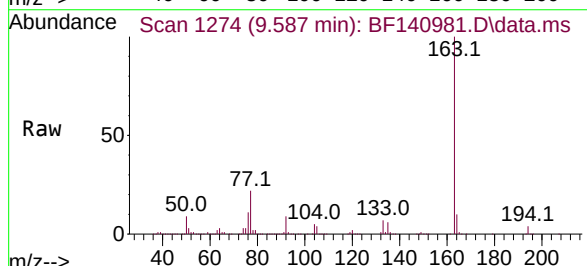
Tgt Ion:163 Resp: 1460417

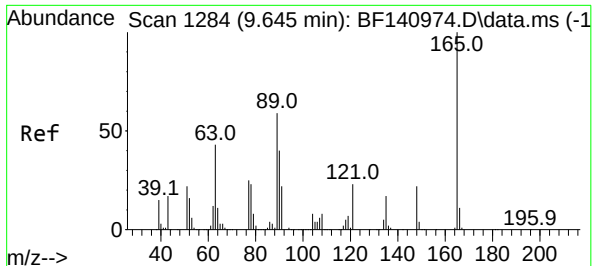
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.3 8.3 12.5





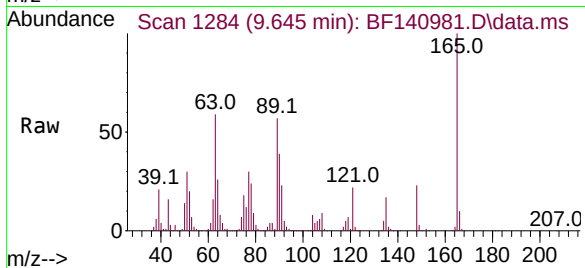
#51
2,6-Dinitrotoluene
Concen: 42.567 ng
RT: 9.645 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

Instrument :

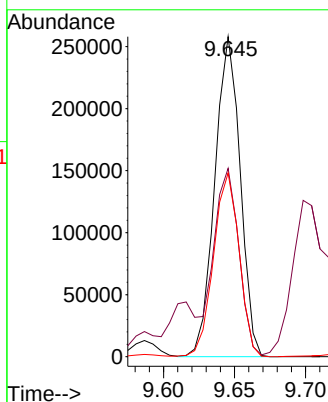
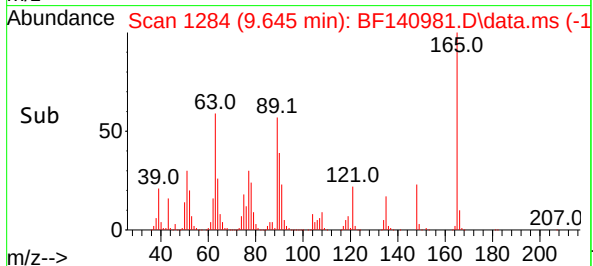
BNA_F

ClientSampleId :

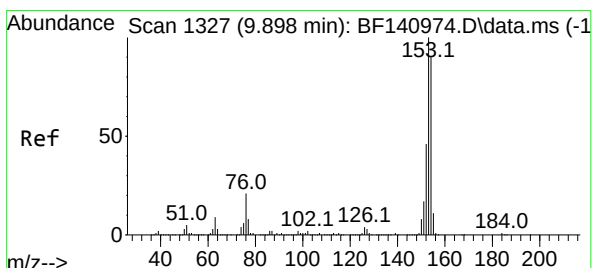
SSTDCCC040



Tgt Ion:165 Resp: 320670
Ion Ratio Lower Upper
165 100
63 58.9 47.1 70.7
89 57.4 47.0 70.4

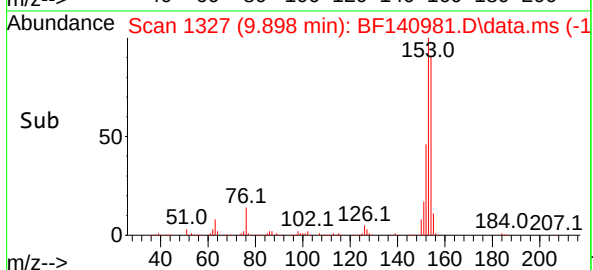
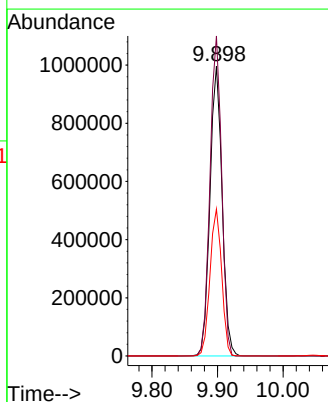
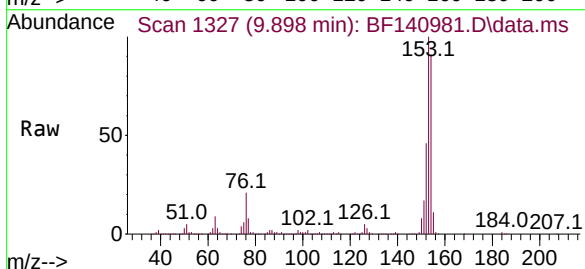
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Supervised By :mohammad
ahmed

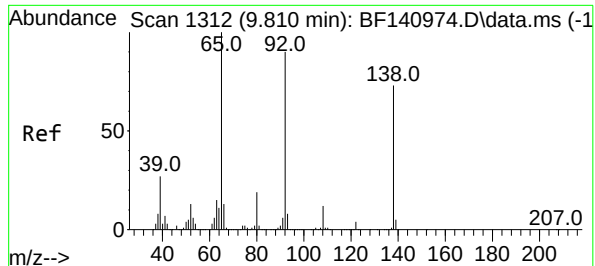
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#52
Acenaphthene
Concen: 39.132 ng
RT: 9.898 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

Tgt Ion:154 Resp: 1283578
Ion Ratio Lower Upper
154 100
153 110.4 89.2 133.8
152 50.7 40.9 61.3





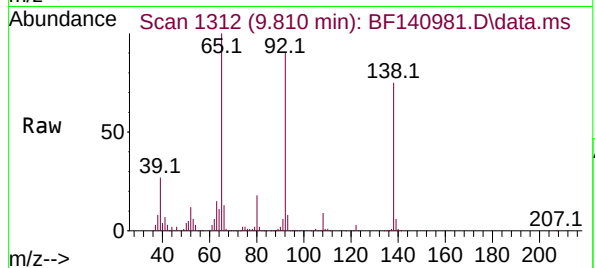
#53
3-Nitroaniline
Concen: 42.429 ng
RT: 9.810 min Scan# 1312
Delta R.T. 0.000 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

Instrument :

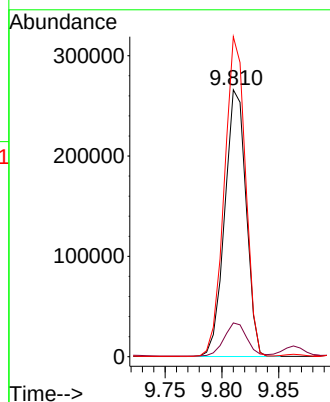
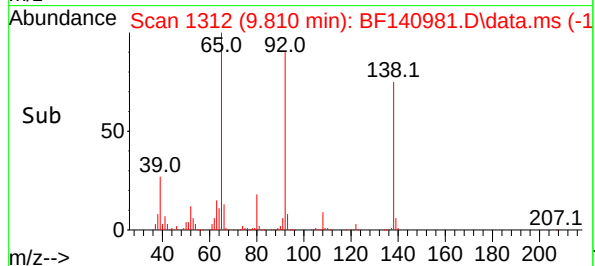
BNA_F

ClientSampleId :

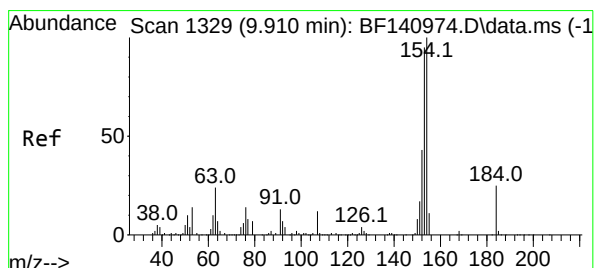
SSTDCCC040



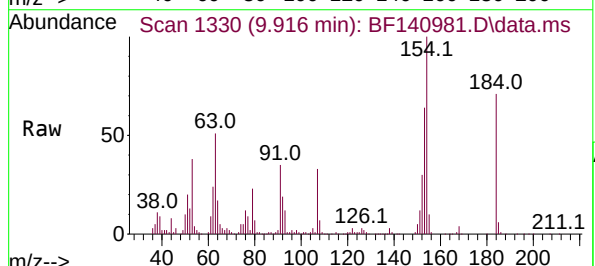
Tgt Ion:138 Resp: 347925
Ion Ratio Lower Upper
138 100
108 12.7 13.5 20.3#
92 119.9 97.7 146.5

Manual Integrations
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Patel12/30/2024
Supervised By :mohammad
ahmed

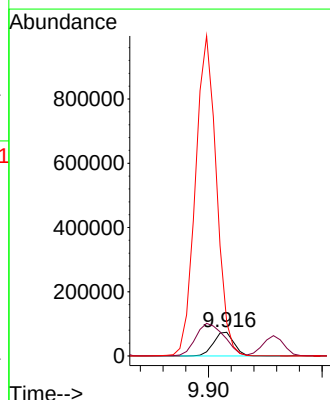
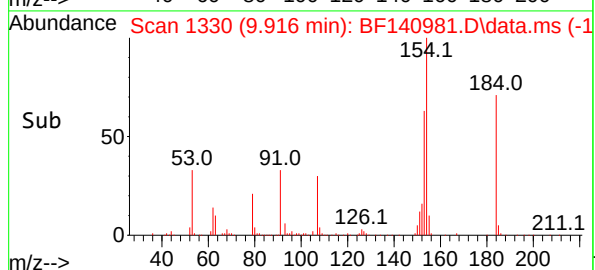
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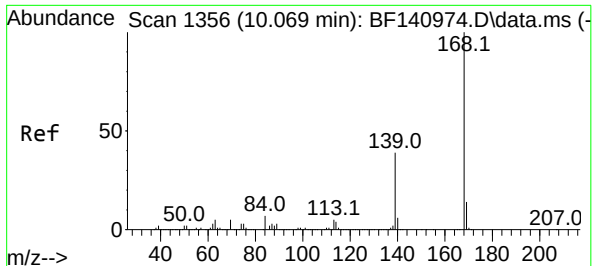


#54
2,4-Dinitrophenol
Concen: 41.265 ng
RT: 9.916 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19



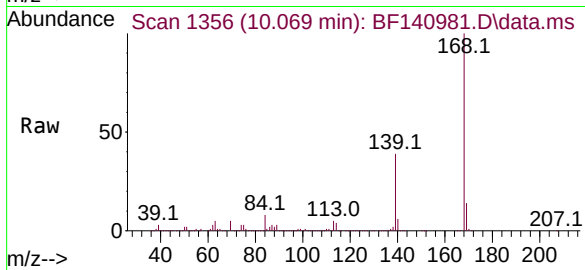
Tgt Ion:184 Resp: 92421
Ion Ratio Lower Upper
184 100
63 71.7 81.6 122.4#
154 140.2 363.5 545.3#





#55
Dibenzofuran
Concen: 38.885 ng
RT: 10.069 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

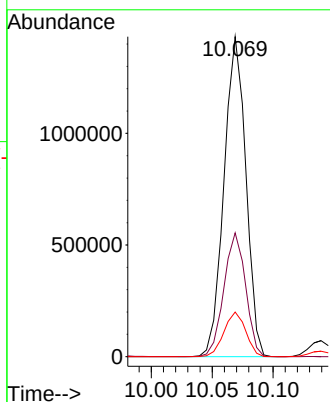
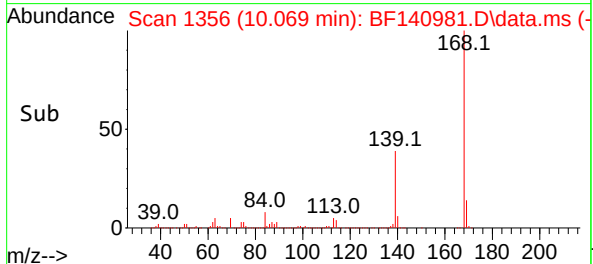
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 1792488
Ion Ratio Lower Upper
168 100
139 38.7 31.6 47.4
169 13.9 11.0 16.6

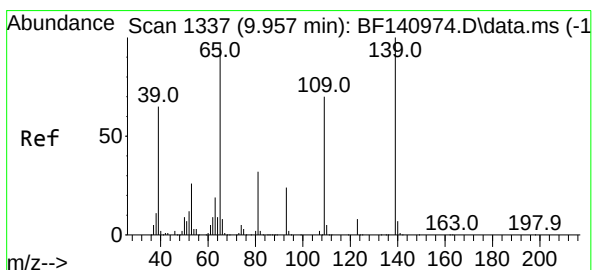
Manual Integrations
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Patel



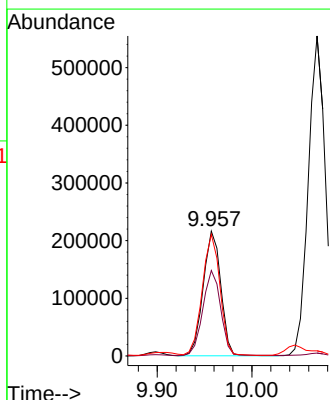
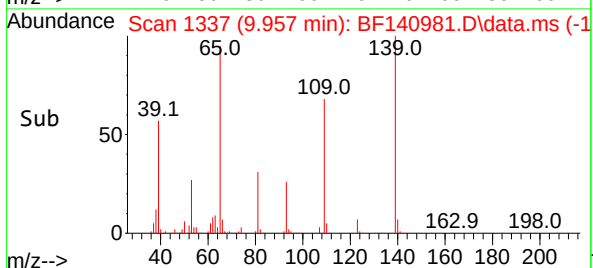
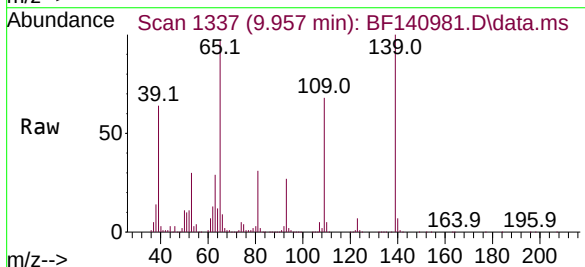
12/30/2024
Supervised By :mohammad
ahmed

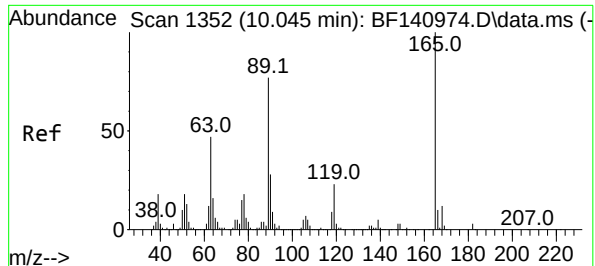
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#56
4-Nitrophenol
Concen: 43.750 ng
RT: 9.957 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

Tgt Ion:139 Resp: 279388
Ion Ratio Lower Upper
139 100
109 68.5 50.8 90.8
65 97.5 78.5 118.5





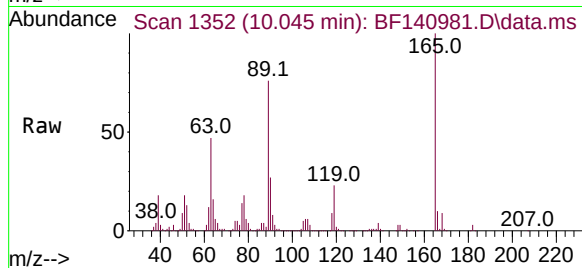
#57
2,4-Dinitrotoluene
Concen: 42.991 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

Instrument :

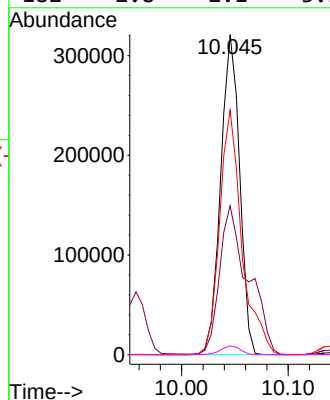
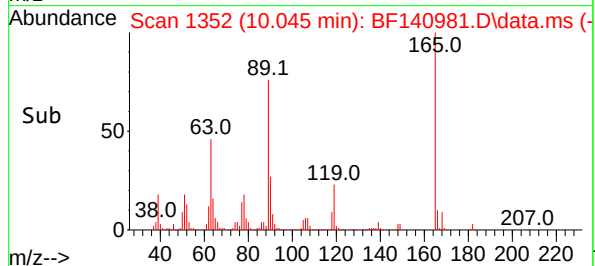
BNA_F

ClientSampleId :

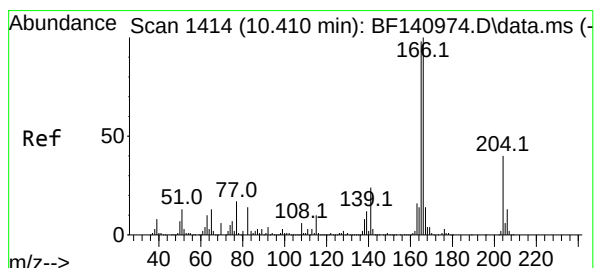
SSTDCCC040



Tgt Ion:165 Resp: 395699
Ion Ratio Lower Upper
165 100
63 46.5 38.1 57.1
89 76.5 61.4 92.2
182 2.8 2.1 3.1

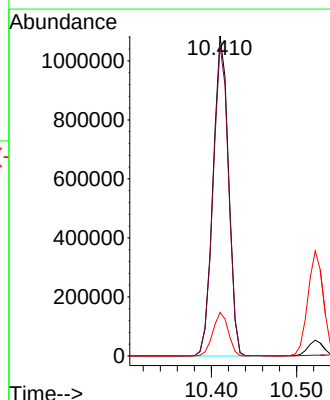
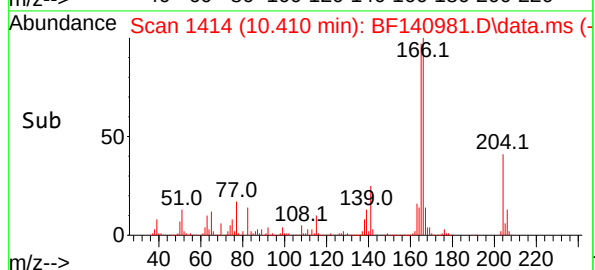
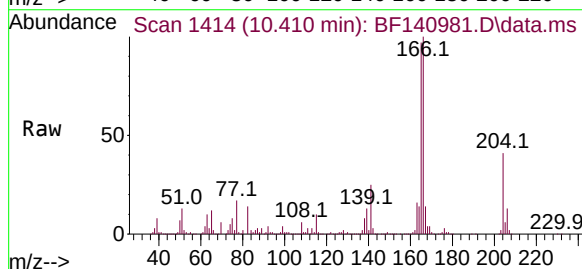
Manual Integrations
APPROVEDReviewed By :Yogesh
Patel12/30/2024
Supervised By :mohammad
ahmed

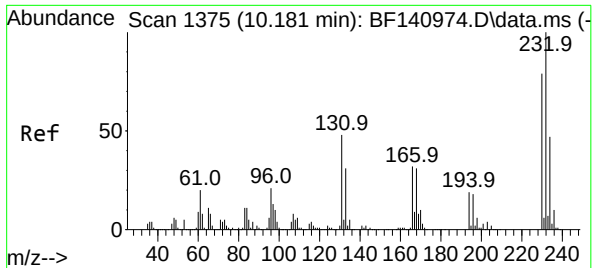
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#58
Fluorene
Concen: 38.258 ng
RT: 10.410 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

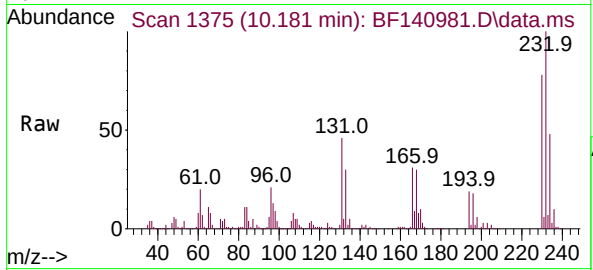
Tgt Ion:166 Resp: 1367597
Ion Ratio Lower Upper
166 100
165 97.1 78.3 117.5
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.984 ng
RT: 10.181 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

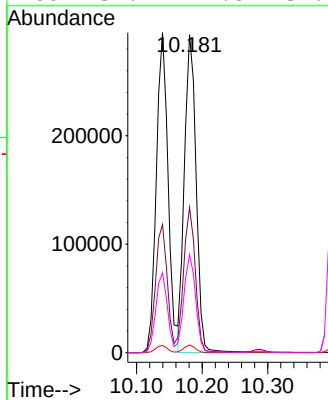
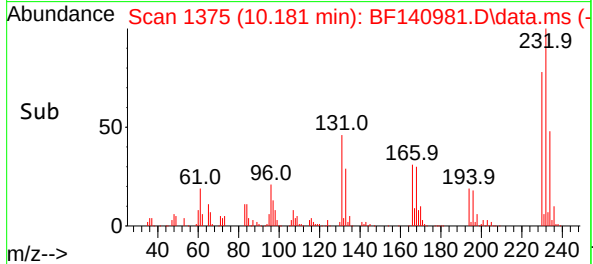
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:232 Resp: 36091
Ion Ratio Lower Upper
232 100
131 46.2 37.4 56.2
130 2.4 1.8 2.8
166 31.2 24.8 37.2

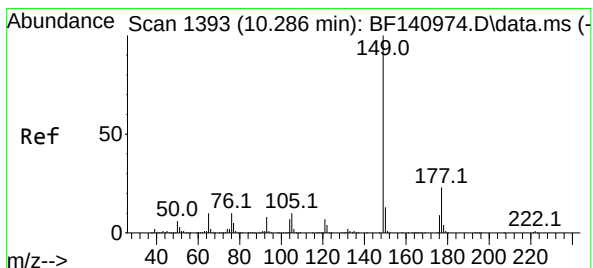
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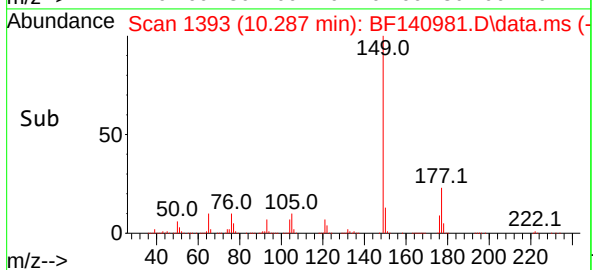
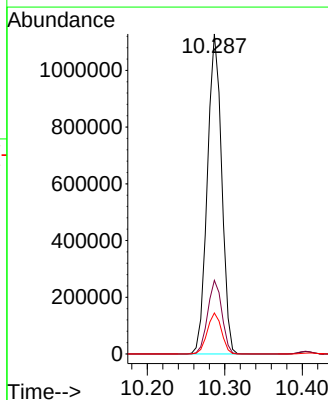
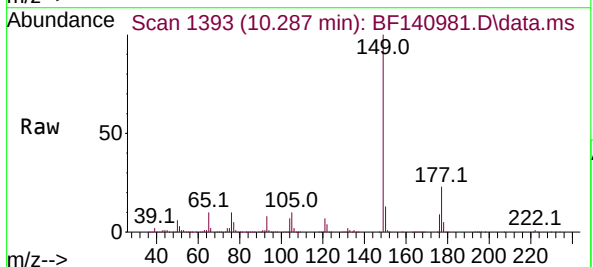
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Supervised By :mohammad
ahmed

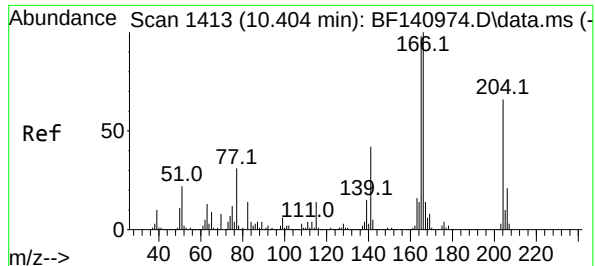
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#60
Diethylphthalate
Concen: 39.217 ng
RT: 10.287 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

Tgt Ion:149 Resp: 1445371
Ion Ratio Lower Upper
149 100
177 23.0 18.3 27.5
150 12.8 10.4 15.6





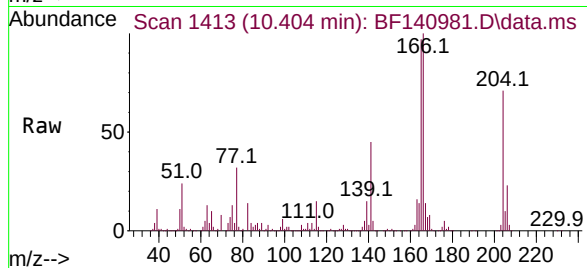
#61
4-Chlorophenyl-phenylether
Concen: 38.863 ng
RT: 10.404 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

Instrument :

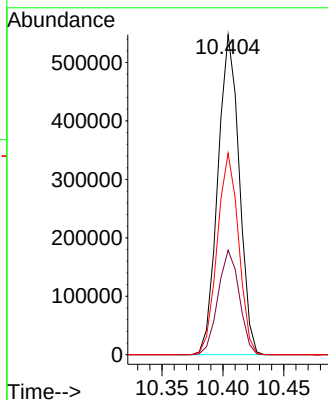
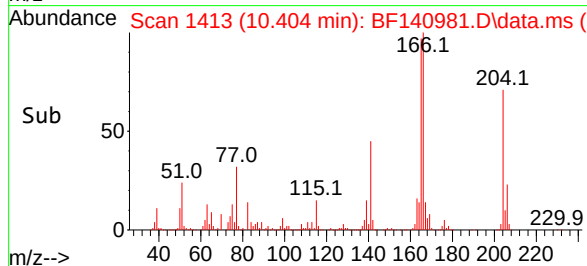
BNA_F

ClientSampleId :

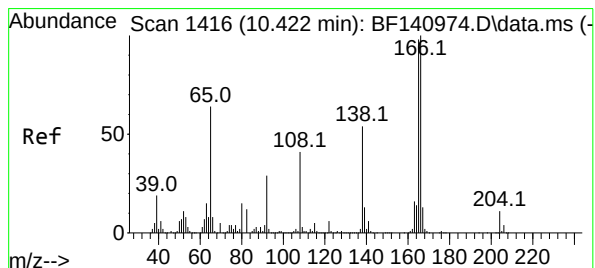
SSTDCCC040



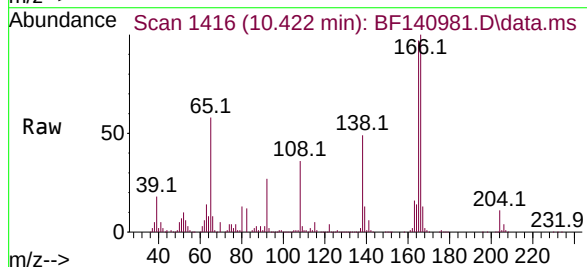
Tgt Ion:204 Resp: 66845
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.6
141 62.9 51.2 76.8

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Supervised By :mohammad
ahmed

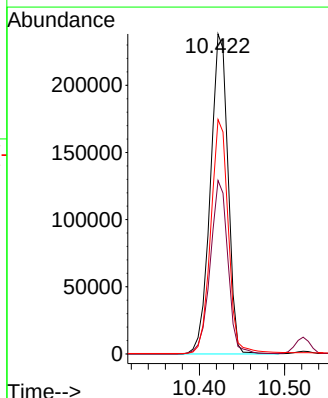
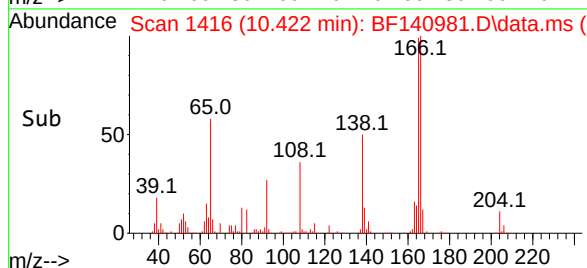
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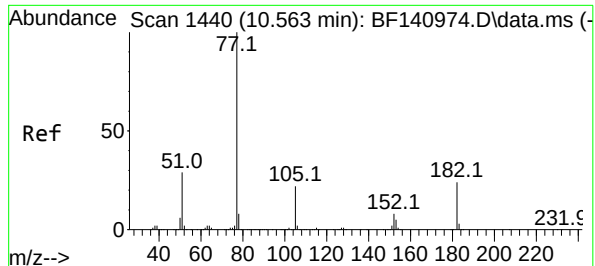


#62
4-Nitroaniline
Concen: 41.772 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19



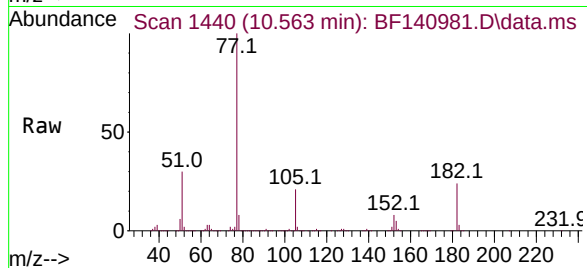
Tgt Ion:138 Resp: 341655
Ion Ratio Lower Upper
138 100
92 54.2 34.8 74.8
108 73.3 55.9 95.9





#63
Azobenzene
Concen: 38.923 ng
RT: 10.563 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

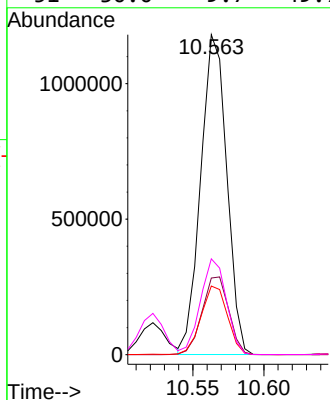
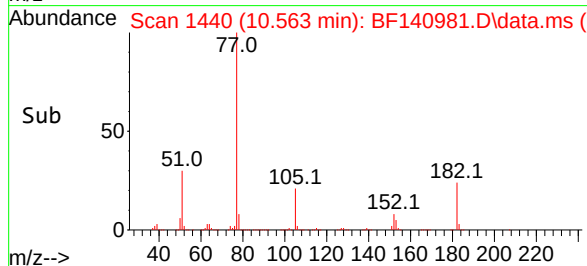
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 1505711
Ion Ratio Lower Upper
77 100
182 24.0 4.1 44.1
105 21.5 1.8 41.8
51 30.0 9.7 49.7

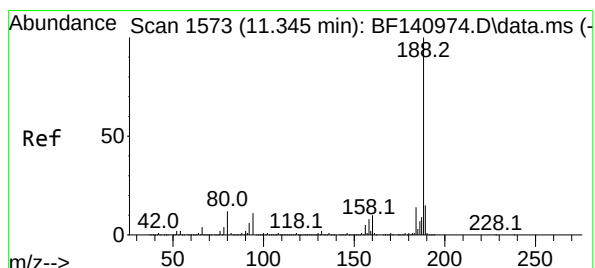
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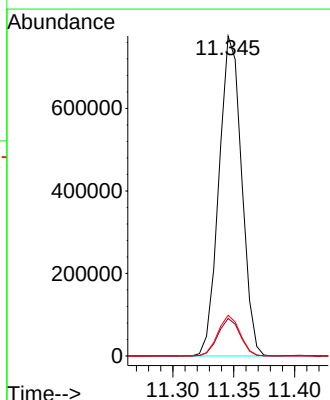
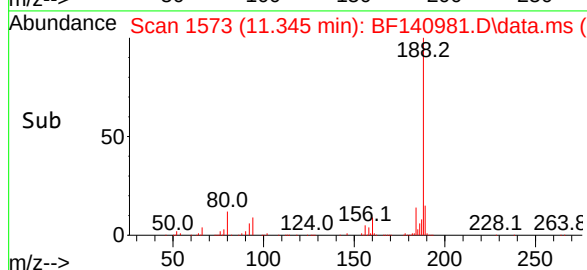
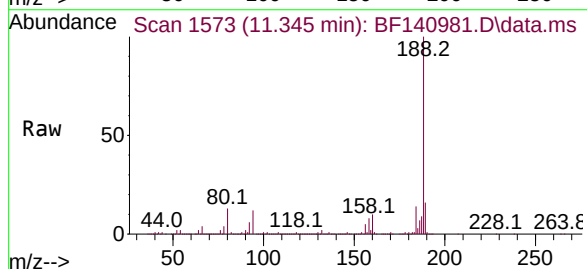
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Supervised By :mohammad
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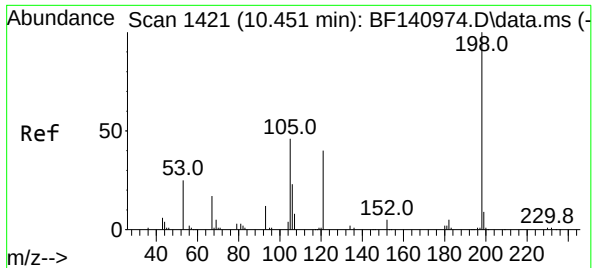
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

Tgt Ion:188 Resp: 1005111
Ion Ratio Lower Upper
188 100
94 11.7 9.0 13.6
80 12.7 9.8 14.6





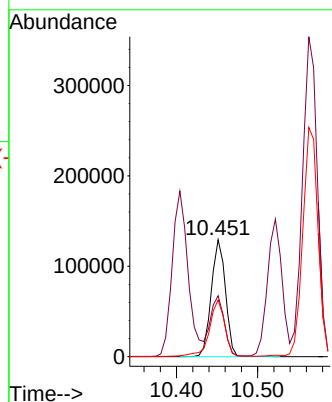
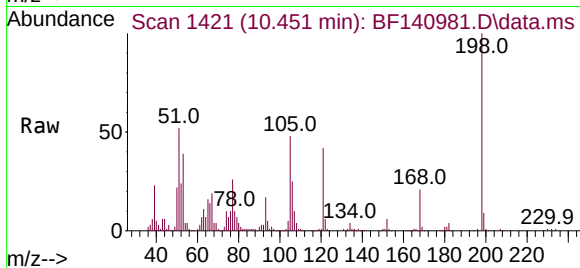
#65
4,6-Dinitro-2-methylphenol
Concen: 40.775 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 156404
Ion Ratio Lower Upper
198 100
51 52.1 32.3 72.3
105 48.4 28.4 68.4

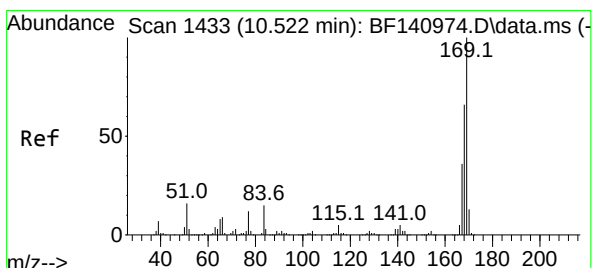
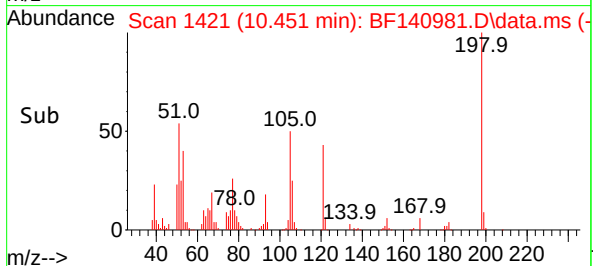
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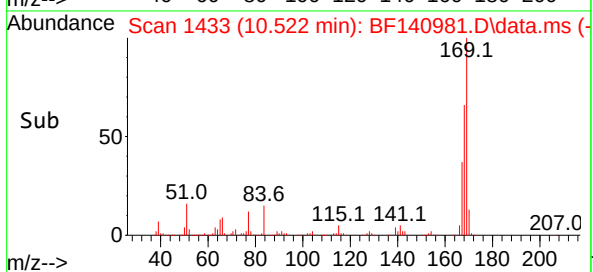
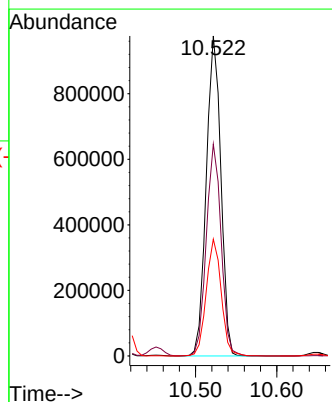
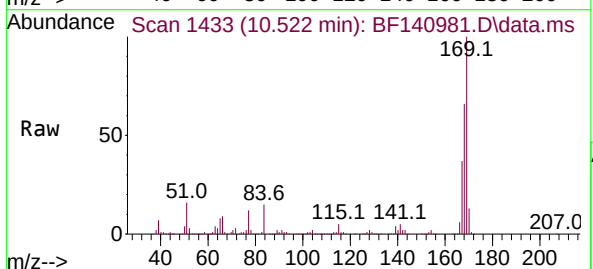
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ahmed

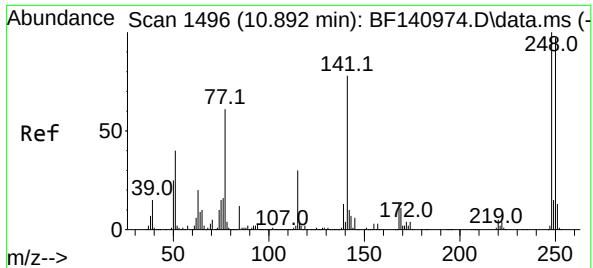
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#66
n-Nitrosodiphenylamine
Concen: 38.382 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

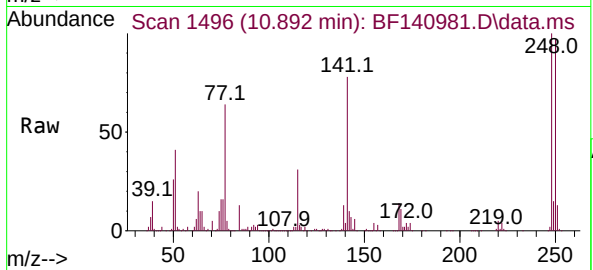
Tgt Ion:169 Resp: 1214814
Ion Ratio Lower Upper
169 100
168 66.2 52.6 79.0
167 36.5 29.0 43.4





#67
4-Bromophenyl-phenylether
Concen: 39.355 ng
RT: 10.892 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

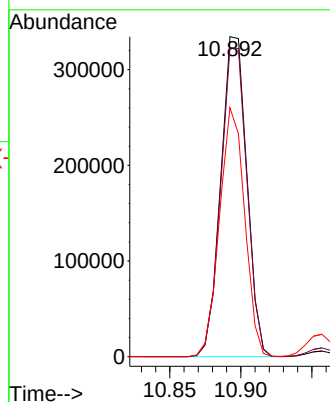
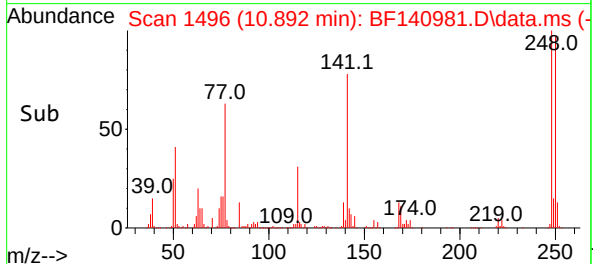
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:248 Resp: 427604
Ion Ratio Lower Upper
248 100
250 96.6 77.7 116.5
141 77.8 62.1 93.1

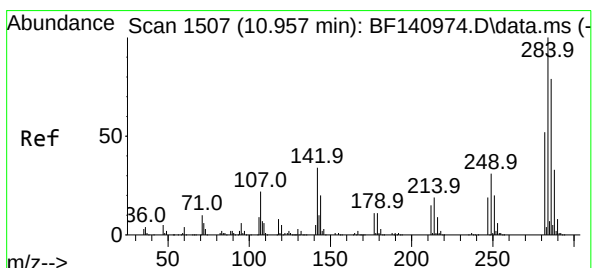
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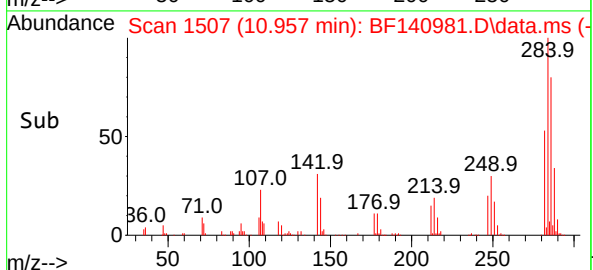
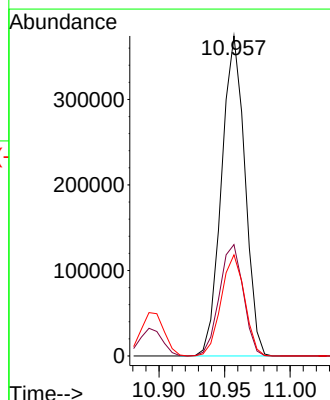
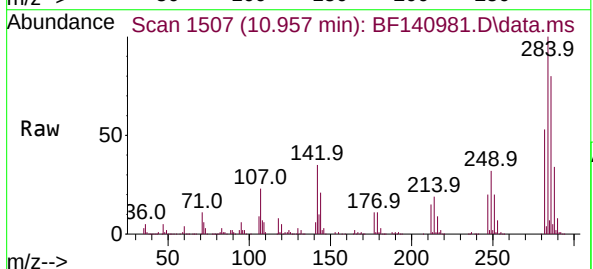
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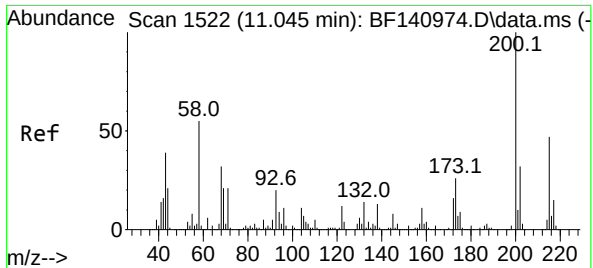
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#68
Hexachlorobenzene
Concen: 38.679 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

Tgt Ion:284 Resp: 463413
Ion Ratio Lower Upper
284 100
142 34.8 27.1 40.7
249 31.6 25.1 37.7





#69

Atrazine

Concen: 35.875 ng

RT: 11.045 min Scan# 1522

Delta R.T. 0.000 min

Lab File: BF140981.D

Acq: 27 Dec 2024 08:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 31721

Ion Ratio Lower Upper

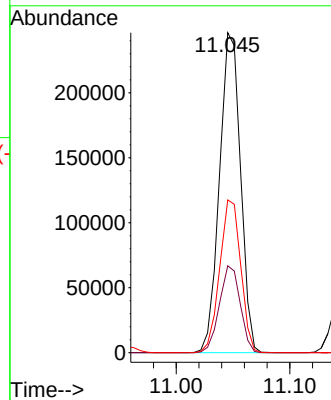
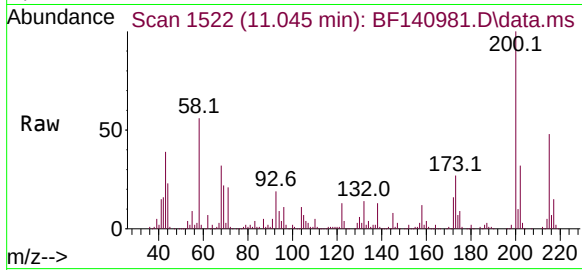
200 100

173 27.1 6.4 46.4

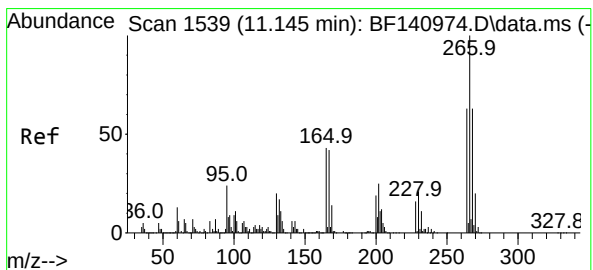
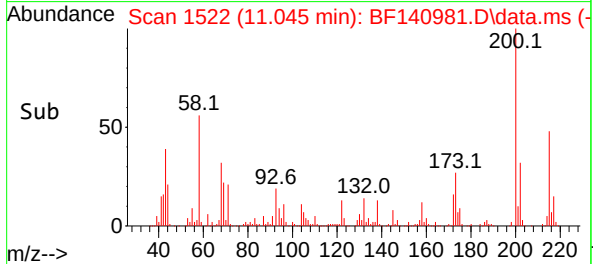
215 47.8 27.2 67.2

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#70

Pentachlorophenol

Concen: 41.924 ng

RT: 11.145 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF140981.D

Acq: 27 Dec 2024 08:19

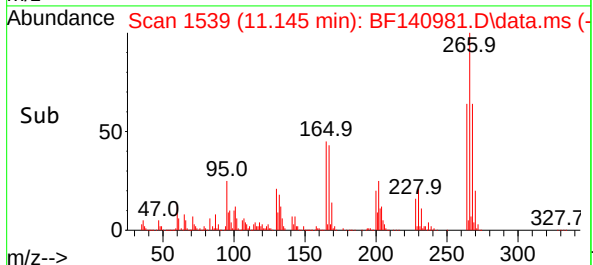
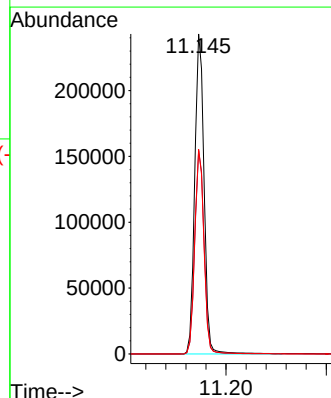
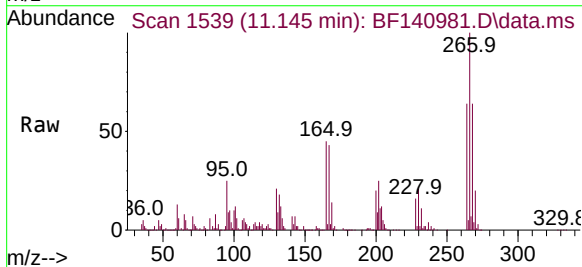
Tgt Ion:266 Resp: 312726

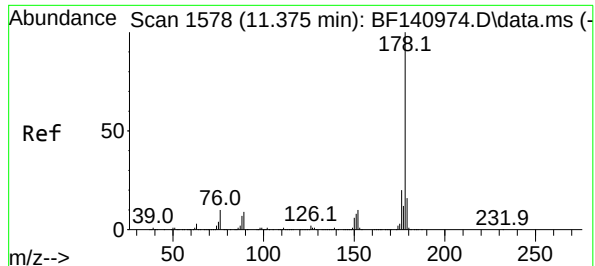
Ion Ratio Lower Upper

266 100

268 63.5 50.5 75.7

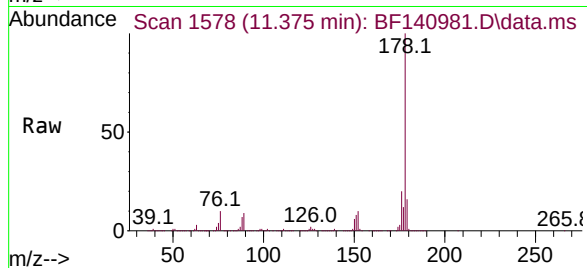
264 64.0 50.2 75.4





#71
Phenanthrene
Concen: 38.466 ng
RT: 11.375 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

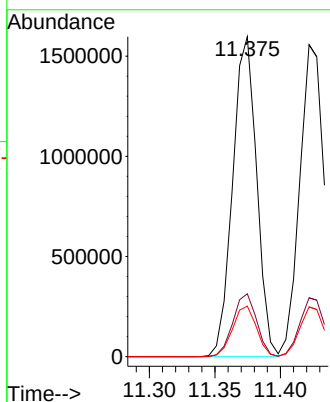
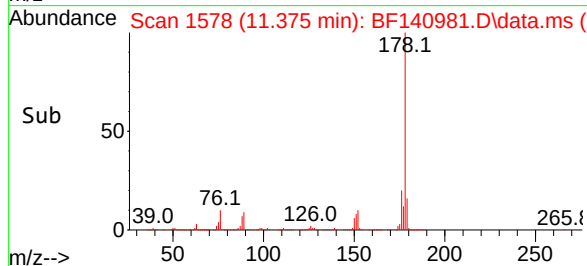
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:178 Resp: 2034845
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 15.8 12.6 19.0

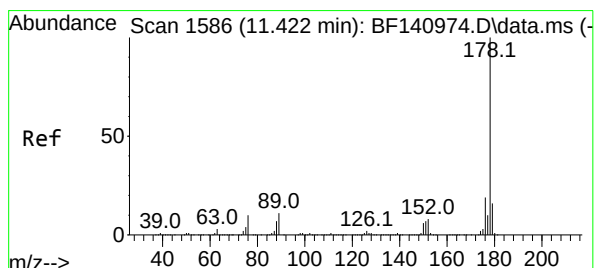
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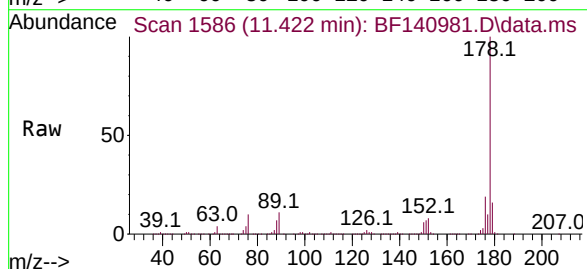


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ahmed

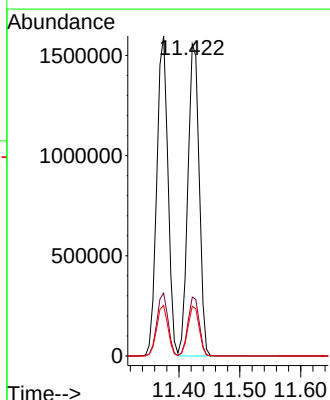
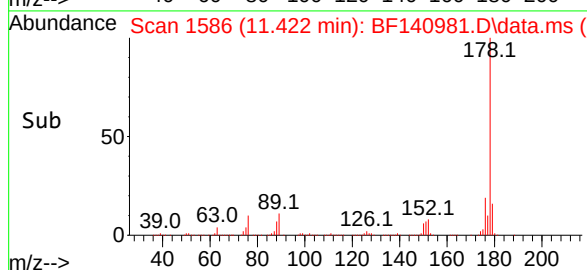
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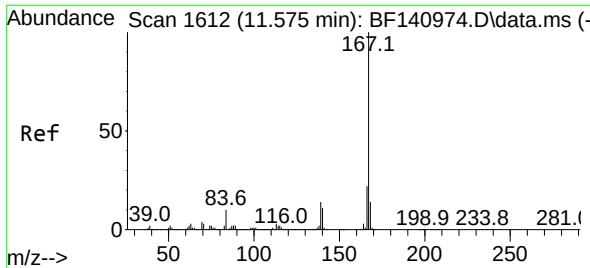


#72
Anthracene
Concen: 38.711 ng
RT: 11.422 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19



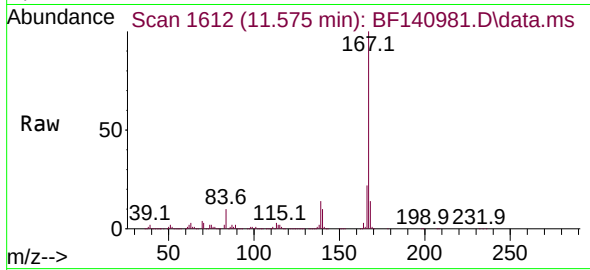
Tgt Ion:178 Resp: 2006587
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.9 12.9 19.3





#73
 Carbazole
 Concen: 38.617 ng
 RT: 11.575 min Scan# 1612
 Delta R.T. 0.000 min
 Lab File: BF140981.D
 Acq: 27 Dec 2024 08:19

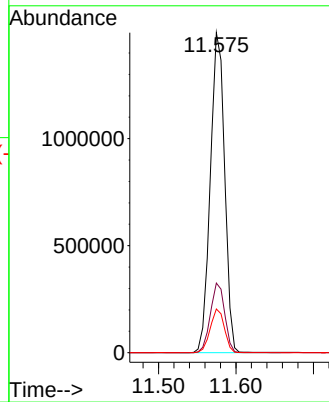
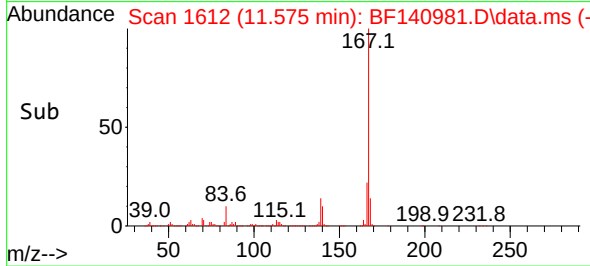
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



Tgt Ion:167 Resp: 1924312
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.5 26.3
 139 13.7 11.0 16.4

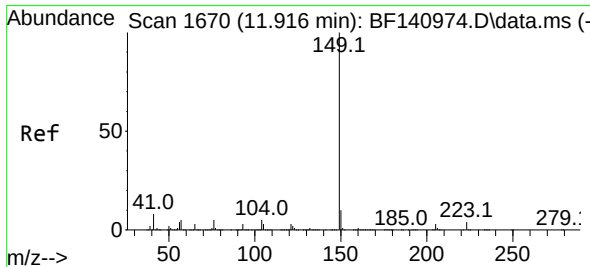
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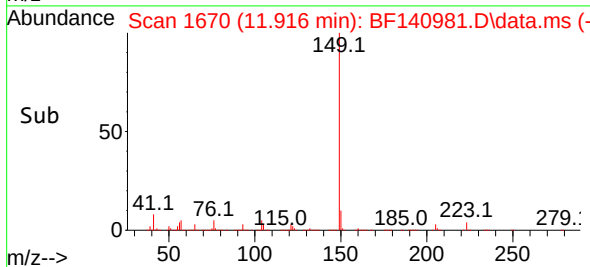
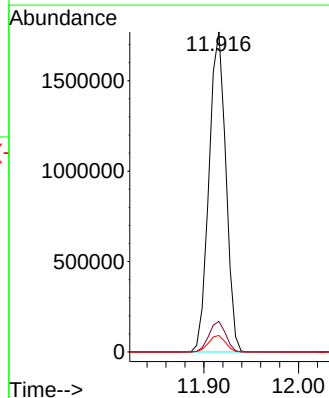
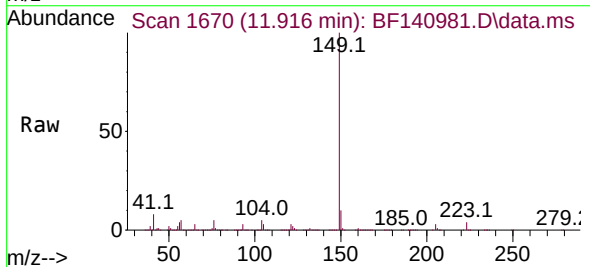
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 ahmed

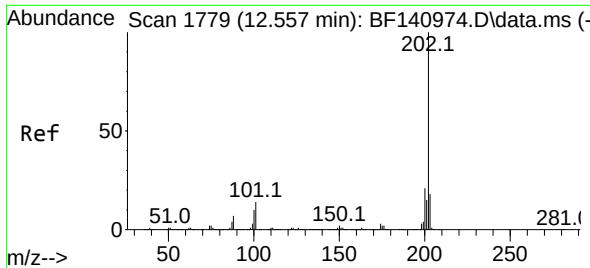
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#74
 Di-n-butylphthalate
 Concen: 38.457 ng
 RT: 11.916 min Scan# 1670
 Delta R.T. 0.000 min
 Lab File: BF140981.D
 Acq: 27 Dec 2024 08:19

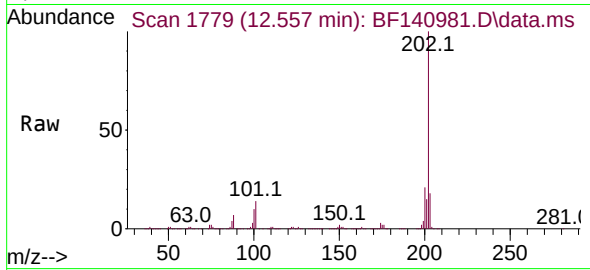
Tgt Ion:149 Resp: 2179635
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 38.330 ng
RT: 12.557 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

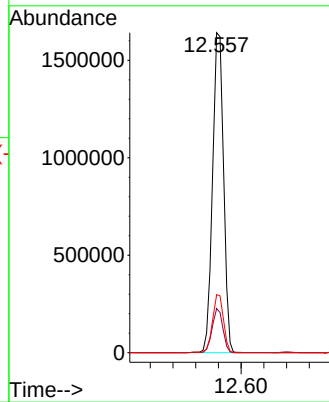
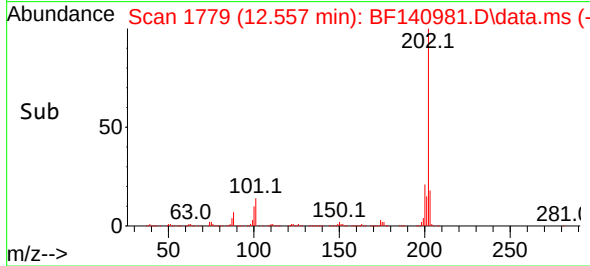
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 219914
Ion Ratio Lower Upper
202 100
101 13.8 0.0 33.7
203 18.1 0.0 38.1

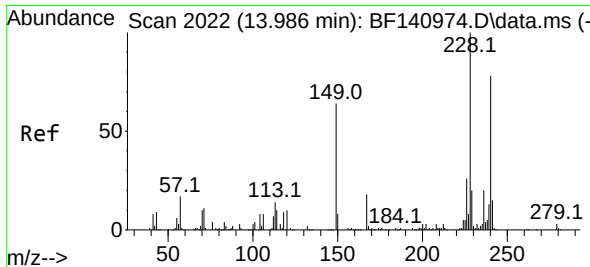
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



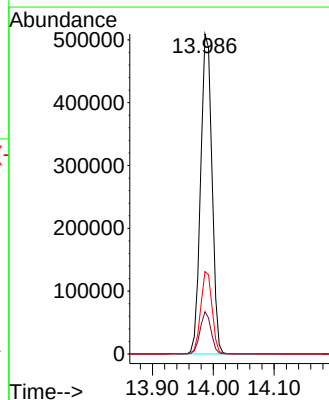
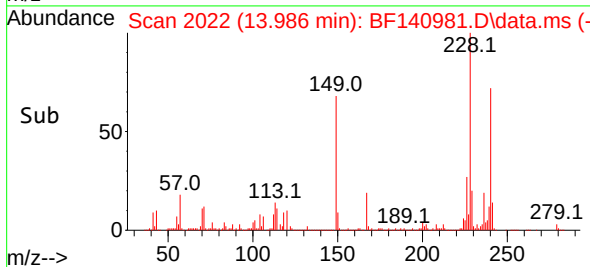
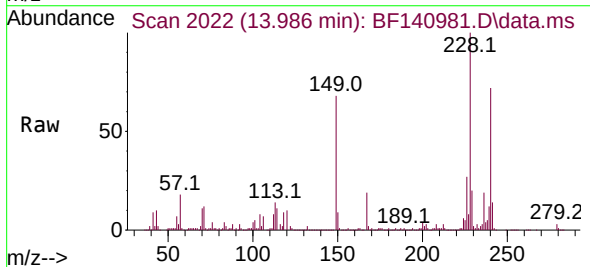
12/30/2024
Supervised By :mohammad
ahmed

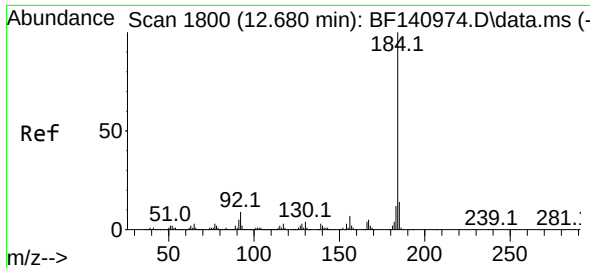
12/30/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

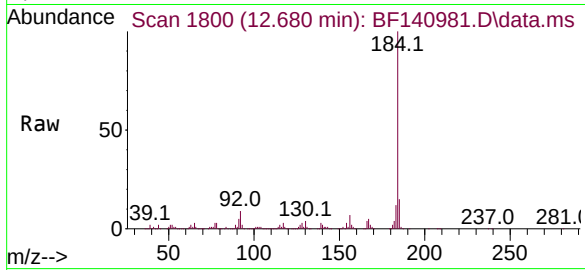
Tgt Ion:240 Resp: 657302
Ion Ratio Lower Upper
240 100
120 13.2 10.7 16.1
236 25.7 20.6 31.0





#77
Benzidine
Concen: 47.006 ng
RT: 12.680 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

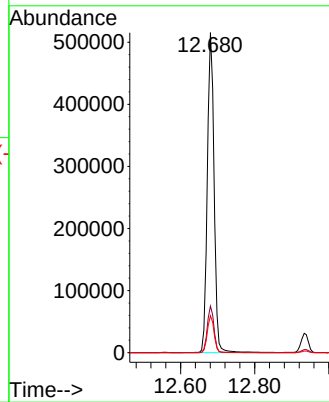
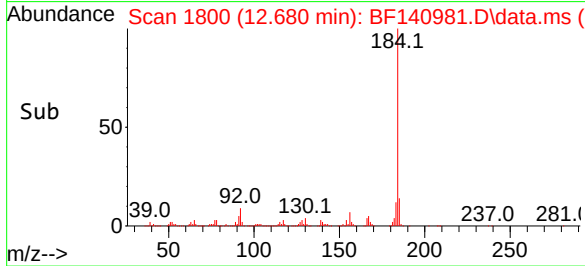
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:184 Resp: 65298
Ion Ratio Lower Upper
184 100
185 14.5 11.4 17.2
183 11.6 9.4 14.0

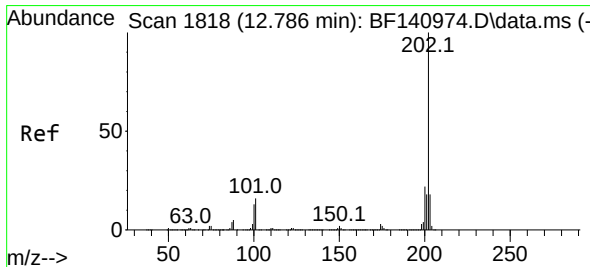
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



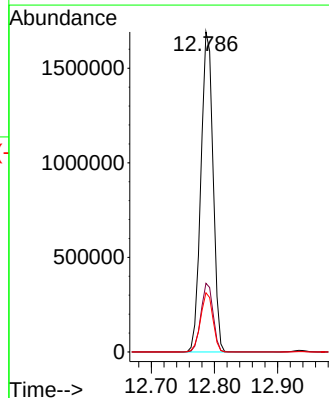
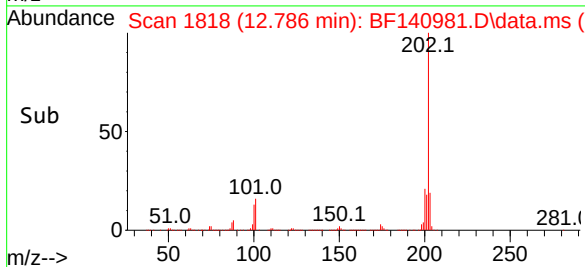
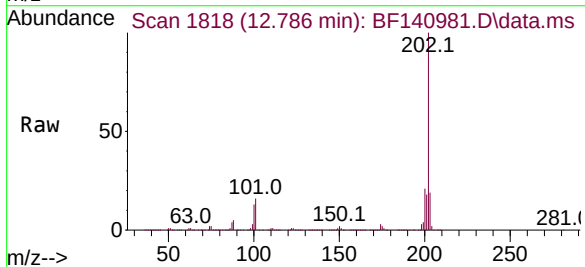
12/30/2024
Supervised By :mohammad
ahmed

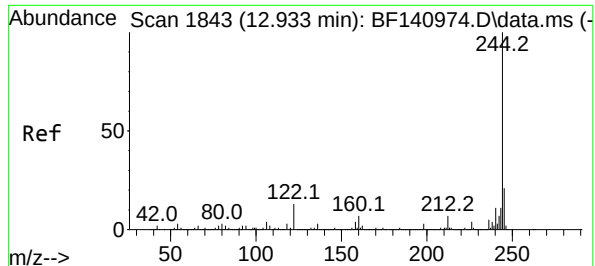
12/30/2024



#78
Pyrene
Concen: 39.204 ng
RT: 12.786 min Scan# 1818
Delta R.T. 0.000 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

Tgt Ion:202 Resp: 2253664
Ion Ratio Lower Upper
202 100
200 21.4 17.3 25.9
203 18.5 14.6 21.8





#79

Terphenyl-d14

Concen: 78.206 ng

RT: 12.933 min Scan# 1843

Delta R.T. 0.000 min

Lab File: BF140981.D

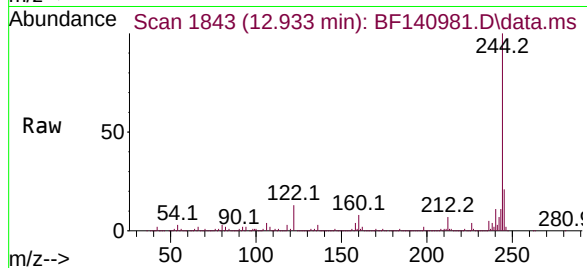
Acq: 27 Dec 2024 08:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:244 Resp: 3094810

Ion Ratio Lower Upper

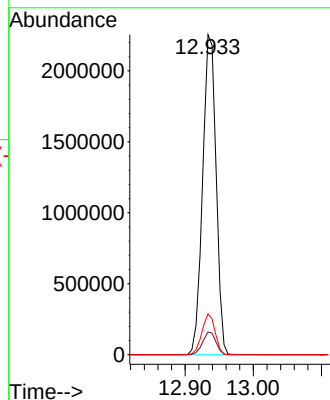
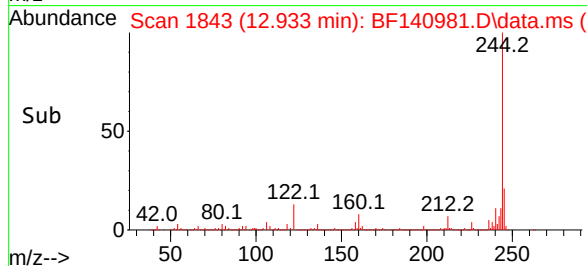
244 100

212 7.1 5.7 8.5

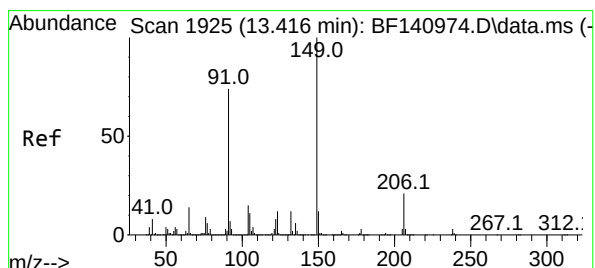
122 12.8 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh
Patel12/30/2024
Supervised By :mohammad
ahmed

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#80

Butylbenzylphthalate

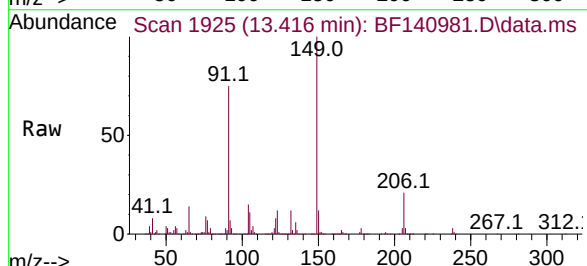
Concen: 40.511 ng

RT: 13.416 min Scan# 1925

Delta R.T. 0.000 min

Lab File: BF140981.D

Acq: 27 Dec 2024 08:19



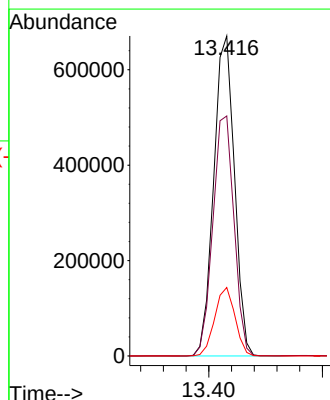
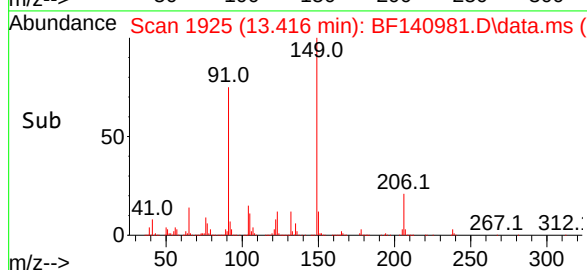
Tgt Ion:149 Resp: 850382

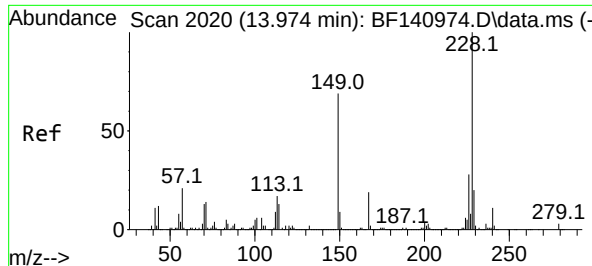
Ion Ratio Lower Upper

149 100

91 75.0 59.5 89.3

206 21.4 17.1 25.7





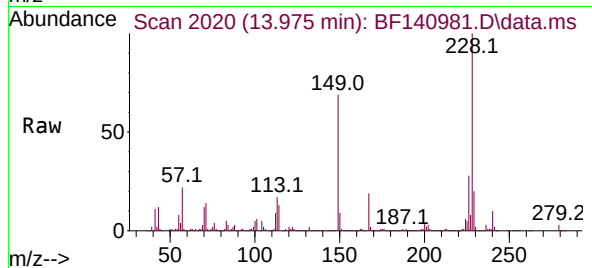
#81
Benzo(a)anthracene
Concen: 38.963 ng
RT: 13.975 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

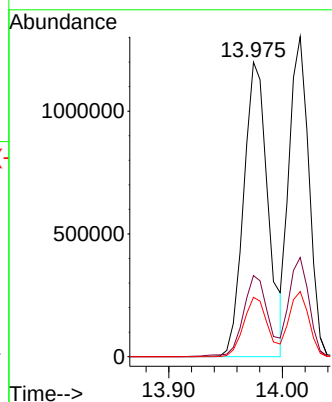
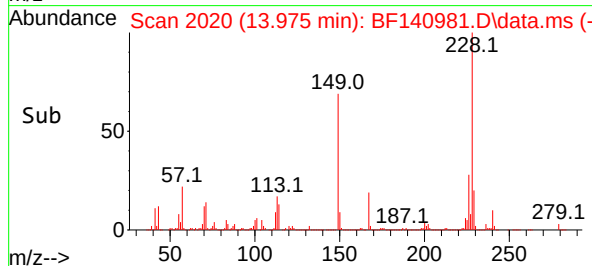


Tgt Ion:228 Resp: 1784870
Ion Ratio Lower Upper
228 100
226 27.5 22.1 33.1
229 20.2 16.2 24.2

Manual Integrations

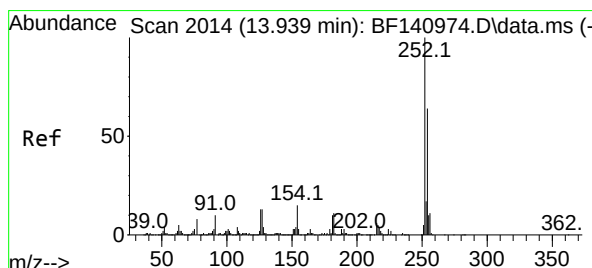
APPROVED

Reviewed By :Yogesh
Patel

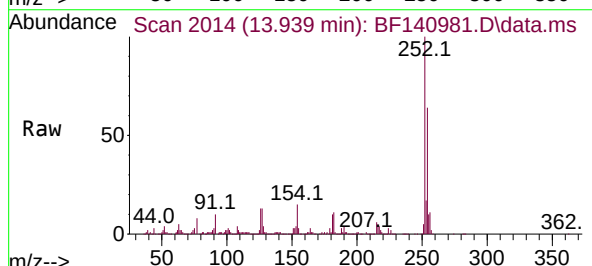


12/30/2024
Supervised By :mohammad
ahmed

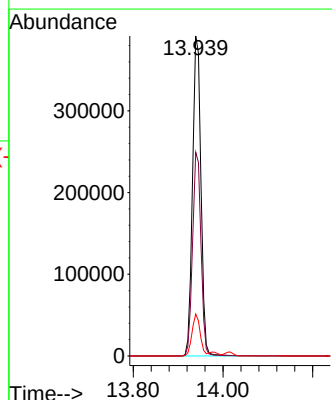
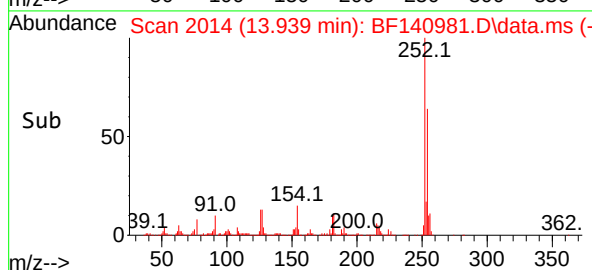
12/30/2024

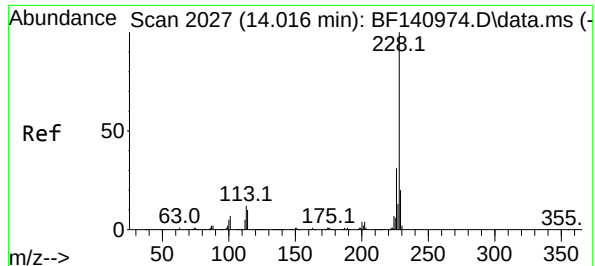


#82
3,3'-Dichlorobenzidine
Concen: 37.037 ng
RT: 13.939 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19



Tgt Ion:252 Resp: 509758
Ion Ratio Lower Upper
252 100
254 63.6 51.5 77.3
126 13.1 10.3 15.5





#83

Chrysene

Concen: 38.141 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF140981.D

Acq: 27 Dec 2024 08:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 157509

Ion Ratio Lower Upper

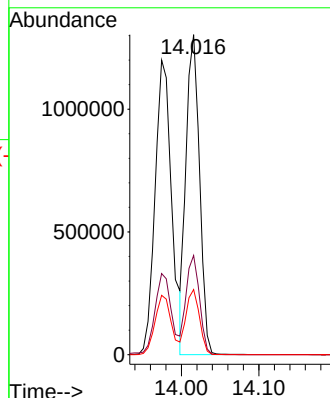
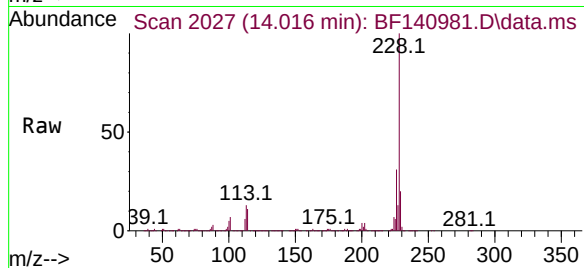
228 100

226 31.0 24.5 36.7

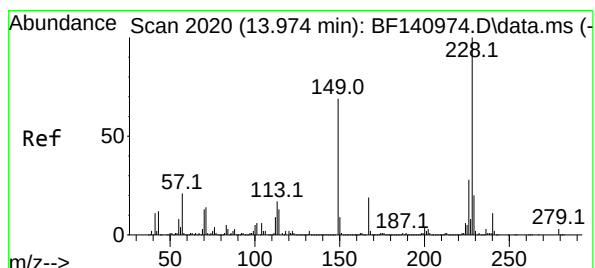
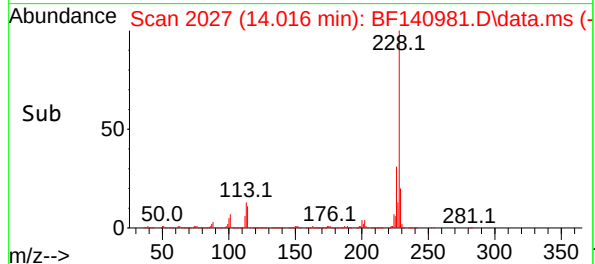
229 20.4 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh
Patel12/30/2024
Supervised By :mohammad
ahmed

12/30/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.230 ng

RT: 13.975 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF140981.D

Acq: 27 Dec 2024 08:19

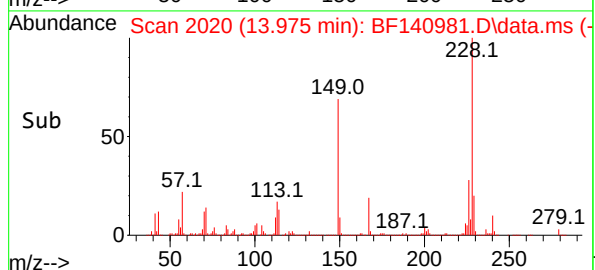
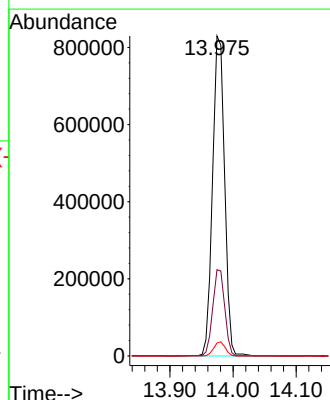
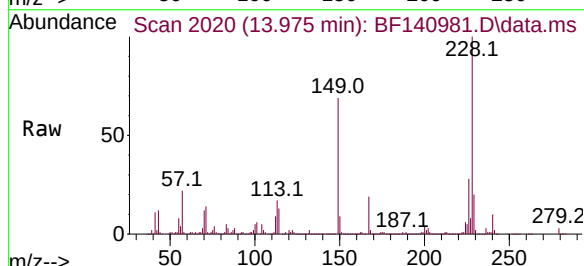
Tgt Ion:149 Resp: 1095405

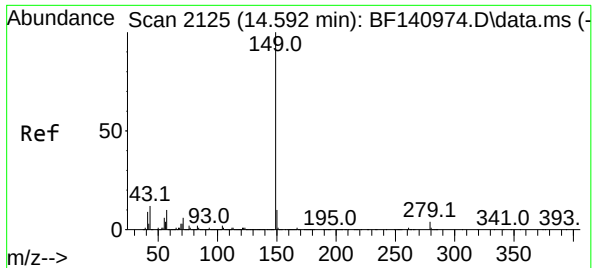
Ion Ratio Lower Upper

149 100

167 27.0 21.6 32.4

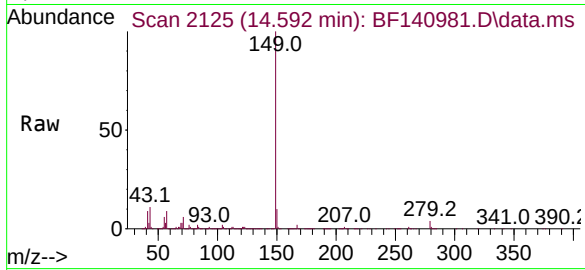
279 4.0 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 39.462 ng
RT: 14.592 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

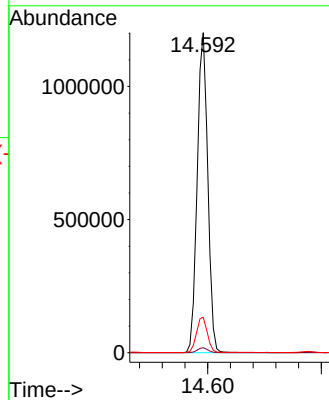
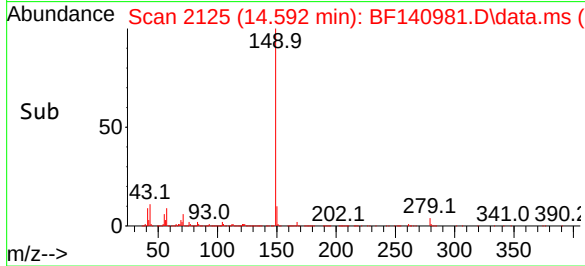
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 155518
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.4 9.3 13.9

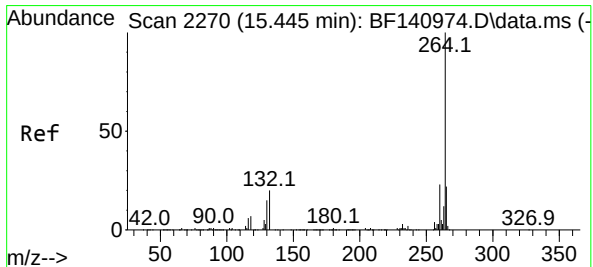
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



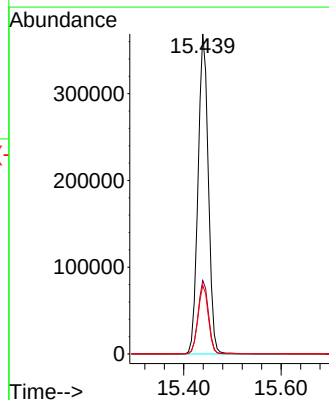
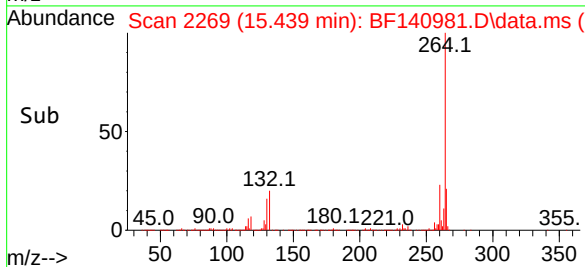
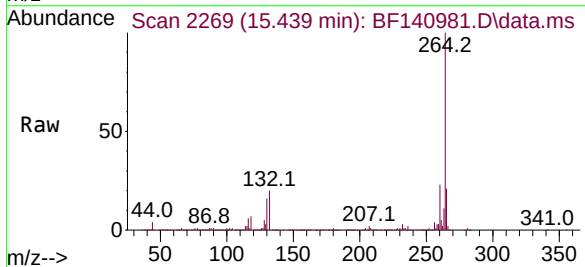
12/30/2024
Supervised By :mohammad
ahmed

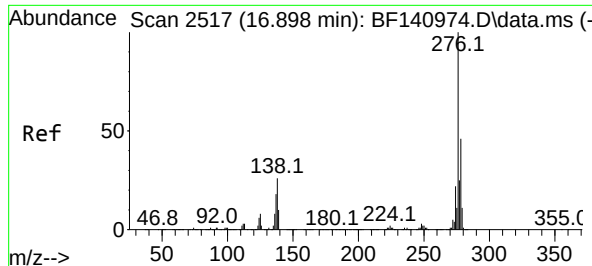
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

Tgt Ion:264 Resp: 544134
Ion Ratio Lower Upper
264 100
260 23.0 18.7 28.1
265 21.4 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.158 ng

RT: 16.892 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BF140981.D

Acq: 27 Dec 2024 08:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 1445260

Ion Ratio Lower Upper

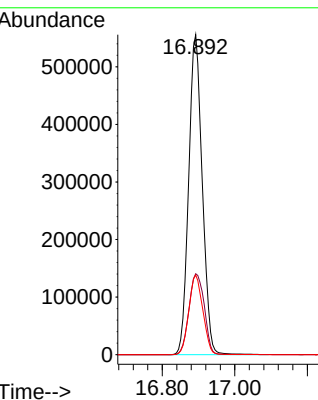
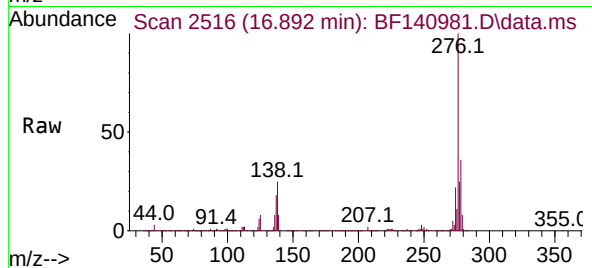
276 100

138 28.6 23.1 34.7

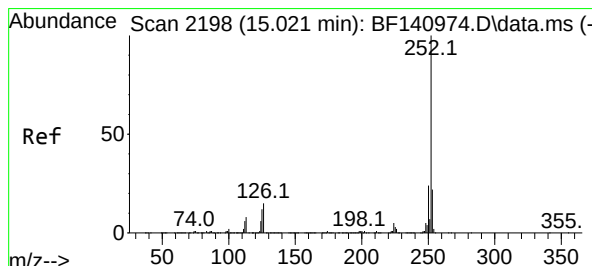
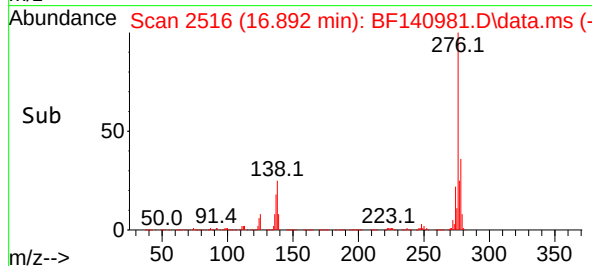
277 25.7 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh
Patel12/30/2024
Supervised By :mohammad
ahmed

12/30/2024



#88

Benzo(b)fluoranthene

Concen: 37.426 ng

RT: 15.016 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BF140981.D

Acq: 27 Dec 2024 08:19

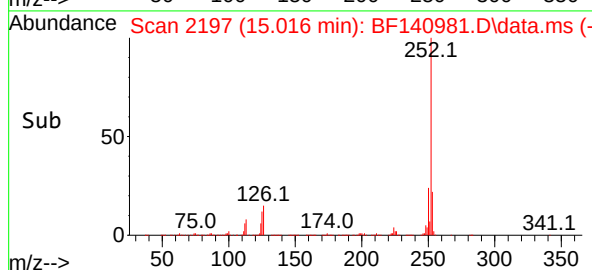
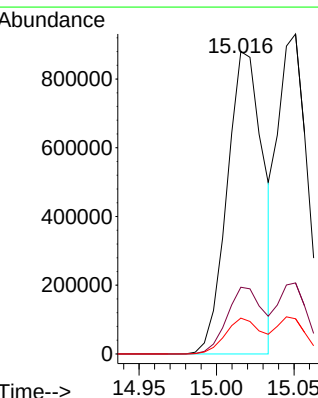
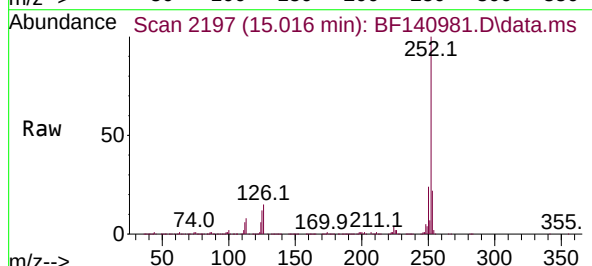
Tgt Ion:252 Resp: 1420323

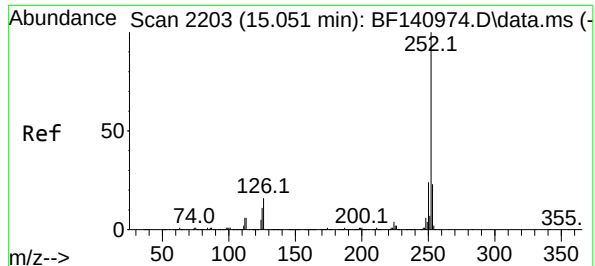
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 11.8 9.3 13.9





#89

Benzo(k)fluoranthene

Concen: 41.471 ng

RT: 15.051 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140981.D

Acq: 27 Dec 2024 08:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 123350

Ion Ratio Lower Upper

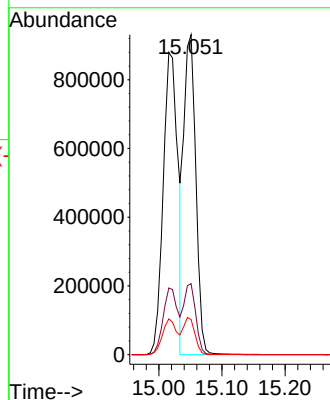
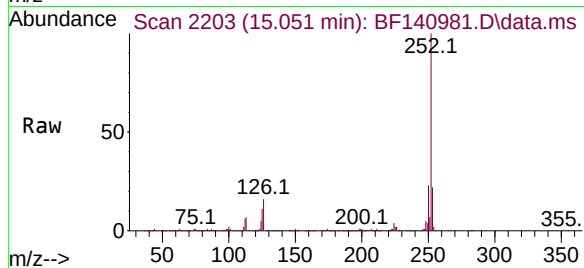
252 100

253 22.2 17.8 26.8

125 11.0 9.4 14.0

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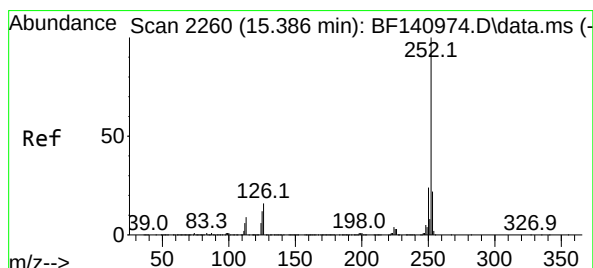
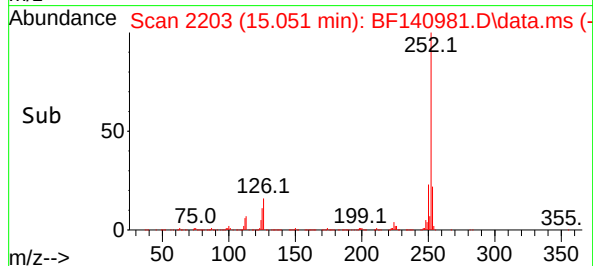
APPROVED

Reviewed By :Yogesh
Patel

12/30/2024

Supervised By :mohammad
ahmed

12/30/2024



#90

Benzo(a)pyrene

Concen: 38.650 ng

RT: 15.380 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF140981.D

Acq: 27 Dec 2024 08:19

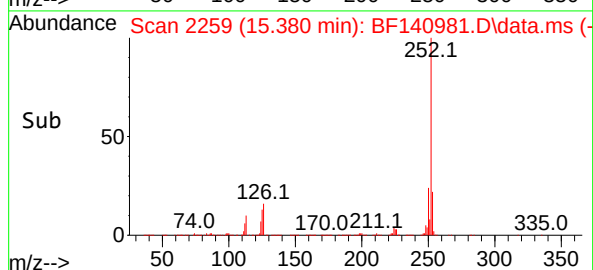
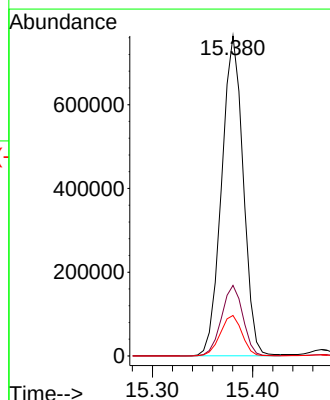
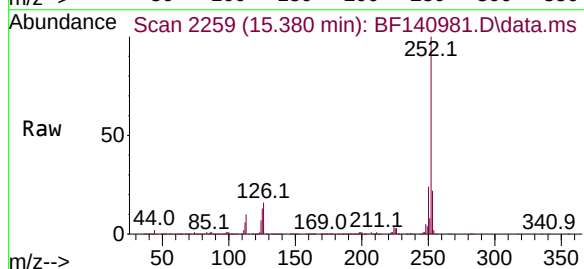
Tgt Ion:252 Resp: 1138486

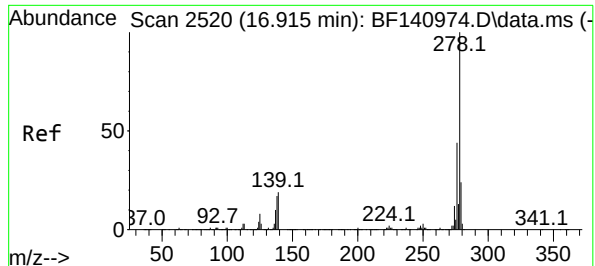
Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 12.6 9.8 14.8





#91
Dibenzo(a,h)anthracene
Concen: 42.803 ng
RT: 16.910 min Scan# 2519
Delta R.T. -0.006 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

Instrument :

BNA_F

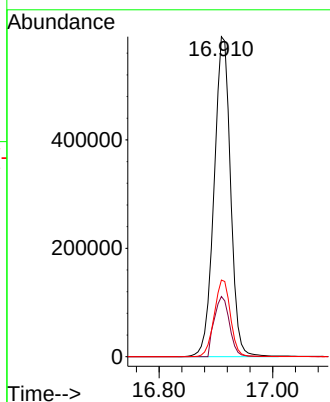
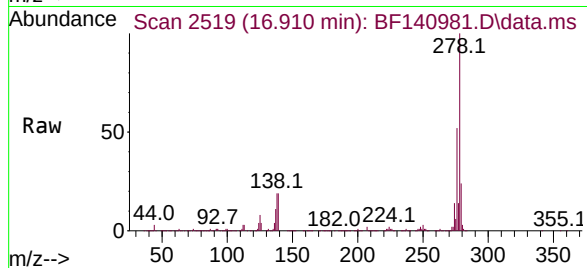
ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 1189450
Ion Ratio Lower Upper
278 100
139 18.8 14.9 22.3
279 24.0 19.0 28.6

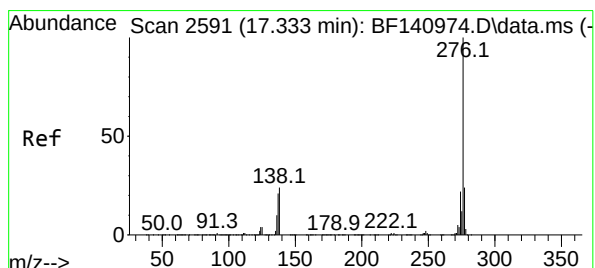
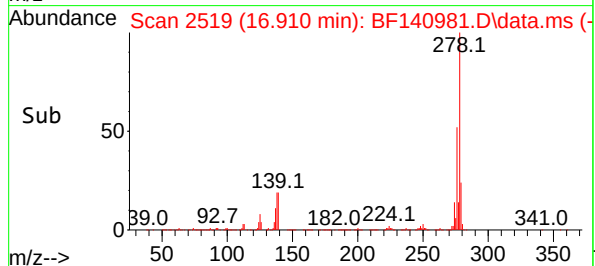
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



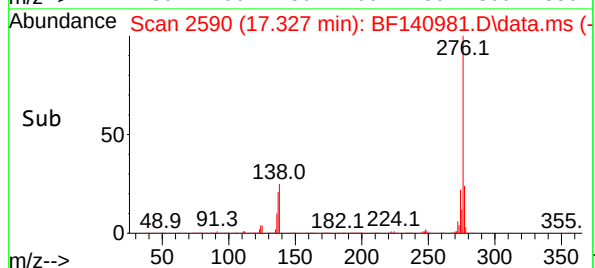
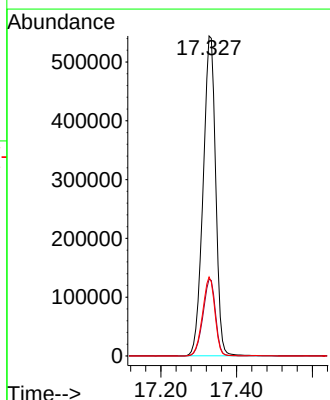
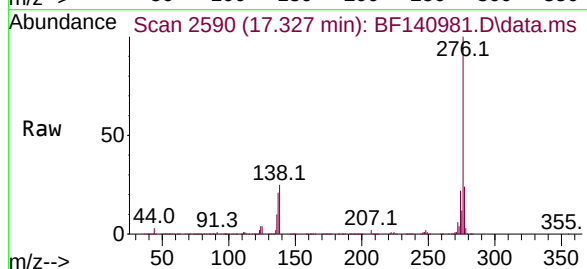
12/30/2024
Supervised By :mohammad
ahmed

12/30/2024



#92
Benzo(g,h,i)perylene
Concen: 43.218 ng
RT: 17.327 min Scan# 2590
Delta R.T. -0.006 min
Lab File: BF140981.D
Acq: 27 Dec 2024 08:19

Tgt Ion:276 Resp: 1245650
Ion Ratio Lower Upper
276 100
277 24.0 19.0 28.4
138 24.7 19.4 29.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
 Data File : BF140981.D
 Acq On : 27 Dec 2024 08:19
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 27 10:37:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 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	106	0.00
2	1,4-Dioxane	0.601	0.591	1.7	105	0.00
3	Pyridine	1.468	1.437	2.1	106	0.00
4	n-Nitrosodimethylamine	0.744	0.722	3.0	103	0.00
5 S	2-Fluorophenol	1.327	1.248	6.0	103	0.00
6	Aniline	1.524	1.546	-1.4	102	-0.02
7 S	Phenol-d6	1.709	1.608	5.9	103	0.00
8	2-Chlorophenol	1.399	1.344	3.9	103	0.00
9	Benzaldehyde	0.941	0.832	11.6	103	0.00
10 C	Phenol	1.767	1.695	4.1	103	0.00
11	bis(2-Chloroethyl)ether	1.427	1.310	8.2	102	0.00
12	1,3-Dichlorobenzene	1.544	1.478	4.3	104	0.00
13 C	1,4-Dichlorobenzene	1.556	1.493	4.0	105	0.00
14	1,2-Dichlorobenzene	1.451	1.386	4.5	104	0.00
15	Benzyl Alcohol	1.228	1.158	5.7	101	0.00
16	2,2'-oxybis(1-Chloropropane	2.158	2.034	5.7	103	0.00
17	2-Methylphenol	1.162	1.107	4.7	102	0.00
18	Hexachloroethane	0.553	0.535	3.3	105	0.00
19 P	n-Nitroso-di-n-propylamine	1.047	0.964	7.9	102	0.00
20	3+4-Methylphenols	1.471	1.384	5.9	102	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	103	0.00
22	Acetophenone	0.491	0.468	4.7	103	0.00
23 S	Nitrobenzene-d5	0.313	0.342	-9.3	108	0.00
24	Nitrobenzene	0.349	0.377	-8.0	106	0.00
25	Isophorone	0.680	0.650	4.4	102	0.00
26 C	2-Nitrophenol	0.118	0.139	-17.8	113	0.00
27	2,4-Dimethylphenol	0.249	0.240	3.6	102	0.00
28	bis(2-Chloroethoxy)methane	0.431	0.413	4.2	102	0.00
29 C	2,4-Dichlorophenol	0.282	0.280	0.7	104	0.00
30	1,2,4-Trichlorobenzene	0.319	0.314	1.6	104	0.00
31	Naphthalene	1.054	1.008	4.4	102	0.00
32	Benzoic acid	0.178	0.190	-6.7	110	0.00
33	4-Chloroaniline	0.381	0.367	3.7	103	0.00
34 C	Hexachlorobutadiene	0.188	0.184	2.1	104	0.00
35	Caprolactam	0.096	0.093	3.1	102	0.00
36 C	4-Chloro-3-methylphenol	0.313	0.302	3.5	101	0.00
37	2-Methylnaphthalene	0.674	0.645	4.3	104	0.00
38	1-Methylnaphthalene	0.663	0.626	5.6	102	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	102	0.00
40	1,2,4,5-Tetrachlorobenzene	0.550	0.543	1.3	104	0.00
41 P	Hexachlorocyclopentadiene	0.182	0.185	-1.6	101	0.00
42 S	2,4,6-Tribromophenol	0.194	0.203	-4.6	106	0.00
43 C	2,4,6-Trichlorophenol	0.366	0.367	-0.3	103	0.00
44	2,4,5-Trichlorophenol	0.375	0.390	-4.0	105	0.00
45 S	2-Fluorobiphenyl	1.255	1.200	4.4	104	0.00
46	1,1'-Biphenyl	1.531	1.500	2.0	104	0.00
47	2-Chloronaphthalene	1.188	1.164	2.0	104	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
 Data File : BF140981.D
 Acq On : 27 Dec 2024 08:19
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 27 10:37:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 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	0.259	0.318	-22.8	113	0.00
49	Acenaphthylene	1.710	1.661	2.9	103	0.00
50	Dimethylphthalate	1.316	1.287	2.2	102	0.00
51	2,6-Dinitrotoluene	0.231	0.282	-22.1	113	0.00
52 C	Acenaphthene	1.156	1.131	2.2	103	0.00
53	3-Nitroaniline	0.255	0.307	-20.4	111	0.00
54 P	2,4-Dinitrophenol	0.075	0.081	-8.0	116	0.00
55	Dibenzofuran	1.624	1.579	2.8	103	0.00
56 P	4-Nitrophenol	0.225	0.246	-9.3	110	0.00
57	2,4-Dinitrotoluene	0.273	0.349	-27.8#	115	0.00
58	Fluorene	1.260	1.205	4.4	103	0.00
59	2,3,4,6-Tetrachlorophenol	0.310	0.318	-2.6	104	0.00
60	Diethylphthalate	1.299	1.273	2.0	103	0.00
61	4-Chlorophenyl-phenylether	0.606	0.589	2.8	104	0.00
62	4-Nitroaniline	0.255	0.301	-18.0	110	0.00
63	Azobenzene	1.363	1.326	2.7	103	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	103	0.00
65	4,6-Dinitro-2-methylphenol	0.067	0.078	-16.4	120	0.00
66 c	n-Nitrosodiphenylamine	0.630	0.604	4.1	102	0.00
67	4-Bromophenyl-phenylether	0.216	0.213	1.4	103	0.00
68	Hexachlorobenzene	0.238	0.231	2.9	102	0.00
69	Atrazine	0.176	0.158	10.2	103	0.00
70 C	Pentachlorophenol	0.148	0.156	-5.4	103	0.00
71	Phenanthrene	1.053	1.012	3.9	103	0.00
72	Anthracene	1.031	0.998	3.2	103	0.00
73	Carbazole	0.992	0.957	3.5	104	0.00
74	Di-n-butylphthalate	1.128	1.084	3.9	103	0.00
75 C	Fluoranthene	1.142	1.094	4.2	103	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	101	0.00
77	Benzydine	0.423	0.497	-17.5	121	0.00
78	Pyrene	1.749	1.714	2.0	102	0.00
79 S	Terphenyl-d14	1.204	1.177	2.2	104	0.00
80	Butylbenzylphthalate	0.639	0.647	-1.3	99	0.00
81	Benzo(a)anthracene	1.394	1.358	2.6	100	0.00
82	3,3'-Dichlorobenzidine	0.419	0.388	7.4	97	0.00
83	Chrysene	1.257	1.198	4.7	100	0.00
84	Bis(2-ethylhexyl)phthalate	0.828	0.833	-0.6	102	0.00
85 c	Di-n-octyl phthalate	1.199	1.183	1.3	99	0.00
86 I	Perylene-d12	1.000	1.000	0.0	102	0.00
87	Indeno(1,2,3-cd)pyrene	1.260	1.328	-5.4	104	0.00
88	Benzo(b)fluoranthene	1.395	1.305	6.5	94	0.00
89	Benzo(k)fluoranthene	1.093	1.133	-3.7	109	0.00
90 C	Benzo(a)pyrene	1.083	1.046	3.4	100	0.00
91	Dibenzo(a,h)anthracene	1.021	1.093	-7.1	105	0.00
92	Benzo(g,h,i)perylene	1.059	1.145	-8.1	104	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
Data File : BF140981.D
Acq On : 27 Dec 2024 08:19
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 27 10:37:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:31:16 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)
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(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
 Data File : BF140981.D
 Acq On : 27 Dec 2024 08:19
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	106	0.00
2	1,4-Dioxane	40.000	39.333	1.7	105	0.00
3	Pyridine	40.000	39.155	2.1	106	0.00
4	n-Nitrosodimethylamine	40.000	38.840	2.9	103	0.00
5 S	2-Fluorophenol	80.000	75.219	6.0	103	0.00
6	Aniline	40.000	40.556	-1.4	102	-0.02
7 S	Phenol-d6	80.000	75.243	5.9	103	0.00
8	2-Chlorophenol	40.000	38.419	4.0	103	0.00
9	Benzaldehyde	40.000	39.803	0.5	103	0.00
10 C	Phenol	40.000	38.352	4.1	103	0.00
11	bis(2-Chloroethyl)ether	40.000	36.719	8.2	102	0.00
12	1,3-Dichlorobenzene	40.000	38.307	4.2	104	0.00
13 C	1,4-Dichlorobenzene	40.000	38.373	4.1	105	0.00
14	1,2-Dichlorobenzene	40.000	38.206	4.5	104	0.00
15	Benzyl Alcohol	40.000	37.714	5.7	101	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	37.702	5.7	103	0.00
17	2-Methylphenol	40.000	38.114	4.7	102	0.00
18	Hexachloroethane	40.000	38.697	3.3	105	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	36.840	7.9	102	0.00
20	3+4-Methylphenols	40.000	37.641	5.9	102	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	103	0.00
22	Acetophenone	40.000	38.115	4.7	103	0.00
23 S	Nitrobenzene-d5	80.000	87.518	-9.4	108	0.00
24	Nitrobenzene	40.000	43.194	-8.0	106	0.00
25	Isophorone	40.000	38.222	4.4	102	0.00
26 C	2-Nitrophenol	40.000	39.841	0.4	113	0.00
27	2,4-Dimethylphenol	40.000	38.572	3.6	102	0.00
28	bis(2-Chloroethoxy)methane	40.000	38.286	4.3	102	0.00
29 C	2,4-Dichlorophenol	40.000	39.760	0.6	104	0.00
30	1,2,4-Trichlorobenzene	40.000	39.378	1.6	104	0.00
31	Naphthalene	40.000	38.264	4.3	102	0.00
32	Benzoic acid	40.000	38.901	2.7	110	0.00
33	4-Chloroaniline	40.000	38.537	3.7	103	0.00
34 C	Hexachlorobutadiene	40.000	39.043	2.4	104	0.00
35	Caprolactam	40.000	38.767	3.1	102	0.00
36 C	4-Chloro-3-methylphenol	40.000	38.590	3.5	101	0.00
37	2-Methylnaphthalene	40.000	38.292	4.3	104	0.00
38	1-Methylnaphthalene	40.000	37.780	5.5	102	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	102	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	39.489	1.3	104	0.00
41 P	Hexachlorocyclopentadiene	40.000	40.546	-1.4	101	0.00
42 S	2,4,6-Tribromophenol	80.000	83.751	-4.7	106	0.00
43 C	2,4,6-Trichlorophenol	40.000	40.039	-0.1	103	0.00
44	2,4,5-Trichlorophenol	40.000	41.666	-4.2	105	0.00
45 S	2-Fluorobiphenyl	80.000	76.481	4.4	104	0.00
46	1,1'-Biphenyl	40.000	39.174	2.1	104	0.00
47	2-Chloronaphthalene	40.000	39.194	2.0	104	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
 Data File : BF140981.D
 Acq On : 27 Dec 2024 08:19
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 27 10:37:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 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	41.569	-3.9	113	0.00
49	Acenaphthylene	40.000	38.857	2.9	103	0.00
50	Dimethylphthalate	40.000	39.119	2.2	102	0.00
51	2,6-Dinitrotoluene	40.000	42.567	-6.4	113	0.00
52 C	Acenaphthene	40.000	39.132	2.2	103	0.00
53	3-Nitroaniline	40.000	42.429	-6.1	111	0.00
54 P	2,4-Dinitrophenol	40.000	41.265	-3.2	116	0.00
55	Dibenzofuran	40.000	38.885	2.8	103	0.00
56 P	4-Nitrophenol	40.000	43.750	-9.4	110	0.00
57	2,4-Dinitrotoluene	40.000	42.991	-7.5	115	0.00
58	Fluorene	40.000	38.258	4.4	103	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	40.984	-2.5	104	0.00
60	Diethylphthalate	40.000	39.217	2.0	103	0.00
61	4-Chlorophenyl-phenylether	40.000	38.863	2.8	104	0.00
62	4-Nitroaniline	40.000	41.772	-4.4	110	0.00
63	Azobenzene	40.000	38.923	2.7	103	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	103	0.00
65	4,6-Dinitro-2-methylphenol	40.000	40.775	-1.9	120	0.00
66 c	n-Nitrosodiphenylamine	40.000	38.382	4.0	102	0.00
67	4-Bromophenyl-phenylether	40.000	39.355	1.6	103	0.00
68	Hexachlorobenzene	40.000	38.679	3.3	102	0.00
69	Atrazine	40.000	35.875	10.3	103	0.00
70 C	Pentachlorophenol	40.000	41.924	-4.8	103	0.00
71	Phenanthrene	40.000	38.466	3.8	103	0.00
72	Anthracene	40.000	38.711	3.2	103	0.00
73	Carbazole	40.000	38.617	3.5	104	0.00
74	Di-n-butylphthalate	40.000	38.457	3.9	103	0.00
75 C	Fluoranthene	40.000	38.330	4.2	103	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	101	0.00
77	Benzydine	40.000	47.006	-17.5	121	0.00
78	Pyrene	40.000	39.204	2.0	102	0.00
79 S	Terphenyl-d14	80.000	78.206	2.2	104	0.00
80	Butylbenzylphthalate	40.000	40.511	-1.3	99	0.00
81	Benzo(a)anthracene	40.000	38.963	2.6	100	0.00
82	3,3'-Dichlorobenzidine	40.000	37.037	7.4	97	0.00
83	Chrysene	40.000	38.141	4.6	100	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	40.230	-0.6	102	0.00
85 c	Di-n-octyl phthalate	40.000	39.462	1.3	99	0.00
86 I	Perylene-d12	20.000	20.000	0.0	102	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	42.158	-5.4	104	0.00
88	Benzo(b)fluoranthene	40.000	37.426	6.4	94	0.00
89	Benzo(k)fluoranthene	40.000	41.471	-3.7	109	0.00
90 C	Benzo(a)pyrene	40.000	38.650	3.4	100	0.00
91	Dibenzo(a,h)anthracene	40.000	42.803	-7.0	105	0.00
92	Benzo(g,h,i)perylene	40.000	43.218	-8.0	104	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
Data File : BF140981.D
Acq On : 27 Dec 2024 08:19
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Time: Dec 27 10:37:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:31:16 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)
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(#) = 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: POWE02

Lab Code: CHEM Case No.: P5382 SAS No.: P5382 SDG No.: P5382

Instrument ID: BNA_F Calibration Date/Time: 12/27/2024 13:59

Lab File ID: BF140994.D Init. Calib. Date(s): 12/26/2024 12/26/2024

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 16:23 19:25

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.327	1.268		-4.4	
Phenol-d6	1.709	1.624		-5.0	
Nitrobenzene-d5	0.313	0.359		14.7	
Naphthalene	1.054	1.013		-3.9	
2-Fluorobiphenyl	1.255	1.178		-6.1	
Fluorene	1.260	1.191		-5.5	
2,4,6-Tribromophenol	0.194	0.205		5.7	
Phenanthrene	1.053	1.034		-1.8	
Anthracene	1.031	1.003		-2.7	
Pyrene	1.749	1.690		-3.4	
Terphenyl-d14	1.204	1.166		-3.2	
Benzo (a) anthracene	1.394	1.316		-5.6	
Chrysene	1.257	1.236		-1.7	
Benzo (b) fluoranthene	1.395	1.240		-11.1	
Benzo (a) pyrene	1.083	1.067		-1.5	20.0
Indeno (1,2,3-cd) pyrene	1.260	1.291		2.5	
Benzo (g,h,i) perylene	1.059	1.058		-0.1	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
 Data File : BF140994.D
 Acq On : 27 Dec 2024 13:59
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 27 14:47:17 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Dec 27 00:31:16 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	288140	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1113818	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	585823	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	1000383	20.000	ng	0.00
76) Chrysene-d12	13.986	240	654182	20.000	ng	0.00
86) Perylene-d12	15.433	264	576625	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1461537	76.459	ng	0.00
7) Phenol-d6	6.451	99	1872033	76.023	ng	0.00
23) Nitrobenzene-d5	7.393	82	1601498	91.990	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	480628	84.432	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	2760974	75.089	ng	0.00
79) Terphenyl-d14	12.933	244	3050563	77.455	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.558	88	339933	39.280	ng	100
3) Pyridine	3.299	79	851996	40.285	ng	99
4) n-Nitrosodimethylamine	3.246	42	423849	39.553	ng	99
6) Aniline	6.493	93	891247	40.582	ng	99
8) 2-Chlorophenol	6.610	128	780352	38.720	ng	99
9) Benzaldehyde	6.375	77	526226	44.682	ng	99
10) Phenol	6.463	94	980007m	38.488	ng	
11) bis(2-Chloroethyl)ether	6.563	93	759114	36.923	ng	99
12) 1,3-Dichlorobenzene	6.769	146	866844	38.974	ng	99
13) 1,4-Dichlorobenzene	6.845	146	867566	38.694	ng	99
14) 1,2-Dichlorobenzene	6.998	146	800923	38.312	ng	99
15) Benzyl Alcohol	6.969	79	672138	37.984	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1177980	37.887	ng	99
17) 2-Methylphenol	7.075	107	641715	38.327	ng	100
18) Hexachloroethane	7.345	117	311855	39.154	ng	100
19) n-Nitroso-di-n-propyla...	7.245	70	557075	36.927	ng	99
20) 3+4-Methylphenols	7.228	107	814911	38.461	ng	98
22) Acetophenone	7.240	105	1038352	38.002	ng	100
24) Nitrobenzene	7.410	77	870199	44.733	ng	98
25) Isophorone	7.651	82	1440881	38.034	ng	100
26) 2-Nitrophenol	7.728	139	356081	45.034	ng	99
27) 2,4-Dimethylphenol	7.757	122	542720	39.199	ng	100
28) bis(2-Chloroethoxy)met...	7.863	93	910595	37.937	ng	99
29) 2,4-Dichlorophenol	7.963	162	621770	39.596	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	696183	39.171	ng	100
31) Naphthalene	8.134	128	2257008	38.456	ng	100
32) Benzoic acid	7.863	122	479873	43.059	ng	97
33) 4-Chloroaniline	8.181	127	805822	37.952	ng	100
34) Hexachlorobutadiene	8.251	225	407709	38.912	ng	99
35) Caprolactam	8.545	113	209436m	39.233	ng	
36) 4-Chloro-3-methylphenol	8.651	107	674230	38.663	ng	99
37) 2-Methylnaphthalene	8.822	142	1438837	38.321	ng	99
38) 1-Methylnaphthalene	8.922	142	1393127	37.754	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	632502	39.245	ng	100
41) Hexachlorocyclopentadiene	8.975	237	217647	40.751	ng	98
43) 2,4,6-Trichlorophenol	9.092	196	430134	40.100	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
 Data File : BF140994.D
 Acq On : 27 Dec 2024 13:59
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 27 14:47:17 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Dec 27 00:31:16 2024

Response via : Initial Calibration

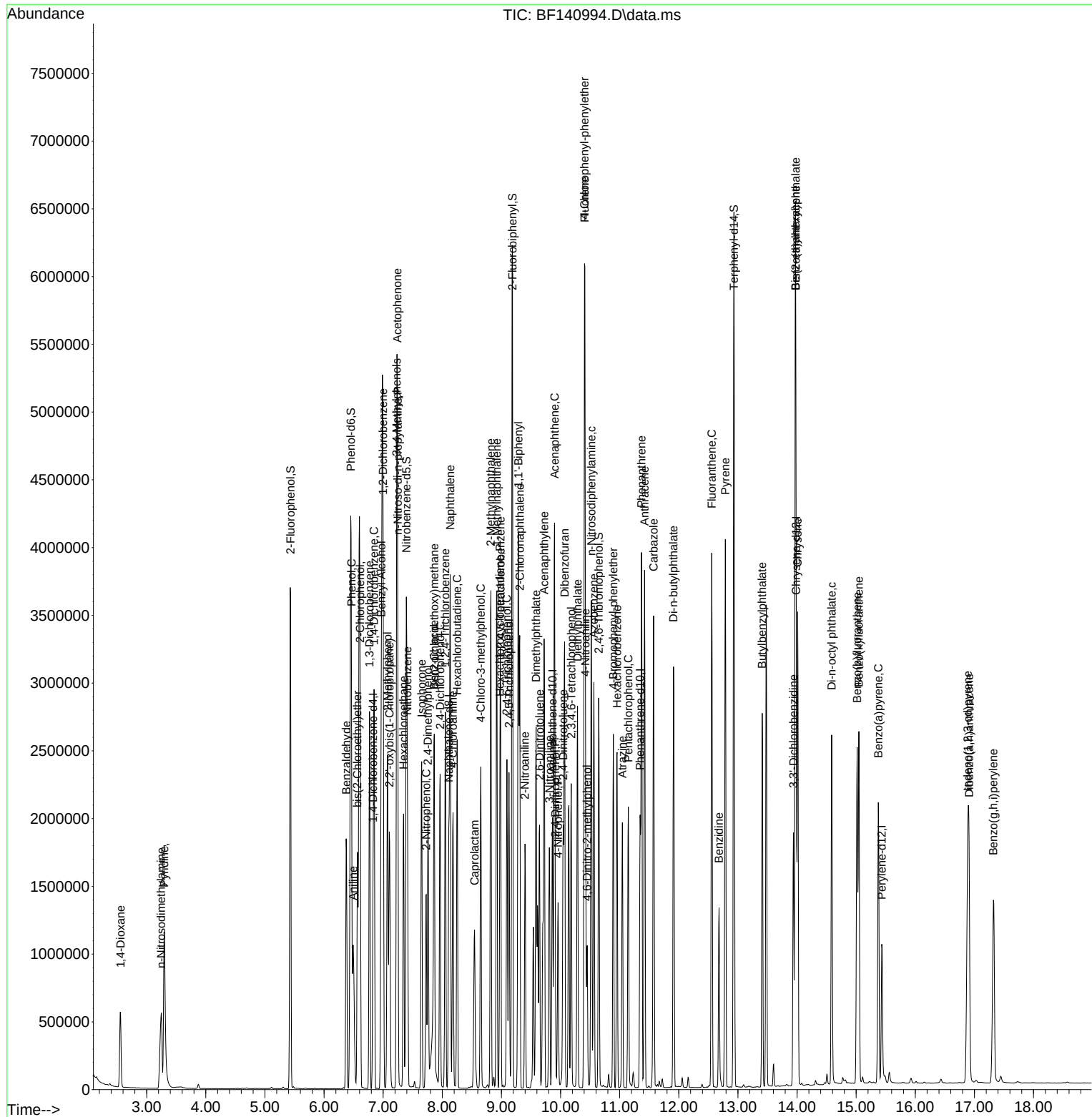
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	452225	41.204	ng	100
46) 1,1'-Biphenyl	9.286	154	1736208	38.706	ng	100
47) 2-Chloronaphthalene	9.310	162	1335122	38.378	ng	99
48) 2-Nitroaniline	9.398	65	409210	45.257	ng	97
49) Acenaphthylene	9.722	152	1945996	38.857	ng	100
50) Dimethylphthalate	9.586	163	1501321	38.961	ng	100
51) 2,6-Dinitrotoluene	9.645	165	347234	44.477	ng	96
52) Acenaphthene	9.898	154	1314751	38.833	ng	100
53) 3-Nitroaniline	9.810	138	375390	44.203	ng	# 94
54) 2,4-Dinitrophenol	9.910	184	116362	47.390	ng	# 39
55) Dibenzofuran	10.069	168	1831787	38.499	ng	99
56) 4-Nitrophenol	9.957	139	288447	43.761	ng	97
57) 2,4-Dinitrotoluene	10.045	165	442593	46.211	ng	96
58) Fluorene	10.410	166	1395040	37.810	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.181	232	369514	40.652	ng	100
60) Diethylphthalate	10.286	149	1477637	38.843	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	669688	37.721	ng	99
62) 4-Nitroaniline	10.422	138	370383	43.704	ng	95
63) Azobenzene	10.563	77	1533221	38.398	ng	99
65) 4,6-Dinitro-2-methylph...	10.451	198	186091	46.917	ng	97
66) n-Nitrosodiphenylamine	10.522	169	1233641	39.161	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	439374	40.629	ng	98
68) Hexachlorobenzene	10.957	284	470563	39.462	ng	100
69) Atrazine	11.045	200	316431	35.956	ng	99
70) Pentachlorophenol	11.145	266	321201	43.264	ng	99
71) Phenanthrene	11.369	178	2067906	39.276	ng	100
72) Anthracene	11.422	178	2007394	38.909	ng	100
73) Carbazole	11.575	167	1931005	38.935	ng	100
74) Di-n-butylphthalate	11.910	149	2208413	39.149	ng	100
75) Fluoranthene	12.557	202	2162264	37.866	ng	99
77) Benzidine	12.680	184	696326	50.365	ng	99
78) Pyrene	12.786	202	2211440	38.653	ng	100
80) Butylbenzylphthalate	13.410	149	844457	40.421	ng	97
81) Benzo(a)anthracene	13.974	228	1722198	37.774	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	531369	38.791	ng	98
83) Chrysene	14.010	228	1616888	39.340	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	1072600	39.580	ng	100
85) Di-n-octyl phthalate	14.586	149	1597422	40.727	ng	100
87) Indeno(1,2,3-cd)pyrene	16.886	276	1489165	40.992	ng	99
88) Benzo(b)fluoranthene	15.016	252	1429886	35.555	ng	100
89) Benzo(k)fluoranthene	15.045	252	1413840	44.855	ng	99
90) Benzo(a)pyrene	15.374	252	1230603	39.424	ng	99
91) Dibenzo(a,h)anthracene	16.910	278	1207121	40.991	ng	99
92) Benzo(g,h,i)perylene	17.321	276	1219629	39.931	ng	99

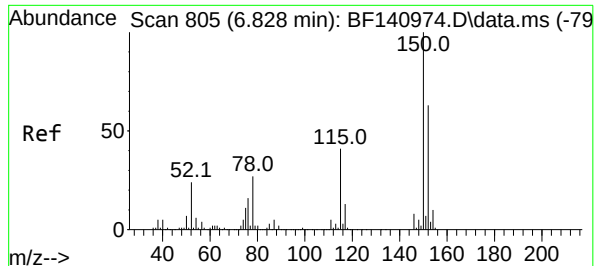
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024





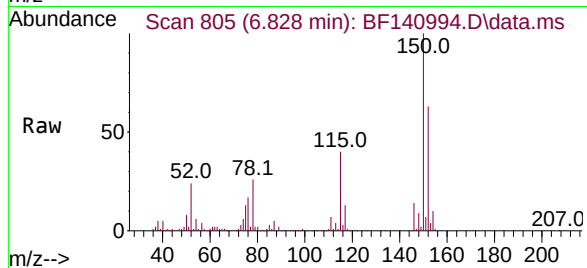
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

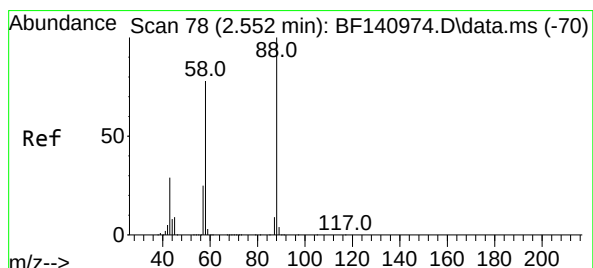
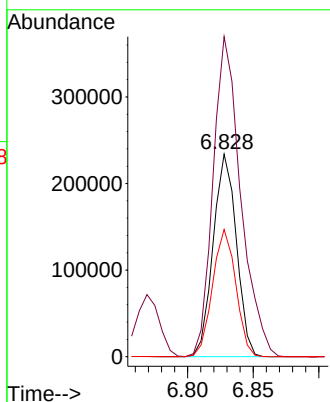
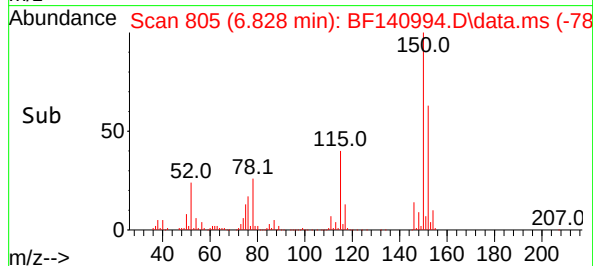


Tgt Ion:152 Resp: 288140
Ion Ratio Lower Upper
152 100
150 157.9 127.0 190.6
115 62.8 51.7 77.5

Manual Integrations

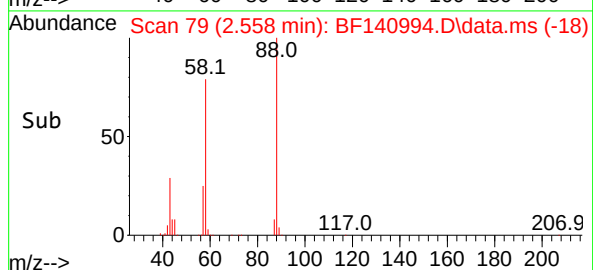
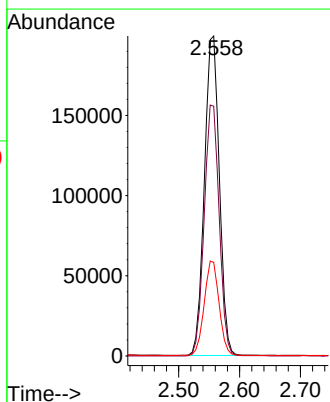
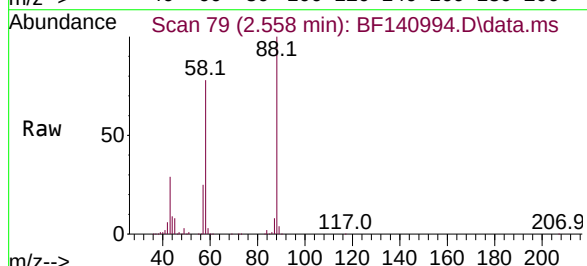
APPROVED

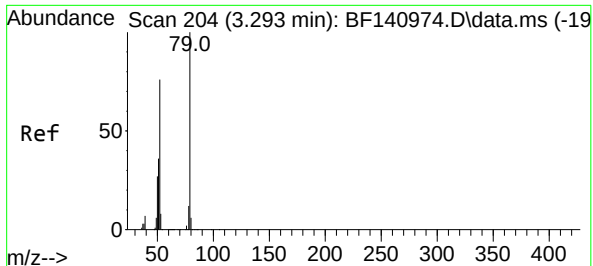
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#2
1,4-Dioxane
Concen: 39.280 ng
RT: 2.558 min Scan# 79
Delta R.T. 0.006 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59

Tgt Ion: 88 Resp: 339933
Ion Ratio Lower Upper
88 100
58 78.9 63.0 94.4
43 29.5 23.4 35.2





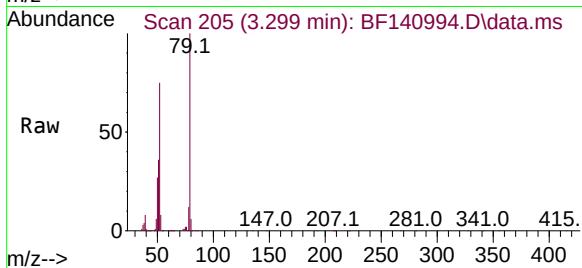
#3
Pyridine
Concen: 40.285 ng
RT: 3.299 min Scan# 204
Delta R.T. 0.006 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59

Instrument :

BNA_F

ClientSampleId :

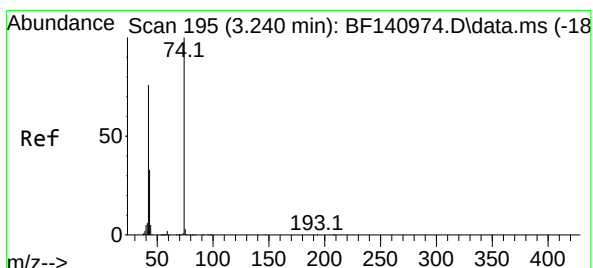
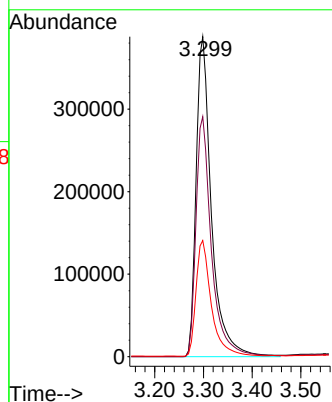
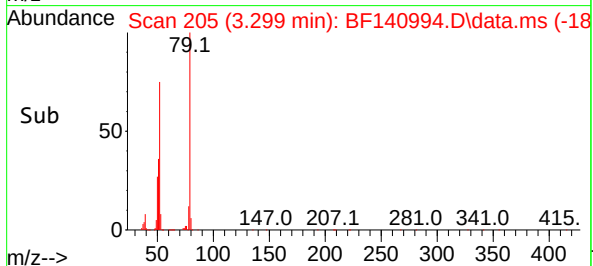
SSTDCCC040



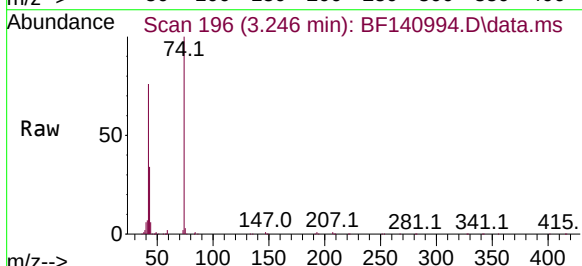
Tgt Ion: 79 Resp: 851990
Ion Ratio Lower Upper
79 100
52 75.0 60.4 90.6
51 36.3 28.8 43.2

Manual Integrations
APPROVED

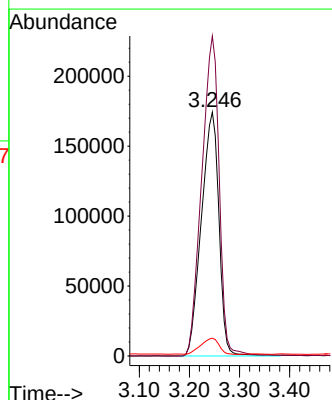
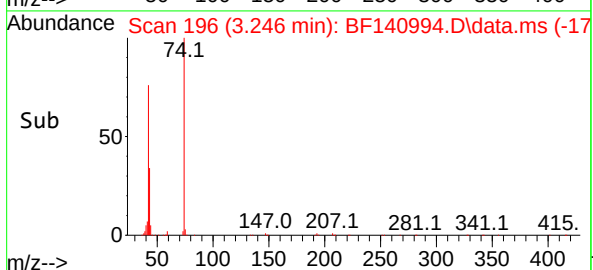
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

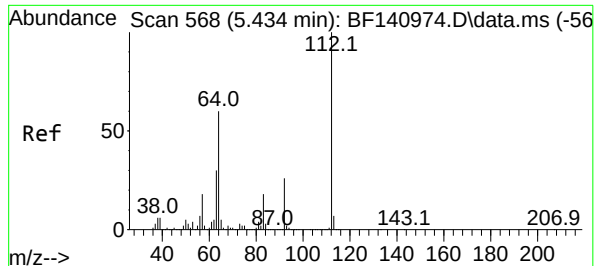


#4
n-Nitrosodimethylamine
Concen: 39.553 ng
RT: 3.246 min Scan# 196
Delta R.T. 0.006 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59



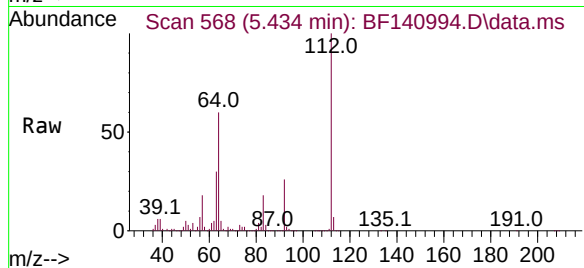
Tgt Ion: 42 Resp: 423849
Ion Ratio Lower Upper
42 100
74 131.2 105.8 158.6
44 7.3 6.6 10.0





#5
2-Fluorophenol
Concen: 76.459 ng
RT: 5.434 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59

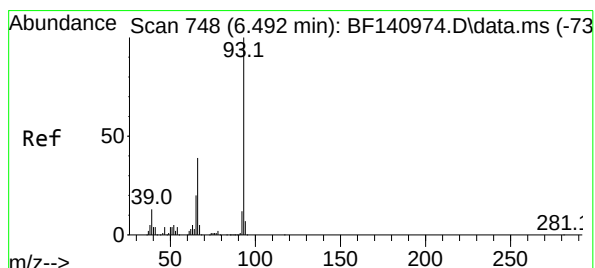
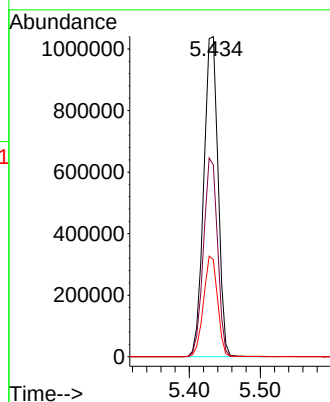
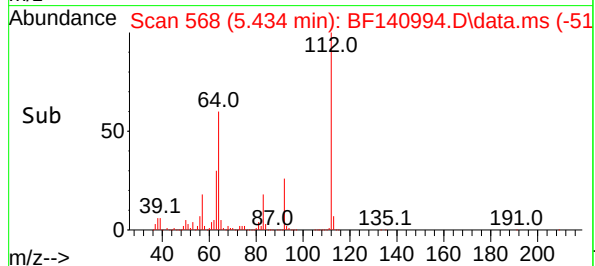
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 112 Resp: 146153
Ion Ratio Lower Upper
112 100
64 60.0 47.7 71.5
63 30.3 24.2 36.2

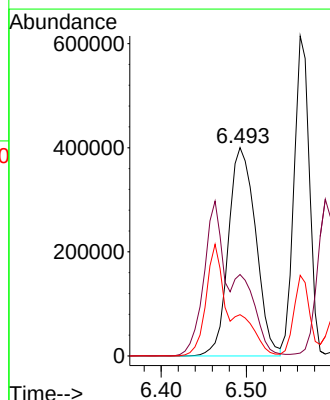
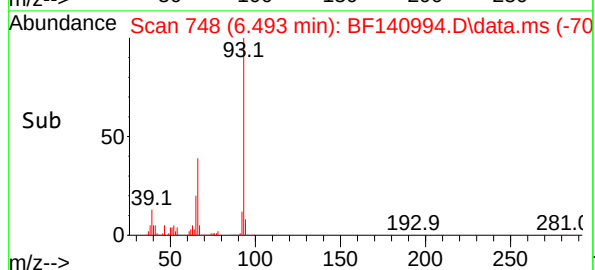
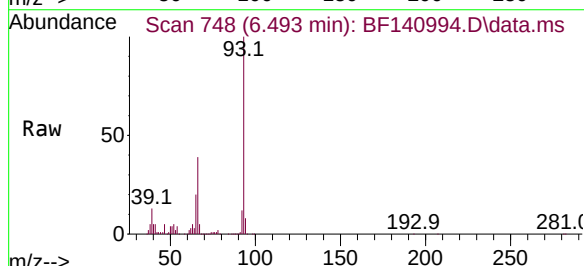
Manual Integrations
APPROVED

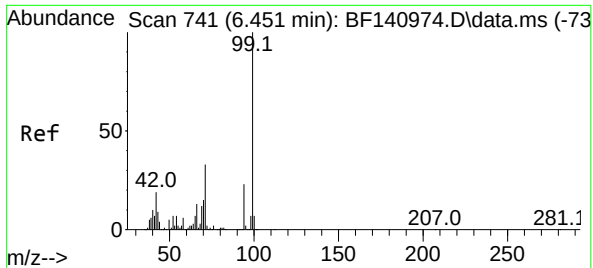
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#6
Aniline
Concen: 40.582 ng
RT: 6.493 min Scan# 748
Delta R.T. -0.018 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59

Tgt Ion: 93 Resp: 891247
Ion Ratio Lower Upper
93 100
66 39.1 31.8 47.8
65 19.8 15.4 23.0





#7

Phenol-d6

Concen: 76.023 ng

RT: 6.451 min Scan# 741

Delta R.T. 0.000 min

Lab File: BF140994.D

Acq: 27 Dec 2024 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 1872033

Ion Ratio Lower Upper

99 100

42 18.9 15.0 22.4

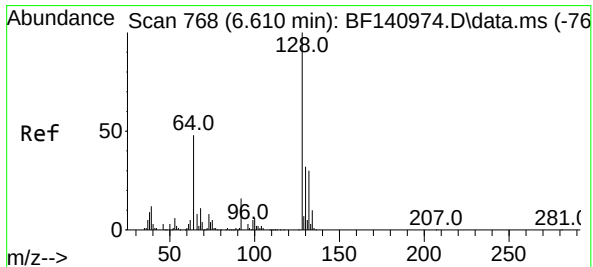
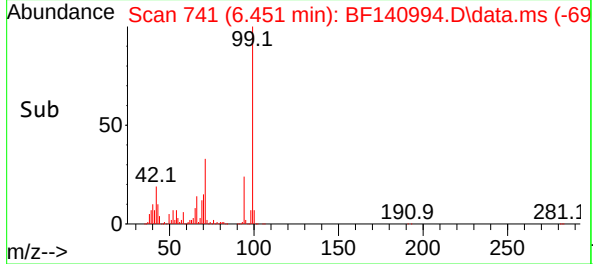
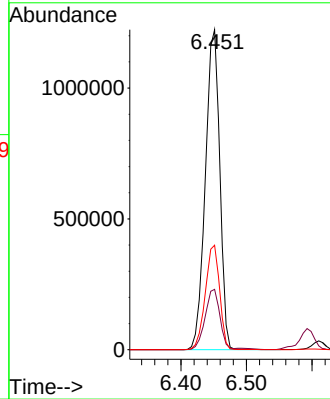
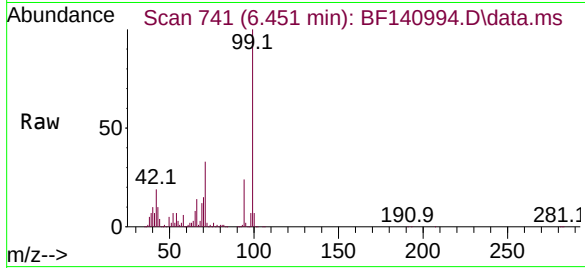
71 32.7 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#8

2-Chlorophenol

Concen: 38.720 ng

RT: 6.610 min Scan# 768

Delta R.T. 0.000 min

Lab File: BF140994.D

Acq: 27 Dec 2024 13:59

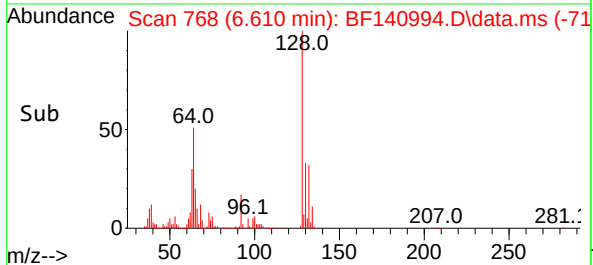
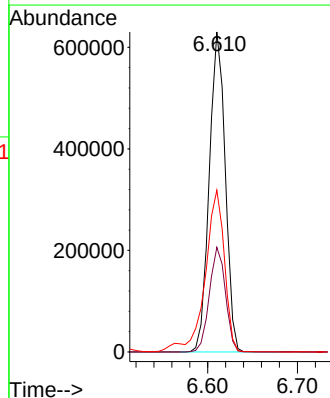
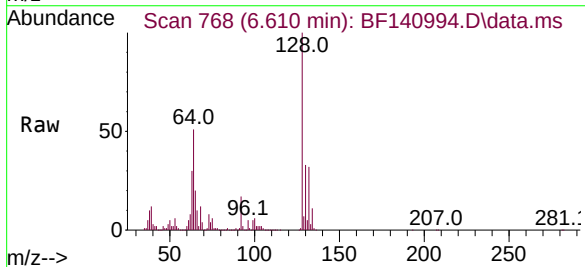
Tgt Ion:128 Resp: 780352

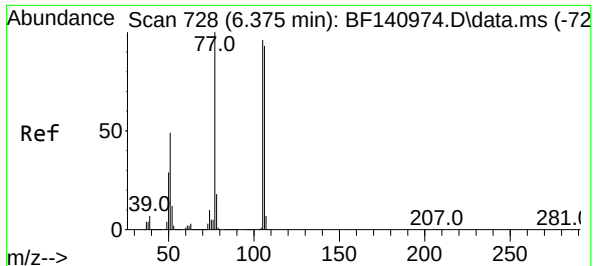
Ion Ratio Lower Upper

128 100

130 32.7 12.2 52.2

64 50.5 30.3 70.3





#9

Benzaldehyde

Concen: 44.682 ng

RT: 6.375 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140994.D

Acq: 27 Dec 2024 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 526220

Ion Ratio Lower Upper

77 100

105 97.2 76.2 116.2

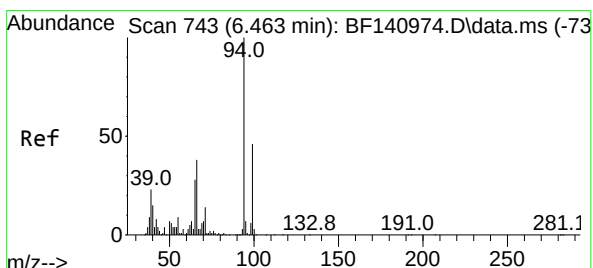
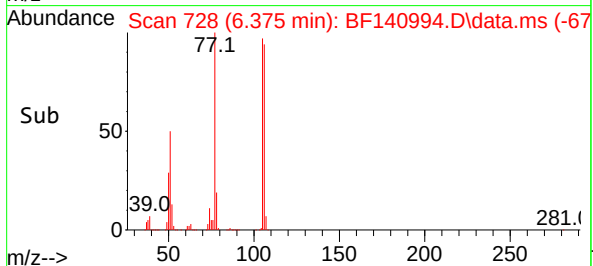
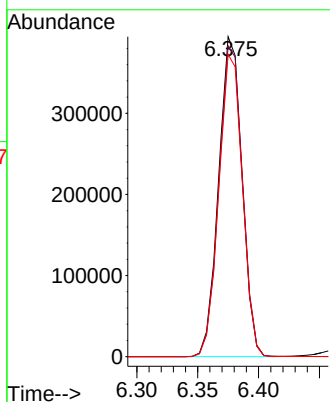
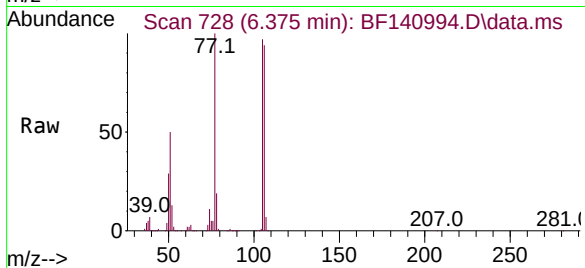
106 94.5 73.4 113.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#10

Phenol

Concen: 38.488 ng m

RT: 6.463 min Scan# 743

Delta R.T. 0.000 min

Lab File: BF140994.D

Acq: 27 Dec 2024 13:59

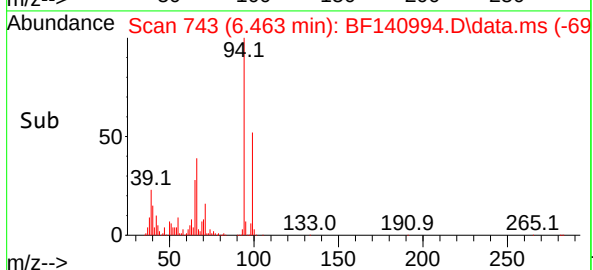
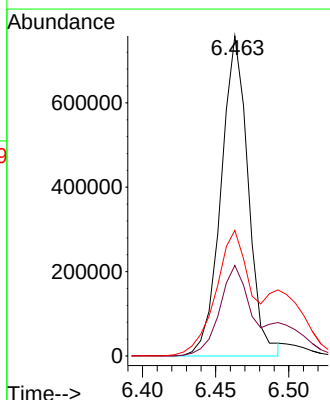
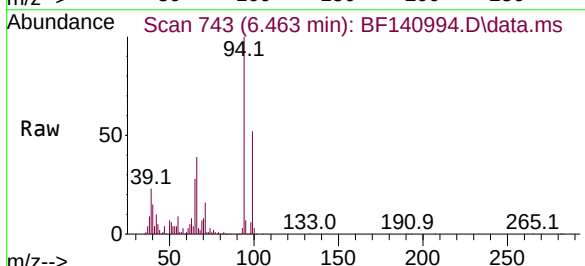
Tgt Ion: 94 Resp: 980007

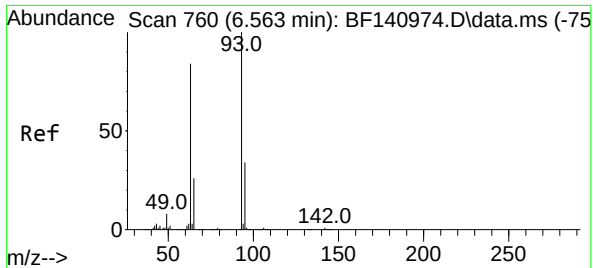
Ion Ratio Lower Upper

94 100

65 28.3 8.1 48.1

66 39.2 18.7 58.7





#11

bis(2-Chloroethyl)ether

Concen: 36.923 ng

RT: 6.563 min Scan# 760

Delta R.T. 0.000 min

Lab File: BF140994.D

Acq: 27 Dec 2024 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 759114

Ion Ratio Lower Upper

93 100

63 79.9 60.3 100.3

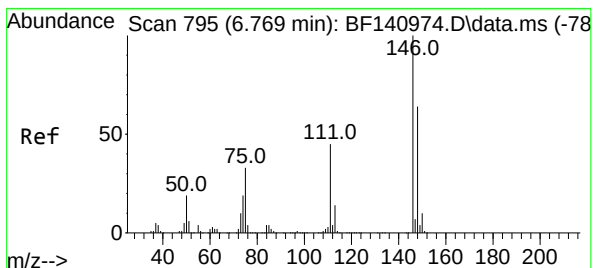
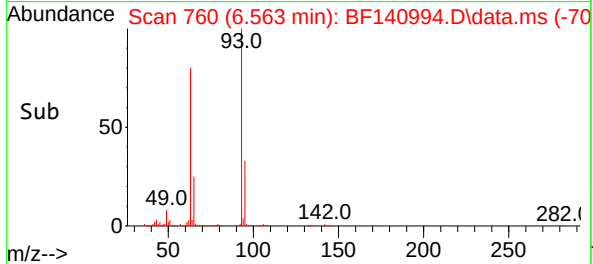
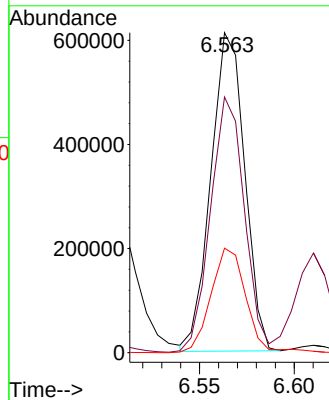
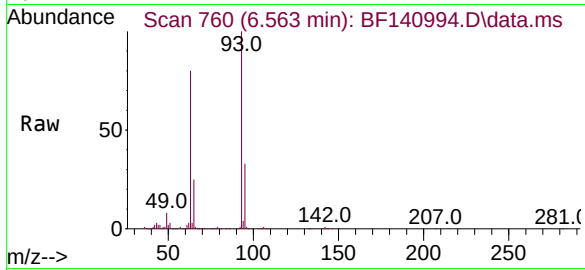
95 32.7 12.2 52.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#12

1,3-Dichlorobenzene

Concen: 38.974 ng

RT: 6.769 min Scan# 795

Delta R.T. 0.000 min

Lab File: BF140994.D

Acq: 27 Dec 2024 13:59

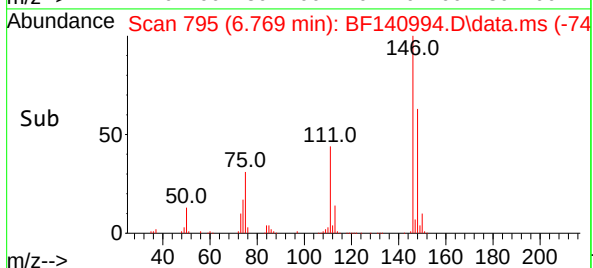
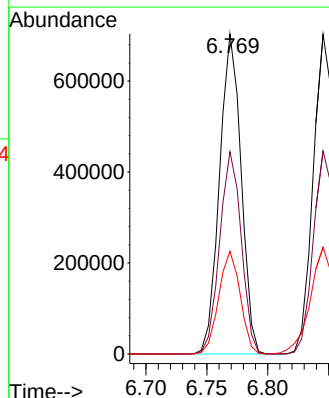
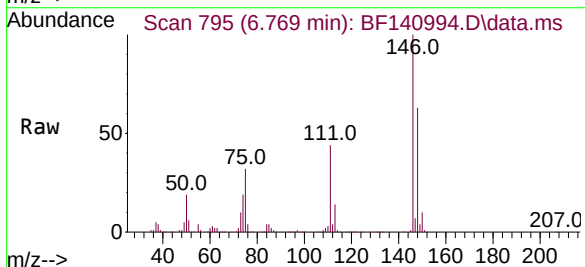
Tgt Ion:146 Resp: 866844

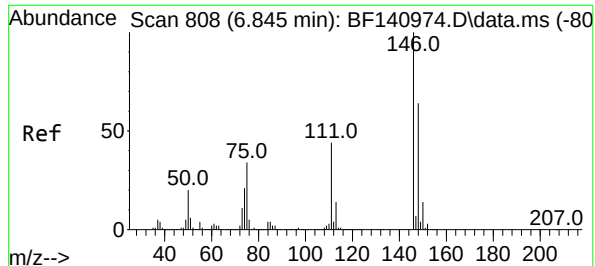
Ion Ratio Lower Upper

146 100

148 63.2 51.0 76.4

75 32.1 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 38.694 ng

RT: 6.845 min Scan# 808

Delta R.T. 0.000 min

Lab File: BF140994.D

Acq: 27 Dec 2024 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 867560

Ion Ratio Lower Upper

146 100

148 63.5 51.3 76.9

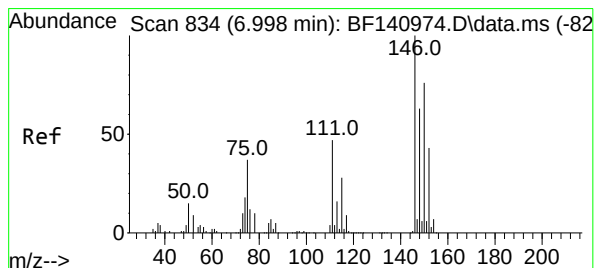
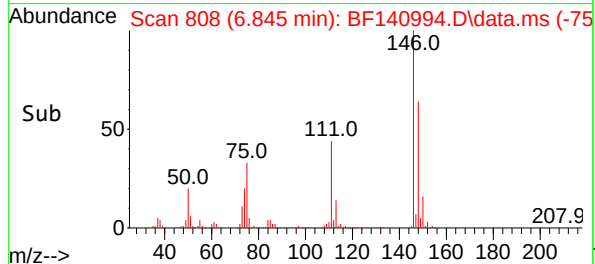
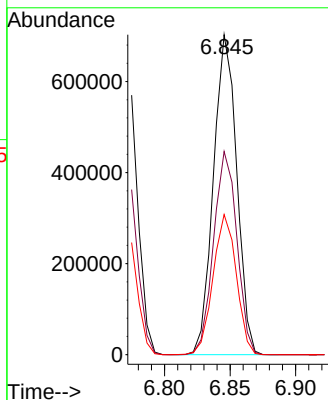
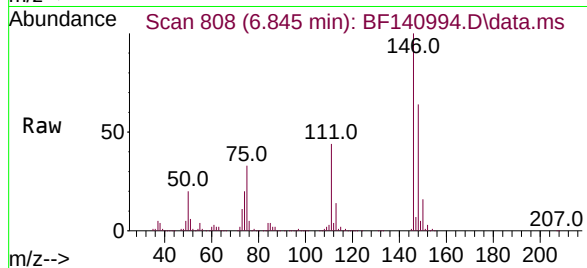
111 43.8 35.3 52.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#14

1,2-Dichlorobenzene

Concen: 38.312 ng

RT: 6.998 min Scan# 834

Delta R.T. 0.000 min

Lab File: BF140994.D

Acq: 27 Dec 2024 13:59

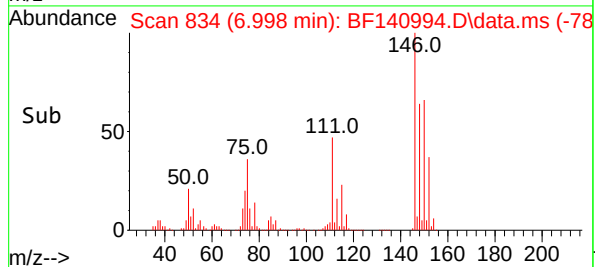
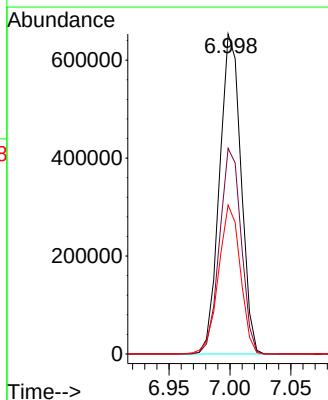
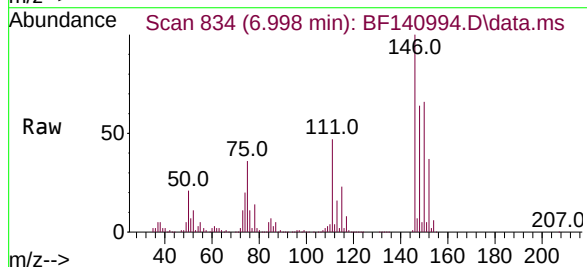
Tgt Ion:146 Resp: 800923

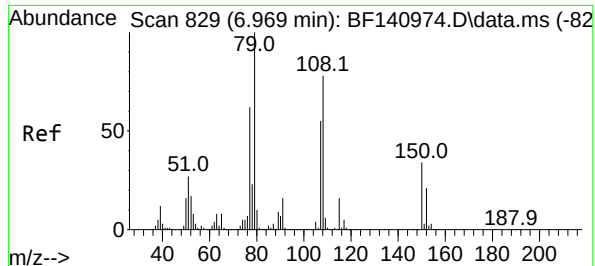
Ion Ratio Lower Upper

146 100

148 64.3 50.6 76.0

111 46.5 37.3 55.9





#15

Benzyl Alcohol

Concen: 37.984 ng

RT: 6.969 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF140994.D

Acq: 27 Dec 2024 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 672138

Ion Ratio Lower Upper

79 100

108 77.7 62.5 93.7

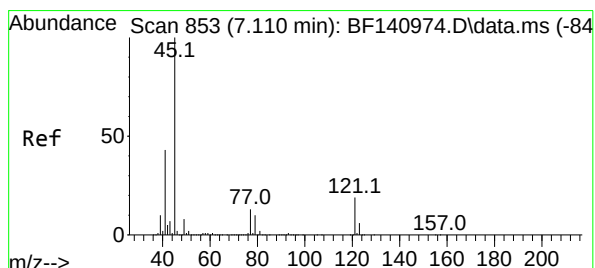
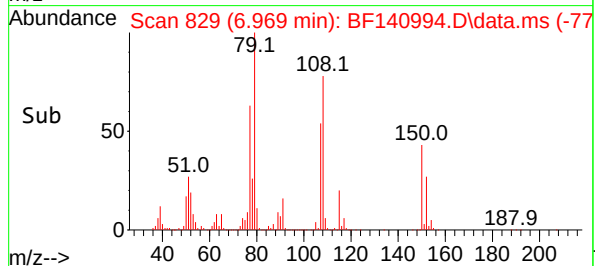
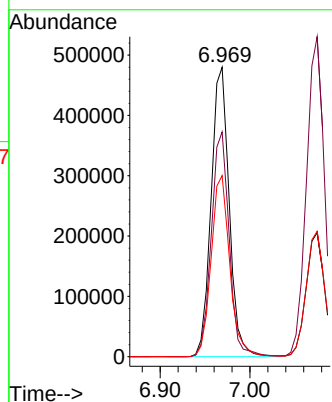
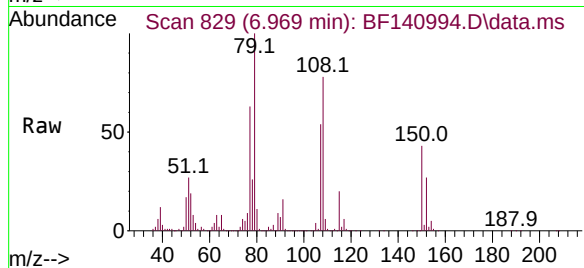
77 62.6 49.3 73.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.887 ng

RT: 7.104 min Scan# 852

Delta R.T. -0.006 min

Lab File: BF140994.D

Acq: 27 Dec 2024 13:59

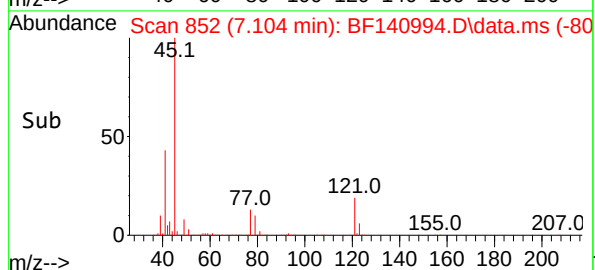
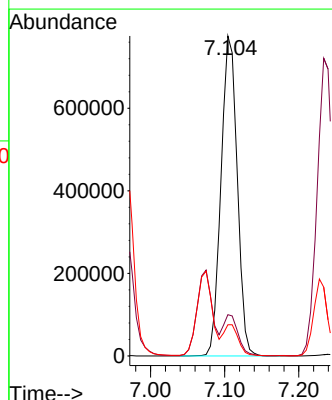
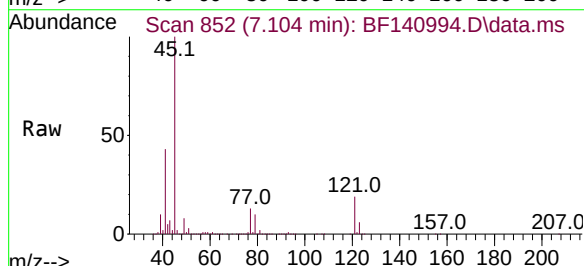
Tgt Ion: 45 Resp: 1177980

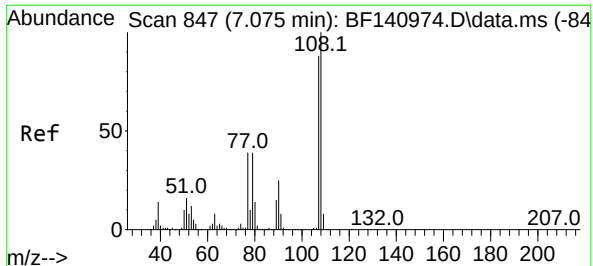
Ion Ratio Lower Upper

45 100

77 12.9 0.0 33.1

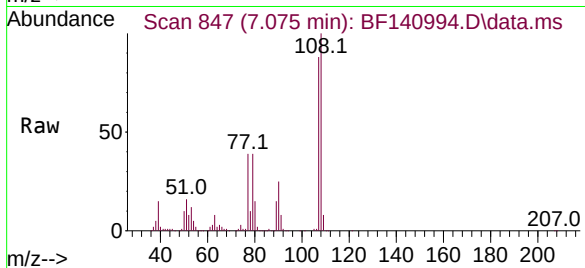
79 9.7 0.0 30.1





#17
2-Methylphenol
Concen: 38.327 ng
RT: 7.075 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59

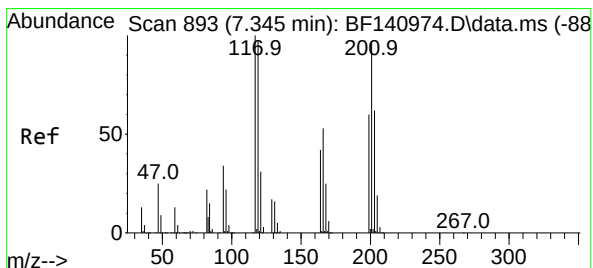
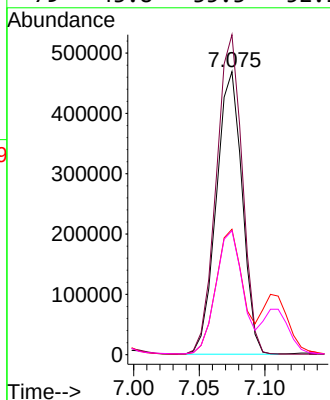
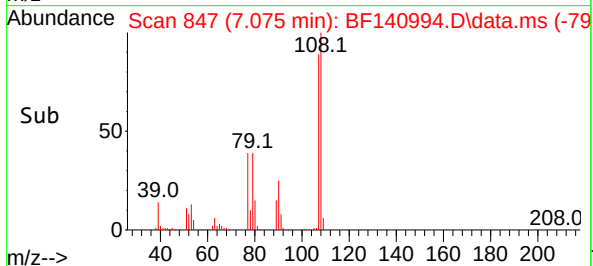
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:107 Resp: 641715
Ion Ratio Lower Upper
107 100
108 113.0 90.6 136.0
77 44.3 35.3 52.9
79 43.8 35.3 52.9

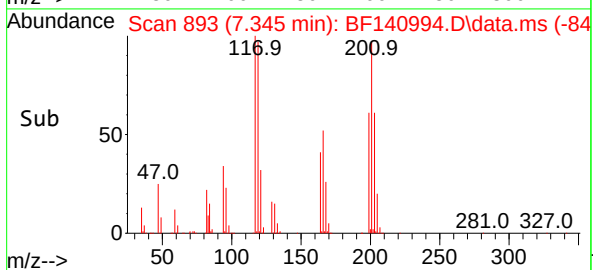
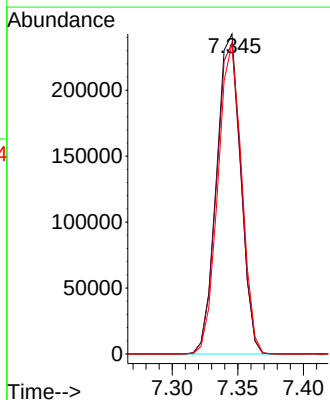
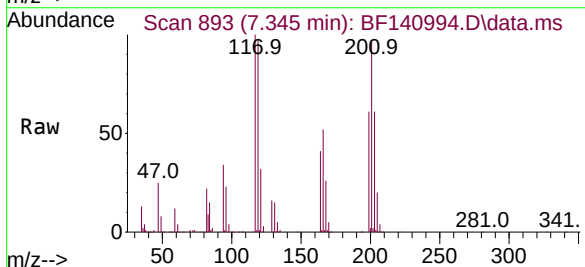
Manual Integrations
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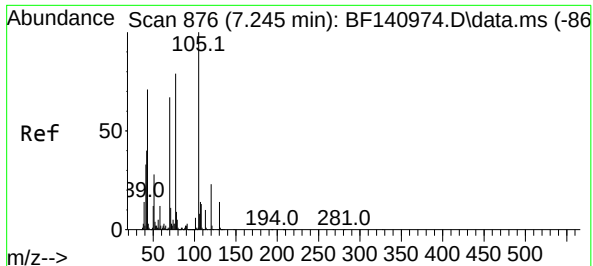
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#18
Hexachloroethane
Concen: 39.154 ng
RT: 7.345 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59

Tgt Ion:117 Resp: 311855
Ion Ratio Lower Upper
117 100
119 97.1 77.5 116.3
201 97.0 77.4 116.2





#19

n-Nitroso-di-n-propylamine

Concen: 36.927 ng

RT: 7.245 min Scan# 876

Delta R.T. 0.000 min

Lab File: BF140994.D

Acq: 27 Dec 2024 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 55707

Ion Ratio Lower Upper

70 100

42 60.3 48.1 72.1

101 9.7 7.6 11.4

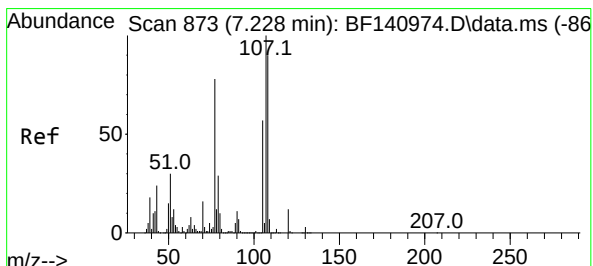
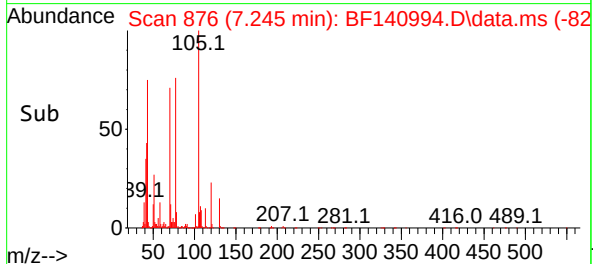
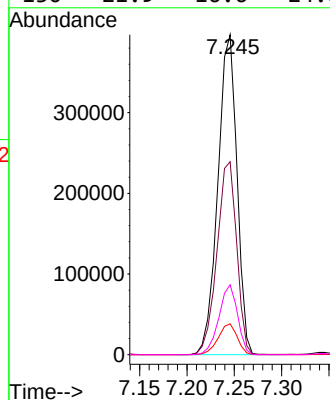
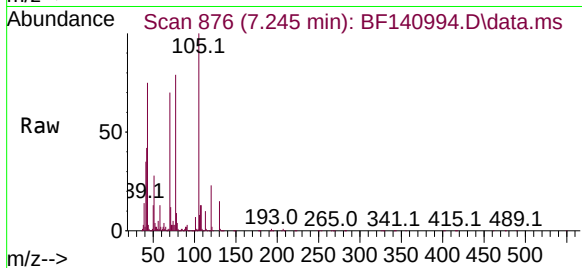
130 21.9 16.6 24.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#20

3+4-Methylphenols

Concen: 38.461 ng

RT: 7.228 min Scan# 873

Delta R.T. 0.000 min

Lab File: BF140994.D

Acq: 27 Dec 2024 13:59

Tgt Ion:107 Resp: 814911

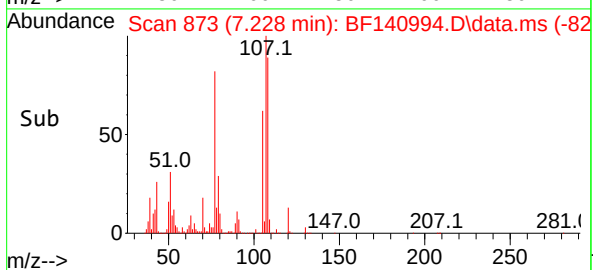
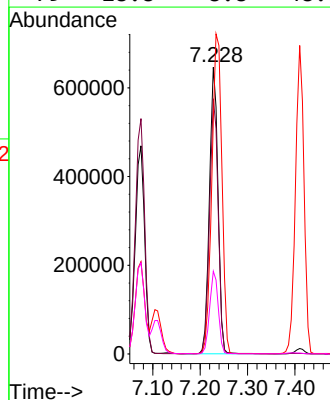
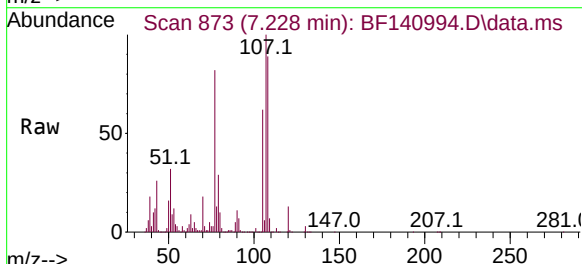
Ion Ratio Lower Upper

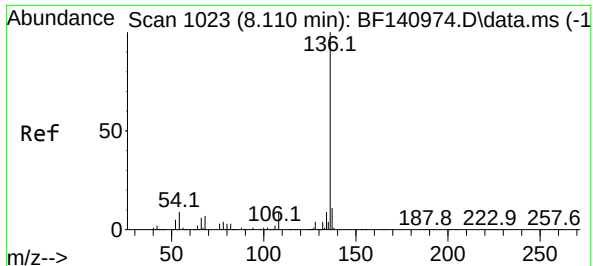
107 100

108 89.0 69.6 109.6

77 81.8 57.6 97.6

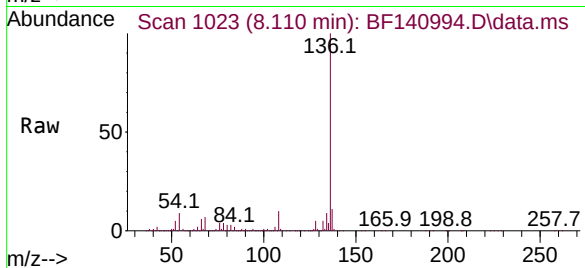
79 28.8 8.8 48.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59

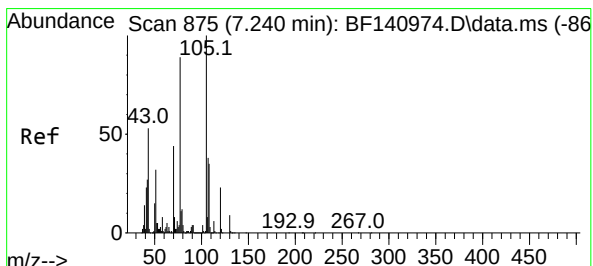
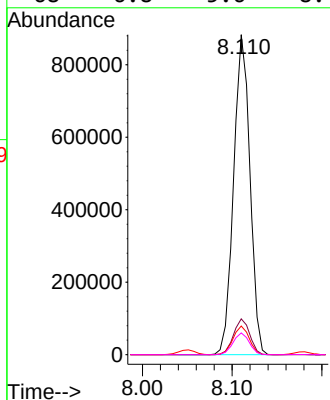
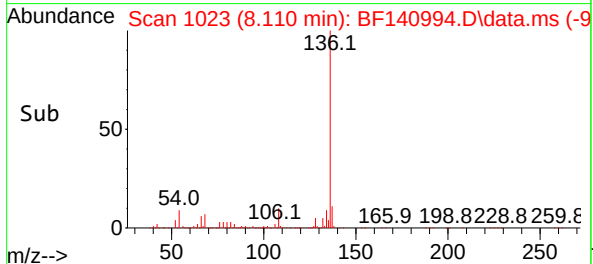
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:136 Resp: 1113818
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 8.9 7.6 11.4
68 6.8 5.6 8.4

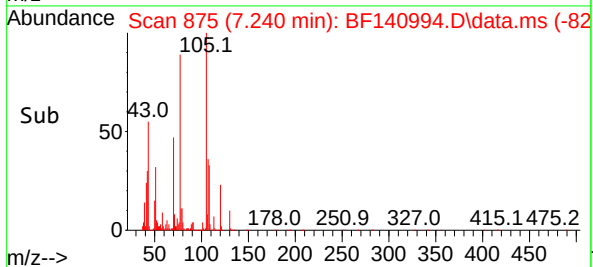
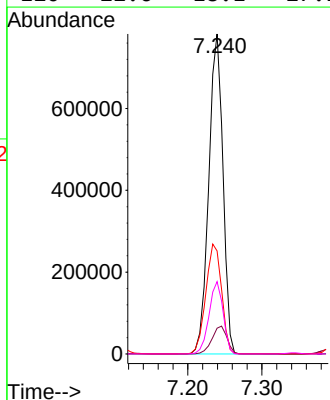
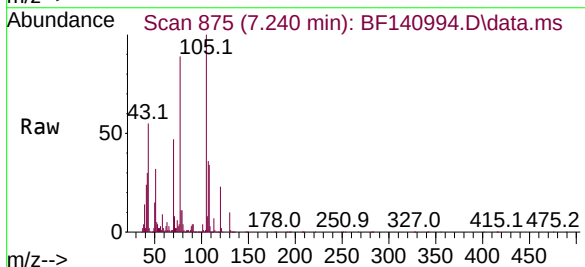
Manual Integrations
APPROVED

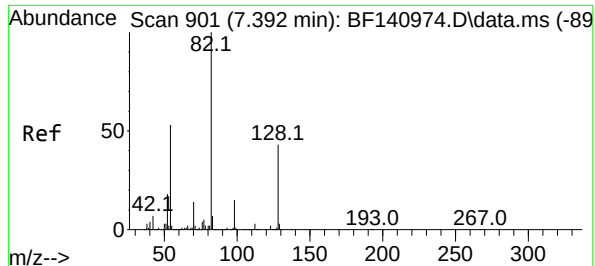
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#22
Acetophenone
Concen: 38.002 ng
RT: 7.240 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59

Tgt Ion:105 Resp: 1038352
Ion Ratio Lower Upper
105 100
71 8.0 6.1 9.1
51 32.2 25.8 38.6
120 22.6 18.1 27.1





#23

Nitrobenzene-d5

Concen: 91.990 ng

RT: 7.393 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF140994.D

Acq: 27 Dec 2024 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1601498

Ion Ratio Lower Upper

82 100

128 44.3 34.4 51.6

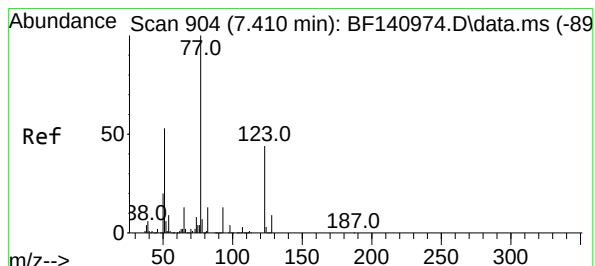
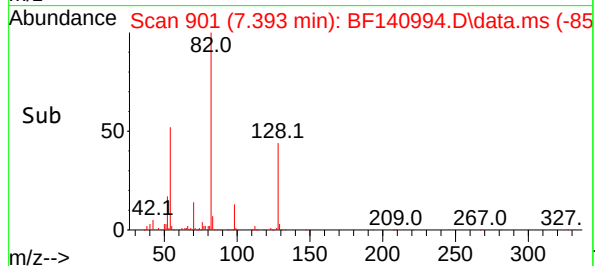
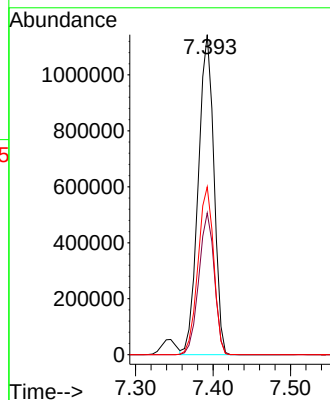
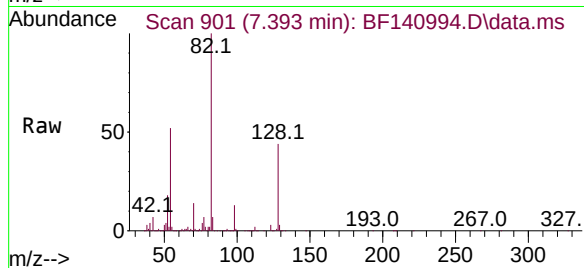
54 52.5 42.4 63.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#24

Nitrobenzene

Concen: 44.733 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF140994.D

Acq: 27 Dec 2024 13:59

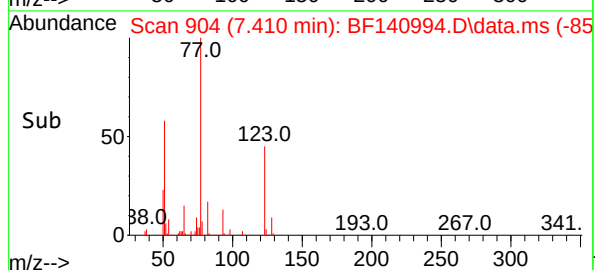
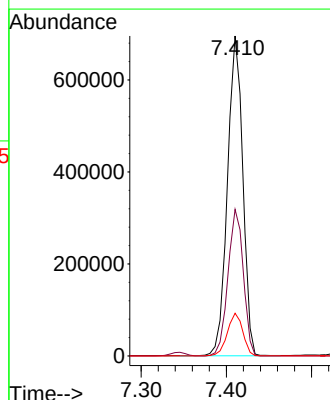
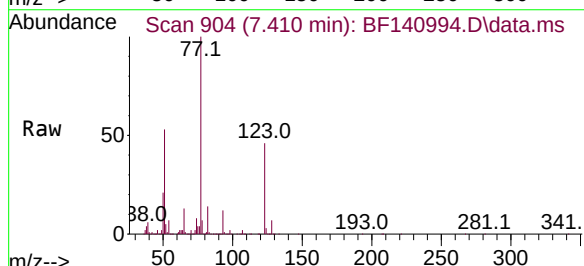
Tgt Ion: 77 Resp: 870199

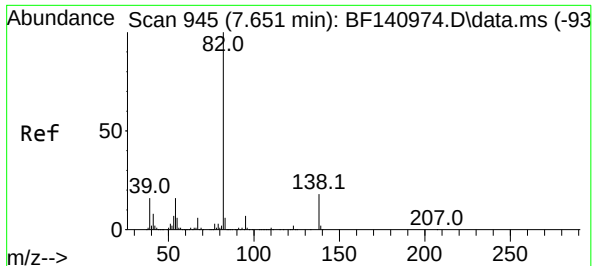
Ion Ratio Lower Upper

77 100

123 45.8 35.4 53.2

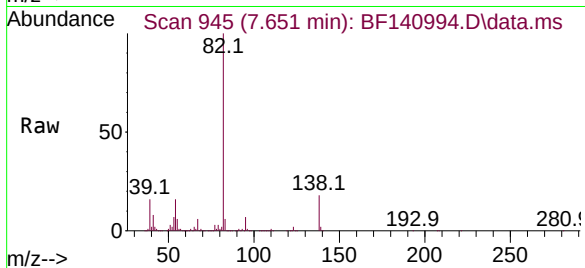
65 13.3 10.7 16.1





#25
Isophorone
Concen: 38.034 ng
RT: 7.651 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59

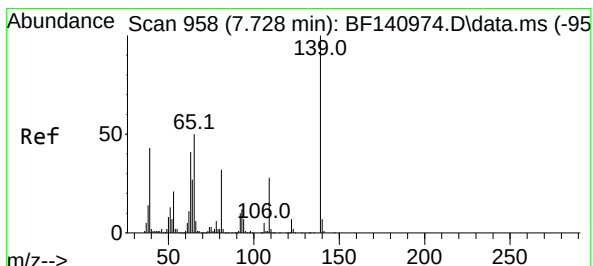
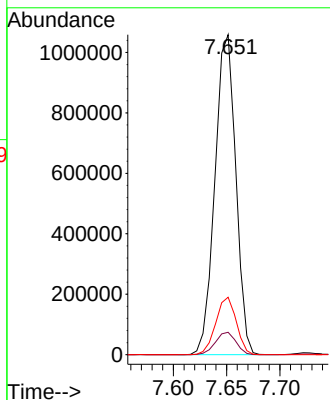
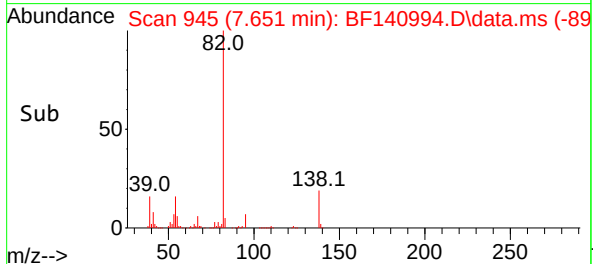
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 82 Resp: 144088
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 18.0 14.6 21.8

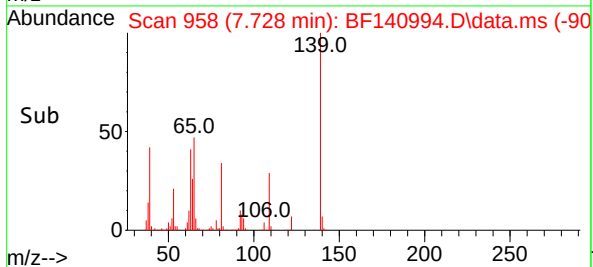
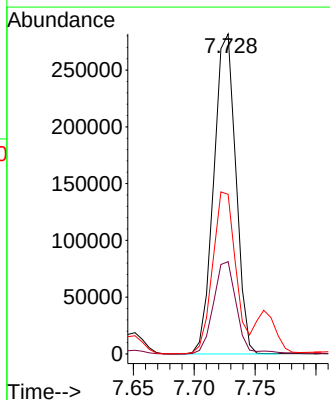
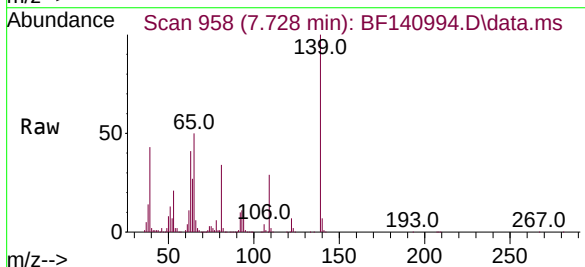
Manual Integrations
APPROVED

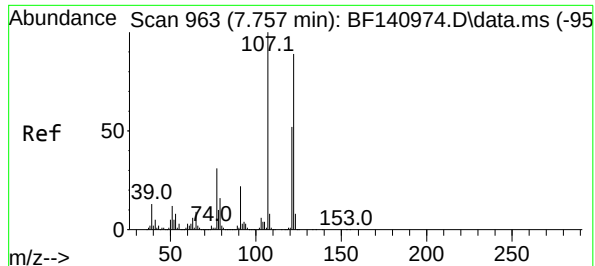
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#26
2-Nitrophenol
Concen: 45.034 ng
RT: 7.728 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59

Tgt Ion:139 Resp: 356081
Ion Ratio Lower Upper
139 100
109 28.8 22.2 33.4
65 49.9 40.2 60.4





#27

2,4-Dimethylphenol

Concen: 39.199 ng

RT: 7.757 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF140994.D

Acq: 27 Dec 2024 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:122 Resp: 542720

Ion Ratio Lower Upper

122 100

107 111.7 89.4 134.2

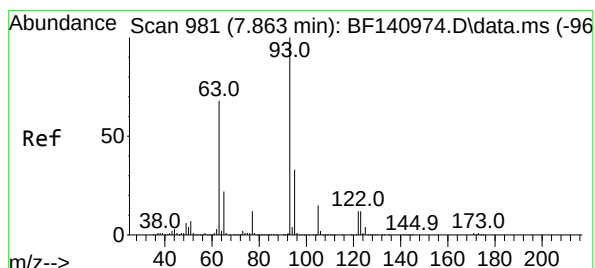
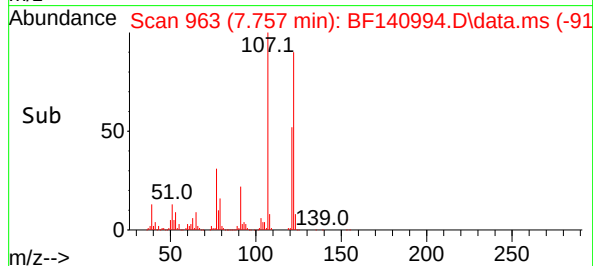
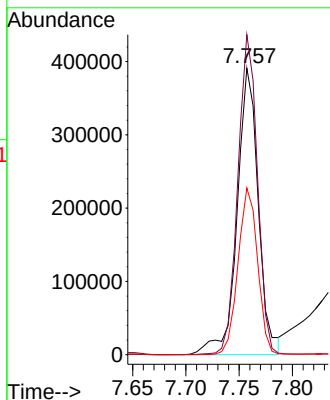
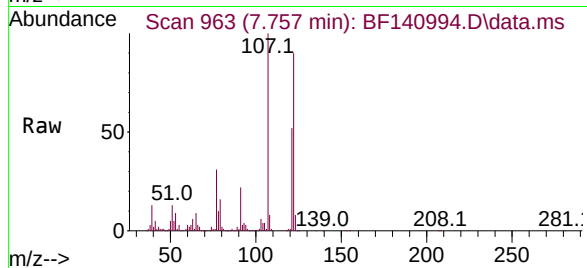
121 58.2 46.7 70.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#28

bis(2-Chloroethoxy)methane

Concen: 37.937 ng

RT: 7.863 min Scan# 981

Delta R.T. 0.000 min

Lab File: BF140994.D

Acq: 27 Dec 2024 13:59

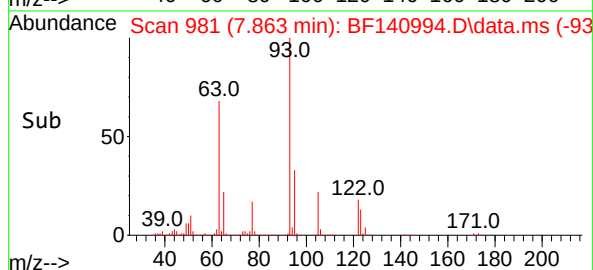
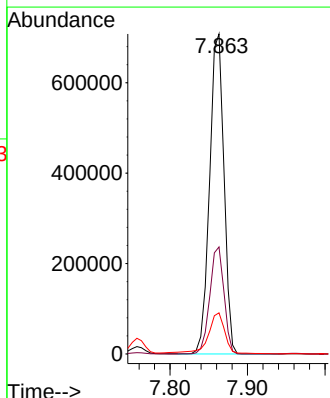
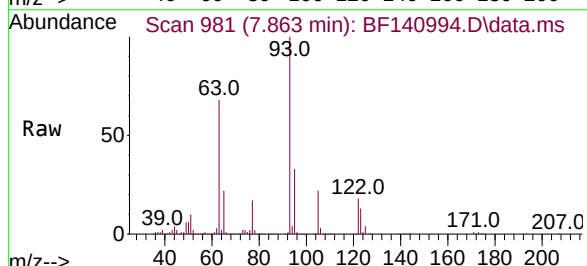
Tgt Ion: 93 Resp: 910595

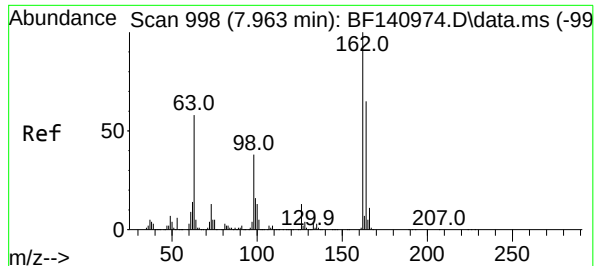
Ion Ratio Lower Upper

93 100

95 33.5 26.2 39.4

123 12.9 9.9 14.9





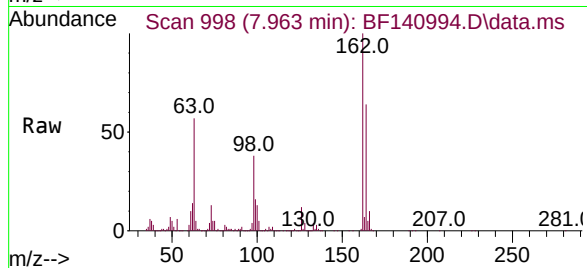
#29
2,4-Dichlorophenol
Concen: 39.596 ng
RT: 7.963 min Scan# 998
Delta R.T. 0.000 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

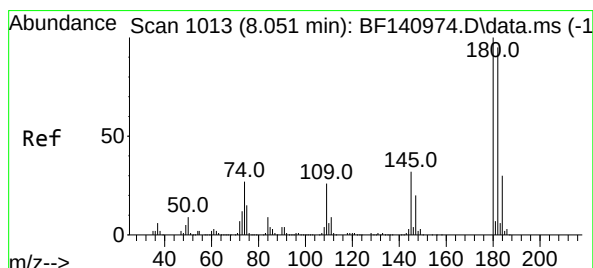
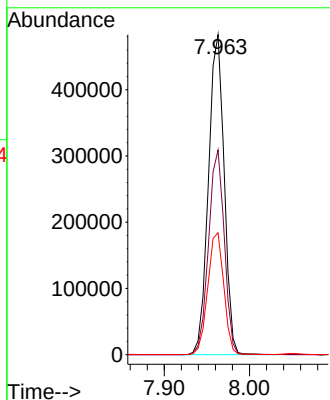
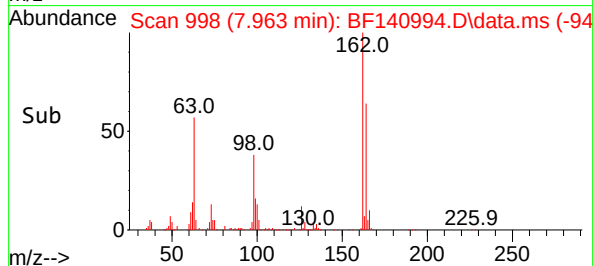


Tgt Ion:162 Resp: 621770
Ion Ratio Lower Upper
162 100
164 64.0 44.8 84.8
98 38.1 18.6 58.6

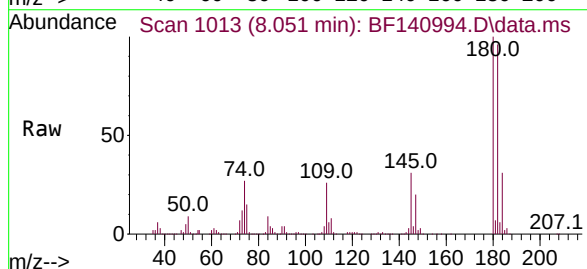
Manual Integrations

APPROVED

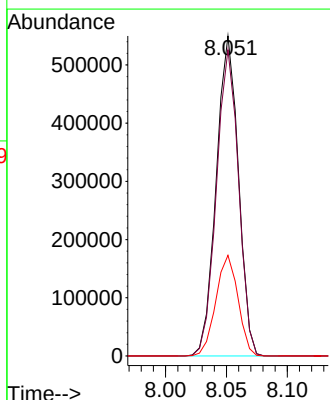
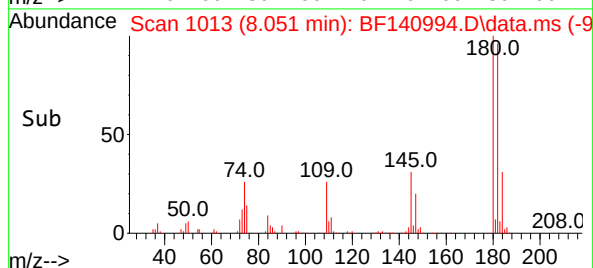
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

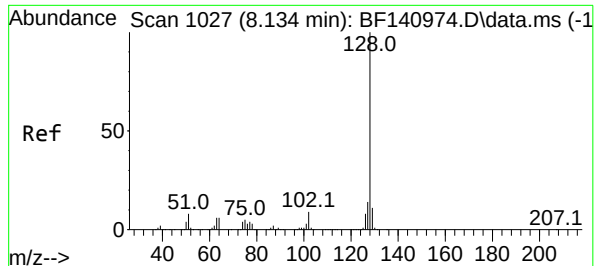


#30
1,2,4-Trichlorobenzene
Concen: 39.171 ng
RT: 8.051 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59



Tgt Ion:180 Resp: 696183
Ion Ratio Lower Upper
180 100
182 95.7 76.2 114.4
145 31.4 25.4 38.2





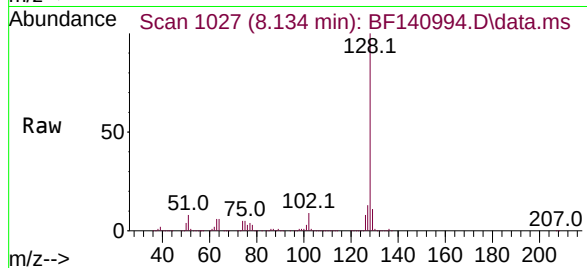
#31
Naphthalene
Concen: 38.456 ng
RT: 8.134 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



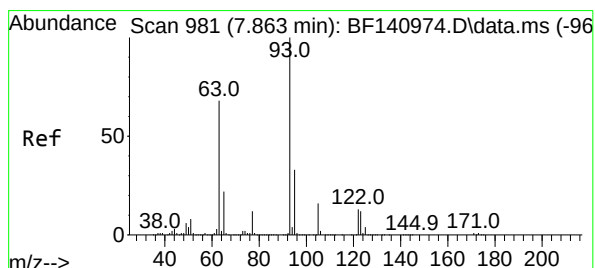
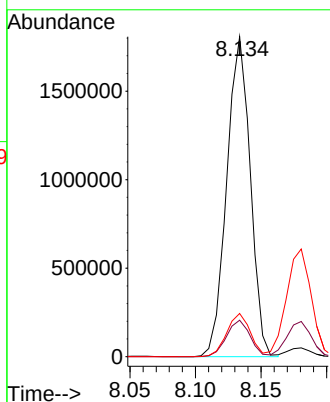
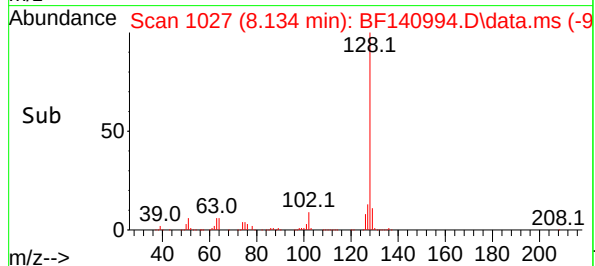
Tgt Ion:128 Resp: 2257008
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.5 11.0 16.4

Manual Integrations

APPROVED

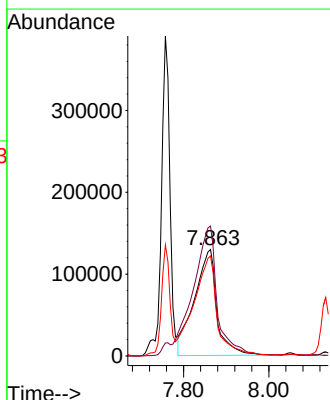
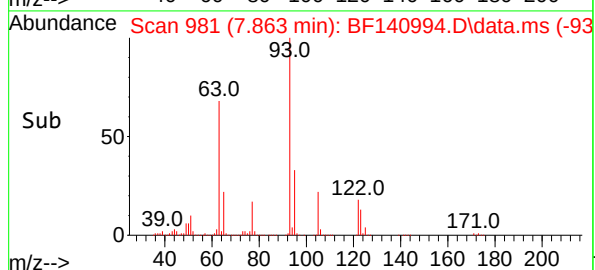
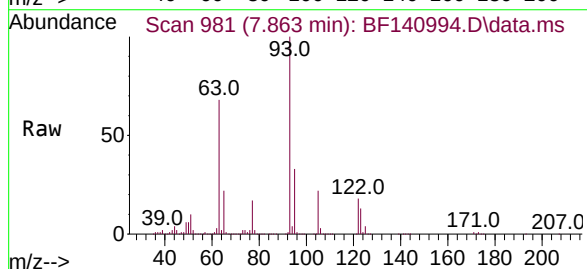
Reviewed By :Yogesh Patel 12/30/2024

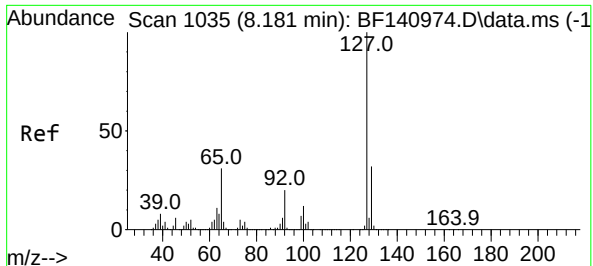
Supervised By :mohammad ahmed 12/30/2024



#32
Benzoic acid
Concen: 43.059 ng
RT: 7.863 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59

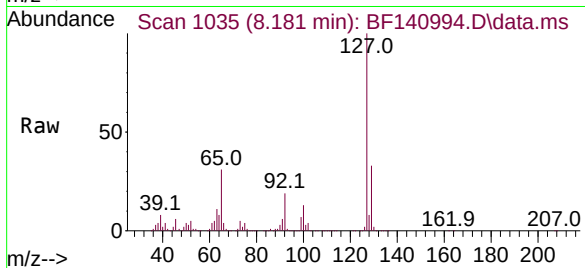
Tgt Ion:122 Resp: 479873
Ion Ratio Lower Upper
122 100
105 122.1 105.4 145.4
77 94.0 76.4 116.4





#33
4-Chloroaniline
Concen: 37.952 ng
RT: 8.181 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59

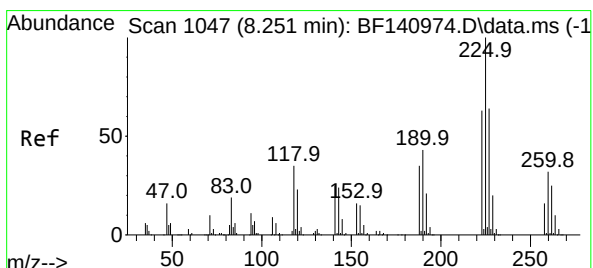
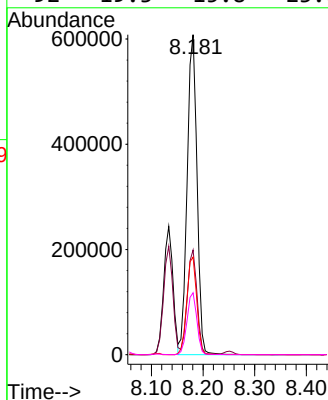
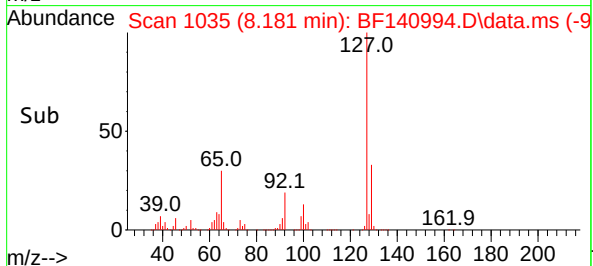
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:127 Resp: 805822
Ion Ratio Lower Upper
127 100
129 32.7 26.1 39.1
65 30.5 24.6 37.0
92 19.3 15.8 23.6

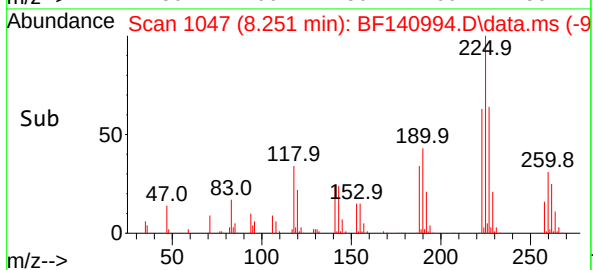
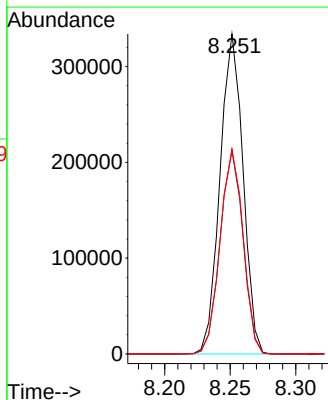
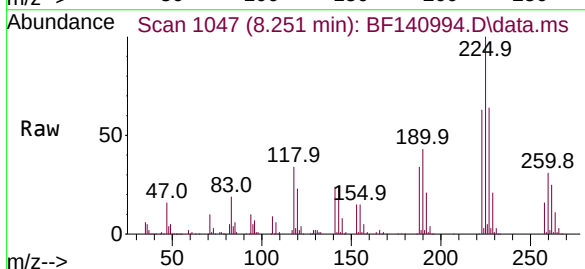
Manual Integrations
APPROVED

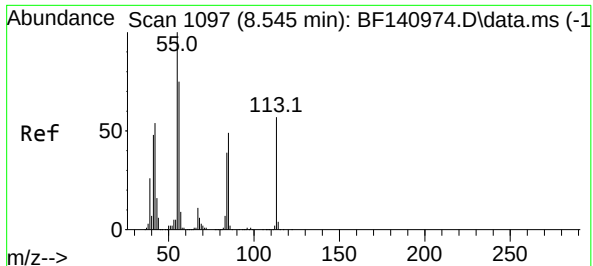
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#34
Hexachlorobutadiene
Concen: 38.912 ng
RT: 8.251 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59

Tgt Ion:225 Resp: 407709
Ion Ratio Lower Upper
225 100
223 63.4 50.3 75.5
227 64.0 50.8 76.2





#35

Caprolactam

Concen: 39.233 ng m

RT: 8.545 min Scan# 1097

Delta R.T. 0.000 min

Lab File: BF140994.D

Acq: 27 Dec 2024 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:113 Resp: 209430

Ion Ratio Lower Upper

113 100

55 175.2 156.6 196.6

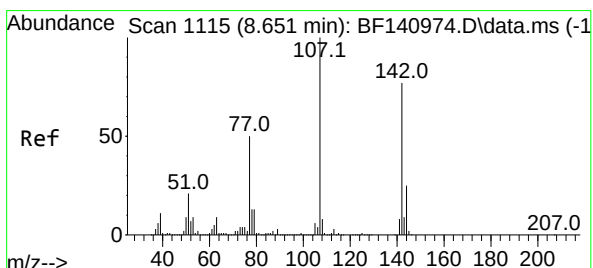
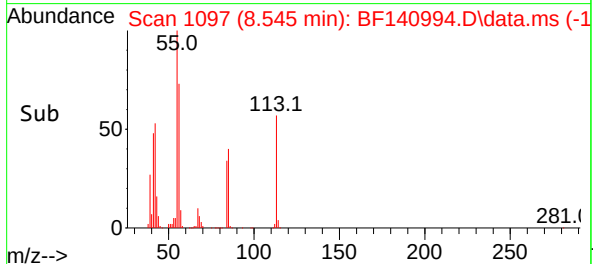
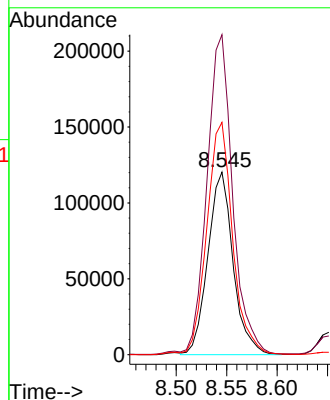
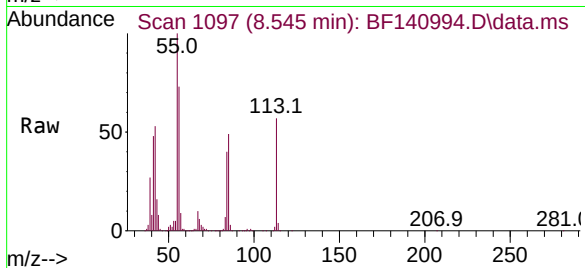
56 127.2 111.7 151.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#36

4-Chloro-3-methylphenol

Concen: 38.663 ng

RT: 8.651 min Scan# 1115

Delta R.T. 0.000 min

Lab File: BF140994.D

Acq: 27 Dec 2024 13:59

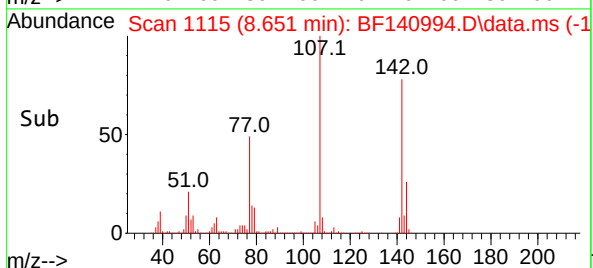
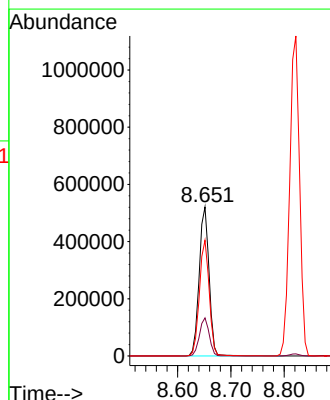
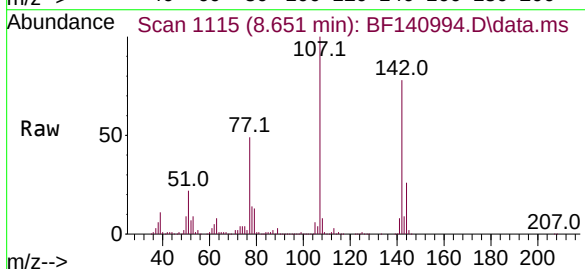
Tgt Ion:107 Resp: 674230

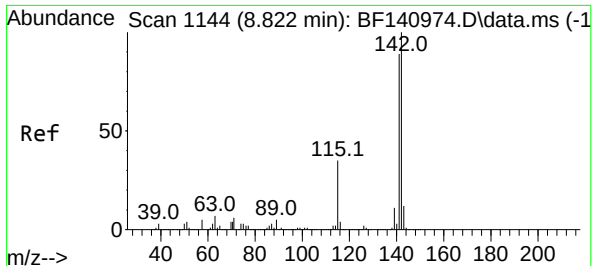
Ion Ratio Lower Upper

107 100

144 25.6 19.9 29.9

142 77.7 61.8 92.8





#37
2-Methylnaphthalene
Concen: 38.321 ng
RT: 8.822 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59

Instrument :

BNA_F

ClientSampleId :

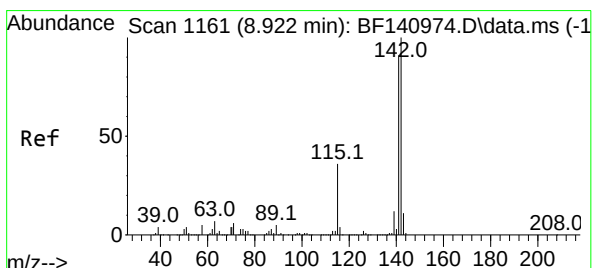
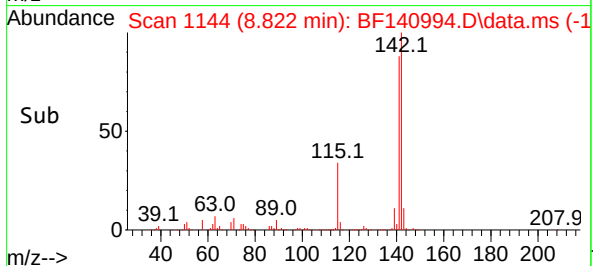
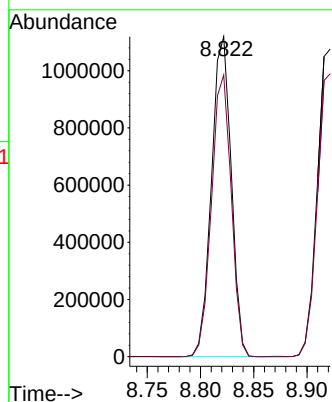
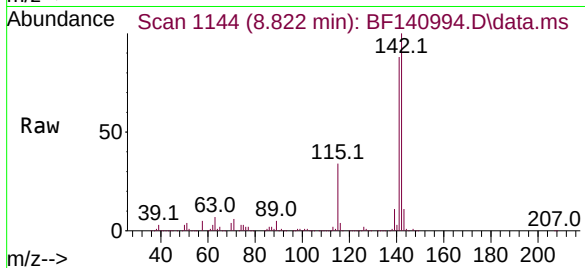
SSTDCCC040

Tgt Ion:142 Resp: 143883
Ion Ratio Lower Upper
142 100
141 88.1 71.1 106.7

Manual Integrations

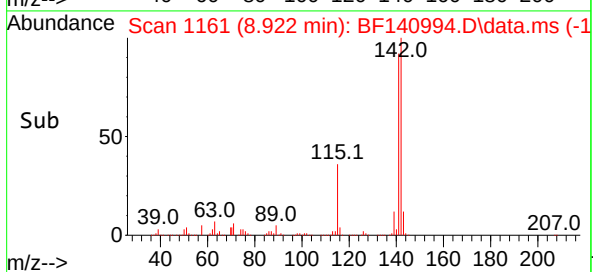
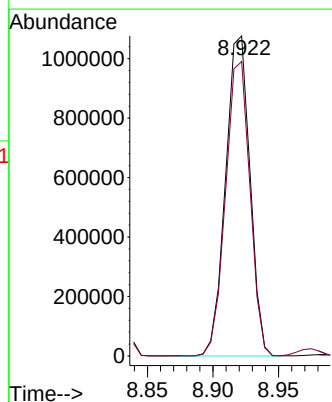
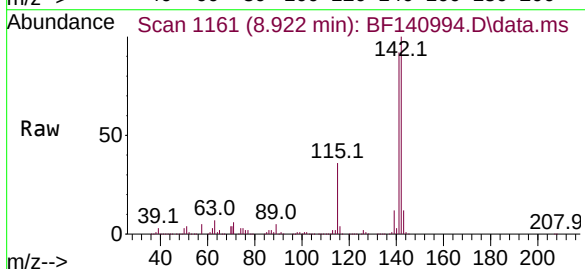
APPROVED

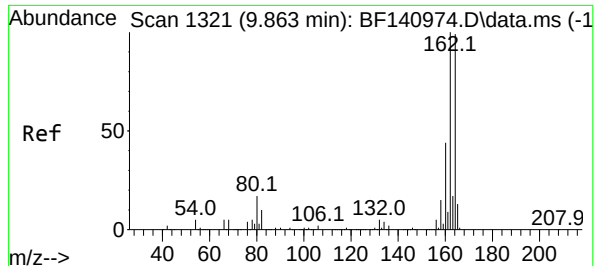
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#38
1-Methylnaphthalene
Concen: 37.754 ng
RT: 8.922 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59

Tgt Ion:142 Resp: 1393127
Ion Ratio Lower Upper
142 100
141 92.0 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF140994.D

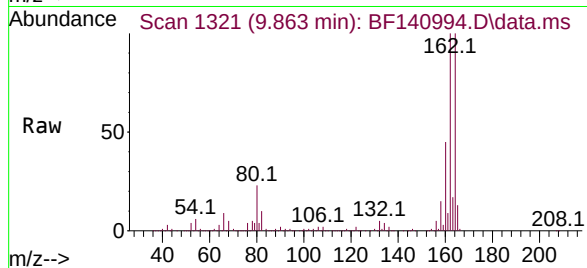
Acq: 27 Dec 2024 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 58582

Ion Ratio Lower Upper

164 100

162 99.8 80.6 120.8

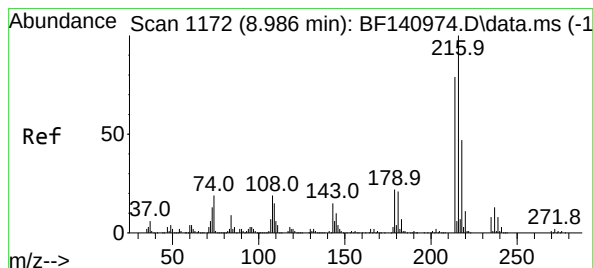
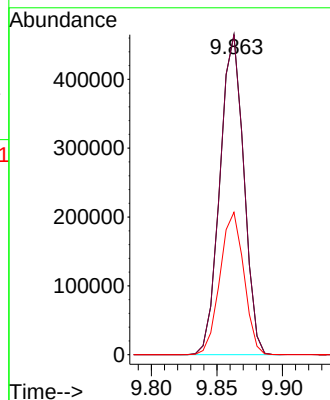
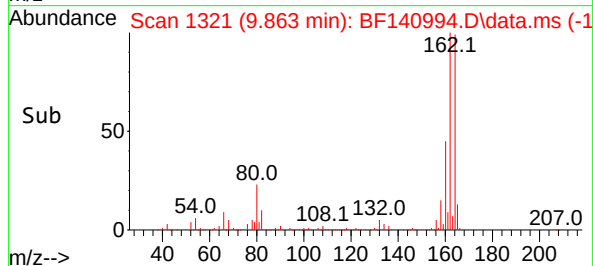
160 44.5 35.7 53.5

Manual Integrations

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Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#40

1,2,4,5-Tetrachlorobenzene

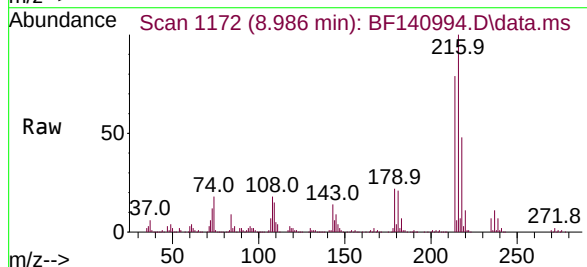
Concen: 39.245 ng

RT: 8.986 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF140994.D

Acq: 27 Dec 2024 13:59



Tgt Ion:216 Resp: 632502

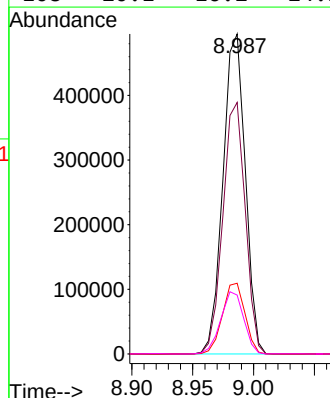
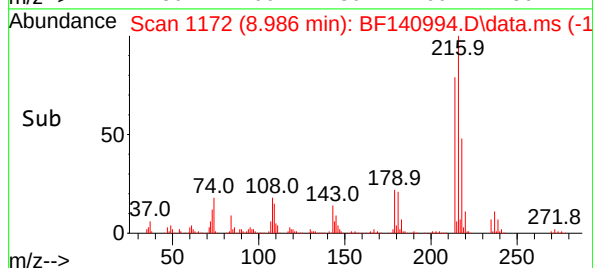
Ion Ratio Lower Upper

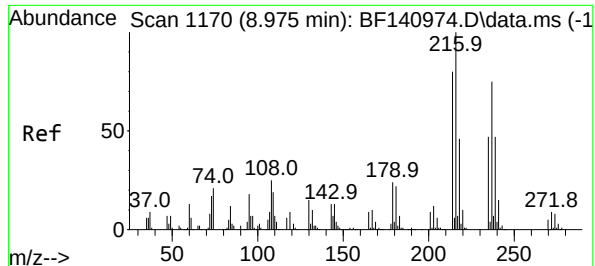
216 100

214 78.7 63.0 94.6

179 22.3 17.9 26.9

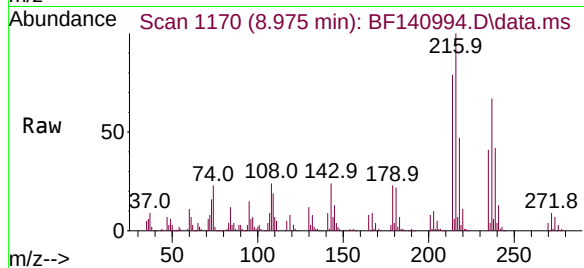
108 20.1 16.2 24.2





#41
Hexachlorocyclopentadiene
Concen: 40.751 ng
RT: 8.975 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59

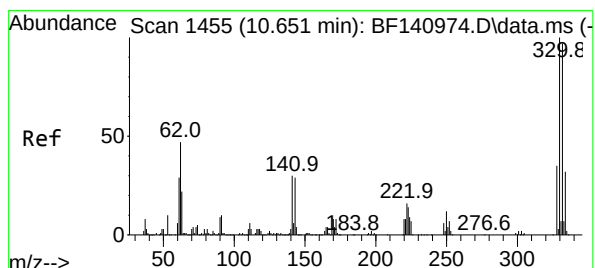
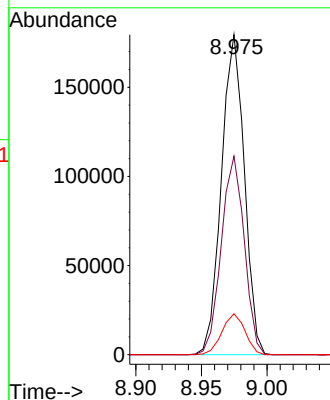
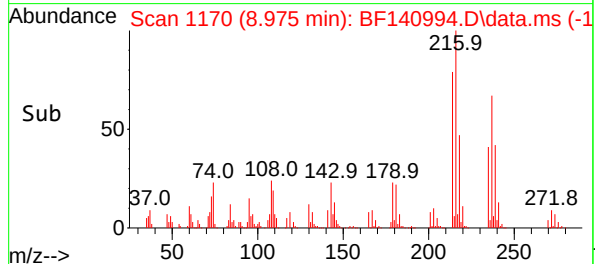
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



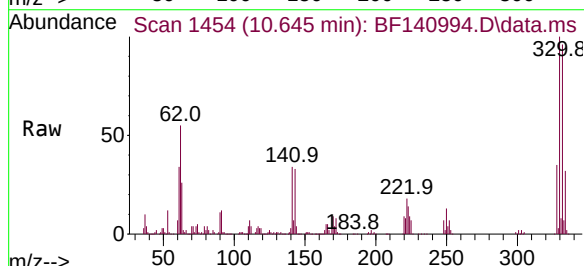
Tgt Ion:237 Resp: 21764
Ion Ratio Lower Upper
237 100
235 62.0 43.4 83.4
272 12.8 0.0 32.6

Manual Integrations
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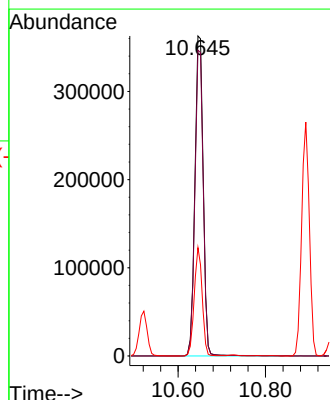
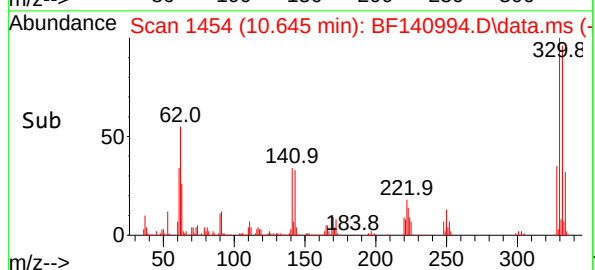
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

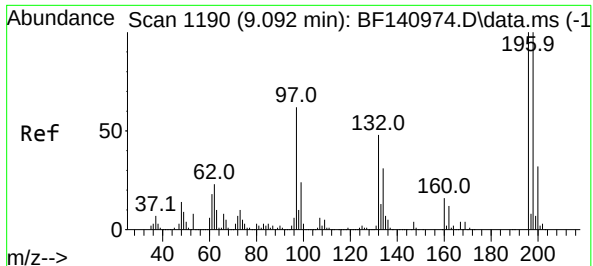


#42
2,4,6-Tribromophenol
Concen: 84.432 ng
RT: 10.645 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59



Tgt Ion:330 Resp: 480628
Ion Ratio Lower Upper
330 100
332 95.5 78.0 117.0
141 32.4 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 40.100 ng

RT: 9.092 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF140994.D

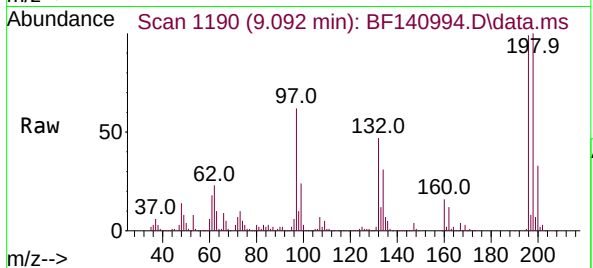
Acq: 27 Dec 2024 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:196 Resp: 430134

Ion Ratio Lower Upper

196 100

198 100.9 80.2 120.4

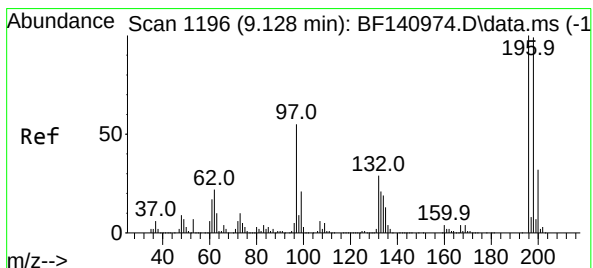
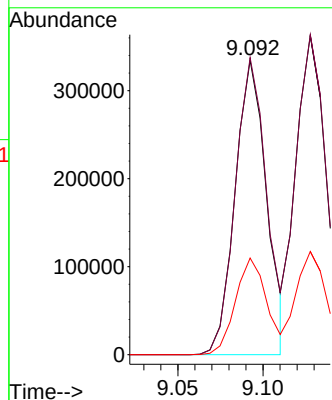
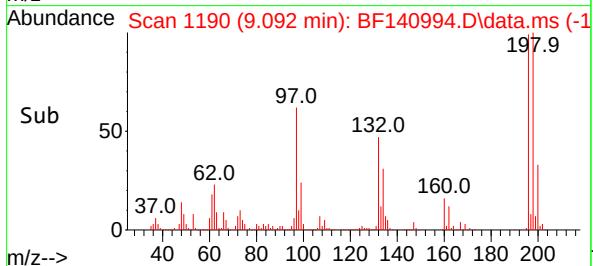
200 32.9 25.8 38.6

Manual Integrations

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Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#44

2,4,5-Trichlorophenol

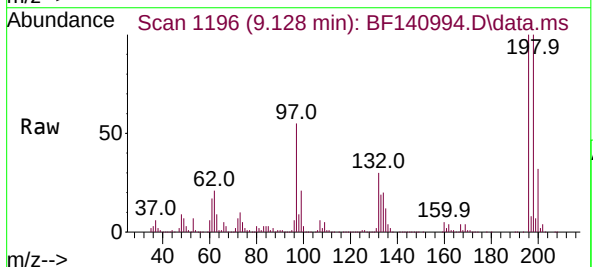
Concen: 41.204 ng

RT: 9.128 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF140994.D

Acq: 27 Dec 2024 13:59



Tgt Ion:196 Resp: 452225

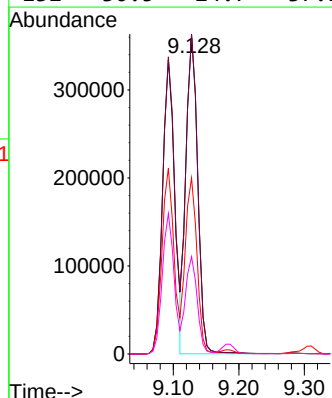
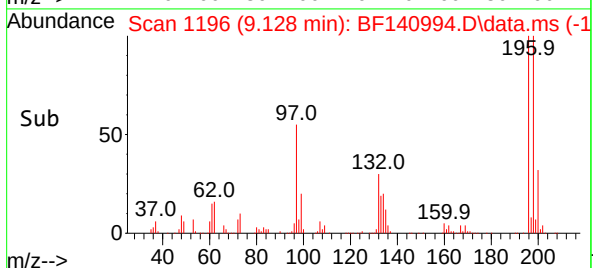
Ion Ratio Lower Upper

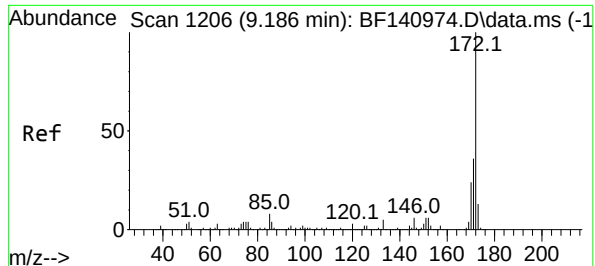
196 100

198 100.3 79.9 119.9

97 55.2 44.3 66.5

132 30.5 24.7 37.1





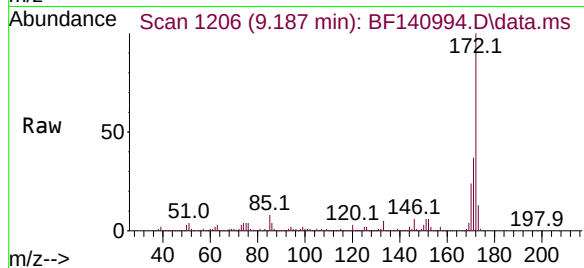
#45
2-Fluorobiphenyl
Concen: 75.089 ng
RT: 9.187 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

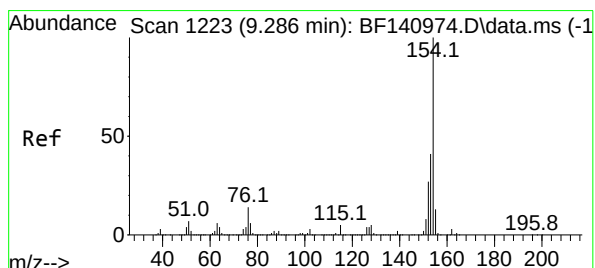
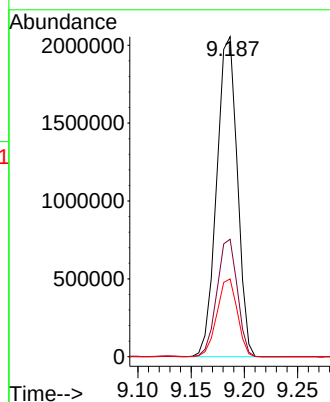
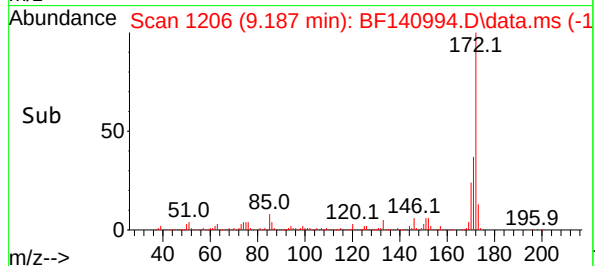


Tgt Ion:172 Resp: 2760974
Ion Ratio Lower Upper
172 100
171 36.7 29.0 43.4
170 24.3 19.6 29.4

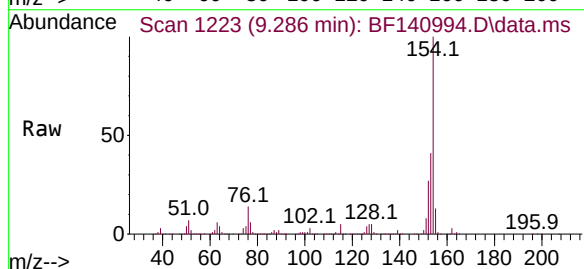
Manual Integrations

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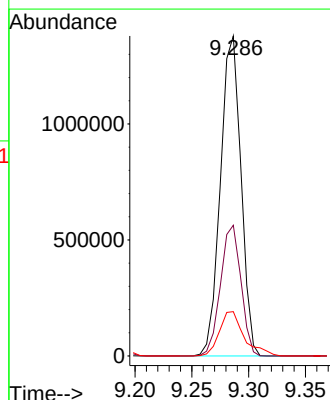
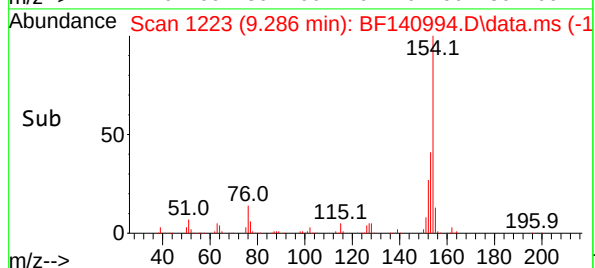
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

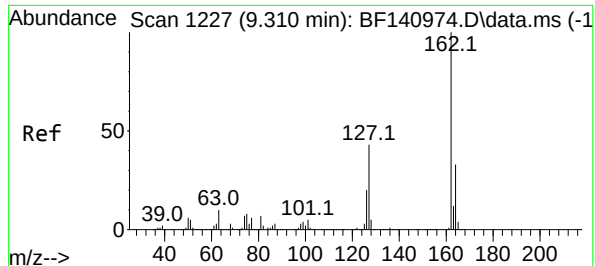


#46
1,1'-Biphenyl
Concen: 38.706 ng
RT: 9.286 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59



Tgt Ion:154 Resp: 1736208
Ion Ratio Lower Upper
154 100
153 40.8 20.9 60.9
76 13.8 0.0 34.0





#47

2-Chloronaphthalene

Concen: 38.378 ng

RT: 9.310 min Scan# 1227

Delta R.T. 0.000 min

Lab File: BF140994.D

Acq: 27 Dec 2024 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 133512

Ion Ratio Lower Upper

162 100

127 42.4 34.2 51.4

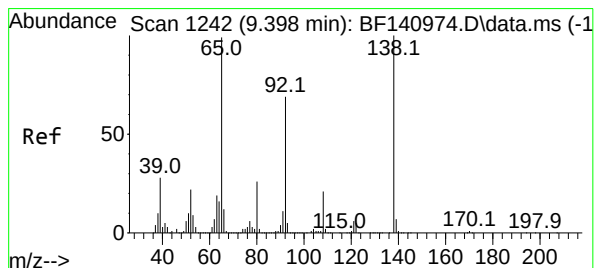
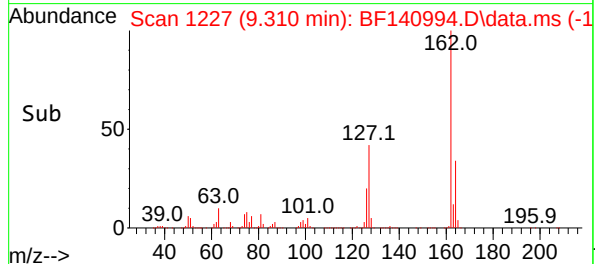
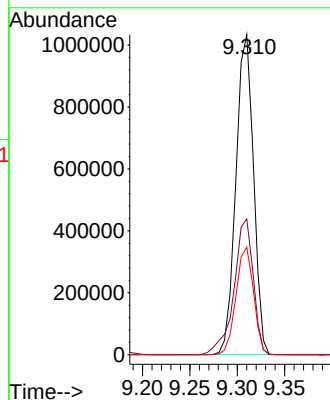
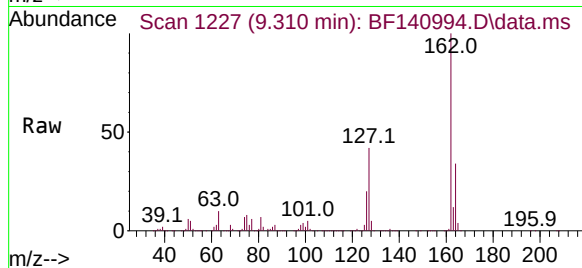
164 33.6 26.6 40.0

Manual Integrations

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Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#48

2-Nitroaniline

Concen: 45.257 ng

RT: 9.398 min Scan# 1242

Delta R.T. 0.000 min

Lab File: BF140994.D

Acq: 27 Dec 2024 13:59

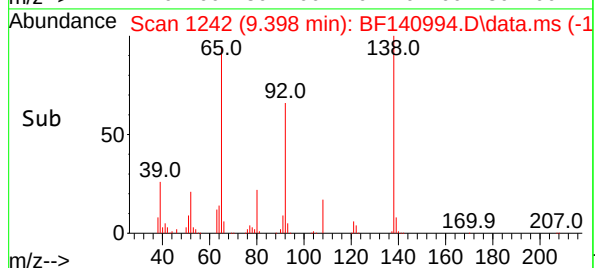
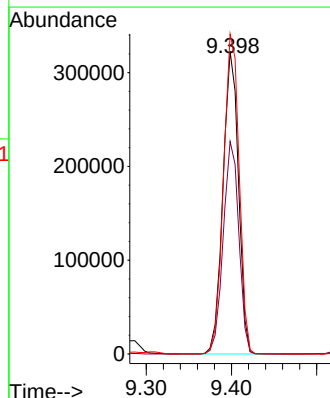
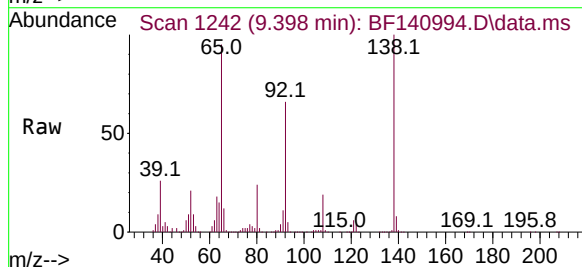
Tgt Ion: 65 Resp: 409210

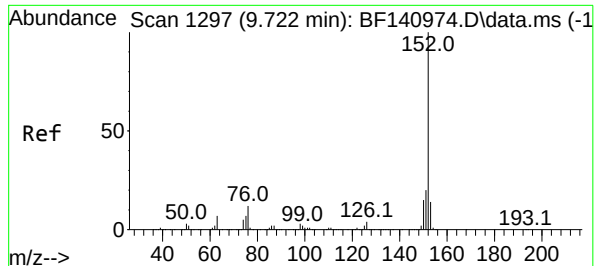
Ion Ratio Lower Upper

65 100

92 70.2 55.6 83.4

138 105.8 80.5 120.7





#49

Acenaphthylene

Concen: 38.857 ng

RT: 9.722 min Scan# 1297

Delta R.T. -0.000 min

Lab File: BF140994.D

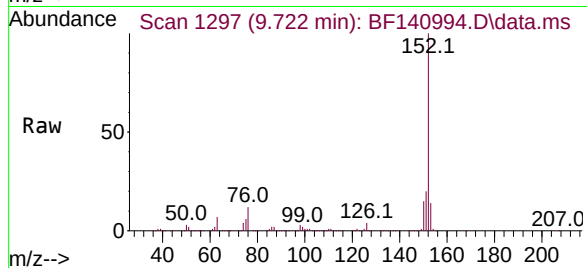
Acq: 27 Dec 2024 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:152 Resp: 1945990

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

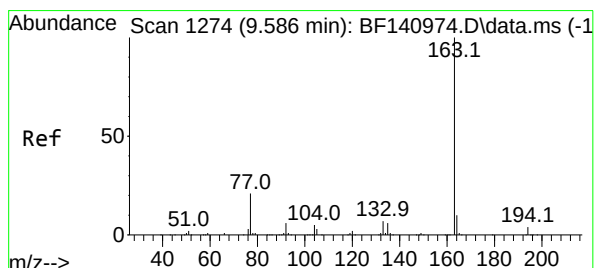
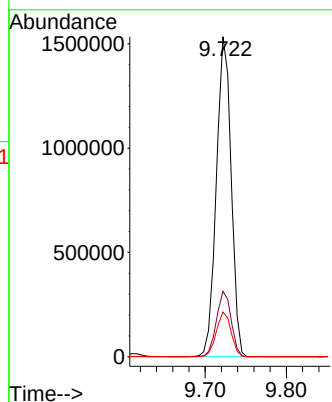
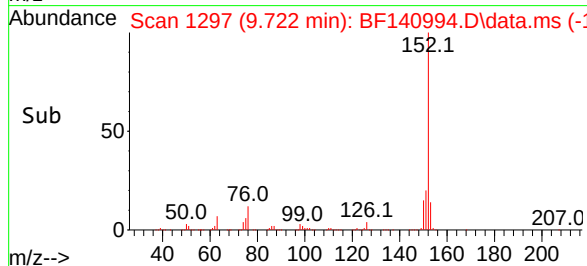
153 14.0 11.4 17.0

Manual Integrations

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Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#50

Dimethylphthalate

Concen: 38.961 ng

RT: 9.586 min Scan# 1274

Delta R.T. 0.000 min

Lab File: BF140994.D

Acq: 27 Dec 2024 13:59

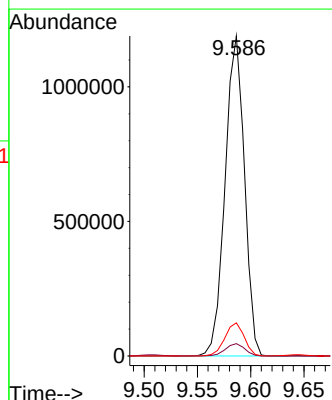
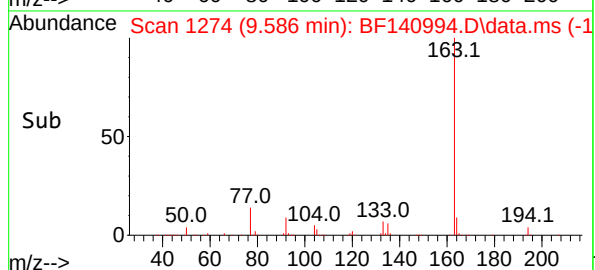
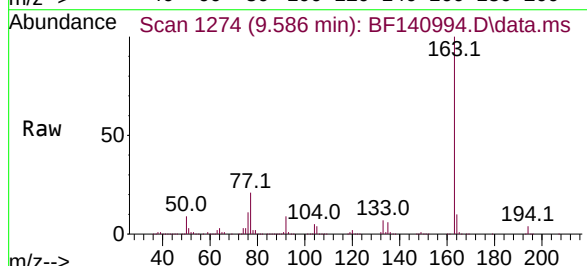
Tgt Ion:163 Resp: 1501321

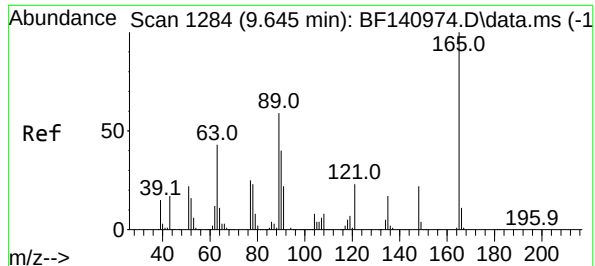
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

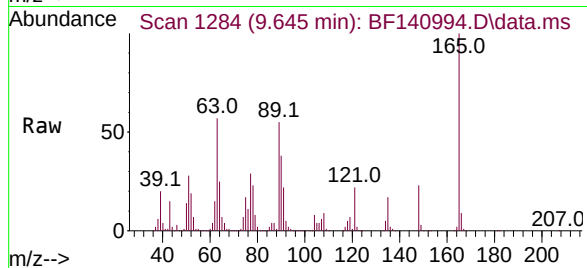
164 10.3 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 44.477 ng
RT: 9.645 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59

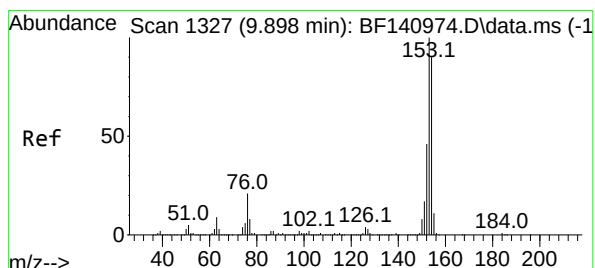
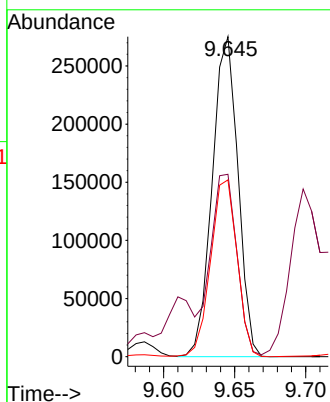
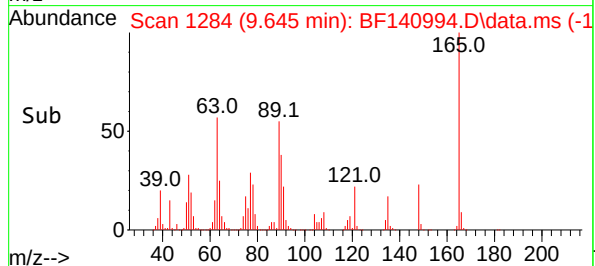
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 347234
Ion Ratio Lower Upper
165 100
63 57.0 47.1 70.7
89 55.2 47.0 70.4

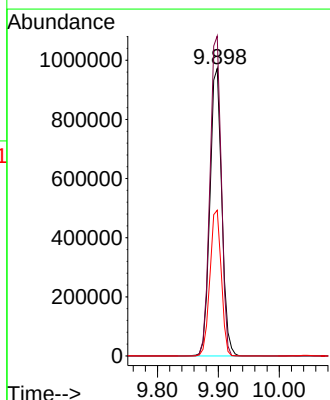
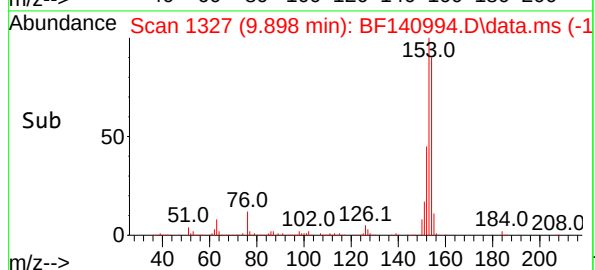
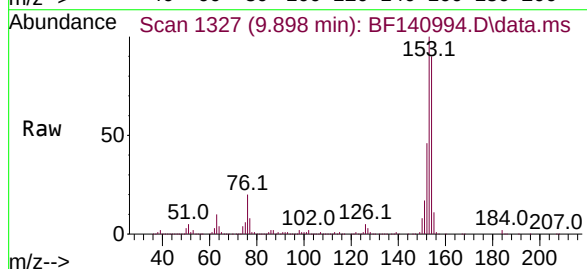
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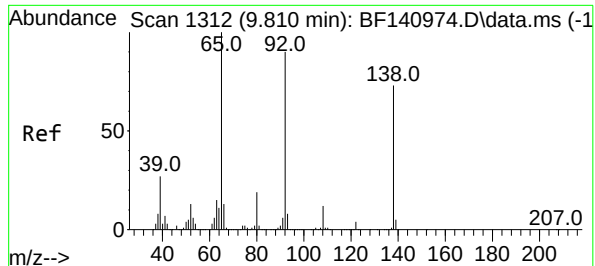
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#52
Acenaphthene
Concen: 38.833 ng
RT: 9.898 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59

Tgt Ion:154 Resp: 1314751
Ion Ratio Lower Upper
154 100
153 111.3 89.2 133.8
152 50.7 40.9 61.3





#53

3-Nitroaniline

Concen: 44.203 ng

RT: 9.810 min Scan# 1312

Delta R.T. -0.000 min

Lab File: BF140994.D

Acq: 27 Dec 2024 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:138 Resp: 375390

Ion Ratio Lower Upper

138 100

108 11.7 13.5 20.3

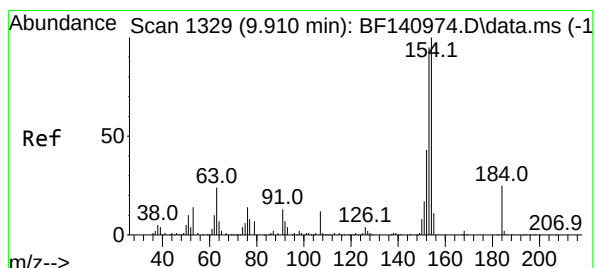
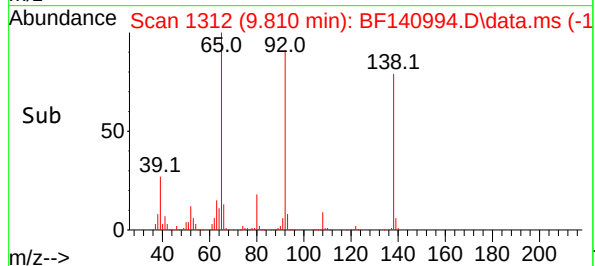
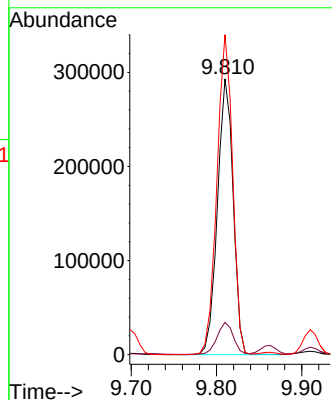
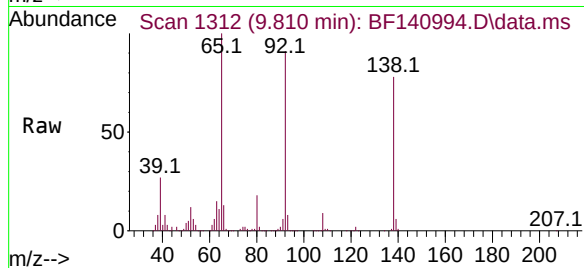
92 116.0 97.7 146.5

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Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#54

2,4-Dinitrophenol

Concen: 47.390 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.000 min

Lab File: BF140994.D

Acq: 27 Dec 2024 13:59

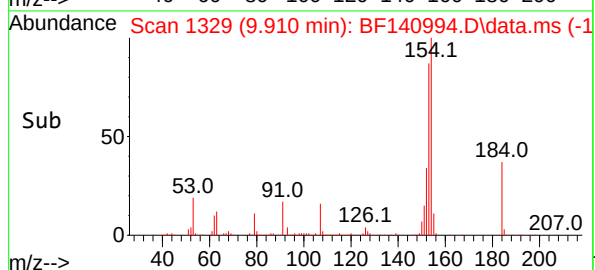
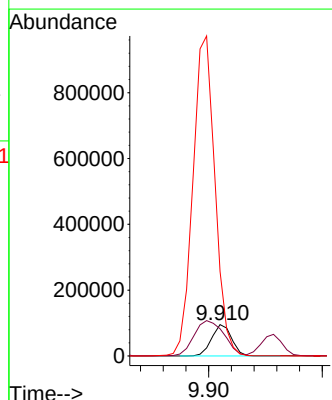
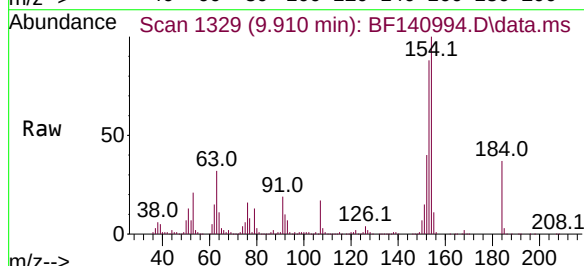
Tgt Ion:184 Resp: 116362

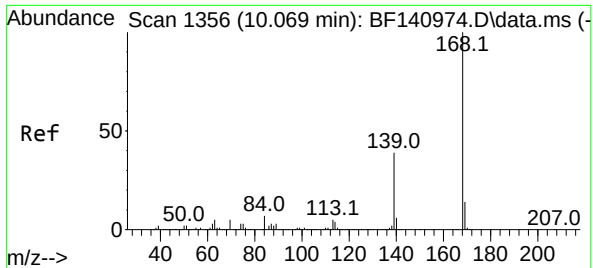
Ion Ratio Lower Upper

184 100

63 86.7 81.6 122.4

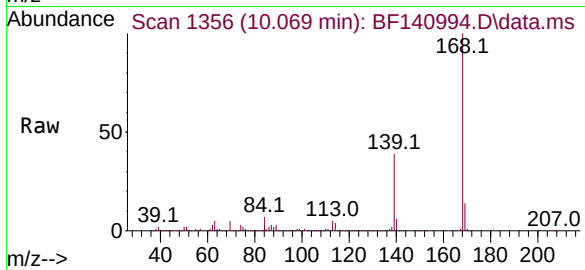
154 270.2 363.5 545.3





#55
Dibenzofuran
Concen: 38.499 ng
RT: 10.069 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59

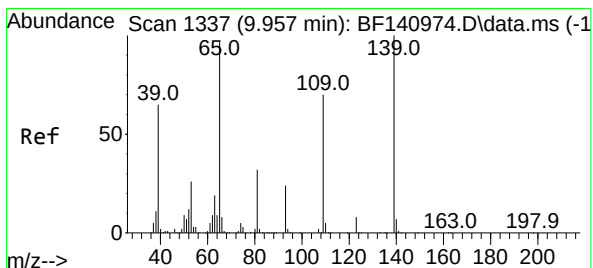
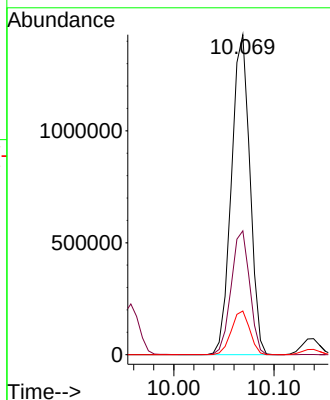
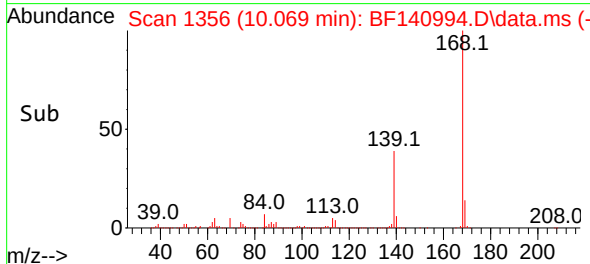
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 183178
Ion Ratio Lower Upper
168 100
139 38.7 31.6 47.4
169 13.7 11.0 16.6

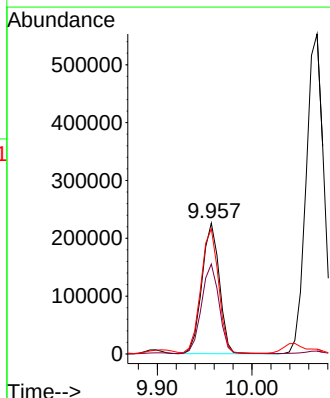
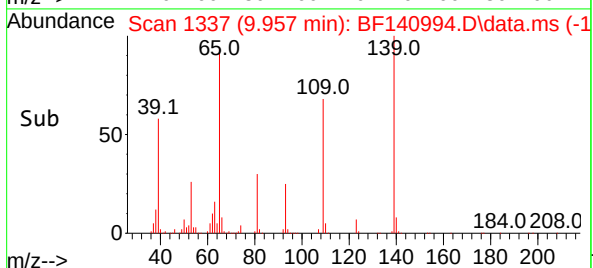
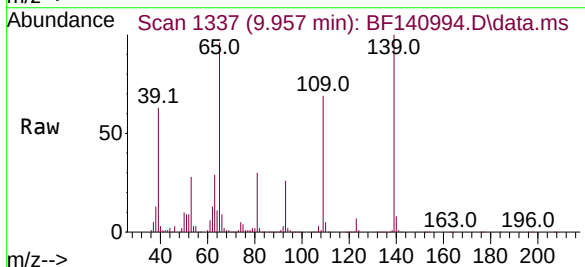
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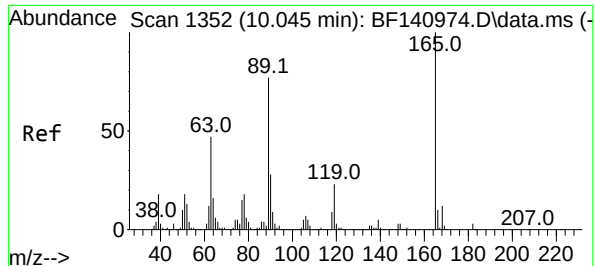
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#56
4-Nitrophenol
Concen: 43.761 ng
RT: 9.957 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59

Tgt Ion:139 Resp: 288447
Ion Ratio Lower Upper
139 100
109 68.7 50.8 90.8
65 95.6 78.5 118.5





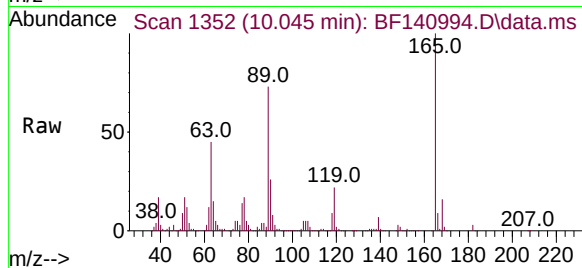
#57
2,4-Dinitrotoluene
Concen: 46.211 ng
RT: 10.045 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

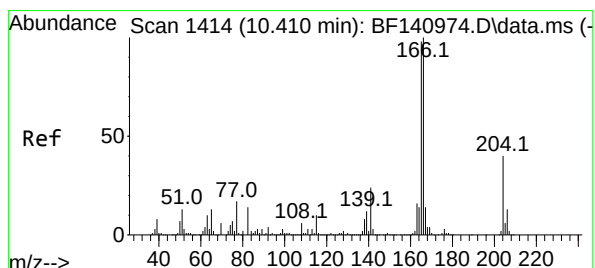
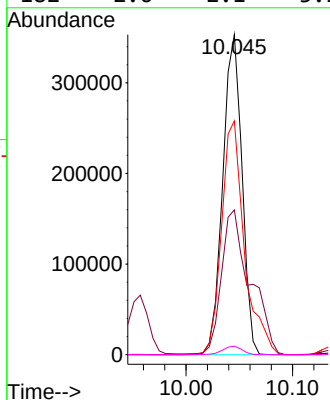
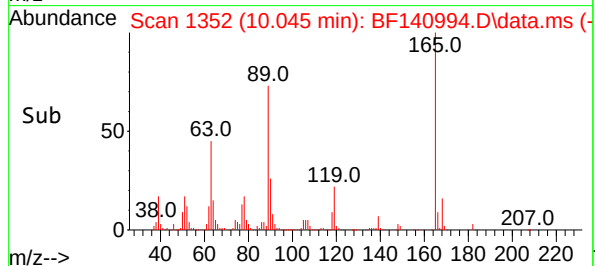


Tgt Ion:165 Resp: 44259
Ion Ratio Lower Upper
165 100
63 45.2 38.1 57.1
89 73.1 61.4 92.2
182 2.6 2.1 3.1

Manual Integrations

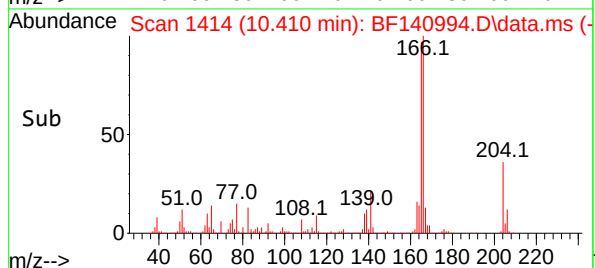
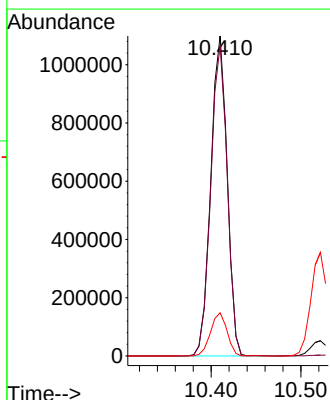
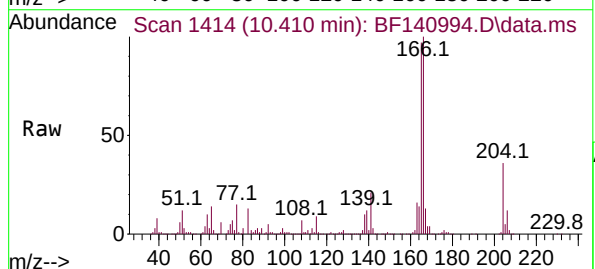
APPROVED

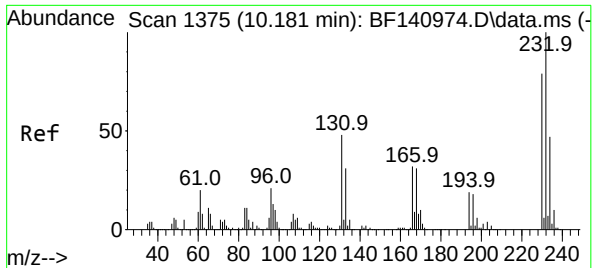
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#58
Fluorene
Concen: 37.810 ng
RT: 10.410 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59

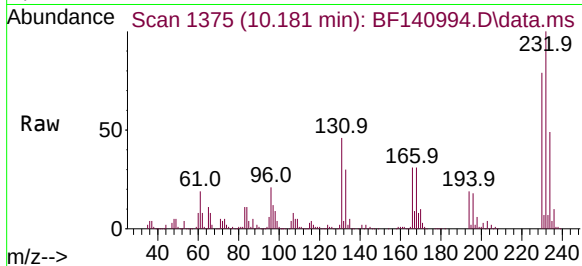
Tgt Ion:166 Resp: 1395040
Ion Ratio Lower Upper
166 100
165 97.0 78.3 117.5
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.652 ng
RT: 10.181 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59

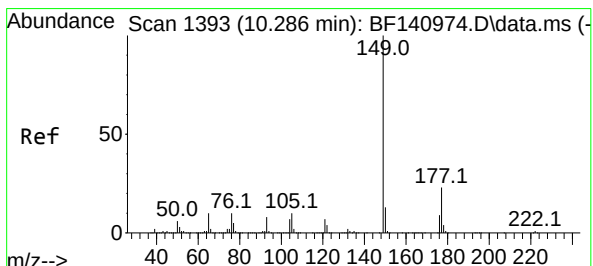
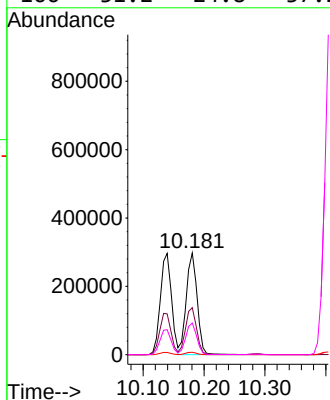
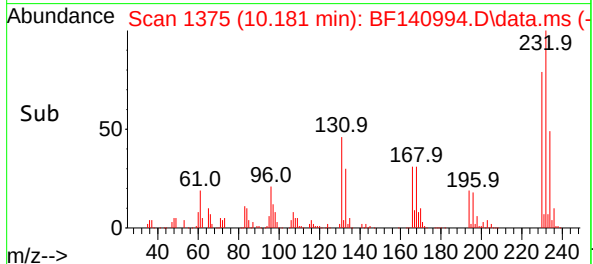
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:232 Resp: 369514
Ion Ratio Lower Upper
232 100
131 46.6 37.4 56.2
130 2.4 1.8 2.8
166 31.2 24.8 37.2

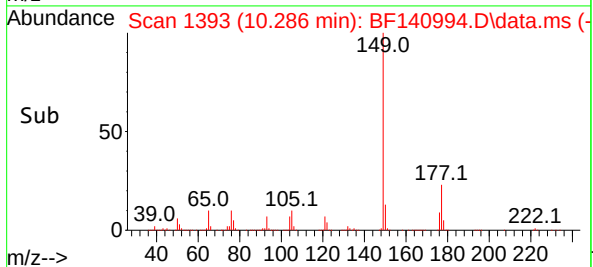
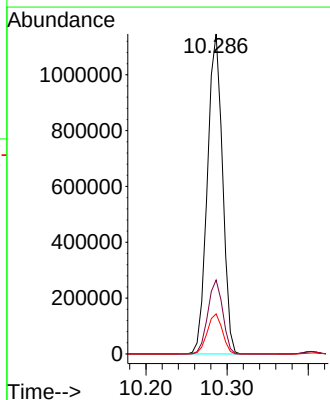
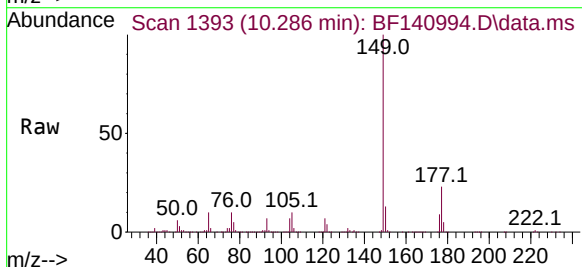
Manual Integrations
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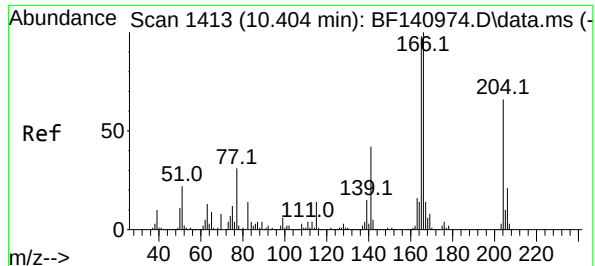
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#60
Diethylphthalate
Concen: 38.843 ng
RT: 10.286 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59

Tgt Ion:149 Resp: 1477637
Ion Ratio Lower Upper
149 100
177 23.1 18.3 27.5
150 12.5 10.4 15.6





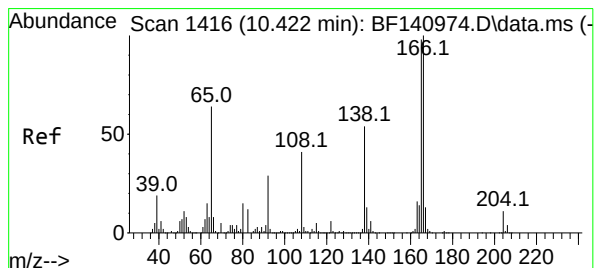
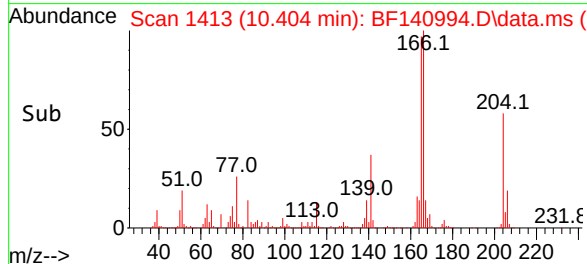
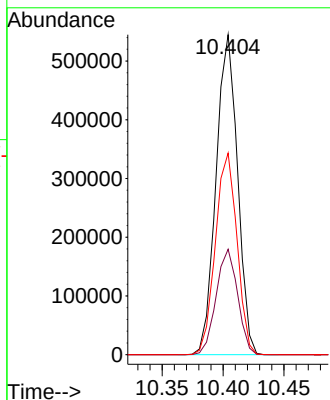
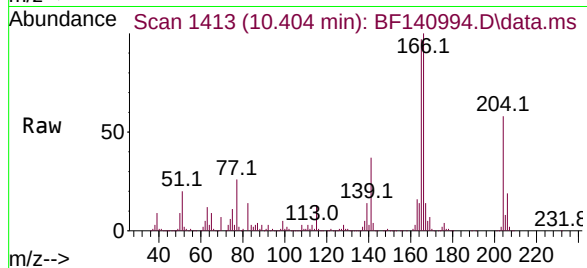
#61
4-Chlorophenyl-phenylether
Concen: 37.721 ng
RT: 10.404 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 669688
Ion Ratio Lower Upper
204 100
206 32.9 25.8 38.6
141 63.0 51.2 76.8

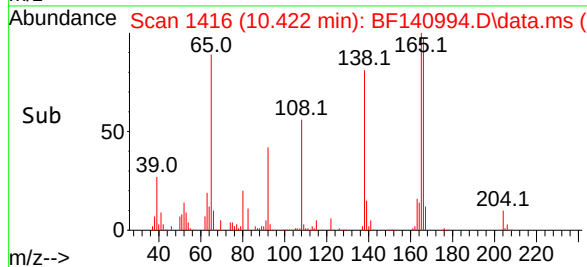
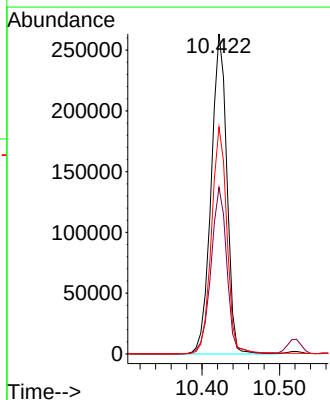
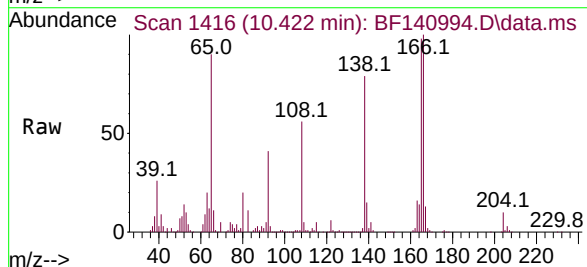
Manual Integrations
APPROVED

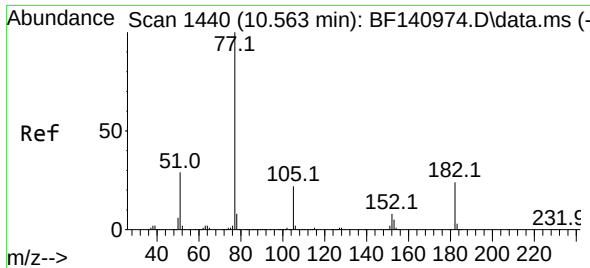
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#62
4-Nitroaniline
Concen: 43.704 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59

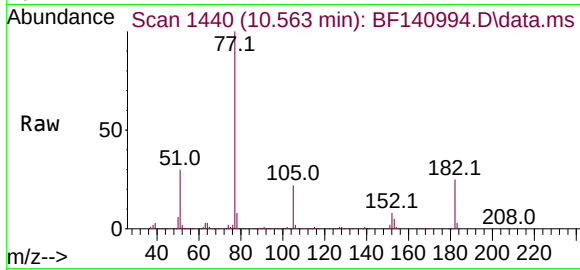
Tgt Ion:138 Resp: 370383
Ion Ratio Lower Upper
138 100
92 52.1 34.8 74.8
108 70.9 55.9 95.9





#63
Azobenzene
Concen: 38.398 ng
RT: 10.563 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59

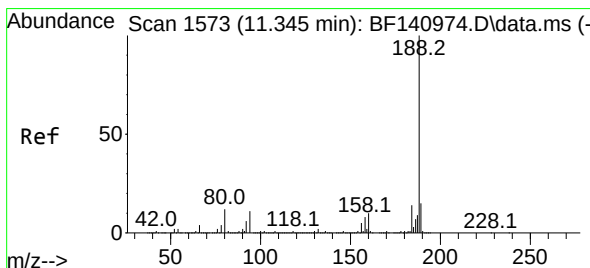
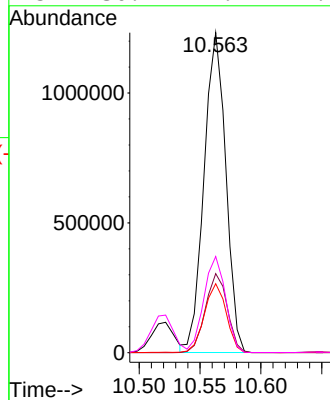
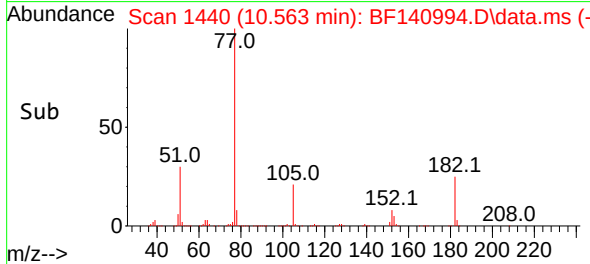
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 153322
Ion Ratio Lower Upper
77 100
182 24.7 4.1 44.1
105 21.5 1.8 41.8
51 30.1 9.7 49.7

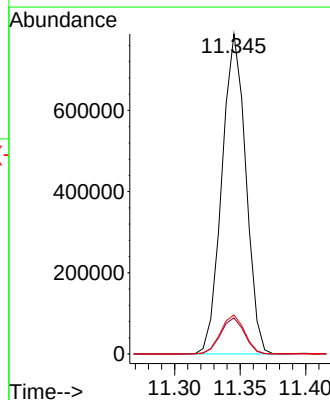
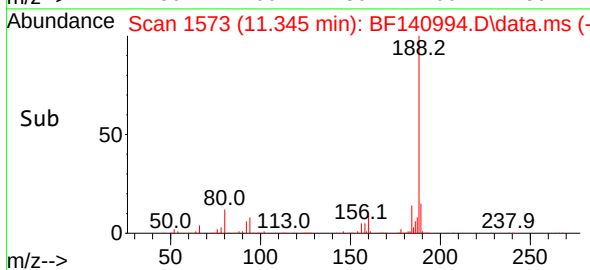
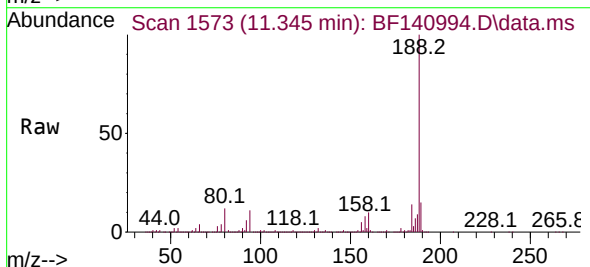
Manual Integrations
APPROVED

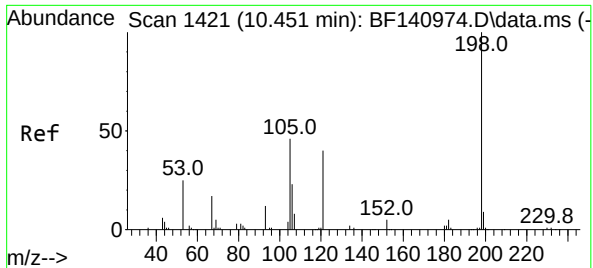
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59

Tgt Ion:188 Resp: 1000383
Ion Ratio Lower Upper
188 100
94 11.3 9.0 13.6
80 12.2 9.8 14.6





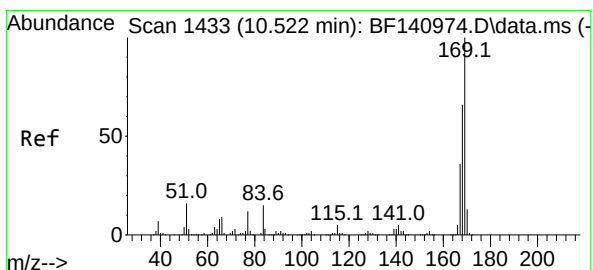
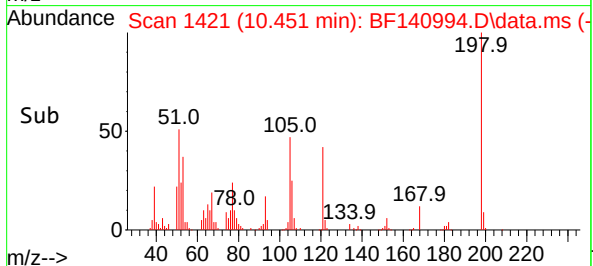
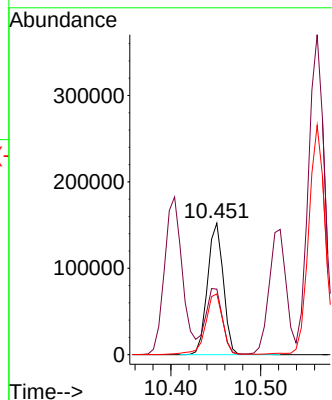
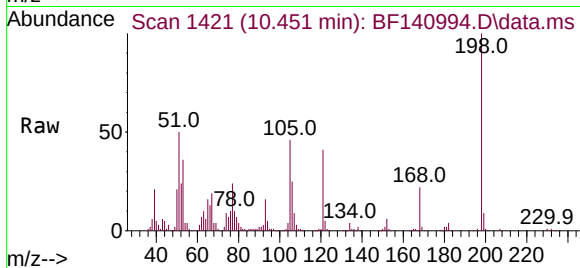
#65
4,6-Dinitro-2-methylphenol
Concen: 46.917 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 186091
Ion Ratio Lower Upper
198 100
51 49.9 32.3 72.3
105 46.2 28.4 68.4

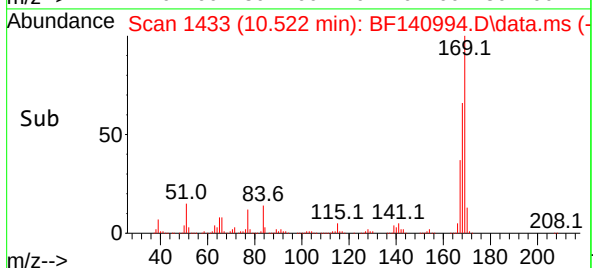
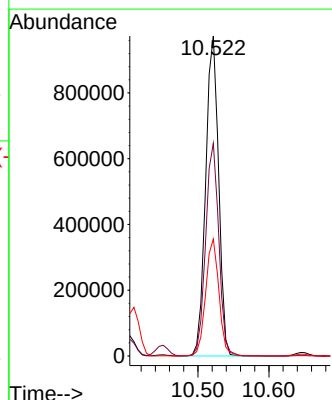
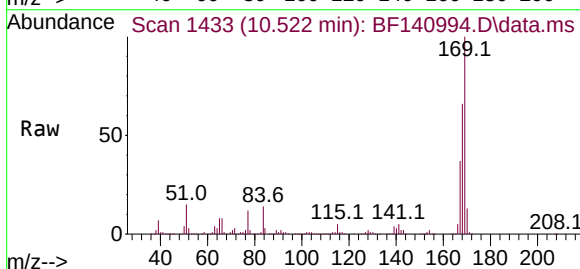
Manual Integrations
APPROVED

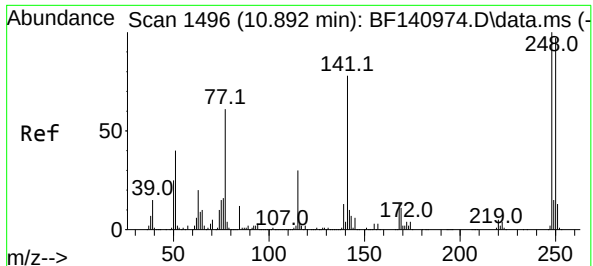
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#66
n-Nitrosodiphenylamine
Concen: 39.161 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59

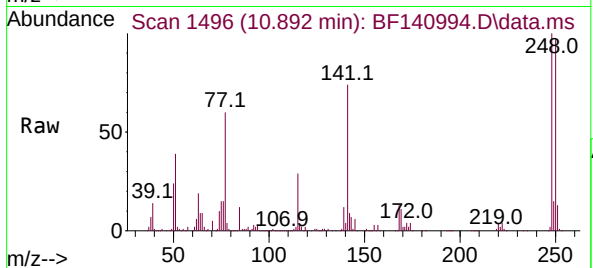
Tgt Ion:169 Resp: 1233641
Ion Ratio Lower Upper
169 100
168 66.4 52.6 79.0
167 36.6 29.0 43.4





#67
4-Bromophenyl-phenylether
Concen: 40.629 ng
RT: 10.892 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59

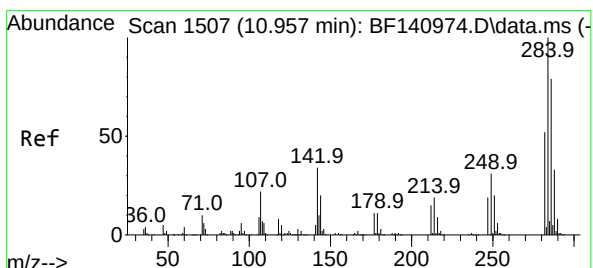
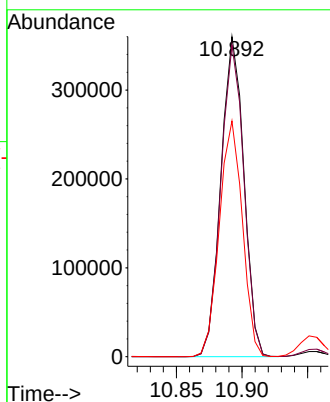
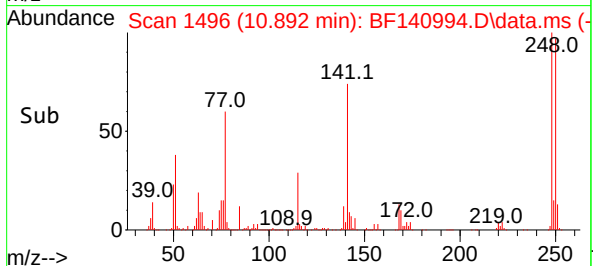
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



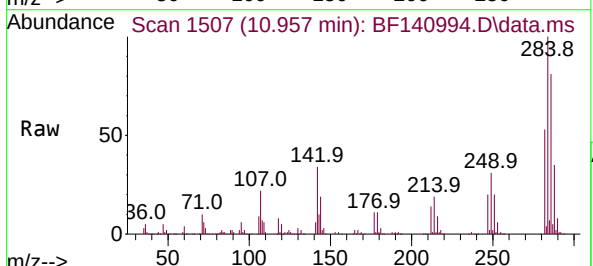
Tgt Ion:248 Resp: 439374
Ion Ratio Lower Upper
248 100
250 97.4 77.7 116.5
141 73.7 62.1 93.1

Manual Integrations
APPROVED

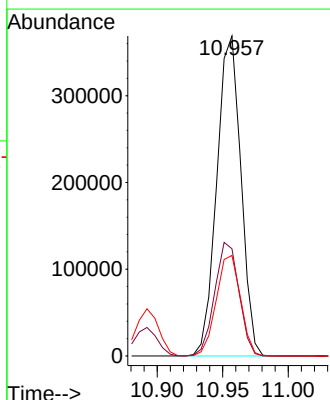
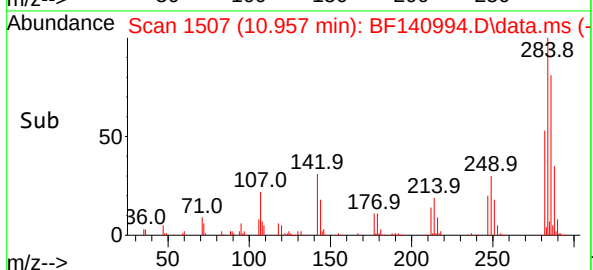
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

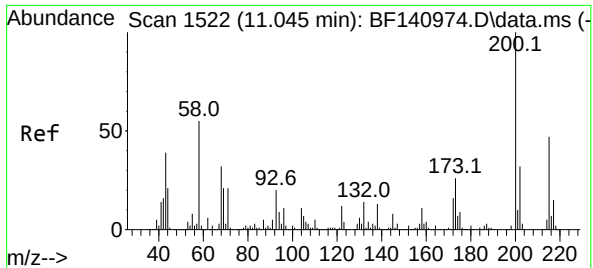


#68
Hexachlorobenzene
Concen: 39.462 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59



Tgt Ion:284 Resp: 470563
Ion Ratio Lower Upper
284 100
142 33.5 27.1 40.7
249 31.4 25.1 37.7





#69

Atrazine

Concen: 35.956 ng

RT: 11.045 min Scan# 1522

Delta R.T. 0.000 min

Lab File: BF140994.D

Acq: 27 Dec 2024 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 31643

Ion Ratio Lower Upper

200 100

173 26.1 6.4 46.4

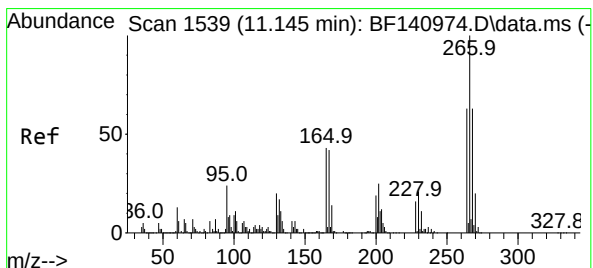
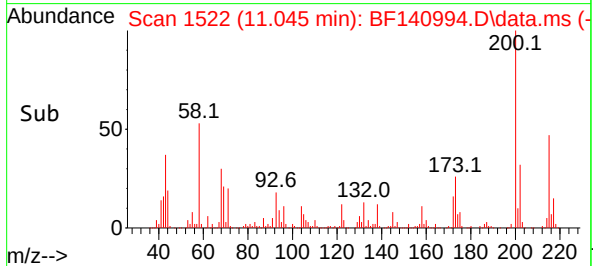
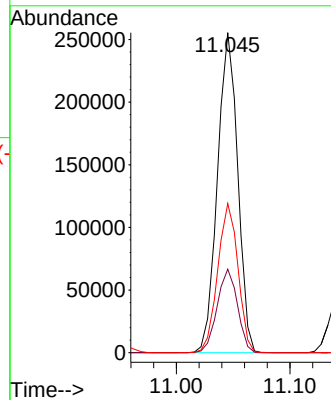
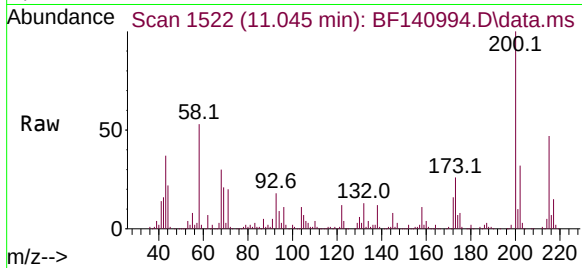
215 46.6 27.2 67.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#70

Pentachlorophenol

Concen: 43.264 ng

RT: 11.145 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF140994.D

Acq: 27 Dec 2024 13:59

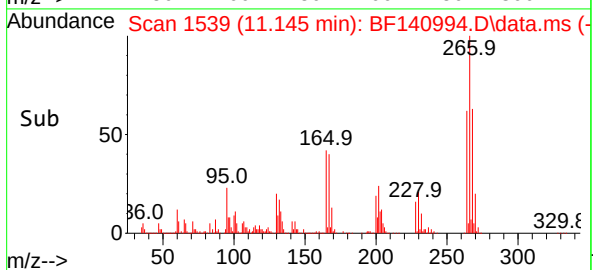
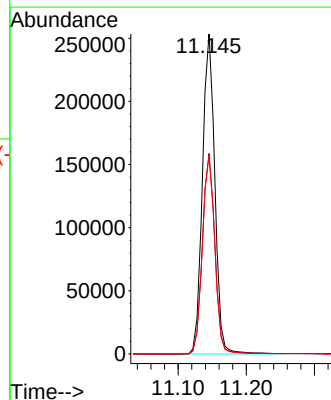
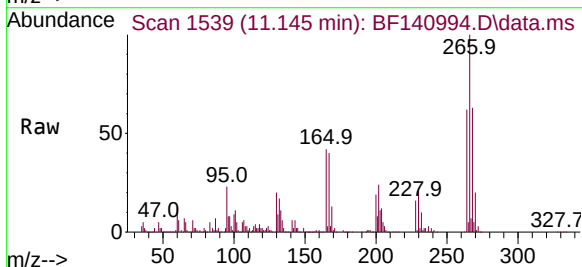
Tgt Ion:266 Resp: 321201

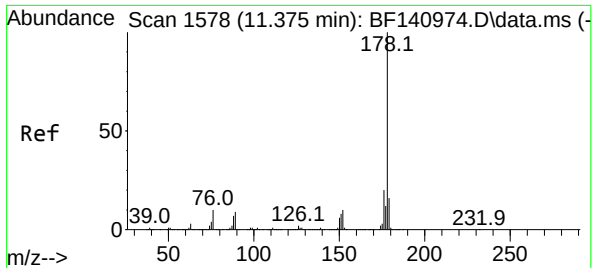
Ion Ratio Lower Upper

266 100

268 62.6 50.5 75.7

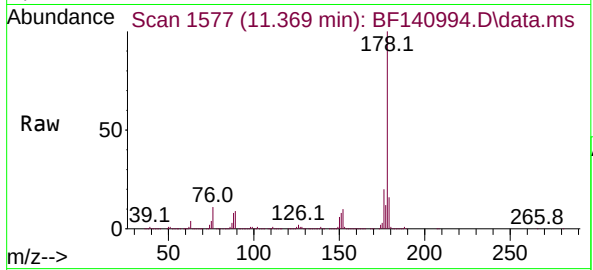
264 62.1 50.2 75.4





#71
Phenanthrene
Concen: 39.276 ng
RT: 11.369 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59

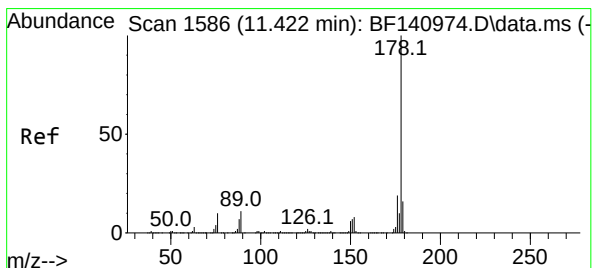
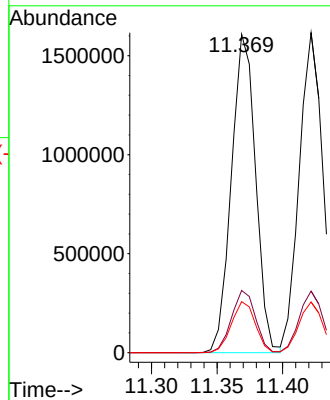
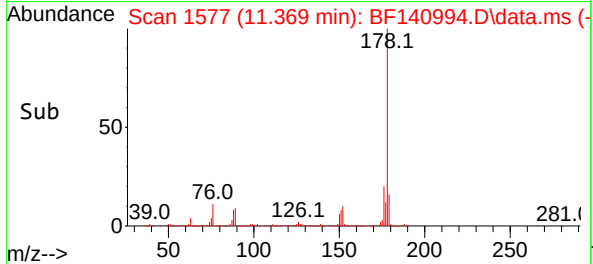
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:178 Resp: 2067900
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 16.0 12.6 19.0

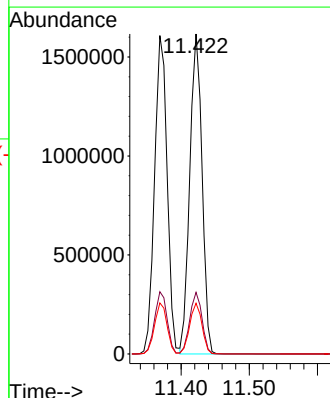
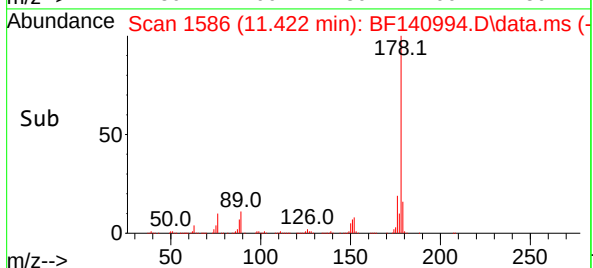
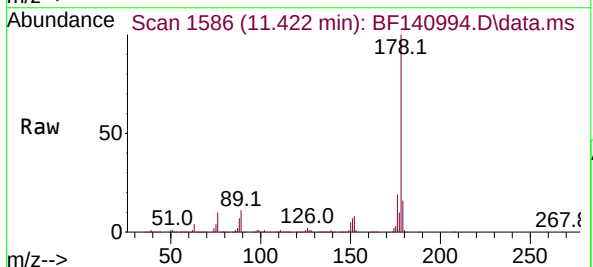
Manual Integrations
APPROVED

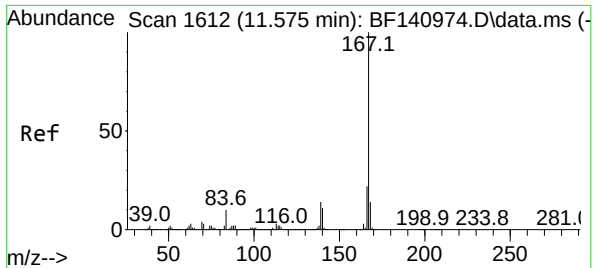
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#72
Anthracene
Concen: 38.909 ng
RT: 11.422 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59

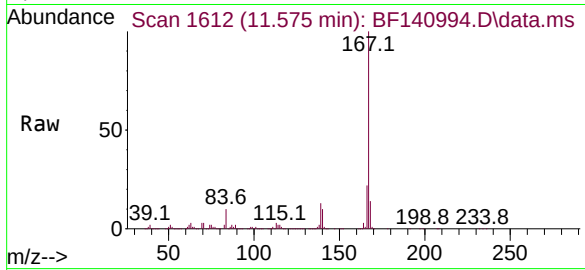
Tgt Ion:178 Resp: 2007394
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.8 12.9 19.3





#73
 Carbazole
 Concen: 38.935 ng
 RT: 11.575 min Scan# 1612
 Delta R.T. 0.000 min
 Lab File: BF140994.D
 Acq: 27 Dec 2024 13:59

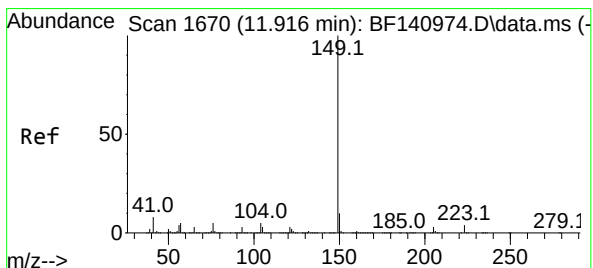
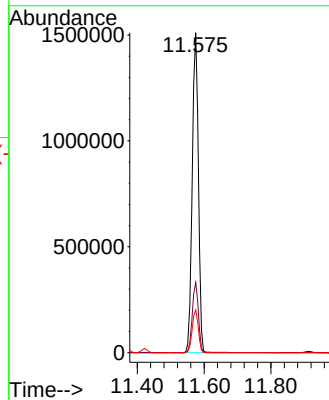
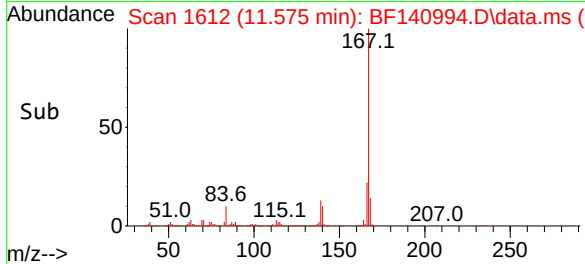
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



Tgt Ion:167 Resp: 193100
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.5 26.3
 139 13.3 11.0 16.4

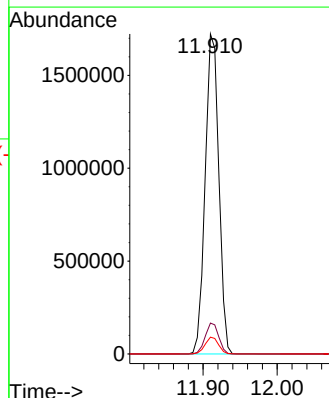
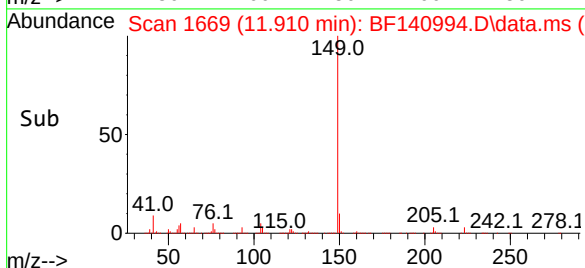
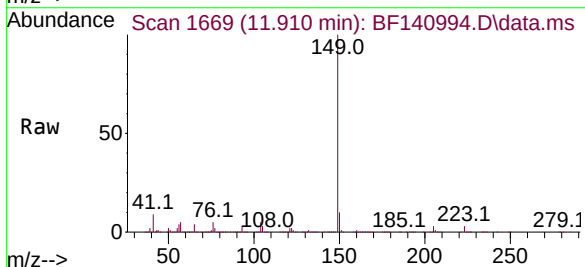
Manual Integrations
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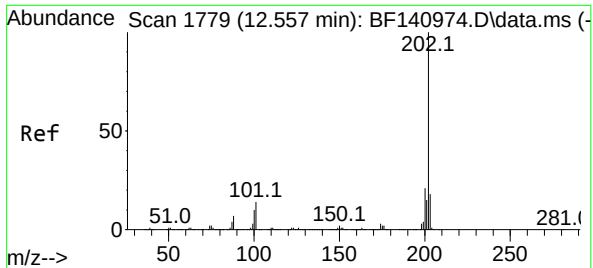
Reviewed By :Yogesh Patel 12/30/2024
 Supervised By :mohammad ahmed 12/30/2024



#74
 Di-n-butylphthalate
 Concen: 39.149 ng
 RT: 11.910 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF140994.D
 Acq: 27 Dec 2024 13:59

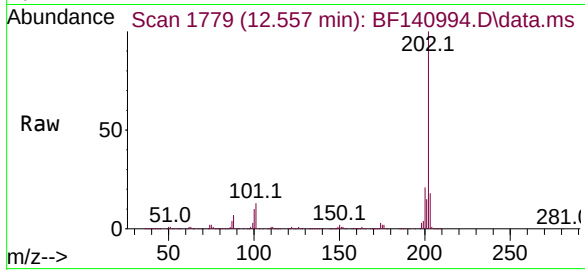
Tgt Ion:149 Resp: 2208413
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 5.2 4.1 6.1





#75
Fluoranthene
Concen: 37.866 ng
RT: 12.557 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59

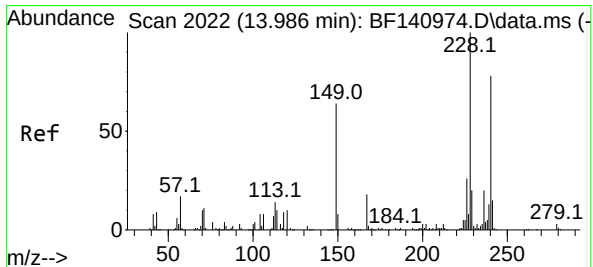
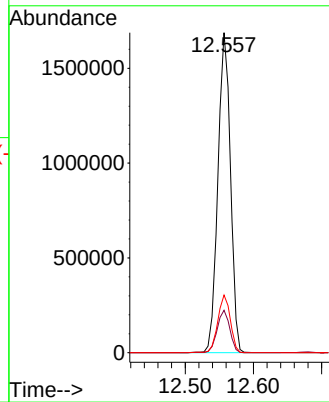
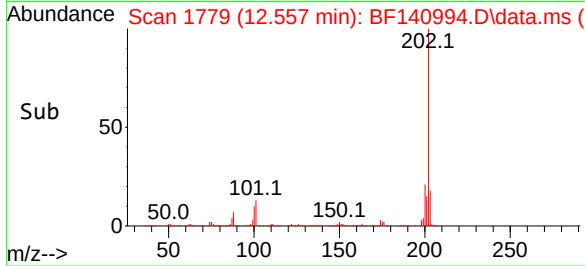
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 2162264
Ion Ratio Lower Upper
202 100
101 13.3 0.0 33.7
203 18.0 0.0 38.1

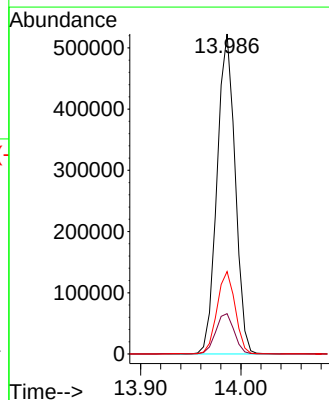
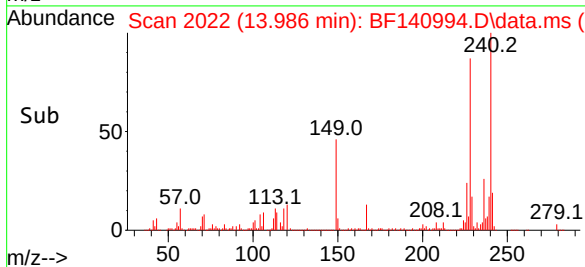
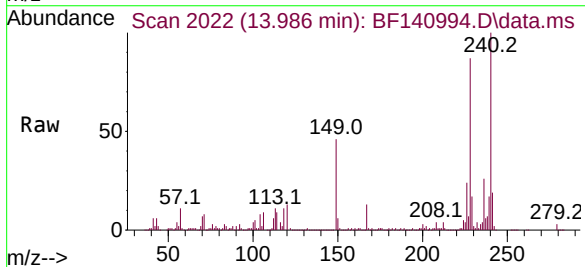
Manual Integrations
APPROVED

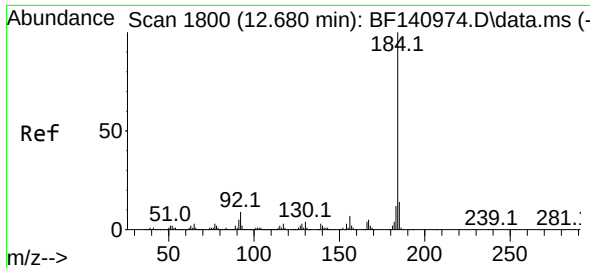
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59

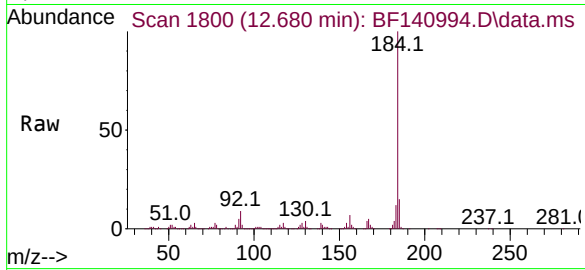
Tgt Ion:240 Resp: 654182
Ion Ratio Lower Upper
240 100
120 12.6 10.7 16.1
236 25.8 20.6 31.0





#77
Benzidine
Concen: 50.365 ng
RT: 12.680 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59

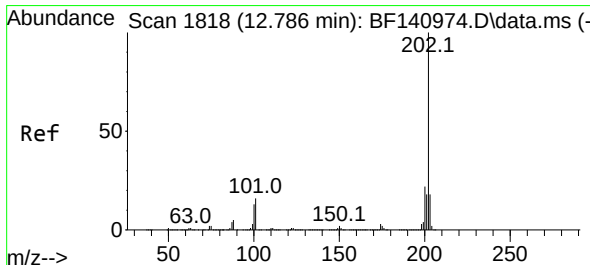
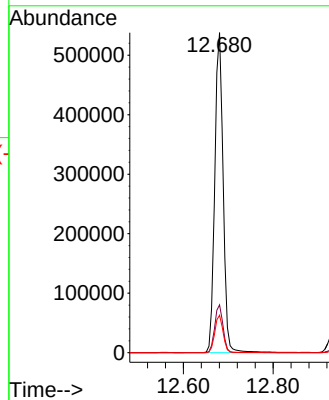
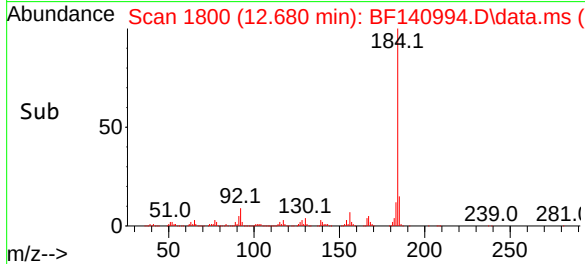
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:184 Resp: 696320
Ion Ratio Lower Upper
184 100
185 14.9 11.4 17.2
183 11.7 9.4 14.0

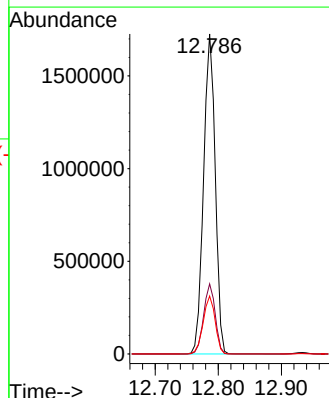
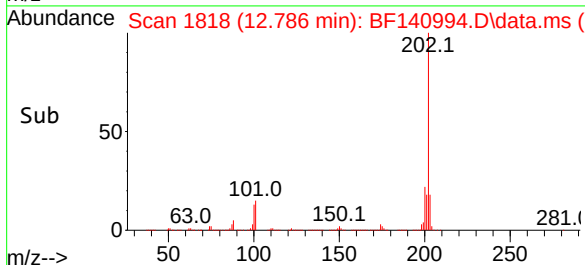
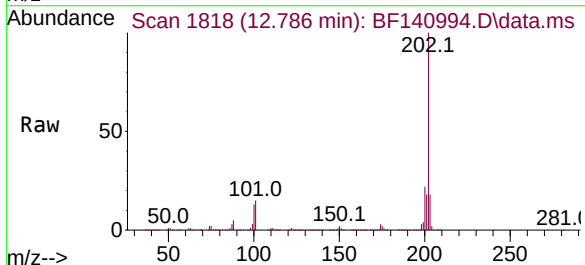
Manual Integrations
APPROVED

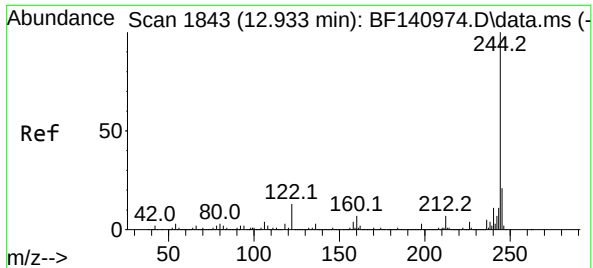
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#78
Pyrene
Concen: 38.653 ng
RT: 12.786 min Scan# 1818
Delta R.T. 0.000 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59

Tgt Ion:202 Resp: 2211440
Ion Ratio Lower Upper
202 100
200 21.9 17.3 25.9
203 18.1 14.6 21.8





#79

Terphenyl-d14

Concen: 77.455 ng

RT: 12.933 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140994.D

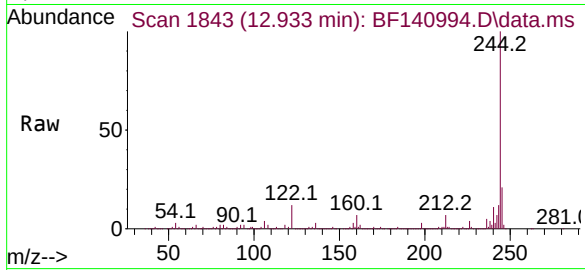
Acq: 27 Dec 2024 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:244 Resp: 305056

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

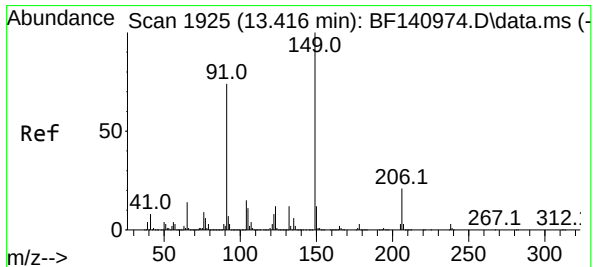
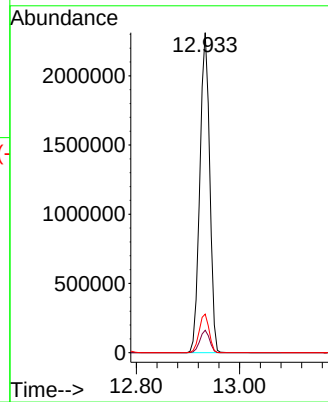
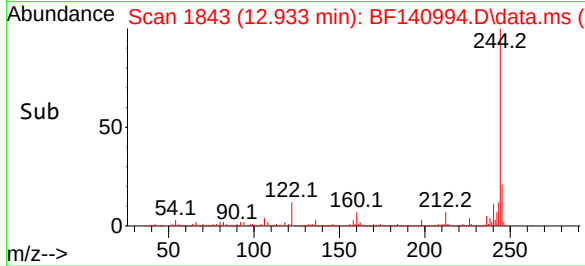
122 12.1 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#80

Butylbenzylphthalate

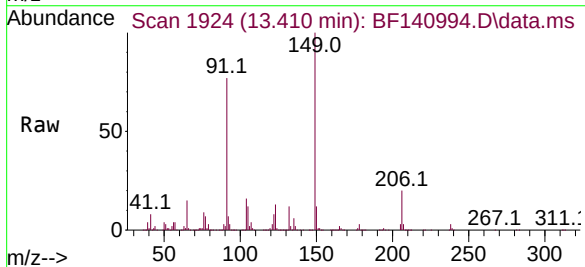
Concen: 40.421 ng

RT: 13.410 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BF140994.D

Acq: 27 Dec 2024 13:59



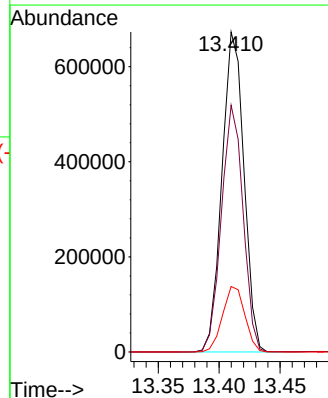
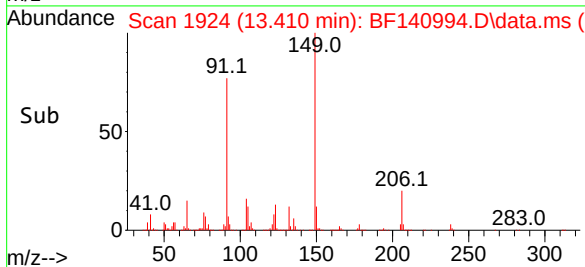
Tgt Ion:149 Resp: 844457

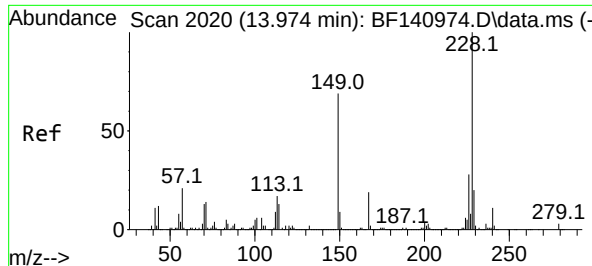
Ion Ratio Lower Upper

149 100

91 77.1 59.5 89.3

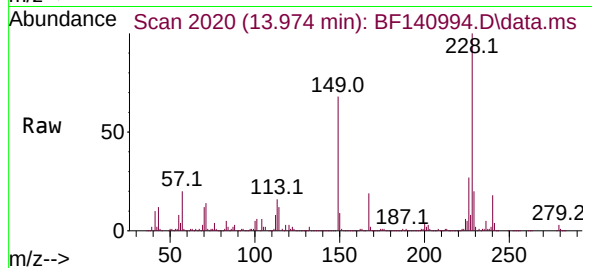
206 20.5 17.1 25.7





#81
Benzo(a)anthracene
Concen: 37.774 ng
RT: 13.974 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59

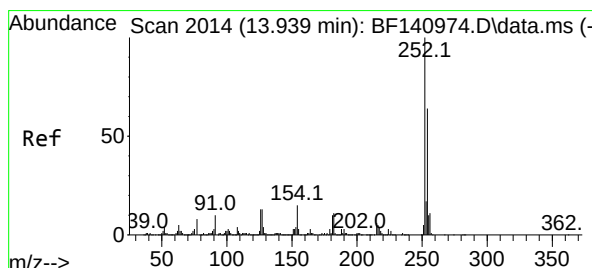
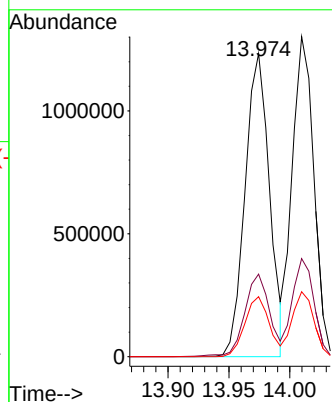
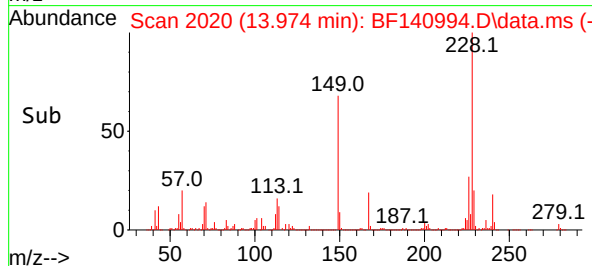
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



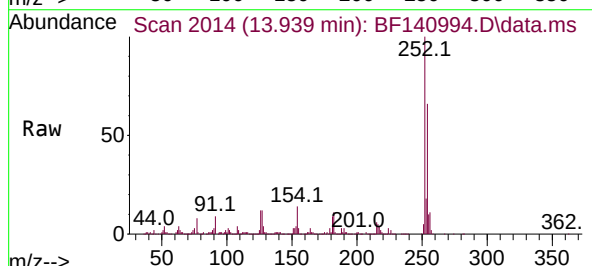
Tgt Ion:228 Resp: 1722198
Ion Ratio Lower Upper
228 100
226 27.2 22.1 33.1
229 19.8 16.2 24.2

Manual Integrations
APPROVED

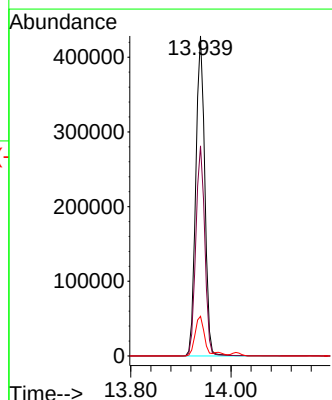
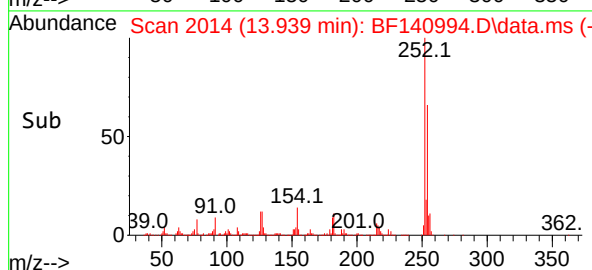
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

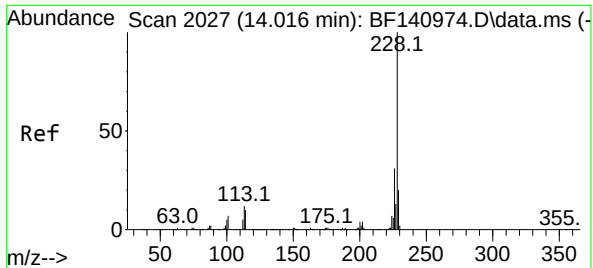


#82
3,3'-Dichlorobenzidine
Concen: 38.791 ng
RT: 13.939 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59



Tgt Ion:252 Resp: 531369
Ion Ratio Lower Upper
252 100
254 65.6 51.5 77.3
126 12.4 10.3 15.5





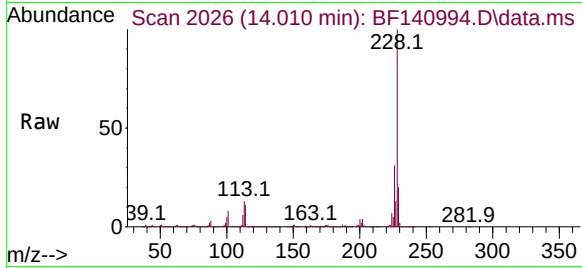
#83
Chrysene
Concen: 39.340 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

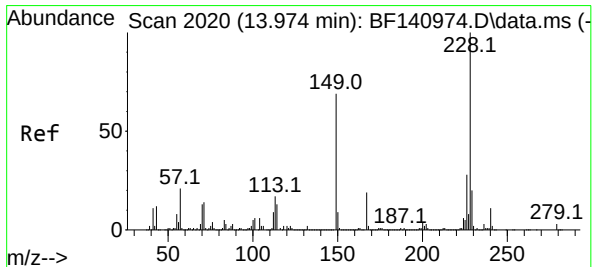
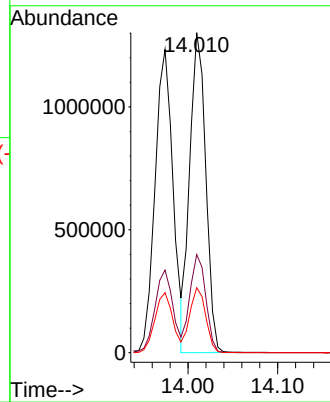
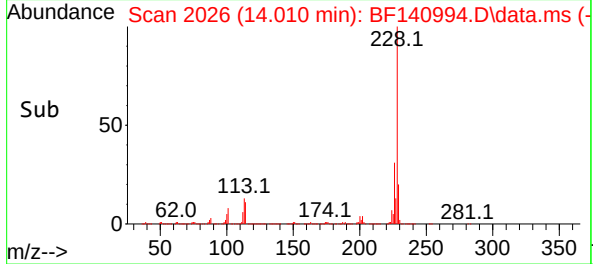


Tgt Ion:228 Resp: 161688
Ion Ratio Lower Upper
228 100
226 30.7 24.5 36.7
229 20.3 16.2 24.4

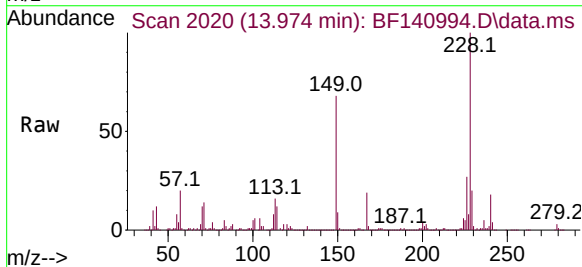
Manual Integrations

APPROVED

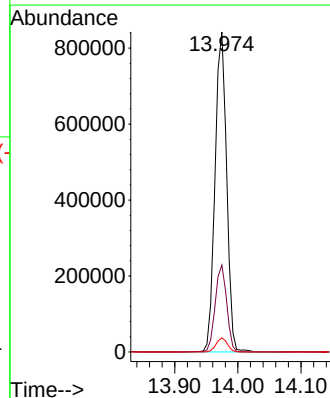
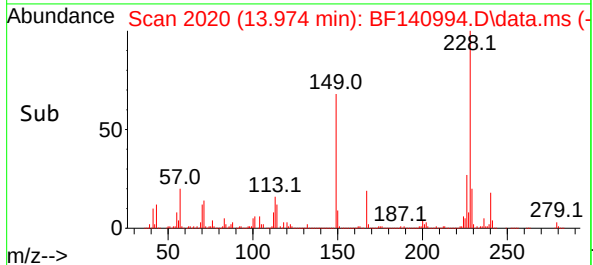
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

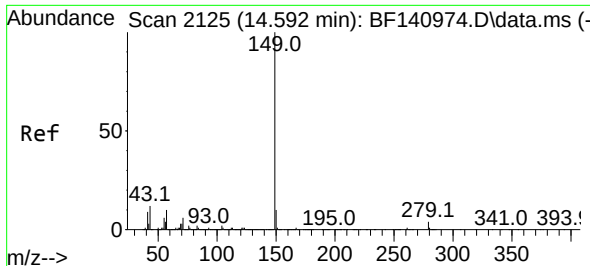


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.580 ng
RT: 13.974 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59



Tgt Ion:149 Resp: 1072600
Ion Ratio Lower Upper
149 100
167 27.1 21.6 32.4
279 4.4 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 40.727 ng

RT: 14.586 min Scan# 2125

Delta R.T. -0.006 min

Lab File: BF140994.D

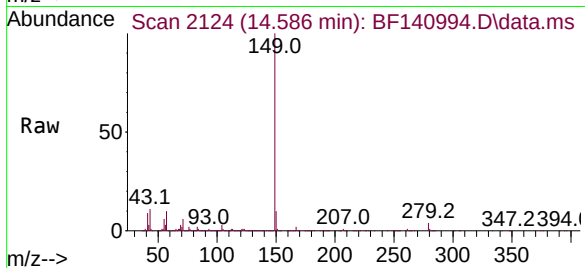
Acq: 27 Dec 2024 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:149 Resp: 159742

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

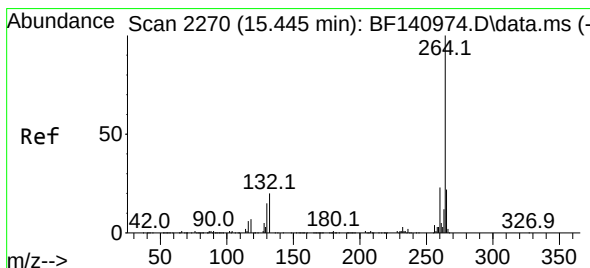
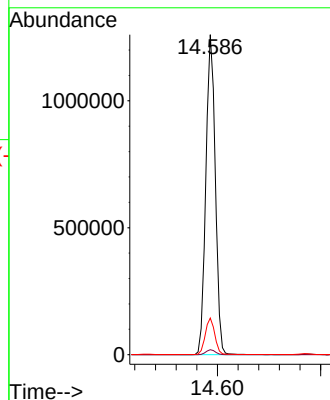
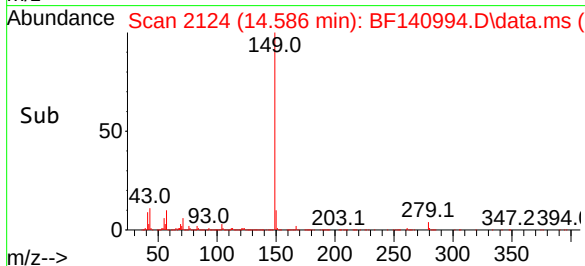
43 11.4 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.433 min Scan# 2268

Delta R.T. -0.012 min

Lab File: BF140994.D

Acq: 27 Dec 2024 13:59

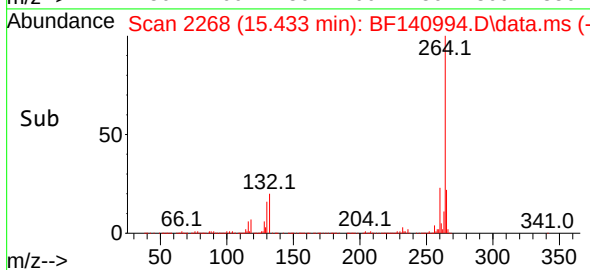
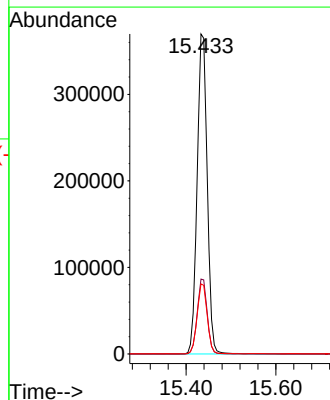
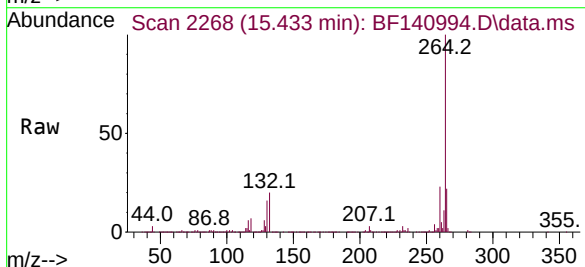
Tgt Ion:264 Resp: 576625

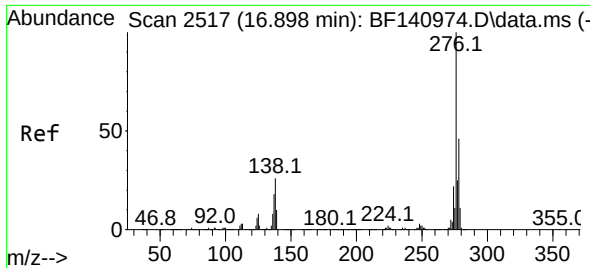
Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

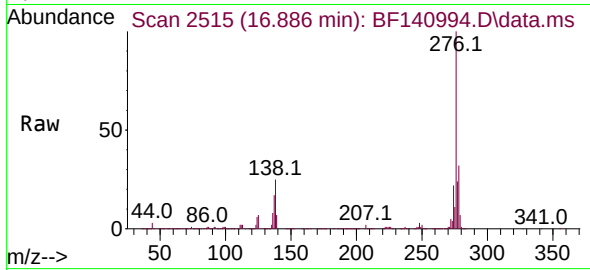
265 21.9 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.992 ng
RT: 16.886 min Scan# 2199
Delta R.T. -0.012 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59

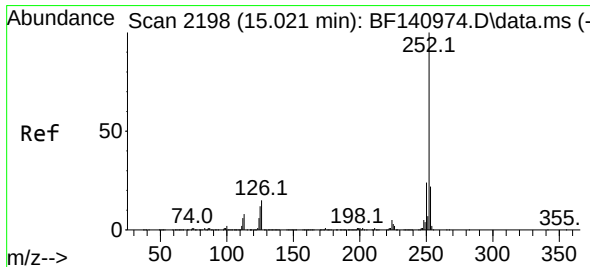
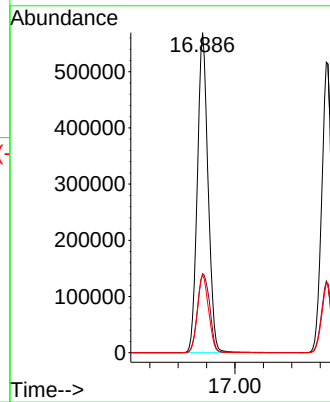
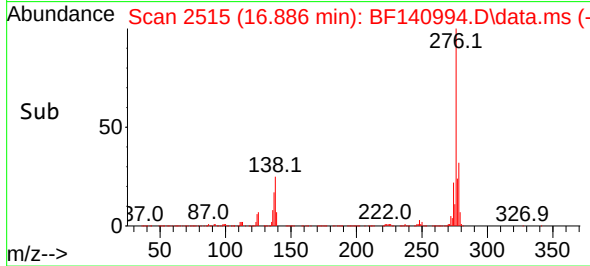
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:276 Resp: 148916
Ion Ratio Lower Upper
276 100
138 28.2 23.1 34.7
277 25.3 20.4 30.6

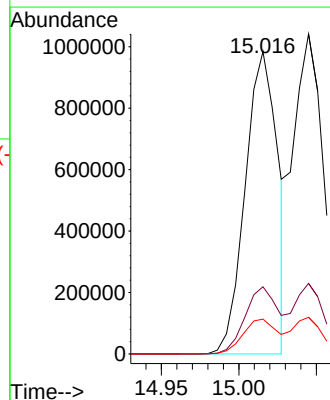
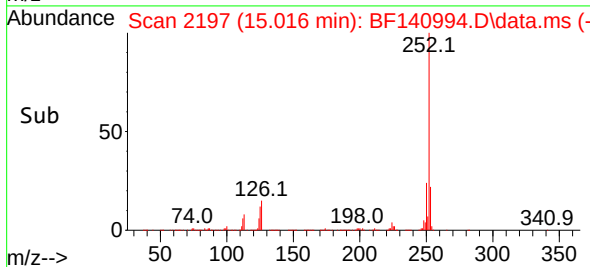
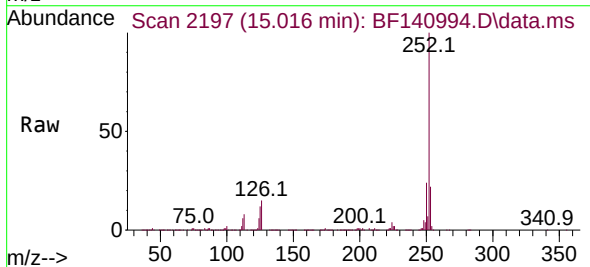
Manual Integrations
APPROVED

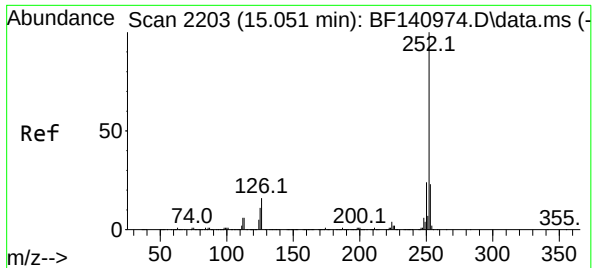
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#88
Benzo(b)fluoranthene
Concen: 35.555 ng
RT: 15.016 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59

Tgt Ion:252 Resp: 1429886
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 11.5 9.3 13.9





#89

Benzo(k)fluoranthene

Concen: 44.855 ng

RT: 15.045 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140994.D

Acq: 27 Dec 2024 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 1413840

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

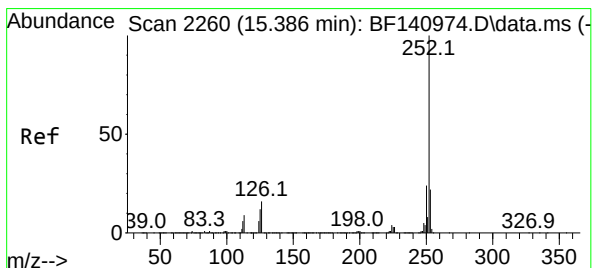
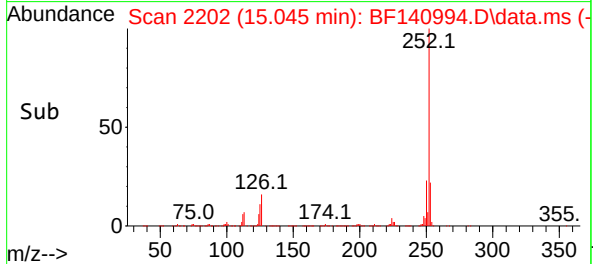
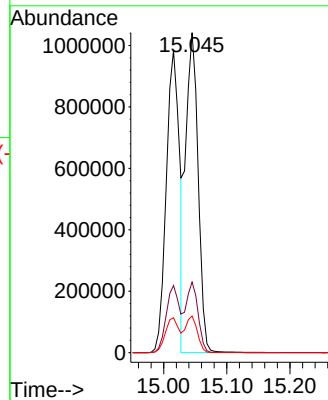
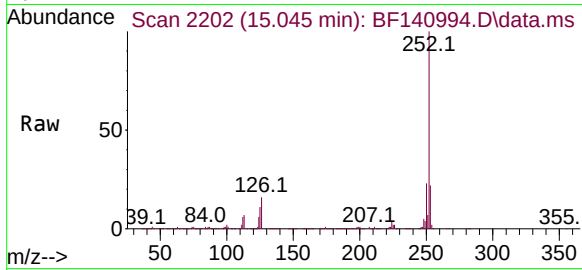
125 11.5 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#90

Benzo(a)pyrene

Concen: 39.424 ng

RT: 15.374 min Scan# 2258

Delta R.T. -0.012 min

Lab File: BF140994.D

Acq: 27 Dec 2024 13:59

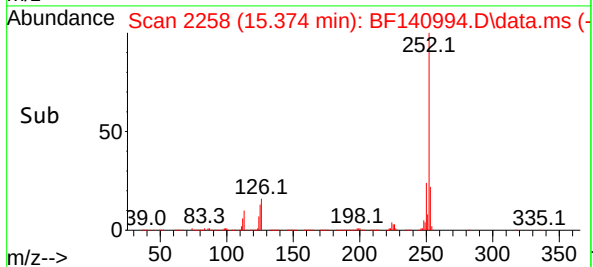
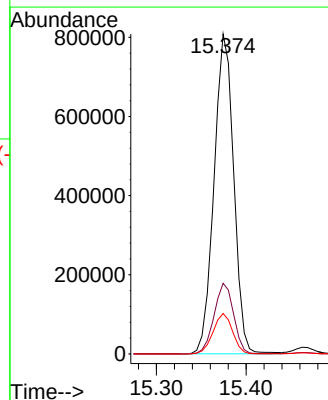
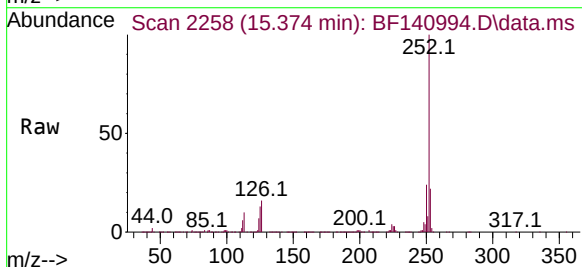
Tgt Ion:252 Resp: 1230603

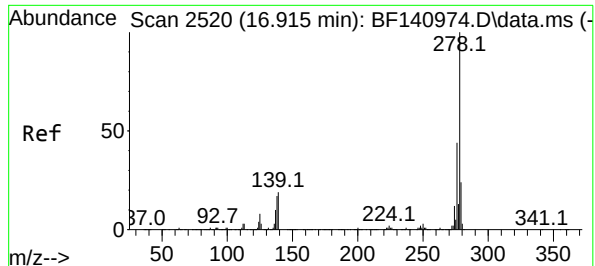
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 12.6 9.8 14.8





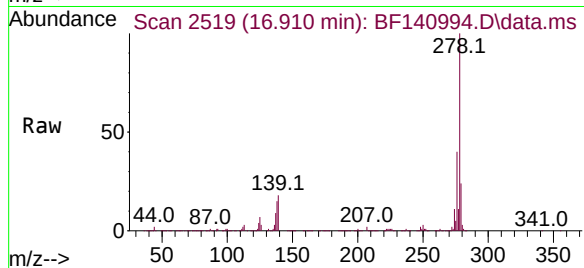
#91
Dibenzo(a,h)anthracene
Concen: 40.991 ng
RT: 16.910 min Scan# 2519
Delta R.T. -0.006 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

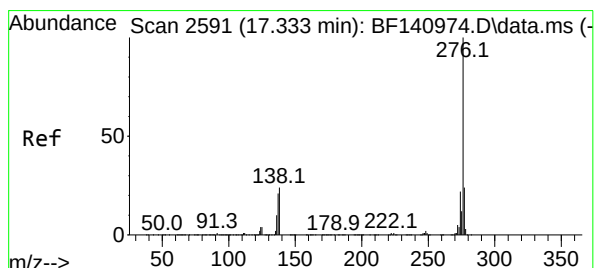
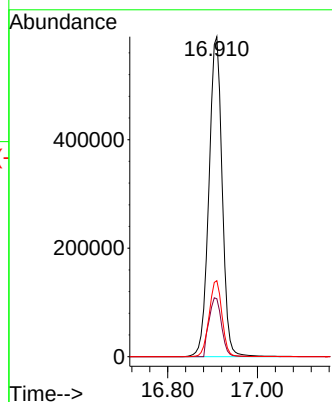
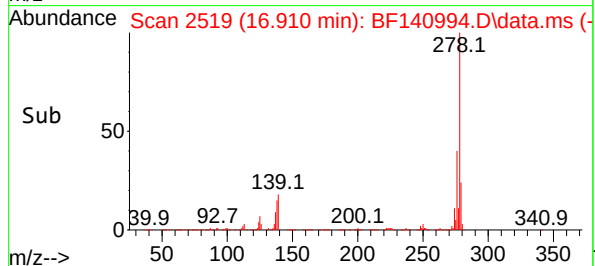


Tgt Ion:278 Resp: 120712
Ion Ratio Lower Upper
278 100
139 18.1 14.9 22.3
279 23.8 19.0 28.6

Manual Integrations

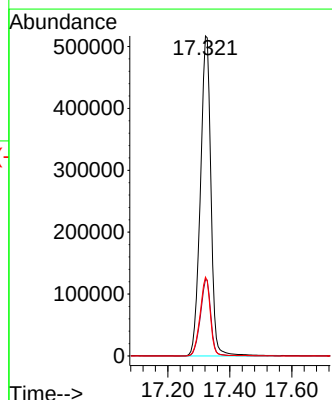
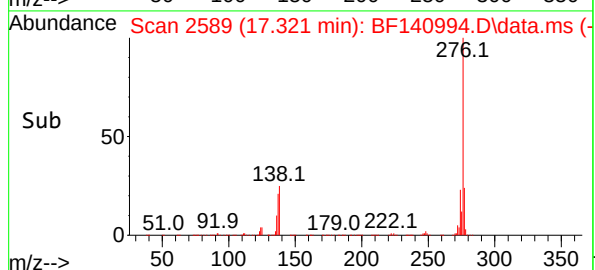
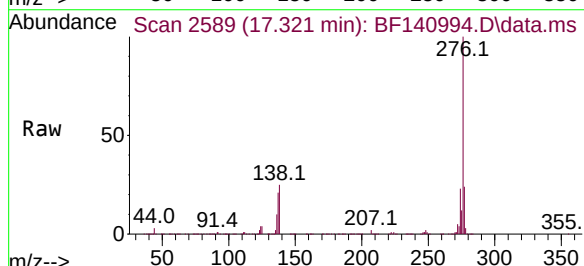
APPROVED

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#92
Benzo(g,h,i)perylene
Concen: 39.931 ng
RT: 17.321 min Scan# 2589
Delta R.T. -0.012 min
Lab File: BF140994.D
Acq: 27 Dec 2024 13:59

Tgt Ion:276 Resp: 1219629
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.4
138 24.7 19.4 29.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
 Data File : BF140994.D
 Acq On : 27 Dec 2024 13:59
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 27 14:47:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 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	109	0.00
2	1,4-Dioxane	0.601	0.590	1.8	108	0.00
3	Pyridine	1.468	1.478	-0.7	112	0.00
4	n-Nitrosodimethylamine	0.744	0.735	1.2	108	0.00
5 S	2-Fluorophenol	1.327	1.268	4.4	107	0.00
6	Aniline	1.524	1.547	-1.5	104	-0.02
7 S	Phenol-d6	1.709	1.624	5.0	106	0.00
8	2-Chlorophenol	1.399	1.354	3.2	107	0.00
9	Benzaldehyde	0.941	0.913	3.0	116	0.00
10 C	Phenol	1.767	1.701	3.7	106	0.00
11	bis(2-Chloroethyl)ether	1.427	1.317	7.7	105	0.00
12	1,3-Dichlorobenzene	1.544	1.504	2.6	108	0.00
13 C	1,4-Dichlorobenzene	1.556	1.505	3.3	108	0.00
14	1,2-Dichlorobenzene	1.451	1.390	4.2	107	0.00
15	Benzyl Alcohol	1.228	1.166	5.0	104	0.00
16	2,2'-oxybis(1-Chloropropane	2.158	2.044	5.3	106	0.00
17	2-Methylphenol	1.162	1.114	4.1	106	0.00
18	Hexachloroethane	0.553	0.541	2.2	109	0.00
19 P	n-Nitroso-di-n-propylamine	1.047	0.967	7.6	105	0.00
20	3+4-Methylphenols	1.471	1.414	3.9	106	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	106	0.00
22	Acetophenone	0.491	0.466	5.1	106	0.00
23 S	Nitrobenzene-d5	0.313	0.359	-14.7	117	0.00
24	Nitrobenzene	0.349	0.391	-12.0	113	0.00
25	Isophorone	0.680	0.647	4.9	105	0.00
26 C	2-Nitrophenol	0.118	0.160	-35.6#	134	0.00
27	2,4-Dimethylphenol	0.249	0.244	2.0	107	0.00
28	bis(2-Chloroethoxy)methane	0.431	0.409	5.1	105	0.00
29 C	2,4-Dichlorophenol	0.282	0.279	1.1	107	0.00
30	1,2,4-Trichlorobenzene	0.319	0.313	1.9	106	0.00
31	Naphthalene	1.054	1.013	3.9	106	0.00
32	Benzoic acid	0.178	0.215	-20.8	129	0.00
33	4-Chloroaniline	0.381	0.362	5.0	105	0.00
34 C	Hexachlorobutadiene	0.188	0.183	2.7	107	0.00
35	Caprolactam	0.096	0.094	2.1	106	0.00
36 C	4-Chloro-3-methylphenol	0.313	0.303	3.2	104	0.00
37	2-Methylnaphthalene	0.674	0.646	4.2	107	0.00
38	1-Methylnaphthalene	0.663	0.625	5.7	105	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	105	0.00
40	1,2,4,5-Tetrachlorobenzene	0.550	0.540	1.8	106	0.00
41 P	Hexachlorocyclopentadiene	0.182	0.186	-2.2	105	0.00
42 S	2,4,6-Tribromophenol	0.194	0.205	-5.7	110	0.00
43 C	2,4,6-Trichlorophenol	0.366	0.367	-0.3	106	0.00
44	2,4,5-Trichlorophenol	0.375	0.386	-2.9	107	0.00
45 S	2-Fluorobiphenyl	1.255	1.178	6.1	106	0.00
46	1,1'-Biphenyl	1.531	1.482	3.2	106	0.00
47	2-Chloronaphthalene	1.188	1.140	4.0	105	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
 Data File : BF140994.D
 Acq On : 27 Dec 2024 13:59
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 27 14:47:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 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	0.259	0.349	-34.7#	128	0.00
49	Acenaphthylene	1.710	1.661	2.9	106	0.00
50	Dimethylphthalate	1.316	1.281	2.7	105	0.00
51	2,6-Dinitrotoluene	0.231	0.296	-28.1#	122	0.00
52 C	Acenaphthene	1.156	1.122	2.9	106	0.00
53	3-Nitroaniline	0.255	0.320	-25.5#	120	0.00
54 P	2,4-Dinitrophenol	0.075	0.099	-32.0#	146	0.00
55	Dibenzofuran	1.624	1.563	3.8	105	0.00
56 P	4-Nitrophenol	0.225	0.246	-9.3	113	0.00
57	2,4-Dinitrotoluene	0.273	0.378	-38.5#	129	0.00
58	Fluorene	1.260	1.191	5.5	105	0.00
59	2,3,4,6-Tetrachlorophenol	0.310	0.315	-1.6	106	0.00
60	Diethylphthalate	1.299	1.261	2.9	105	0.00
61	4-Chlorophenyl-phenylether	0.606	0.572	5.6	104	0.00
62	4-Nitroaniline	0.255	0.316	-23.9	120	0.00
63	Azobenzene	1.363	1.309	4.0	105	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	102	0.00
65	4,6-Dinitro-2-methylphenol	0.067	0.093	-38.8#	143	0.00
66 c	n-Nitrosodiphenylamine	0.630	0.617	2.1	104	0.00
67	4-Bromophenyl-phenylether	0.216	0.220	-1.9	105	0.00
68	Hexachlorobenzene	0.238	0.235	1.3	104	0.00
69	Atrazine	0.176	0.158	10.2	103	0.00
70 C	Pentachlorophenol	0.148	0.161	-8.8	106	0.00
71	Phenanthrene	1.053	1.034	1.8	105	0.00
72	Anthracene	1.031	1.003	2.7	103	0.00
73	Carbazole	0.992	0.965	2.7	104	0.00
74	Di-n-butylphthalate	1.128	1.104	2.1	104	0.00
75 C	Fluoranthene	1.142	1.081	5.3	101	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	100	0.00
77	Benzydine	0.423	0.532	-25.8#	129	0.00
78	Pyrene	1.749	1.690	3.4	100	0.00
79 S	Terphenyl-d14	1.204	1.166	3.2	102	0.00
80	Butylbenzylphthalate	0.639	0.645	-0.9	99	0.00
81	Benzo(a)anthracene	1.394	1.316	5.6	96	0.00
82	3,3'-Dichlorobenzidine	0.419	0.406	3.1	101	0.00
83	Chrysene	1.257	1.236	1.7	103	0.00
84	Bis(2-ethylhexyl)phthalate	0.828	0.820	1.0	100	0.00
85 c	Di-n-octyl phthalate	1.199	1.221	-1.8	102	0.00
86 I	Perylene-d12	1.000	1.000	0.0	108	-0.01
87	Indeno(1,2,3-cd)pyrene	1.260	1.291	-2.5	107	-0.01
88	Benzo(b)fluoranthene	1.395	1.240	11.1	95	0.00
89	Benzo(k)fluoranthene	1.093	1.226	-12.2	125	0.00
90 C	Benzo(a)pyrene	1.083	1.067	1.5	108	-0.01
91	Dibenzo(a,h)anthracene	1.021	1.047	-2.5	106	0.00
92	Benzo(g,h,i)perylene	1.059	1.058	0.1	102	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
Data File : BF140994.D
Acq On : 27 Dec 2024 13:59
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 27 14:47:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:31:16 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)
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(#) = Out of Range SPCC's out = 0 CCC's out = 1

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
 Data File : BF140994.D
 Acq On : 27 Dec 2024 13:59
 Operator : RC/JU
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 LabSampleId :
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Quant Time: Dec 27 14:47:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 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	109	0.00
2	1,4-Dioxane	40.000	39.280	1.8	108	0.00
3	Pyridine	40.000	40.285	-0.7	112	0.00
4	n-Nitrosodimethylamine	40.000	39.553	1.1	108	0.00
5 S	2-Fluorophenol	80.000	76.459	4.4	107	0.00
6	Aniline	40.000	40.582	-1.5	104	-0.02
7 S	Phenol-d6	80.000	76.023	5.0	106	0.00
8	2-Chlorophenol	40.000	38.720	3.2	107	0.00
9	Benzaldehyde	40.000	44.682	-11.7	116	0.00
10 C	Phenol	40.000	38.488	3.8	106	0.00
11	bis(2-Chloroethyl)ether	40.000	36.923	7.7	105	0.00
12	1,3-Dichlorobenzene	40.000	38.974	2.6	108	0.00
13 C	1,4-Dichlorobenzene	40.000	38.694	3.3	108	0.00
14	1,2-Dichlorobenzene	40.000	38.312	4.2	107	0.00
15	Benzyl Alcohol	40.000	37.984	5.0	104	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	37.887	5.3	106	0.00
17	2-Methylphenol	40.000	38.327	4.2	106	0.00
18	Hexachloroethane	40.000	39.154	2.1	109	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	36.927	7.7	105	0.00
20	3+4-Methylphenols	40.000	38.461	3.8	106	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	106	0.00
22	Acetophenone	40.000	38.002	5.0	106	0.00
23 S	Nitrobenzene-d5	80.000	91.990	-15.0	117	0.00
24	Nitrobenzene	40.000	44.733	-11.8	113	0.00
25	Isophorone	40.000	38.034	4.9	105	0.00
26 C	2-Nitrophenol	40.000	45.034	-12.6	134	0.00
27	2,4-Dimethylphenol	40.000	39.199	2.0	107	0.00
28	bis(2-Chloroethoxy)methane	40.000	37.937	5.2	105	0.00
29 C	2,4-Dichlorophenol	40.000	39.596	1.0	107	0.00
30	1,2,4-Trichlorobenzene	40.000	39.171	2.1	106	0.00
31	Naphthalene	40.000	38.456	3.9	106	0.00
32	Benzoic acid	40.000	43.059	-7.6	129	0.00
33	4-Chloroaniline	40.000	37.952	5.1	105	0.00
34 C	Hexachlorobutadiene	40.000	38.912	2.7	107	0.00
35	Caprolactam	40.000	39.233	1.9	106	0.00
36 C	4-Chloro-3-methylphenol	40.000	38.663	3.3	104	0.00
37	2-Methylnaphthalene	40.000	38.321	4.2	107	0.00
38	1-Methylnaphthalene	40.000	37.754	5.6	105	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	105	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	39.245	1.9	106	0.00
41 P	Hexachlorocyclopentadiene	40.000	40.751	-1.9	105	0.00
42 S	2,4,6-Tribromophenol	80.000	84.432	-5.5	110	0.00
43 C	2,4,6-Trichlorophenol	40.000	40.100	-0.3	106	0.00
44	2,4,5-Trichlorophenol	40.000	41.204	-3.0	107	0.00
45 S	2-Fluorobiphenyl	80.000	75.089	6.1	106	0.00
46	1,1'-Biphenyl	40.000	38.706	3.2	106	0.00
47	2-Chloronaphthalene	40.000	38.378	4.1	105	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
 Data File : BF140994.D
 Acq On : 27 Dec 2024 13:59
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 27 14:47:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 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	45.257	-13.1	128	0.00
49	Acenaphthylene	40.000	38.857	2.9	106	0.00
50	Dimethylphthalate	40.000	38.961	2.6	105	0.00
51	2,6-Dinitrotoluene	40.000	44.477	-11.2	122	0.00
52 C	Acenaphthene	40.000	38.833	2.9	106	0.00
53	3-Nitroaniline	40.000	44.203	-10.5	120	0.00
54 P	2,4-Dinitrophenol	40.000	47.390	-18.5	146	0.00
55	Dibenzofuran	40.000	38.499	3.8	105	0.00
56 P	4-Nitrophenol	40.000	43.761	-9.4	113	0.00
57	2,4-Dinitrotoluene	40.000	46.211	-15.5	129	0.00
58	Fluorene	40.000	37.810	5.5	105	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	40.652	-1.6	106	0.00
60	Diethylphthalate	40.000	38.843	2.9	105	0.00
61	4-Chlorophenyl-phenylether	40.000	37.721	5.7	104	0.00
62	4-Nitroaniline	40.000	43.704	-9.3	120	0.00
63	Azobenzene	40.000	38.398	4.0	105	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	102	0.00
65	4,6-Dinitro-2-methylphenol	40.000	46.917	-17.3	143	0.00
66 c	n-Nitrosodiphenylamine	40.000	39.161	2.1	104	0.00
67	4-Bromophenyl-phenylether	40.000	40.629	-1.6	105	0.00
68	Hexachlorobenzene	40.000	39.462	1.3	104	0.00
69	Atrazine	40.000	35.956	10.1	103	0.00
70 C	Pentachlorophenol	40.000	43.264	-8.2	106	0.00
71	Phenanthrene	40.000	39.276	1.8	105	0.00
72	Anthracene	40.000	38.909	2.7	103	0.00
73	Carbazole	40.000	38.935	2.7	104	0.00
74	Di-n-butylphthalate	40.000	39.149	2.1	104	0.00
75 C	Fluoranthene	40.000	37.866	5.3	101	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	100	0.00
77	Benzydine	40.000	50.365	-25.9#	129	0.00
78	Pyrene	40.000	38.653	3.4	100	0.00
79 S	Terphenyl-d14	80.000	77.455	3.2	102	0.00
80	Butylbenzylphthalate	40.000	40.421	-1.1	99	0.00
81	Benzo(a)anthracene	40.000	37.774	5.6	96	0.00
82	3,3'-Dichlorobenzidine	40.000	38.791	3.0	101	0.00
83	Chrysene	40.000	39.340	1.6	103	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	39.580	1.1	100	0.00
85 c	Di-n-octyl phthalate	40.000	40.727	-1.8	102	0.00
86 I	Perylene-d12	20.000	20.000	0.0	108	-0.01
87	Indeno(1,2,3-cd)pyrene	40.000	40.992	-2.5	107	-0.01
88	Benzo(b)fluoranthene	40.000	35.555	11.1	95	0.00
89	Benzo(k)fluoranthene	40.000	44.855	-12.1	125	0.00
90 C	Benzo(a)pyrene	40.000	39.424	1.4	108	-0.01
91	Dibenzo(a,h)anthracene	40.000	40.991	-2.5	106	0.00
92	Benzo(g,h,i)perylene	40.000	39.931	0.2	102	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
Data File : BF140994.D
Acq On : 27 Dec 2024 13:59
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 27 14:47:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:31:16 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)
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(#) = Out of Range SPCC's out = 0 CCC's out = 0



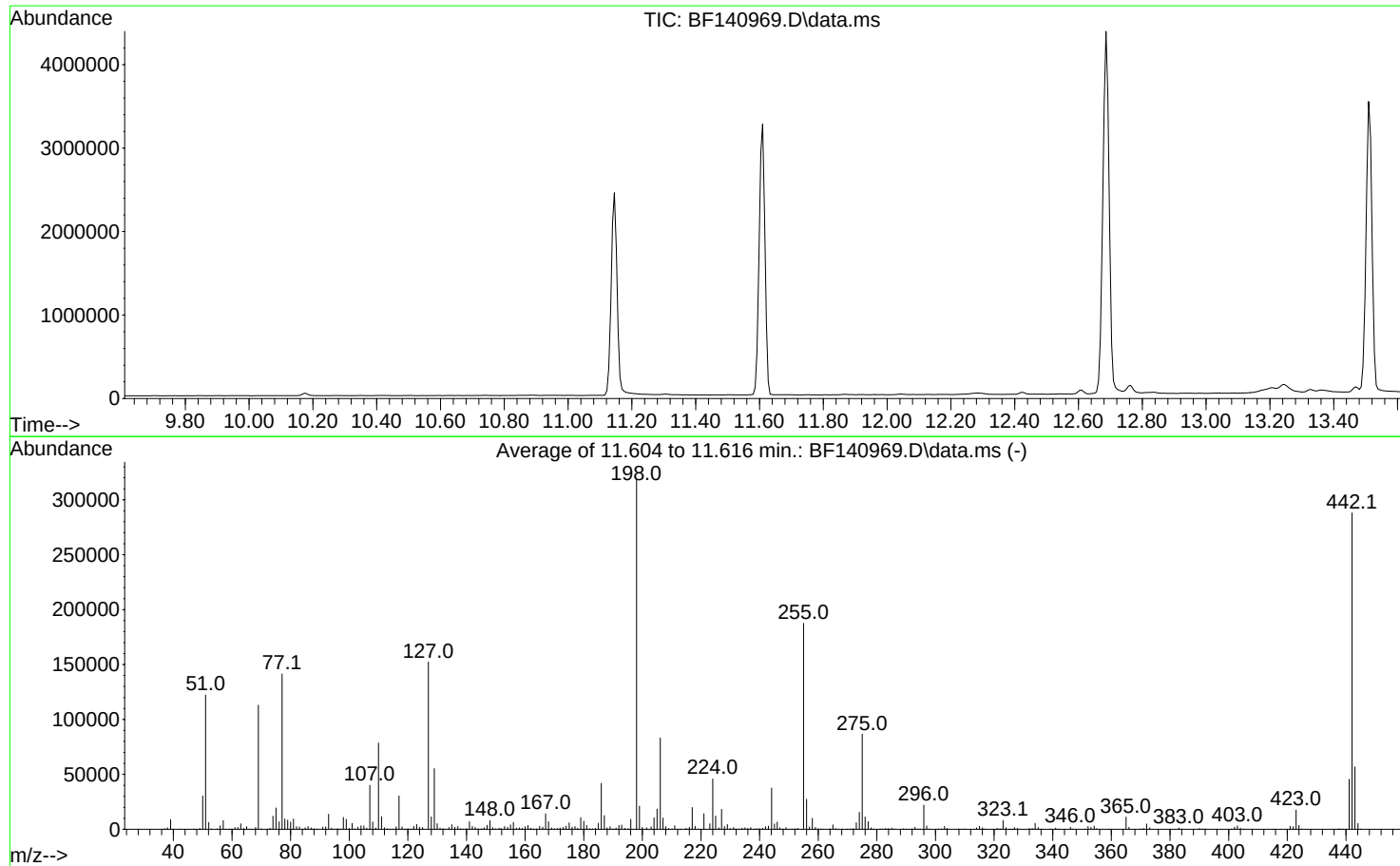
QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122624\
Data File : BF140969.D
Acq On : 26 Dec 2024 15:57
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-BF122624.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Dec 27 00:31:16 2024



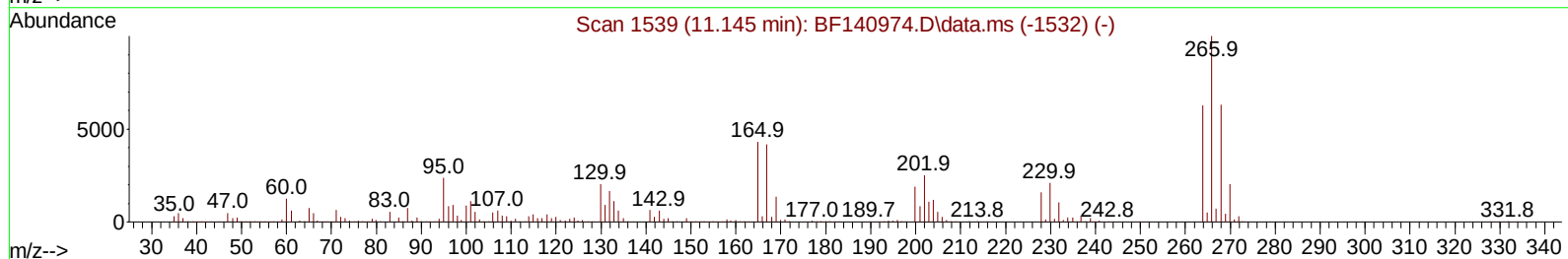
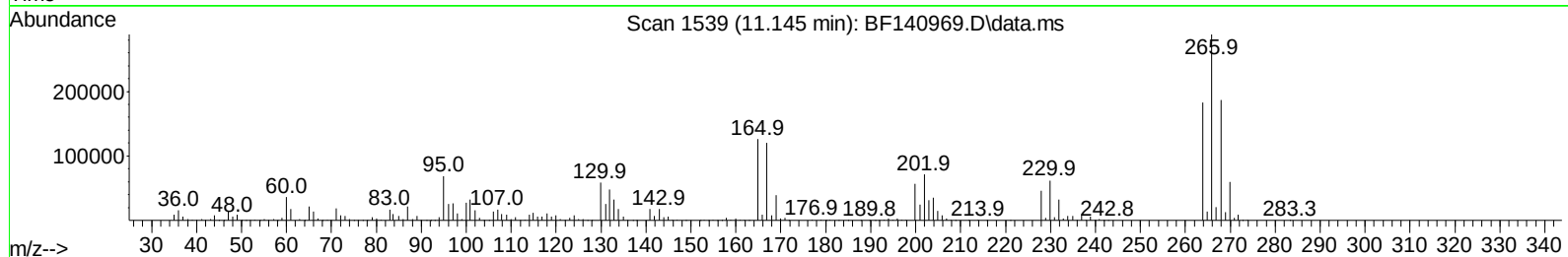
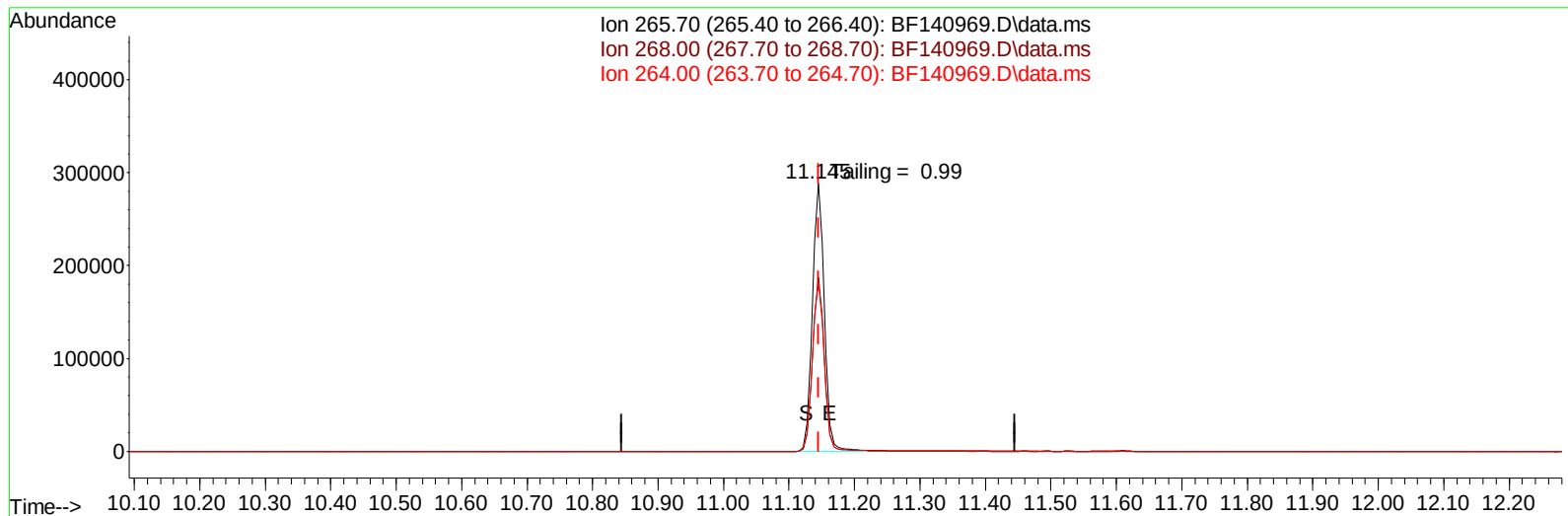
AutoFind: Scans 1617, 1618, 1619; Background Corrected with Scan 1610

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	38.4	122253	PASS
68	69	0.00	2	1.7	1874	PASS
69	198	0.00	100	35.5	113056	PASS
70	69	0.00	2	0.4	479	PASS
127	198	10	80	47.8	152328	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	318400	PASS
199	198	5	9	6.6	21108	PASS
275	198	10	60	27.2	86501	PASS
365	198	1	100	3.5	11162	PASS
441	198	0.01	100	14.3	45621	PASS
442	442	50	100	100.0	288064	PASS
443	442	15	24	19.7	56736	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122624\
Data File : BF140969.D
Acq On : 26 Dec 2024 15:57
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Dec 27 00:41:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:31:16 2024
Response via : Initial Calibration



TIC: BF140969.D\data.ms

(70) Pentachlorophenol (C)

11.145min (+ 0.000) 171712.33 ng

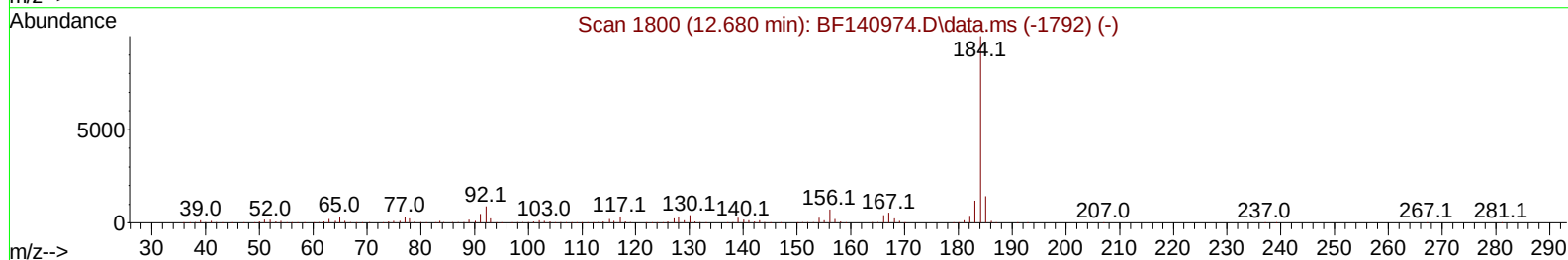
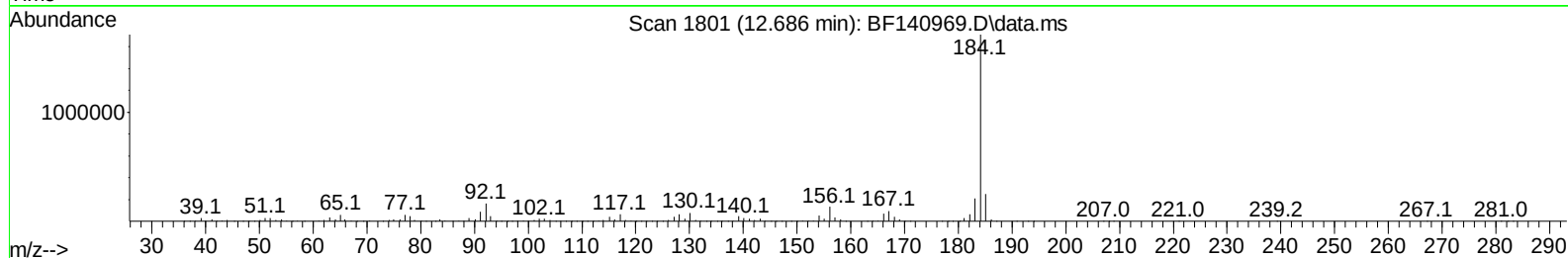
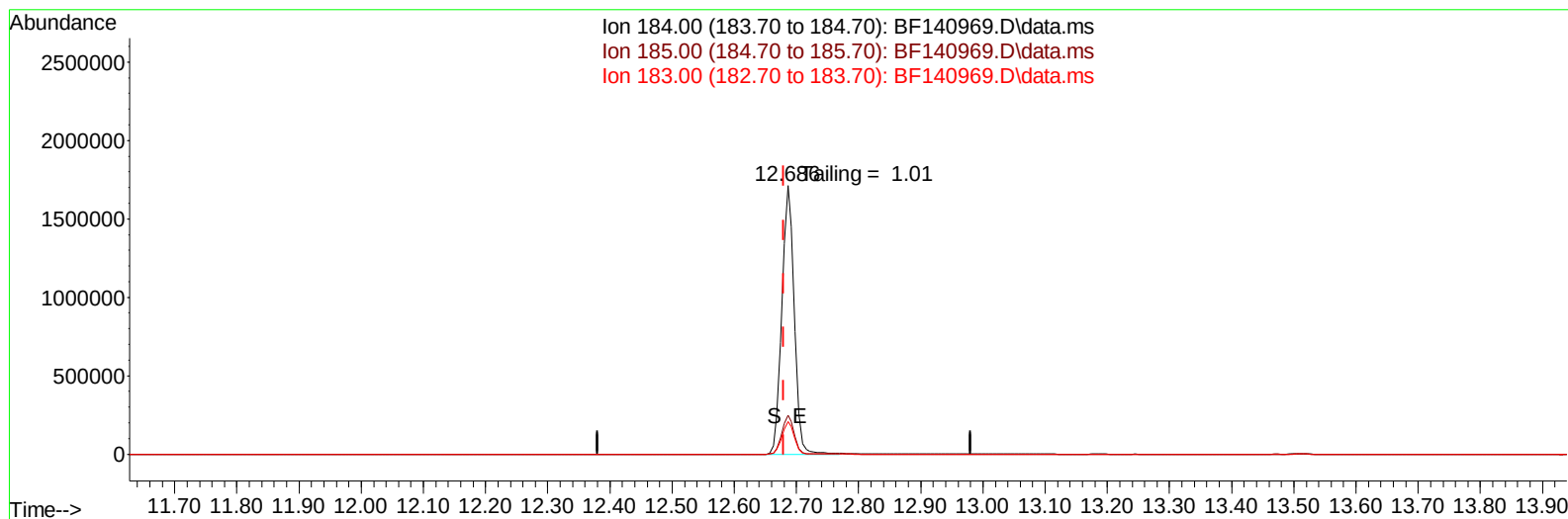
response 370836

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.10	64.90
264.00	62.80	63.32
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122624\
Data File : BF140969.D
Acq On : 26 Dec 2024 15:57
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Dec 27 00:41:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:31:16 2024
Response via : Initial Calibration



TIC: BF140969.D\data.ms

(77) Benzidine**12.686min (+ 0.006) 253030.63 ng****response 2406398**

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.30	14.44
183.00	11.70	12.18
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
12/26/2024	BNA_F	<u>BF140969.D</u>
Compound Name	Response	Retention Time
DDT	737647	13.51
DDD	7676	13.239
DDE	0	12.898
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
7676	745323	1.03

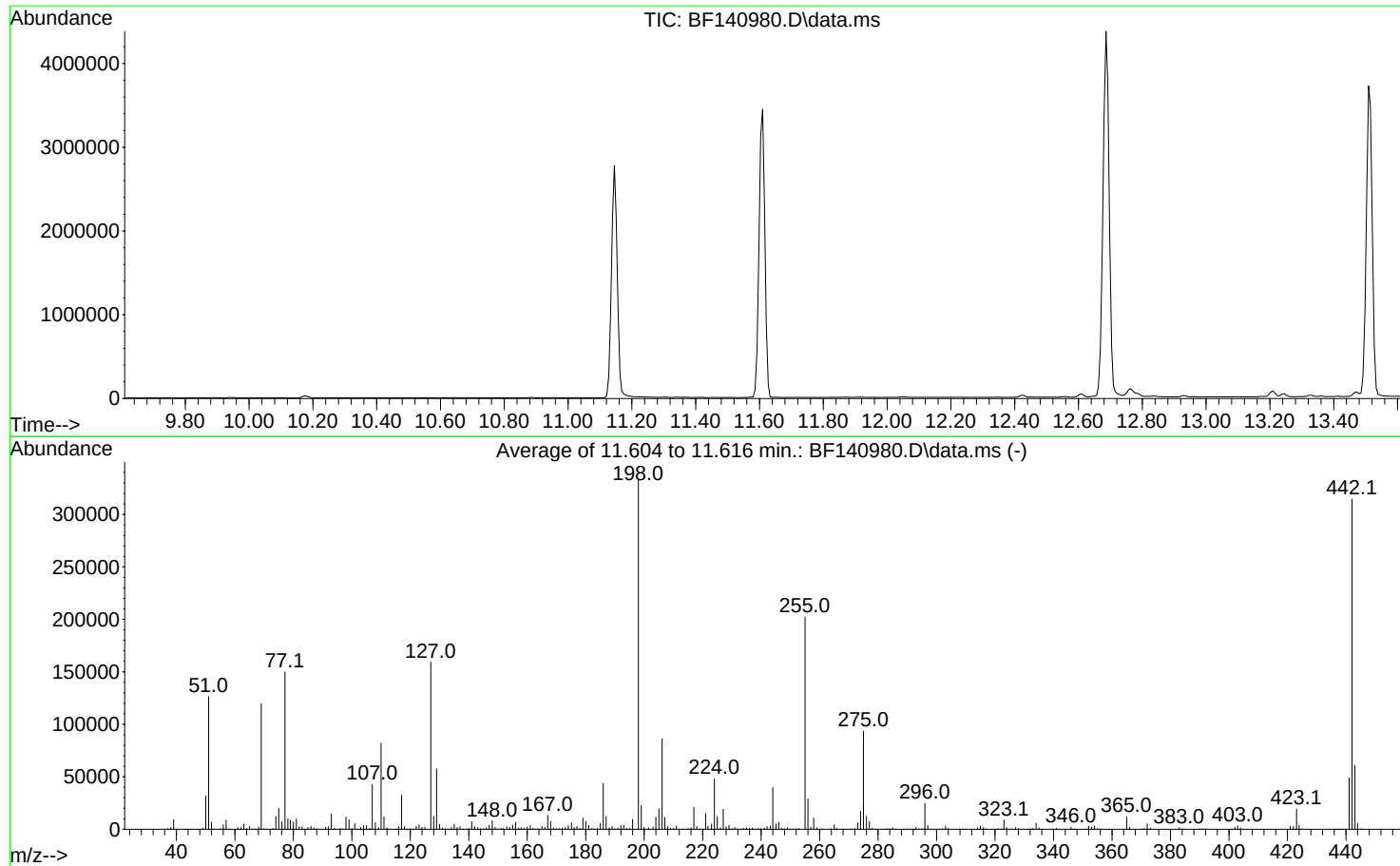
Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
Data File : BF140980.D
Acq On : 27 Dec 2024 07:54
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-BF122624.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Dec 27 00:31:16 2024



AutoFind: Scans 1617, 1618, 1619; Background Corrected with Scan 1610

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	37.9	126454	PASS
68	69	0.00	2	1.9	2252	PASS
69	198	0.00	100	35.9	119774	PASS
70	69	0.00	2	0.5	554	PASS
127	198	10	80	47.8	159248	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	333248	PASS
199	198	5	9	6.7	22432	PASS
275	198	10	60	28.1	93632	PASS
365	198	1	100	3.5	11781	PASS
441	198	0.01	100	14.8	49179	PASS
442	442	50	100	100.0	314603	PASS
443	442	15	24	19.3	60859	PASS

DDT Breakdown

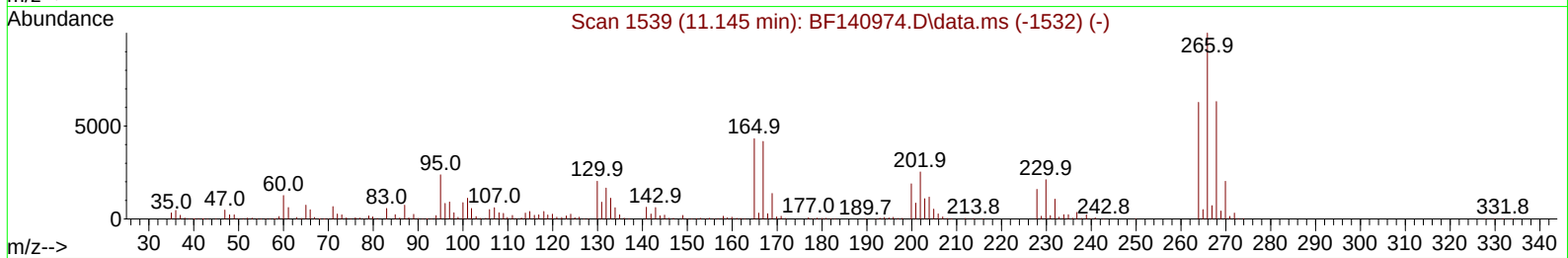
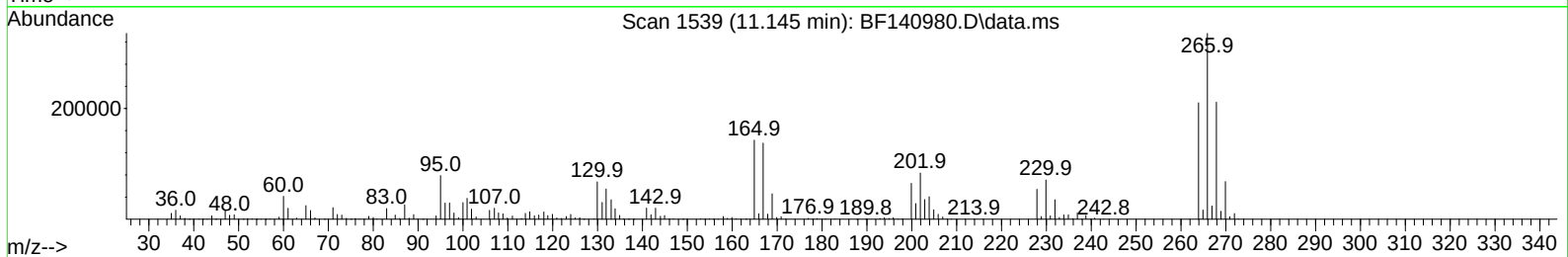
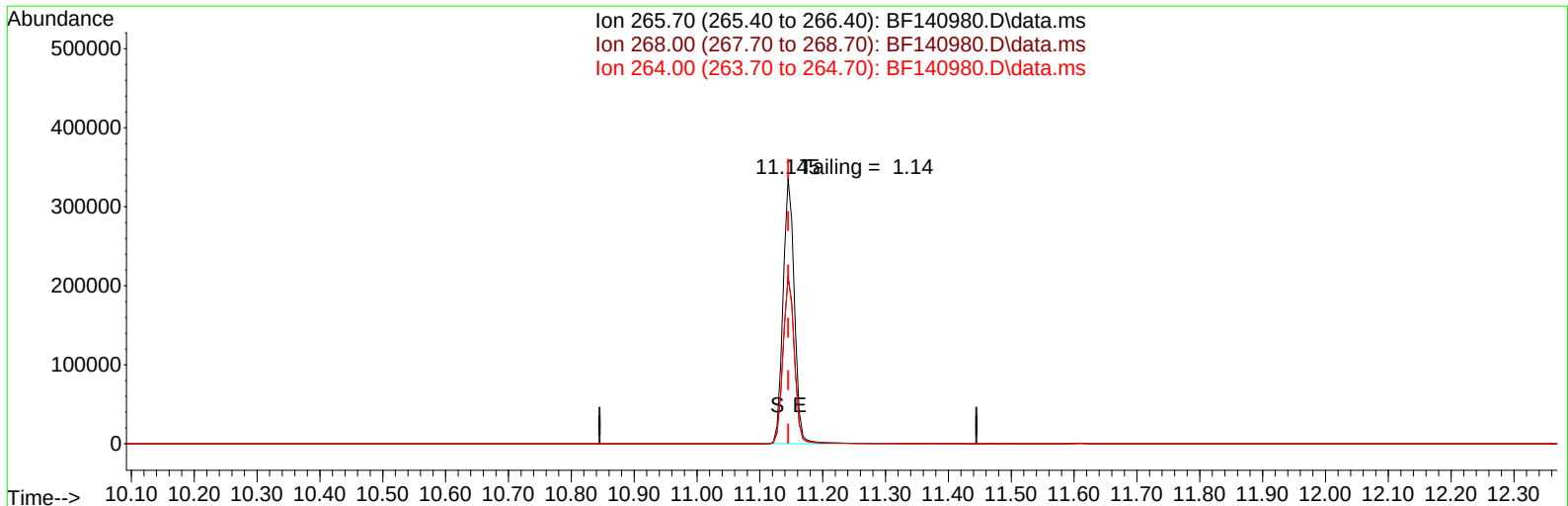
Date	Instrument Name	DFTPP Data File
12/27/2024	BNA_F	<u>BF140980.D</u>
Compound Name	Response	Retention Time
DDT	889651	13.51
DDD	23327	13.21
DDE	233	12.874
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
23560	913211	2.58

Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
Data File : BF140980.D
Acq On : 27 Dec 2024 07:54
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Dec 27 10:40:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:31:16 2024
Response via : Initial Calibration



TIC: BF140980.D\data.ms

(70) Pentachlorophenol (C)

11.145min (-0.000) 34975.88 ng

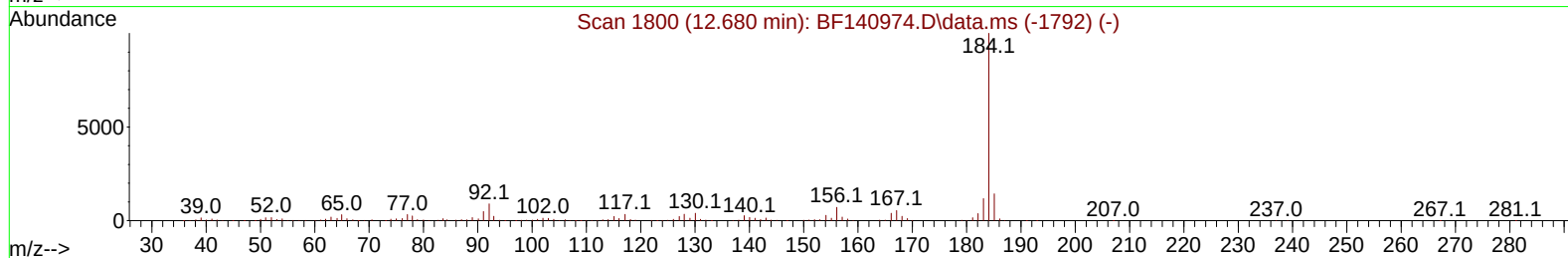
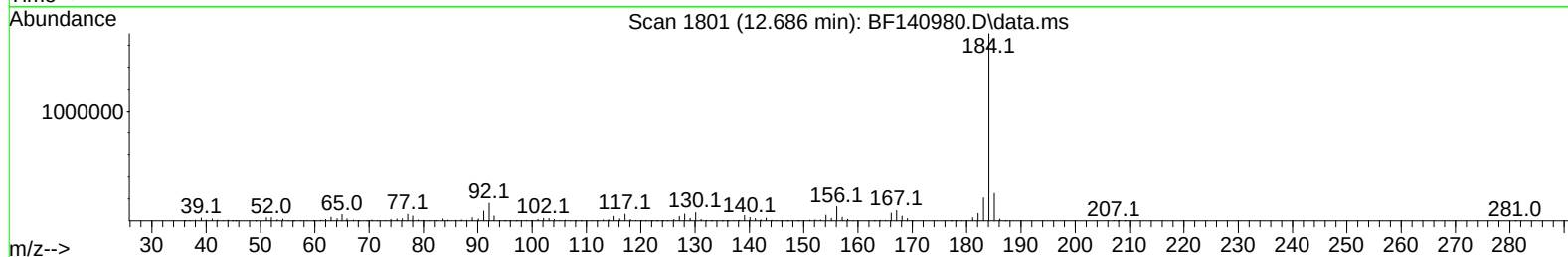
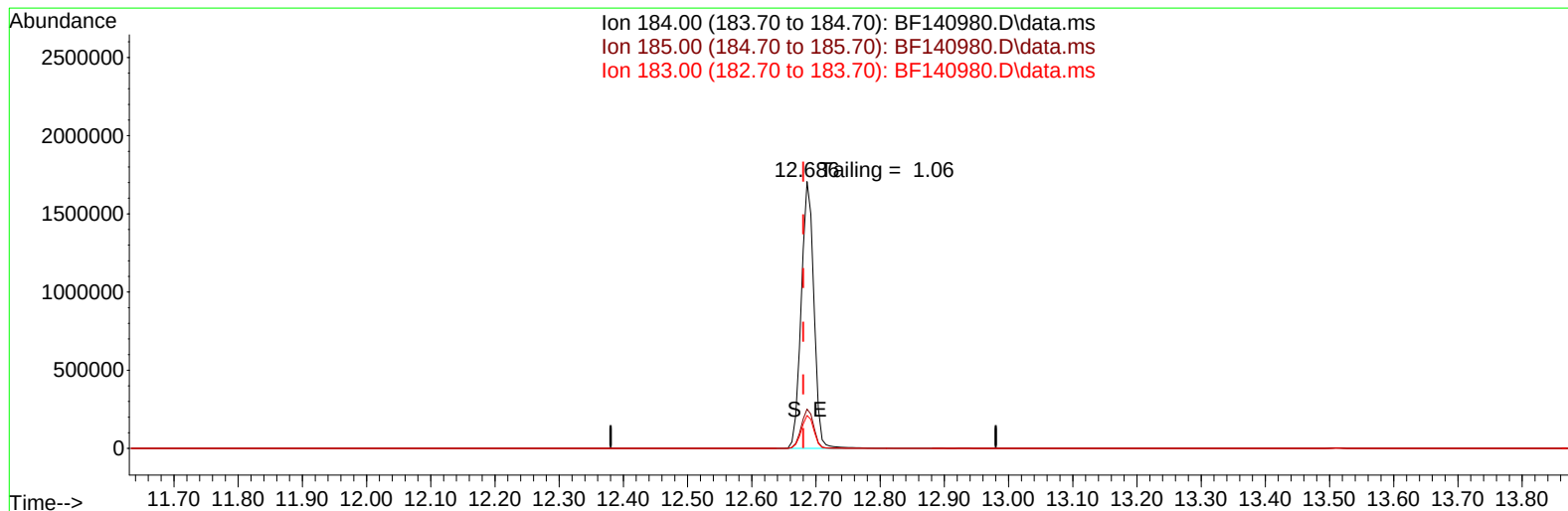
response 426475

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.10	63.00
264.00	62.80	62.66
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
Data File : BF140980.D
Acq On : 27 Dec 2024 07:54
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Dec 27 10:40:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:31:16 2024
Response via : Initial Calibration



TIC: BF140980.D\data.ms

(77) Benzidine

12.686min (+ 0.006) 38443.56 ng

response 2340716

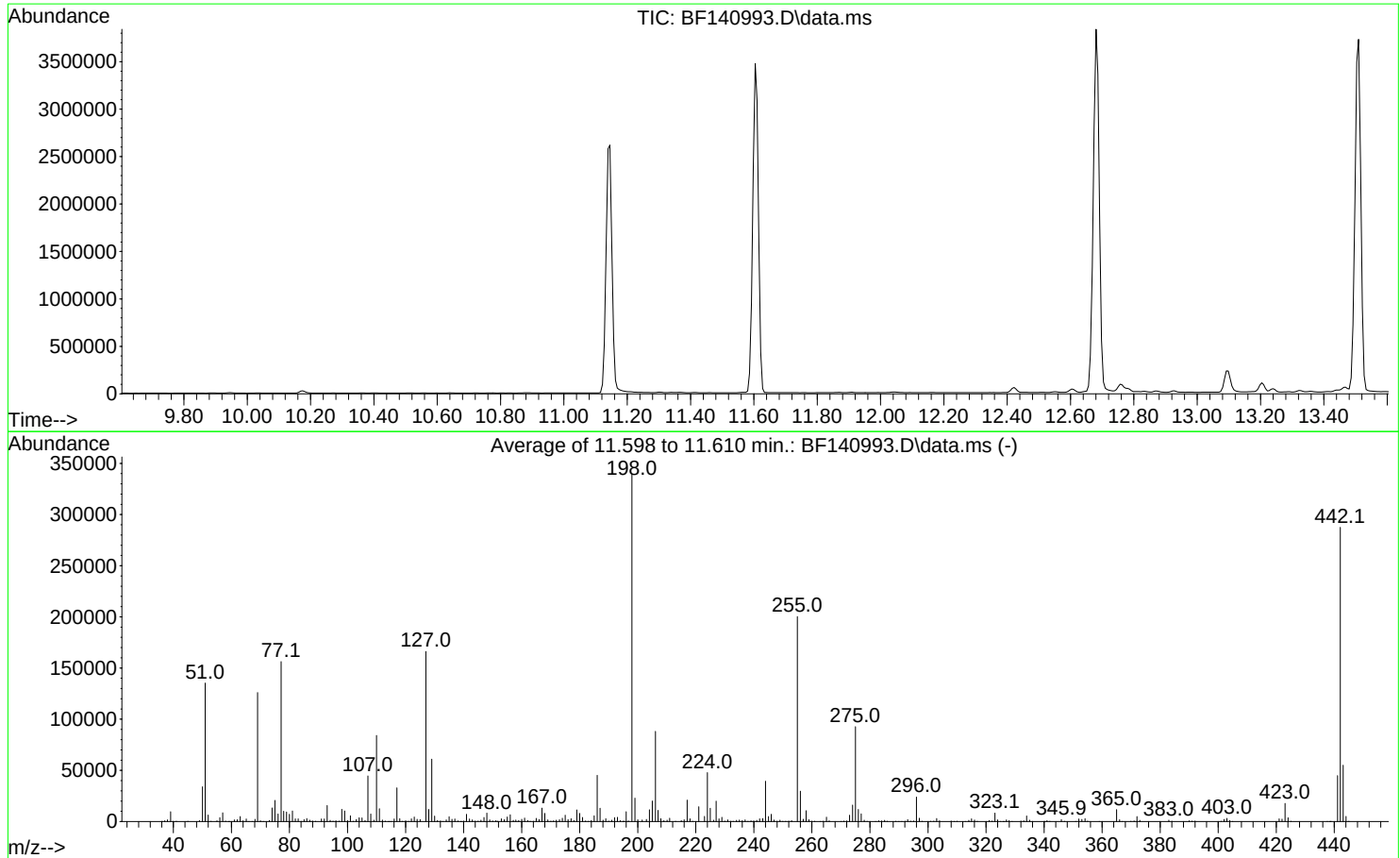
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.30	14.75
183.00	11.70	12.36
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
Data File : BF140993.D
Acq On : 27 Dec 2024 13:33
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-BF122624.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Dec 27 00:31:16 2024



AutoFind: Scans 1616, 1617, 1618; Background Corrected with Scan 1610

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	39.9	135298	PASS
68	69	0.00	2	1.8	2267	PASS
69	198	0.00	100	37.1	126038	PASS
70	69	0.00	2	0.6	718	PASS
127	198	10	80	49.0	166187	PASS
197	198	0.00	2	0.2	570	PASS
198	198	100	100	100.0	339328	PASS
199	198	5	9	6.7	22835	PASS
275	198	10	60	27.3	92720	PASS
365	198	1	100	3.5	11707	PASS
441	198	0.01	100	13.2	44816	PASS
442	442	50	100	100.0	287488	PASS
443	442	15	24	19.1	55021	PASS

DDT Breakdown

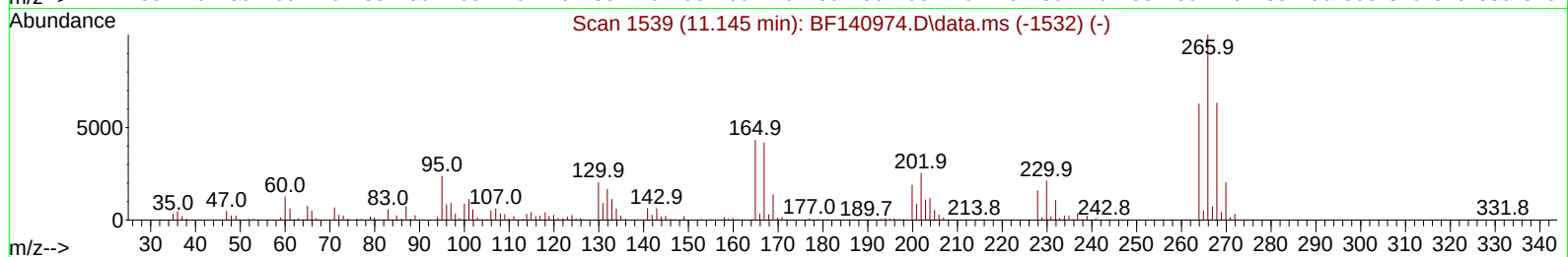
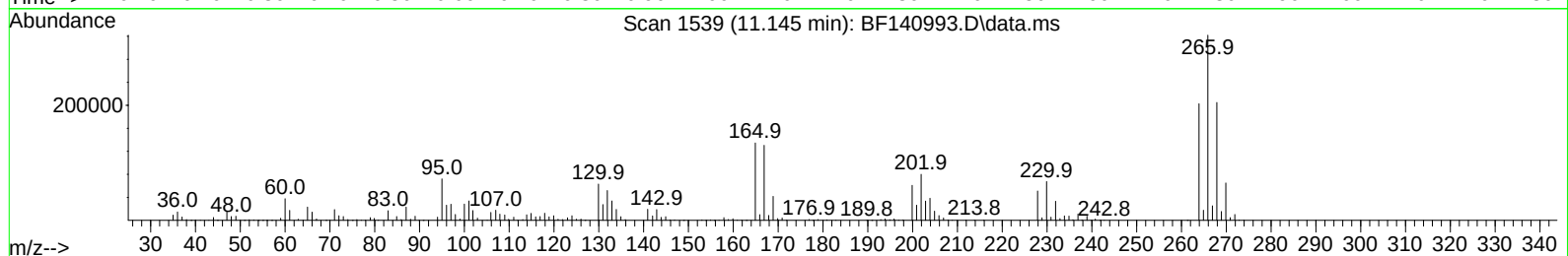
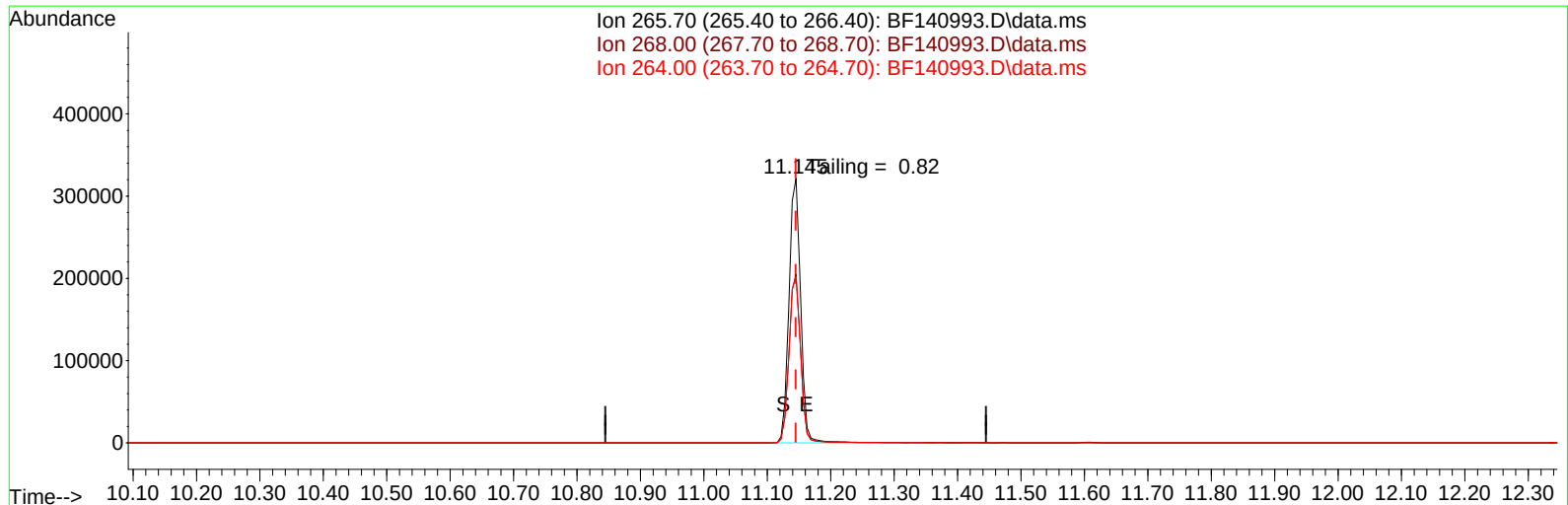
Date	Instrument Name	DFTPP Data File
12/27/2024	BNA_F	<u>BF140993.D</u>
Compound Name	Response	Retention Time
DDT	916292	13.51
DDD	30550	13.204
DDE	2523	12.869
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
33073	949365	3.48

Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
Data File : BF140993.D
Acq On : 27 Dec 2024 13:33
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Dec 27 14:11:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:31:16 2024
Response via : Initial Calibration



TIC: BF140993.D\data.ms

(70) Pentachlorophenol (C)

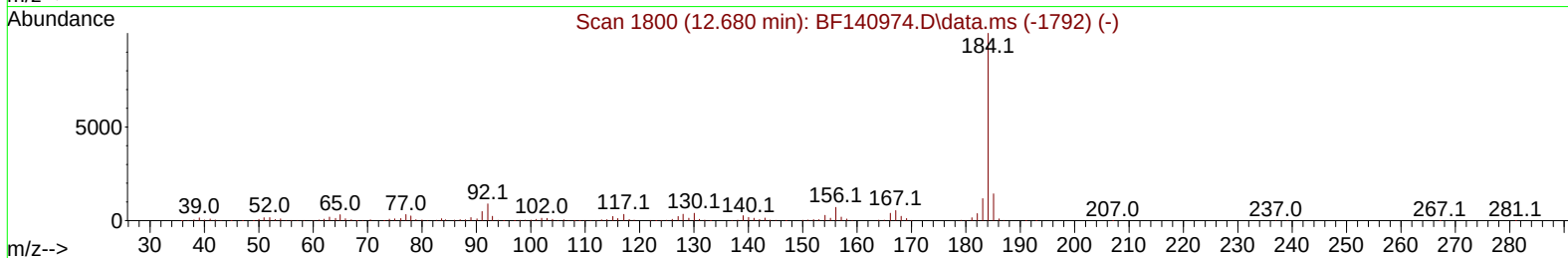
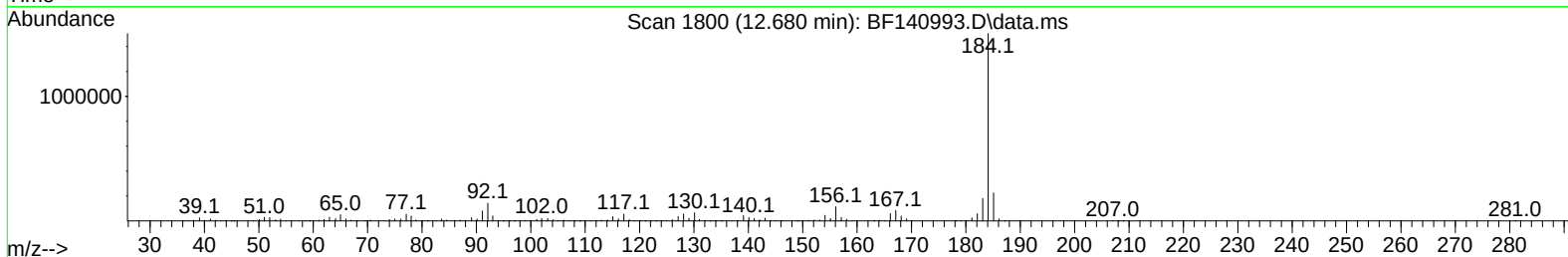
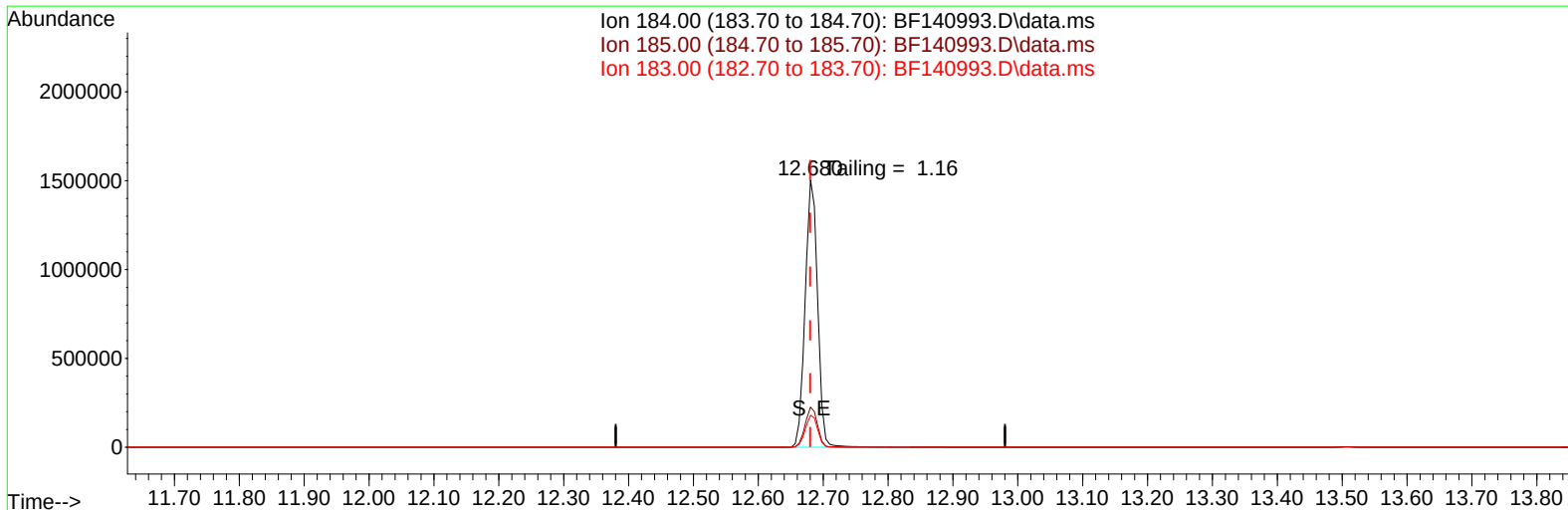
11.145min (+ 0.000) 33852.29 ng

response 415287

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.10	63.69
264.00	62.80	63.03
0.00	0.00	0.00

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Dec 27 14:11:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:31:16 2024
Response via : Initial Calibration



TIC: BF140993.D\data.ms

(77) Benzidine

12.680min (+ 0.000) 37090.14 ng

response 2013745

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.30	15.02
183.00	11.70	12.03
0.00	0.00	0.00

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Comegys School	Date Received:	
Client Sample ID:	PB165845BL	SDG No.:	P5382
Lab Sample ID:	PB165845BL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BF140991.D	1	12/26/24 09:10	12/27/24 12:41	PB165845

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	82.6	U	82.6	170	ug/Kg
86-73-7	Fluorene	85.5	U	85.5	170	ug/Kg
85-01-8	Phenanthrene	84.0	U	84.0	170	ug/Kg
120-12-7	Anthracene	84.4	U	84.4	170	ug/Kg
129-00-0	Pyrene	83.0	U	83.0	170	ug/Kg
56-55-3	Benzo(a)anthracene	80.7	U	80.7	170	ug/Kg
218-01-9	Chrysene	79.5	U	79.5	170	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.1	U	81.1	170	ug/Kg
50-32-8	Benzo(a)pyrene	93.0	U	93.0	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.1	U	78.1	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.1	U	80.1	170	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	116	*	18 - 107	116%	SPK: 100
321-60-8	2-Fluorobiphenyl	94.9		20 - 109	95%	SPK: 100
1718-51-0	Terphenyl-d14	90.3		10 - 105	90%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	256000	6.828			
1146-65-2	Naphthalene-d8	1040000	8.104			
15067-26-2	Acenaphthene-d10	552000	9.857			
1517-22-2	Phenanthrene-d10	932000	11.345			
1719-03-5	Chrysene-d12	693000	13.98			
1520-96-3	Perylene-d12	548000	15.439			

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Comegys School	Date Received:	
Client Sample ID:	PB165845BL	SDG No.:	P5382
Lab Sample ID:	PB165845BL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BF140991.D	1	12/26/24 09:10	12/27/24 12:41	PB165845

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\BF122724\
Data File : BF140991.D
Acq On : 27 Dec 2024 12:41
Operator : RC/JU
Sample : PB165845BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165845BL

Quant Time: Dec 27 13:20:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:31:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	256406	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	1039756	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	551936	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	932287	20.000	ng	0.00
76) Chrysene-d12	13.980	240	692897	20.000	ng	0.00
86) Perylene-d12	15.439	264	548204	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	2391563	140.597	ng	0.01
7) Phenol-d6	6.445	99	2962839	135.212	ng	0.00
23) Nitrobenzene-d5	7.386	82	1889559	116.268	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	814782	151.921	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	3288344	94.923	ng	0.00
79) Terphenyl-d14	12.933	244	3768462	90.337	ng	0.00

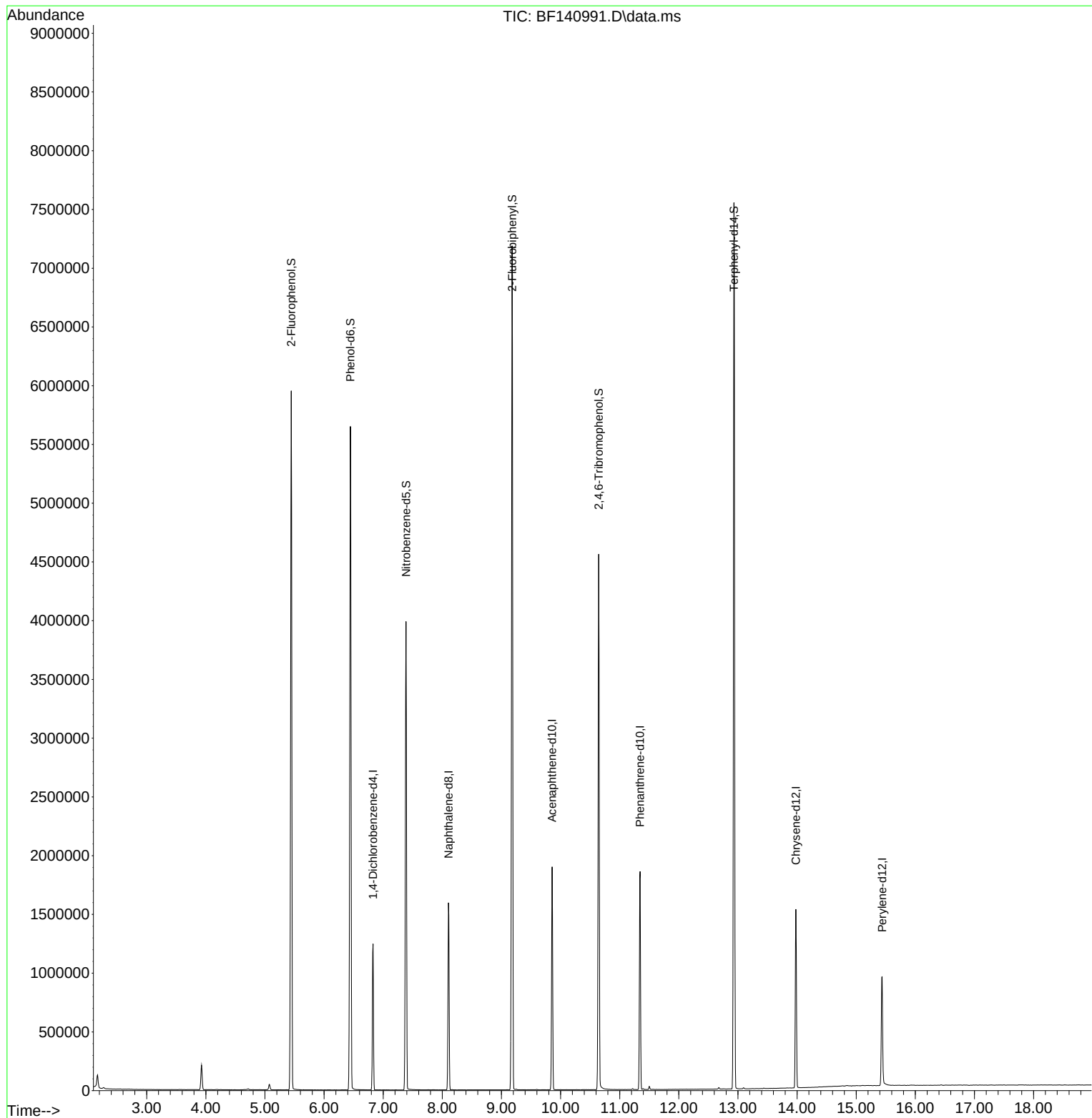
Target Compounds	Qvalue

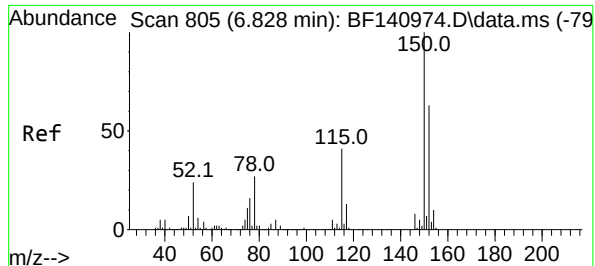
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
Data File : BF140991.D
Acq On : 27 Dec 2024 12:41
Operator : RC/JU
Sample : PB165845BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165845BL

Quant Time: Dec 27 13:20:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:31:16 2024
Response via : Initial Calibration

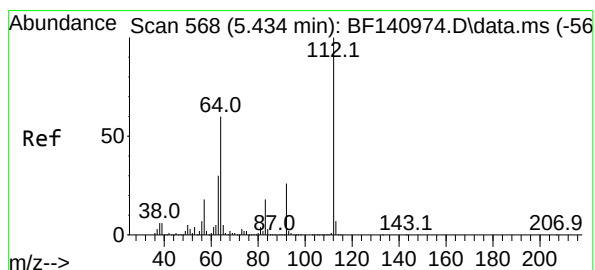
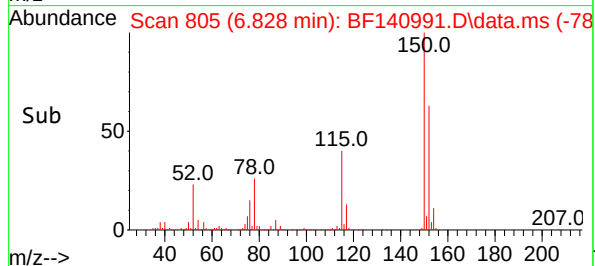
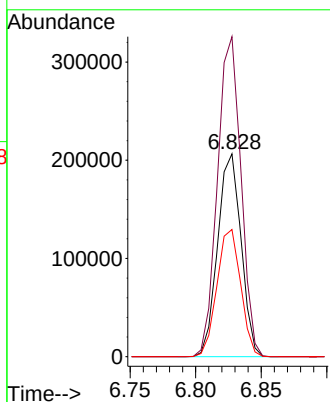
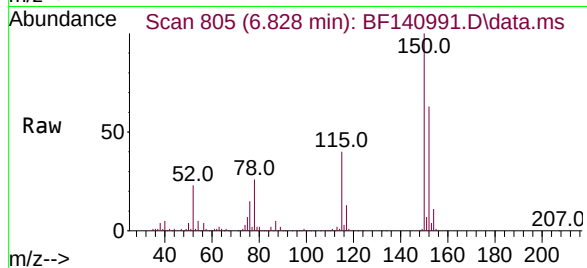




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF140991.D
Acq: 27 Dec 2024 12:41

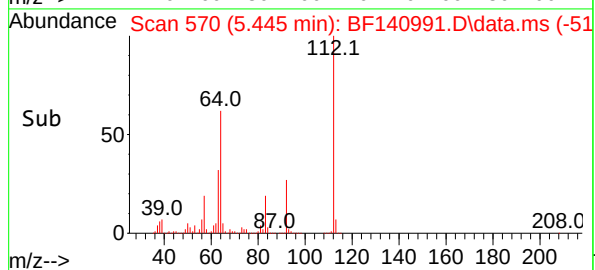
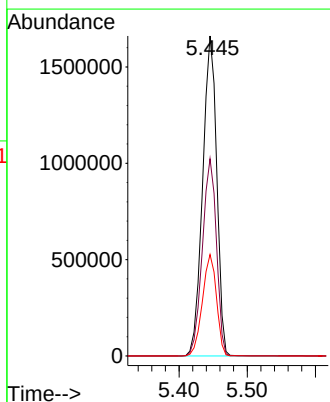
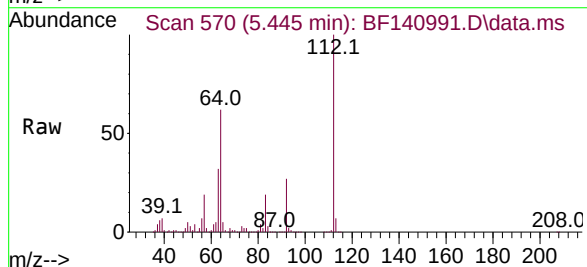
Instrument :
BNA_F
ClientSampleId :
PB165845BL

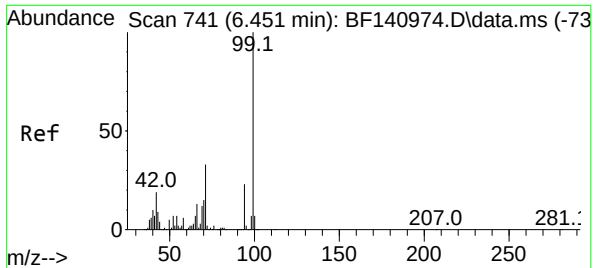
Tgt Ion:152 Resp: 256406
Ion Ratio Lower Upper
152 100
150 157.7 127.0 190.6
115 62.7 51.7 77.5



#5
2-Fluorophenol
Concen: 140.597 ng
RT: 5.445 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF140991.D
Acq: 27 Dec 2024 12:41

Tgt Ion:112 Resp: 2391563
Ion Ratio Lower Upper
112 100
64 61.7 47.7 71.5
63 31.7 24.2 36.2





#7

Phenol-d6

Concen: 135.212 ng

RT: 6.445 min Scan# 741

Delta R.T. -0.006 min

Lab File: BF140991.D

Acq: 27 Dec 2024 12:41

Instrument :

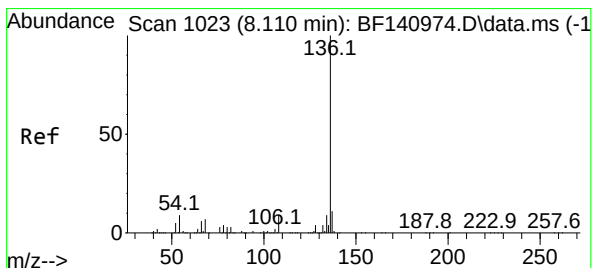
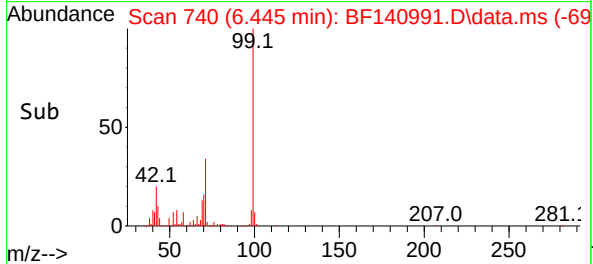
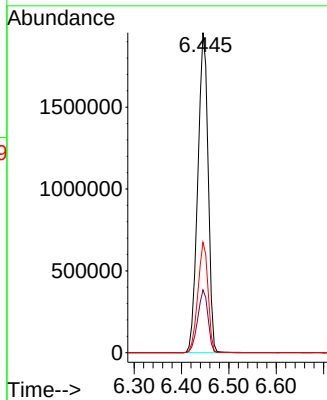
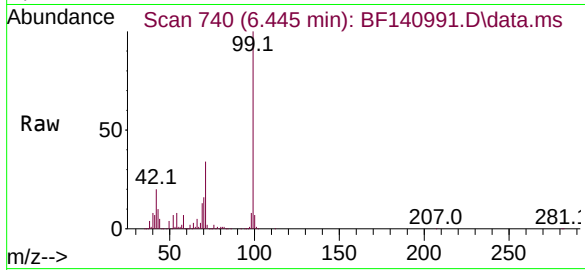
BNA_F

ClientSampleId :

PB165845BL

Tgt Ion: 99 Resp: 2962839

Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.0	22.4
71	34.5	26.2	39.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.104 min Scan# 1022

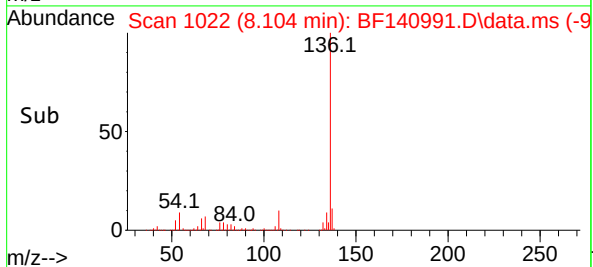
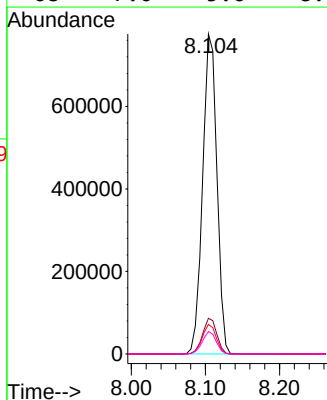
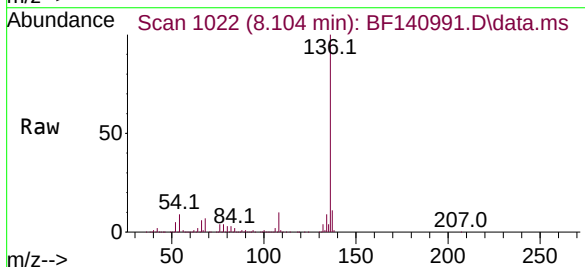
Delta R.T. -0.006 min

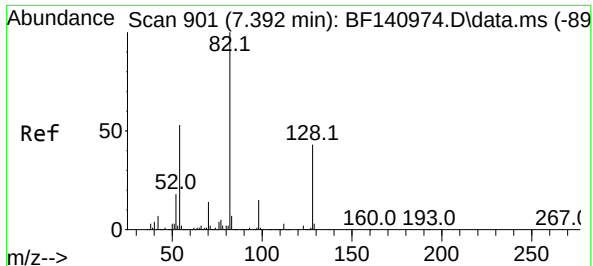
Lab File: BF140991.D

Acq: 27 Dec 2024 12:41

Tgt Ion: 136 Resp: 1039756

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	9.3	7.6	11.4
68	7.0	5.6	8.4





#23

Nitrobenzene-d5

Concen: 116.268 ng

RT: 7.386 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF140991.D

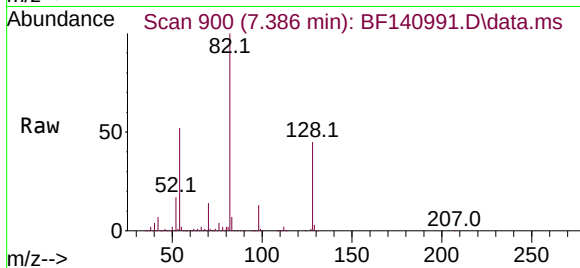
Acq: 27 Dec 2024 12:41

Instrument :

BNA_F

ClientSampleId :

PB165845BL



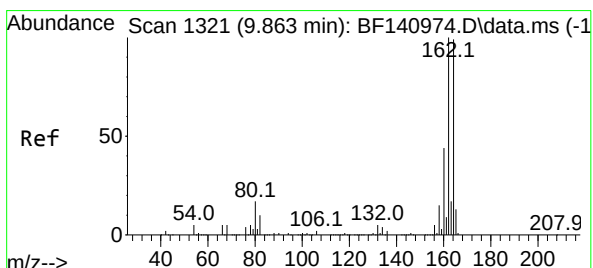
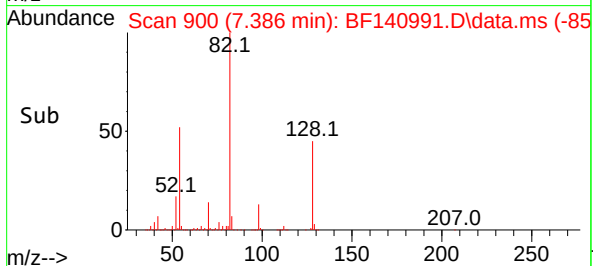
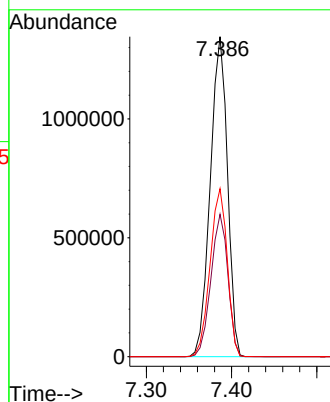
Tgt Ion: 82 Resp: 1889559

Ion Ratio Lower Upper

82 100

128 44.5 34.4 51.6

54 52.5 42.4 63.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1320

Delta R.T. -0.006 min

Lab File: BF140991.D

Acq: 27 Dec 2024 12:41

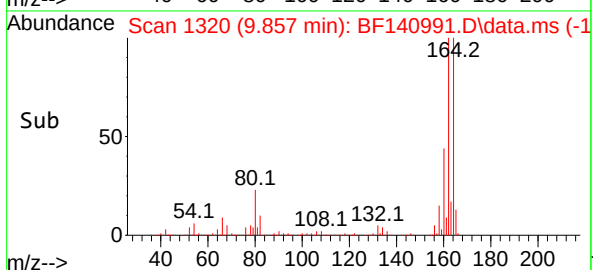
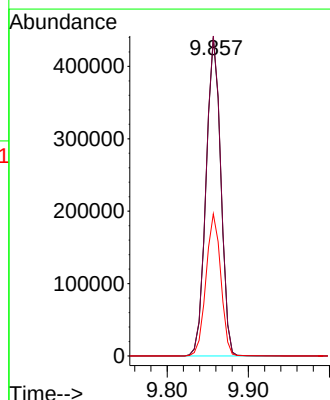
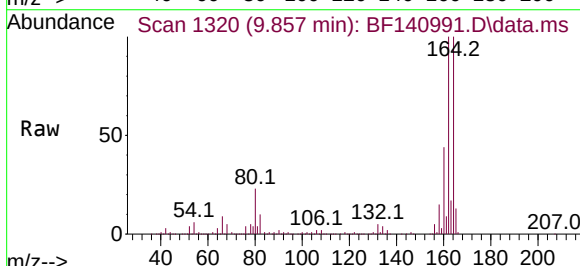
Tgt Ion: 164 Resp: 551936

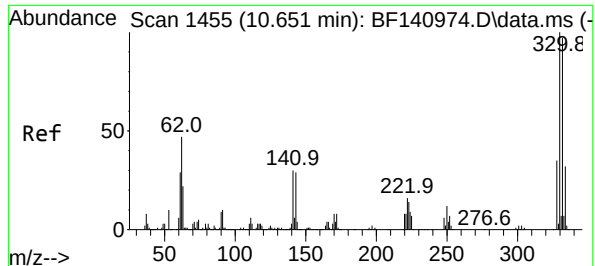
Ion Ratio Lower Upper

164 100

162 100.5 80.6 120.8

160 44.6 35.7 53.5

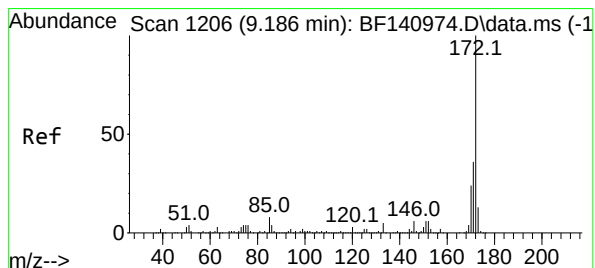
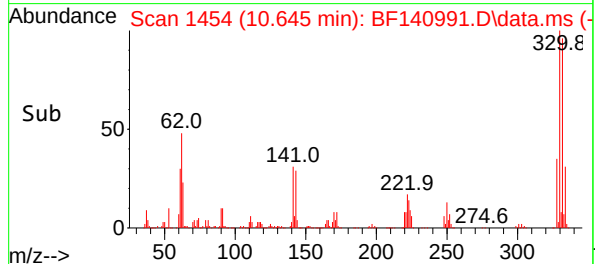
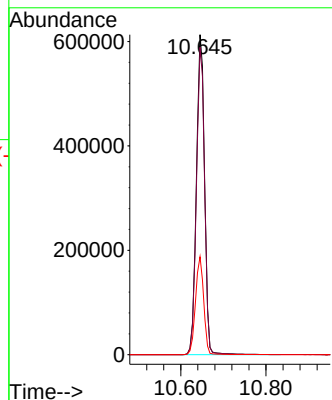
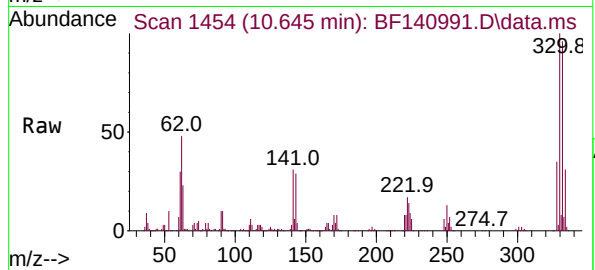




#42
2,4,6-Tribromophenol
Concen: 151.921 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF140991.D
Acq: 27 Dec 2024 12:41

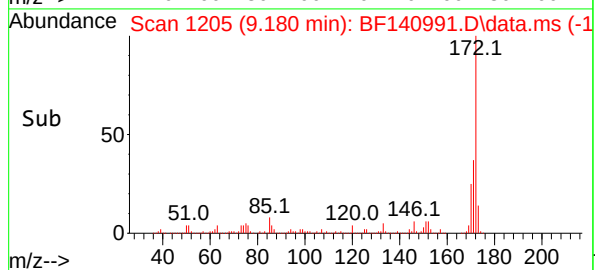
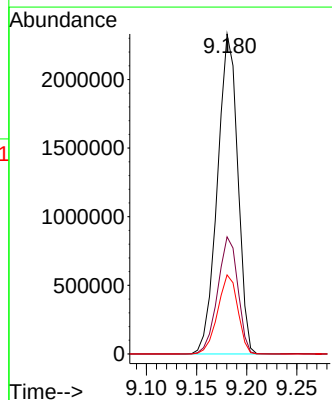
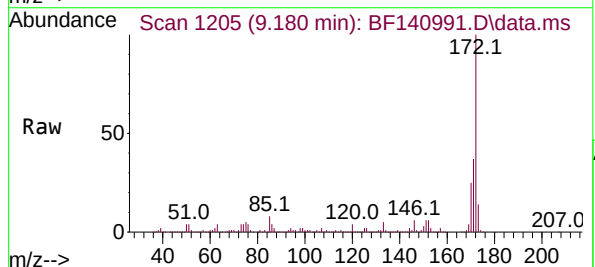
Instrument :
BNA_F
ClientSampleId :
PB165845BL

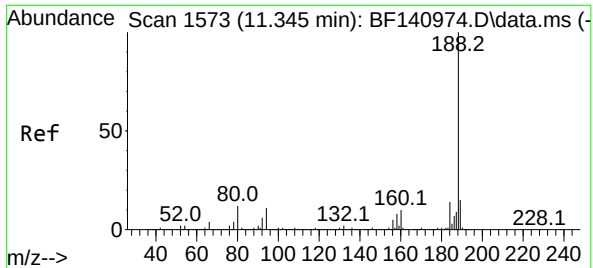
Tgt Ion:330 Resp: 814782
Ion Ratio Lower Upper
330 100
332 96.1 78.0 117.0
141 30.8 26.4 39.6



#45
2-Fluorobiphenyl
Concen: 94.923 ng
RT: 9.180 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF140991.D
Acq: 27 Dec 2024 12:41

Tgt Ion:172 Resp: 3288344
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.4
170 24.7 19.6 29.4

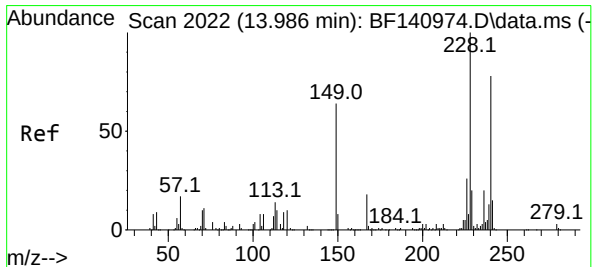
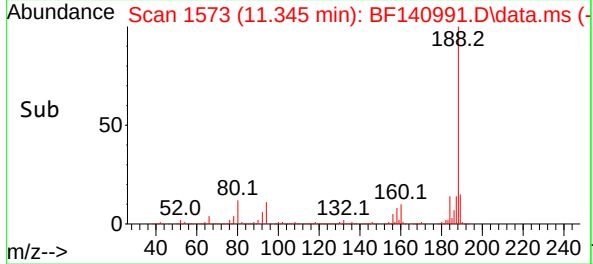
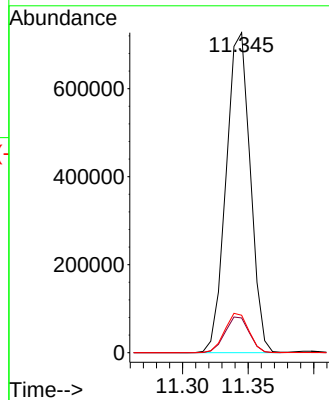
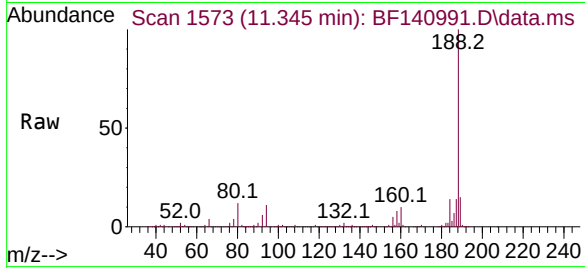




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140991.D
Acq: 27 Dec 2024 12:41

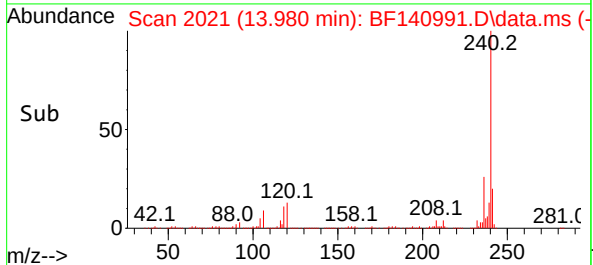
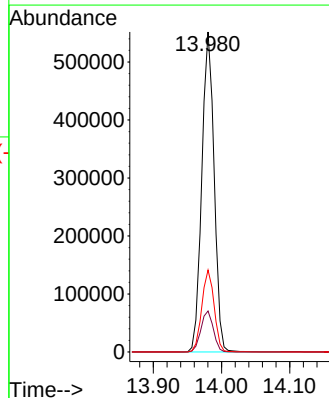
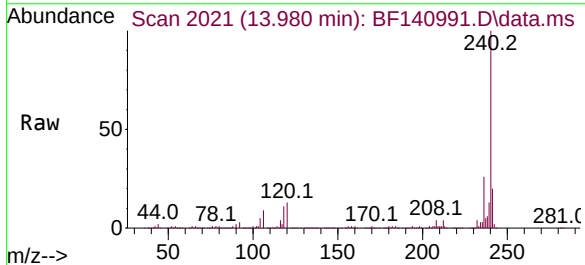
Instrument :
BNA_F
ClientSampleId :
PB165845BL

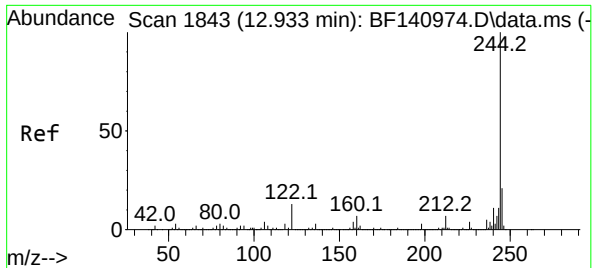
Tgt Ion:188 Resp: 932287
Ion Ratio Lower Upper
188 100
94 10.8 9.0 13.6
80 11.7 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF140991.D
Acq: 27 Dec 2024 12:41

Tgt Ion:240 Resp: 692897
Ion Ratio Lower Upper
240 100
120 12.8 10.7 16.1
236 25.6 20.6 31.0





#79

Terphenyl-d14

Concen: 90.337 ng

RT: 12.933 min Scan# 1843

Delta R.T. -0.000 min

Lab File: BF140991.D

Acq: 27 Dec 2024 12:41

Instrument :

BNA_F

ClientSampleId :

PB165845BL

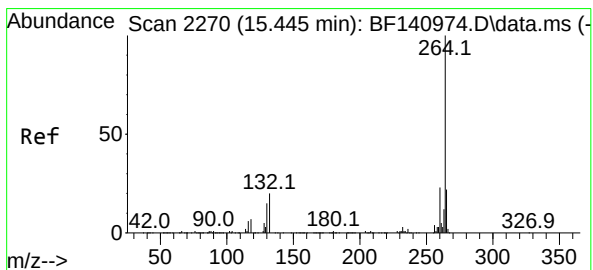
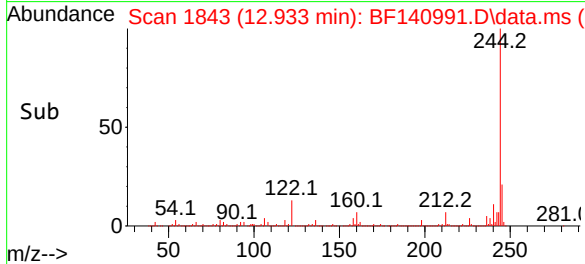
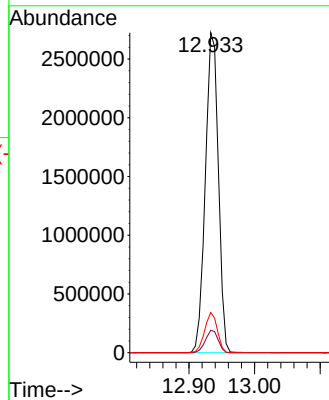
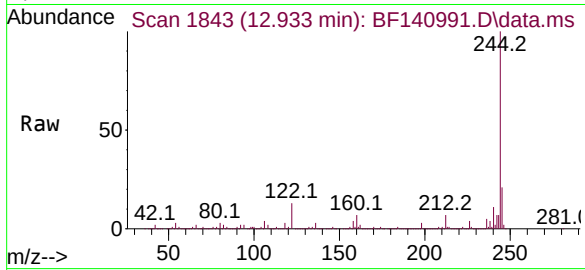
Tgt Ion:244 Resp: 3768462

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 12.5 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2269

Delta R.T. -0.006 min

Lab File: BF140991.D

Acq: 27 Dec 2024 12:41

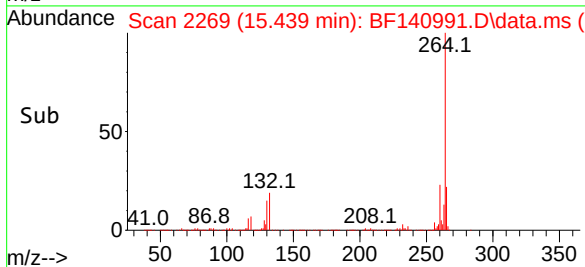
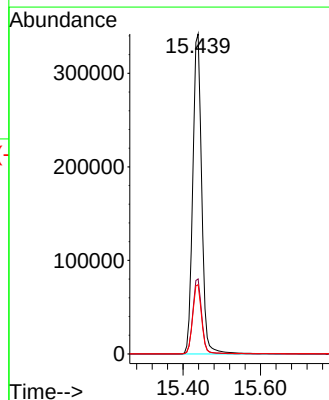
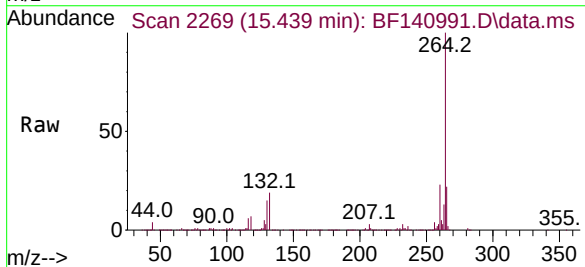
Tgt Ion:264 Resp: 548204

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.7 17.4 26.2



Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Comegys School	Date Received:	
Client Sample ID:	PB165845BS	SDG No.:	P5382
Lab Sample ID:	PB165845BS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BF140992.D	1	12/26/24 09:10	12/27/24 13:07	PB165845

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1600		82.5	170	ug/Kg
86-73-7	Fluorene	1600		85.4	170	ug/Kg
85-01-8	Phenanthrene	1800		83.9	170	ug/Kg
120-12-7	Anthracene	1800		84.3	170	ug/Kg
129-00-0	Pyrene	1600		82.9	170	ug/Kg
56-55-3	Benzo(a)anthracene	1600		80.6	170	ug/Kg
218-01-9	Chrysene	1700		79.4	170	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		81.0	170	ug/Kg
50-32-8	Benzo(a)pyrene	1900		92.9	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800		78.0	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		80.0	170	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	122	*	18 - 107	122%	SPK: 100
321-60-8	2-Fluorobiphenyl	101		20 - 109	101%	SPK: 100
1718-51-0	Terphenyl-d14	101		10 - 105	101%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	237000		6.828		
1146-65-2	Naphthalene-d8	957000		8.11		
15067-26-2	Acenaphthene-d10	508000		9.863		
1517-22-2	Phenanthrene-d10	853000		11.345		
1719-03-5	Chrysene-d12	598000		13.986		
1520-96-3	Perylene-d12	492000		15.439		

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Comegys School	Date Received:	
Client Sample ID:	PB165845BS	SDG No.:	P5382
Lab Sample ID:	PB165845BS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BF140992.D	1	12/26/24 09:10	12/27/24 13:07	PB165845

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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\BF122724\
 Data File : BF140992.D
 Acq On : 27 Dec 2024 13:07
 Operator : RC/JU
 Sample : PB165845BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165845BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/30/2024
 Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 27 13:39:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	237476	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	956660	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	508461	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	852780	20.000	ng	0.00
76) Chrysene-d12	13.986	240	597621	20.000	ng	0.00
86) Perylene-d12	15.439	264	491502	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	2326498	147.674	ng	0.01
7) Phenol-d6	6.451	99	2992516	147.452	ng	0.00
23) Nitrobenzene-d5	7.392	82	1828432	122.279	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	832297	168.456	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	3223816	101.017	ng	0.00
79) Terphenyl-d14	12.933	244	3631038	100.919	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	316751	44.410	ng	99
3) Pyridine	3.404	79	834212	47.859	ng	99
4) n-Nitrosodimethylamine	3.351	42	454126	51.420	ng	99
6) Aniline	6.487	93	799813	44.188	ng	98
8) 2-Chlorophenol	6.610	128	888865	53.514	ng	98
9) Benzaldehyde	6.375	77	179402	12.365	ng	98
10) Phenol	6.469	94	1101010	52.466	ng	97
11) bis(2-Chloroethyl)ether	6.563	93	834457	49.247	ng	100
12) 1,3-Dichlorobenzene	6.769	146	889074	48.502	ng	99
13) 1,4-Dichlorobenzene	6.845	146	902205	48.823	ng	99
14) 1,2-Dichlorobenzene	6.998	146	863622	50.125	ng	99
15) Benzyl Alcohol	6.969	79	758724	52.025	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1342841	52.404	ng	100
17) 2-Methylphenol	7.075	107	720182	52.191	ng	99
18) Hexachloroethane	7.339	117	328695	50.072	ng	98
19) n-Nitroso-di-n-propyla...	7.245	70	628882	50.581	ng	99
20) 3+4-Methylphenols	7.228	107	887918	50.848	ng	93
22) Acetophenone	7.239	105	1164427	49.617	ng	99
24) Nitrobenzene	7.410	77	917966	54.940	ng	98
25) Isophorone	7.651	82	1668522	51.278	ng	100
26) 2-Nitrophenol	7.728	139	401624	57.478	ng	99
27) 2,4-Dimethylphenol	7.757	122	723591	60.848	ng	100
28) bis(2-Chloroethoxy)met...	7.863	93	1025674	49.752	ng	100
29) 2,4-Dichlorophenol	7.963	162	697158	51.691	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	729887	47.814	ng	99
31) Naphthalene	8.133	128	2471273	49.023	ng	100
32) Benzoic acid	7.869	122	503097	50.862	ng	97
33) 4-Chloroaniline	8.175	127	293273	16.081	ng	99
34) Hexachlorobutadiene	8.251	225	431560	47.955	ng	99
35) Caprolactam	8.539	113	233078m	50.835	ng	
36) 4-Chloro-3-methylphenol	8.651	107	759652	50.717	ng	99
37) 2-Methylnaphthalene	8.822	142	1594390	49.440	ng	100
38) 1-Methylnaphthalene	8.922	142	1495200	47.176	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	693928	49.608	ng	99
41) Hexachlorocyclopentadiene	8.975	237	843032	181.861	ng	100
43) 2,4,6-Trichlorophenol	9.092	196	512127	55.008	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
 Data File : BF140992.D
 Acq On : 27 Dec 2024 13:07
 Operator : RC/JU
 Sample : PB165845BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB165845BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 27 13:39:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	483800	50.788	ng	99
46) 1,1'-Biphenyl	9.286	154	1948058	50.037	ng	100
47) 2-Chloronaphthalene	9.310	162	1469777	48.676	ng	100
48) 2-Nitroaniline	9.404	65	458643	57.089	ng	95
49) Acenaphthylene	9.727	152	2284825	52.565	ng	100
50) Dimethylphthalate	9.586	163	1720580	51.445	ng	100
51) 2,6-Dinitrotoluene	9.645	165	374454	54.375	ng	99
52) Acenaphthene	9.898	154	1622020	55.197	ng	99
53) 3-Nitroaniline	9.810	138	230474	32.223	ng	# 96
54) 2,4-Dinitrophenol	9.916	184	308206	101.093	ng	# 1
55) Dibenzofuran	10.069	168	2067677	50.068	ng	100
56) 4-Nitrophenol	9.969	139	666358	116.476	ng	95
57) 2,4-Dinitrotoluene	10.051	165	491160	57.830	ng	98
58) Fluorene	10.410	166	1561605	48.764	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	430838	54.610	ng	99
60) Diethylphthalate	10.286	149	1649179	49.948	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	747927	48.538	ng	99
62) 4-Nitroaniline	10.427	138	396300	53.099	ng	95
63) Azobenzene	10.563	77	1749377	50.478	ng	99
65) 4,6-Dinitro-2-methylph...	10.451	198	217215	60.793	ng	99
66) n-Nitrosodiphenylamine	10.522	169	1437255	53.521	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	490534	53.211	ng	99
68) Hexachlorobenzene	10.957	284	531956	52.332	ng	100
69) Atrazine	11.051	200	483104	64.396	ng	99
70) Pentachlorophenol	11.151	266	660595	104.378	ng	99
71) Phenanthrene	11.374	178	2365361	52.701	ng	100
72) Anthracene	11.421	178	2395731	54.474	ng	100
73) Carbazole	11.574	167	2138020	50.570	ng	100
74) Di-n-butylphthalate	11.916	149	2474103	51.450	ng	100
75) Fluoranthene	12.557	202	2422076	49.757	ng	100
77) Benzidine	12.680	184	624374	49.435	ng	98
78) Pyrene	12.786	202	2511217	48.046	ng	100
80) Butylbenzylphthalate	13.410	149	997737	52.278	ng	97
81) Benzo(a)anthracene	13.974	228	2007470	48.198	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	328902	26.283	ng	99
83) Chrysene	14.015	228	1920247	51.143	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	1247822	50.404	ng	99
85) Di-n-octyl phthalate	14.592	149	1974999	55.120	ng	99
87) Indeno(1,2,3-cd)pyrene	16.892	276	1693821	54.700	ng	99
88) Benzo(b)fluoranthene	15.021	252	1637731	47.776	ng	99
89) Benzo(k)fluoranthene	15.051	252	1599717	59.542	ng	100
90) Benzo(a)pyrene	15.380	252	1483916	55.772	ng	98
91) Dibenzo(a,h)anthracene	16.915	278	1369852	54.573	ng	99
92) Benzo(g,h,i)perylene	17.333	276	1271204	48.828	ng	99

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

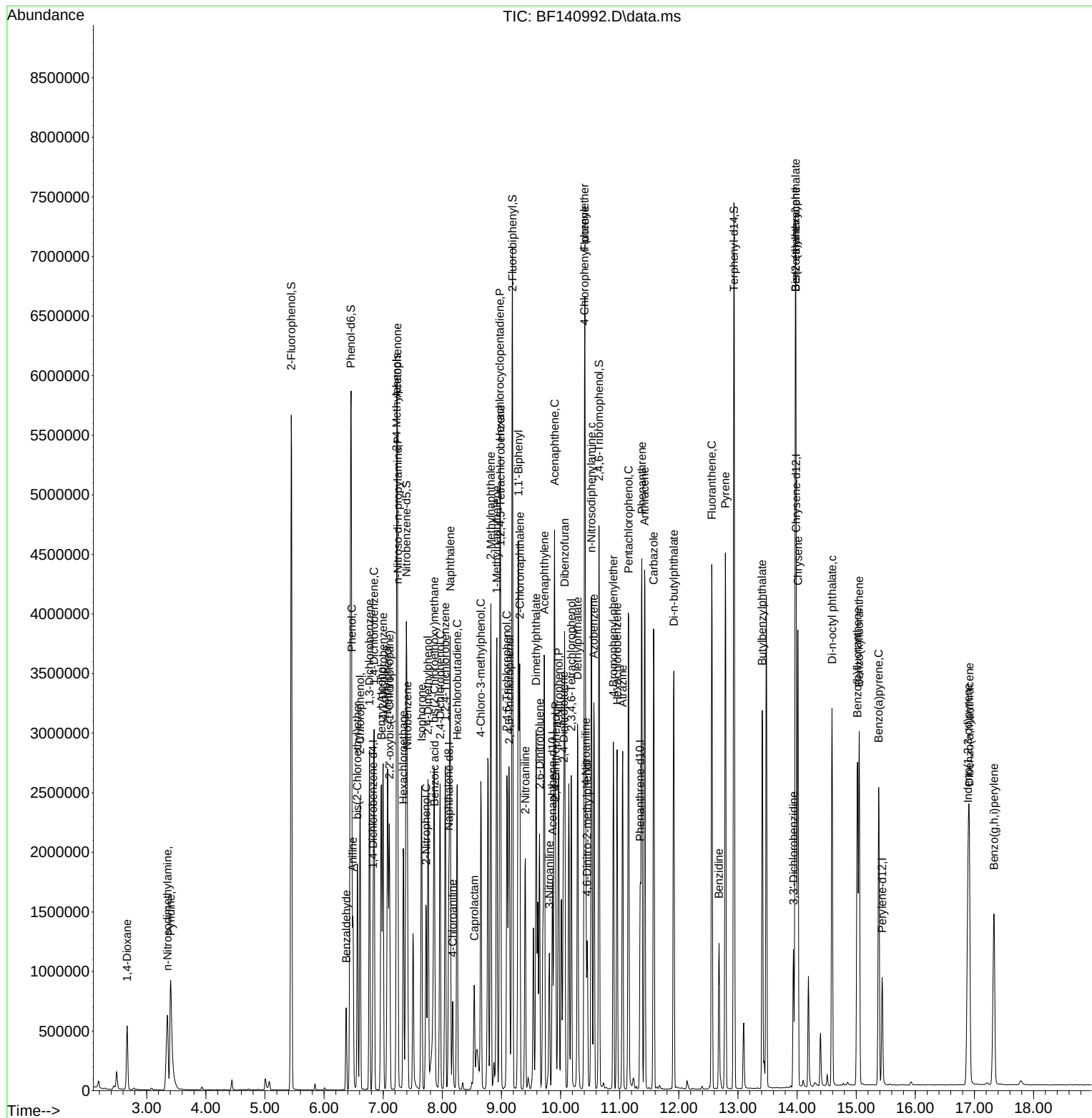
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\  
Data File : BF140992.D  
Acq On    : 27 Dec 2024 13:07  
Operator  : RC/JU  
Sample    : PB165845BS  
Misc      :  
ALS Vial  : 13    Sample Multiplier: 1
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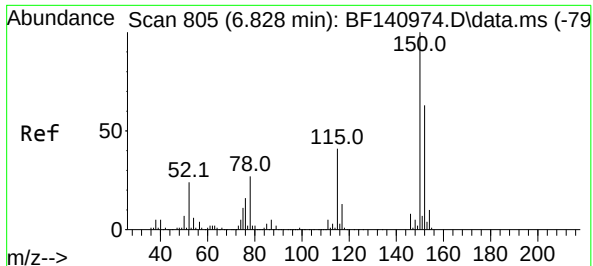
Instrument :
BNA_F
ClientSampleId :
PB165845BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 27 13:39:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:31:16 2024
Response via : Initial Calibration





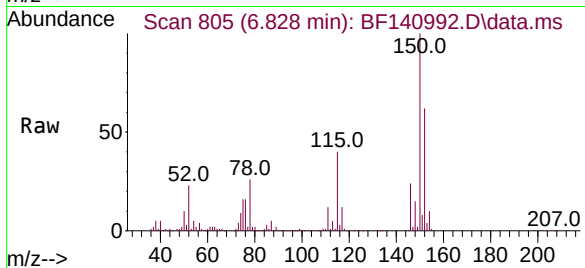
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS

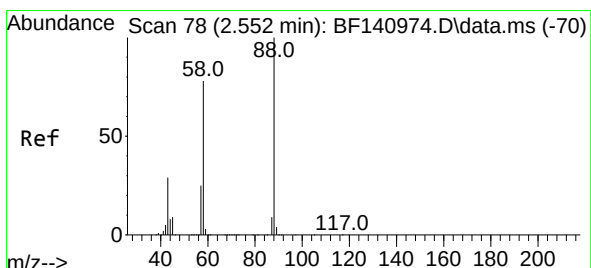
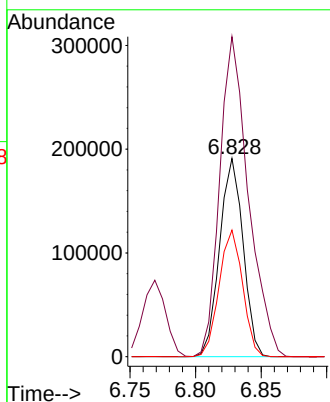
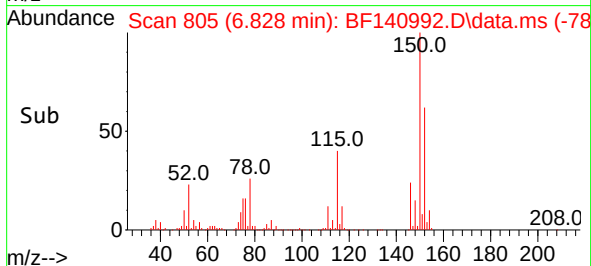


Tgt Ion:152 Resp: 237470
Ion Ratio Lower Upper
152 100
150 161.4 127.0 190.6
115 63.8 51.7 77.5

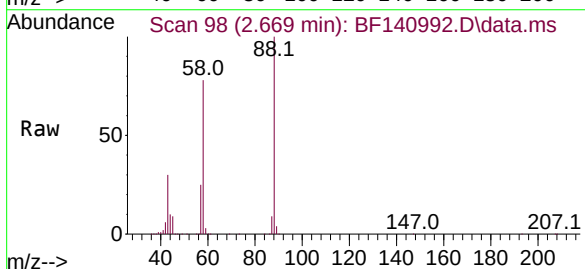
Manual Integrations

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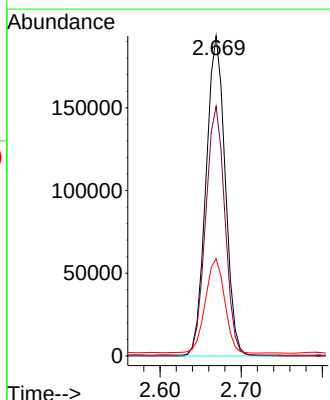
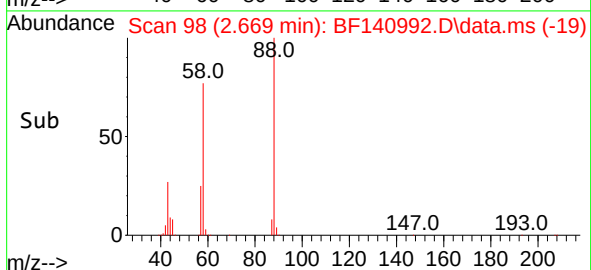
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

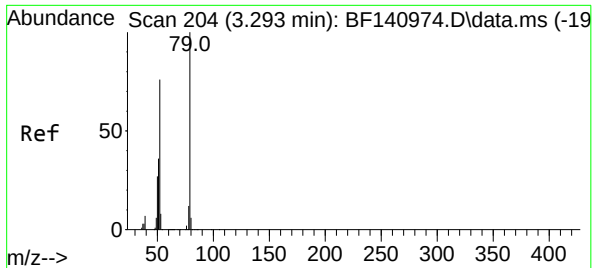


#2
1,4-Dioxane
Concen: 44.410 ng
RT: 2.669 min Scan# 98
Delta R.T. 0.118 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07



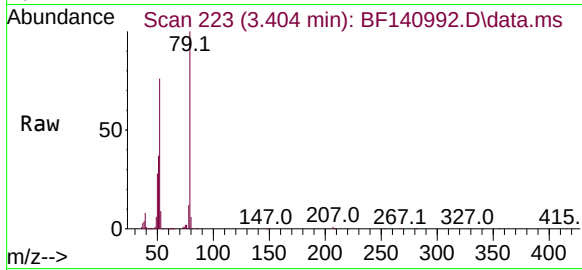
Tgt Ion: 88 Resp: 316751
Ion Ratio Lower Upper
88 100
58 78.0 63.0 94.4
43 29.8 23.4 35.2





#3
Pyridine
Concen: 47.859 ng
RT: 3.404 min Scan# 214
Delta R.T. 0.112 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

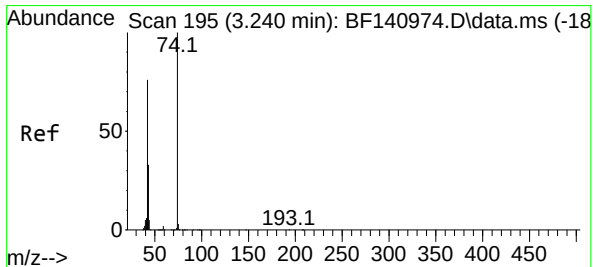
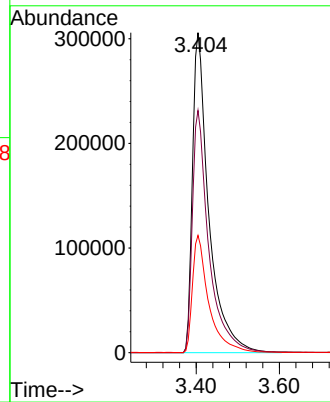
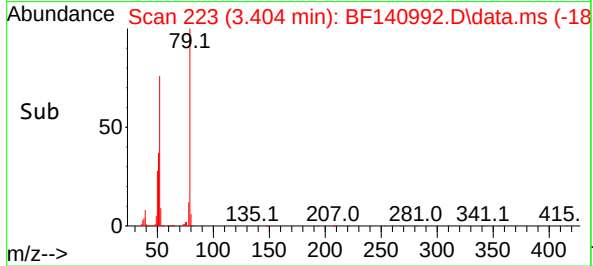
Instrument :
BNA_F
ClientSampleId :
PB165845BS



Tgt Ion: 79 Resp: 834212
Ion Ratio Lower Upper
79 100
52 75.7 60.4 90.6
51 36.7 28.8 43.2

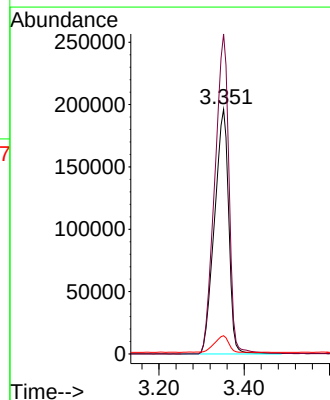
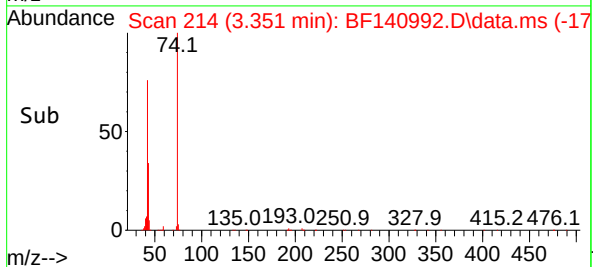
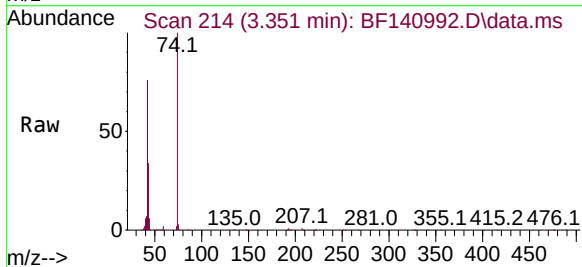
Manual Integrations
APPROVED

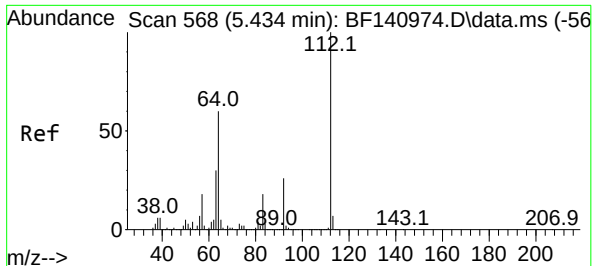
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#4
n-Nitrosodimethylamine
Concen: 51.420 ng
RT: 3.351 min Scan# 214
Delta R.T. 0.112 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

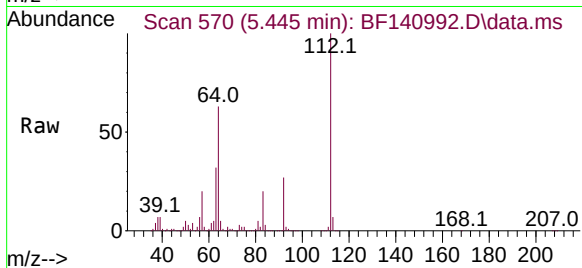
Tgt Ion: 42 Resp: 454126
Ion Ratio Lower Upper
42 100
74 130.8 105.8 158.6
44 7.4 6.6 10.0





#5
2-Fluorophenol
Concen: 147.674 ng
RT: 5.445 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

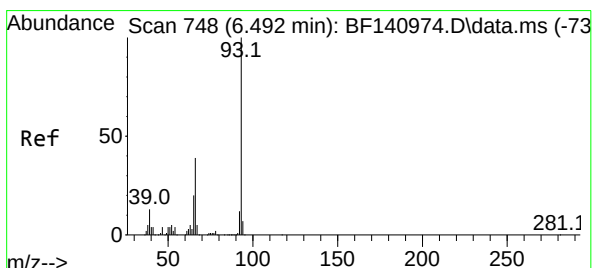
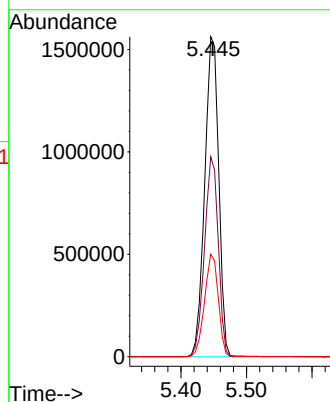
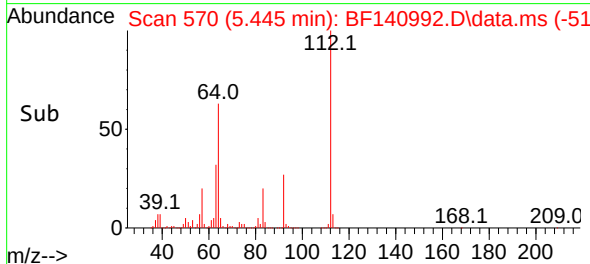
Instrument :
BNA_F
ClientSampleId :
PB165845BS



Tgt Ion: 112 Resp: 2326498
Ion Ratio Lower Upper
112 100
64 62.5 47.7 71.5
63 32.1 24.2 36.2

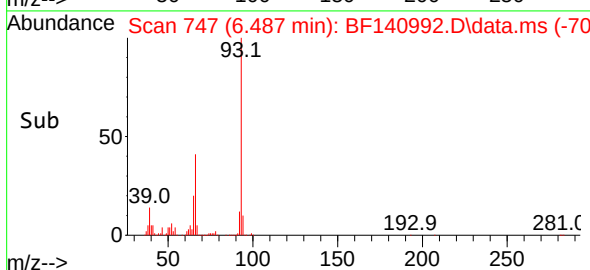
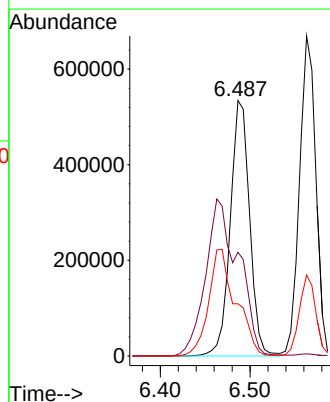
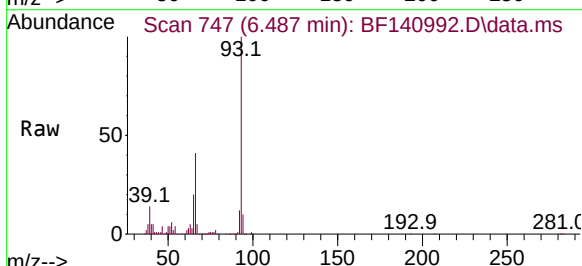
Manual Integrations
APPROVED

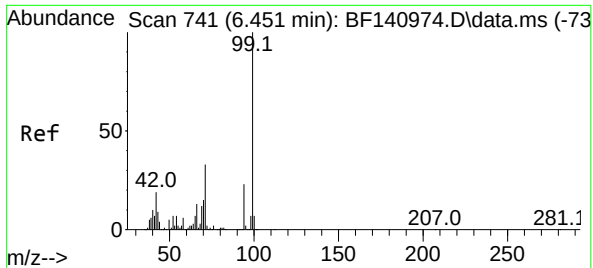
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#6
Aniline
Concen: 44.188 ng
RT: 6.487 min Scan# 747
Delta R.T. -0.024 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

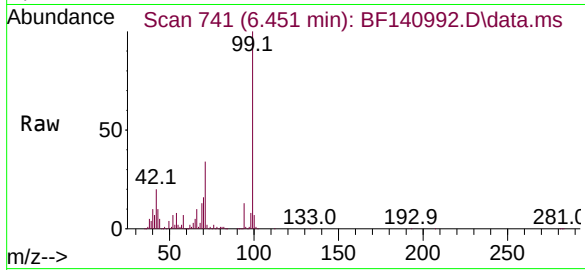
Tgt Ion: 93 Resp: 799813
Ion Ratio Lower Upper
93 100
66 40.6 31.8 47.8
65 20.4 15.4 23.0





#7
Phenol-d6
Concen: 147.452 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

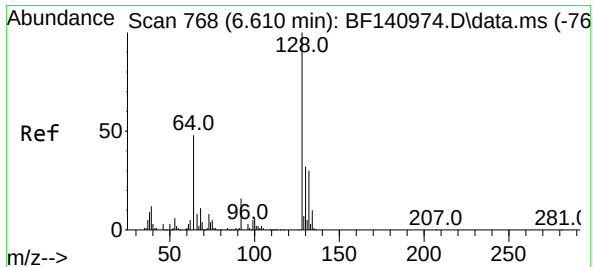
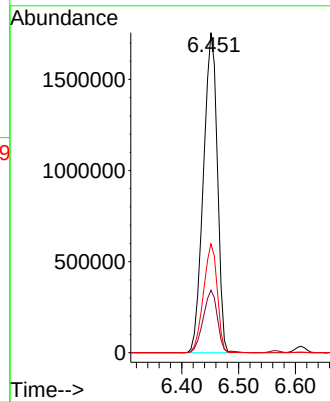
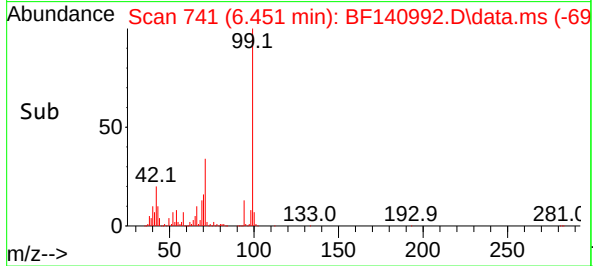
Instrument :
BNA_F
ClientSampleId :
PB165845BS



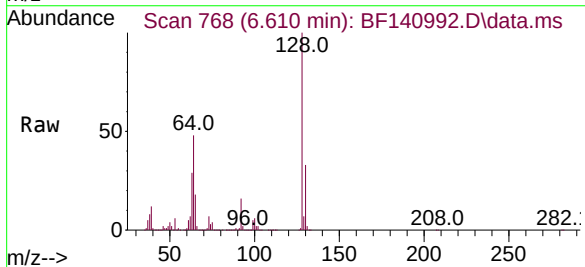
Tgt Ion: 99 Resp: 2992510
Ion Ratio Lower Upper
99 100
42 19.5 15.0 22.4
71 34.0 26.2 39.2

Manual Integrations
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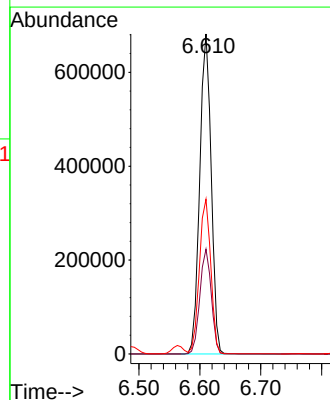
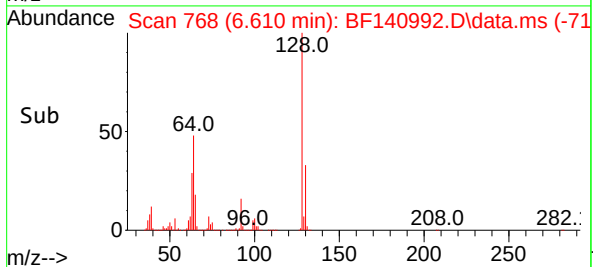
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

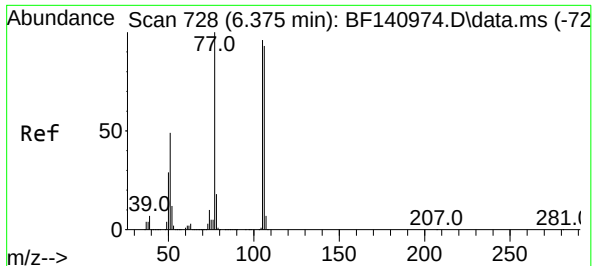


#8
2-Chlorophenol
Concen: 53.514 ng
RT: 6.610 min Scan# 768
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07



Tgt Ion:128 Resp: 888865
Ion Ratio Lower Upper
128 100
130 32.7 12.2 52.2
64 48.4 30.3 70.3





#9

Benzaldehyde

Concen: 12.365 ng

RT: 6.375 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140992.D

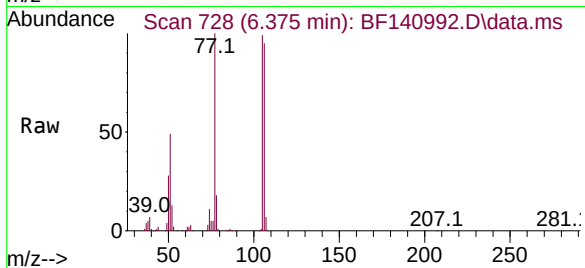
Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS



Tgt Ion: 77 Resp: 17940

Ion Ratio Lower Upper

77 100

105 98.6 76.2 116.2

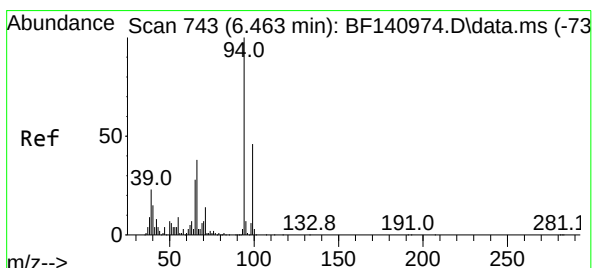
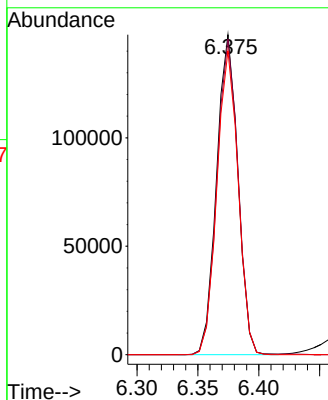
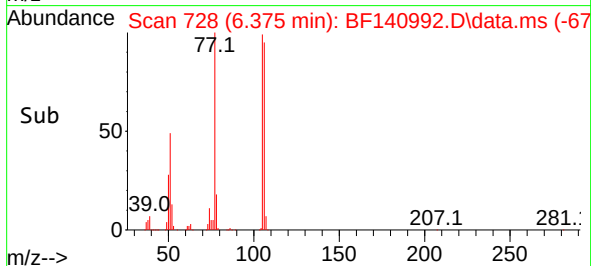
106 94.9 73.4 113.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#10

Phenol

Concen: 52.466 ng

RT: 6.469 min Scan# 744

Delta R.T. 0.006 min

Lab File: BF140992.D

Acq: 27 Dec 2024 13:07

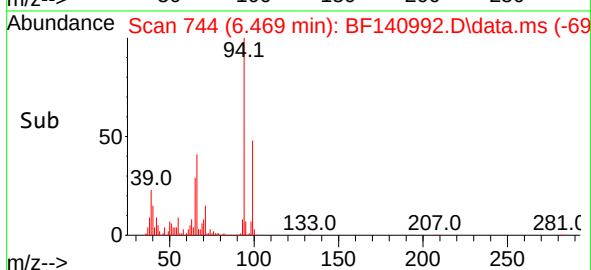
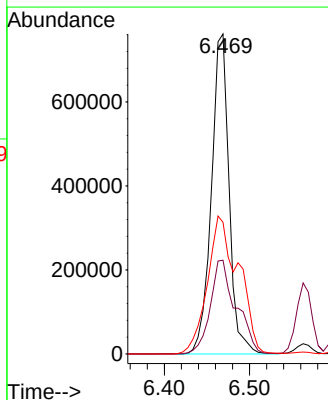
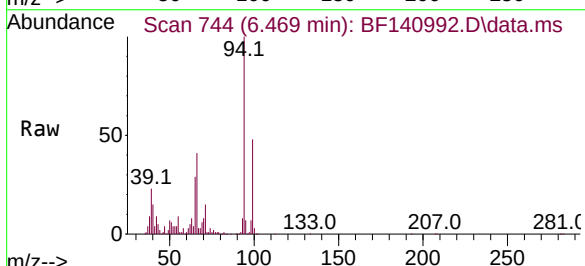
Tgt Ion: 94 Resp: 1101010

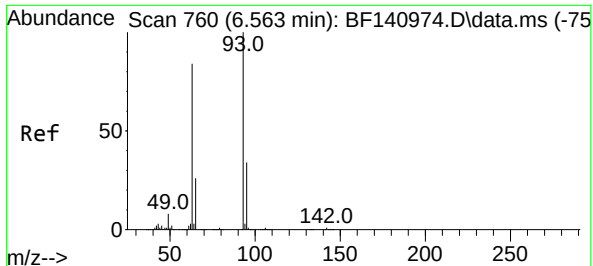
Ion Ratio Lower Upper

94 100

65 29.3 8.1 48.1

66 41.2 18.7 58.7





#11

bis(2-Chloroethyl)ether

Concen: 49.247 ng

RT: 6.563 min Scan# 760

Delta R.T. -0.000 min

Lab File: BF140992.D

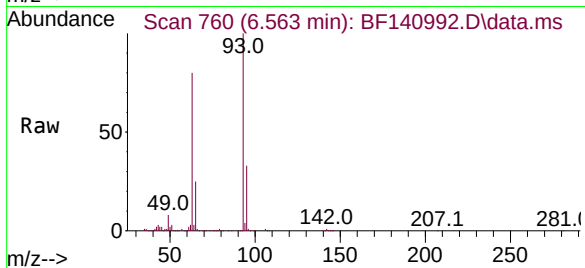
Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS



Tgt Ion: 93 Resp: 83445

Ion Ratio Lower Upper

93 100

63 80.4 60.3 100.3

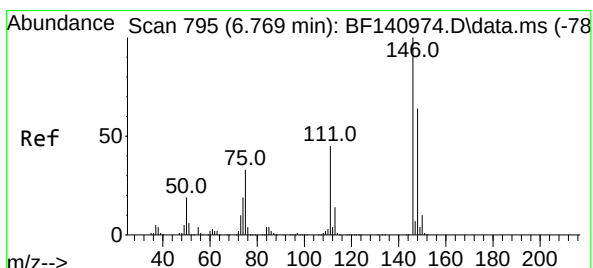
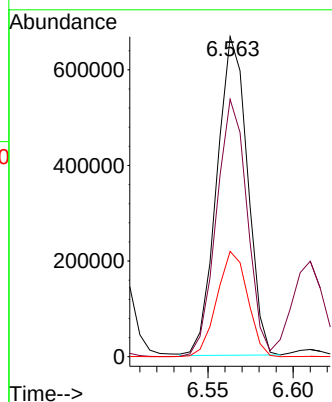
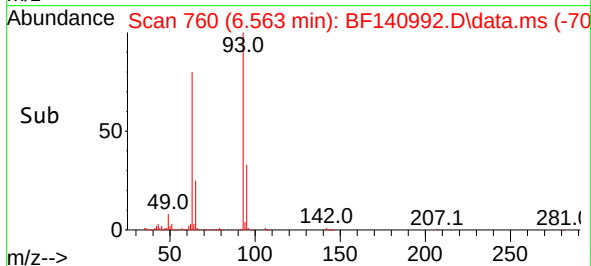
95 32.9 12.2 52.2

Manual Integrations

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Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#12

1,3-Dichlorobenzene

Concen: 48.502 ng

RT: 6.769 min Scan# 795

Delta R.T. -0.000 min

Lab File: BF140992.D

Acq: 27 Dec 2024 13:07

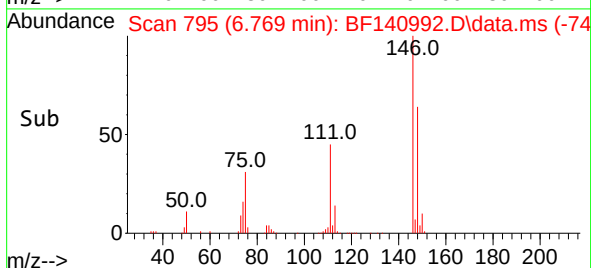
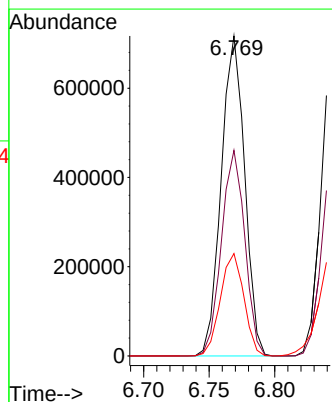
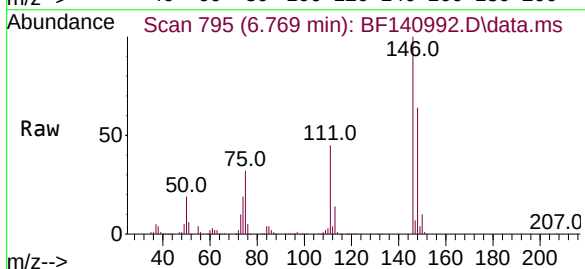
Tgt Ion:146 Resp: 889074

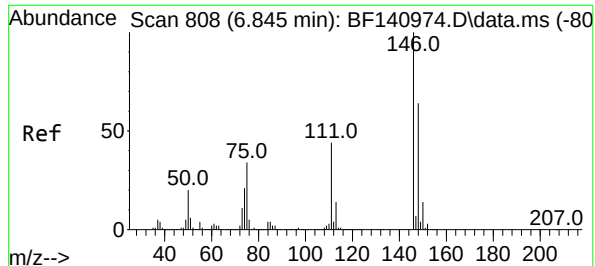
Ion Ratio Lower Upper

146 100

148 64.2 51.0 76.4

75 32.0 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 48.823 ng

RT: 6.845 min Scan# 808

Delta R.T. -0.000 min

Lab File: BF140992.D

Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS

Tgt Ion:146 Resp: 902208

Ion Ratio Lower Upper

146 100

148 64.2 51.3 76.9

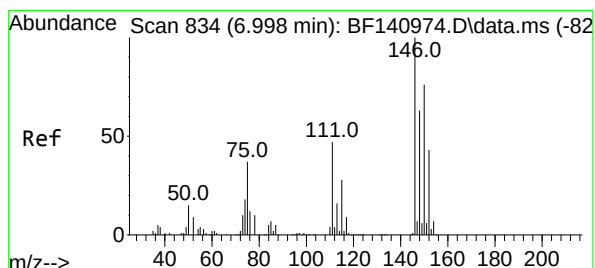
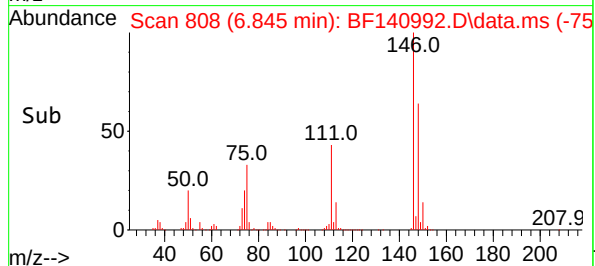
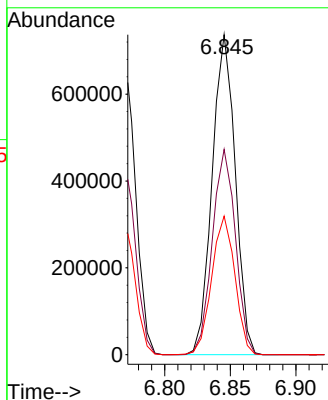
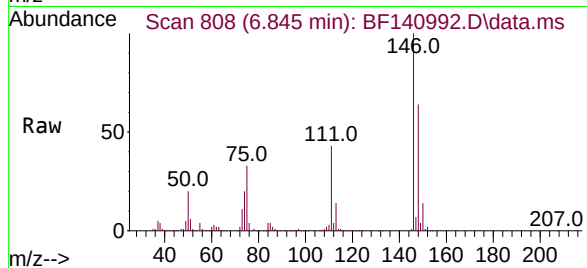
111 43.3 35.3 52.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#14

1,2-Dichlorobenzene

Concen: 50.125 ng

RT: 6.998 min Scan# 834

Delta R.T. -0.000 min

Lab File: BF140992.D

Acq: 27 Dec 2024 13:07

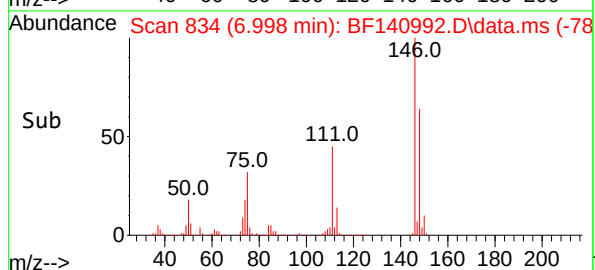
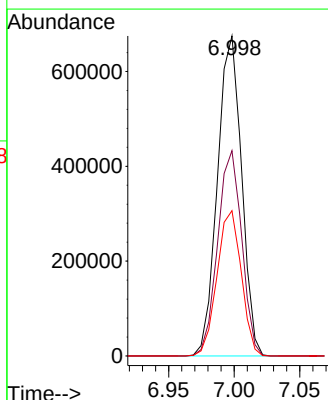
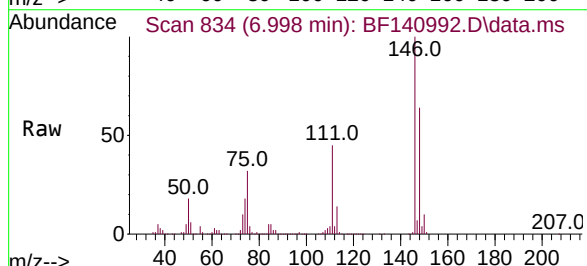
Tgt Ion:146 Resp: 863622

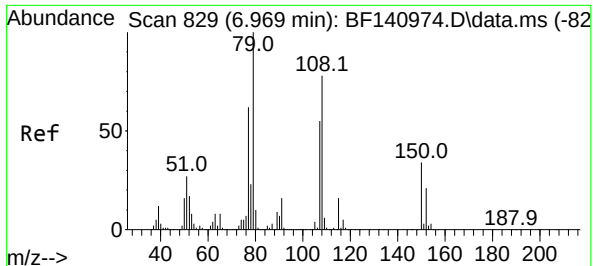
Ion Ratio Lower Upper

146 100

148 64.2 50.6 76.0

111 45.4 37.3 55.9





#15

Benzyl Alcohol

Concen: 52.025 ng

RT: 6.969 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF140992.D

Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS

Tgt Ion: 79 Resp: 758724

Ion Ratio Lower Upper

79 100

108 79.0 62.5 93.7

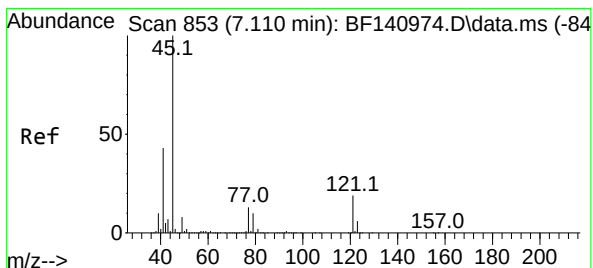
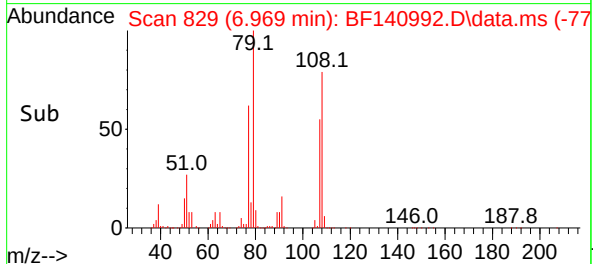
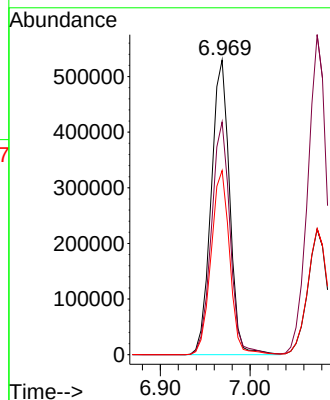
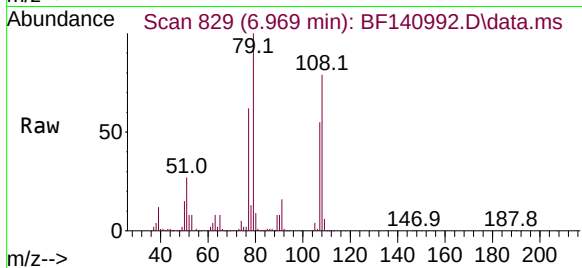
77 62.5 49.3 73.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#16

2,2'-oxybis(1-Chloropropane)

Concen: 52.404 ng

RT: 7.104 min Scan# 852

Delta R.T. -0.006 min

Lab File: BF140992.D

Acq: 27 Dec 2024 13:07

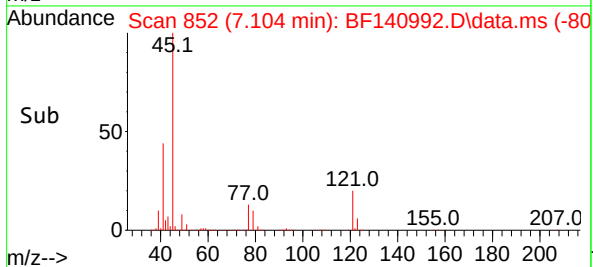
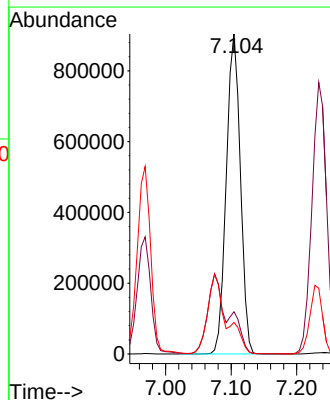
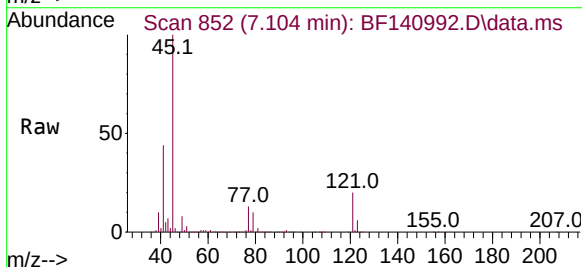
Tgt Ion: 45 Resp: 1342841

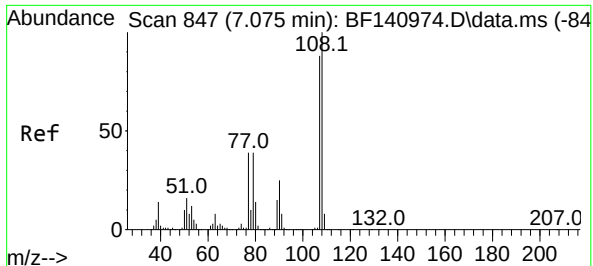
Ion Ratio Lower Upper

45 100

77 13.2 0.0 33.1

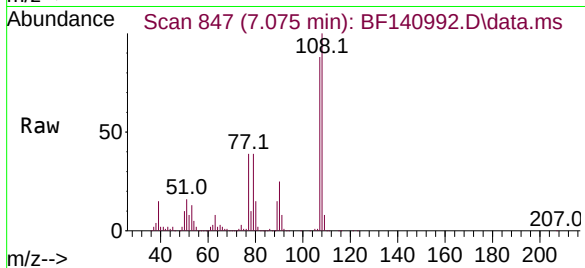
79 9.9 0.0 30.1





#17
2-Methylphenol
Concen: 52.191 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

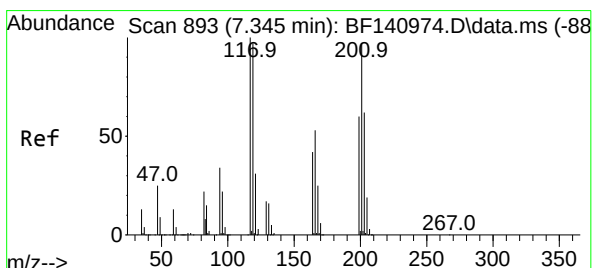
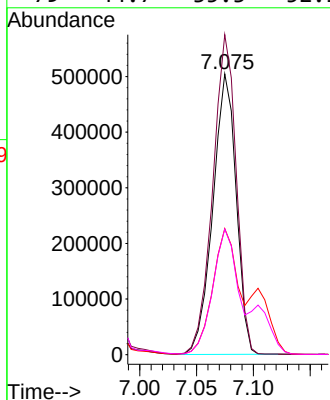
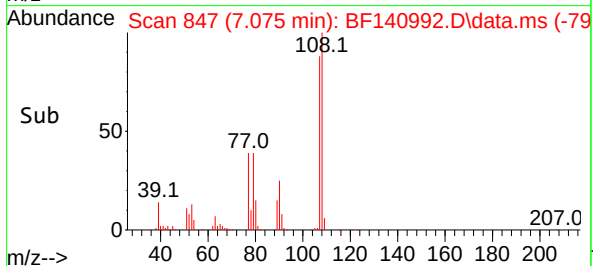
Instrument :
BNA_F
ClientSampleId :
PB165845BS



Tgt Ion:107 Resp: 72018
Ion Ratio Lower Upper
107 100
108 114.0 90.6 136.0
77 44.9 35.3 52.9
79 44.7 35.3 52.9

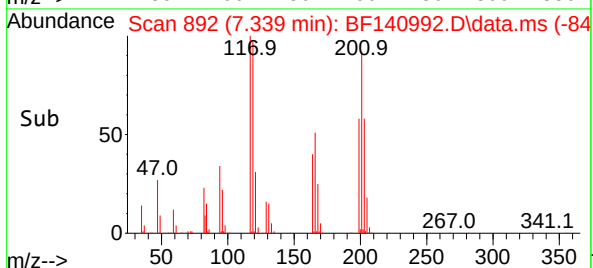
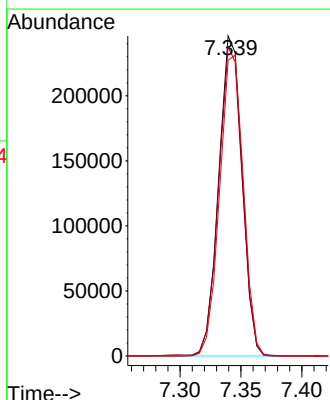
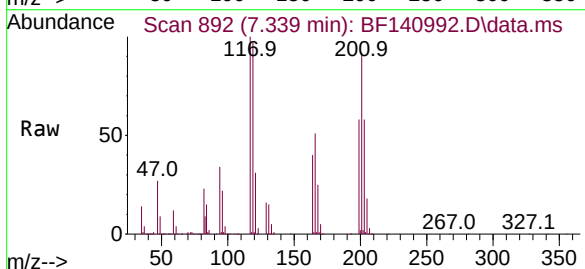
Manual Integrations
APPROVED

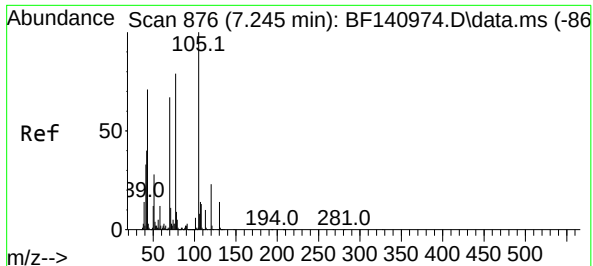
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#18
Hexachloroethane
Concen: 50.072 ng
RT: 7.339 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Tgt Ion:117 Resp: 328695
Ion Ratio Lower Upper
117 100
119 96.7 77.5 116.3
201 92.4 77.4 116.2





#19

n-Nitroso-di-n-propylamine

Concen: 50.581 ng

RT: 7.245 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF140992.D

Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS

Tgt Ion: 70 Resp: 62888

Ion Ratio Lower Upper

70 100

42 59.4 48.1 72.1

101 9.8 7.6 11.4

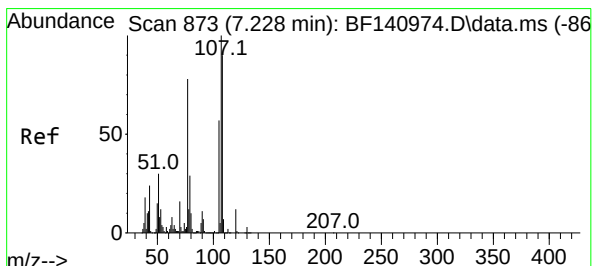
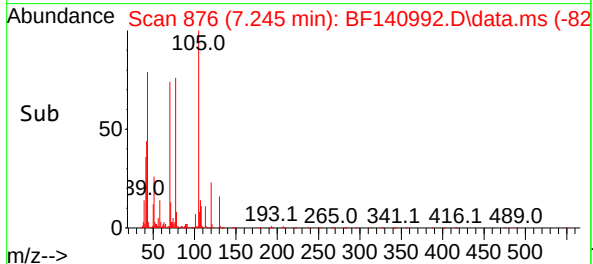
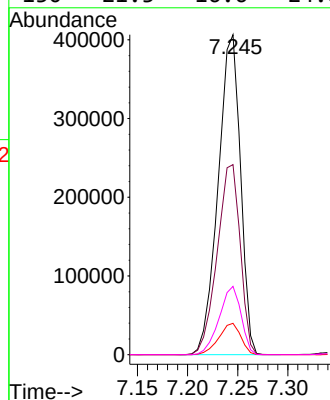
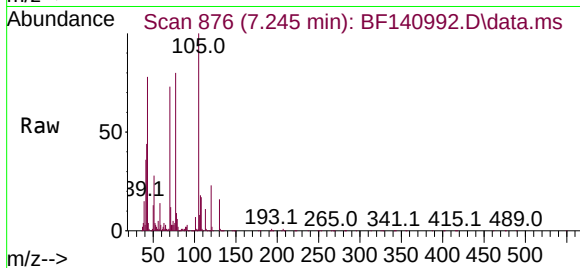
130 21.3 16.6 24.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#20

3+4-Methylphenols

Concen: 50.848 ng

RT: 7.228 min Scan# 873

Delta R.T. -0.000 min

Lab File: BF140992.D

Acq: 27 Dec 2024 13:07

Tgt Ion:107 Resp: 887918

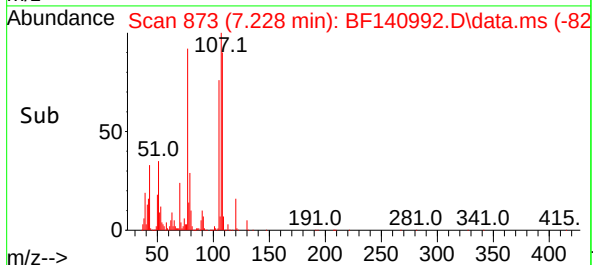
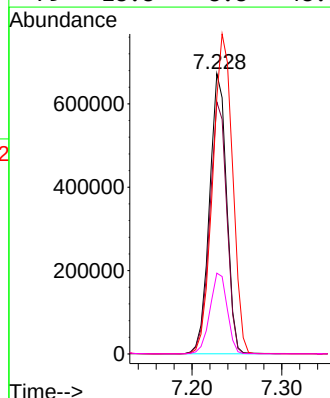
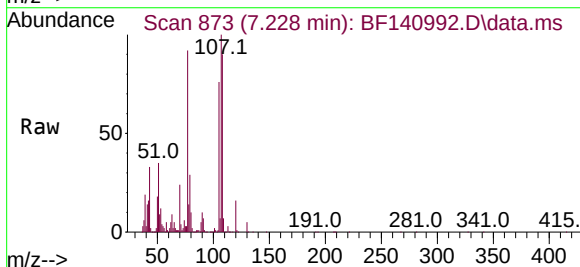
Ion Ratio Lower Upper

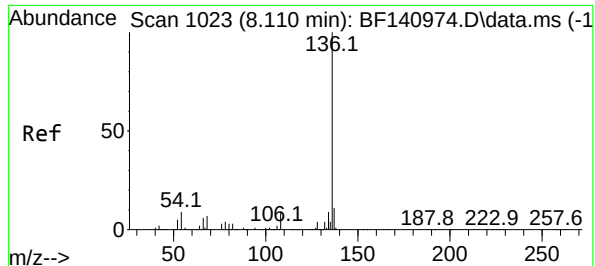
107 100

108 89.9 69.6 109.6

77 91.6 57.6 97.6

79 28.8 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.000 min

Lab File: BF140992.D

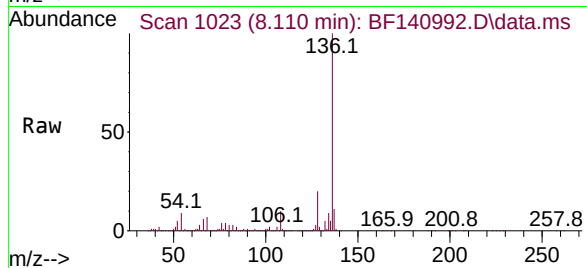
Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS



Tgt Ion:136 Resp: 956660

Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 9.1 7.6 11.4

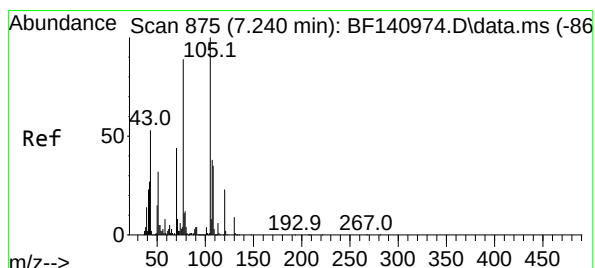
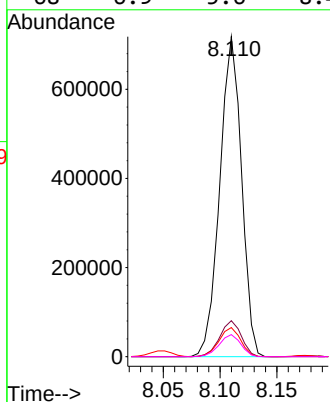
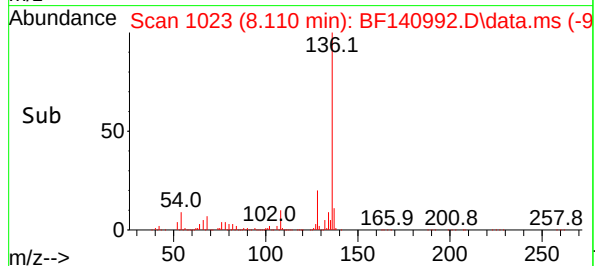
68 6.9 5.6 8.4

Manual Integrations

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Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#22

Acetophenone

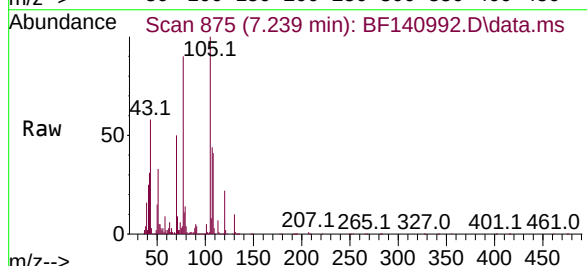
Concen: 49.617 ng

RT: 7.239 min Scan# 875

Delta R.T. -0.000 min

Lab File: BF140992.D

Acq: 27 Dec 2024 13:07



Tgt Ion:105 Resp: 1164427

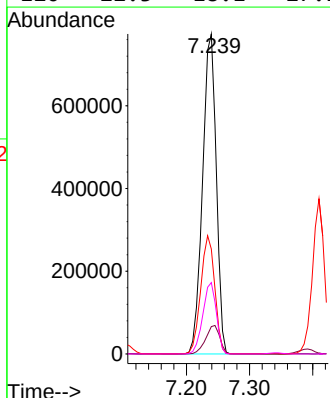
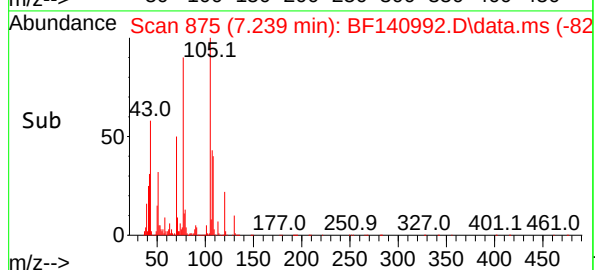
Ion Ratio Lower Upper

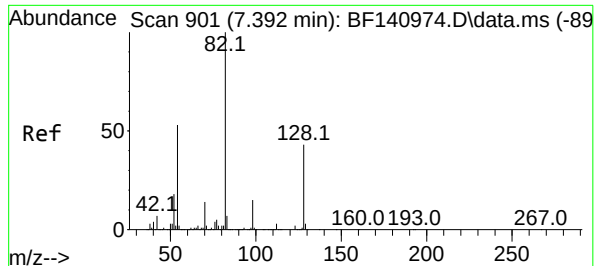
105 100

71 8.5 6.1 9.1

51 32.8 25.8 38.6

120 22.3 18.1 27.1





#23

Nitrobenzene-d5

Concen: 122.279 ng

RT: 7.392 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF140992.D

Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS

Tgt Ion: 82 Resp: 182843

Ion Ratio Lower Upper

82 100

128 44.6 34.4 51.6

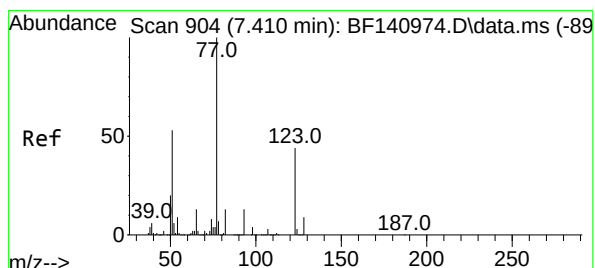
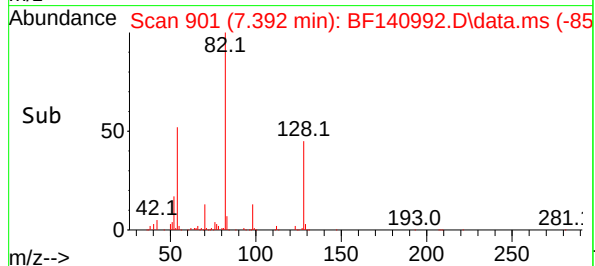
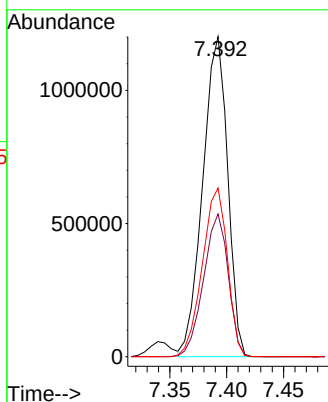
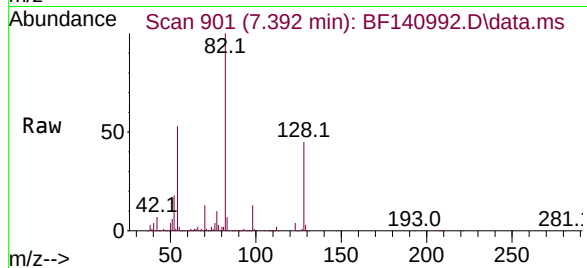
54 52.7 42.4 63.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#24

Nitrobenzene

Concen: 54.940 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.000 min

Lab File: BF140992.D

Acq: 27 Dec 2024 13:07

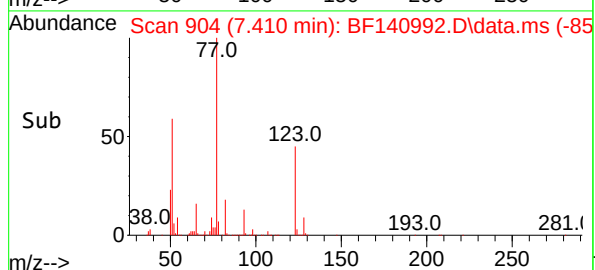
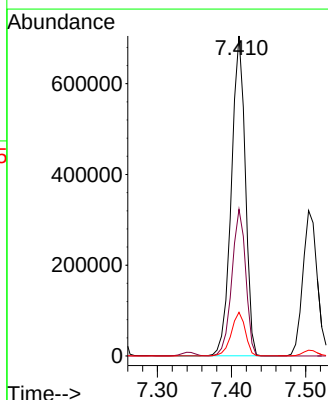
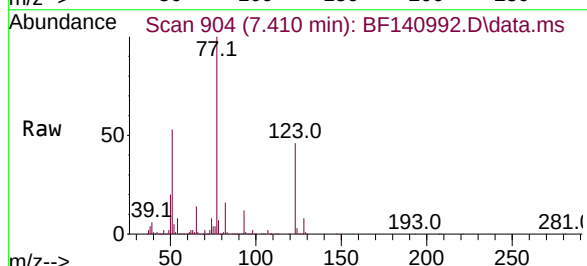
Tgt Ion: 77 Resp: 917966

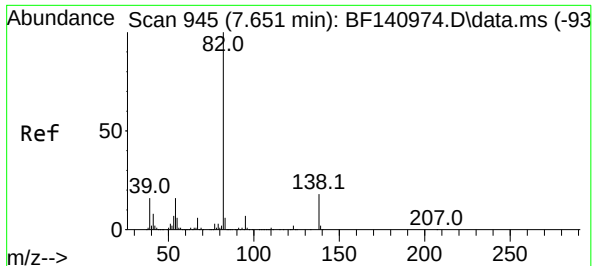
Ion Ratio Lower Upper

77 100

123 45.9 35.4 53.2

65 13.6 10.7 16.1





#25

Isophorone

Concen: 51.278 ng

RT: 7.651 min Scan# 945

Delta R.T. -0.000 min

Lab File: BF140992.D

Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS

Tgt Ion: 82 Resp: 166852

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

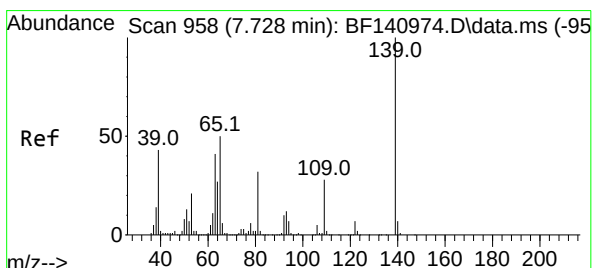
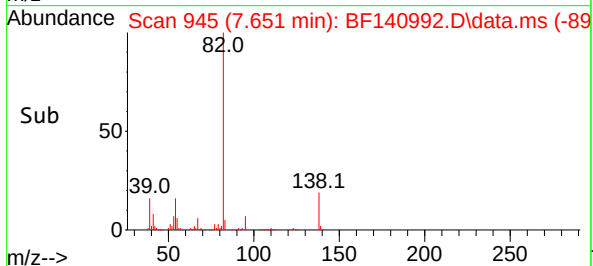
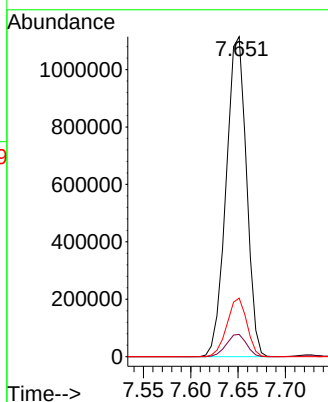
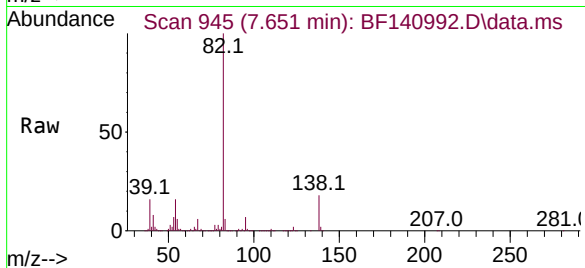
138 18.3 14.6 21.8

Manual Integrations

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Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#26

2-Nitrophenol

Concen: 57.478 ng

RT: 7.728 min Scan# 958

Delta R.T. -0.000 min

Lab File: BF140992.D

Acq: 27 Dec 2024 13:07

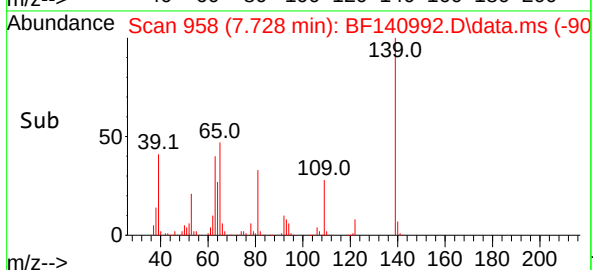
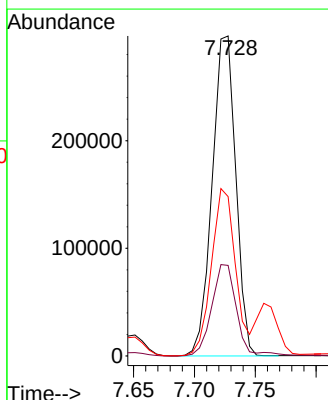
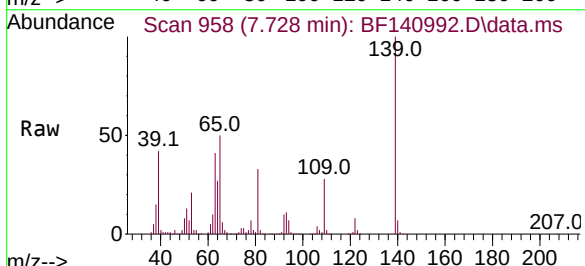
Tgt Ion:139 Resp: 401624

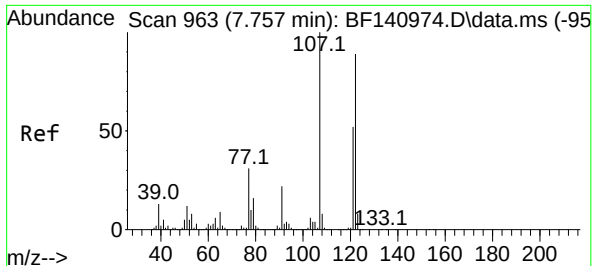
Ion Ratio Lower Upper

139 100

109 28.3 22.2 33.4

65 49.8 40.2 60.4





#27

2,4-Dimethylphenol

Concen: 60.848 ng

RT: 7.757 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF140992.D

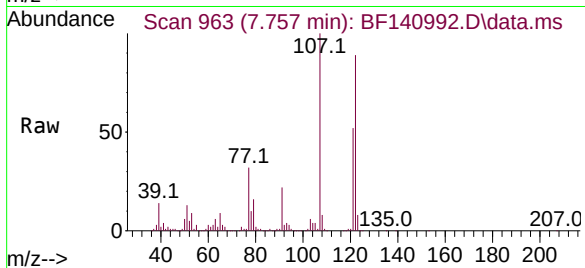
Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS



Tgt Ion:122 Resp: 72359

Ion Ratio Lower Upper

122 100

107 112.4 89.4 134.2

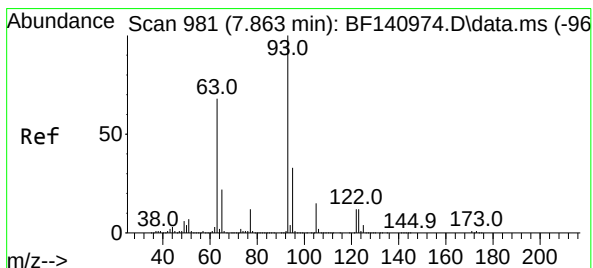
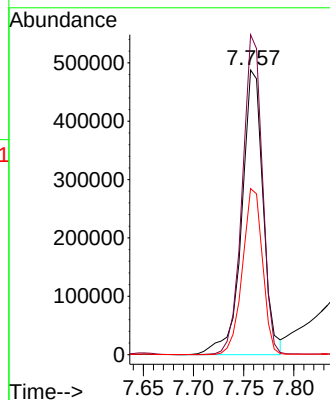
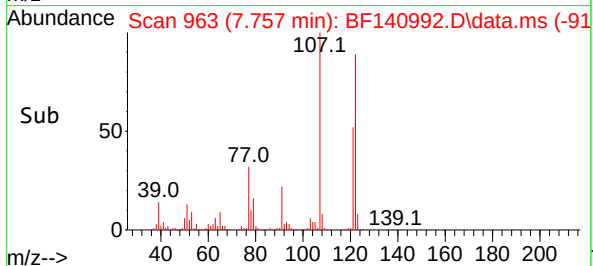
121 58.3 46.7 70.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#28

bis(2-Chloroethoxy)methane

Concen: 49.752 ng

RT: 7.863 min Scan# 981

Delta R.T. -0.000 min

Lab File: BF140992.D

Acq: 27 Dec 2024 13:07

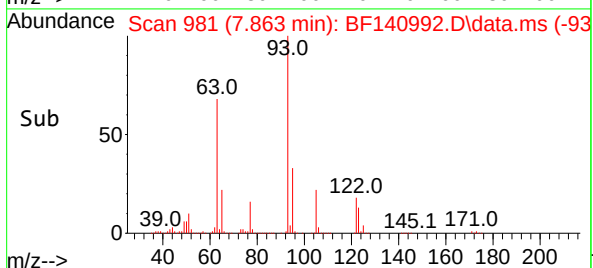
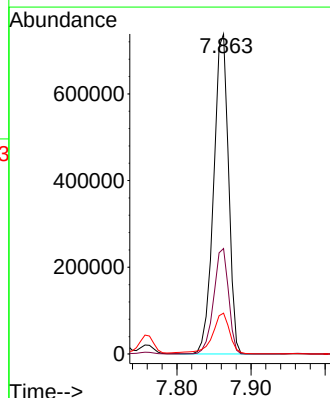
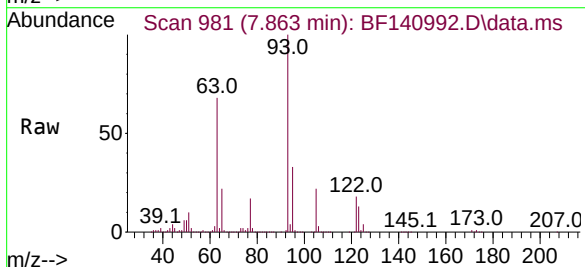
Tgt Ion: 93 Resp: 1025674

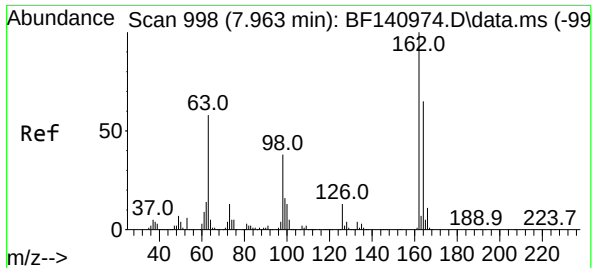
Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.4

123 12.7 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 51.691 ng

RT: 7.963 min Scan# 998

Delta R.T. -0.000 min

Lab File: BF140992.D

Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS

Tgt Ion:162 Resp: 697158

Ion Ratio Lower Upper

162 100

164 64.3 44.8 84.8

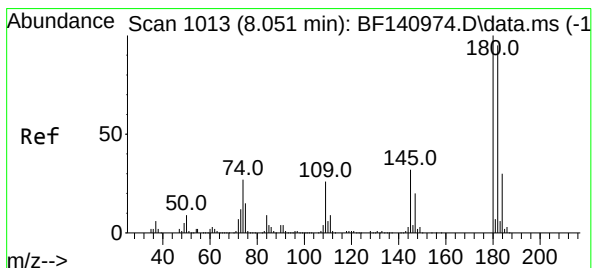
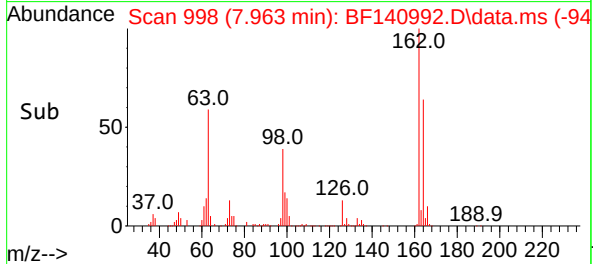
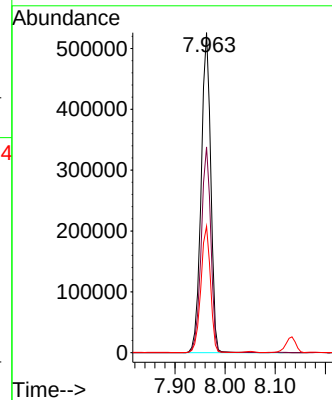
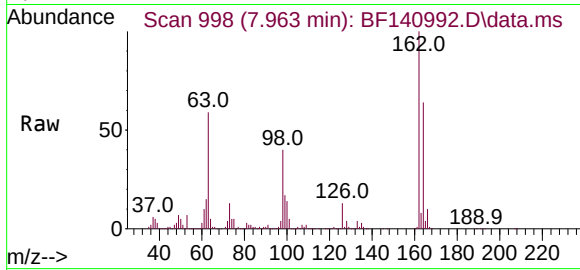
98 39.5 18.6 58.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#30

1,2,4-Trichlorobenzene

Concen: 47.814 ng

RT: 8.051 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF140992.D

Acq: 27 Dec 2024 13:07

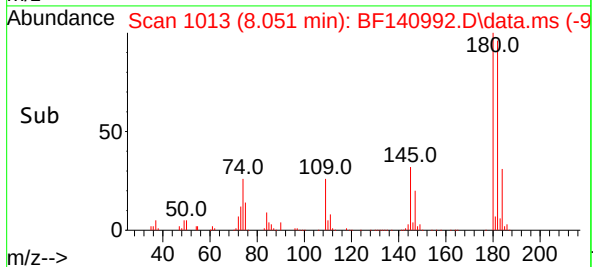
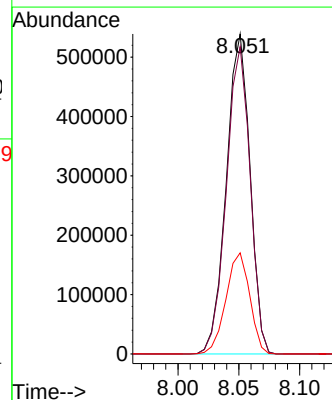
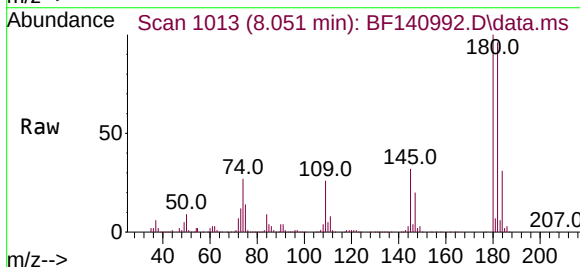
Tgt Ion:180 Resp: 729887

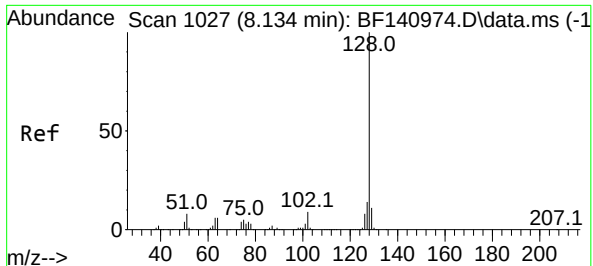
Ion Ratio Lower Upper

180 100

182 96.0 76.2 114.4

145 31.6 25.4 38.2





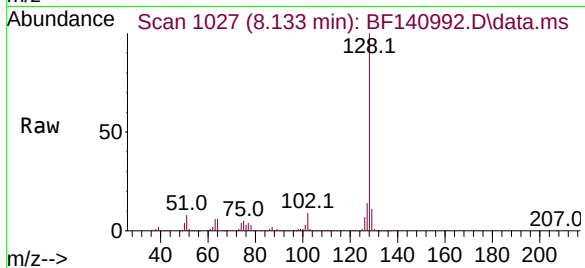
#31
Naphthalene
Concen: 49.023 ng
RT: 8.133 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS

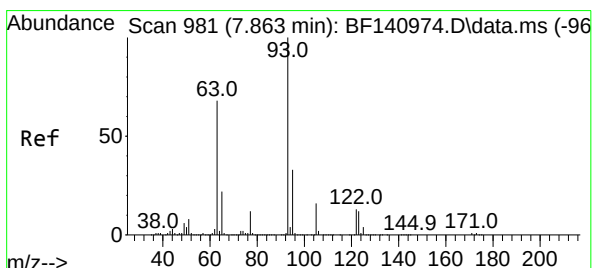
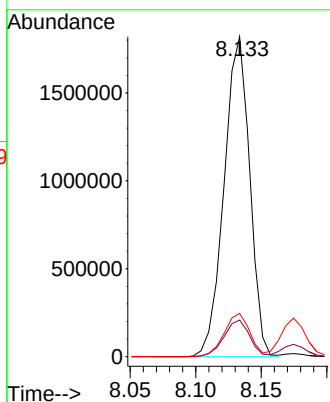
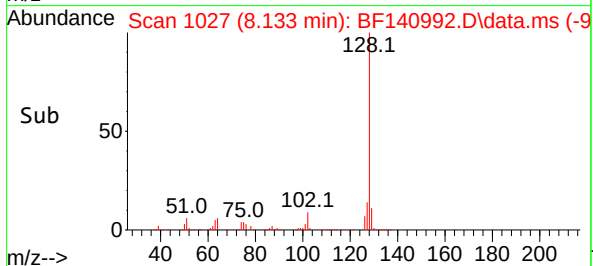


Tgt Ion:128 Resp: 247127
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.5 11.0 16.4

Manual Integrations

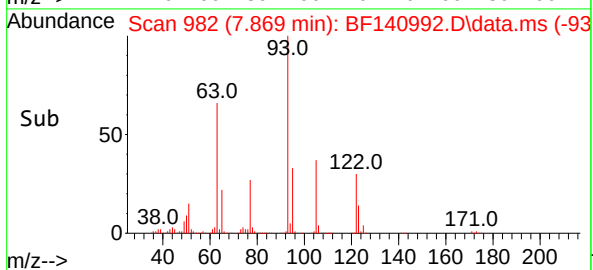
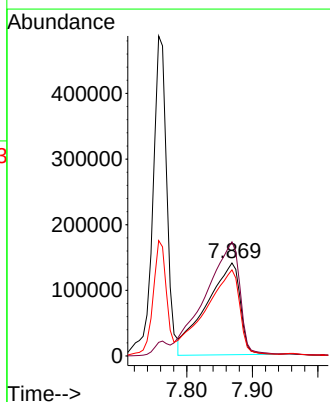
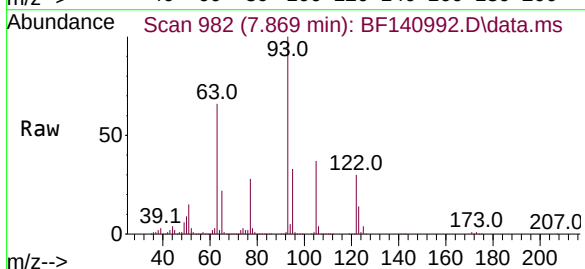
APPROVED

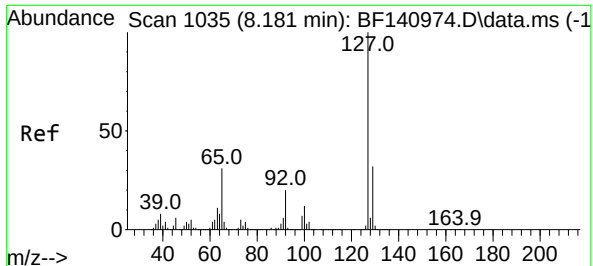
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#32
Benzoic acid
Concen: 50.862 ng
RT: 7.869 min Scan# 982
Delta R.T. 0.006 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Tgt Ion:122 Resp: 503097
Ion Ratio Lower Upper
122 100
105 122.7 105.4 145.4
77 92.7 76.4 116.4





#33

4-Chloroaniline

Concen: 16.081 ng

RT: 8.175 min Scan# 1035

Delta R.T. -0.006 min

Lab File: BF140992.D

Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS

Tgt Ion:127 Resp: 29327

Ion Ratio Lower Upper

127 100

129 32.0 26.1 39.1

65 31.6 24.6 37.0

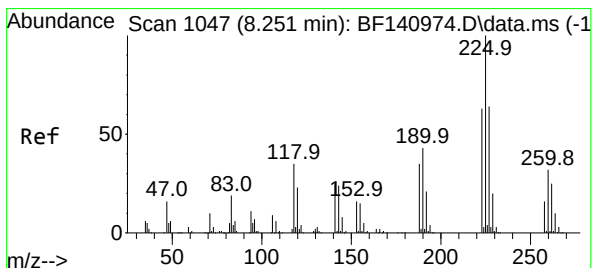
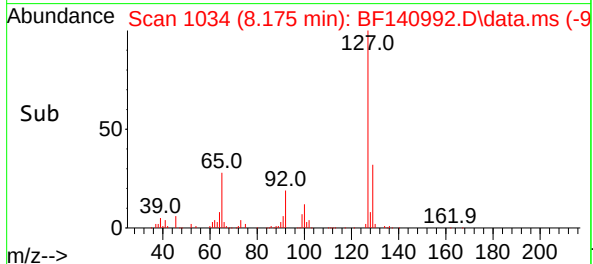
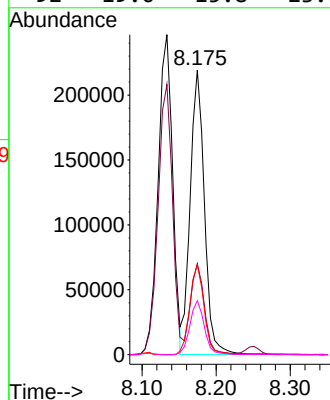
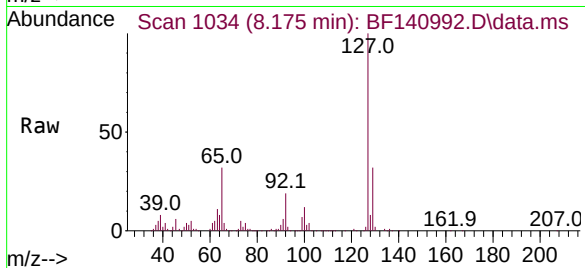
92 19.0 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#34

Hexachlorobutadiene

Concen: 47.955 ng

RT: 8.251 min Scan# 1047

Delta R.T. -0.000 min

Lab File: BF140992.D

Acq: 27 Dec 2024 13:07

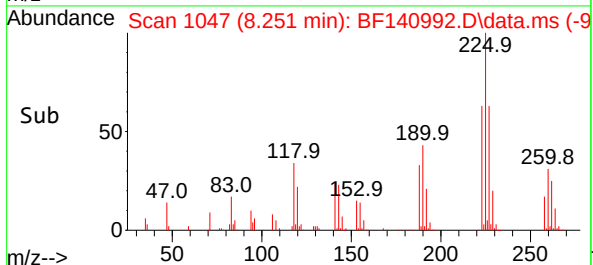
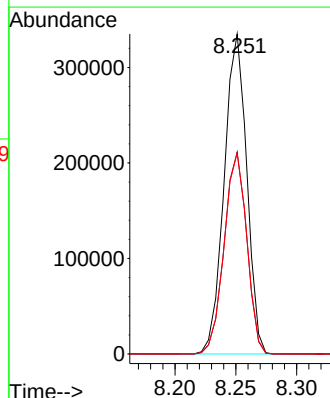
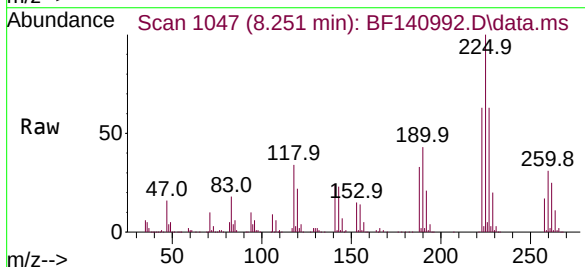
Tgt Ion:225 Resp: 431560

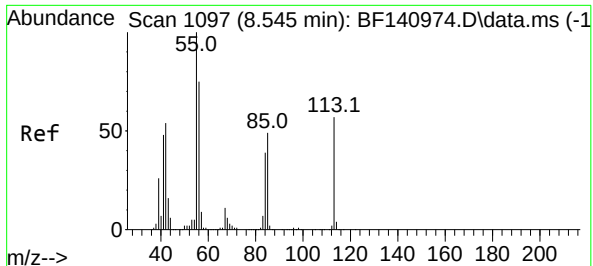
Ion Ratio Lower Upper

225 100

223 63.0 50.3 75.5

227 62.9 50.8 76.2





#35

Caprolactam

Concen: 50.835 ng m

RT: 8.539 min Scan# 1096

Delta R.T. -0.006 min

Lab File: BF140992.D

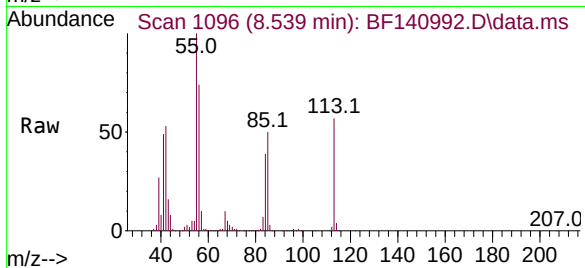
Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS



Tgt Ion:113 Resp: 233078

Ion Ratio Lower Upper

113 100

55 176.1 156.6 196.6

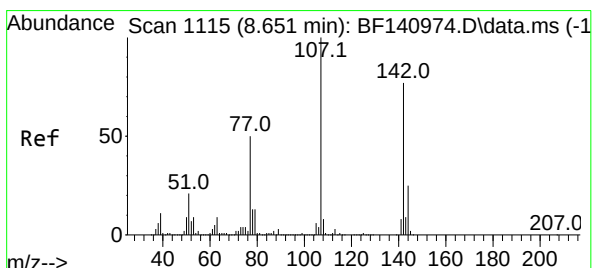
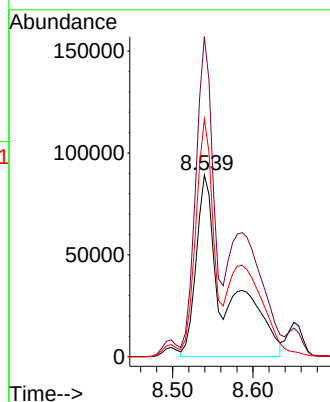
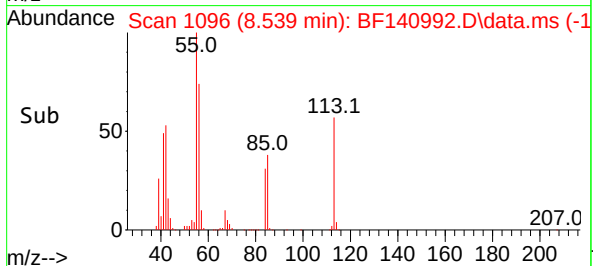
56 130.8 111.7 151.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#36

4-Chloro-3-methylphenol

Concen: 50.717 ng

RT: 8.651 min Scan# 1115

Delta R.T. -0.000 min

Lab File: BF140992.D

Acq: 27 Dec 2024 13:07

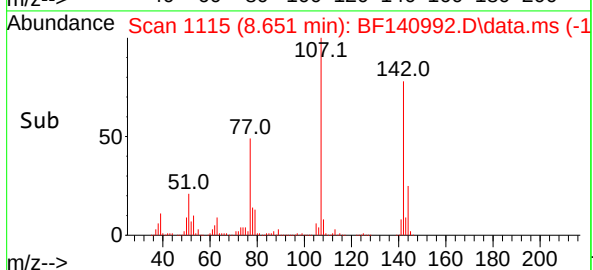
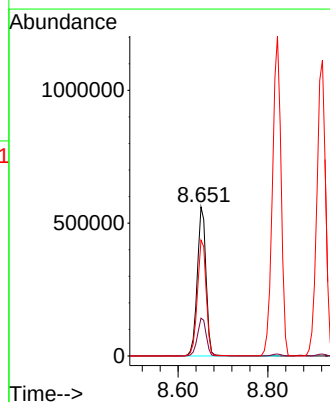
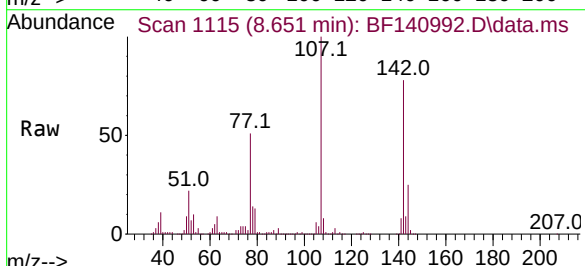
Tgt Ion:107 Resp: 759652

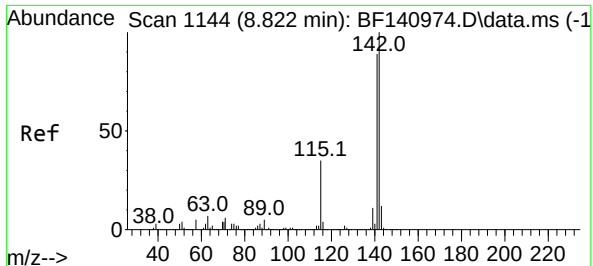
Ion Ratio Lower Upper

107 100

144 25.3 19.9 29.9

142 77.8 61.8 92.8





#37
2-Methylnaphthalene
Concen: 49.440 ng
RT: 8.822 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

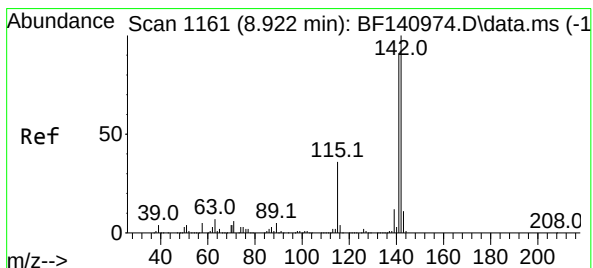
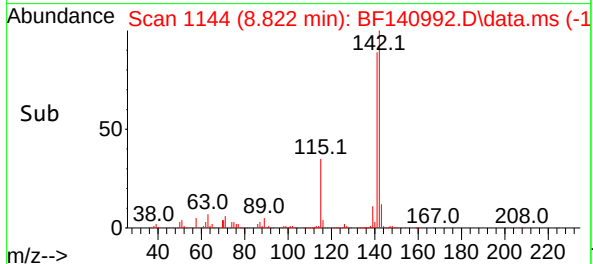
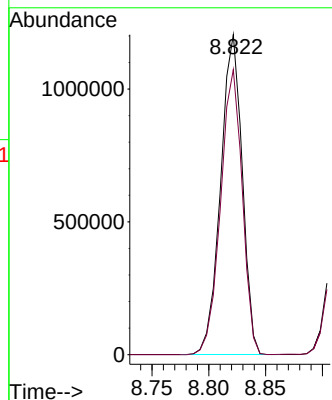
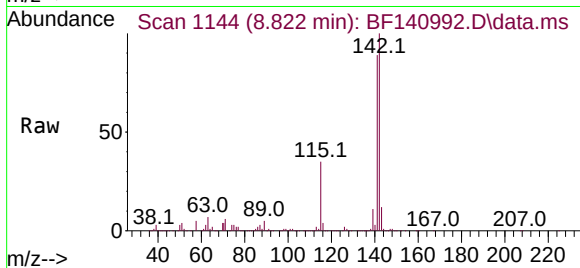
PB165845BS

Tgt Ion:142 Resp: 1594390
Ion Ratio Lower Upper
142 100
141 89.1 71.1 106.7

Manual Integrations

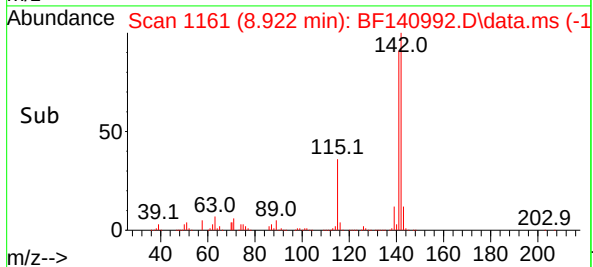
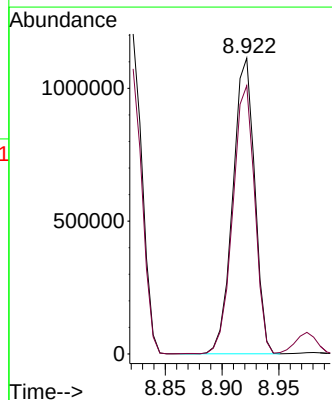
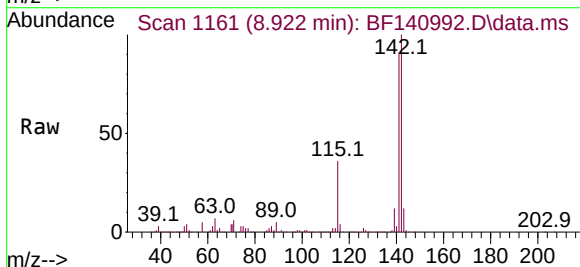
APPROVED

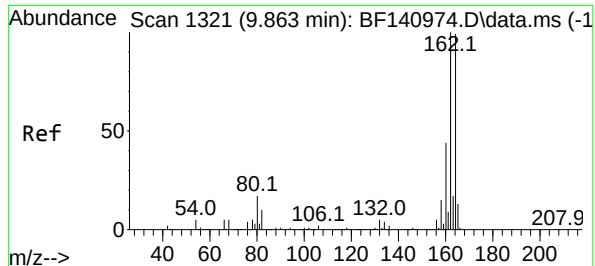
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#38
1-Methylnaphthalene
Concen: 47.176 ng
RT: 8.922 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Tgt Ion:142 Resp: 1495200
Ion Ratio Lower Upper
142 100
141 90.7 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF140992.D

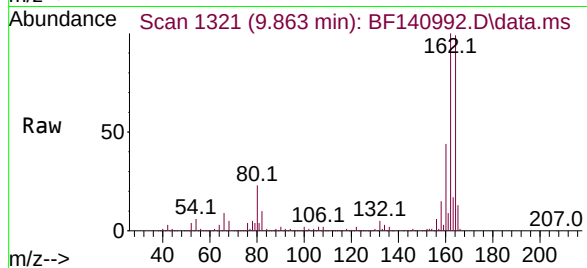
Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS



Tgt Ion:164 Resp: 50846

Ion Ratio Lower Upper

164 100

162 101.3 80.6 120.8

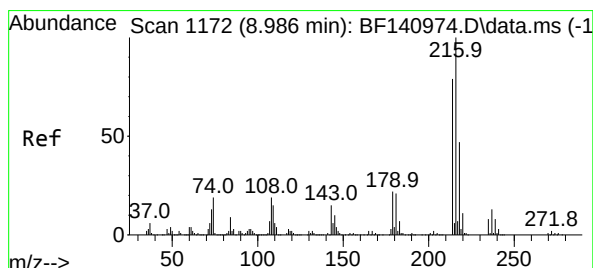
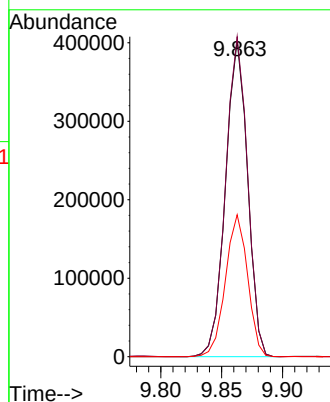
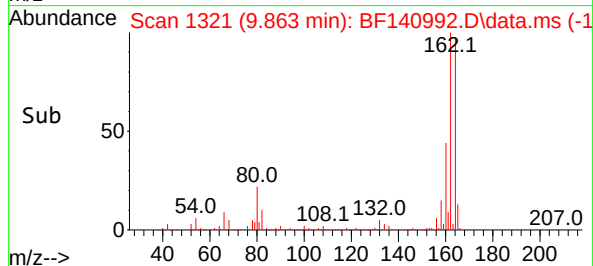
160 44.9 35.7 53.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.608 ng

RT: 8.986 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF140992.D

Acq: 27 Dec 2024 13:07

Tgt Ion:216 Resp: 693928

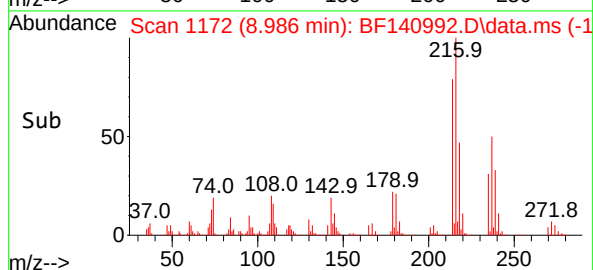
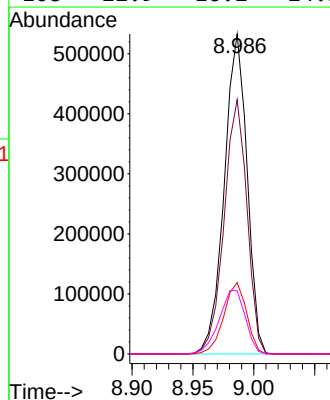
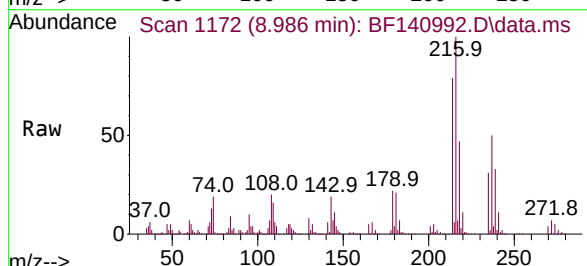
Ion Ratio Lower Upper

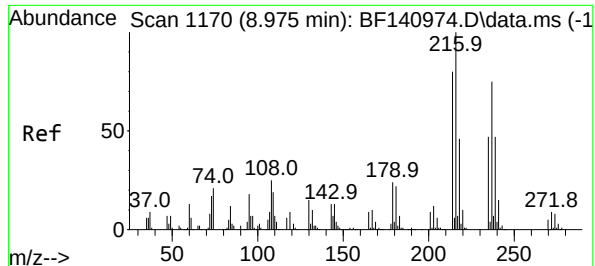
216 100

214 79.5 63.0 94.6

179 22.4 17.9 26.9

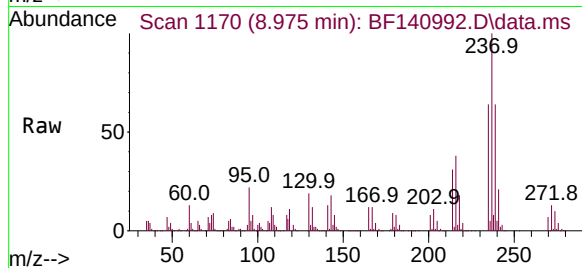
108 22.9 16.2 24.2





#41
Hexachlorocyclopentadiene
Concen: 181.861 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

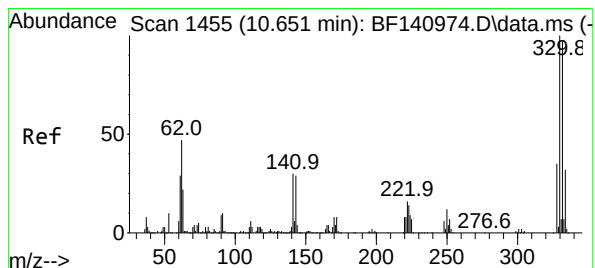
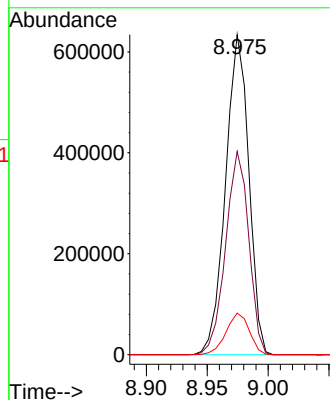
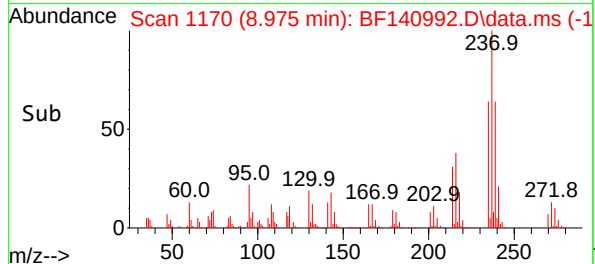
Instrument :
BNA_F
ClientSampleId :
PB165845BS



Tgt Ion: 237 Resp: 84303
Ion Ratio Lower Upper
237 100
235 63.5 43.4 83.4
272 13.0 0.0 32.6

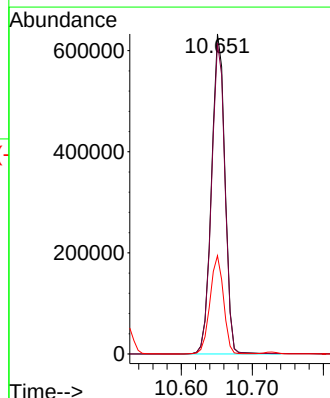
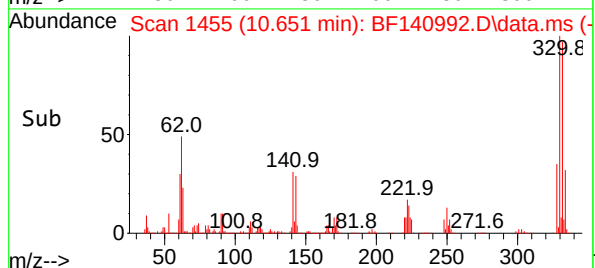
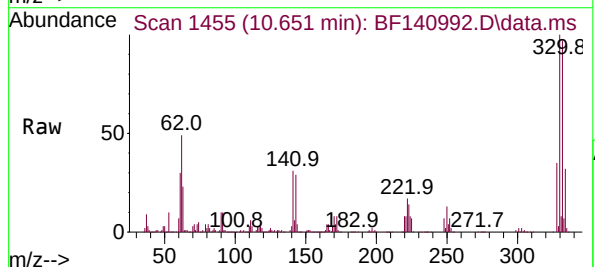
Manual Integrations
APPROVED

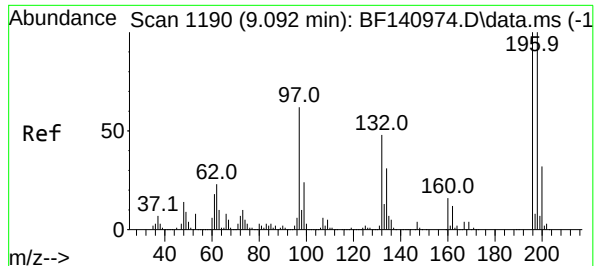
Reviewed By : Yogesh Patel 12/30/2024
Supervised By : mohammad ahmed 12/30/2024



#42
2,4,6-Tribromophenol
Concen: 168.456 ng
RT: 10.651 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Tgt Ion: 330 Resp: 832297
Ion Ratio Lower Upper
330 100
332 97.4 78.0 117.0
141 30.9 26.4 39.6





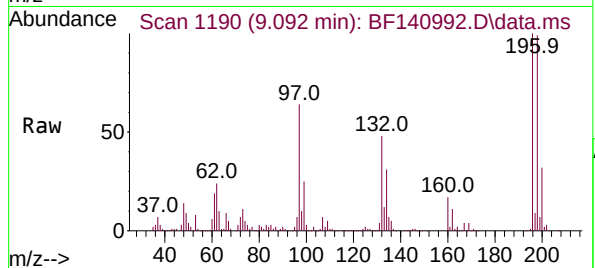
#43
2,4,6-Trichlorophenol
Concen: 55.008 ng
RT: 9.092 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS

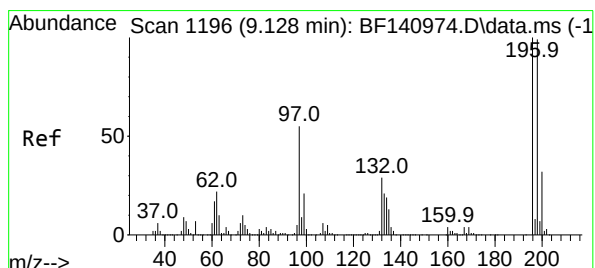
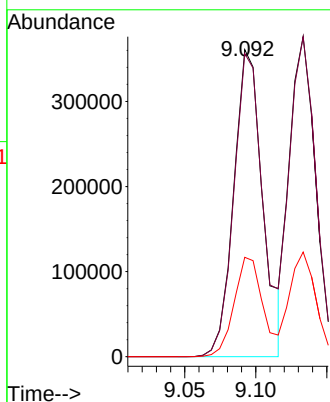
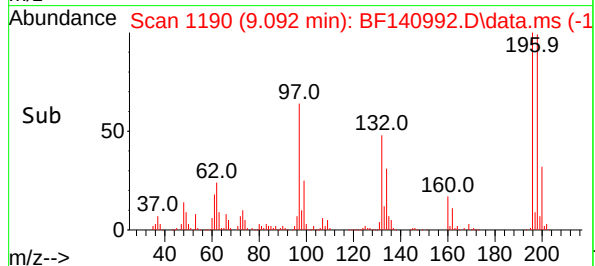


Tgt Ion:196 Resp: 51212
Ion Ratio Lower Upper
196 100
198 98.7 80.2 120.4
200 32.4 25.8 38.6

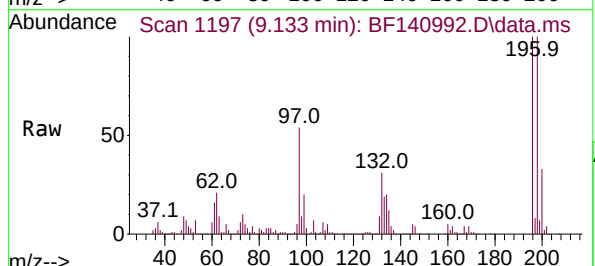
Manual Integrations

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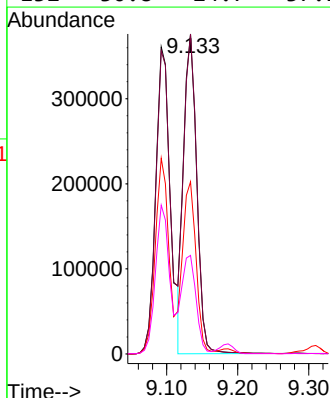
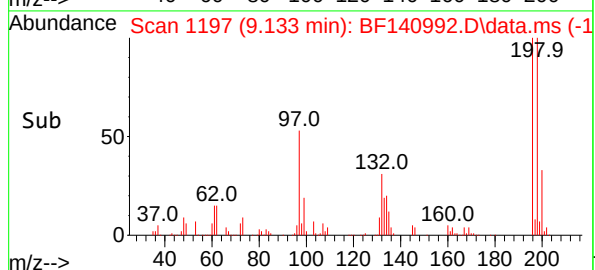
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

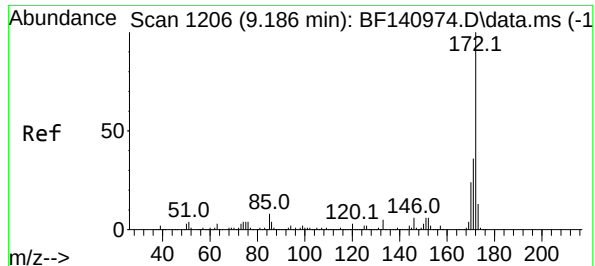


#44
2,4,5-Trichlorophenol
Concen: 50.788 ng
RT: 9.133 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07



Tgt Ion:196 Resp: 483800
Ion Ratio Lower Upper
196 100
198 99.9 79.9 119.9
97 53.8 44.3 66.5
132 30.8 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 101.017 ng

RT: 9.186 min Scan# 1206

Delta R.T. -0.000 min

Lab File: BF140992.D

Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS

Tgt Ion:172 Resp: 3223810

Ion Ratio Lower Upper

172 100

171 36.5 29.0 43.4

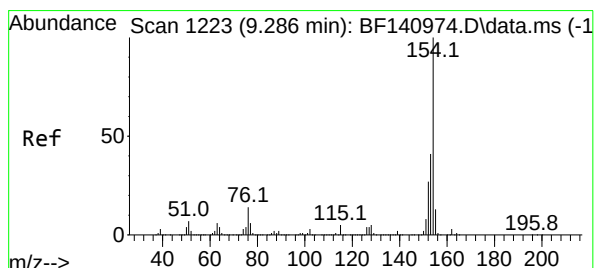
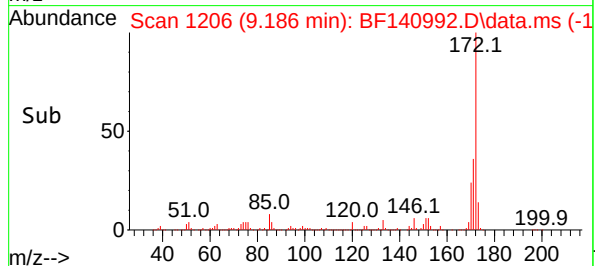
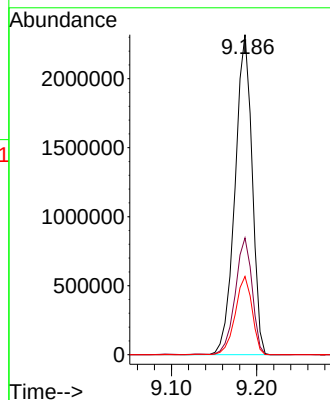
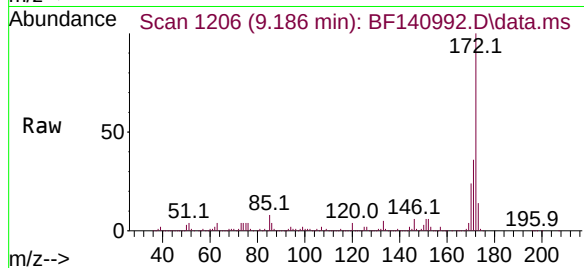
170 24.5 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#46

1,1'-Biphenyl

Concen: 50.037 ng

RT: 9.286 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF140992.D

Acq: 27 Dec 2024 13:07

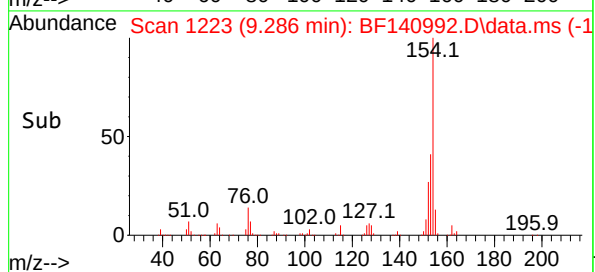
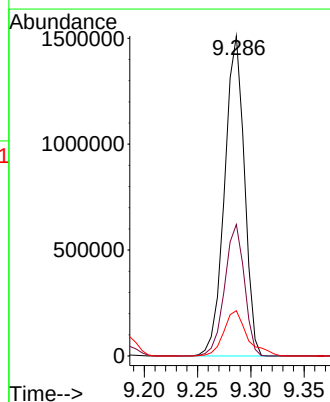
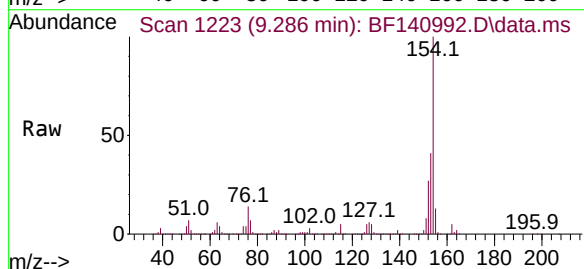
Tgt Ion:154 Resp: 1948058

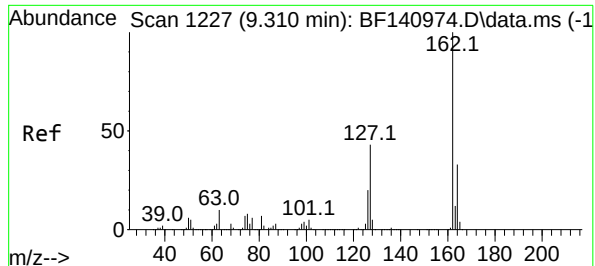
Ion Ratio Lower Upper

154 100

153 41.1 20.9 60.9

76 14.2 0.0 34.0





#47

2-Chloronaphthalene

Concen: 48.676 ng

RT: 9.310 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140992.D

Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS

Tgt Ion:162 Resp: 146977

Ion Ratio Lower Upper

162 100

127 42.4 34.2 51.4

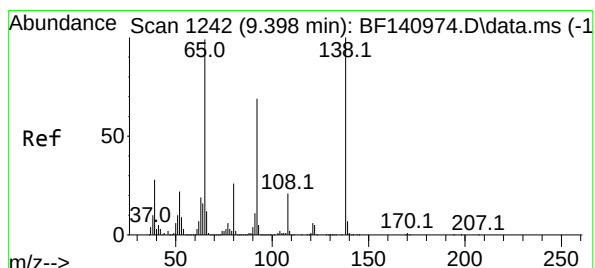
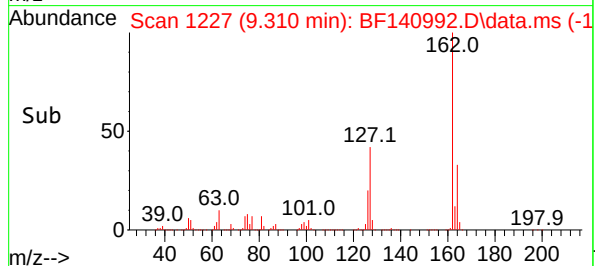
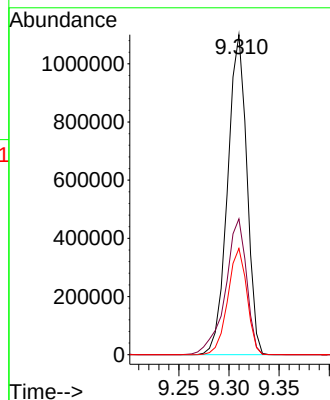
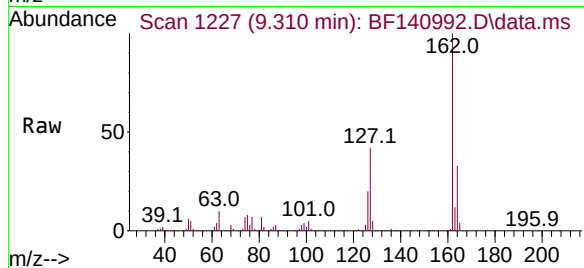
164 33.2 26.6 40.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#48

2-Nitroaniline

Concen: 57.089 ng

RT: 9.404 min Scan# 1243

Delta R.T. 0.006 min

Lab File: BF140992.D

Acq: 27 Dec 2024 13:07

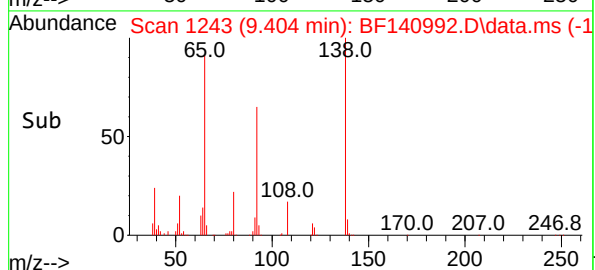
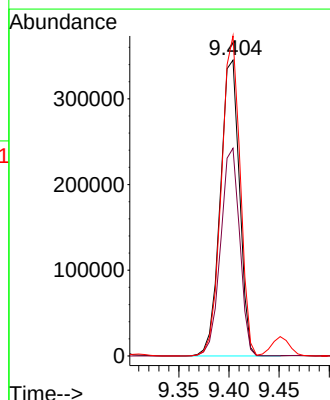
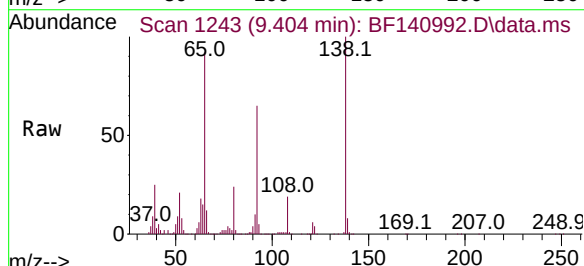
Tgt Ion: 65 Resp: 458643

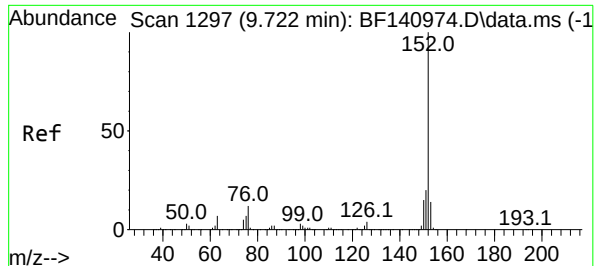
Ion Ratio Lower Upper

65 100

92 70.2 55.6 83.4

138 108.2 80.5 120.7





#49

Acenaphthylene

Concen: 52.565 ng

RT: 9.727 min Scan# 1297

Delta R.T. 0.005 min

Lab File: BF140992.D

Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS

Tgt Ion:152 Resp: 228482

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

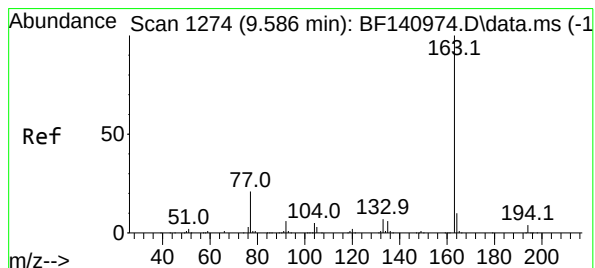
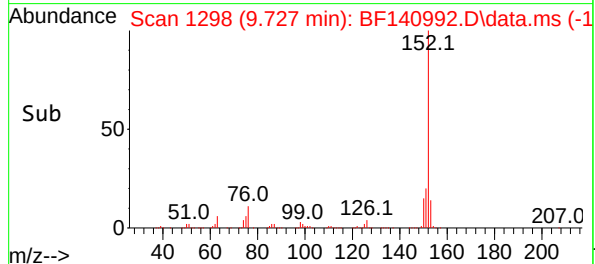
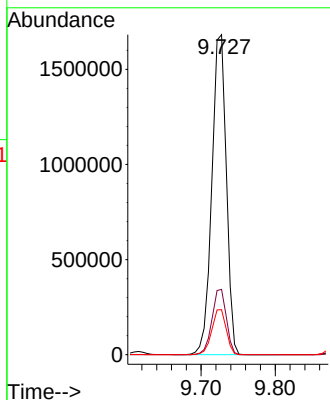
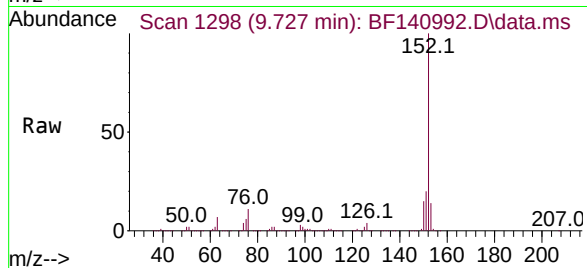
153 14.1 11.4 17.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#50

Dimethylphthalate

Concen: 51.445 ng

RT: 9.586 min Scan# 1274

Delta R.T. 0.000 min

Lab File: BF140992.D

Acq: 27 Dec 2024 13:07

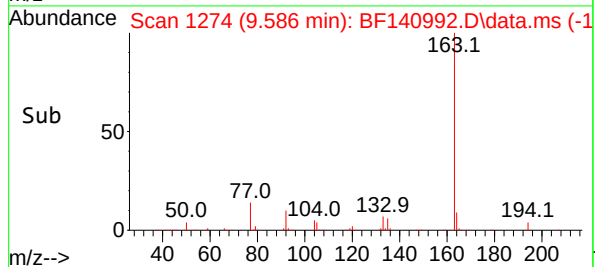
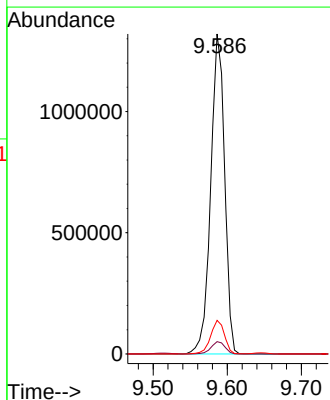
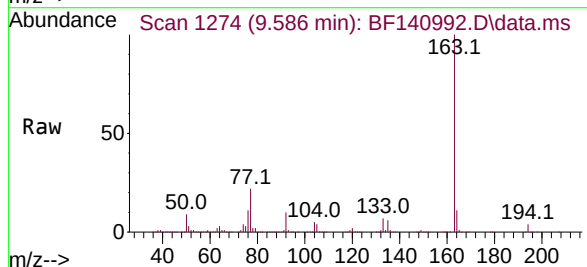
Tgt Ion:163 Resp: 1720580

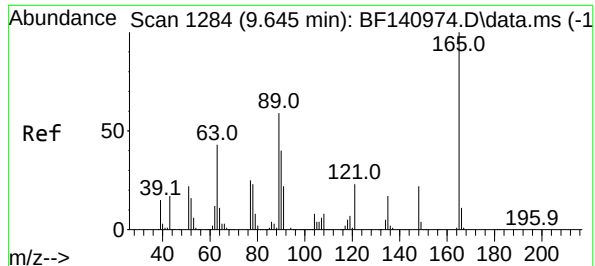
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

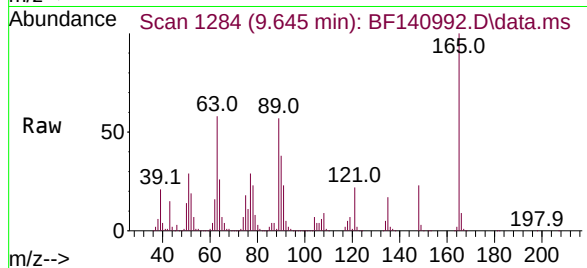
164 10.5 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 54.375 ng
RT: 9.645 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

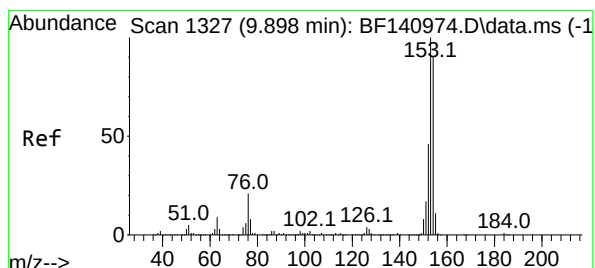
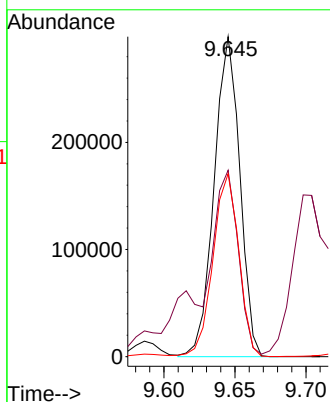
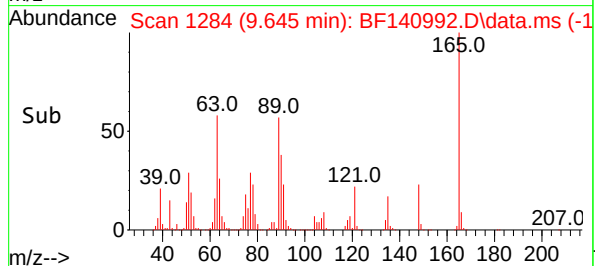
Instrument :
BNA_F
ClientSampleId :
PB165845BS



Tgt Ion:165 Resp: 374454
Ion Ratio Lower Upper
165 100
63 58.3 47.1 70.7
89 57.1 47.0 70.4

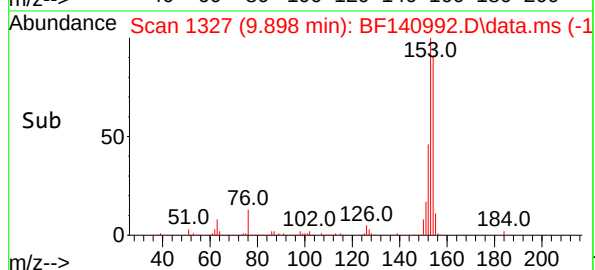
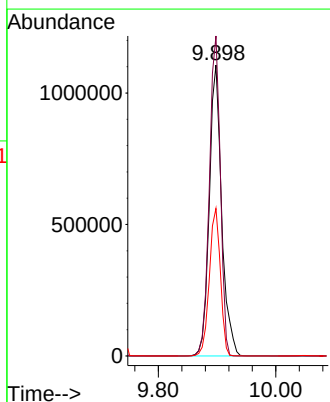
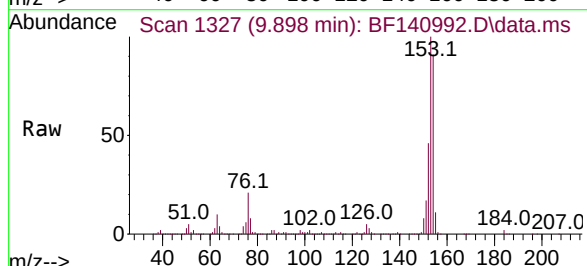
Manual Integrations
APPROVED

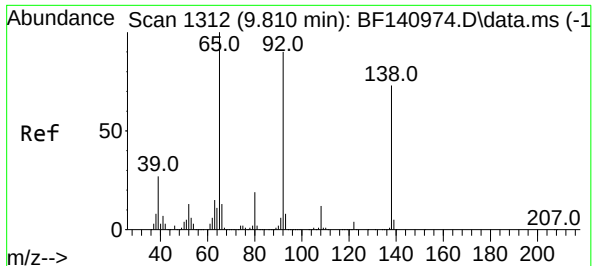
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#52
Acenaphthene
Concen: 55.197 ng
RT: 9.898 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Tgt Ion:154 Resp: 1622020
Ion Ratio Lower Upper
154 100
153 110.0 89.2 133.8
152 50.7 40.9 61.3





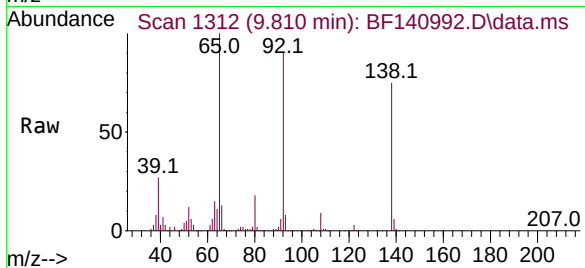
#53
3-Nitroaniline
Concen: 32.223 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS

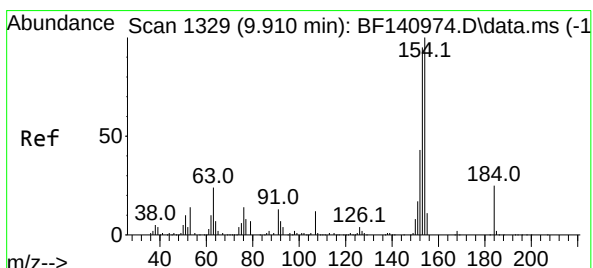
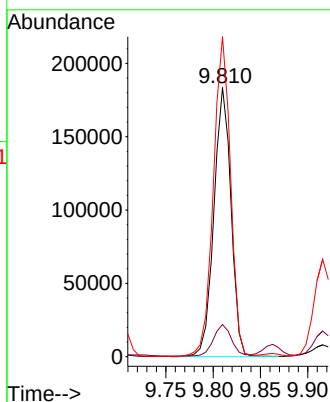
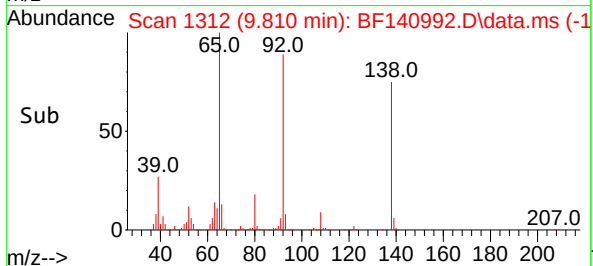


Tgt Ion:138 Resp: 230474
Ion Ratio Lower Upper
138 100
108 12.0 13.5 20.3#
92 118.9 97.7 146.5

Manual Integrations

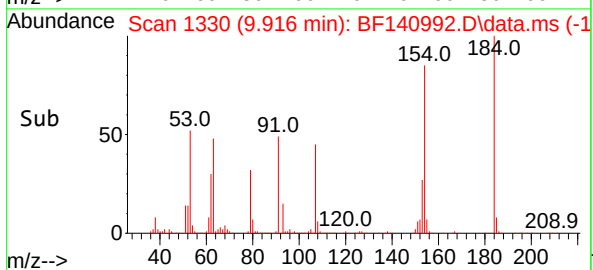
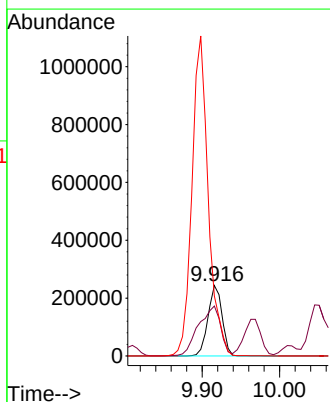
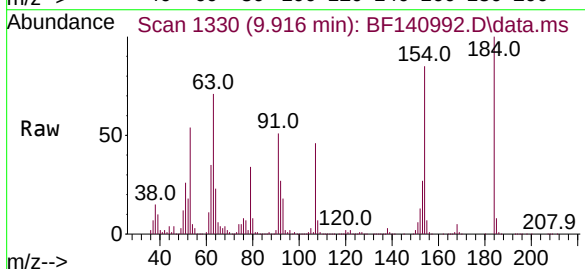
APPROVED

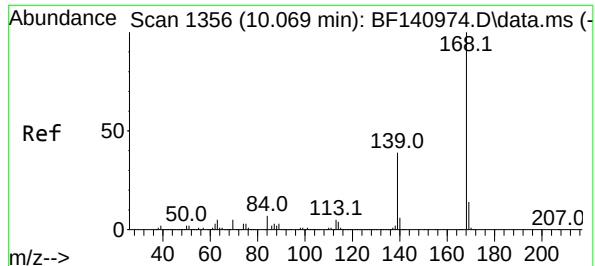
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#54
2,4-Dinitrophenol
Concen: 101.093 ng
RT: 9.916 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Tgt Ion:184 Resp: 308206
Ion Ratio Lower Upper
184 100
63 70.8 81.6 122.4#
154 85.3 363.5 545.3#





#55

Dibenzofuran

Concen: 50.068 ng

RT: 10.069 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140992.D

Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS

Tgt Ion:168 Resp: 206767

Ion Ratio Lower Upper

168 100

139 39.4 31.6 47.4

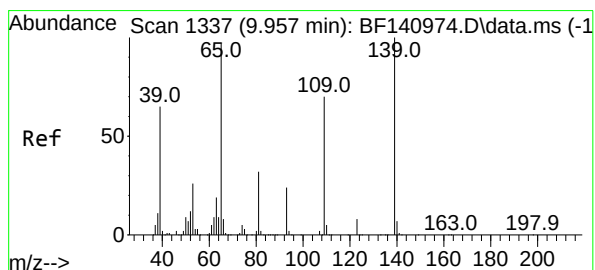
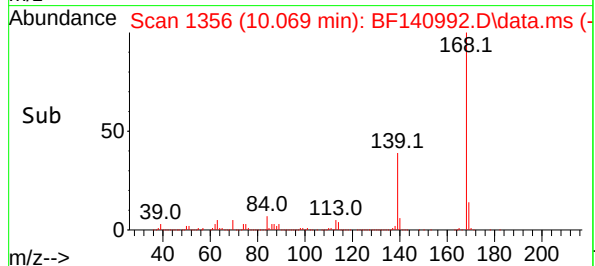
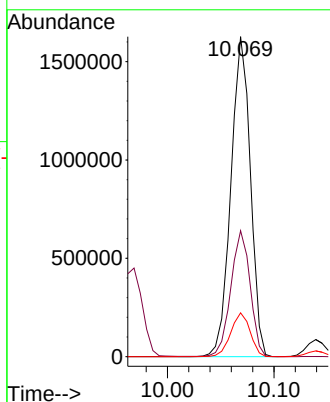
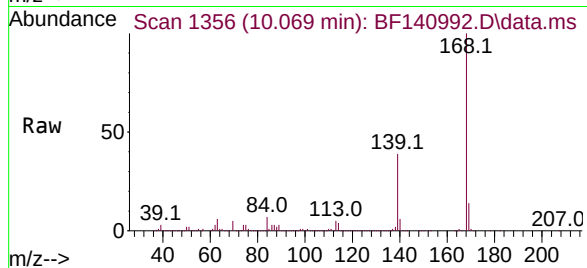
169 13.7 11.0 16.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#56

4-Nitrophenol

Concen: 116.476 ng

RT: 9.969 min Scan# 1339

Delta R.T. 0.012 min

Lab File: BF140992.D

Acq: 27 Dec 2024 13:07

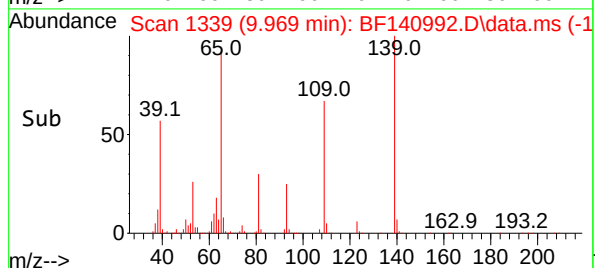
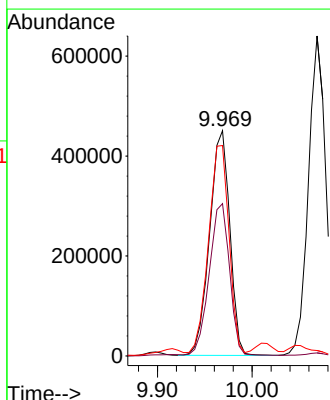
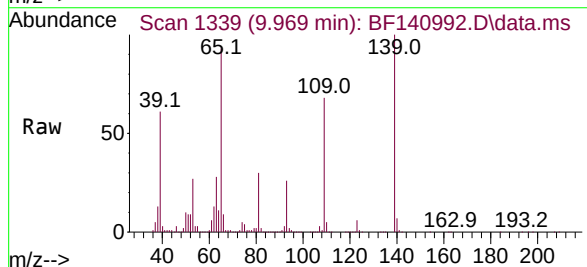
Tgt Ion:139 Resp: 666358

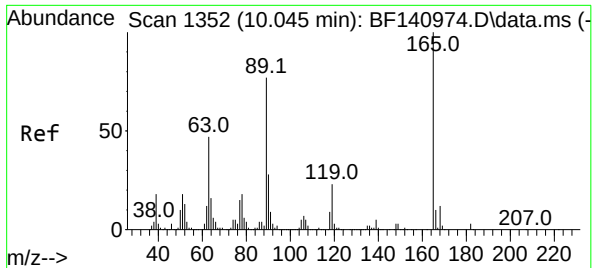
Ion Ratio Lower Upper

139 100

109 67.6 50.8 90.8

65 93.4 78.5 118.5





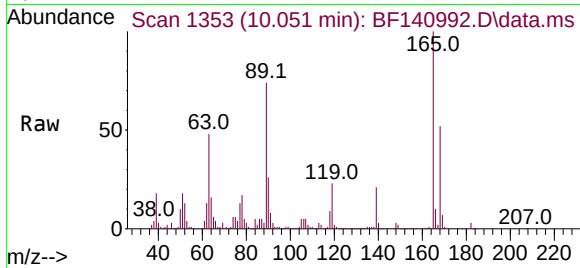
#57
2,4-Dinitrotoluene
Concen: 57.830 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS

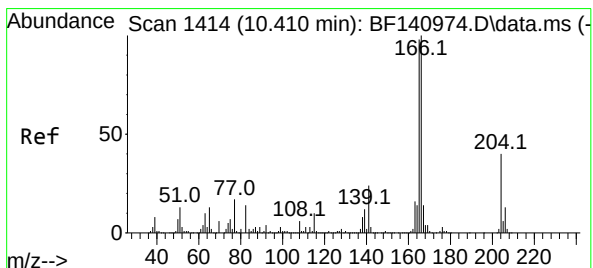
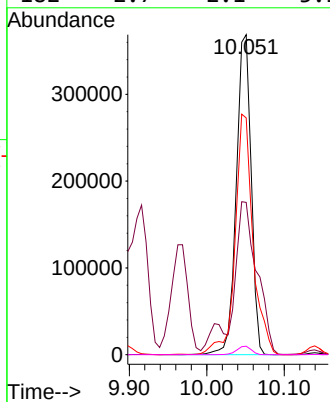
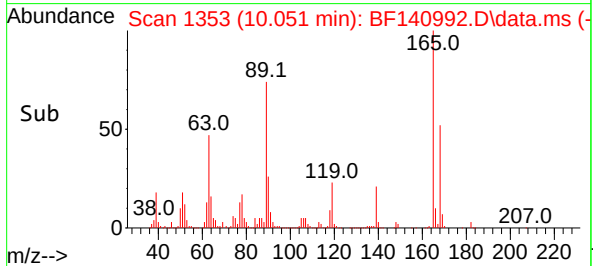


Tgt Ion:165 Resp: 491160
Ion Ratio Lower Upper
165 100
63 47.6 38.1 57.1
89 74.0 61.4 92.2
182 2.7 2.1 3.1

Manual Integrations

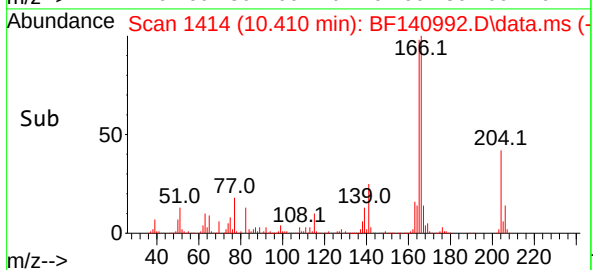
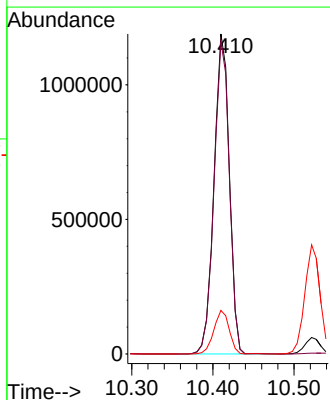
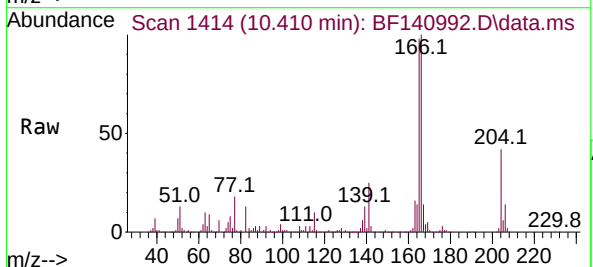
APPROVED

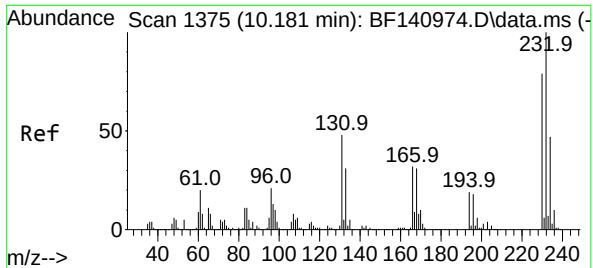
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#58
Fluorene
Concen: 48.764 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

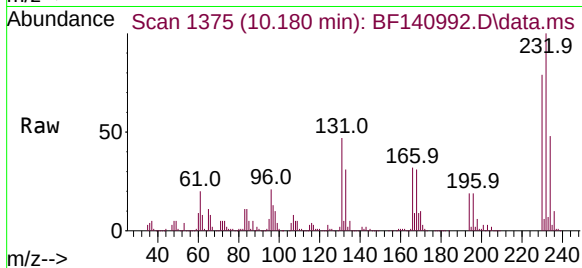
Tgt Ion:166 Resp: 1561605
Ion Ratio Lower Upper
166 100
165 97.6 78.3 117.5
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 54.610 ng
RT: 10.180 min Scan# 1375
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

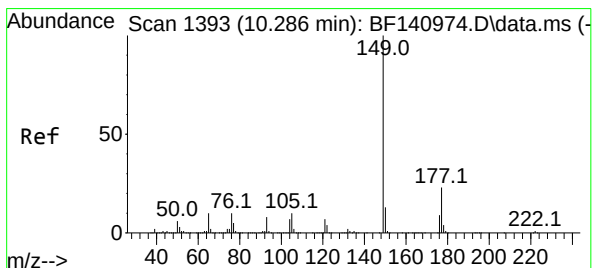
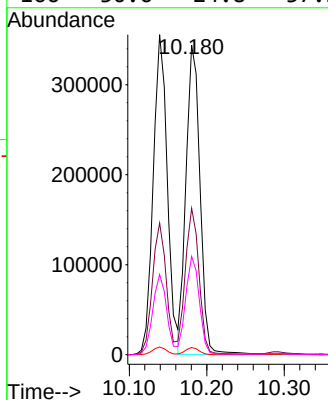
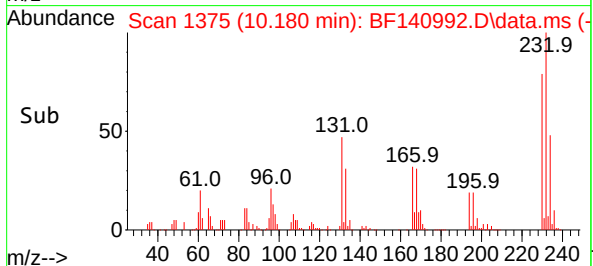
Instrument :
BNA_F
ClientSampleId :
PB165845BS



Tgt Ion:232 Resp: 430838
Ion Ratio Lower Upper
232 100
131 47.2 37.4 56.2
130 2.2 1.8 2.8
166 30.6 24.8 37.2

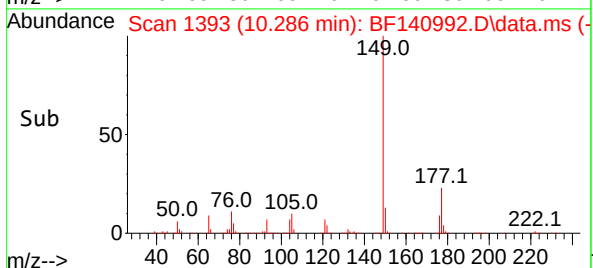
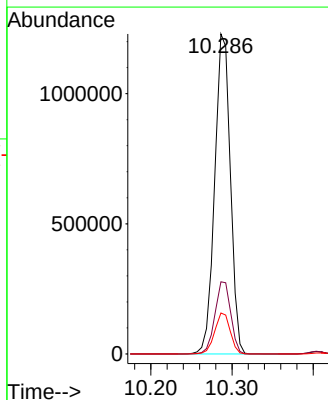
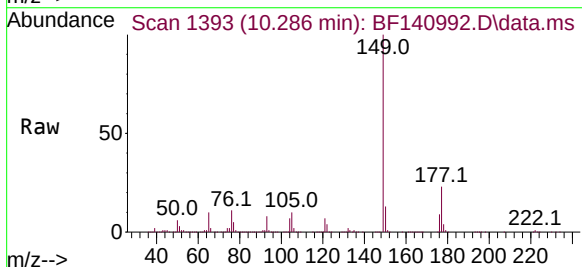
Manual Integrations
APPROVED

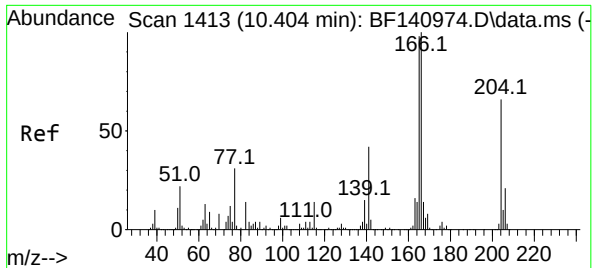
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#60
Diethylphthalate
Concen: 49.948 ng
RT: 10.286 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

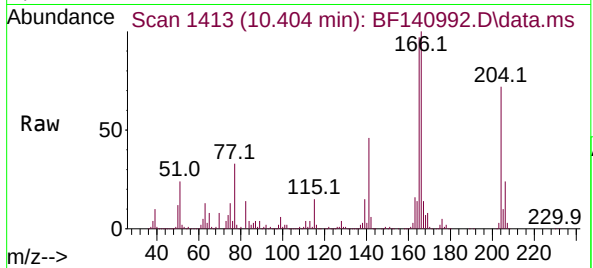
Tgt Ion:149 Resp: 1649179
Ion Ratio Lower Upper
149 100
177 22.6 18.3 27.5
150 12.8 10.4 15.6





#61
4-Chlorophenyl-phenylether
Concen: 48.538 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

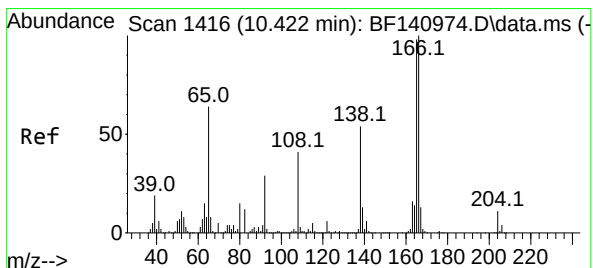
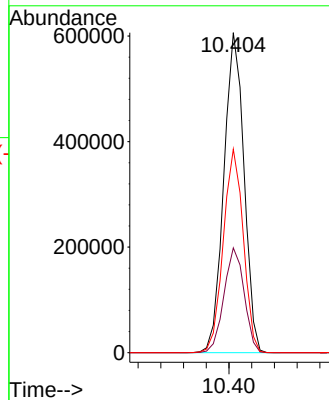
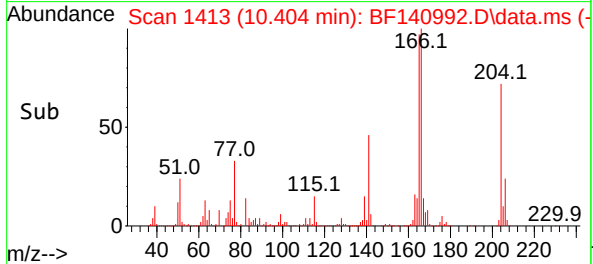
Instrument :
BNA_F
ClientSampleId :
PB165845BS



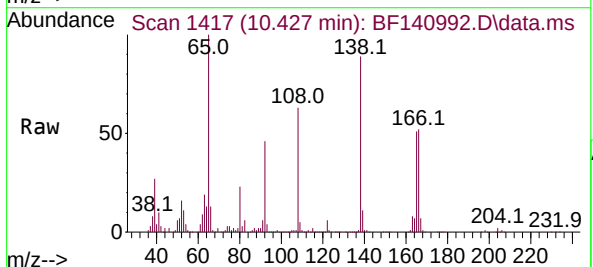
Tgt Ion:204 Resp: 74792
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.6
141 63.6 51.2 76.8

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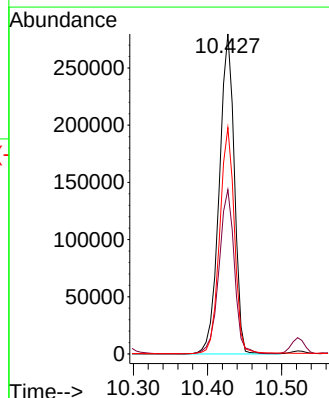
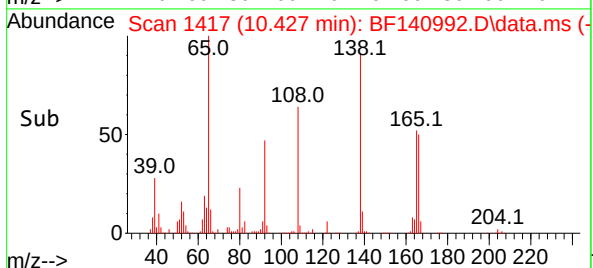
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

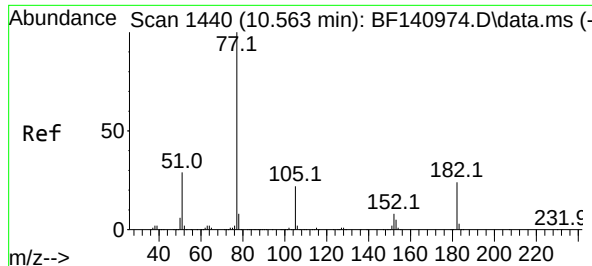


#62
4-Nitroaniline
Concen: 53.099 ng
RT: 10.427 min Scan# 1417
Delta R.T. 0.005 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07



Tgt Ion:138 Resp: 396300
Ion Ratio Lower Upper
138 100
92 51.4 34.8 74.8
108 70.7 55.9 95.9





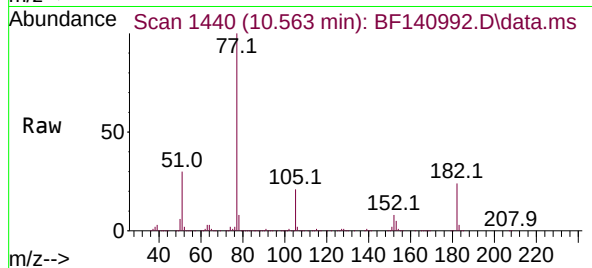
#63
Azobenzene
Concen: 50.478 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS

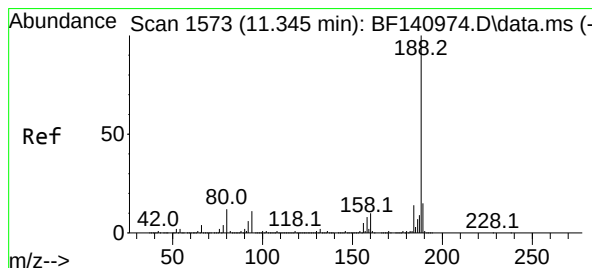
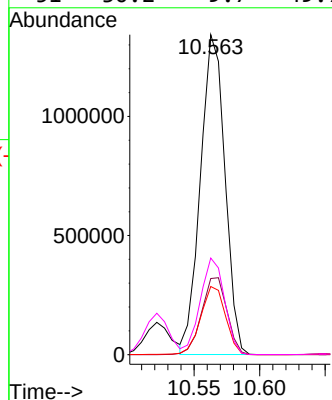
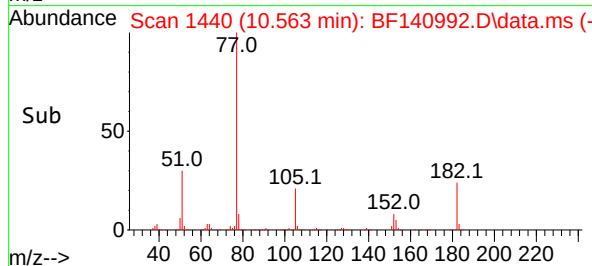


Tgt Ion: 77 Resp: 174937
Ion Ratio Lower Upper
77 100
182 23.8 4.1 44.1
105 21.3 1.8 41.8
51 30.2 9.7 49.7

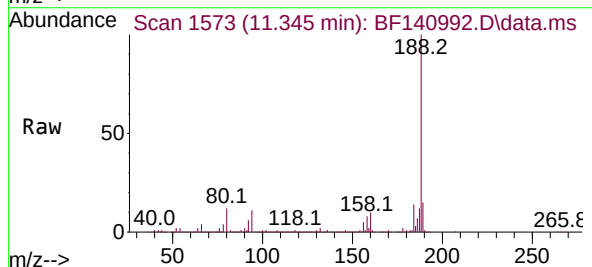
Manual Integrations

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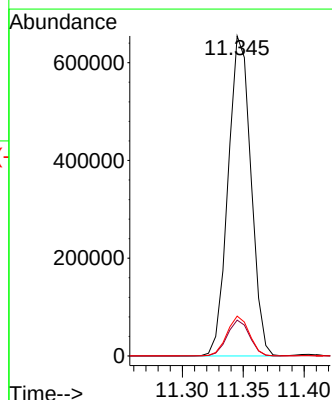
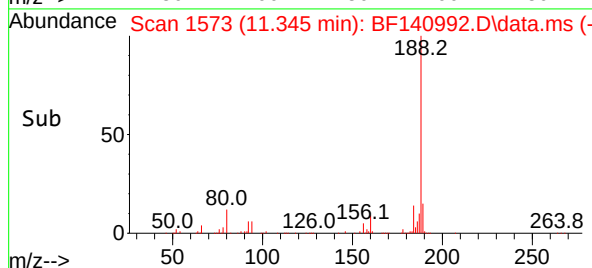
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

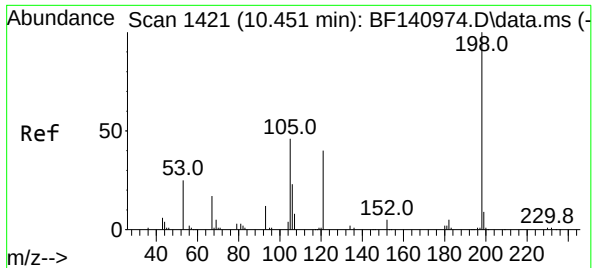


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07



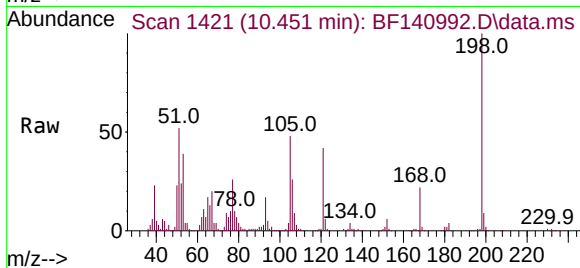
Tgt Ion:188 Resp: 852780
Ion Ratio Lower Upper
188 100
94 11.2 9.0 13.6
80 12.5 9.8 14.6





#65
4,6-Dinitro-2-methylphenol
Concen: 60.793 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

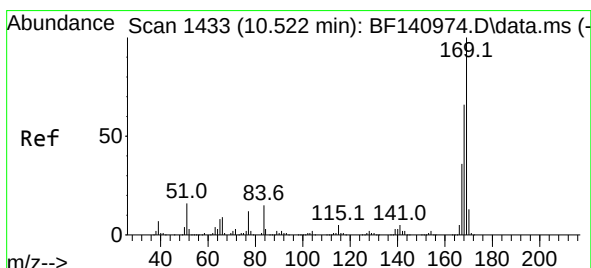
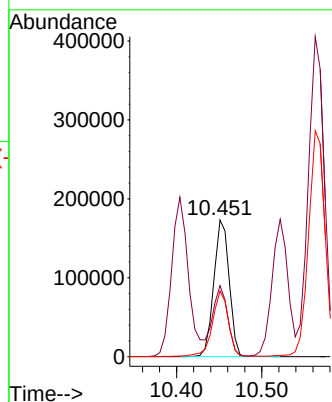
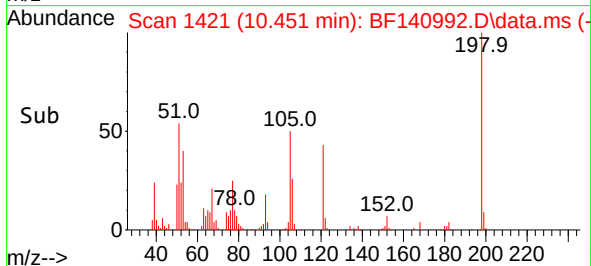
Instrument :
BNA_F
ClientSampleId :
PB165845BS



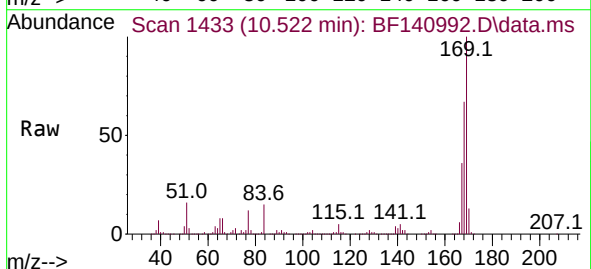
Tgt Ion:198 Resp: 217215
Ion Ratio Lower Upper
198 100
51 51.9 32.3 72.3
105 48.1 28.4 68.4

Manual Integrations
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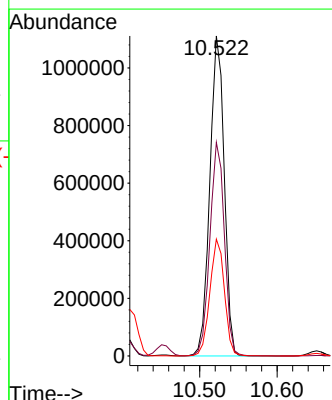
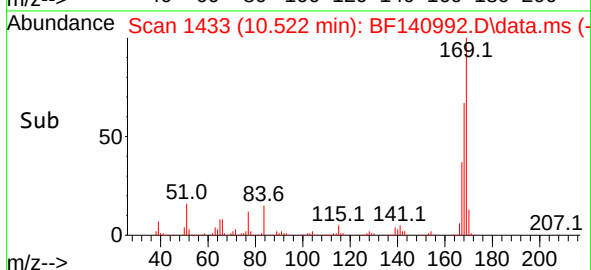
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

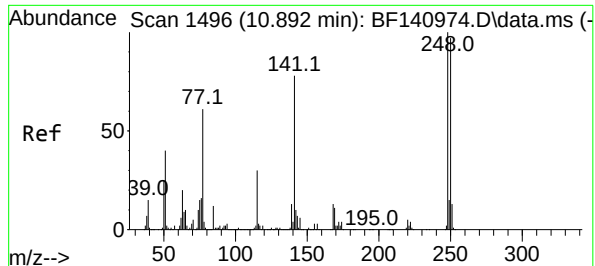


#66
n-Nitrosodiphenylamine
Concen: 53.521 ng
RT: 10.522 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07



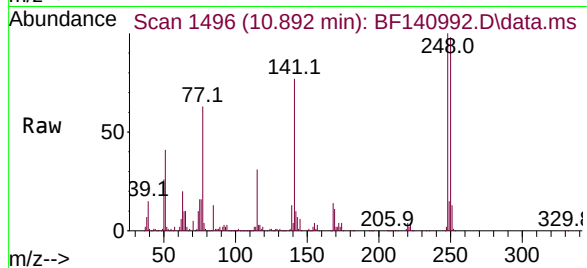
Tgt Ion:169 Resp: 1437255
Ion Ratio Lower Upper
169 100
168 66.8 52.6 79.0
167 36.5 29.0 43.4





#67
4-Bromophenyl-phenylether
Concen: 53.211 ng
RT: 10.892 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

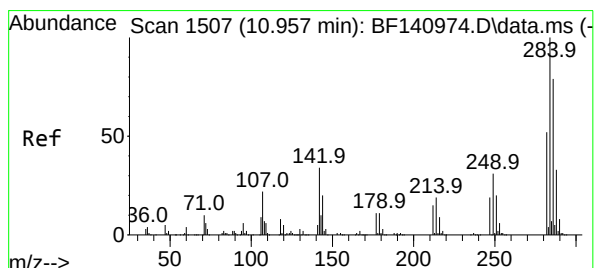
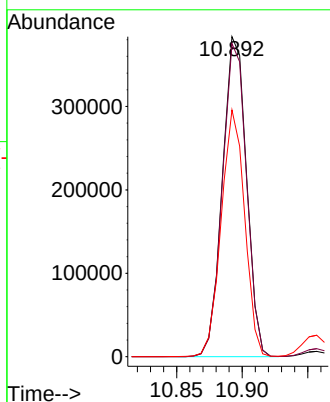
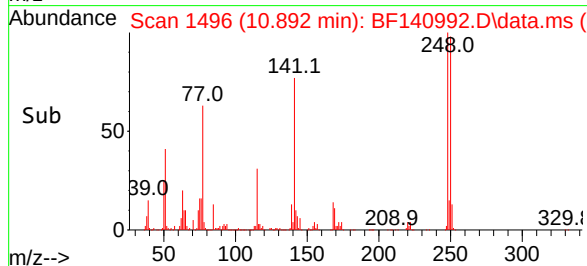
Instrument :
BNA_F
ClientSampleId :
PB165845BS



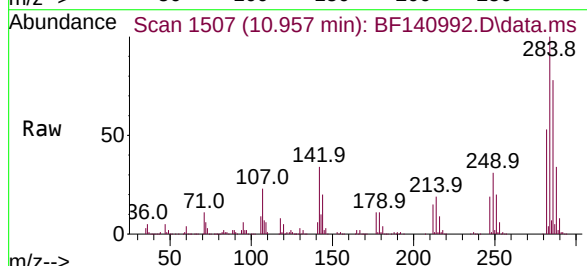
Tgt Ion:248 Resp: 490534
Ion Ratio Lower Upper
248 100
250 97.8 77.7 116.5
141 77.1 62.1 93.1

Manual Integrations
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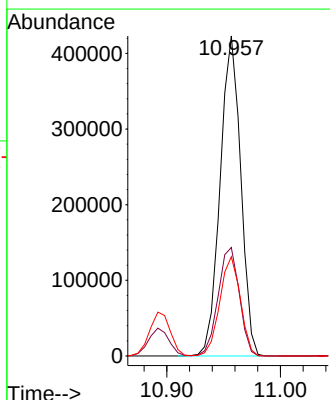
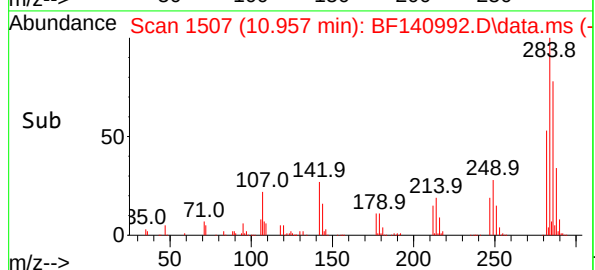
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

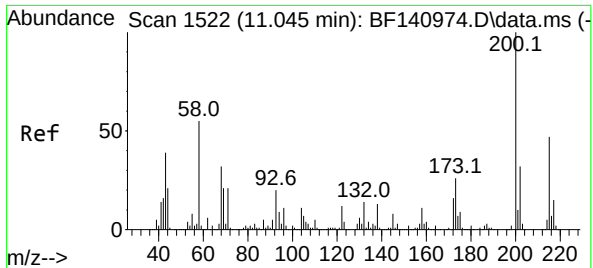


#68
Hexachlorobenzene
Concen: 52.332 ng
RT: 10.957 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07



Tgt Ion:284 Resp: 531956
Ion Ratio Lower Upper
284 100
142 33.9 27.1 40.7
249 31.0 25.1 37.7





#69

Atrazine

Concen: 64.396 ng

RT: 11.051 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140992.D

Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS

Tgt Ion:200 Resp: 483104

Ion Ratio Lower Upper

200 100

173 26.2 6.4 46.4

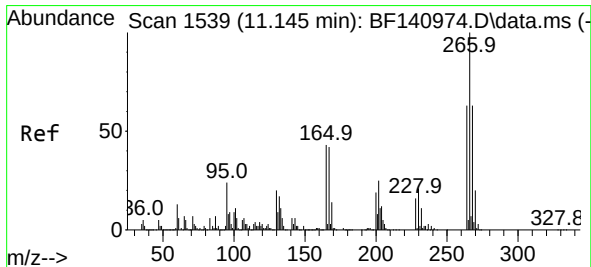
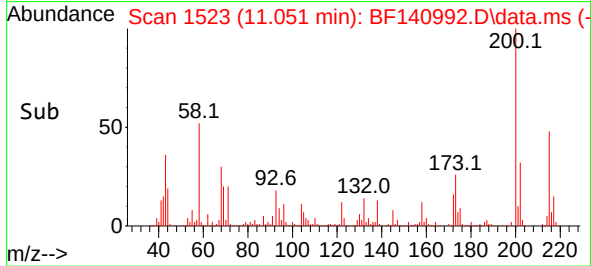
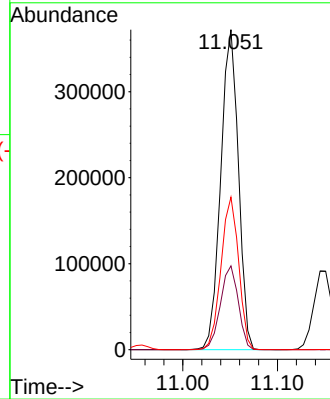
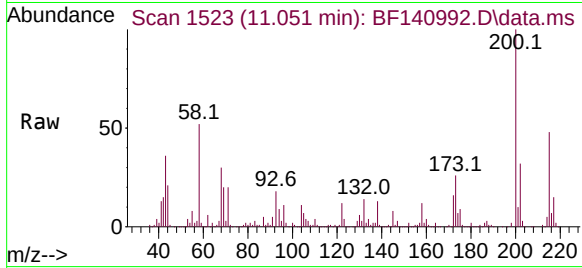
215 47.7 27.2 67.2

Manual Integrations

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Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#70

Pentachlorophenol

Concen: 104.378 ng

RT: 11.151 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF140992.D

Acq: 27 Dec 2024 13:07

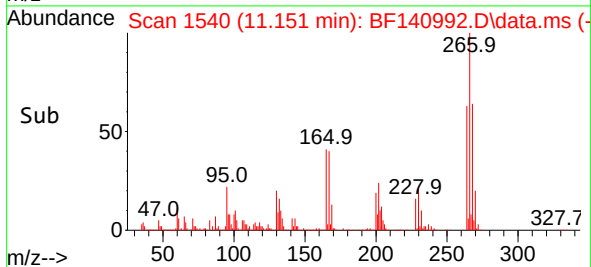
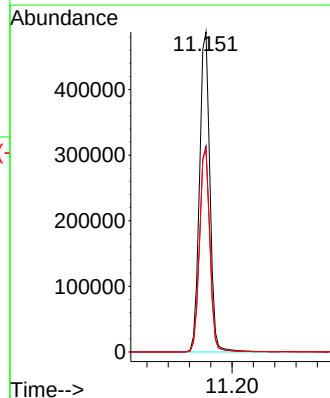
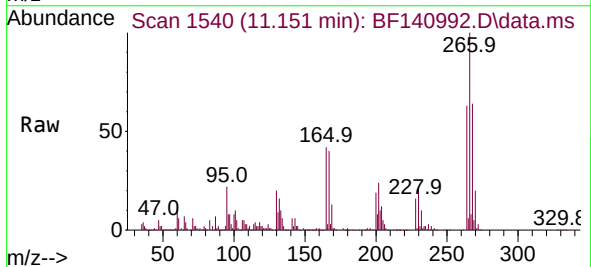
Tgt Ion:266 Resp: 660595

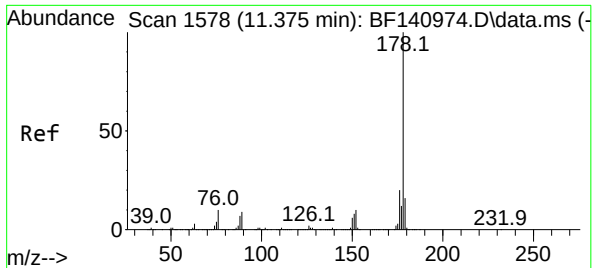
Ion Ratio Lower Upper

266 100

268 64.4 50.5 75.7

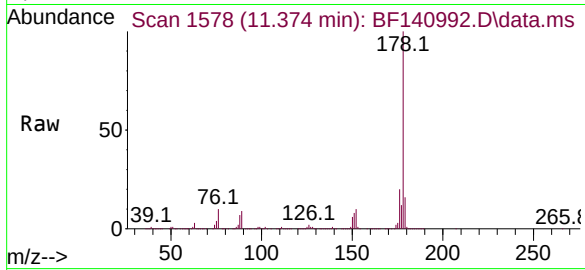
264 63.1 50.2 75.4





#71
Phenanthrene
Concen: 52.701 ng
RT: 11.374 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

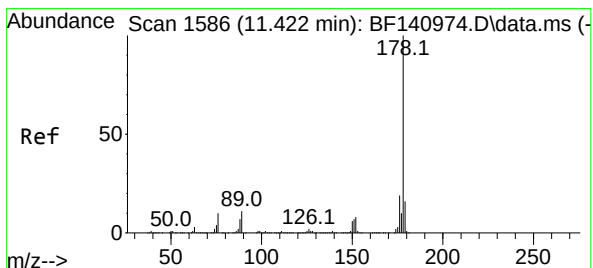
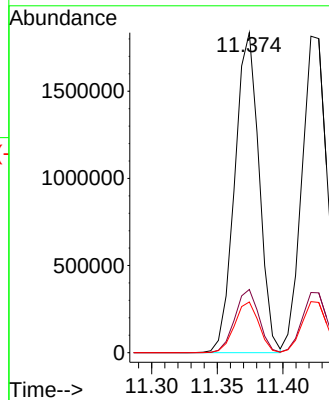
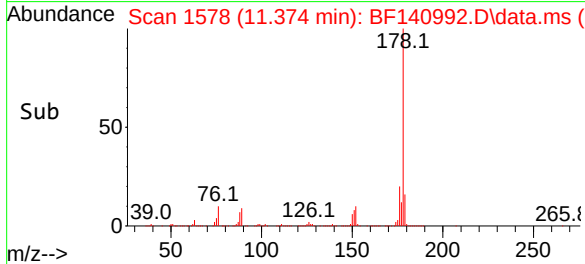
Instrument :
BNA_F
ClientSampleId :
PB165845BS



Tgt Ion:178 Resp: 236536
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.9 12.6 19.0

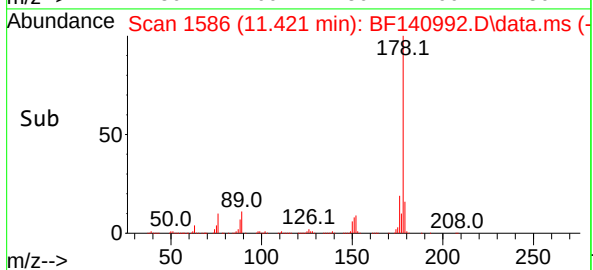
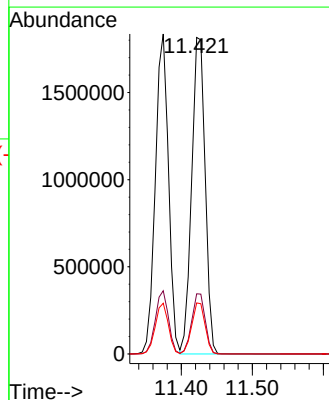
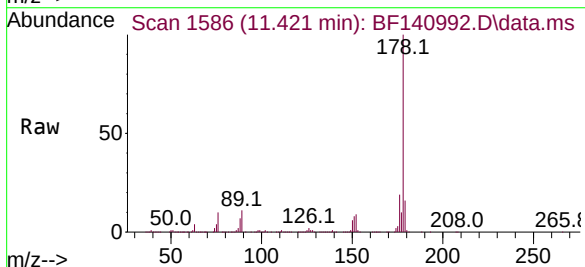
Manual Integrations
APPROVED

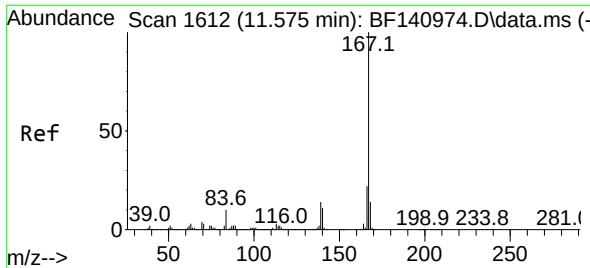
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#72
Anthracene
Concen: 54.474 ng
RT: 11.421 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

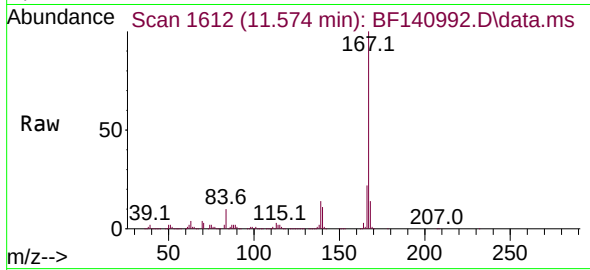
Tgt Ion:178 Resp: 2395731
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 16.1 12.9 19.3





#73
 Carbazole
 Concen: 50.570 ng
 RT: 11.574 min Scan# 1612
 Delta R.T. -0.000 min
 Lab File: BF140992.D
 Acq: 27 Dec 2024 13:07

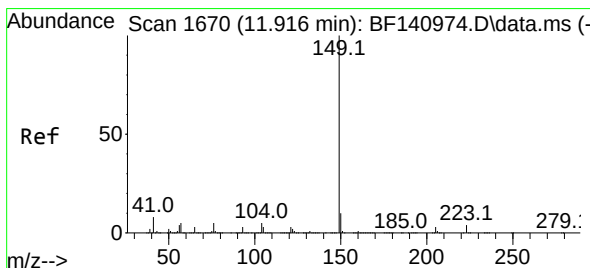
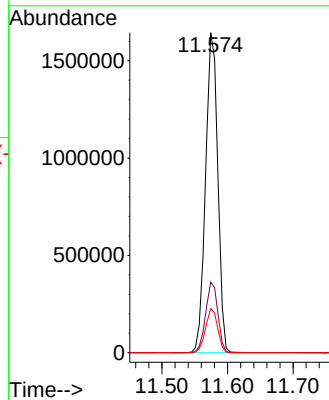
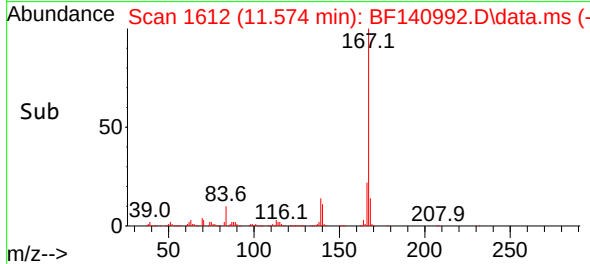
Instrument :
 BNA_F
 ClientSampleId :
 PB165845BS



Tgt Ion:167 Resp: 2138020
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.5 26.3
 139 13.8 11.0 16.4

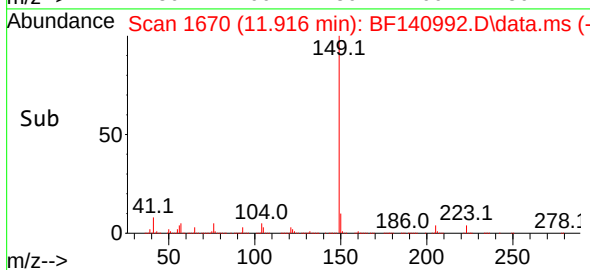
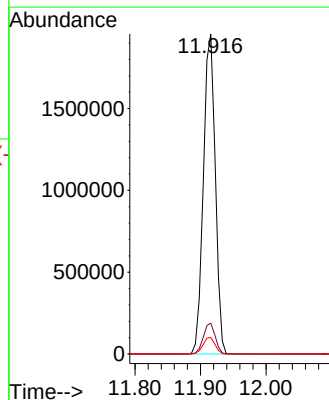
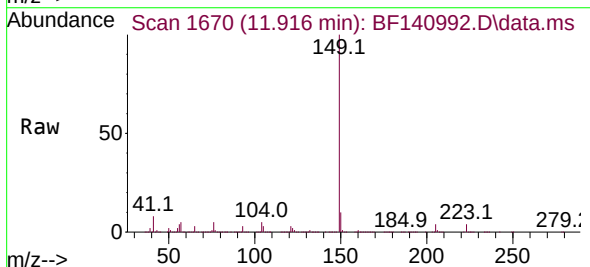
Manual Integrations
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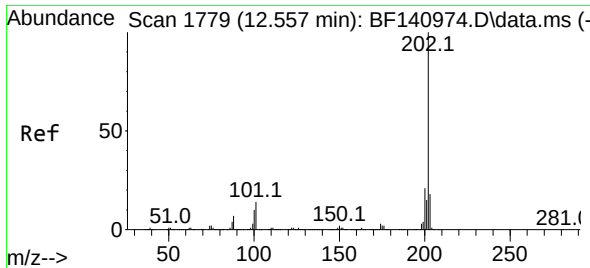
Reviewed By :Yogesh Patel 12/30/2024
 Supervised By :mohammad ahmed 12/30/2024



#74
 Di-n-butylphthalate
 Concen: 51.450 ng
 RT: 11.916 min Scan# 1670
 Delta R.T. -0.000 min
 Lab File: BF140992.D
 Acq: 27 Dec 2024 13:07

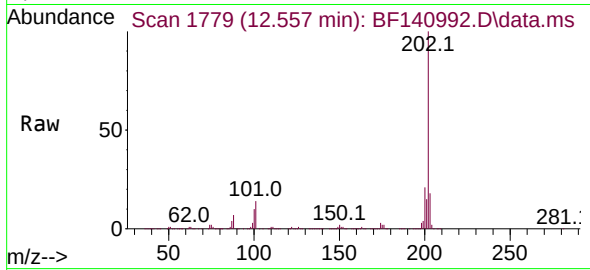
Tgt Ion:149 Resp: 2474103
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 5.2 4.1 6.1





#75
Fluoranthene
Concen: 49.757 ng
RT: 12.557 min Scan# 1779
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

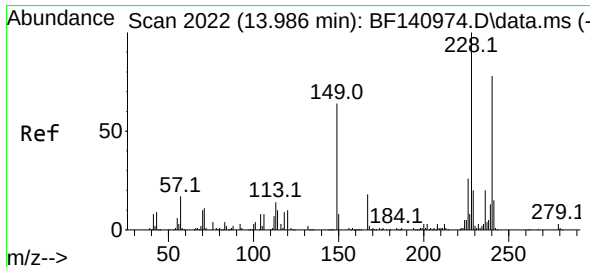
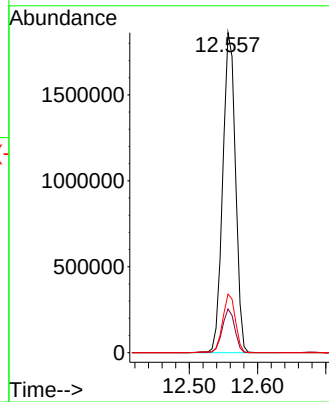
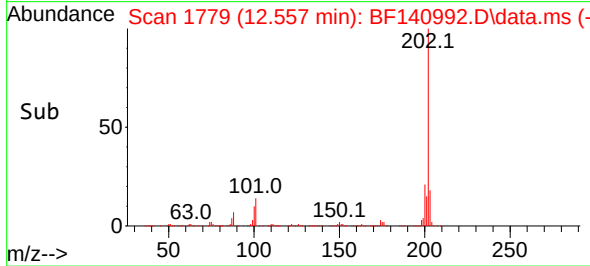
Instrument :
BNA_F
ClientSampleId :
PB165845BS



Tgt Ion:202 Resp: 2422070
Ion Ratio Lower Upper
202 100
101 13.6 0.0 33.7
203 18.3 0.0 38.1

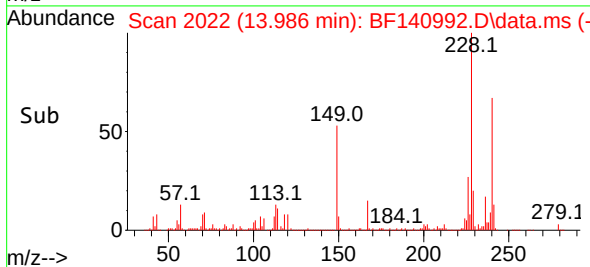
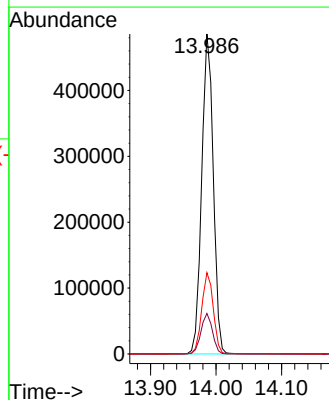
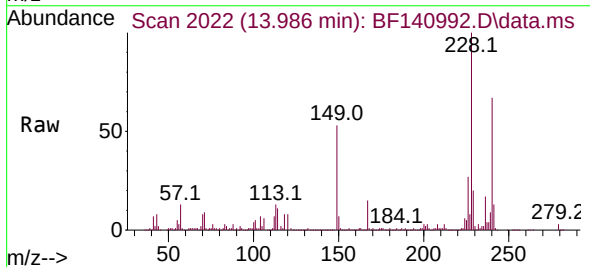
Manual Integrations
APPROVED

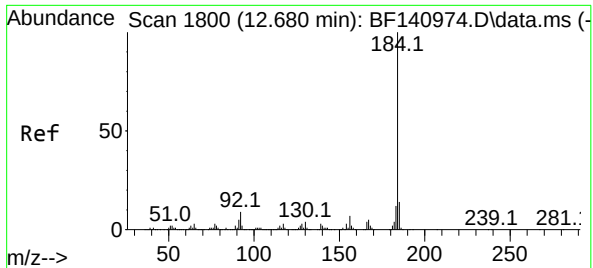
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

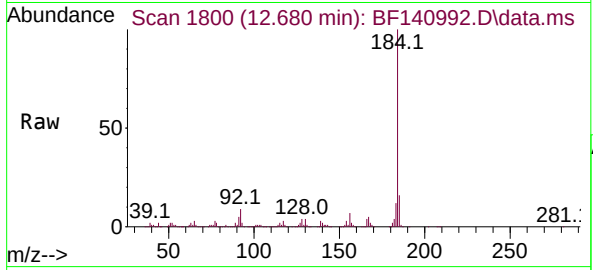
Tgt Ion:240 Resp: 597621
Ion Ratio Lower Upper
240 100
120 12.7 10.7 16.1
236 25.4 20.6 31.0





#77
Benzidine
Concen: 49.435 ng
RT: 12.680 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

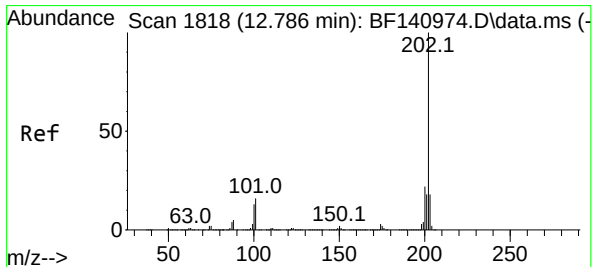
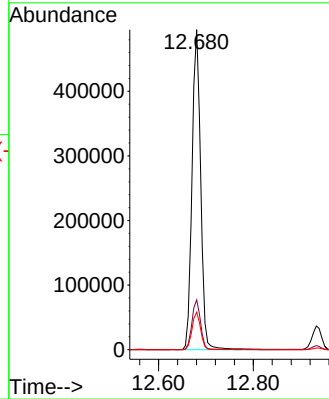
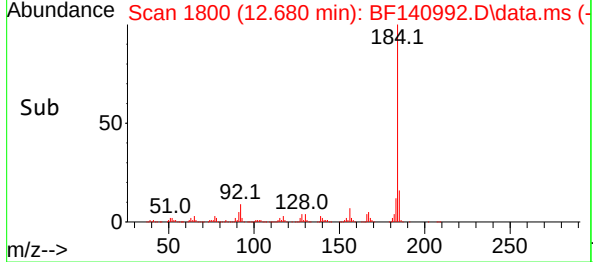
Instrument :
BNA_F
ClientSampleId :
PB165845BS



Tgt Ion:184 Resp: 624374
Ion Ratio Lower Upper
184 100
185 15.6 11.4 17.2
183 11.7 9.4 14.0

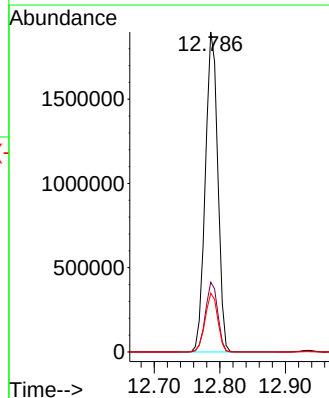
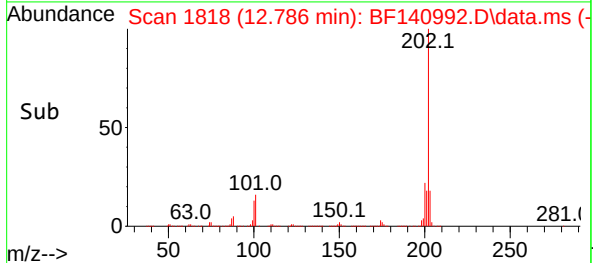
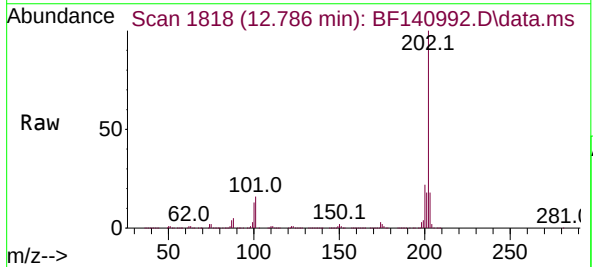
Manual Integrations
APPROVED

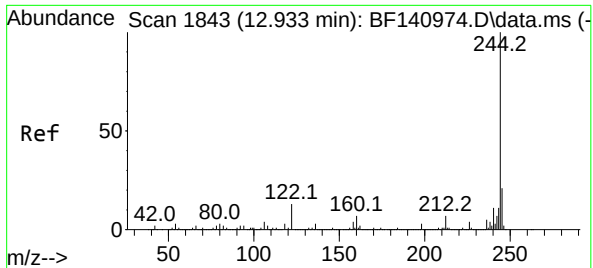
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#78
Pyrene
Concen: 48.046 ng
RT: 12.786 min Scan# 1818
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Tgt Ion:202 Resp: 2511217
Ion Ratio Lower Upper
202 100
200 21.8 17.3 25.9
203 18.3 14.6 21.8





#79

Terphenyl-d14

Concen: 100.919 ng

RT: 12.933 min Scan# 1843

Delta R.T. -0.000 min

Lab File: BF140992.D

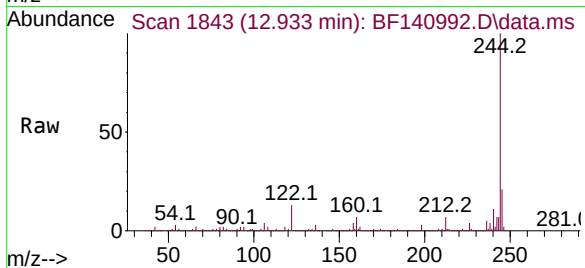
Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS



Tgt Ion:244 Resp: 3631038

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

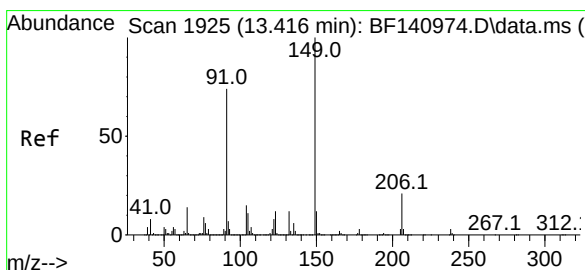
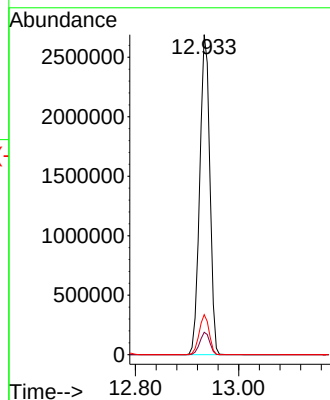
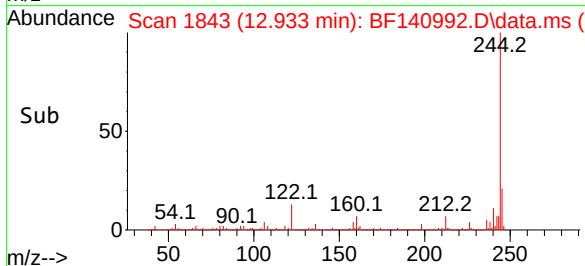
122 12.5 10.2 15.2

Manual Integrations

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Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#80

Butylbenzylphthalate

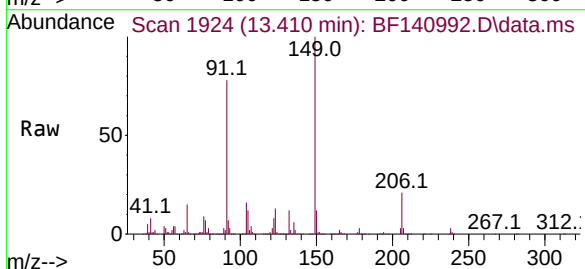
Concen: 52.278 ng

RT: 13.410 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BF140992.D

Acq: 27 Dec 2024 13:07



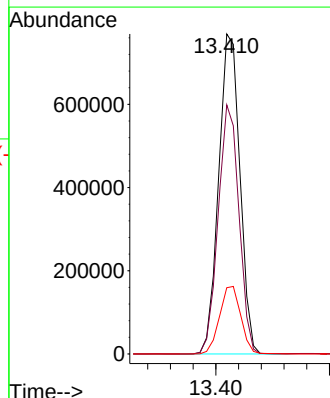
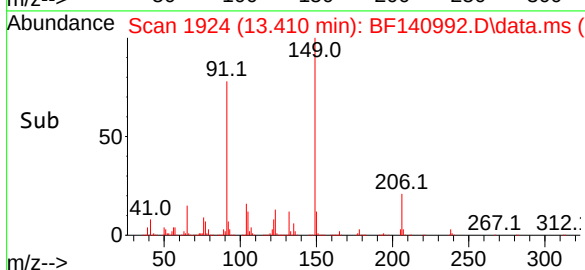
Tgt Ion:149 Resp: 997737

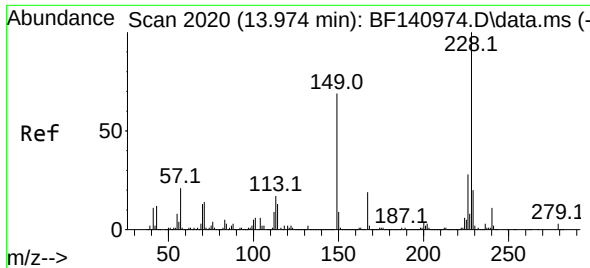
Ion Ratio Lower Upper

149 100

91 77.8 59.5 89.3

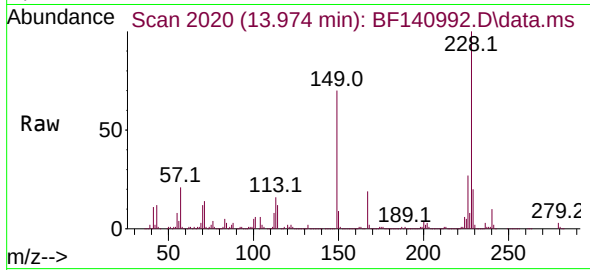
206 20.7 17.1 25.7





#81
Benzo(a)anthracene
Concen: 48.198 ng
RT: 13.974 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

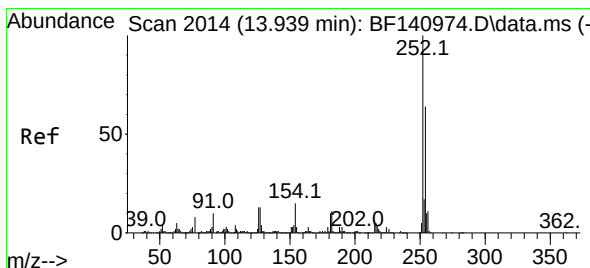
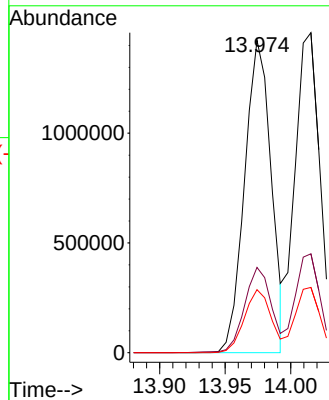
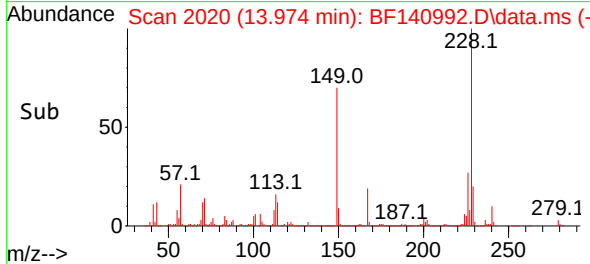
Instrument :
BNA_F
ClientSampleId :
PB165845BS



Tgt Ion:228 Resp: 2007470
Ion Ratio Lower Upper
228 100
226 27.3 22.1 33.1
229 20.2 16.2 24.2

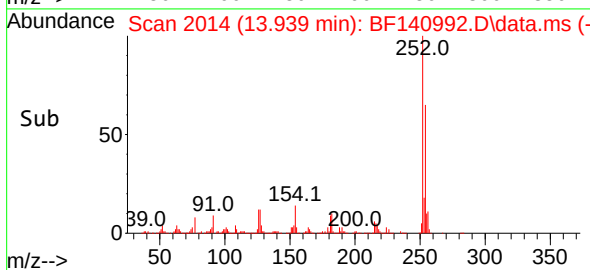
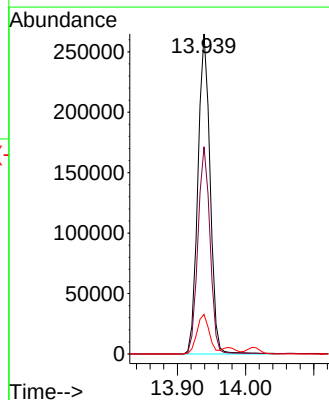
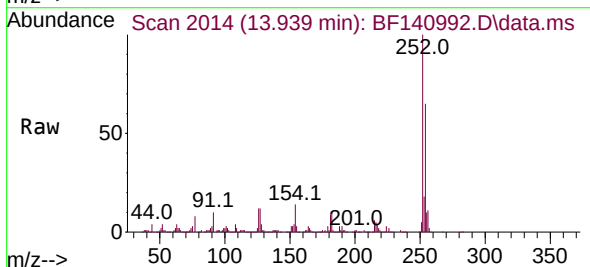
Manual Integrations
APPROVED

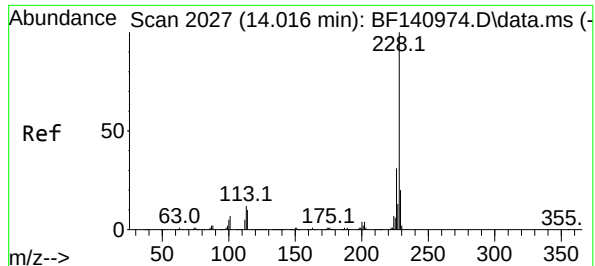
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#82
3,3'-Dichlorobenzidine
Concen: 26.283 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Tgt Ion:252 Resp: 328902
Ion Ratio Lower Upper
252 100
254 64.8 51.5 77.3
126 12.4 10.3 15.5





#83

Chrysene

Concen: 51.143 ng

RT: 14.015 min Scan# 2027

Delta R.T. -0.000 min

Lab File: BF140992.D

Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS

Tgt Ion:228 Resp: 192024

Ion Ratio Lower Upper

228 100

226 30.9 24.5 36.7

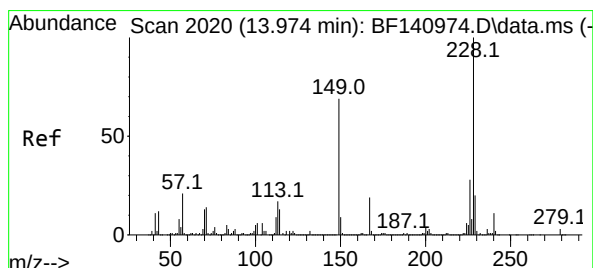
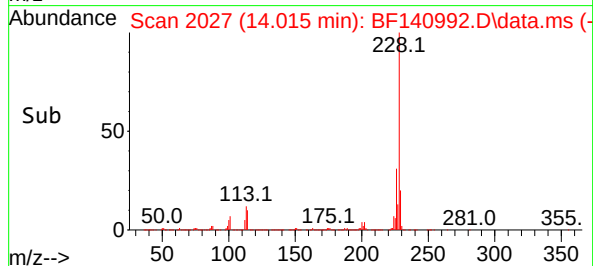
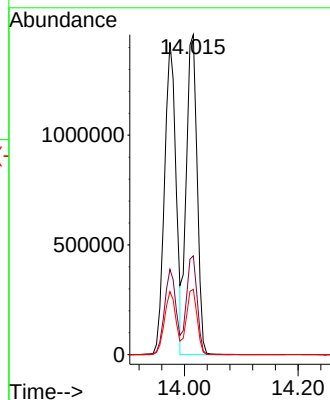
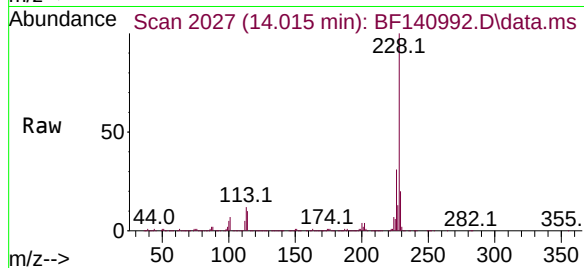
229 20.4 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.404 ng

RT: 13.974 min Scan# 2020

Delta R.T. -0.000 min

Lab File: BF140992.D

Acq: 27 Dec 2024 13:07

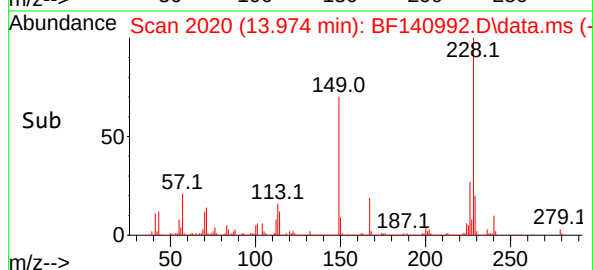
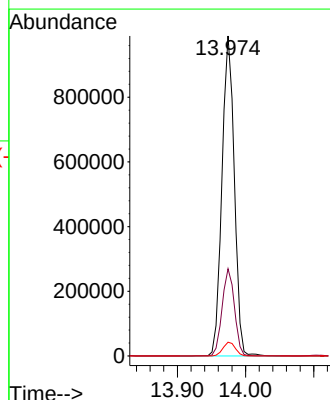
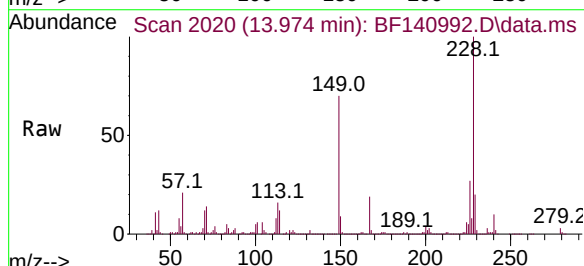
Tgt Ion:149 Resp: 1247822

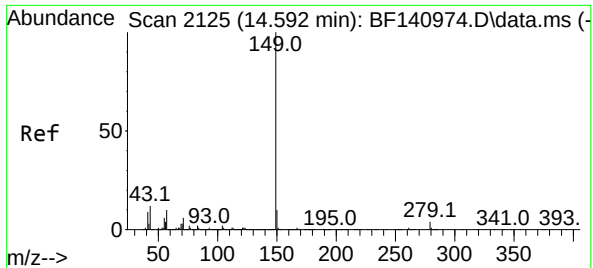
Ion Ratio Lower Upper

149 100

167 27.3 21.6 32.4

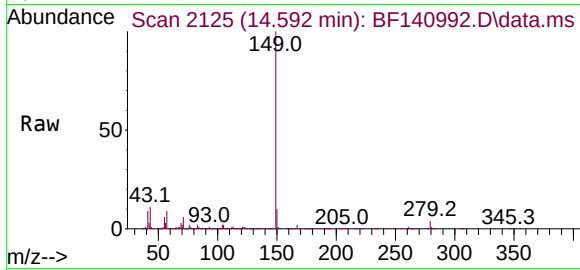
279 4.3 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 55.120 ng
RT: 14.592 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

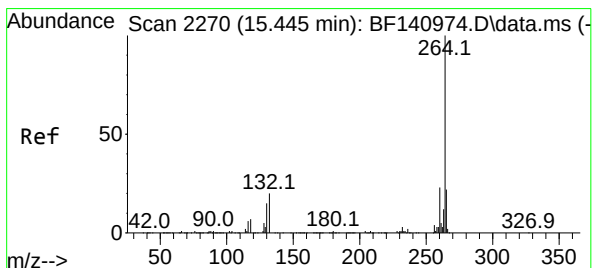
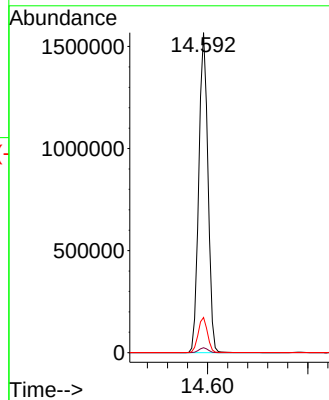
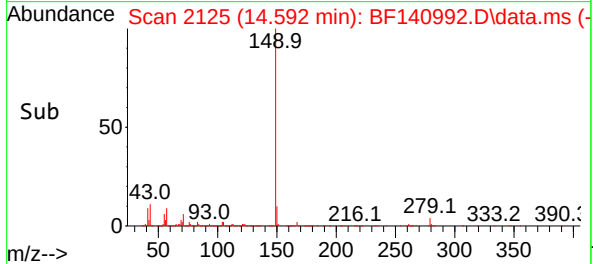
Instrument :
BNA_F
ClientSampleId :
PB165845BS



Tgt Ion:149 Resp: 1974999
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.2 9.3 13.9

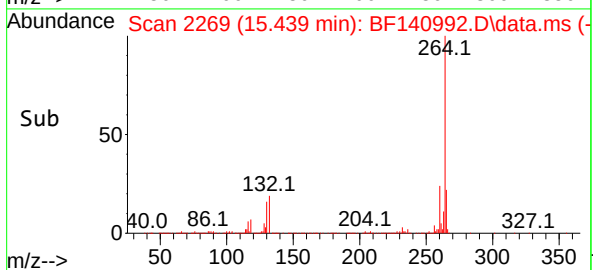
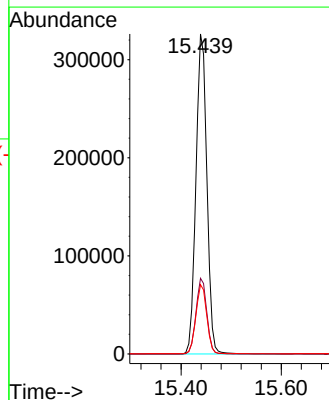
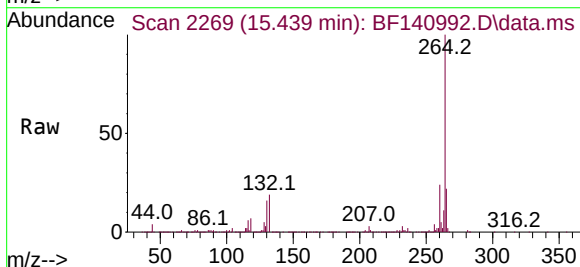
Manual Integrations
APPROVED

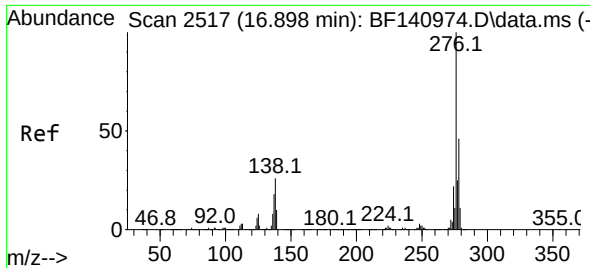
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Tgt Ion:264 Resp: 491502
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 21.6 17.4 26.2





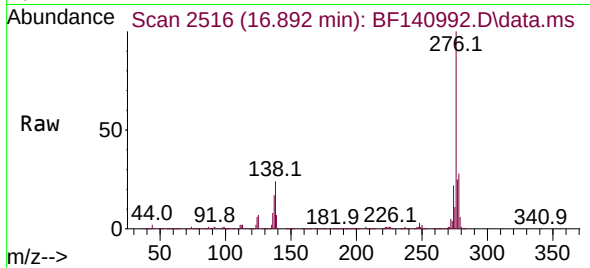
#87
Indeno(1,2,3-cd)pyrene
Concen: 54.700 ng
RT: 16.892 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS

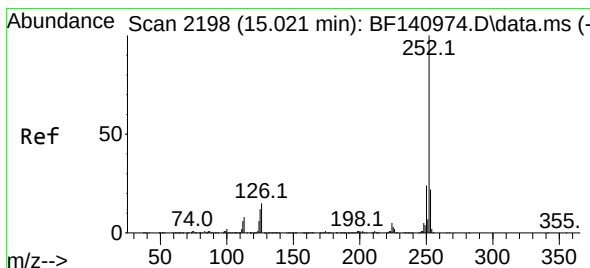
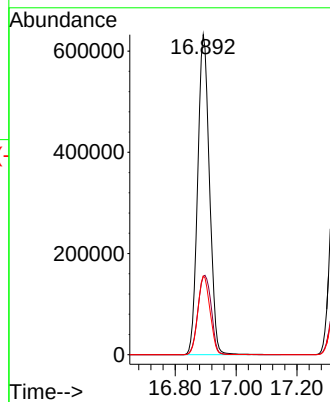
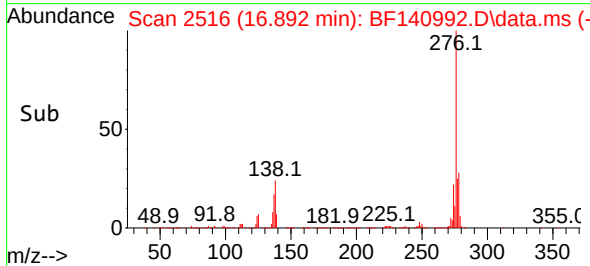


Tgt Ion:276 Resp: 169382
Ion Ratio Lower Upper
276 100
138 28.0 23.1 34.7
277 25.5 20.4 30.6

Manual Integrations

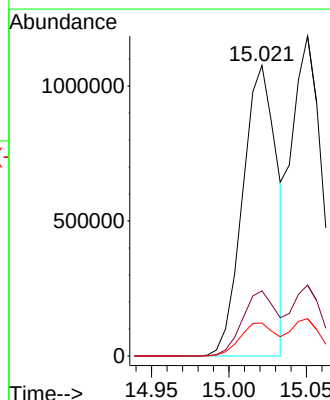
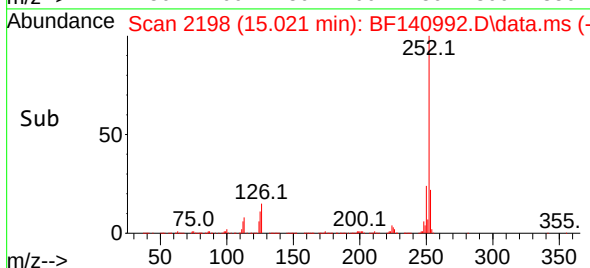
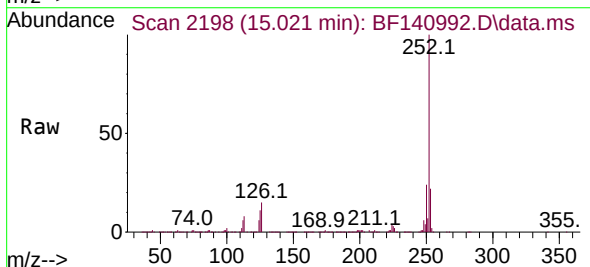
APPROVED

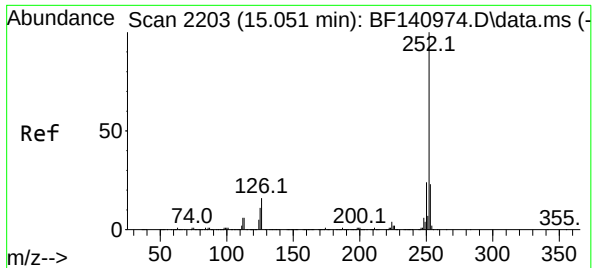
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#88
Benzo(b)fluoranthene
Concen: 47.776 ng
RT: 15.021 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF140992.D
Acq: 27 Dec 2024 13:07

Tgt Ion:252 Resp: 1637731
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 11.4 9.3 13.9





#89

Benzo(k)fluoranthene

Concen: 59.542 ng

RT: 15.051 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF140992.D

Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS

Tgt Ion:252 Resp: 159971

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

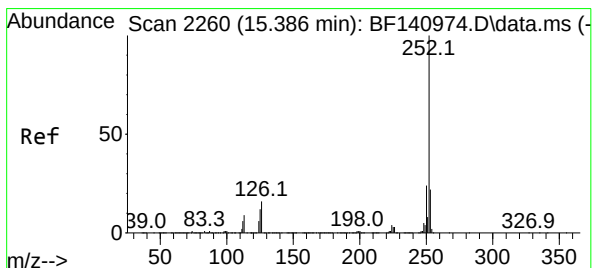
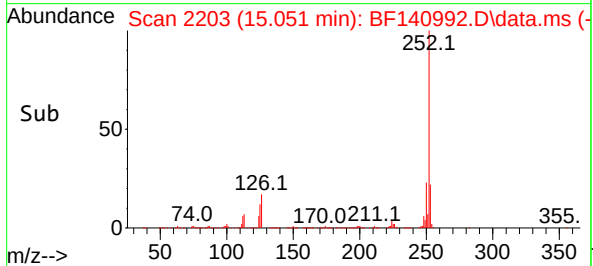
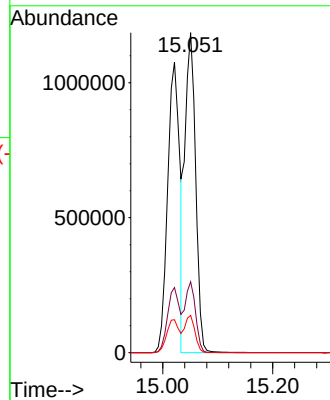
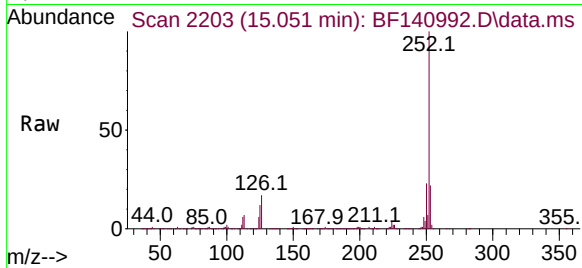
125 11.7 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#90

Benzo(a)pyrene

Concen: 55.772 ng

RT: 15.380 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF140992.D

Acq: 27 Dec 2024 13:07

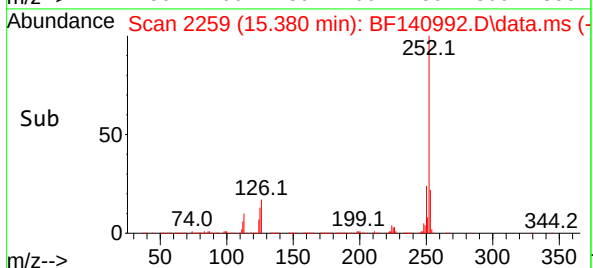
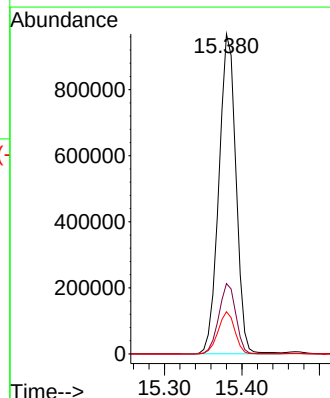
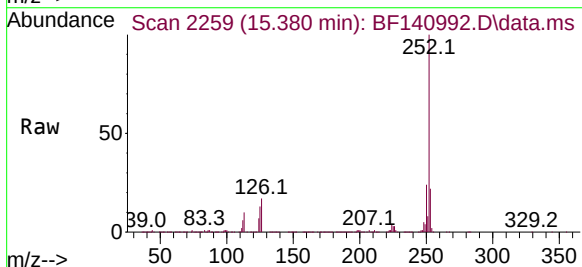
Tgt Ion:252 Resp: 1483916

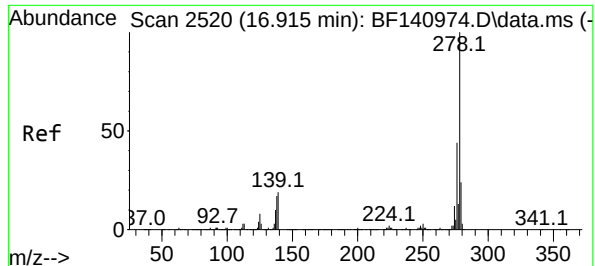
Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 13.2 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 54.573 ng

RT: 16.915 min Scan# 2520

Delta R.T. -0.000 min

Lab File: BF140992.D

Acq: 27 Dec 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB165845BS

Tgt Ion:278 Resp: 136985

Ion Ratio Lower Upper

278 100

139 18.0 14.9 22.3

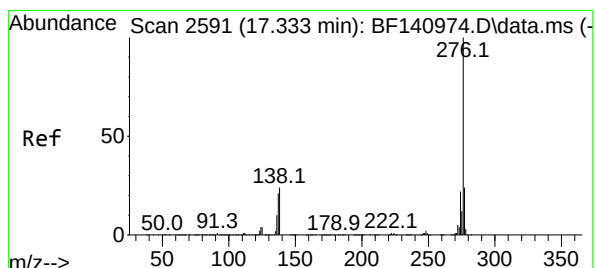
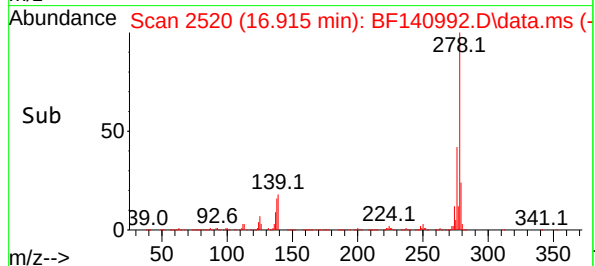
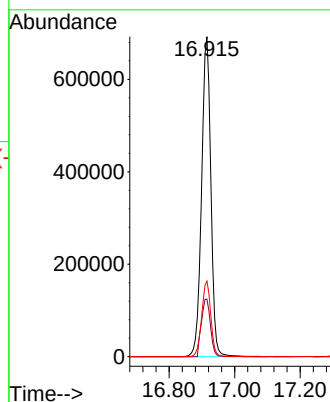
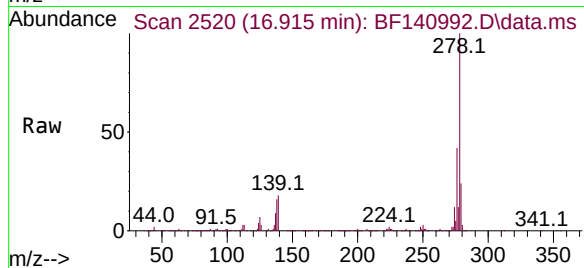
279 23.6 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#92

Benzo(g,h,i)perylene

Concen: 48.828 ng

RT: 17.333 min Scan# 2591

Delta R.T. -0.000 min

Lab File: BF140992.D

Acq: 27 Dec 2024 13:07

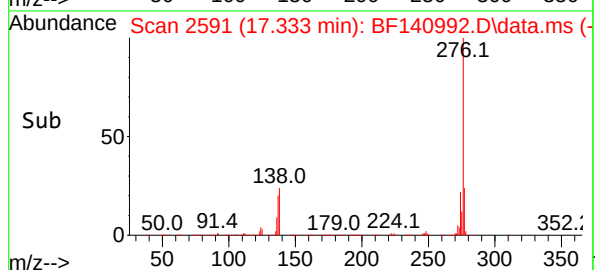
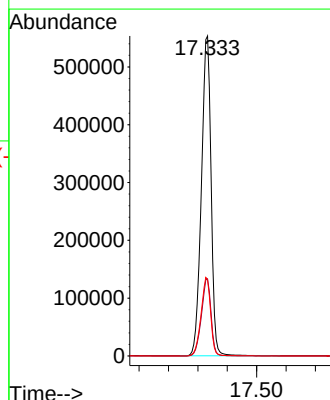
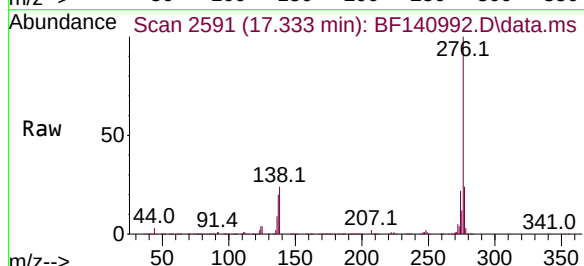
Tgt Ion:276 Resp: 1271204

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.4

138 23.8 19.4 29.2



Report of Analysis

Client:	Kleinfelder	Date Collected:	12/20/24
Project:	Comegys School	Date Received:	12/23/24
Client Sample ID:	COMP-1MS	SDG No.:	P5382
Lab Sample ID:	P5382-01MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	82.8
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BF141005.D	1	12/26/24 09:10	12/27/24 19:05	PB165845

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1700		99.7	210	ug/Kg
86-73-7	Fluorene	1700		100	210	ug/Kg
85-01-8	Phenanthrene	2000		100	210	ug/Kg
120-12-7	Anthracene	2000		100	210	ug/Kg
129-00-0	Pyrene	1800		100	210	ug/Kg
56-55-3	Benzo(a)anthracene	1800		97.4	210	ug/Kg
218-01-9	Chrysene	1900		96.0	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		97.9	210	ug/Kg
50-32-8	Benzo(a)pyrene	2000		110	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		94.3	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		96.7	210	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	73.1		18 - 107	73%	SPK: 100
321-60-8	2-Fluorobiphenyl	61.9		20 - 109	62%	SPK: 100
1718-51-0	Terphenyl-d14	62.7		10 - 105	63%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	275000	6.828			
1146-65-2	Naphthalene-d8	1110000	8.11			
15067-26-2	Acenaphthene-d10	589000	9.857			
1517-22-2	Phenanthrene-d10	919000	11.345			
1719-03-5	Chrysene-d12	544000	13.98			
1520-96-3	Perylene-d12	580000	15.433			

Report of Analysis

Client:	Kleinfelder	Date Collected:	12/20/24
Project:	Comegys School	Date Received:	12/23/24
Client Sample ID:	COMP-1MS	SDG No.:	P5382
Lab Sample ID:	P5382-01MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	82.8
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BF141005.D	1	12/26/24 09:10	12/27/24 19:05	PB165845

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\BF122724\
 Data File : BF141005.D
 Acq On : 27 Dec 2024 19:05
 Operator : RC/JU
 Sample : P5382-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/30/2024
 Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 27 22:20:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	274904	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1107161	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	588572	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	918746	20.000	ng	0.00
76) Chrysene-d12	13.980	240	544083	20.000	ng	0.00
86) Perylene-d12	15.433	264	580377	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1610353	88.300	ng	0.00
7) Phenol-d6	6.445	99	2084728	88.736	ng	0.00
23) Nitrobenzene-d5	7.387	82	1264804	73.087	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	567969	99.309	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	2287273	61.915	ng	0.00
79) Terphenyl-d14	12.927	244	2053110	62.678	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.640	88	331887	40.197	ng	99
3) Pyridine	3.375	79	859712	42.607	ng	100
4) n-Nitrosodimethylamine	3.322	42	446979	43.720	ng	99
6) Aniline	6.487	93	704910	33.643	ng	99
8) 2-Chlorophenol	6.604	128	888272	46.197	ng	99
9) Benzaldehyde	6.369	77	169069	8.126	ng	98
10) Phenol	6.463	94	1132432	46.616	ng	100
11) bis(2-Chloroethyl)ether	6.563	93	825545	42.087	ng	99
12) 1,3-Dichlorobenzene	6.763	146	885886	41.748	ng	99
13) 1,4-Dichlorobenzene	6.845	146	899170	42.034	ng	99
14) 1,2-Dichlorobenzene	6.992	146	863076	43.273	ng	99
15) Benzyl Alcohol	6.963	79	780036	46.204	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.098	45	1324514	44.651	ng	99
17) 2-Methylphenol	7.075	107	716296	44.842	ng	100
18) Hexachloroethane	7.340	117	331406	43.612	ng	99
19) n-Nitroso-di-n-propyla...	7.240	70	627535	43.600	ng	100
20) 3+4-Methylphenols	7.228	107	889352	43.996	ng	# 86
22) Acetophenone	7.234	105	1151551	42.398	ng	97
24) Nitrobenzene	7.404	77	927062	47.943	ng	98
25) Isophorone	7.645	82	1683325	44.701	ng	99
26) 2-Nitrophenol	7.722	139	434741	54.103	ng	100
27) 2,4-Dimethylphenol	7.757	122	727306	52.847	ng	100
28) bis(2-Chloroethoxy)met...	7.857	93	1024710	42.948	ng	99
29) 2,4-Dichlorophenol	7.957	162	712675	45.658	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	733559	41.522	ng	99
31) Naphthalene	8.128	128	2476162	42.443	ng	100
32) Benzoic acid	7.869	122	551379	48.574	ng	98
33) 4-Chloroaniline	8.175	127	234538	11.112	ng	98
34) Hexachlorobutadiene	8.245	225	434954	41.762	ng	100
35) Caprolactam	8.539	113	236688m	44.605	ng	
36) 4-Chloro-3-methylphenol	8.651	107	770907	44.472	ng	100
37) 2-Methylnaphthalene	8.816	142	1619398	43.389	ng	99
38) 1-Methylnaphthalene	8.916	142	1499893	40.891	ng	99
40) 1,2,4,5-Tetrachloroben...	8.981	216	709155	43.796	ng	99
41) Hexachlorocyclopentadiene	8.975	237	679758	126.680	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	509264	47.255	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
 Data File : BF141005.D
 Acq On : 27 Dec 2024 19:05
 Operator : RC/JU
 Sample : P5382-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/30/2024
 Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 27 22:20:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	501998	45.525	ng	99
46) 1,1'-Biphenyl	9.281	154	1936042	42.960	ng	100
47) 2-Chloronaphthalene	9.304	162	1474030	42.173	ng	100
48) 2-Nitroaniline	9.398	65	481313	52.190	ng	96
49) Acenaphthylene	9.722	152	2278843	45.291	ng	99
50) Dimethylphthalate	9.586	163	1738039	44.894	ng	100
51) 2,6-Dinitrotoluene	9.639	165	384239	48.617	ng	99
52) Acenaphthene	9.892	154	1637493	48.139	ng	99
53) 3-Nitroaniline	9.804	138	220726	27.224	ng	# 94
54) 2,4-Dinitrophenol	9.910	184	295322	89.242	ng	# 1
55) Dibenzofuran	10.069	168	2096942	43.866	ng	99
56) 4-Nitrophenol	9.963	139	610043	92.118	ng	97
57) 2,4-Dinitrotoluene	10.045	165	508760	52.223	ng	97
58) Fluorene	10.410	166	1575122	42.491	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.181	232	433475	47.466	ng	98
60) Diethylphthalate	10.286	149	1681764	44.002	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	765531	42.918	ng	98
62) 4-Nitroaniline	10.422	138	355834	41.938	ng	93
63) Azobenzene	10.563	77	1896935	47.286	ng	95
65) 4,6-Dinitro-2-methylph...	10.451	198	210972	55.726	ng	93
66) n-Nitrosodiphenylamine	10.522	169	1421663	49.140	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	497301	50.072	ng	96
68) Hexachlorobenzene	10.951	284	518836	47.376	ng	97
69) Atrazine	11.045	200	460916	57.027	ng	99
70) Pentachlorophenol	11.145	266	602620	88.381	ng	100
71) Phenanthrene	11.369	178	2431801	50.291	ng	99
72) Anthracene	11.422	178	2296625	48.471	ng	100
73) Carbazole	11.575	167	1888916	41.470	ng	100
74) Di-n-butylphthalate	11.910	149	2404518	46.413	ng	100
75) Fluoranthene	12.557	202	2222434	42.378	ng	99
77) Benzidine	12.674	184	491483	42.743	ng	99
78) Pyrene	12.780	202	2184966	45.918	ng	100
80) Butylbenzylphthalate	13.410	149	783009	45.064	ng	100
81) Benzo(a)anthracene	13.969	228	1680387	44.315	ng	100
82) 3,3'-Dichlorobenzidine	13.933	252	358685	31.484	ng	100
83) Chrysene	14.010	228	1637728	47.910	ng	100
84) Bis(2-ethylhexyl)phtha...	13.969	149	998268	44.292	ng	99
85) Di-n-octyl phthalate	14.586	149	1744116	53.466	ng	99
87) Indeno(1,2,3-cd)pyrene	16.880	276	1455910	39.817	ng	99
88) Benzo(b)fluoranthene	15.015	252	1825516	45.099	ng	99
89) Benzo(k)fluoranthene	15.045	252	1573880	49.610	ng	99
90) Benzo(a)pyrene	15.374	252	1591826	50.666	ng	99
91) Dibenzo(a,h)anthracene	16.898	278	1169470	39.456	ng	100
92) Benzo(g,h,i)perylene	17.315	276	1036393	33.712	ng	100

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

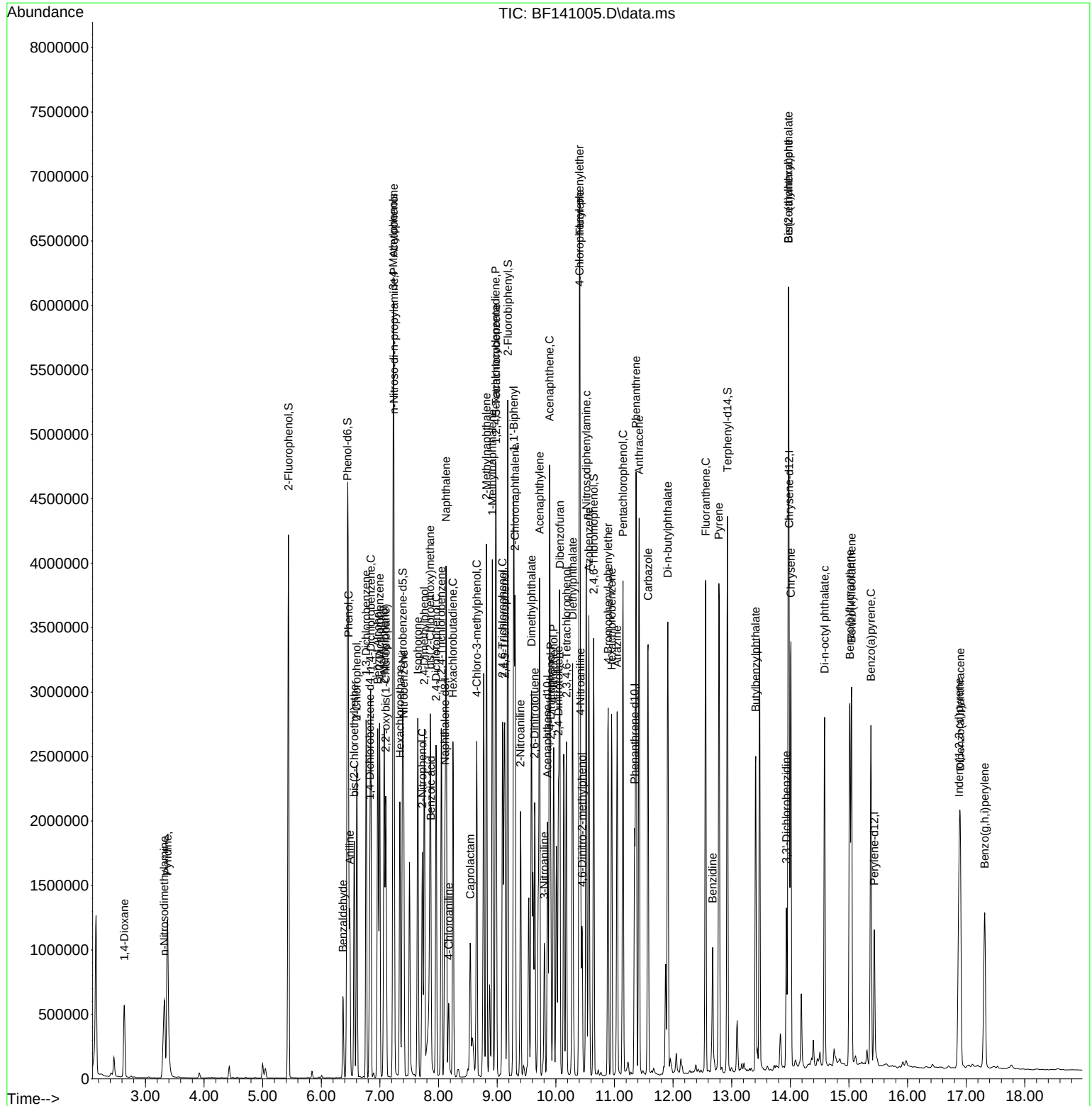
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\  
Data File : BF141005.D  
Acq On    : 27 Dec 2024   19:05  
Operator  : RC/JU  
Sample    : P5382-01MS  
Misc      :  
ALS Vial  : 13    Sample Multiplier: 1
```

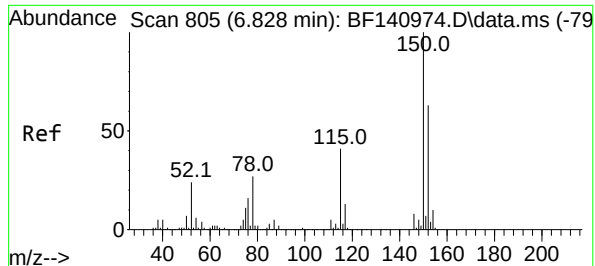
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

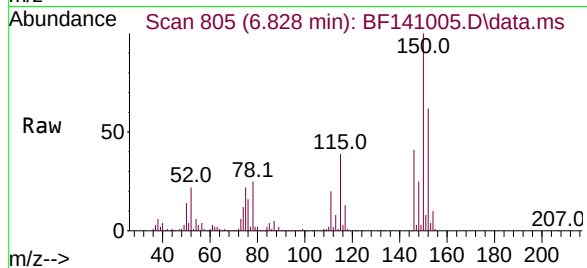
Quant Time: Dec 27 22:20:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:31:16 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

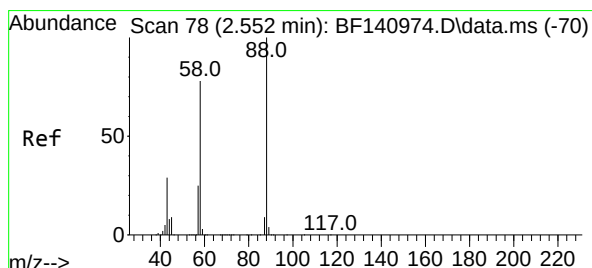
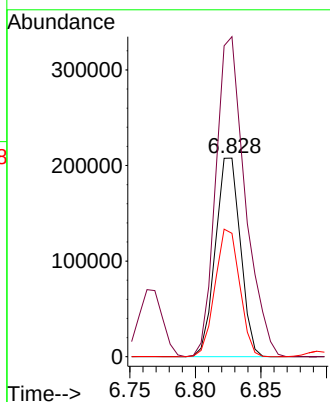
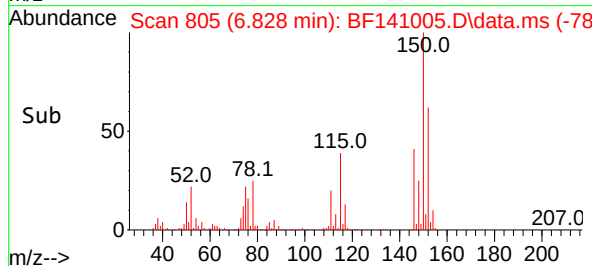
Instrument :
BNA_F
ClientSampleId :
COMP-1MS



Tgt Ion:152 Resp: 274904
Ion Ratio Lower Upper
152 100
150 161.2 127.0 190.6
115 62.2 51.7 77.5

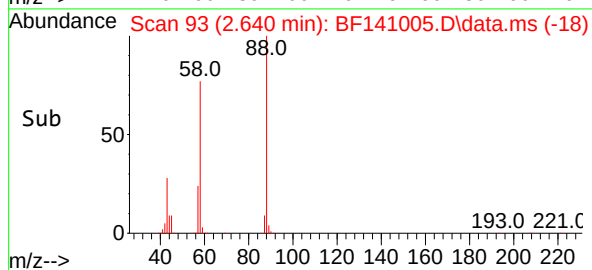
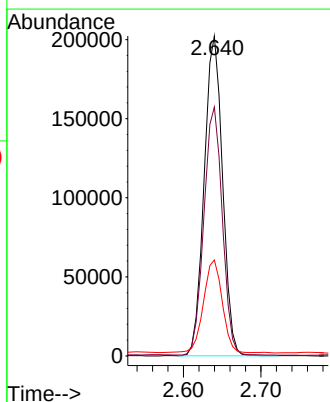
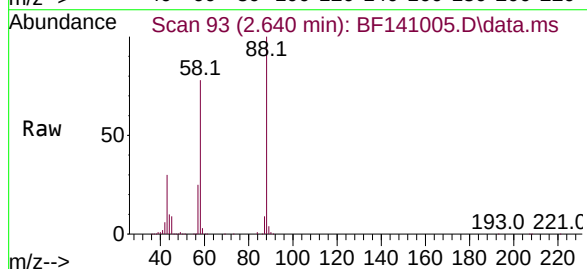
Manual Integrations
APPROVED

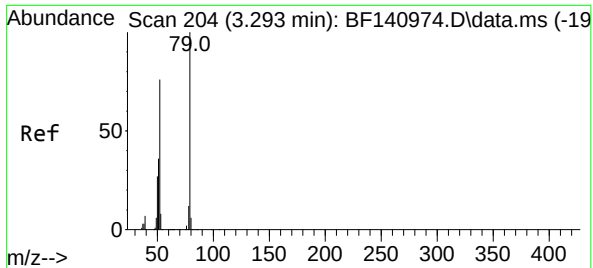
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#2
1,4-Dioxane
Concen: 40.197 ng
RT: 2.640 min Scan# 93
Delta R.T. 0.088 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

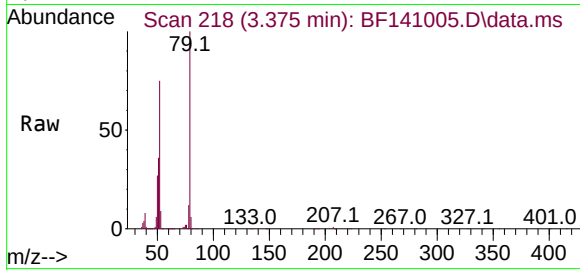
Tgt Ion: 88 Resp: 331887
Ion Ratio Lower Upper
88 100
58 78.2 63.0 94.4
43 29.6 23.4 35.2





#3
Pyridine
Concen: 42.607 ng
RT: 3.375 min Scan# 218
Delta R.T. 0.082 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

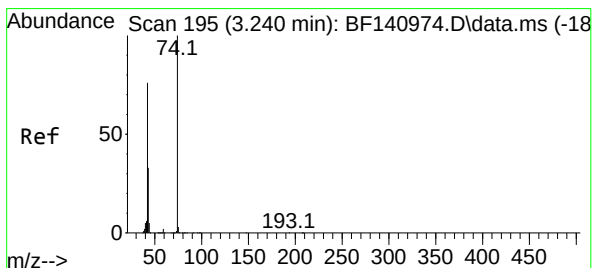
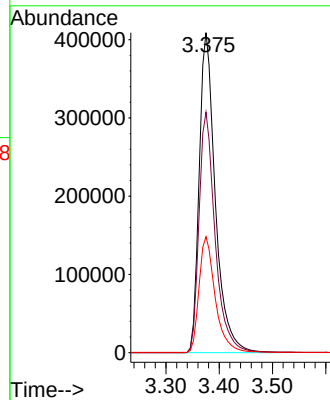
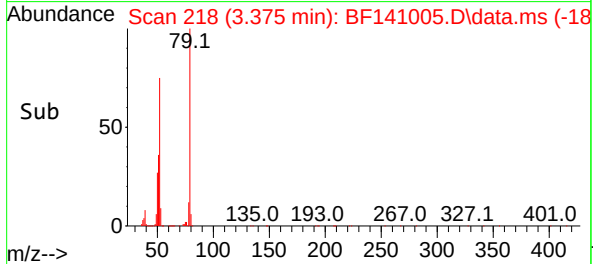
Instrument :
BNA_F
ClientSampleId :
COMP-1MS



Tgt Ion: 79 Resp: 859712
Ion Ratio Lower Upper
79 100
52 75.1 60.4 90.6
51 36.2 28.8 43.2

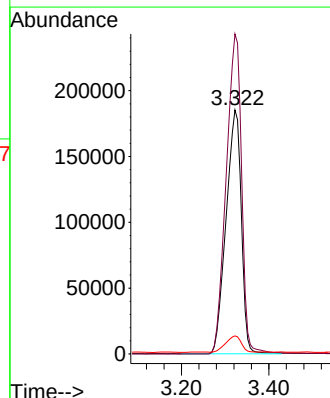
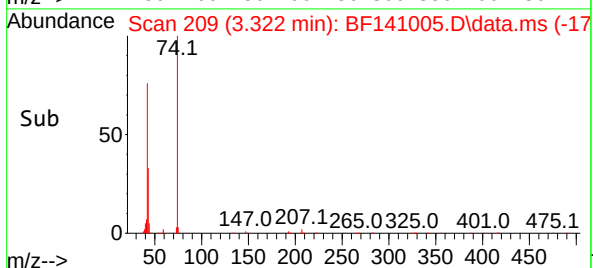
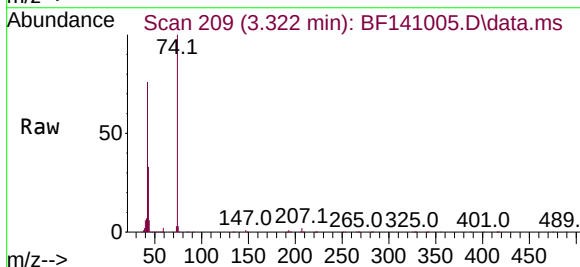
Manual Integrations
APPROVED

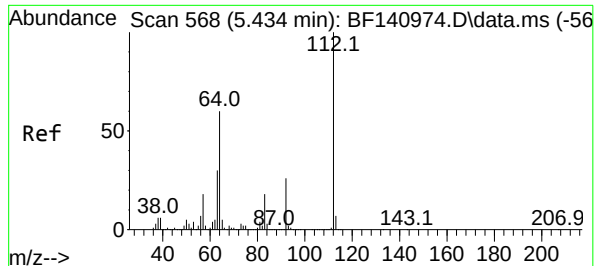
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#4
n-Nitrosodimethylamine
Concen: 43.720 ng
RT: 3.322 min Scan# 209
Delta R.T. 0.082 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

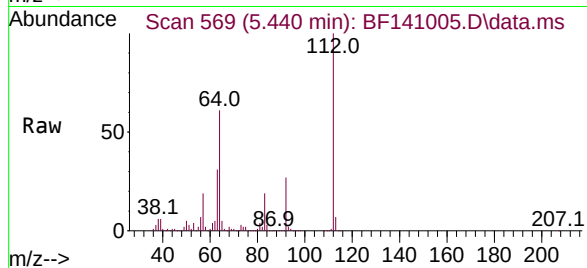
Tgt Ion: 42 Resp: 446979
Ion Ratio Lower Upper
42 100
74 131.1 105.8 158.6
44 7.4 6.6 10.0





#5
2-Fluorophenol
Concen: 88.300 ng
RT: 5.440 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

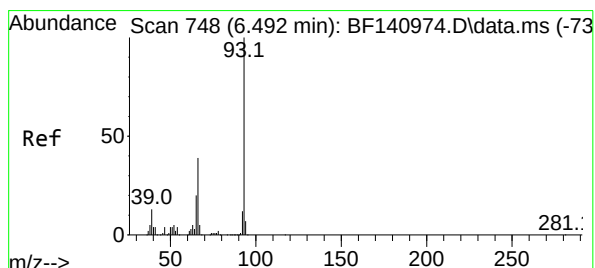
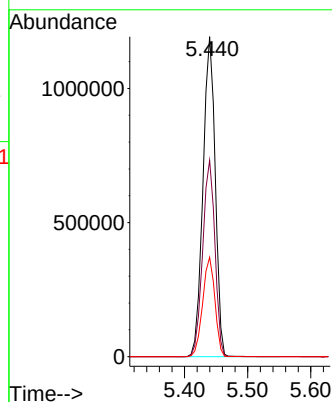
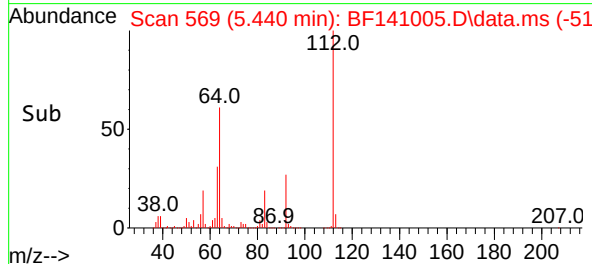
Instrument :
BNA_F
ClientSampleId :
COMP-1MS



Tgt Ion: 112 Resp: 161035
Ion Ratio Lower Upper
112 100
64 61.4 47.7 71.5
63 31.1 24.2 36.2

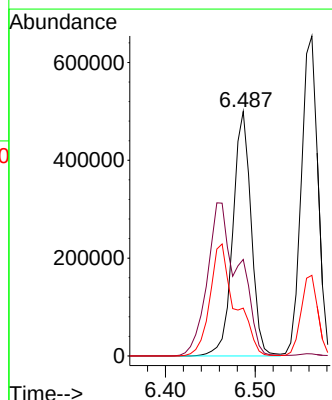
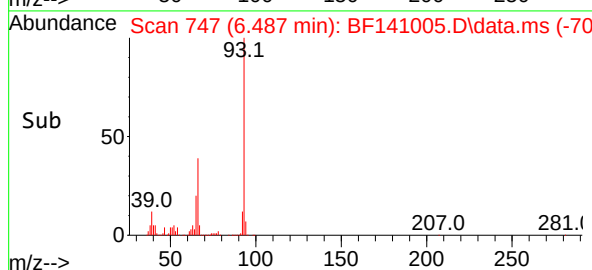
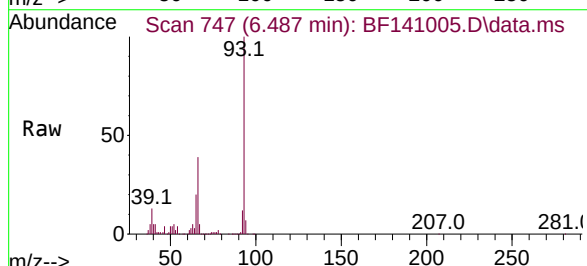
Manual Integrations
APPROVED

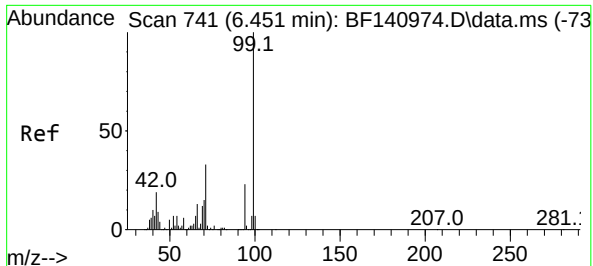
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#6
Aniline
Concen: 33.643 ng
RT: 6.487 min Scan# 747
Delta R.T. -0.024 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

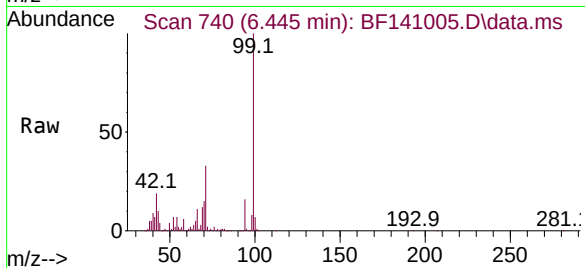
Tgt Ion: 93 Resp: 704910
Ion Ratio Lower Upper
93 100
66 39.5 31.8 47.8
65 19.6 15.4 23.0





#7
Phenol-d6
Concen: 88.736 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

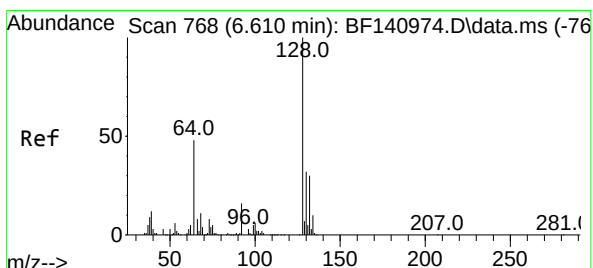
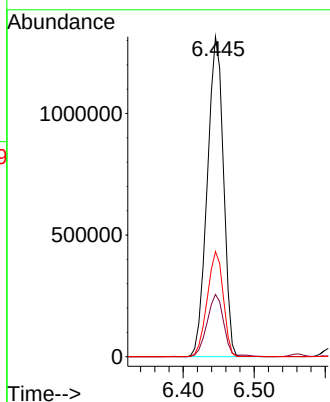
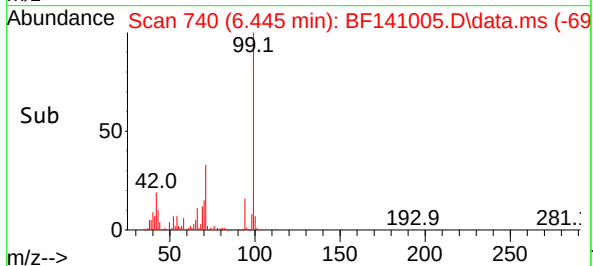
Instrument :
BNA_F
ClientSampleId :
COMP-1MS



Tgt Ion: 99 Resp: 2084728
Ion Ratio Lower Upper
99 100
42 19.4 15.0 22.4
71 32.9 26.2 39.2

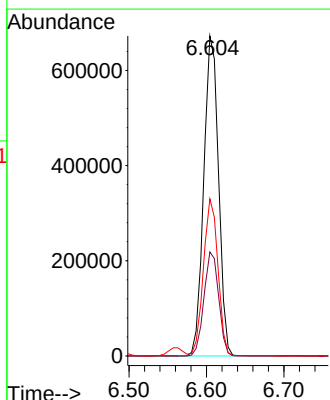
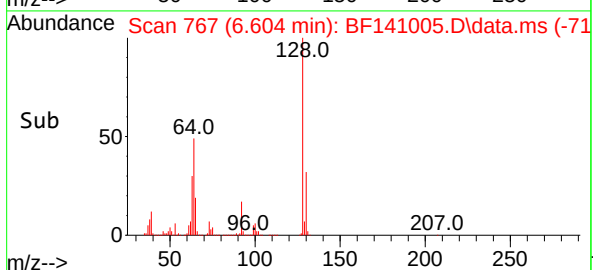
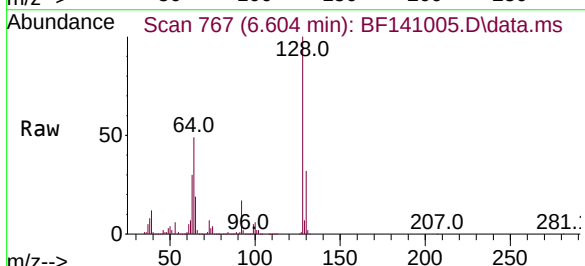
Manual Integrations
APPROVED

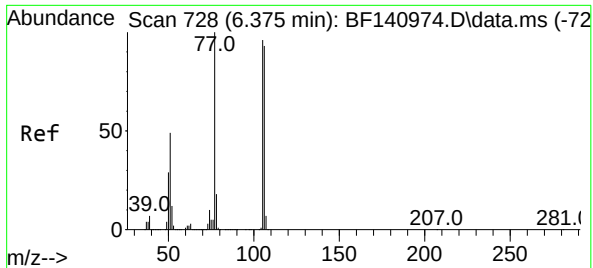
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#8
2-Chlorophenol
Concen: 46.197 ng
RT: 6.604 min Scan# 767
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Tgt Ion:128 Resp: 888272
Ion Ratio Lower Upper
128 100
130 32.5 12.2 52.2
64 49.1 30.3 70.3





#9

Benzaldehyde

Concen: 8.126 ng

RT: 6.369 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141005.D

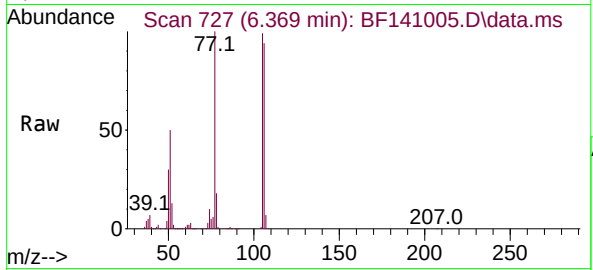
Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

COMP-1MS



Tgt Ion: 77 Resp: 169069

Ion Ratio Lower Upper

77 100

105 98.5 76.2 116.2

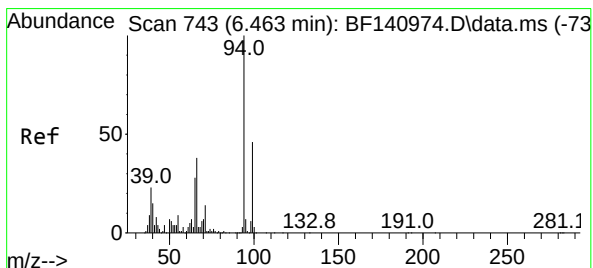
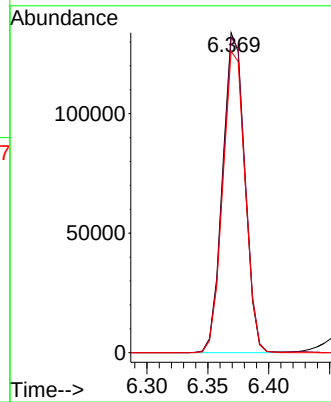
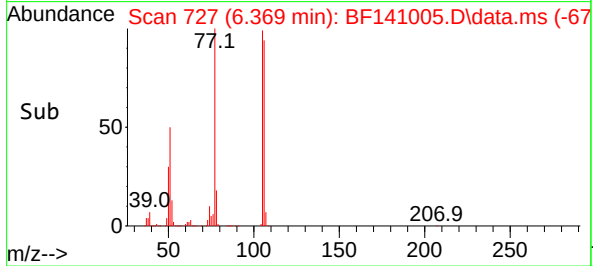
106 94.3 73.4 113.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#10

Phenol

Concen: 46.616 ng

RT: 6.463 min Scan# 743

Delta R.T. 0.000 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

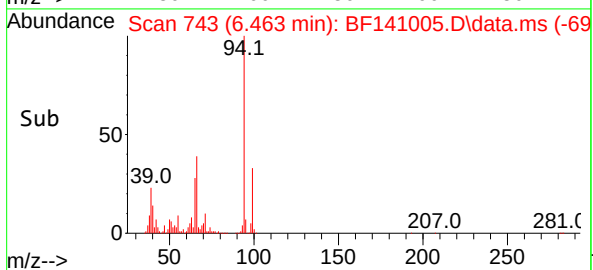
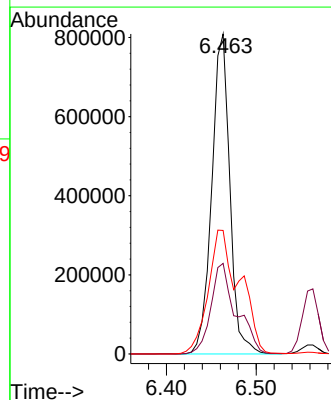
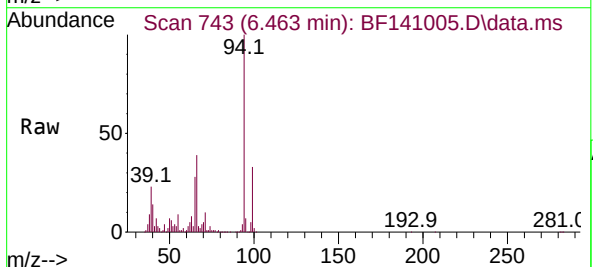
Tgt Ion: 94 Resp: 1132432

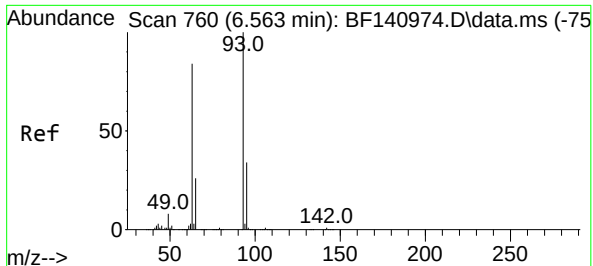
Ion Ratio Lower Upper

94 100

65 28.3 8.1 48.1

66 38.6 18.7 58.7





#11

bis(2-Chloroethyl)ether

Concen: 42.087 ng

RT: 6.563 min Scan# 70

Delta R.T. 0.000 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

Tgt Ion: 93 Resp: 82554

Ion Ratio Lower Upper

93 100

63 79.2 60.3 100.3

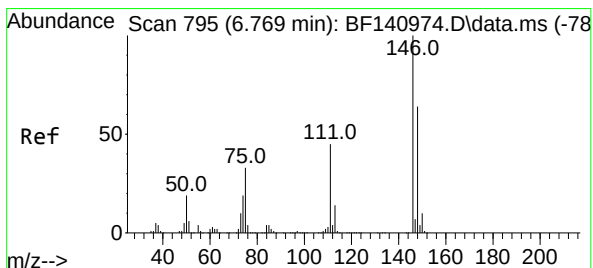
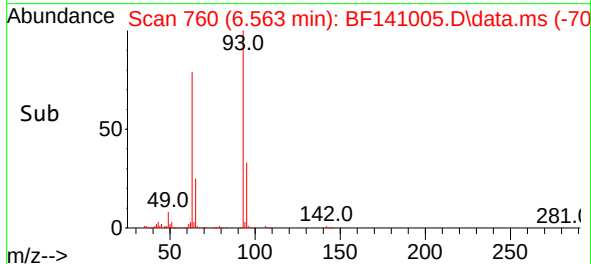
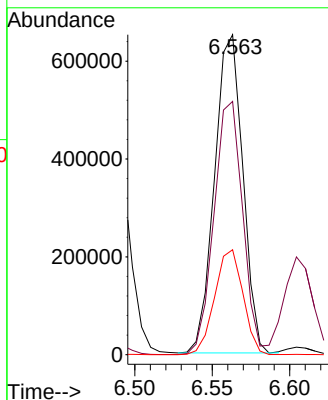
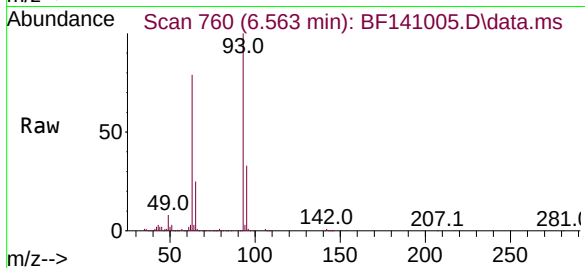
95 32.8 12.2 52.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#12

1,3-Dichlorobenzene

Concen: 41.748 ng

RT: 6.763 min Scan# 794

Delta R.T. -0.006 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

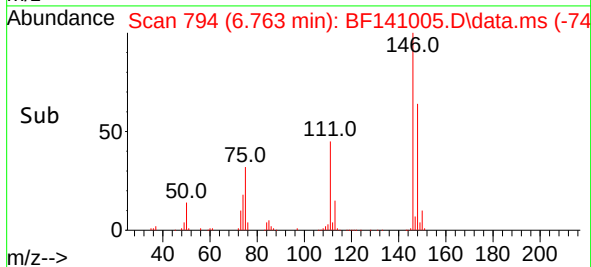
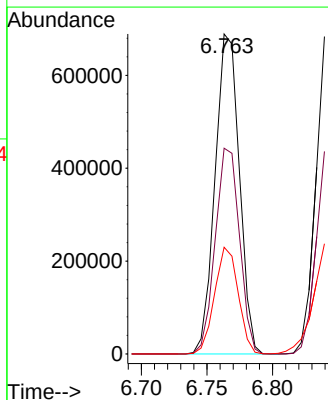
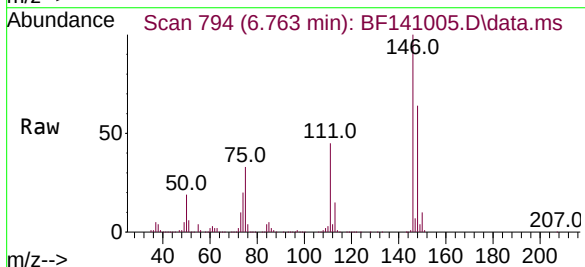
Tgt Ion:146 Resp: 885886

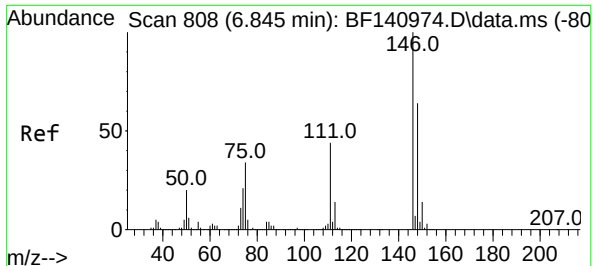
Ion Ratio Lower Upper

146 100

148 64.3 51.0 76.4

75 33.3 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 42.034 ng

RT: 6.845 min Scan# 808

Delta R.T. 0.000 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

Tgt Ion:146 Resp: 899170

Ion Ratio Lower Upper

146 100

148 64.7 51.3 76.9

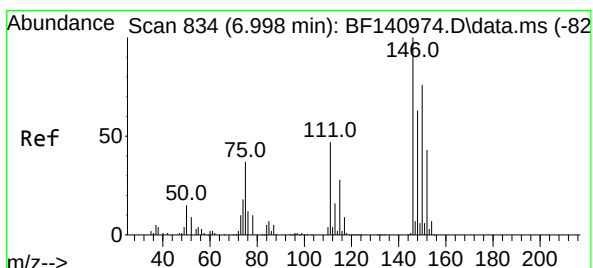
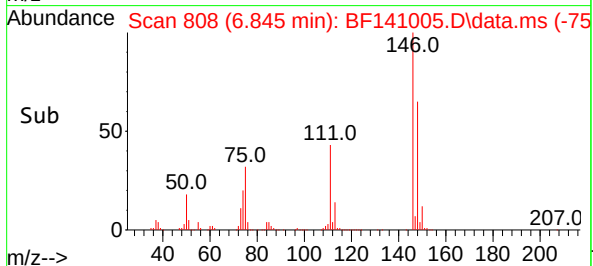
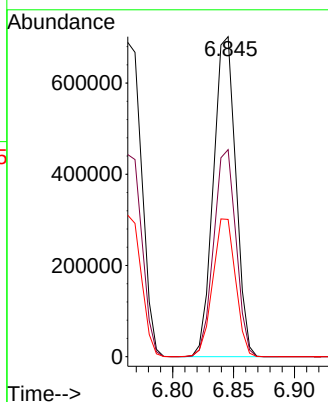
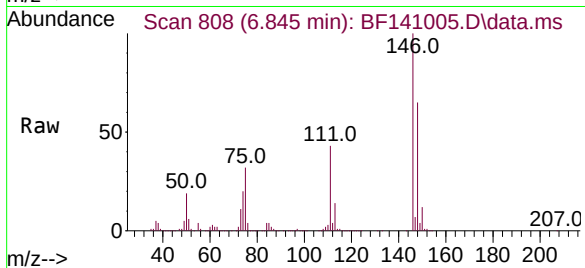
111 42.9 35.3 52.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#14

1,2-Dichlorobenzene

Concen: 43.273 ng

RT: 6.992 min Scan# 833

Delta R.T. -0.006 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

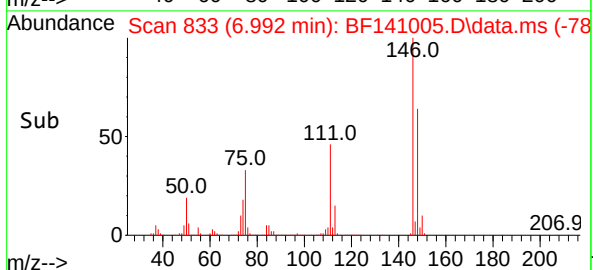
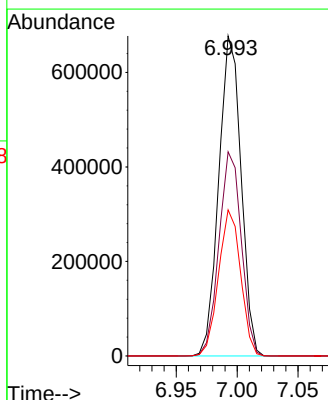
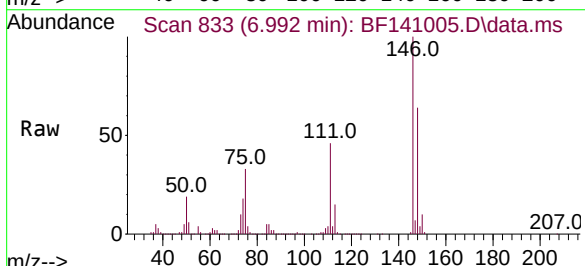
Tgt Ion:146 Resp: 863076

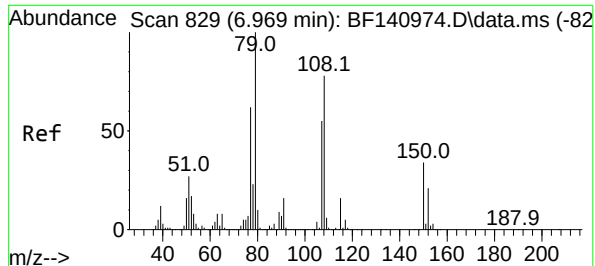
Ion Ratio Lower Upper

146 100

148 63.8 50.6 76.0

111 45.7 37.3 55.9





#15

Benzyl Alcohol

Concen: 46.204 ng

RT: 6.963 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

Tgt Ion: 79 Resp: 780030

Ion Ratio Lower Upper

79 100

108 77.8 62.5 93.7

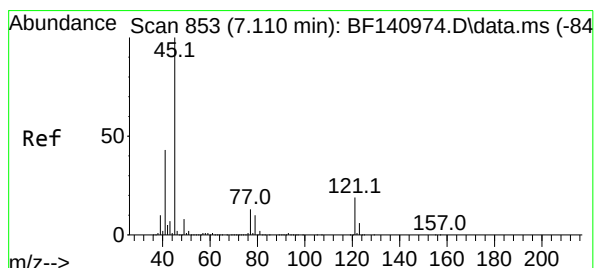
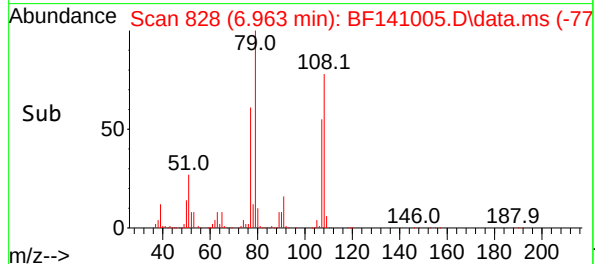
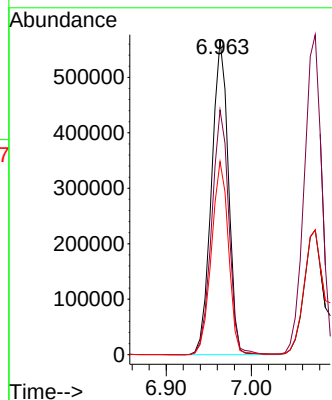
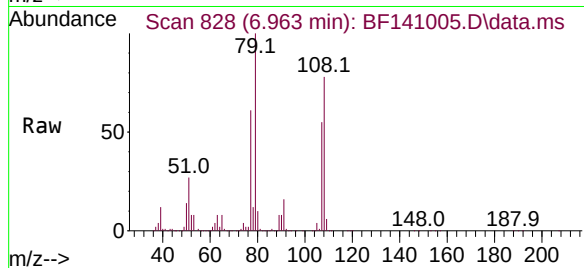
77 61.4 49.3 73.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.651 ng

RT: 7.098 min Scan# 851

Delta R.T. -0.012 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

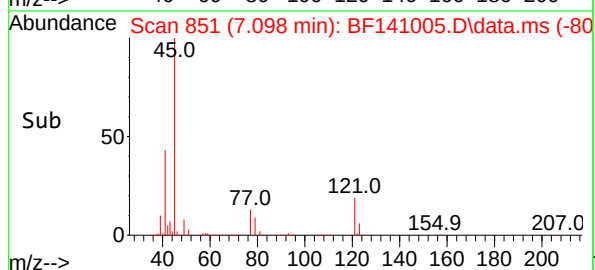
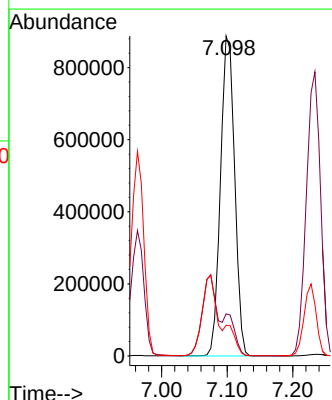
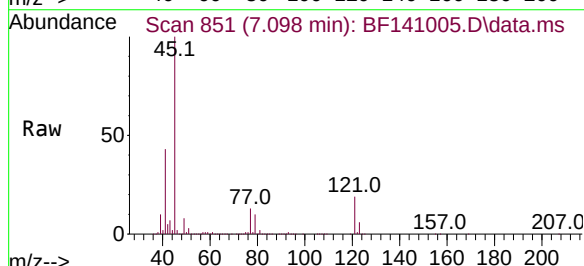
Tgt Ion: 45 Resp: 1324514

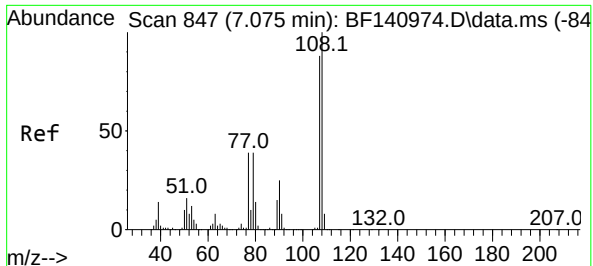
Ion Ratio Lower Upper

45 100

77 13.2 0.0 33.1

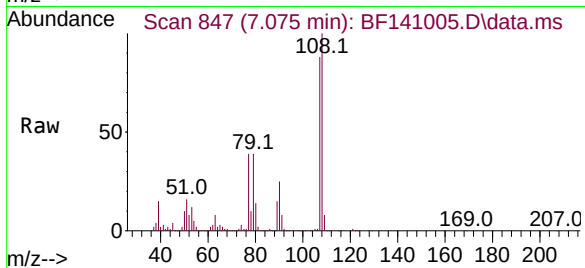
79 9.6 0.0 30.1





#17
2-Methylphenol
Concen: 44.842 ng
RT: 7.075 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

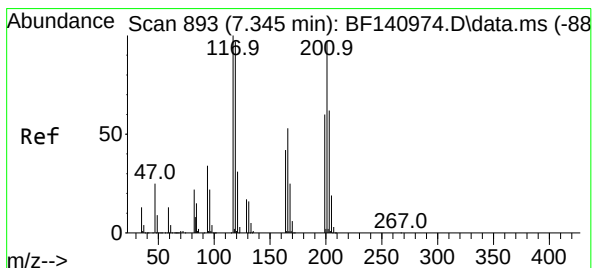
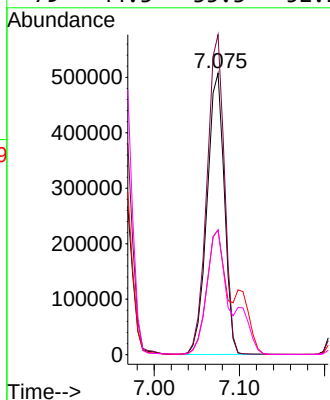
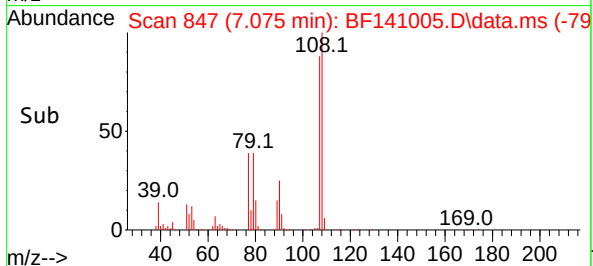
Instrument :
BNA_F
ClientSampleId :
COMP-1MS



Tgt Ion:107 Resp: 716290
Ion Ratio Lower Upper
107 100
108 113.7 90.6 136.0
77 44.4 35.3 52.9
79 44.3 35.3 52.9

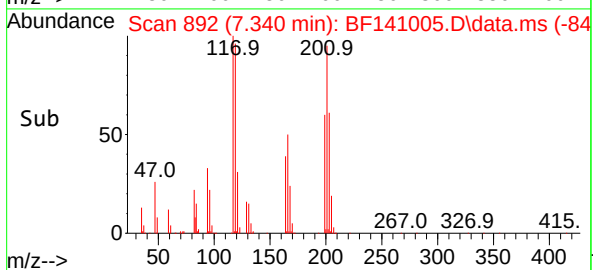
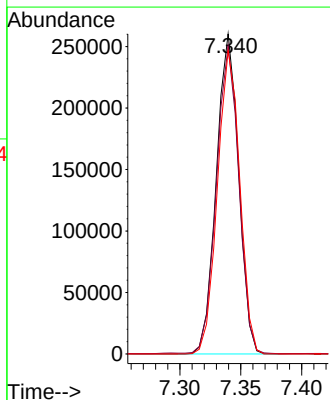
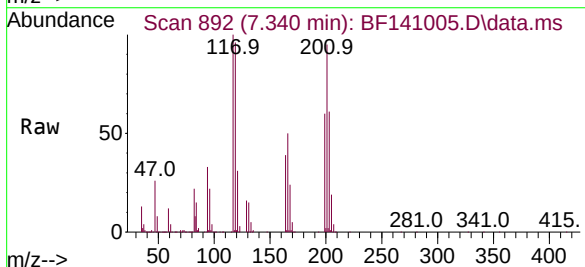
Manual Integrations
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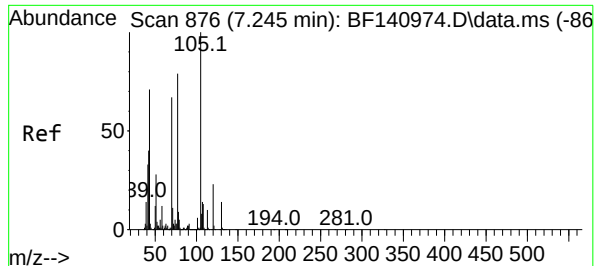
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#18
Hexachloroethane
Concen: 43.612 ng
RT: 7.340 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Tgt Ion:117 Resp: 331406
Ion Ratio Lower Upper
117 100
119 96.3 77.5 116.3
201 94.8 77.4 116.2





#19

n-Nitroso-di-n-propylamine

Concen: 43.600 ng

RT: 7.240 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

Tgt Ion: 70 Resp: 62753

Ion Ratio Lower Upper

70 100

42 60.0 48.1 72.1

101 9.7 7.6 11.4

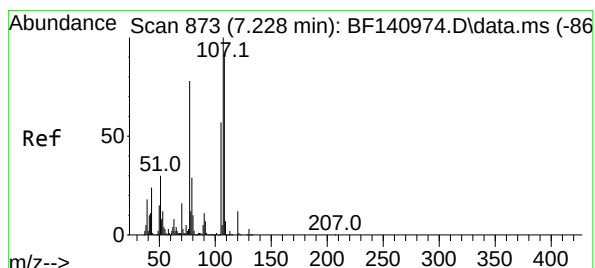
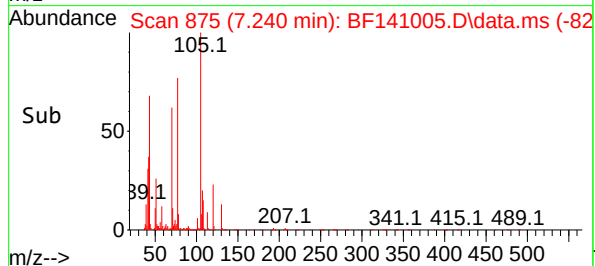
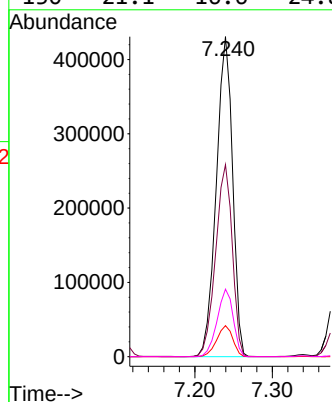
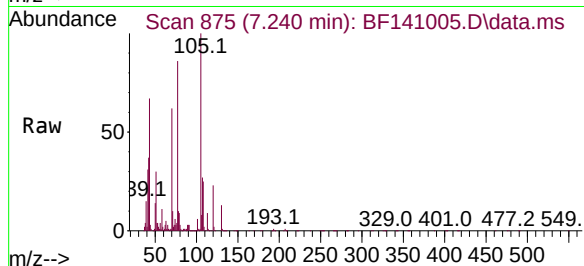
130 21.1 16.6 24.8

Manual Integrations

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Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#20

3+4-Methylphenols

Concen: 43.996 ng

RT: 7.228 min Scan# 873

Delta R.T. 0.000 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

Tgt Ion:107 Resp: 889352

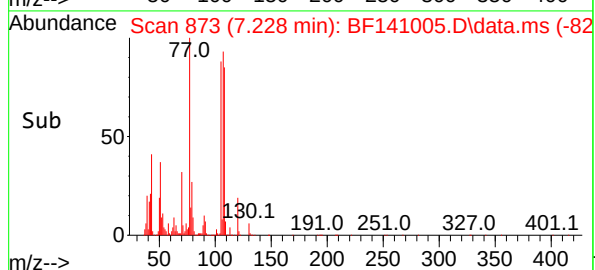
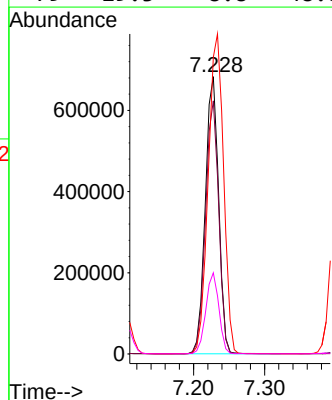
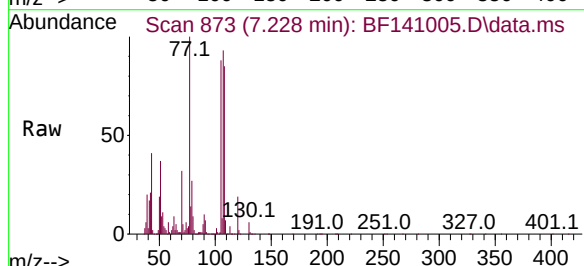
Ion Ratio Lower Upper

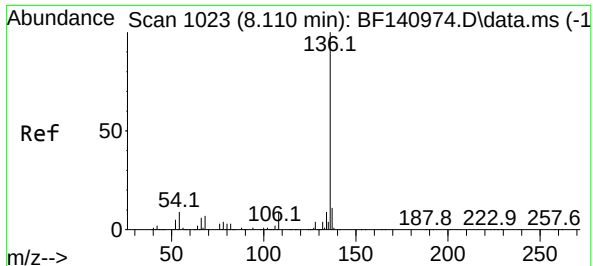
107 100

108 91.3 69.6 109.6

77 107.0 57.6 97.6#

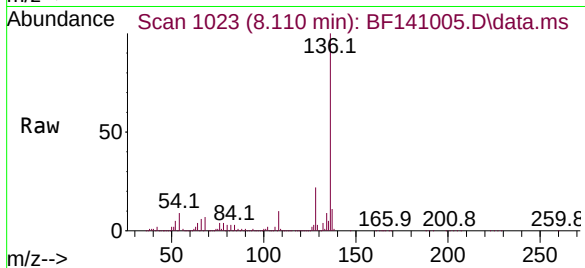
79 29.3 8.8 48.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

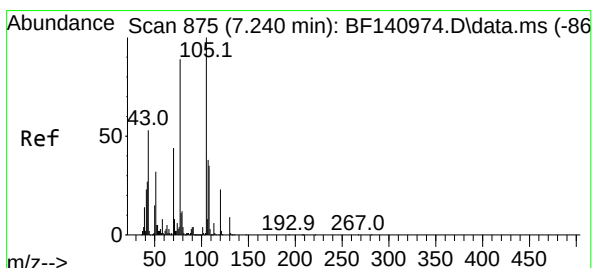
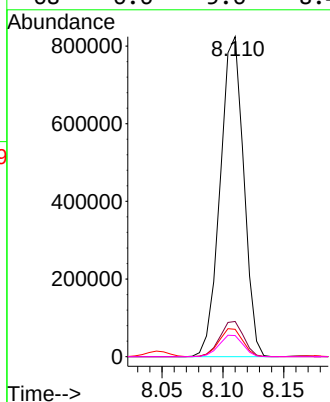
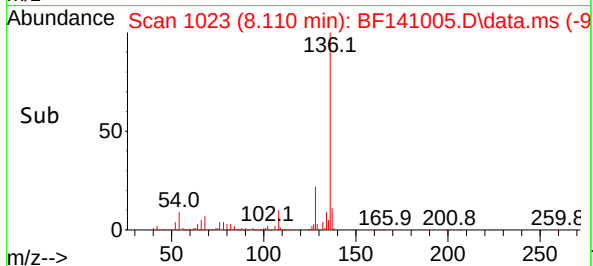
Instrument :
BNA_F
ClientSampleId :
COMP-1MS



Tgt Ion:136 Resp: 110716
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.5 7.6 11.4
68 6.6 5.6 8.4

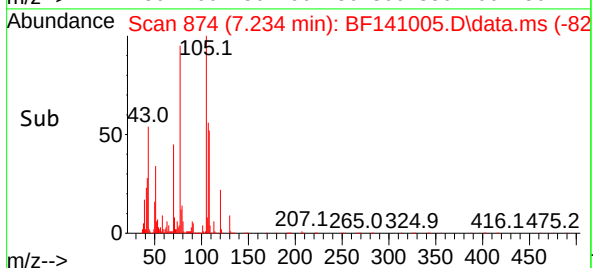
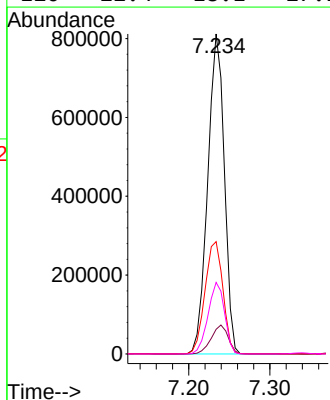
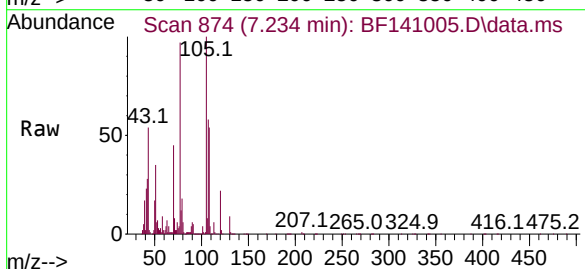
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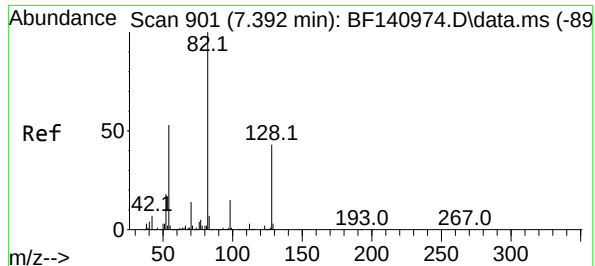
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#22
Acetophenone
Concen: 42.398 ng
RT: 7.234 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Tgt Ion:105 Resp: 1151551
Ion Ratio Lower Upper
105 100
71 7.7 6.1 9.1
51 35.1 25.8 38.6
120 22.4 18.1 27.1





#23

Nitrobenzene-d5

Concen: 73.087 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

Tgt Ion: 82 Resp: 1264804

Ion Ratio Lower Upper

82 100

128 44.3 34.4 51.6

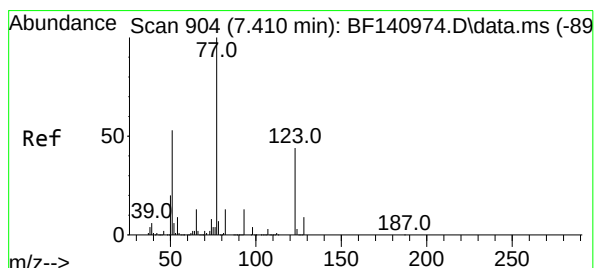
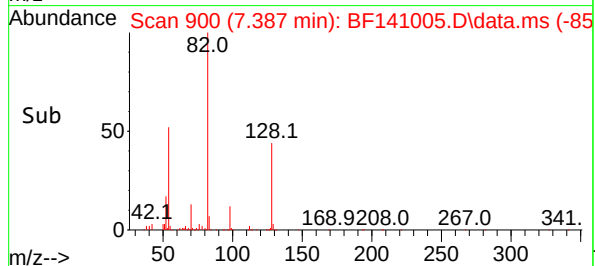
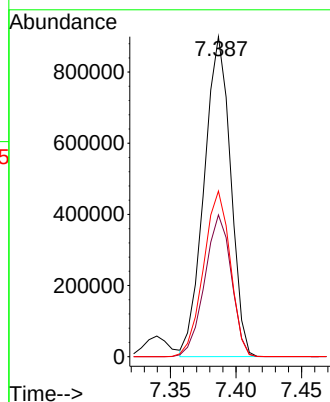
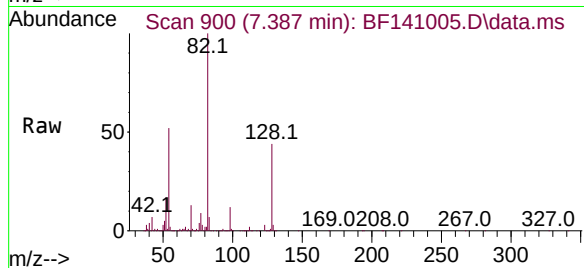
54 51.8 42.4 63.6

Manual Integrations

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Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#24

Nitrobenzene

Concen: 47.943 ng

RT: 7.404 min Scan# 903

Delta R.T. -0.006 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

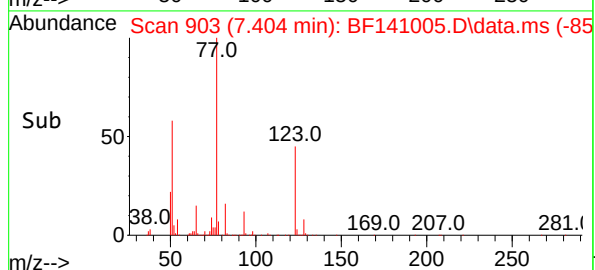
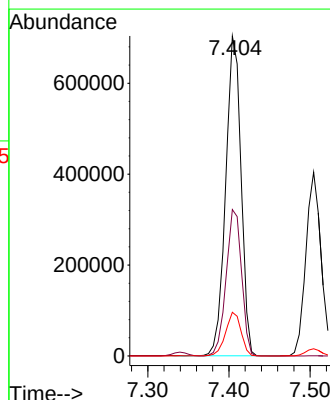
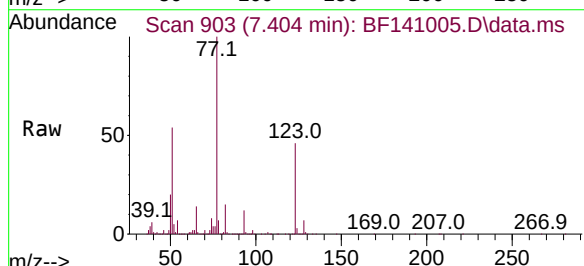
Tgt Ion: 77 Resp: 927062

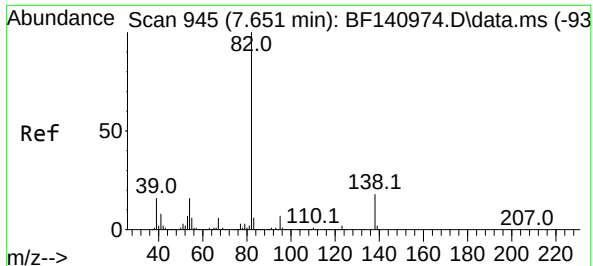
Ion Ratio Lower Upper

77 100

123 45.8 35.4 53.2

65 13.6 10.7 16.1





#25

Isophorone

Concen: 44.701 ng

RT: 7.645 min Scan# 94

Delta R.T. -0.006 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

Tgt Ion: 82 Resp: 168332

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

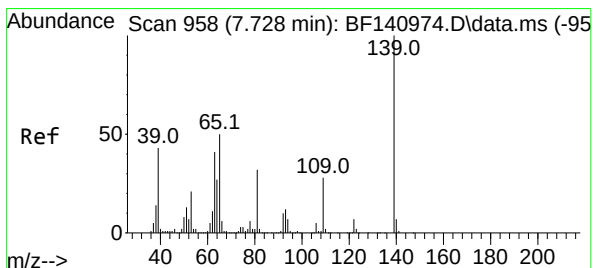
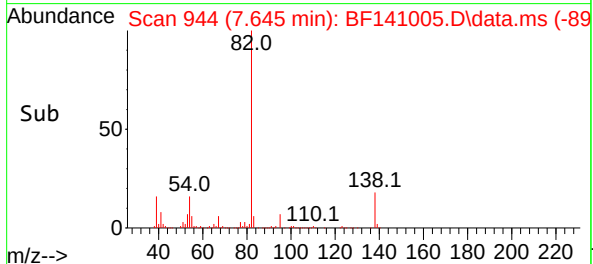
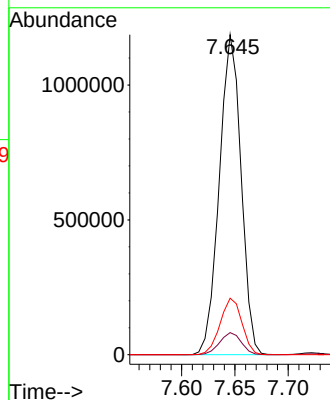
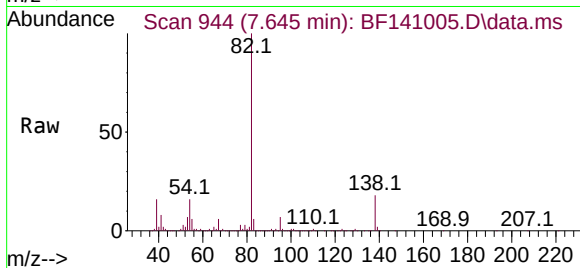
138 17.7 14.6 21.8

Manual Integrations

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Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#26

2-Nitrophenol

Concen: 54.103 ng

RT: 7.722 min Scan# 957

Delta R.T. -0.006 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

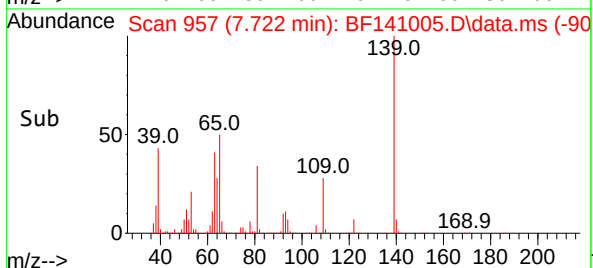
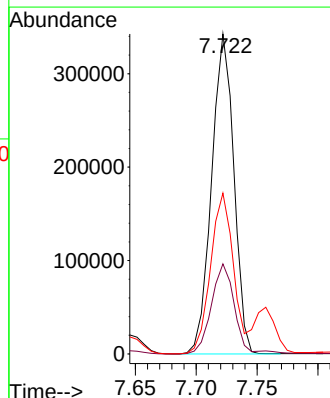
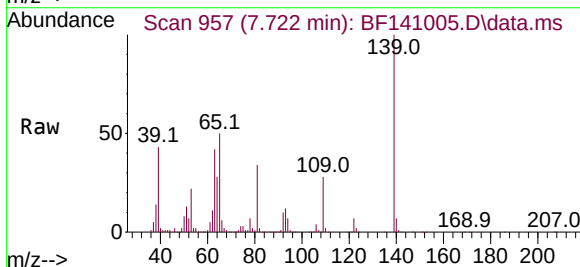
Tgt Ion:139 Resp: 434741

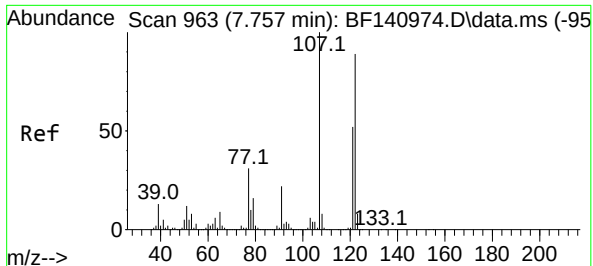
Ion Ratio Lower Upper

139 100

109 28.1 22.2 33.4

65 50.3 40.2 60.4





#27

2,4-Dimethylphenol

Concen: 52.847 ng

RT: 7.757 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

Tgt Ion:122 Resp: 727300

Ion Ratio Lower Upper

122 100

107 112.0 89.4 134.2

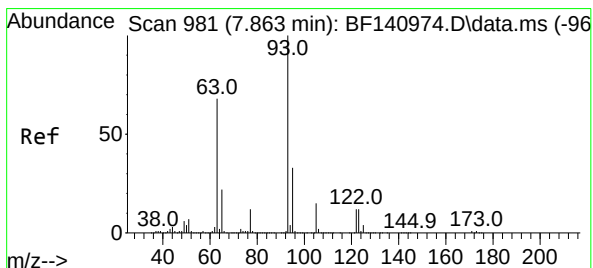
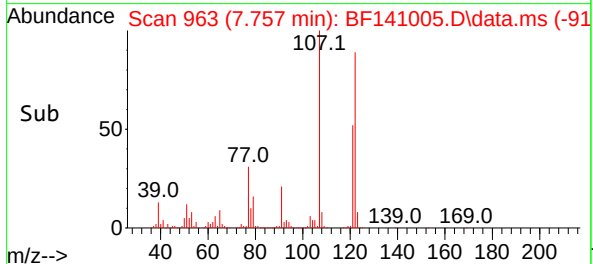
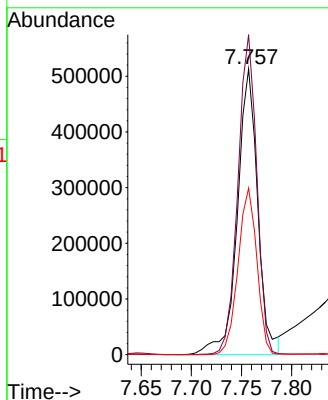
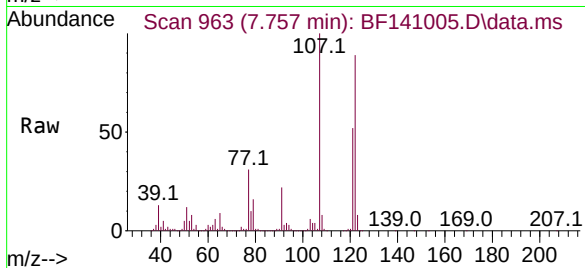
121 58.3 46.7 70.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#28

bis(2-Chloroethoxy)methane

Concen: 42.948 ng

RT: 7.857 min Scan# 980

Delta R.T. -0.006 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

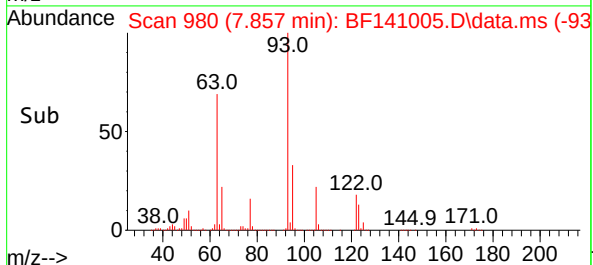
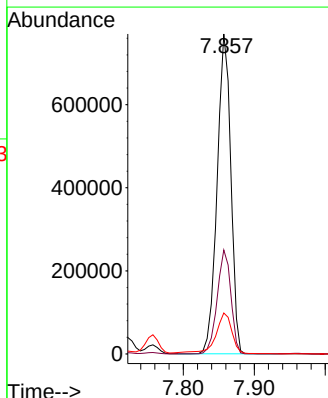
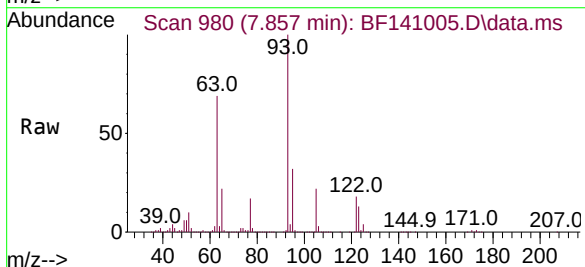
Tgt Ion: 93 Resp: 1024710

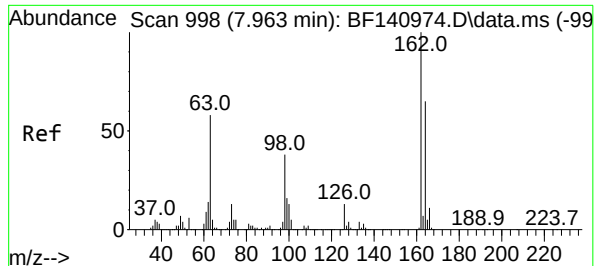
Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.4

123 12.8 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 45.658 ng

RT: 7.957 min Scan# 998

Delta R.T. -0.006 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

Tgt Ion:162 Resp: 71267

Ion Ratio Lower Upper

162 100

164 64.4 44.8 84.8

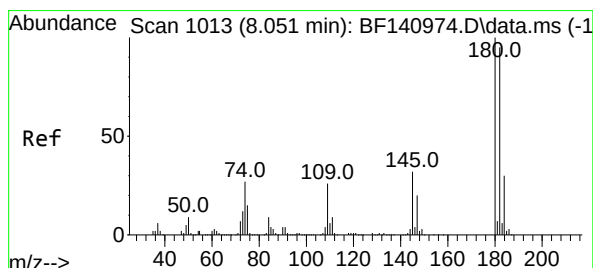
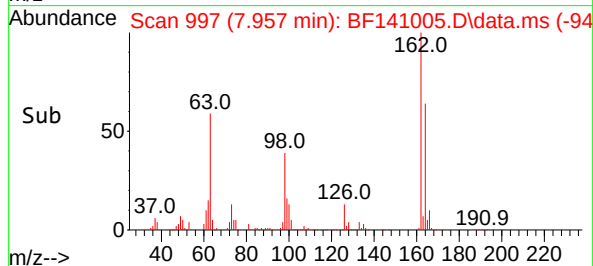
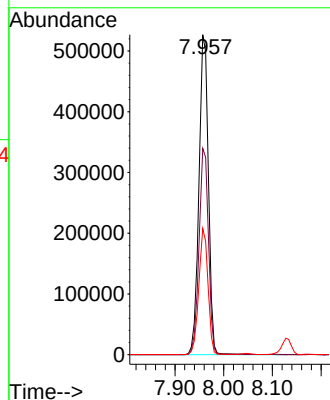
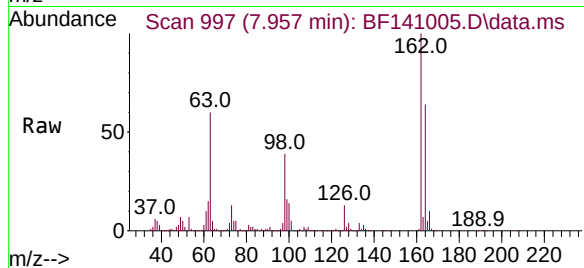
98 39.4 18.6 58.6

Manual Integrations

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Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#30

1,2,4-Trichlorobenzene

Concen: 41.522 ng

RT: 8.045 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

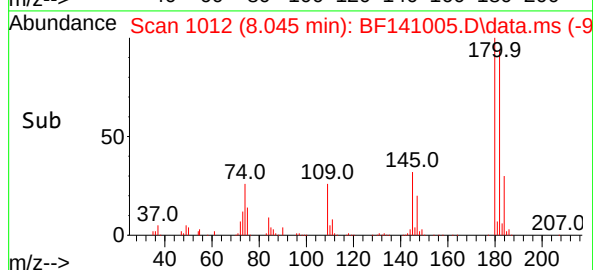
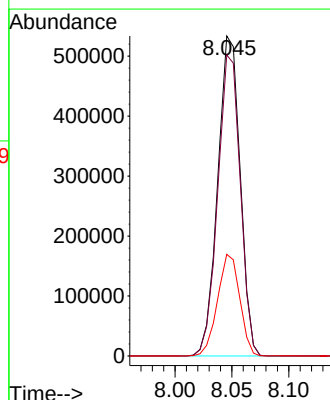
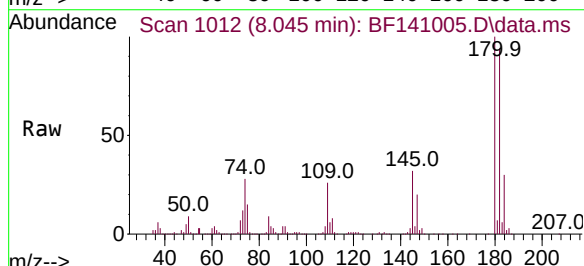
Tgt Ion:180 Resp: 733559

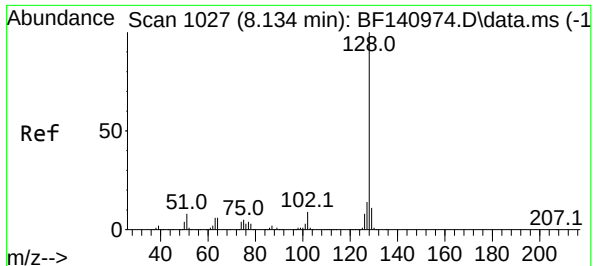
Ion Ratio Lower Upper

180 100

182 94.1 76.2 114.4

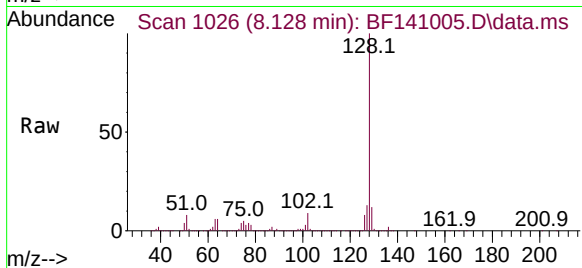
145 31.8 25.4 38.2





#31
Naphthalene
Concen: 42.443 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

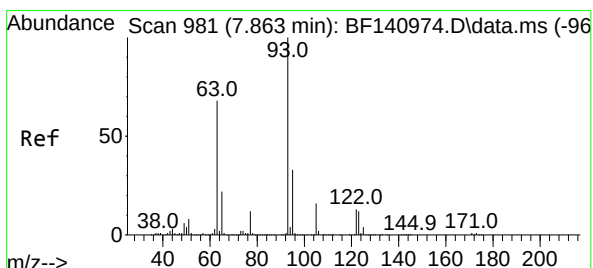
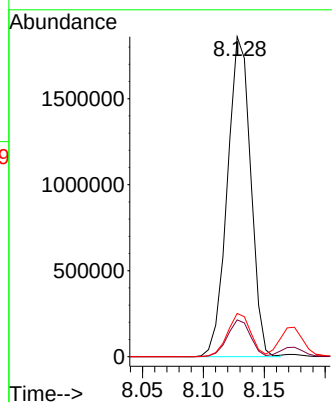
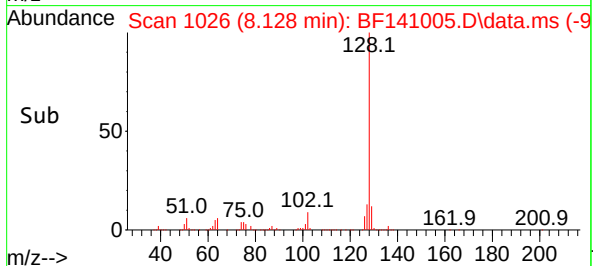
Instrument :
BNA_F
ClientSampleId :
COMP-1MS



Tgt Ion:128 Resp: 247616
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.5 11.0 16.4

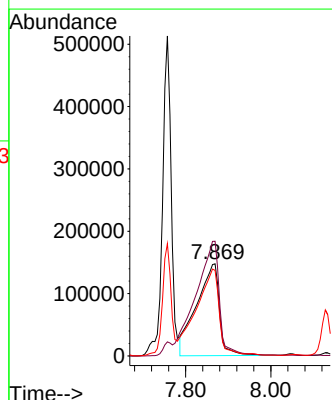
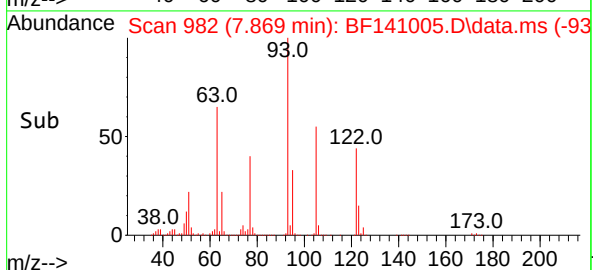
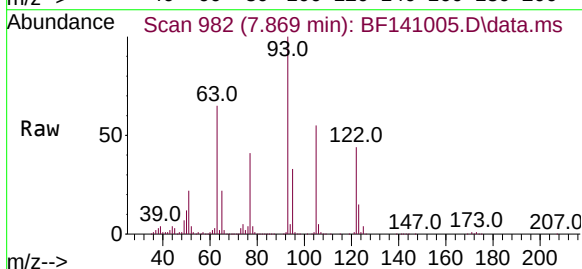
Manual Integrations
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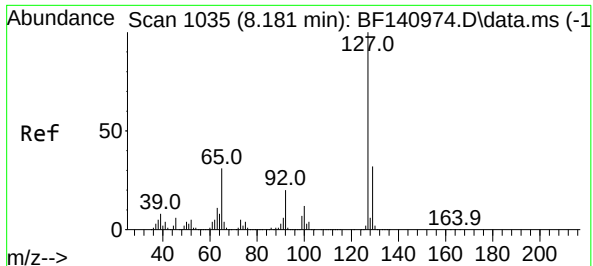
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#32
Benzoic acid
Concen: 48.574 ng
RT: 7.869 min Scan# 982
Delta R.T. 0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Tgt Ion:122 Resp: 551379
Ion Ratio Lower Upper
122 100
105 124.5 105.4 145.4
77 92.9 76.4 116.4





#33

4-Chloroaniline

Concen: 11.112 ng

RT: 8.175 min Scan# 1035

Delta R.T. -0.006 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

Tgt Ion:127 Resp: 234538

Ion Ratio Lower Upper

127 100

129 32.2 26.1 39.1

65 29.0 24.6 37.0

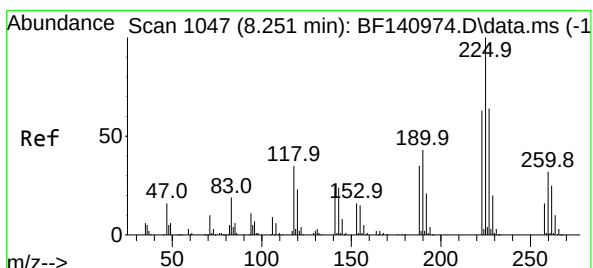
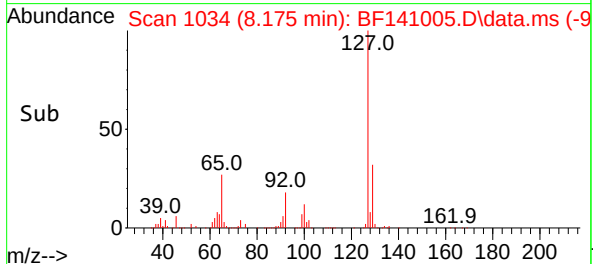
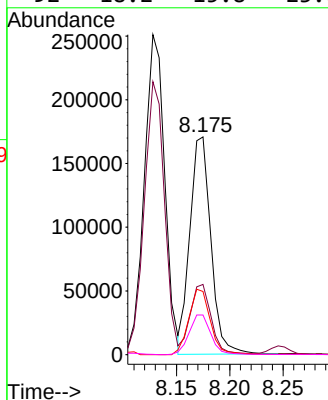
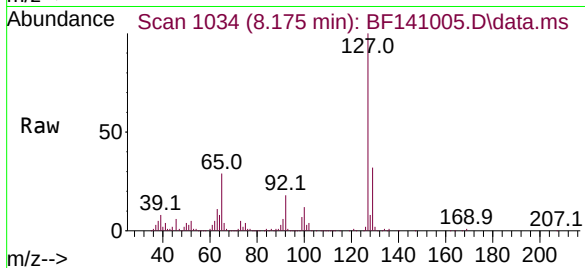
92 18.2 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#34

Hexachlorobutadiene

Concen: 41.762 ng

RT: 8.245 min Scan# 1046

Delta R.T. -0.006 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

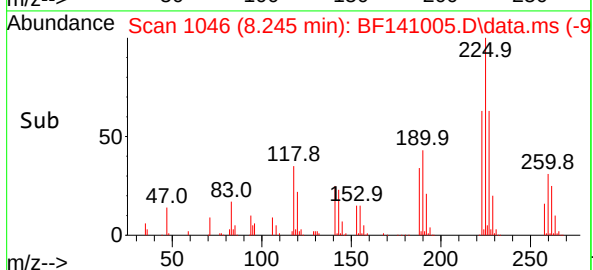
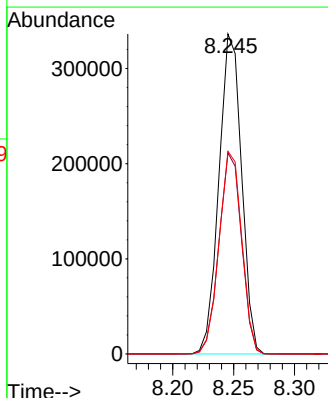
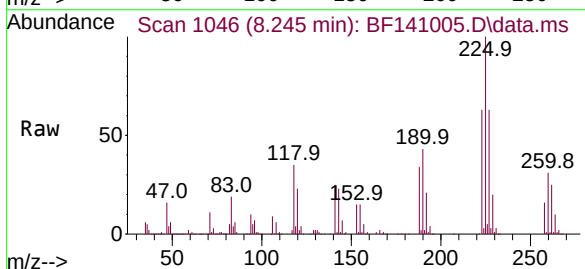
Tgt Ion:225 Resp: 434954

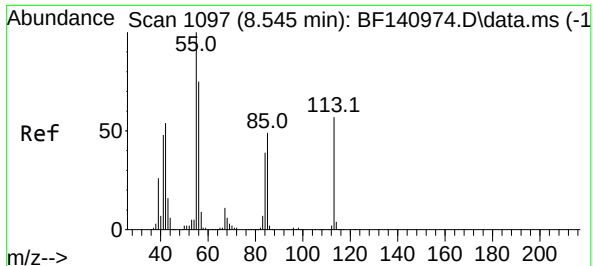
Ion Ratio Lower Upper

225 100

223 62.8 50.3 75.5

227 63.3 50.8 76.2





#35

Caprolactam

Concen: 44.605 ng m

RT: 8.539 min Scan# 1096

Delta R.T. -0.006 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

Tgt Ion:113 Resp: 23668

Ion Ratio Lower Upper

113 100

55 180.5 156.6 196.6

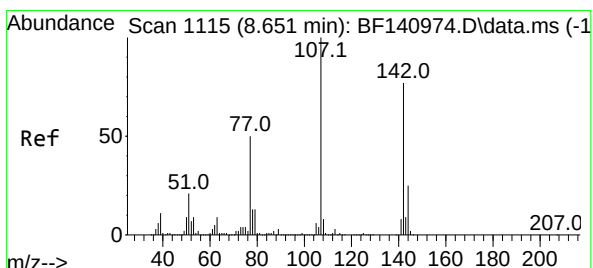
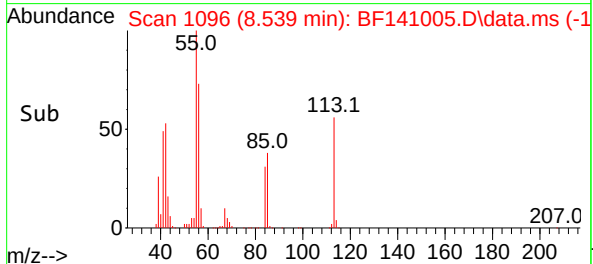
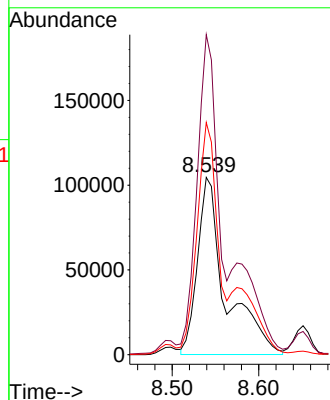
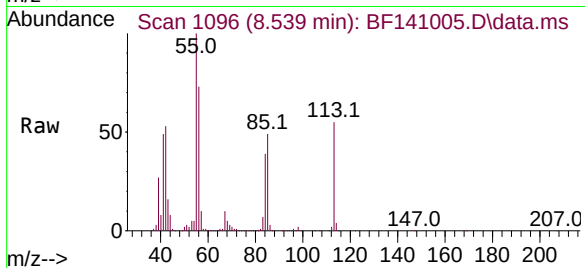
56 130.9 111.7 151.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#36

4-Chloro-3-methylphenol

Concen: 44.472 ng

RT: 8.651 min Scan# 1115

Delta R.T. 0.000 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

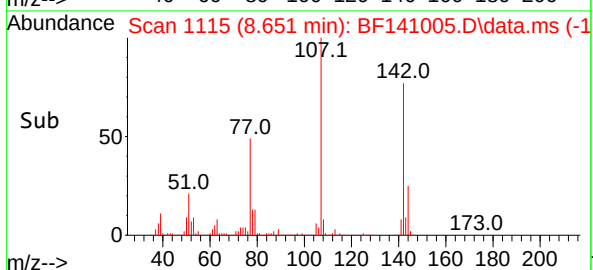
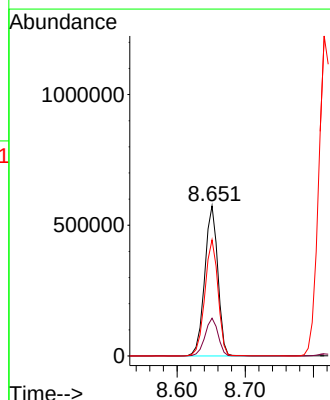
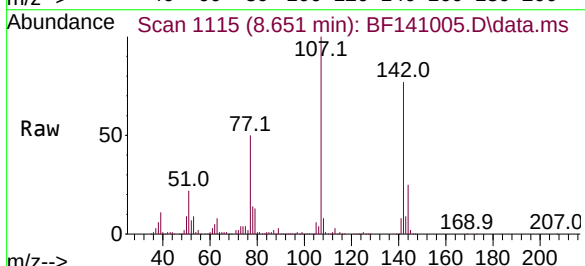
Tgt Ion:107 Resp: 770907

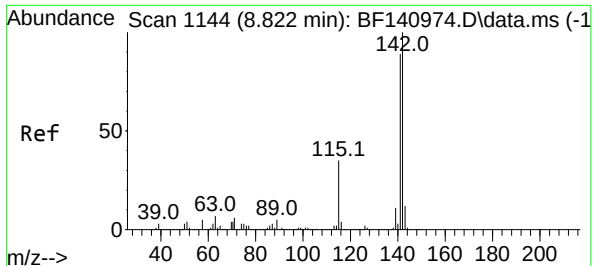
Ion Ratio Lower Upper

107 100

144 25.1 19.9 29.9

142 77.4 61.8 92.8





#37
2-Methylnaphthalene
Concen: 43.389 ng
RT: 8.816 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

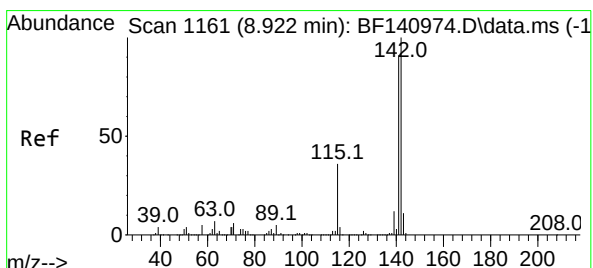
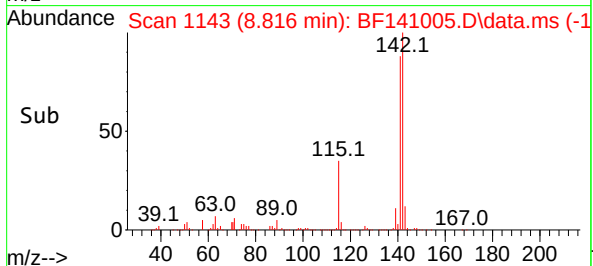
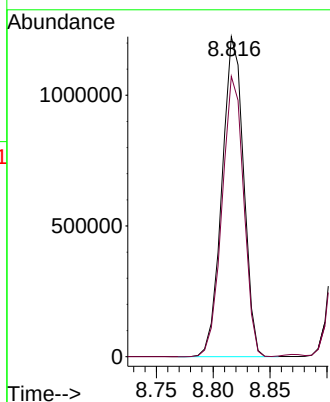
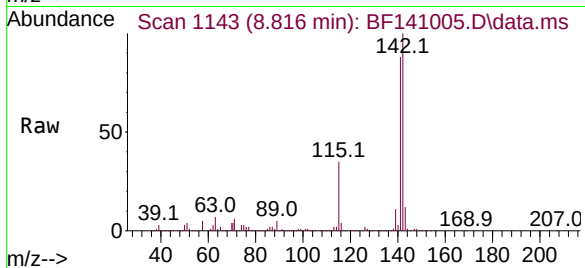
COMP-1MS

Tgt Ion:142 Resp: 1619398
Ion Ratio Lower Upper
142 100
141 87.6 71.1 106.7

Manual Integrations

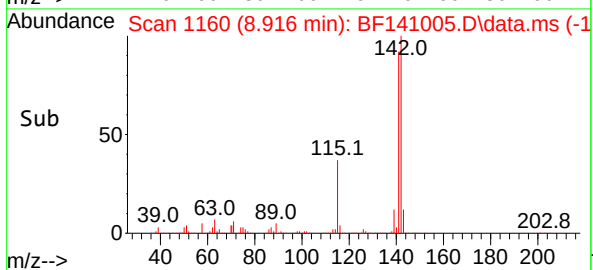
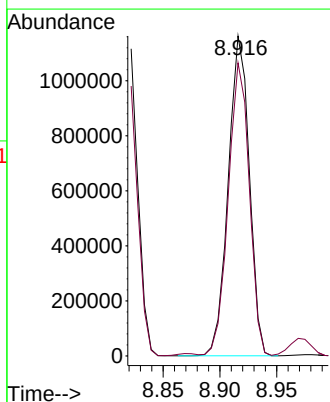
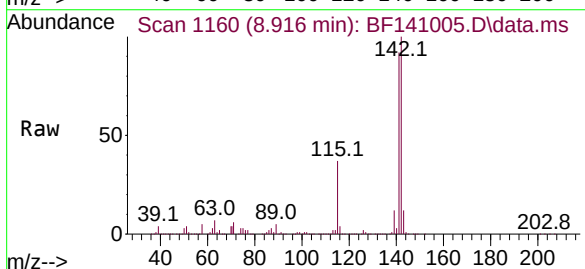
APPROVED

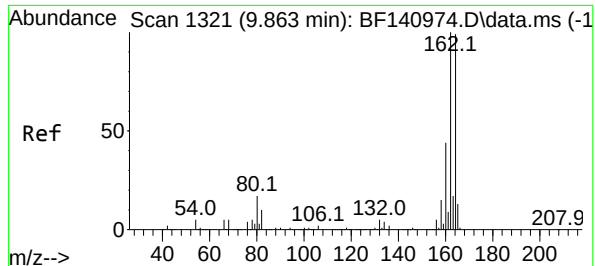
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#38
1-Methylnaphthalene
Concen: 40.891 ng
RT: 8.916 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Tgt Ion:142 Resp: 1499893
Ion Ratio Lower Upper
142 100
141 91.6 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 111

Delta R.T. -0.006 min

Lab File: BF141005.D

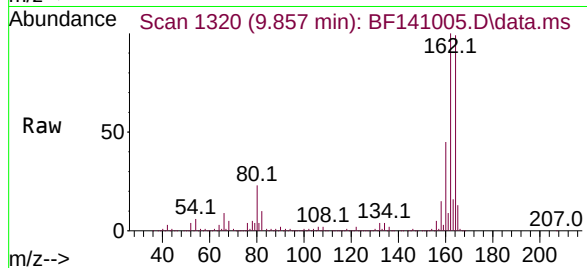
Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

COMP-1MS



Tgt Ion:164 Resp: 588572

Ion Ratio Lower Upper

164 100

162 101.4 80.6 120.8

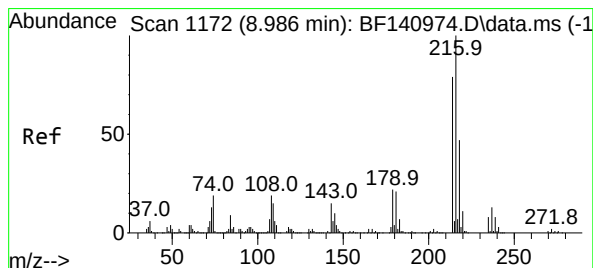
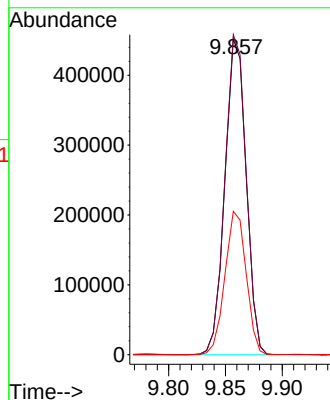
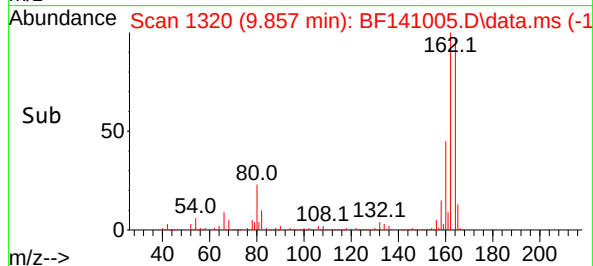
160 45.4 35.7 53.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.796 ng

RT: 8.981 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

Tgt Ion:216 Resp: 709155

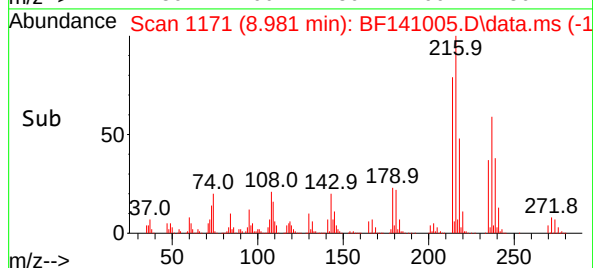
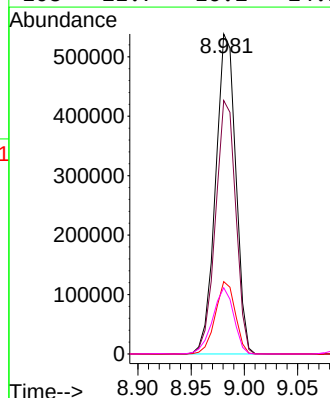
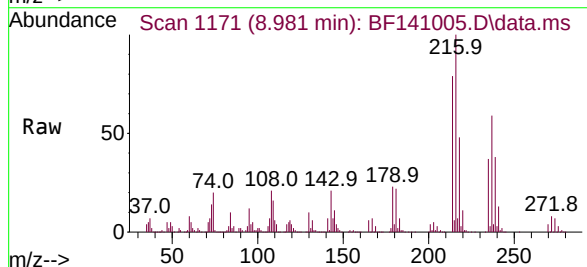
Ion Ratio Lower Upper

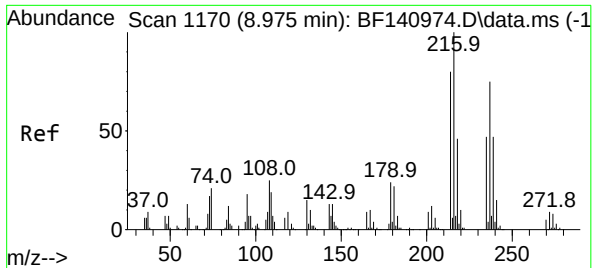
216 100

214 79.2 63.0 94.6

179 22.3 17.9 26.9

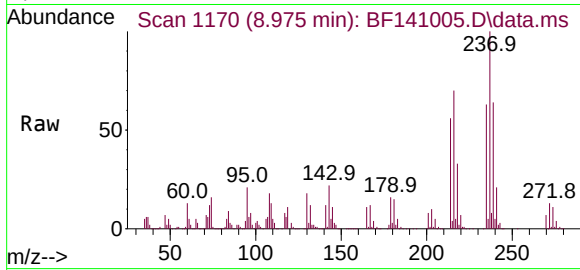
108 21.7 16.2 24.2





#41
Hexachlorocyclopentadiene
Concen: 126.680 ng
RT: 8.975 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

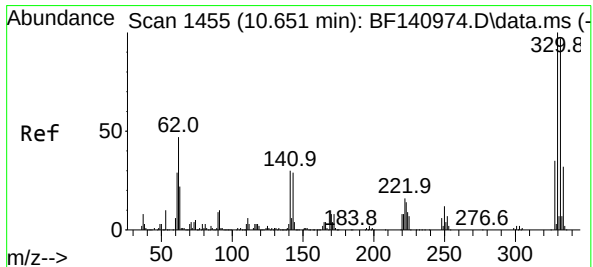
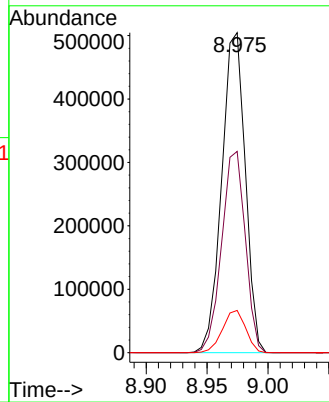
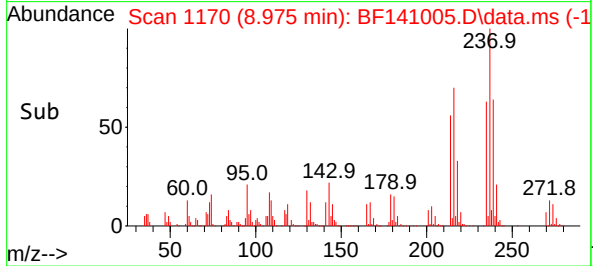
Instrument :
BNA_F
ClientSampleId :
COMP-1MS



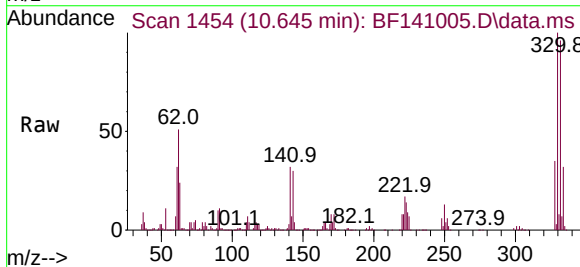
Tgt Ion: 237 Resp: 679758
Ion Ratio Lower Upper
237 100
235 62.9 43.4 83.4
272 13.2 0.0 32.6

Manual Integrations
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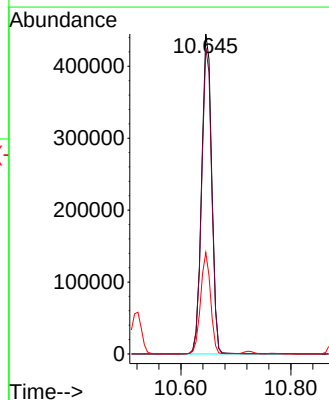
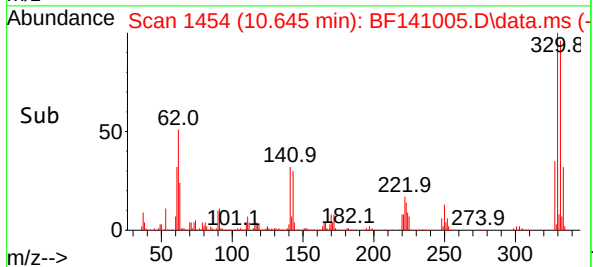
Reviewed By : Yogesh Patel 12/30/2024
Supervised By : mohammad ahmed 12/30/2024

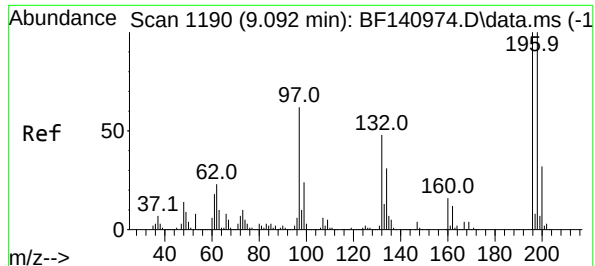


#42
2,4,6-Tribromophenol
Concen: 99.309 ng
RT: 10.645 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05



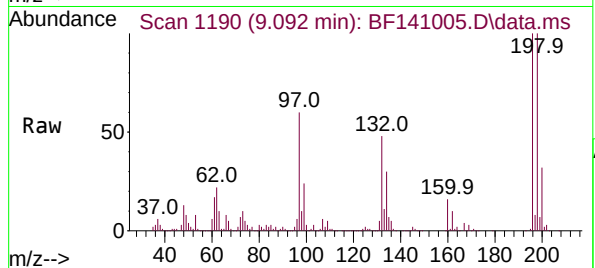
Tgt Ion: 330 Resp: 567969
Ion Ratio Lower Upper
330 100
332 95.8 78.0 117.0
141 31.2 26.4 39.6





#43
2,4,6-Trichlorophenol
Concen: 47.255 ng
RT: 9.092 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

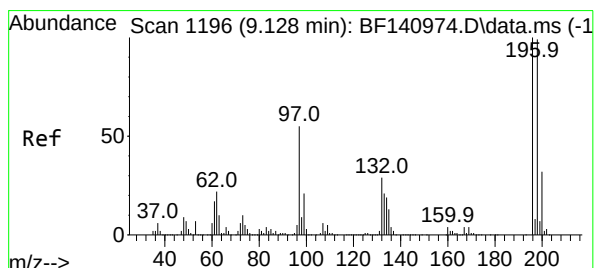
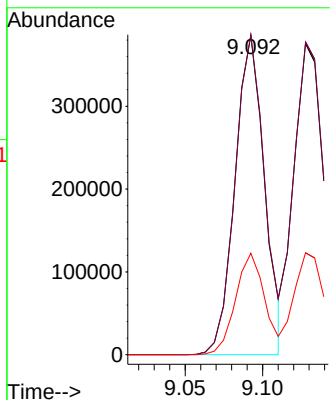
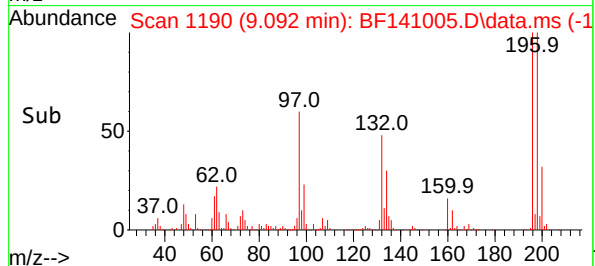
Instrument :
BNA_F
ClientSampleId :
COMP-1MS



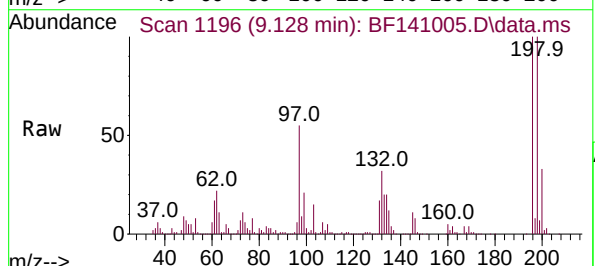
Tgt Ion:196 Resp: 509264
Ion Ratio Lower Upper
196 100
198 100.3 80.2 120.4
200 31.8 25.8 38.6

Manual Integrations
APPROVED

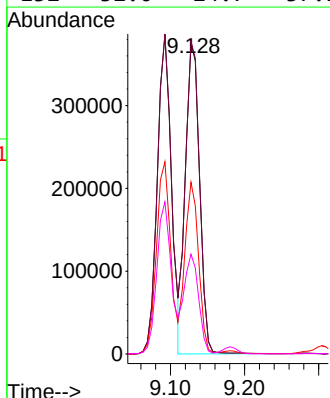
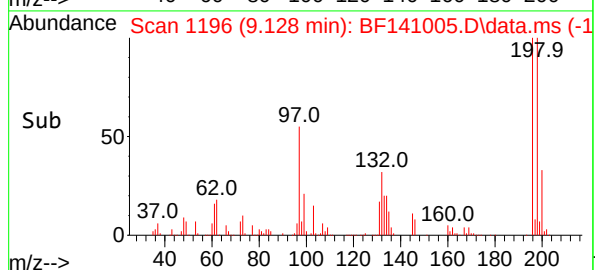
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

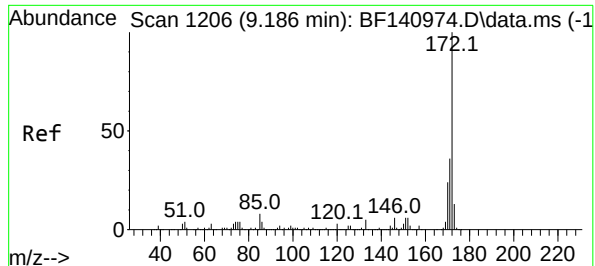


#44
2,4,5-Trichlorophenol
Concen: 45.525 ng
RT: 9.128 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05



Tgt Ion:196 Resp: 501998
Ion Ratio Lower Upper
196 100
198 100.5 79.9 119.9
97 55.2 44.3 66.5
132 32.0 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 61.915 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

Tgt Ion:172 Resp: 228727

Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.4

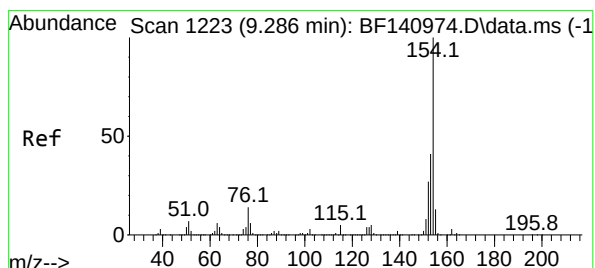
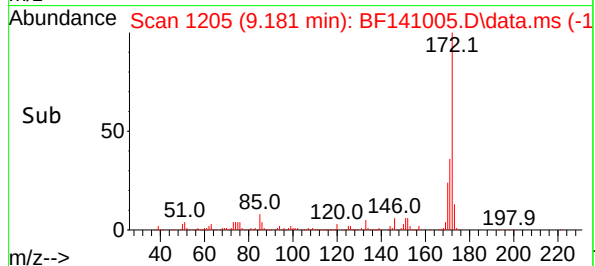
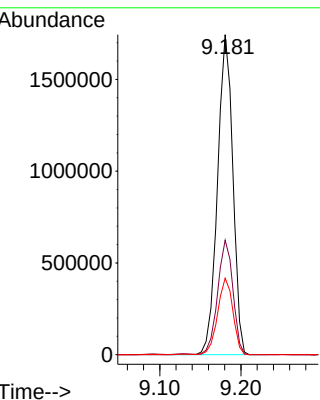
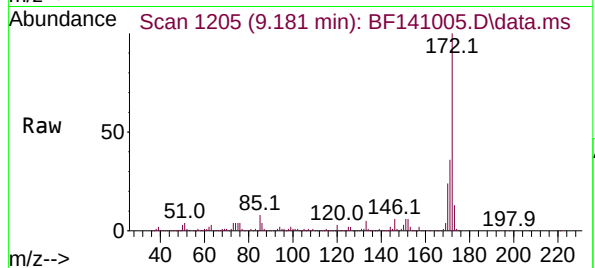
170 23.9 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#46

1,1'-Biphenyl

Concen: 42.960 ng

RT: 9.281 min Scan# 1222

Delta R.T. -0.005 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

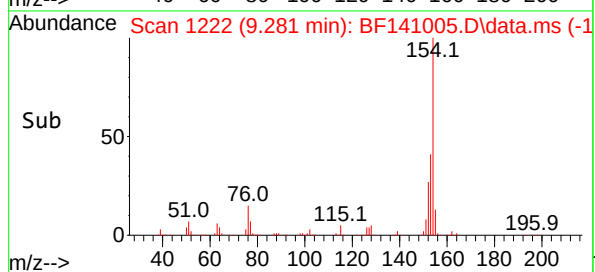
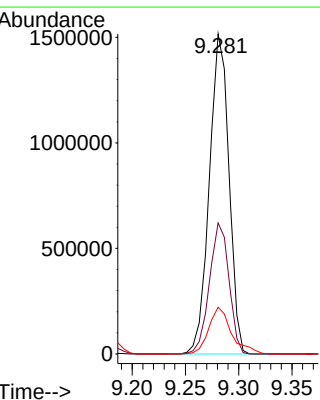
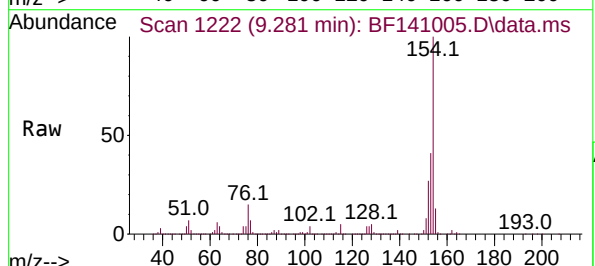
Tgt Ion:154 Resp: 1936042

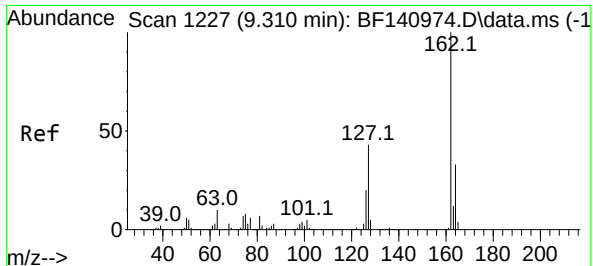
Ion Ratio Lower Upper

154 100

153 41.0 20.9 60.9

76 14.6 0.0 34.0





#47

2-Chloronaphthalene

Concen: 42.173 ng

RT: 9.304 min Scan# 1226

Delta R.T. -0.006 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

Tgt Ion:162 Resp: 1474030

Ion Ratio Lower Upper

162 100

127 42.7 34.2 51.4

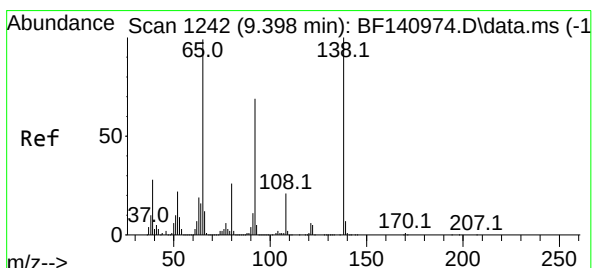
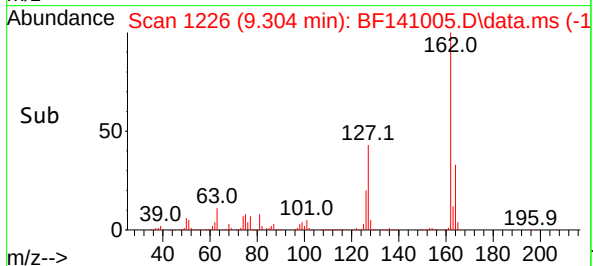
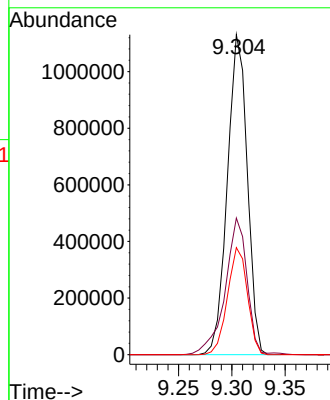
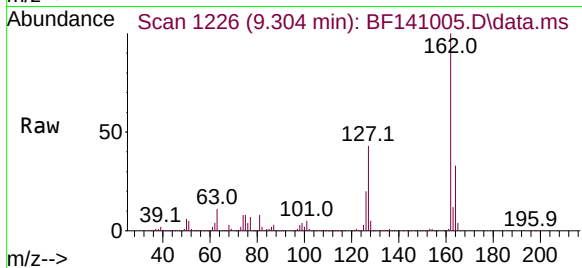
164 33.5 26.6 40.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#48

2-Nitroaniline

Concen: 52.190 ng

RT: 9.398 min Scan# 1242

Delta R.T. 0.000 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

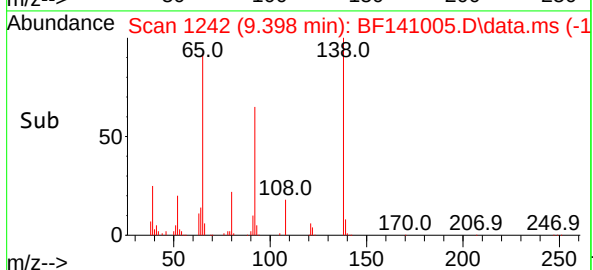
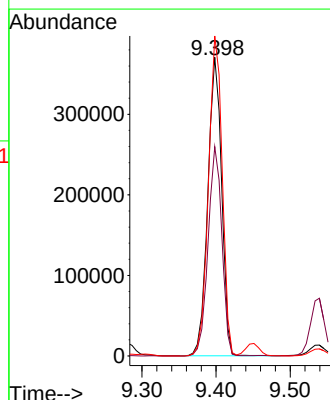
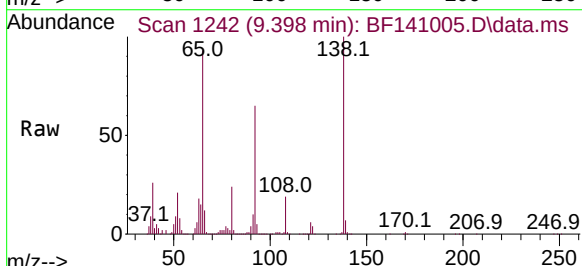
Tgt Ion: 65 Resp: 481313

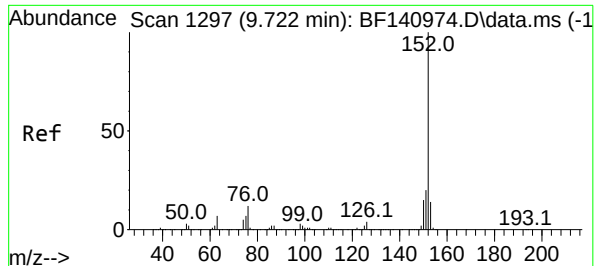
Ion Ratio Lower Upper

65 100

92 70.1 55.6 83.4

138 107.1 80.5 120.7





#49

Acenaphthylene

Concen: 45.291 ng

RT: 9.722 min Scan# 1297

Delta R.T. -0.000 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

Tgt Ion:152 Resp: 227884

Ion Ratio Lower Upper

152 100

151 20.7 16.2 24.4

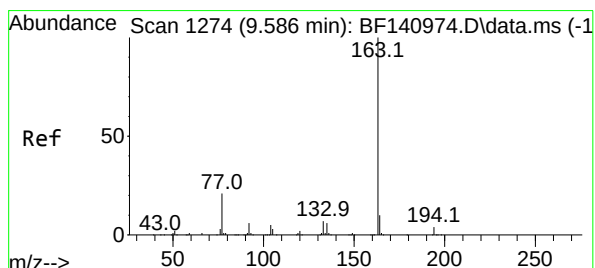
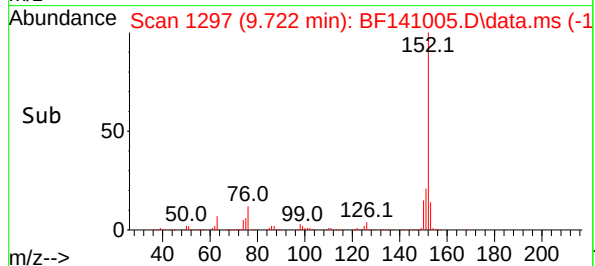
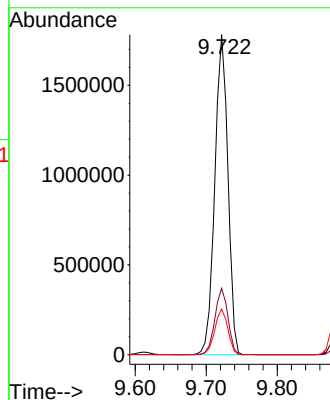
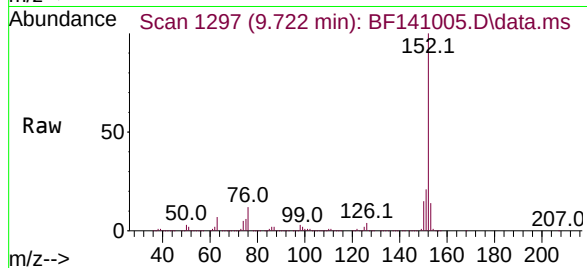
153 14.3 11.4 17.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#50

Dimethylphthalate

Concen: 44.894 ng

RT: 9.586 min Scan# 1274

Delta R.T. 0.000 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

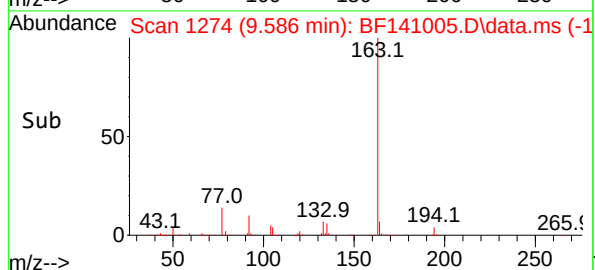
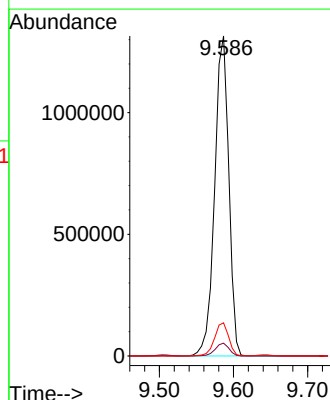
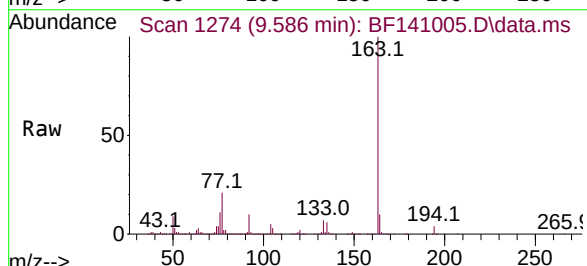
Tgt Ion:163 Resp: 1738039

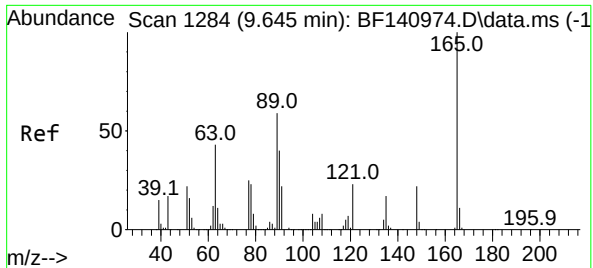
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

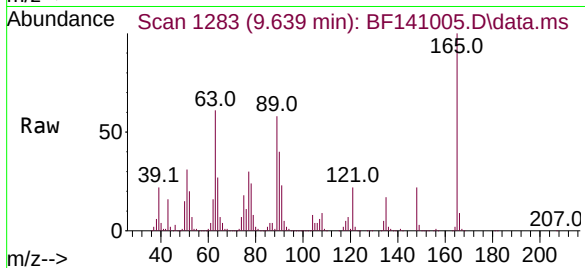
164 10.3 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 48.617 ng
RT: 9.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

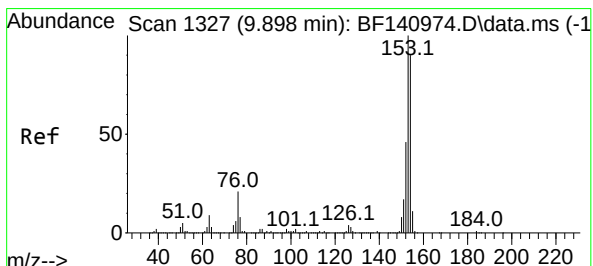
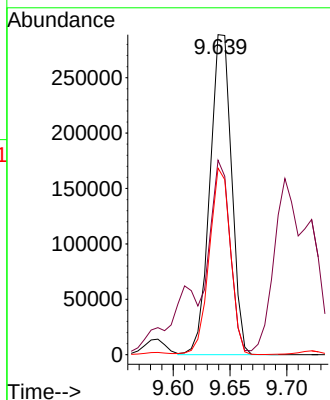
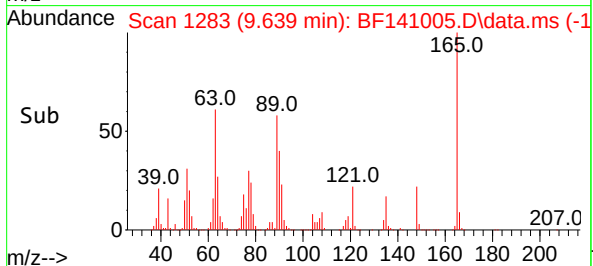
Instrument :
BNA_F
ClientSampleId :
COMP-1MS



Tgt Ion:165 Resp: 384239
Ion Ratio Lower Upper
165 100
63 60.8 47.1 70.7
89 58.3 47.0 70.4

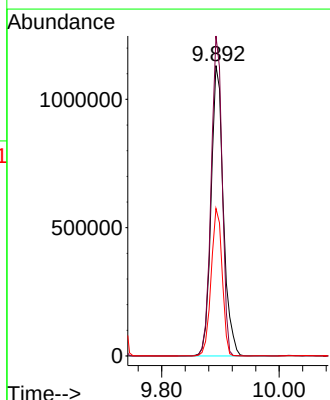
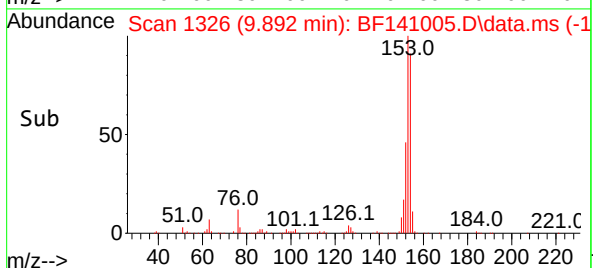
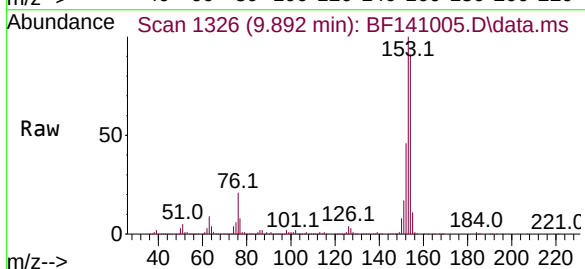
Manual Integrations
APPROVED

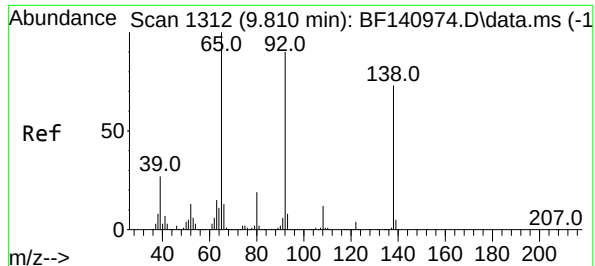
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#52
Acenaphthene
Concen: 48.139 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Tgt Ion:154 Resp: 1637493
Ion Ratio Lower Upper
154 100
153 110.2 89.2 133.8
152 50.8 40.9 61.3





#53

3-Nitroaniline

Concen: 27.224 ng

RT: 9.804 min Scan# 1311

Delta R.T. -0.006 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

Tgt Ion:138 Resp: 220720

Ion Ratio Lower Upper

138 100

108 11.3 13.5 20.3

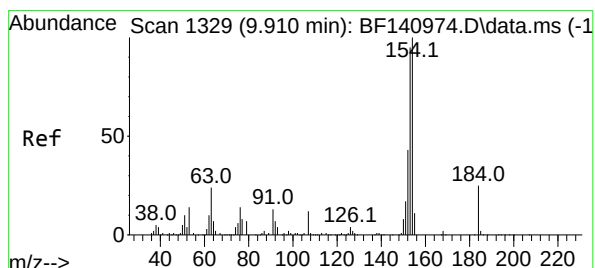
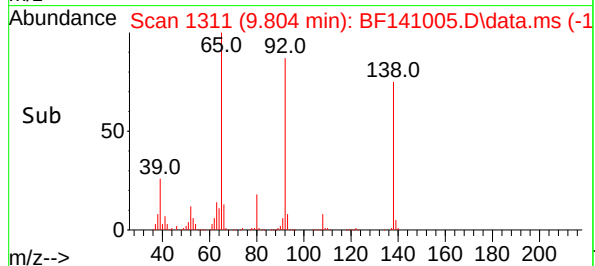
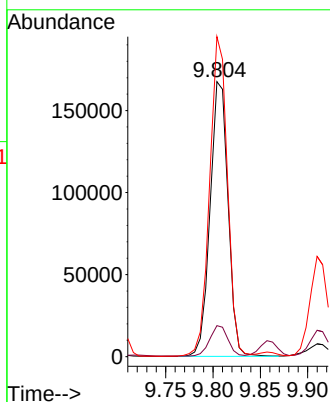
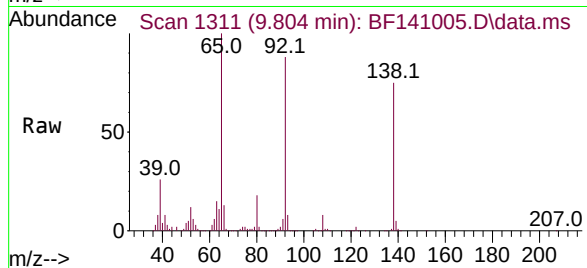
92 116.3 97.7 146.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#54

2,4-Dinitrophenol

Concen: 89.242 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.000 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

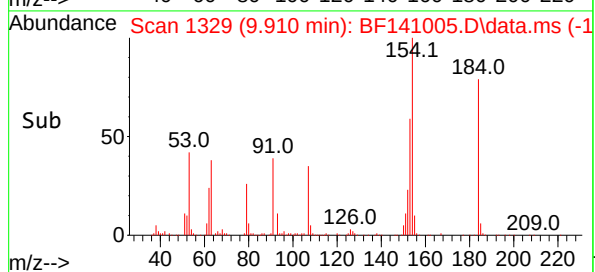
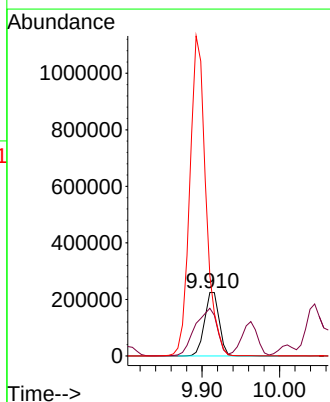
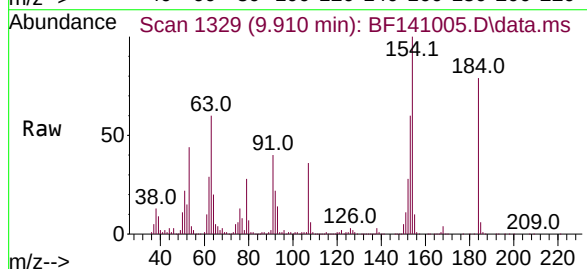
Tgt Ion:184 Resp: 295322

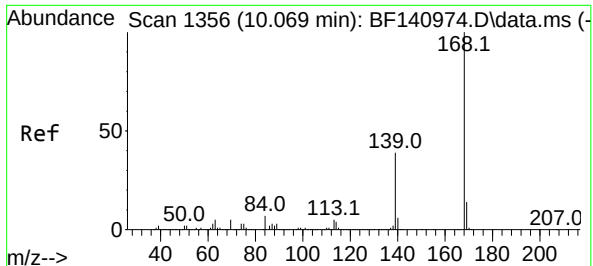
Ion Ratio Lower Upper

184 100

63 75.2 81.6 122.4

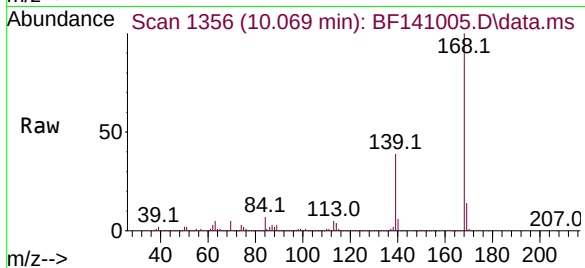
154 126.2 363.5 545.3





#55
Dibenzenofuran
Concen: 43.866 ng
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

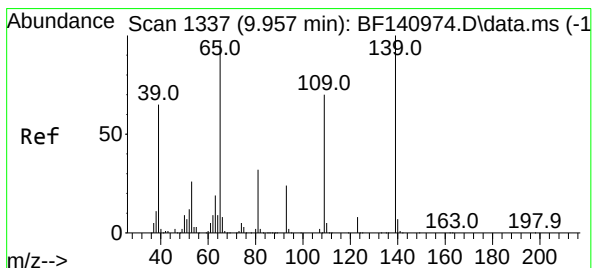
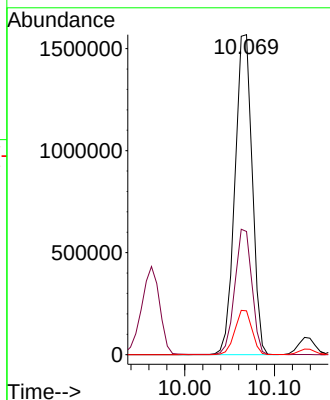
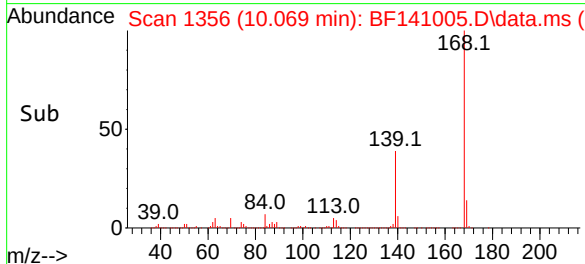
Instrument :
BNA_F
ClientSampleId :
COMP-1MS



Tgt Ion:168 Resp: 209694
Ion Ratio Lower Upper
168 100
139 38.5 31.6 47.4
169 13.7 11.0 16.6

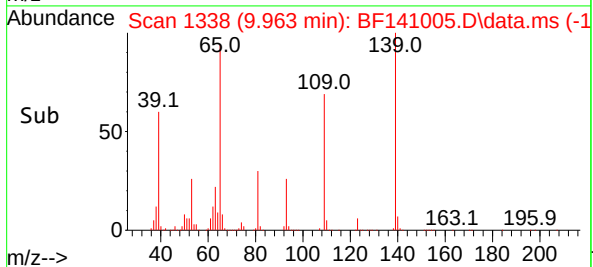
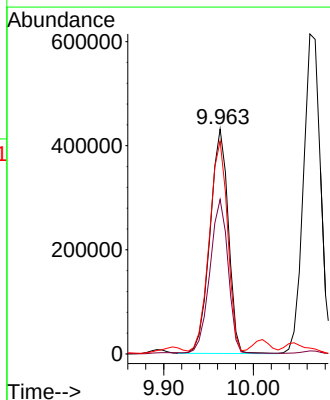
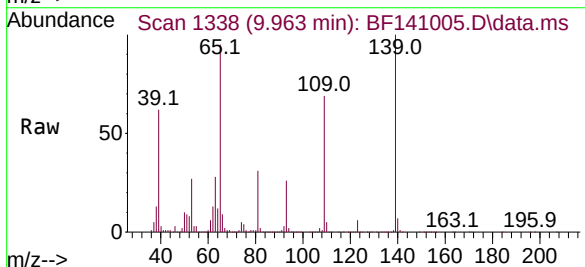
Manual Integrations
APPROVED

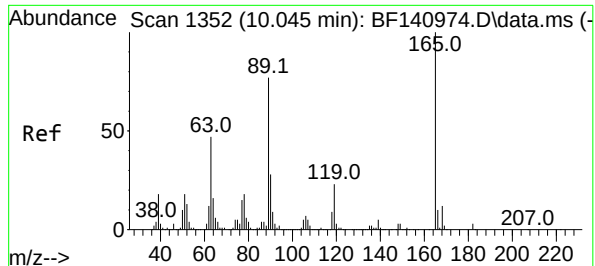
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#56
4-Nitrophenol
Concen: 92.118 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Tgt Ion:139 Resp: 610043
Ion Ratio Lower Upper
139 100
109 68.7 50.8 90.8
65 94.6 78.5 118.5





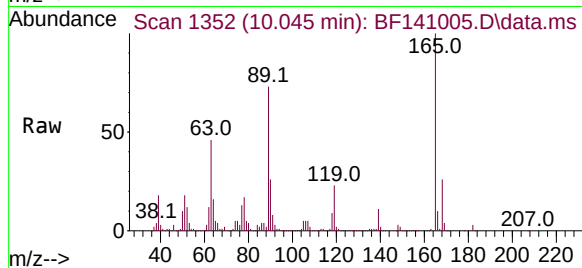
#57
2,4-Dinitrotoluene
Concen: 52.223 ng
RT: 10.045 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

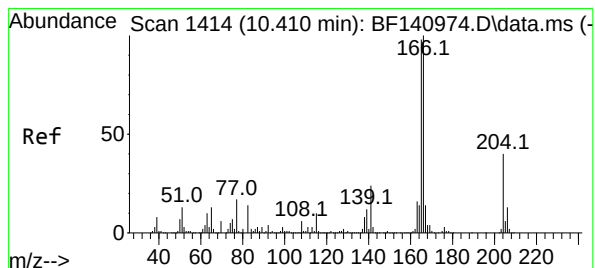
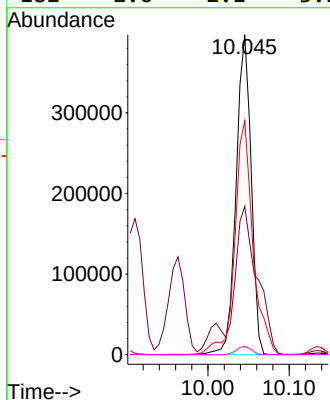
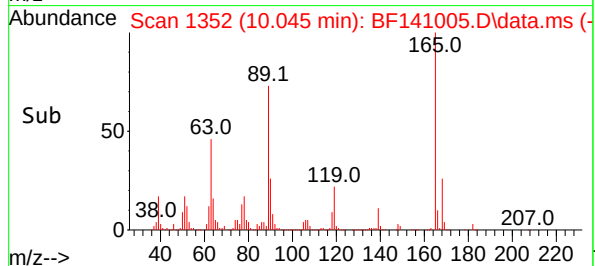


Tgt Ion:165 Resp: 508760
Ion Ratio Lower Upper
165 100
63 46.4 38.1 57.1
89 73.1 61.4 92.2
182 2.6 2.1 3.1

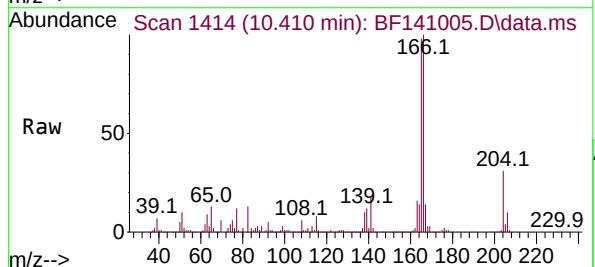
Manual Integrations

APPROVED

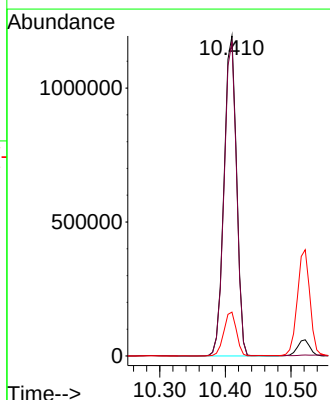
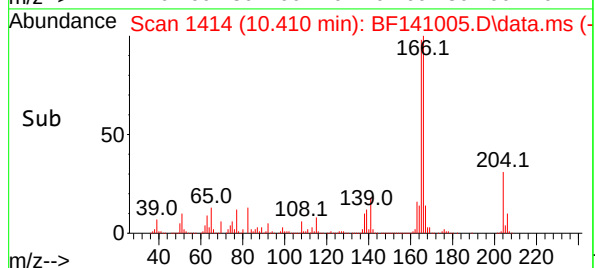
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

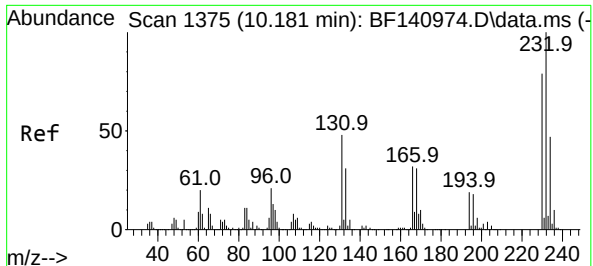


#58
Fluorene
Concen: 42.491 ng
RT: 10.410 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05



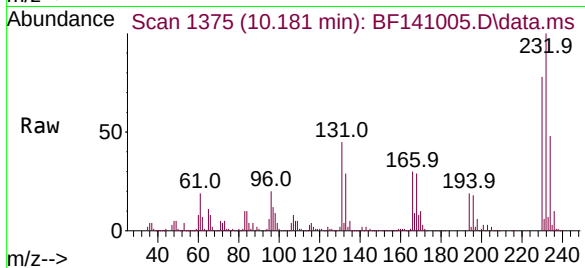
Tgt Ion:166 Resp: 1575122
Ion Ratio Lower Upper
166 100
165 98.0 78.3 117.5
167 13.7 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.466 ng
RT: 10.181 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

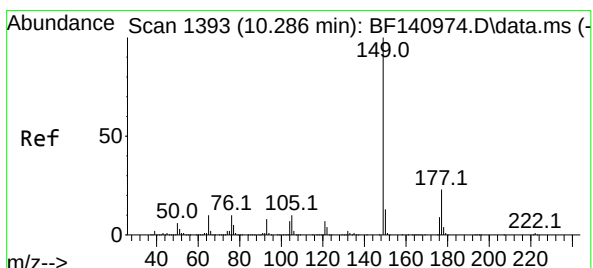
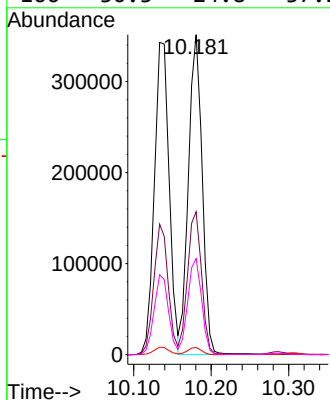
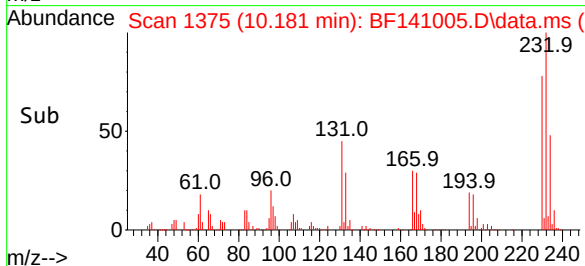
Instrument :
BNA_F
ClientSampleId :
COMP-1MS



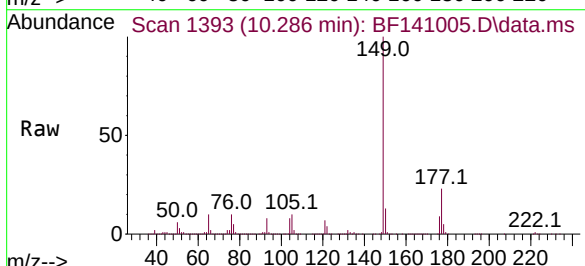
Tgt Ion:232 Resp: 433475
Ion Ratio Lower Upper
232 100
131 45.4 37.4 56.2
130 2.3 1.8 2.8
166 30.3 24.8 37.2

Manual Integrations
APPROVED

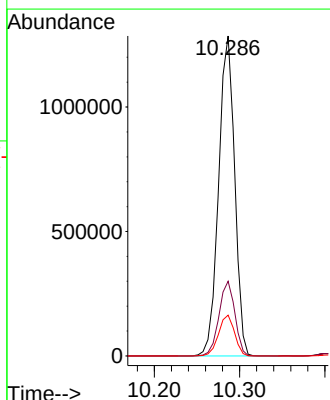
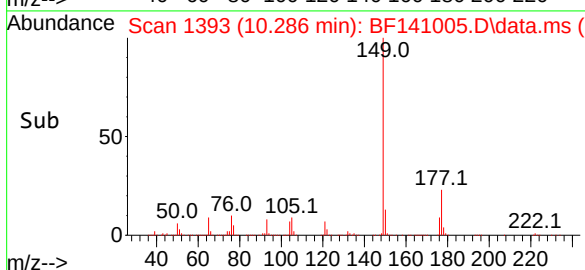
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

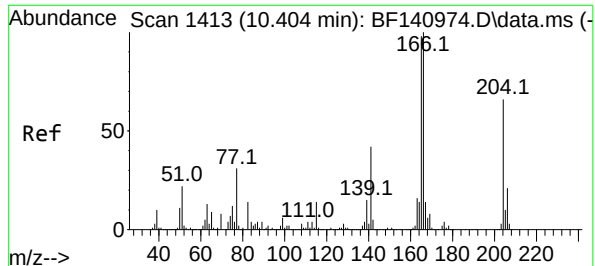


#60
Diethylphthalate
Concen: 44.002 ng
RT: 10.286 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05



Tgt Ion:149 Resp: 1681764
Ion Ratio Lower Upper
149 100
177 23.3 18.3 27.5
150 12.7 10.4 15.6





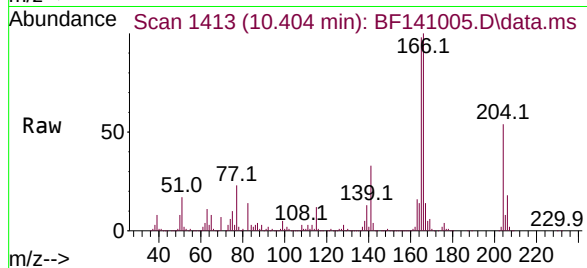
#61
4-Chlorophenyl-phenylether
Concen: 42.918 ng
RT: 10.404 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

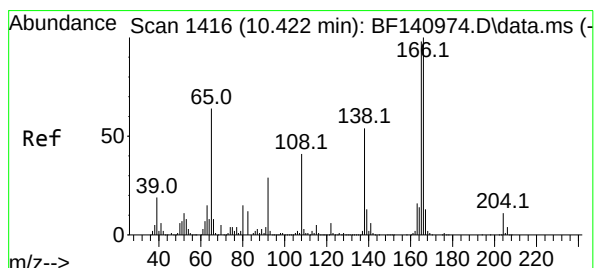
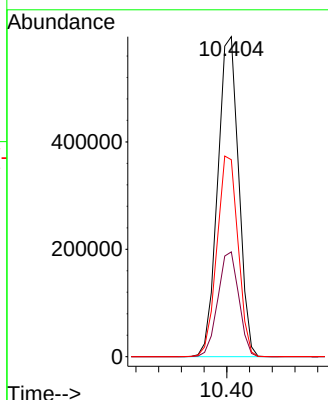
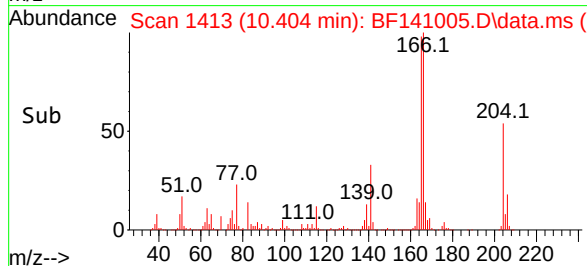


Tgt Ion:204 Resp: 76553
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.6
141 61.6 51.2 76.8

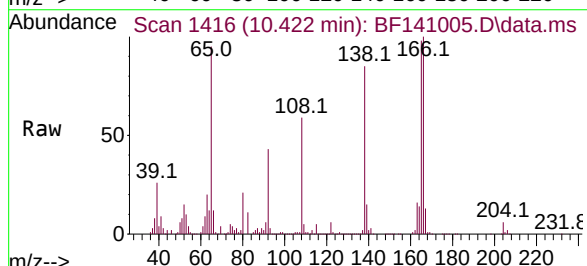
Manual Integrations

APPROVED

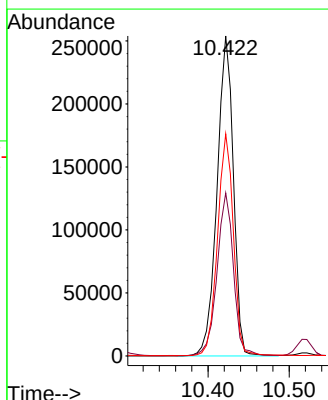
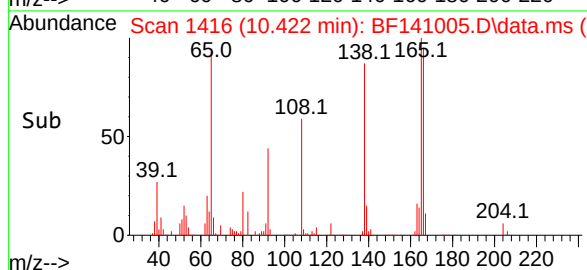
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

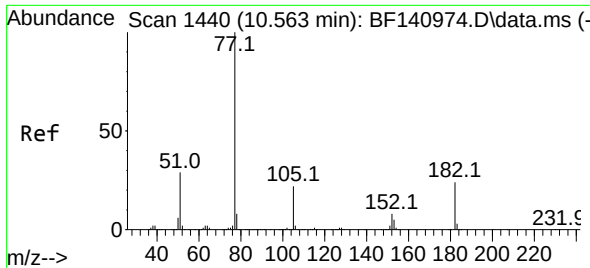


#62
4-Nitroaniline
Concen: 41.938 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05



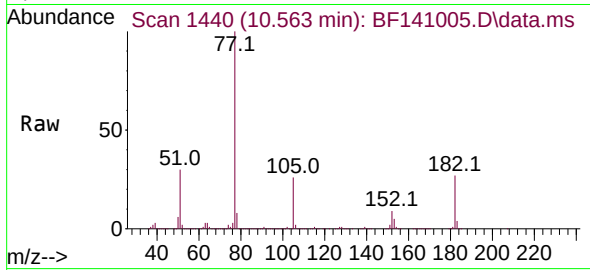
Tgt Ion:138 Resp: 355834
Ion Ratio Lower Upper
138 100
92 51.0 34.8 74.8
108 69.4 55.9 95.9





#63
Azobenzene
Concen: 47.286 ng
RT: 10.563 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

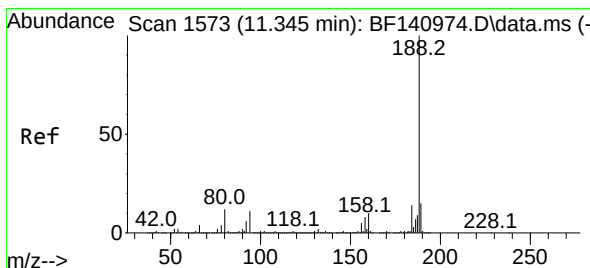
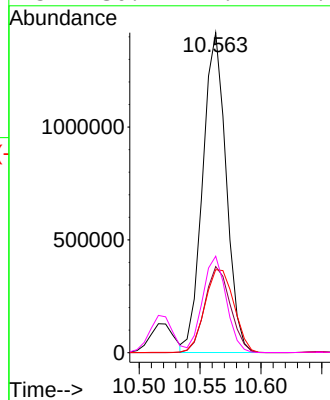
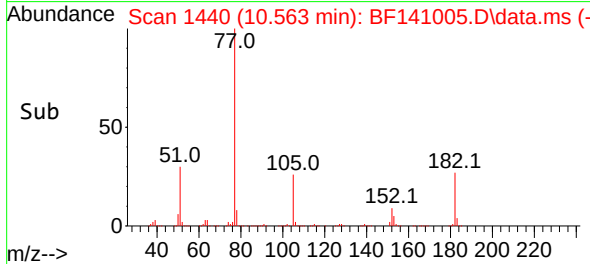
Instrument :
BNA_F
ClientSampleId :
COMP-1MS



Tgt Ion: 77 Resp: 189693
Ion Ratio Lower Upper
77 100
182 26.9 4.1 44.1
105 26.0 1.8 41.8
51 30.1 9.7 49.7

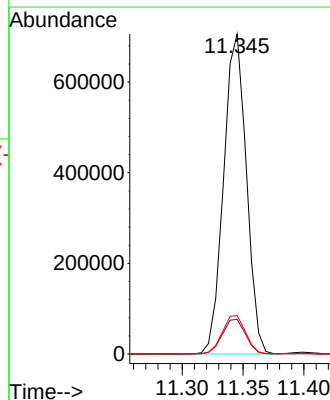
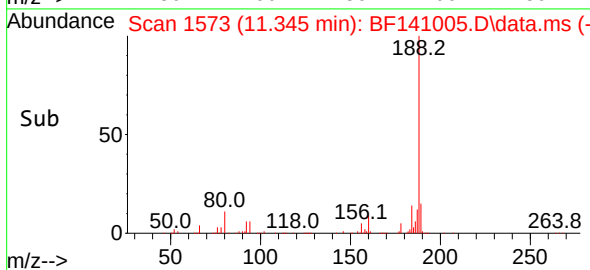
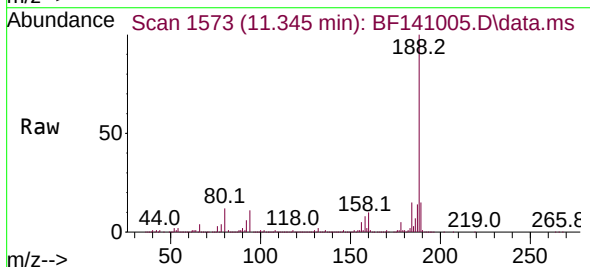
Manual Integrations
APPROVED

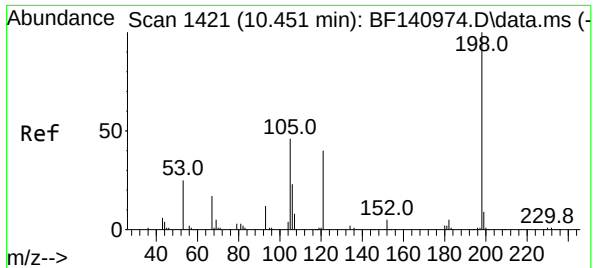
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

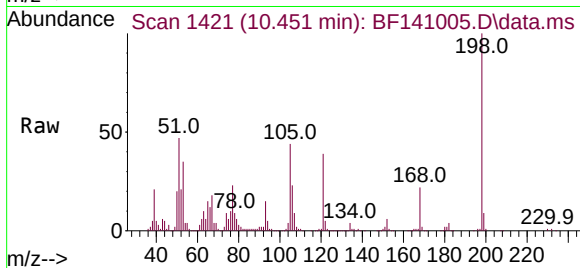
Tgt Ion:188 Resp: 918746
Ion Ratio Lower Upper
188 100
94 10.8 9.0 13.6
80 12.0 9.8 14.6





#65
4,6-Dinitro-2-methylphenol
Concen: 55.726 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

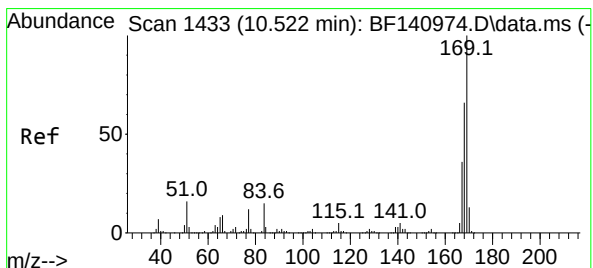
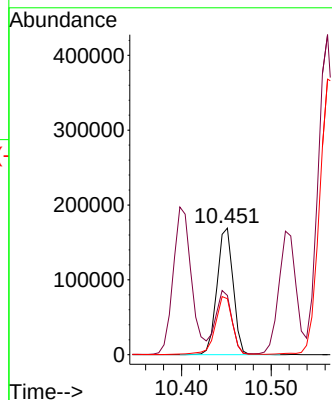
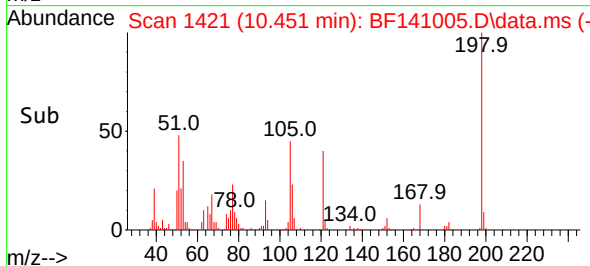
Instrument :
BNA_F
ClientSampleId :
COMP-1MS



Tgt Ion:198 Resp: 210972
Ion Ratio Lower Upper
198 100
51 46.8 32.3 72.3
105 44.2 28.4 68.4

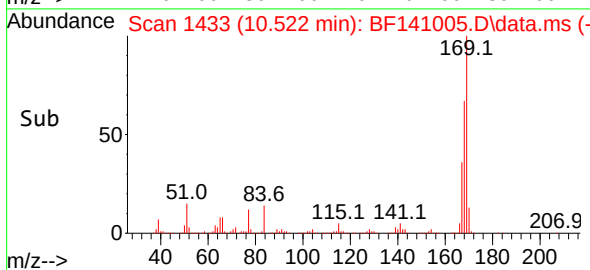
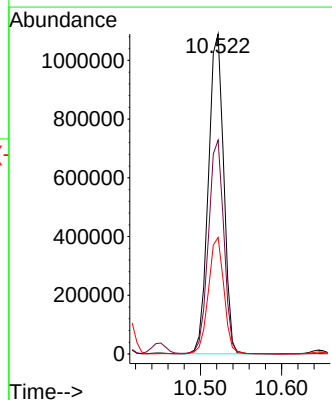
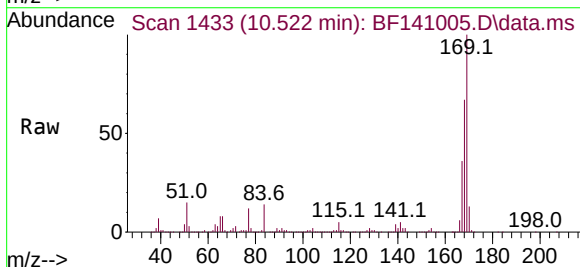
Manual Integrations
APPROVED

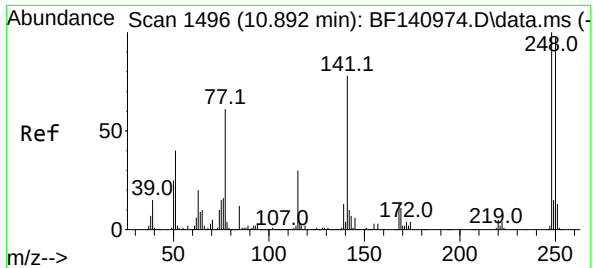
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#66
n-Nitrosodiphenylamine
Concen: 49.140 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

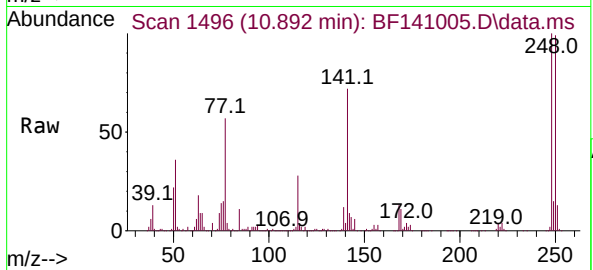
Tgt Ion:169 Resp: 1421663
Ion Ratio Lower Upper
169 100
168 66.8 52.6 79.0
167 36.4 29.0 43.4





#67
4-Bromophenyl-phenylether
Concen: 50.072 ng
RT: 10.892 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

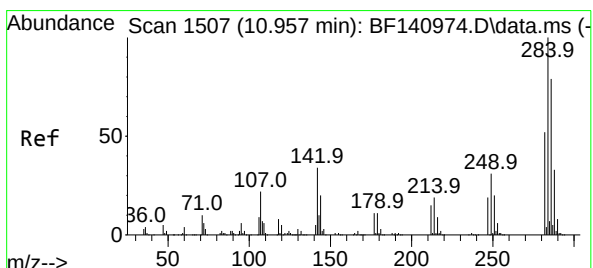
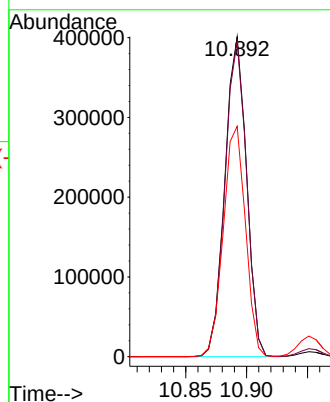
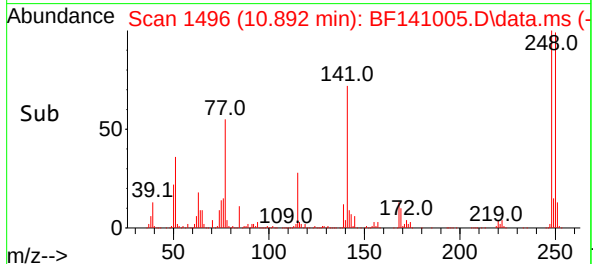
Instrument :
BNA_F
ClientSampleId :
COMP-1MS



Tgt Ion:248 Resp: 49730
Ion Ratio Lower Upper
248 100
250 98.6 77.7 116.5
141 72.0 62.1 93.1

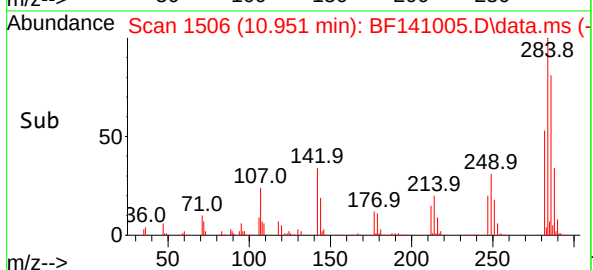
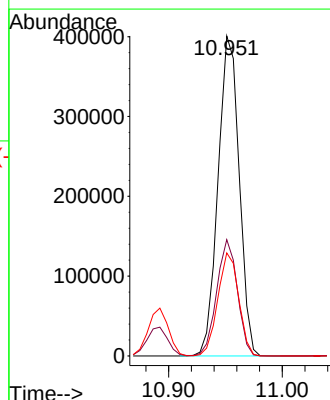
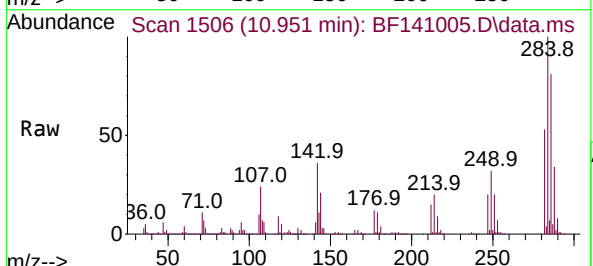
Manual Integrations
APPROVED

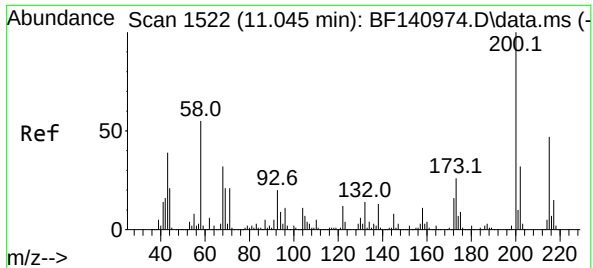
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#68
Hexachlorobenzene
Concen: 47.376 ng
RT: 10.951 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Tgt Ion:284 Resp: 518836
Ion Ratio Lower Upper
284 100
142 36.4 27.1 40.7
249 32.2 25.1 37.7





#69

Atrazine

Concen: 57.027 ng

RT: 11.045 min Scan# 1522

Delta R.T. 0.000 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

Tgt Ion:200 Resp: 460910

Ion Ratio Lower Upper

200 100

173 26.2 6.4 46.4

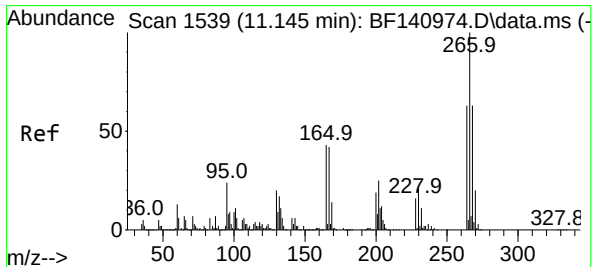
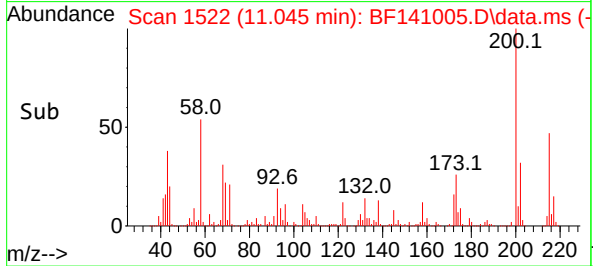
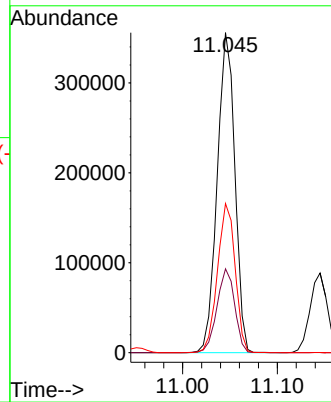
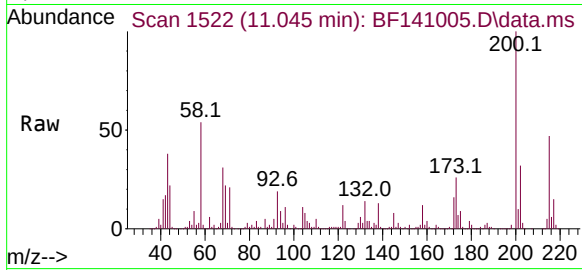
215 46.6 27.2 67.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#70

Pentachlorophenol

Concen: 88.381 ng

RT: 11.145 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

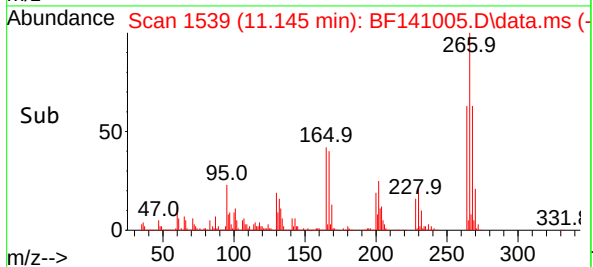
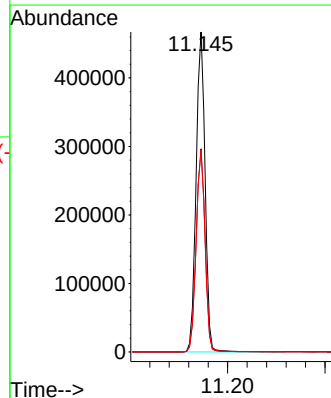
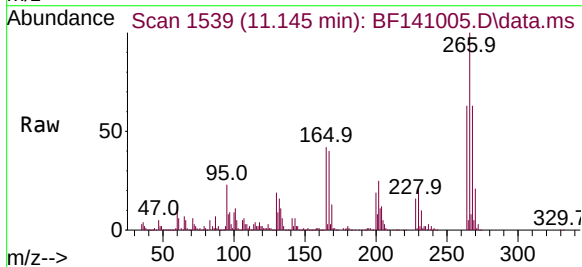
Tgt Ion:266 Resp: 602620

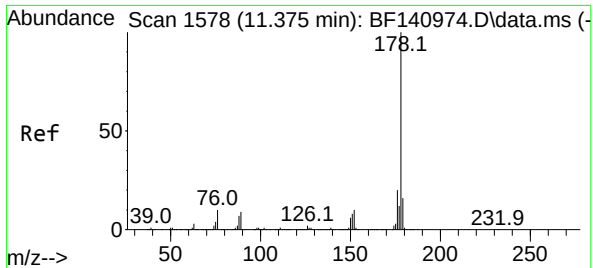
Ion Ratio Lower Upper

266 100

268 63.5 50.5 75.7

264 63.0 50.2 75.4





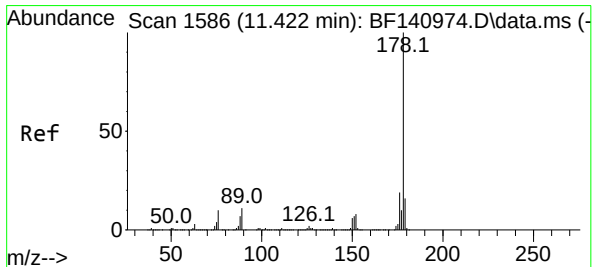
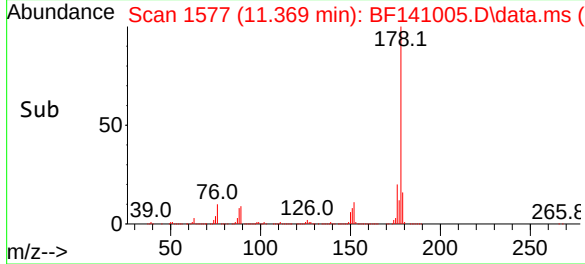
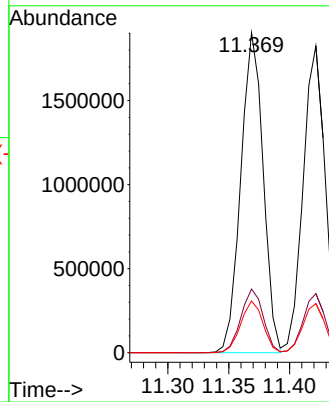
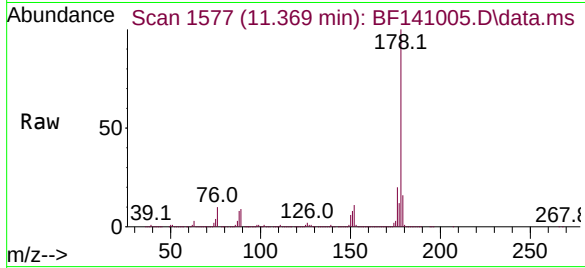
#71
Phenanthrene
Concen: 50.291 ng
RT: 11.369 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Instrument :
BNA_F
ClientSampleId :
COMP-1MS

Tgt Ion:178 Resp: 243180
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.6
179 16.1 12.6 19.0

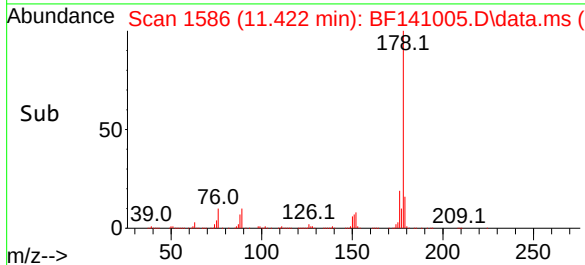
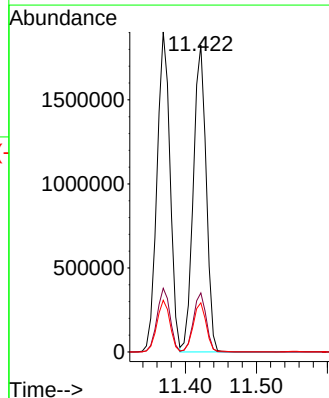
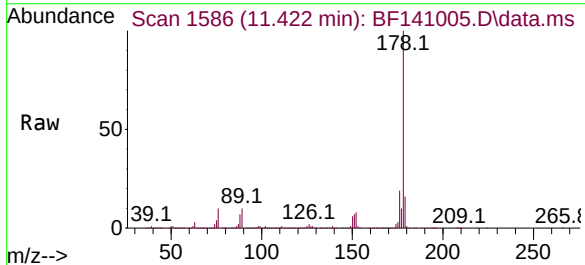
Manual Integrations
APPROVED

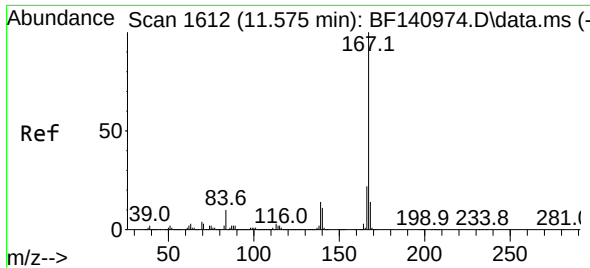
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#72
Anthracene
Concen: 48.471 ng
RT: 11.422 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

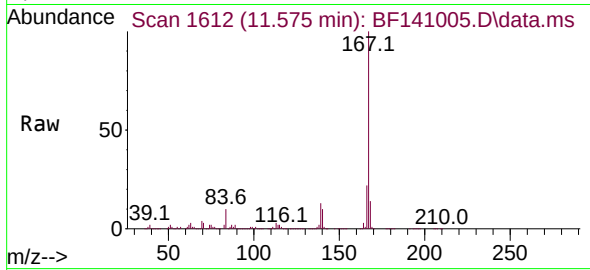
Tgt Ion:178 Resp: 2296625
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 16.0 12.9 19.3





#73
 Carbazole
 Concen: 41.470 ng
 RT: 11.575 min Scan# 1612
 Delta R.T. 0.000 min
 Lab File: BF141005.D
 Acq: 27 Dec 2024 19:05

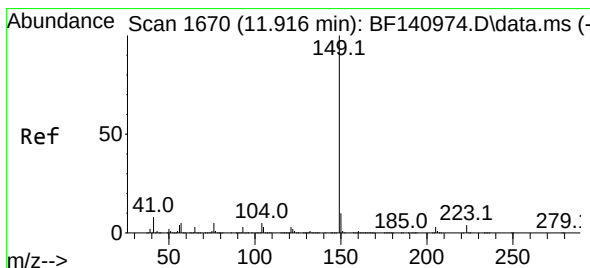
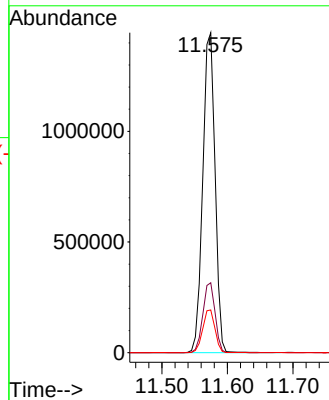
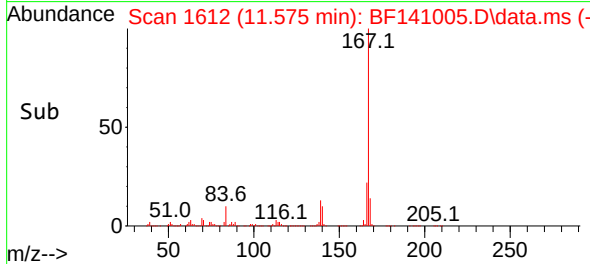
Instrument :
 BNA_F
 ClientSampleId :
 COMP-1MS



Tgt Ion:167 Resp: 1888910
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.5 26.3
 139 13.4 11.0 16.4

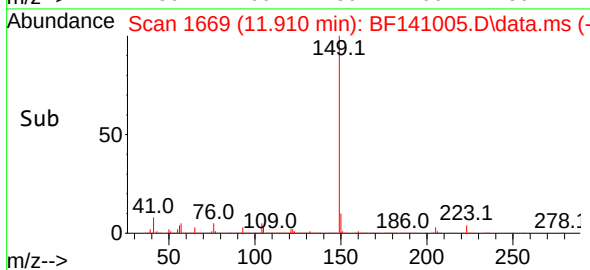
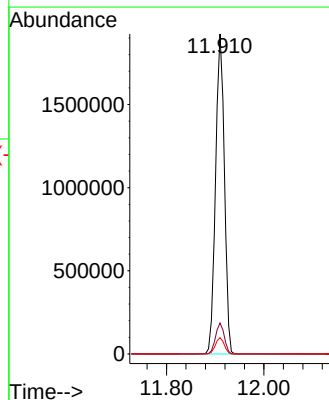
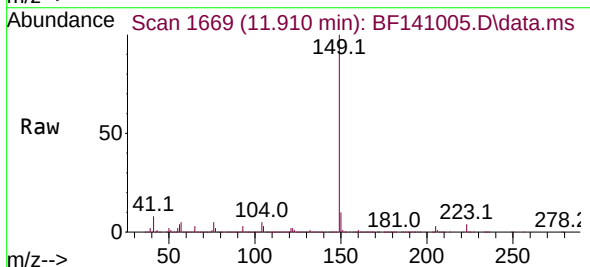
Manual Integrations
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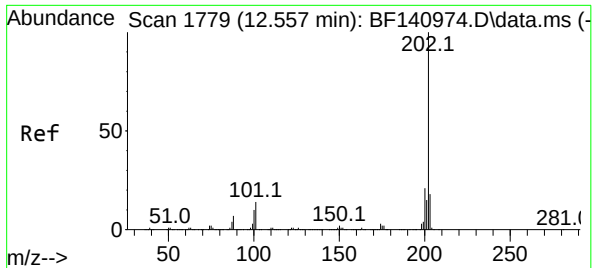
Reviewed By :Yogesh Patel 12/30/2024
 Supervised By :mohammad ahmed 12/30/2024



#74
 Di-n-butylphthalate
 Concen: 46.413 ng
 RT: 11.910 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF141005.D
 Acq: 27 Dec 2024 19:05

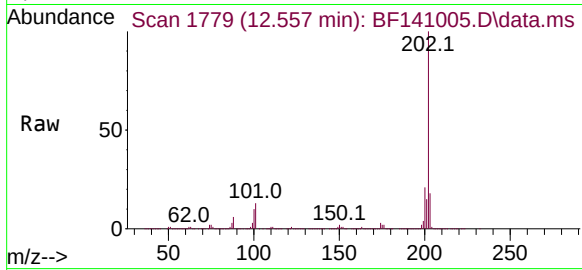
Tgt Ion:149 Resp: 2404518
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 42.378 ng
RT: 12.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

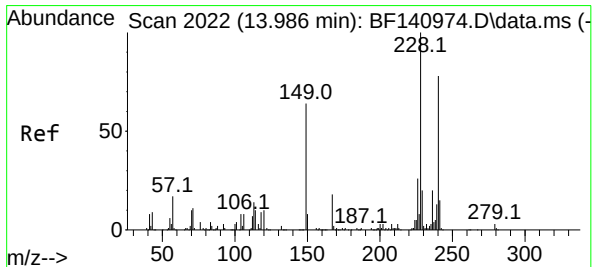
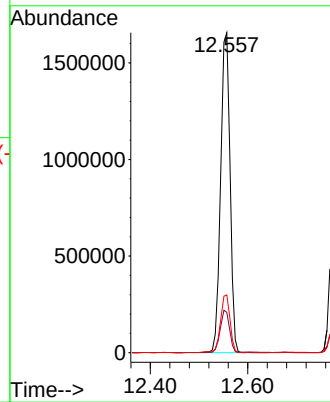
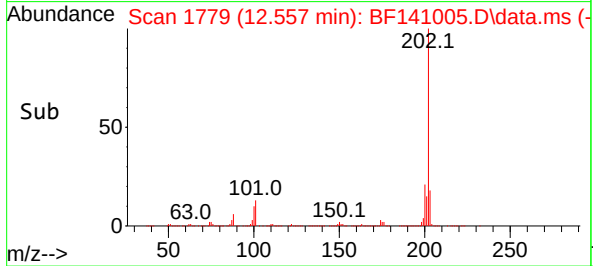
Instrument :
BNA_F
ClientSampleId :
COMP-1MS



Tgt Ion:202 Resp: 2222434
Ion Ratio Lower Upper
202 100
101 12.6 0.0 33.7
203 18.0 0.0 38.1

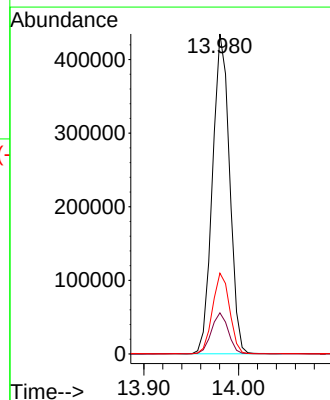
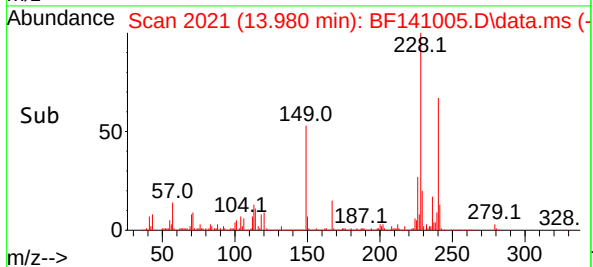
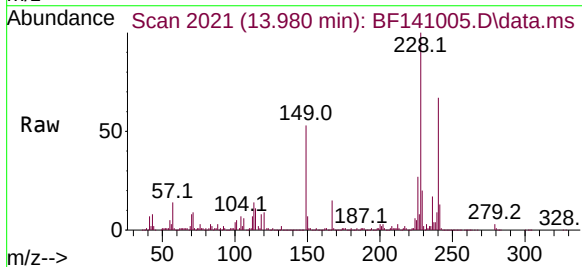
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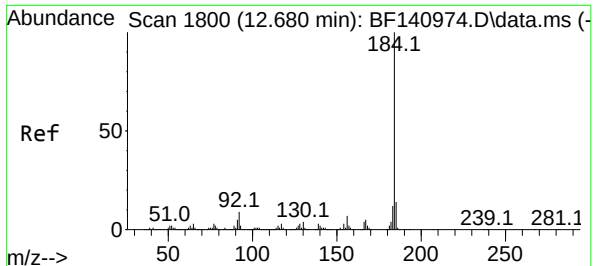
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

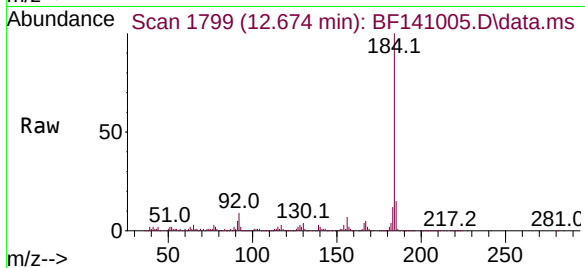
Tgt Ion:240 Resp: 544083
Ion Ratio Lower Upper
240 100
120 12.8 10.7 16.1
236 25.3 20.6 31.0





#77
Benzidine
Concen: 42.743 ng
RT: 12.674 min Scan# 1799
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

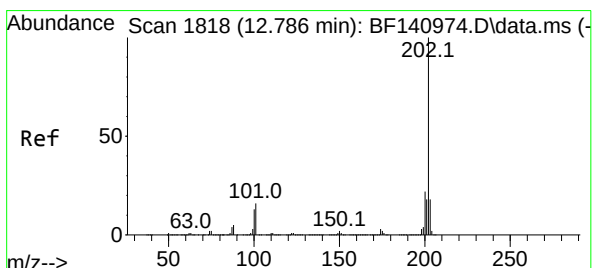
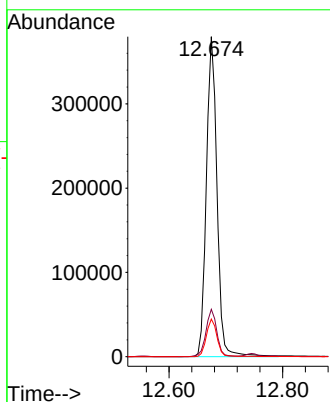
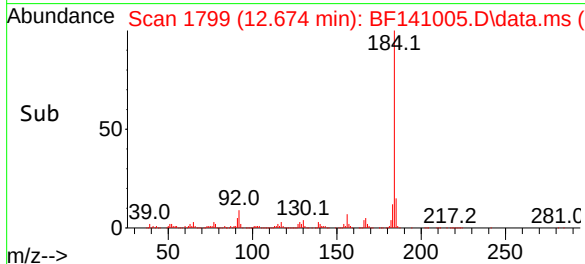
Instrument :
BNA_F
ClientSampleId :
COMP-1MS



Tgt Ion:184 Resp: 491483
Ion Ratio Lower Upper
184 100
185 14.8 11.4 17.2
183 11.7 9.4 14.0

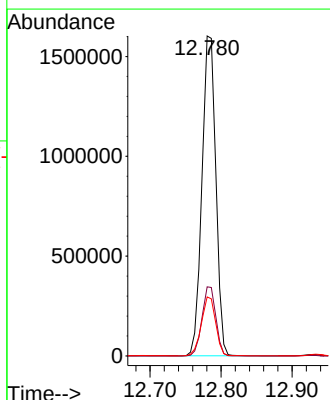
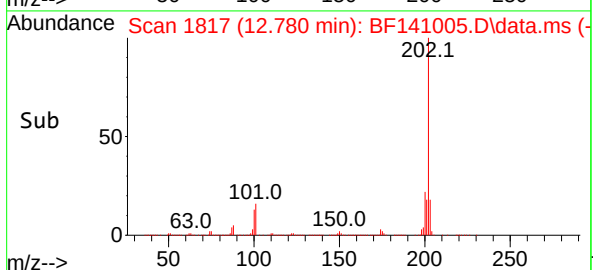
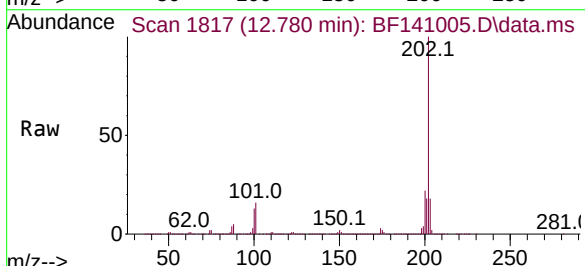
Manual Integrations
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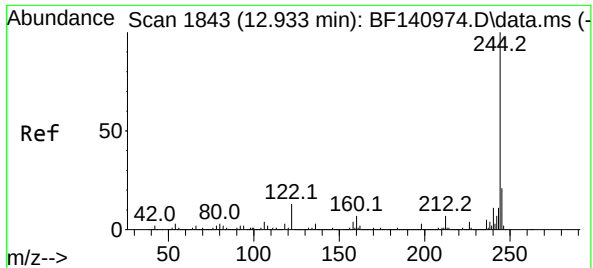
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#78
Pyrene
Concen: 45.918 ng
RT: 12.780 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Tgt Ion:202 Resp: 2184966
Ion Ratio Lower Upper
202 100
200 21.6 17.3 25.9
203 18.4 14.6 21.8





#79

Terphenyl-d14

Concen: 62.678 ng

RT: 12.927 min Scan# 1842

Delta R.T. -0.006 min

Lab File: BF141005.D

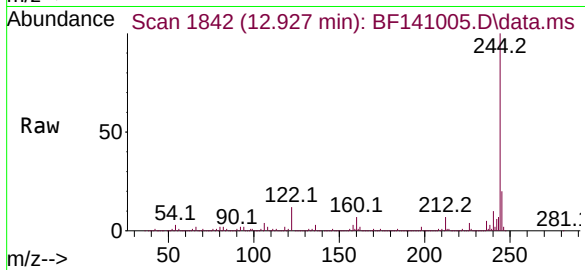
Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

COMP-1MS



Tgt Ion:244 Resp: 2053110

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

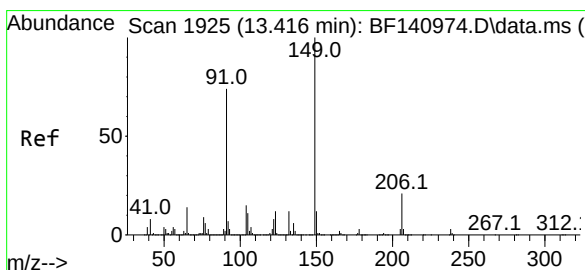
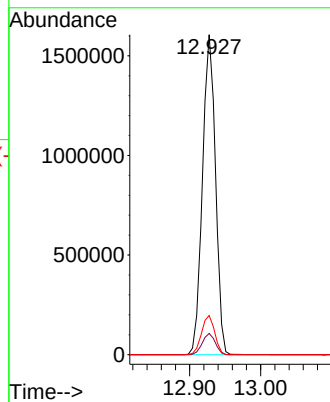
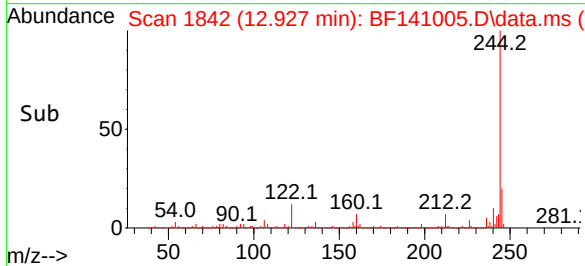
122 12.2 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#80

Butylbenzylphthalate

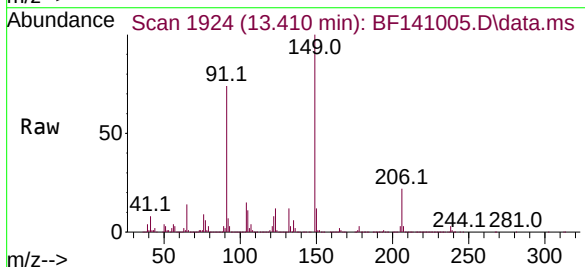
Concen: 45.064 ng

RT: 13.410 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05



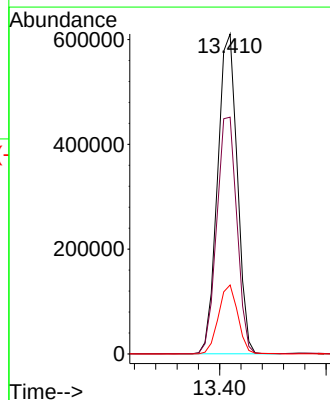
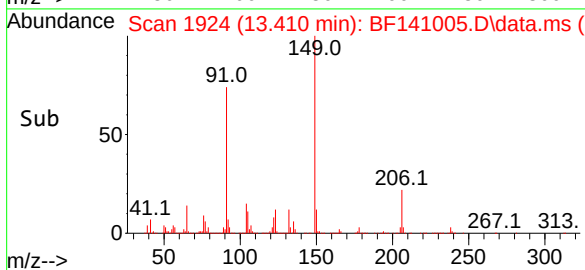
Tgt Ion:149 Resp: 783009

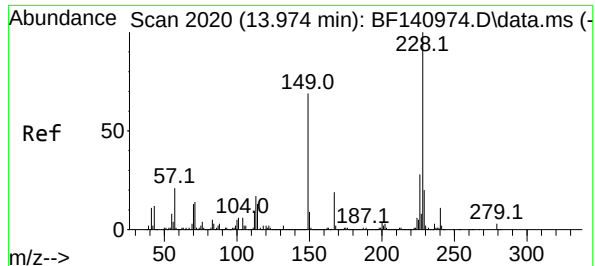
Ion Ratio Lower Upper

149 100

91 74.0 59.5 89.3

206 21.6 17.1 25.7





#81

Benzo(a)anthracene

Concen: 44.315 ng

RT: 13.969 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

Tgt Ion:228 Resp: 168038

Ion Ratio Lower Upper

228 100

226 27.4 22.1 33.1

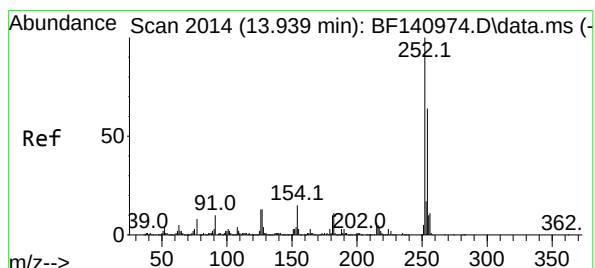
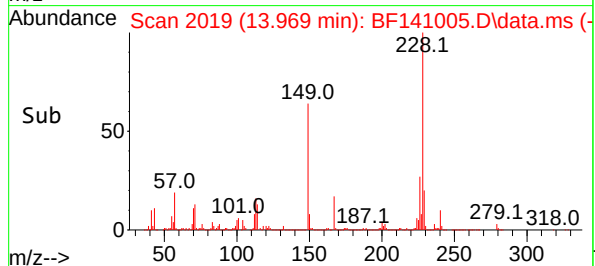
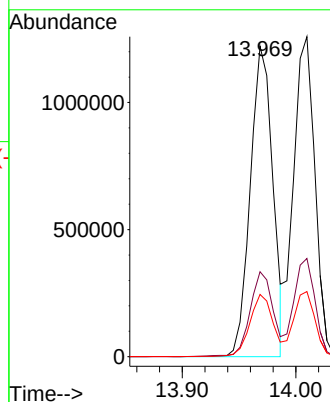
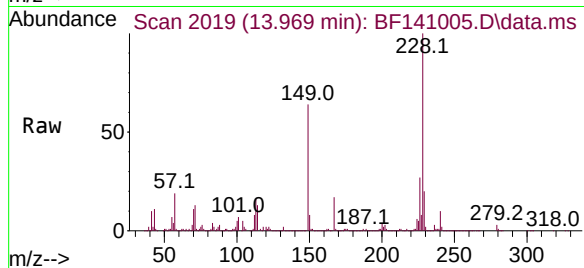
229 20.0 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#82

3,3'-Dichlorobenzidine

Concen: 31.484 ng

RT: 13.933 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

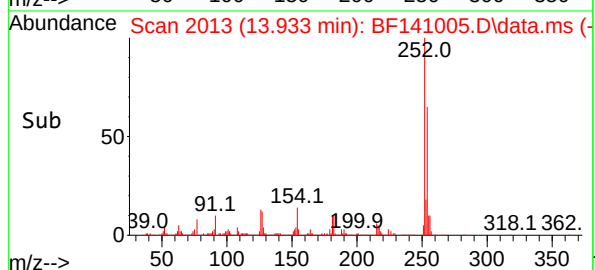
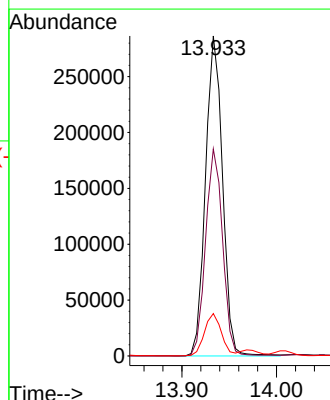
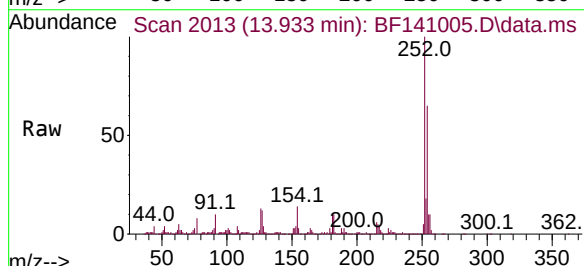
Tgt Ion:252 Resp: 358685

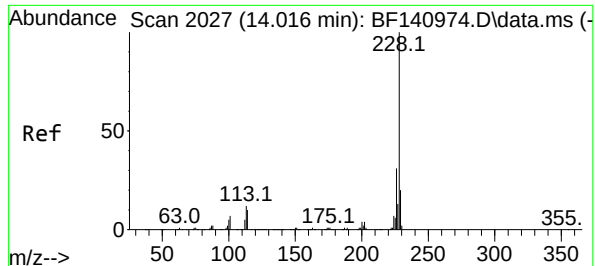
Ion Ratio Lower Upper

252 100

254 64.7 51.5 77.3

126 13.3 10.3 15.5





#83

Chrysene

Concen: 47.910 ng

RT: 14.010 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

Tgt Ion:228 Resp: 1637728

Ion Ratio Lower Upper

228 100

226 30.7 24.5 36.7

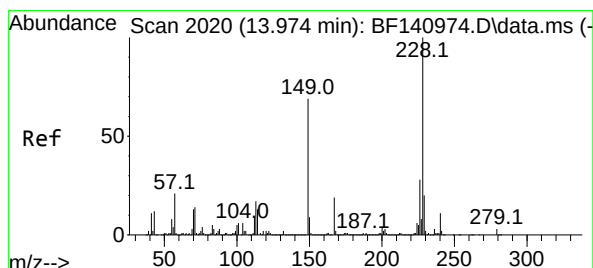
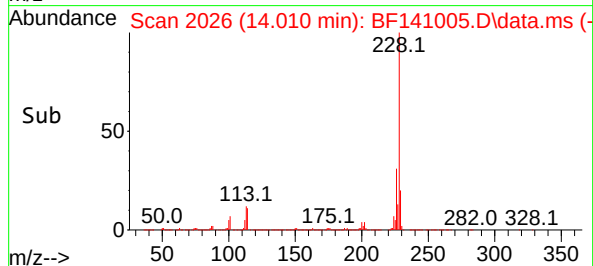
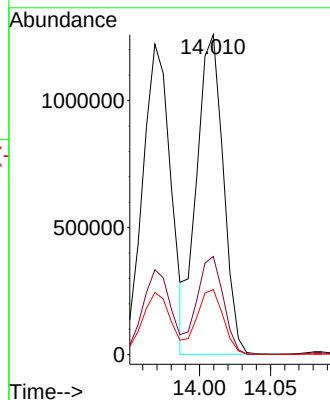
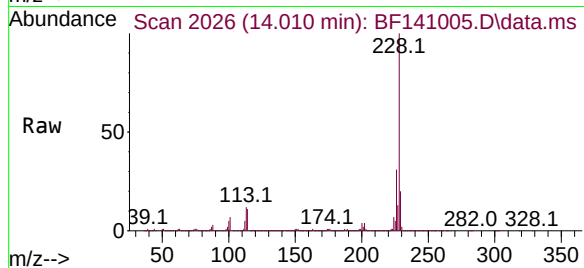
229 20.4 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.292 ng

RT: 13.969 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF141005.D

Acq: 27 Dec 2024 19:05

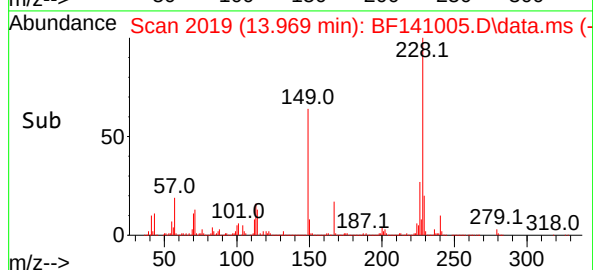
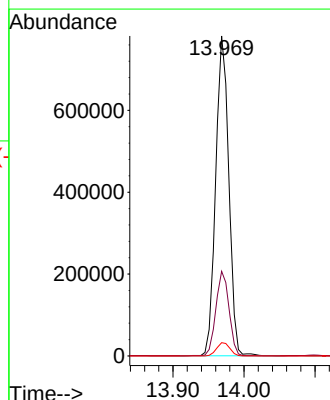
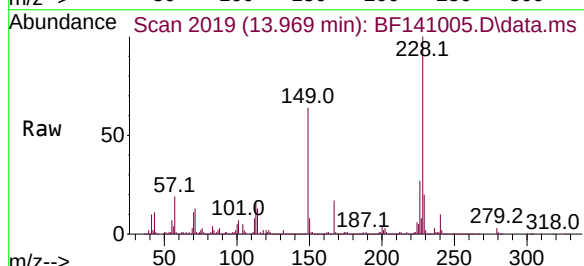
Tgt Ion:149 Resp: 998268

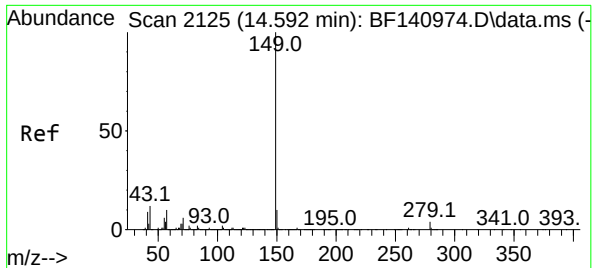
Ion Ratio Lower Upper

149 100

167 26.5 21.6 32.4

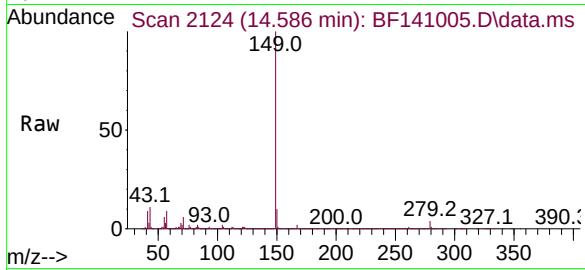
279 4.1 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 53.466 ng
RT: 14.586 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

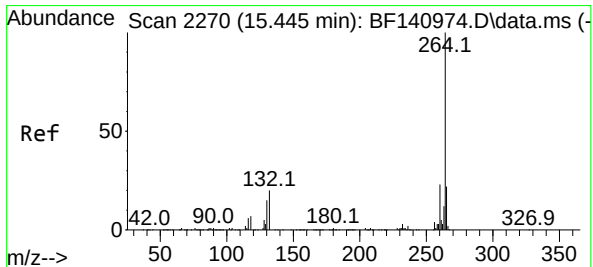
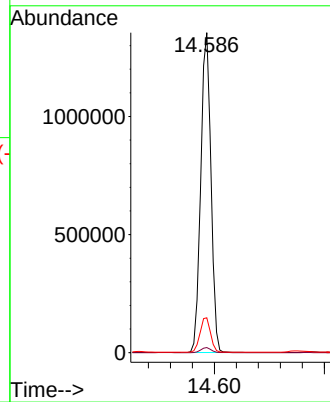
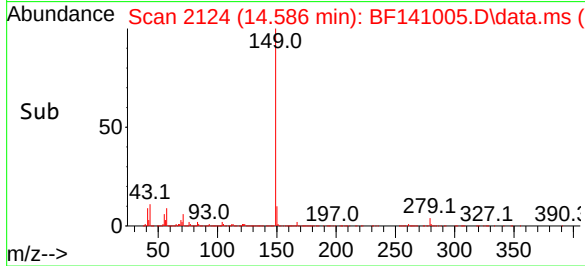
Instrument :
BNA_F
ClientSampleId :
COMP-1MS



Tgt Ion:149 Resp: 1744110
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.2 9.3 13.9

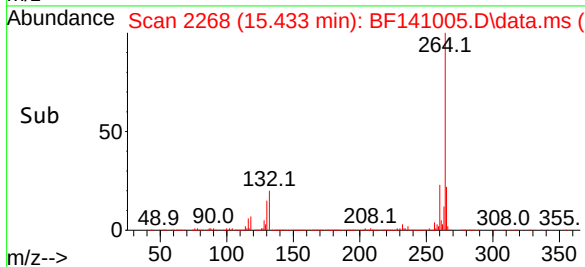
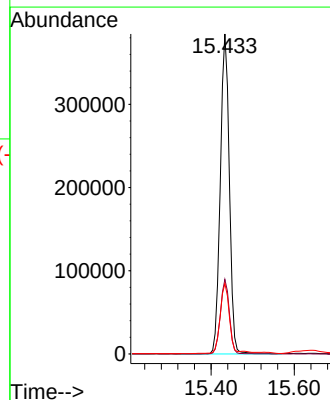
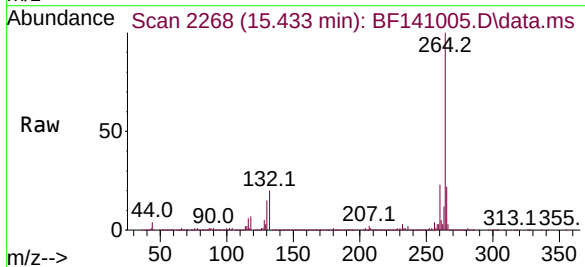
Manual Integrations
APPROVED

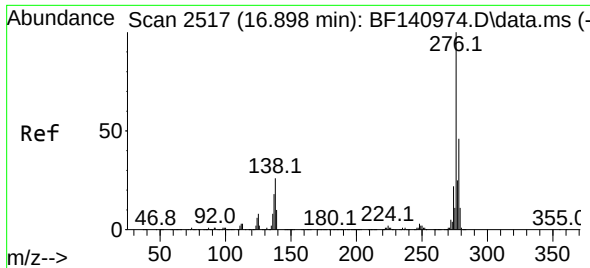
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 2268
Delta R.T. -0.012 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

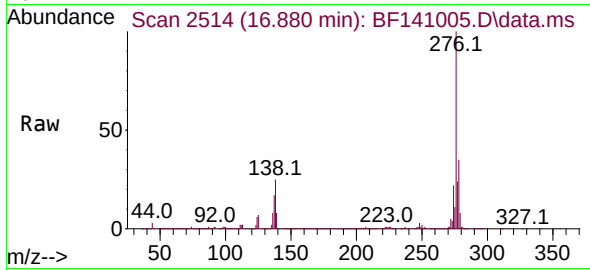
Tgt Ion:264 Resp: 580377
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 22.0 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 39.817 ng
RT: 16.880 min Scan# 2119
Delta R.T. -0.018 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

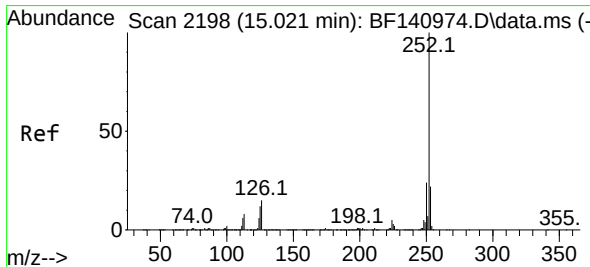
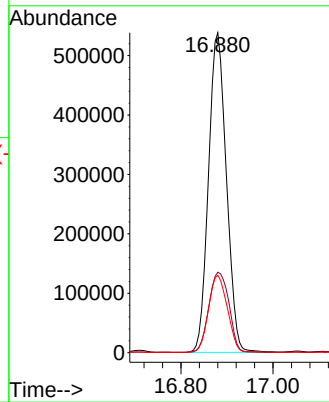
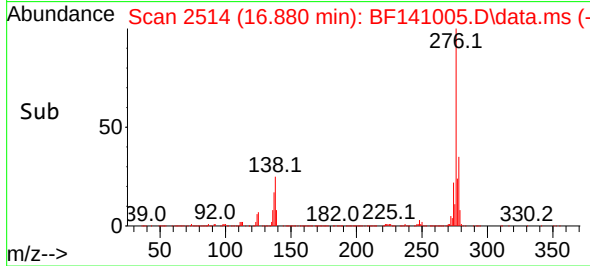
Instrument :
BNA_F
ClientSampleId :
COMP-1MS



Tgt Ion:276 Resp: 1455910
Ion Ratio Lower Upper
276 100
138 28.2 23.1 34.7
277 25.5 20.4 30.6

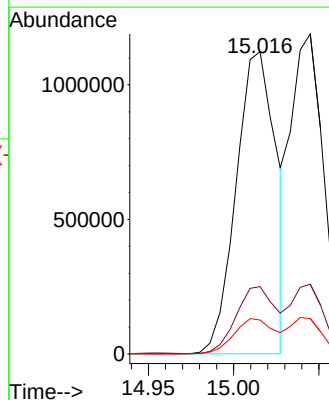
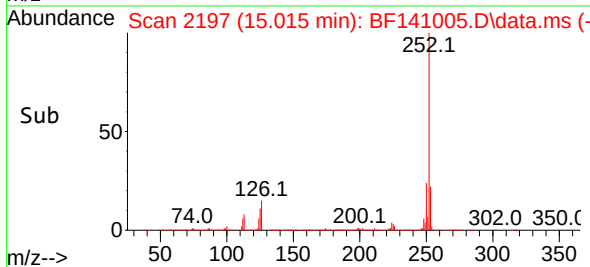
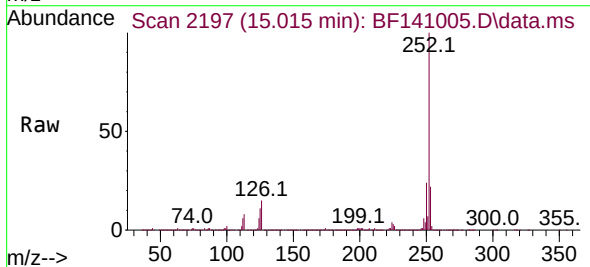
Manual Integrations
APPROVED

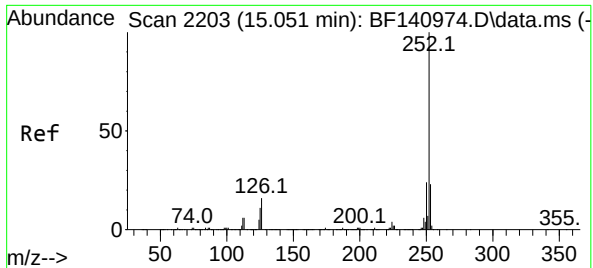
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#88
Benzo(b)fluoranthene
Concen: 45.099 ng
RT: 15.015 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

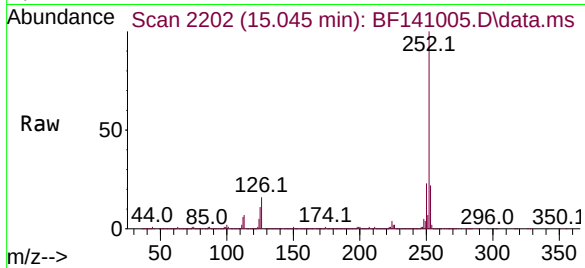
Tgt Ion:252 Resp: 1825516
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 11.2 9.3 13.9





#89
Benzo(k)fluoranthene
Concen: 49.610 ng
RT: 15.045 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

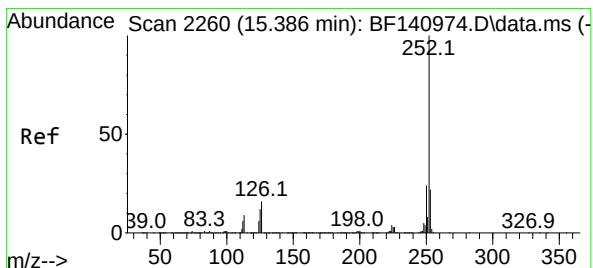
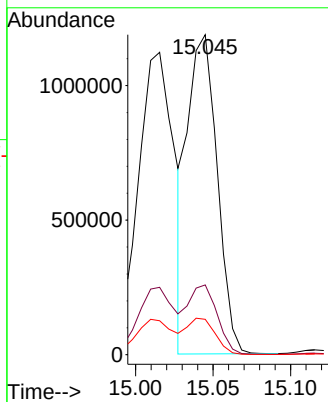
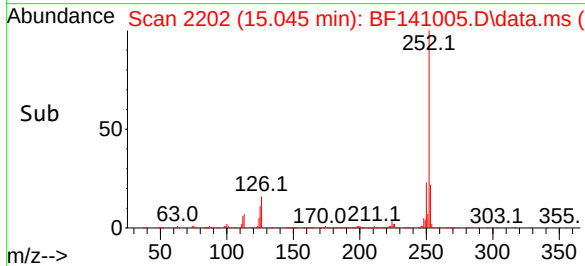
Instrument :
BNA_F
ClientSampleId :
COMP-1MS



Tgt Ion:252 Resp: 1573880
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 11.1 9.4 14.0

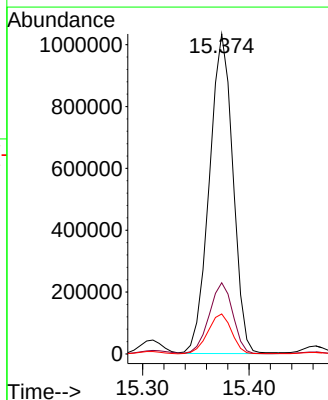
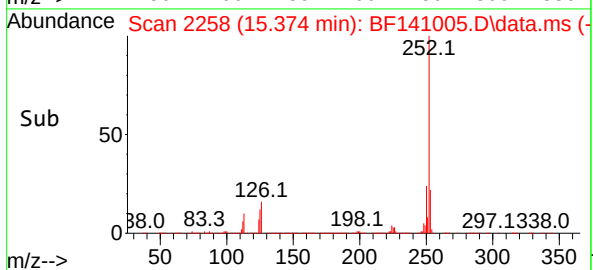
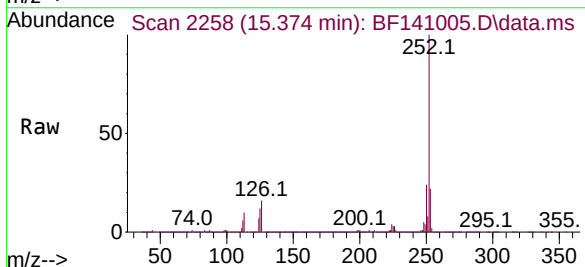
Manual Integrations
APPROVED

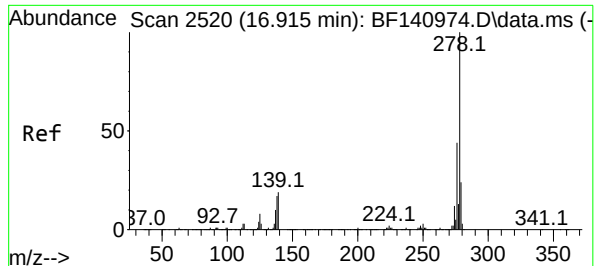
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#90
Benzo(a)pyrene
Concen: 50.666 ng
RT: 15.374 min Scan# 2258
Delta R.T. -0.012 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Tgt Ion:252 Resp: 1591826
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 12.5 9.8 14.8





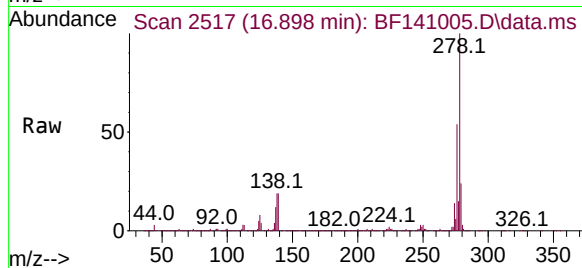
#91
Dibenzo(a,h)anthracene
Concen: 39.456 ng
RT: 16.898 min Scan# 2517
Delta R.T. -0.018 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

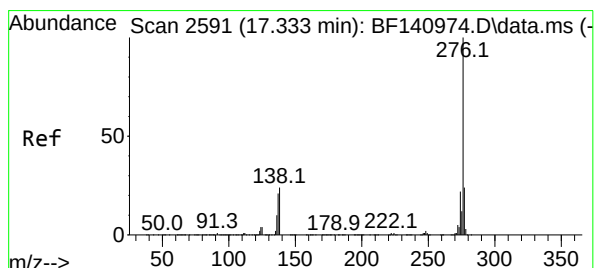
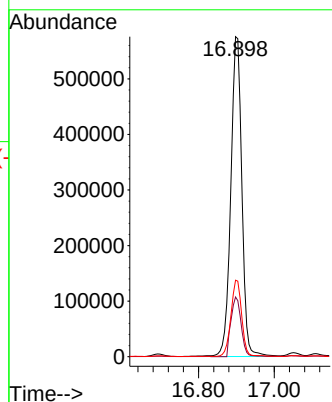
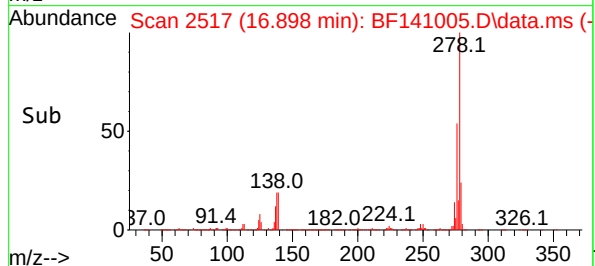


Tgt Ion:278 Resp: 1169470
Ion Ratio Lower Upper
278 100
139 18.7 14.9 22.3
279 23.9 19.0 28.6

Manual Integrations

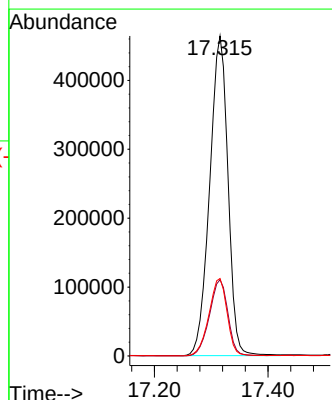
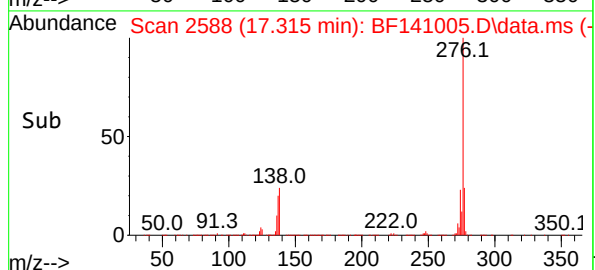
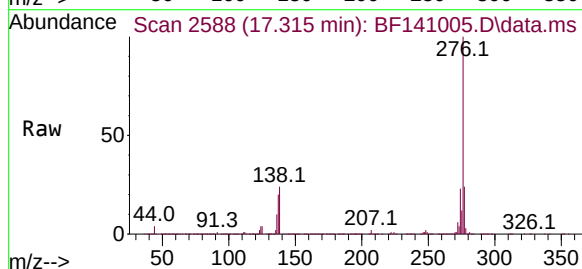
APPROVED

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#92
Benzo(g,h,i)perylene
Concen: 33.712 ng
RT: 17.315 min Scan# 2588
Delta R.T. -0.018 min
Lab File: BF141005.D
Acq: 27 Dec 2024 19:05

Tgt Ion:276 Resp: 1036393
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.4
138 24.2 19.4 29.2



Report of Analysis

Client:	Kleinfelder	Date Collected:	12/20/24
Project:	Comegys School	Date Received:	12/23/24
Client Sample ID:	COMP-1MSD	SDG No.:	P5382
Lab Sample ID:	P5382-01MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	82.8
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BF141006.D	1	12/26/24 09:10	12/27/24 19:32	PB165845

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1900		99.6	200	ug/Kg
86-73-7	Fluorene	1900		100	200	ug/Kg
85-01-8	Phenanthrene	2300		100	200	ug/Kg
120-12-7	Anthracene	2200		100	200	ug/Kg
129-00-0	Pyrene	2100		100	200	ug/Kg
56-55-3	Benzo(a)anthracene	2100		97.3	200	ug/Kg
218-01-9	Chrysene	2200		95.9	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	2100		97.8	200	ug/Kg
50-32-8	Benzo(a)pyrene	2300		110	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800		94.2	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		96.6	200	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	84.1		18 - 107	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	70.6		20 - 109	71%	SPK: 100
1718-51-0	Terphenyl-d14	70.2		10 - 105	70%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	243000	6.822			
1146-65-2	Naphthalene-d8	971000	8.11			
15067-26-2	Acenaphthene-d10	513000	9.857			
1517-22-2	Phenanthrene-d10	802000	11.345			
1719-03-5	Chrysene-d12	483000	13.98			
1520-96-3	Perylene-d12	501000	15.433			

Report of Analysis

Client:	Kleinfelder	Date Collected:	12/20/24
Project:	Comegys School	Date Received:	12/23/24
Client Sample ID:	COMP-1MSD	SDG No.:	P5382
Lab Sample ID:	P5382-01MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	82.8
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BF141006.D	1	12/26/24 09:10	12/27/24 19:32	PB165845

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\BF122724\
 Data File : BF141006.D
 Acq On : 27 Dec 2024 19:32
 Operator : RC/JU
 Sample : P5382-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 27 22:20:56 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Dec 27 00:31:16 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	242878	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	970690	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	512580	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	801566	20.000	ng	0.00
76) Chrysene-d12	13.980	240	483090	20.000	ng	0.00
86) Perylene-d12	15.433	264	500993	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1619921	100.537	ng	0.00
7) Phenol-d6	6.445	99	2061740	99.330	ng	0.00
23) Nitrobenzene-d5	7.387	82	1275443	84.064	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	550944	110.614	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	2271757	70.612	ng	0.00
79) Terphenyl-d14	12.927	244	2042250	70.218	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.640	88	331879	45.496	ng	99
3) Pyridine	3.375	79	864213	48.477	ng	100
4) n-Nitrosodimethylamine	3.328	42	451131	49.945	ng	100
6) Aniline	6.487	93	715486	38.650	ng	99
8) 2-Chlorophenol	6.604	128	874397	51.472	ng	99
9) Benzaldehyde	6.369	77	171186	10.837	ng	99
10) Phenol	6.463	94	1136982	52.975	ng	100
11) bis(2-Chloroethyl)ether	6.563	93	824557	47.580	ng	98
12) 1,3-Dichlorobenzene	6.763	146	890231	47.485	ng	99
13) 1,4-Dichlorobenzene	6.845	146	902429	47.749	ng	99
14) 1,2-Dichlorobenzene	6.992	146	864464	49.058	ng	99
15) Benzyl Alcohol	6.963	79	779132	52.236	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.098	45	1328198	50.679	ng	100
17) 2-Methylphenol	7.075	107	718028	50.877	ng	100
18) Hexachloroethane	7.340	117	335545	49.979	ng	97
19) n-Nitroso-di-n-propyla...	7.240	70	625228	49.168	ng	99
20) 3+4-Methylphenols	7.228	107	889193	49.788	ng	# 86
22) Acetophenone	7.234	105	1150104	48.298	ng	97
24) Nitrobenzene	7.404	77	930435	54.882	ng	98
25) Isophorone	7.645	82	1664941	50.429	ng	99
26) 2-Nitrophenol	7.722	139	439951	61.631	ng	99
27) 2,4-Dimethylphenol	7.757	122	733501	60.790	ng	100
28) bis(2-Chloroethoxy)met...	7.857	93	1013476	48.449	ng	100
29) 2,4-Dichlorophenol	7.957	162	701927	51.292	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	725510	46.840	ng	100
31) Naphthalene	8.128	128	2456550	48.027	ng	100
32) Benzoic acid	7.863	122	552233	54.393	ng	97
33) 4-Chloroaniline	8.175	127	245653	13.275	ng	98
34) Hexachlorobutadiene	8.245	225	430200	47.113	ng	100
35) Caprolactam	8.539	113	223432m	48.027	ng	
36) 4-Chloro-3-methylphenol	8.651	107	766848	50.458	ng	99
37) 2-Methylnaphthalene	8.816	142	1603890	49.015	ng	99
38) 1-Methylnaphthalene	8.916	142	1510604	46.973	ng	100
40) 1,2,4,5-Tetrachloroben...	8.981	216	707266	50.155	ng	99
41) Hexachlorocyclopentadiene	8.975	237	670849	143.554	ng	100
43) 2,4,6-Trichlorophenol	9.092	196	502010	53.488	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
 Data File : BF141006.D
 Acq On : 27 Dec 2024 19:32
 Operator : RC/JU
 Sample : P5382-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 27 22:20:56 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Dec 27 00:31:16 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	497344	51.790	ng	99
46) 1,1'-Biphenyl	9.281	154	1952272	49.742	ng	99
47) 2-Chloronaphthalene	9.304	162	1475427	48.471	ng	100
48) 2-Nitroaniline	9.398	65	473694	58.374	ng	95
49) Acenaphthylene	9.722	152	2262272	51.627	ng	100
50) Dimethylphthalate	9.586	163	1727808	51.246	ng	100
51) 2,6-Dinitrotoluene	9.645	165	384198	55.277	ng	94
52) Acenaphthene	9.892	154	1623426	54.801	ng	99
53) 3-Nitroaniline	9.804	138	223199	31.084	ng	# 98
54) 2,4-Dinitrophenol	9.910	184	291687	96.987	ng	# 1
55) Dibenzofuran	10.069	168	2075476	49.853	ng	99
56) 4-Nitrophenol	9.963	139	607106	105.266	ng	95
57) 2,4-Dinitrotoluene	10.045	165	507277	59.138	ng	96
58) Fluorene	10.410	166	1544187	47.832	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.181	232	426532	53.630	ng	99
60) Diethylphthalate	10.286	149	1670865	50.198	ng	99
61) 4-Chlorophenyl-phenyle...	10.398	204	751275	48.363	ng	100
62) 4-Nitroaniline	10.422	138	354264	47.464	ng	95
63) Azobenzene	10.563	77	1860403	53.250	ng	95
65) 4,6-Dinitro-2-methylph...	10.451	198	214074	63.288	ng	92
66) n-Nitrosodiphenylamine	10.522	169	1412624	55.965	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	492101	56.791	ng	97
68) Hexachlorobenzene	10.951	284	519404	54.362	ng	98
69) Atrazine	11.045	200	461855	65.497	ng	99
70) Pentachlorophenol	11.145	266	592972	99.680	ng	99
71) Phenanthrene	11.369	178	2422705	57.428	ng	100
72) Anthracene	11.422	178	2287159	55.328	ng	100
73) Carbazole	11.575	167	1870419	47.067	ng	100
74) Di-n-butylphthalate	11.910	149	2392727	52.937	ng	100
75) Fluoranthene	12.557	202	2204500	48.181	ng	99
77) Benzidine	12.675	184	516936	50.632	ng	99
78) Pyrene	12.780	202	2178722	51.567	ng	100
80) Butylbenzylphthalate	13.410	149	802945	52.046	ng	99
81) Benzo(a)anthracene	13.969	228	1717757	51.020	ng	100
82) 3,3'-Dichlorobenzidine	13.933	252	367920	36.372	ng	100
83) Chrysene	14.010	228	1660221	54.701	ng	100
84) Bis(2-ethylhexyl)phtha...	13.969	149	1012227	50.581	ng	100
85) Di-n-octyl phthalate	14.580	149	1763903	60.899	ng	99
87) Indeno(1,2,3-cd)pyrene	16.880	276	1427541	45.227	ng	99
88) Benzo(b)fluoranthene	15.010	252	1836997	52.574	ng	99
89) Benzo(k)fluoranthene	15.039	252	1525297	55.697	ng	99
90) Benzo(a)pyrene	15.374	252	1566908	57.775	ng	99
91) Dibenzo(a,h)anthracene	16.898	278	1153285	45.075	ng	99
92) Benzo(g,h,i)perylene	17.315	276	1033155	38.932	ng	99

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

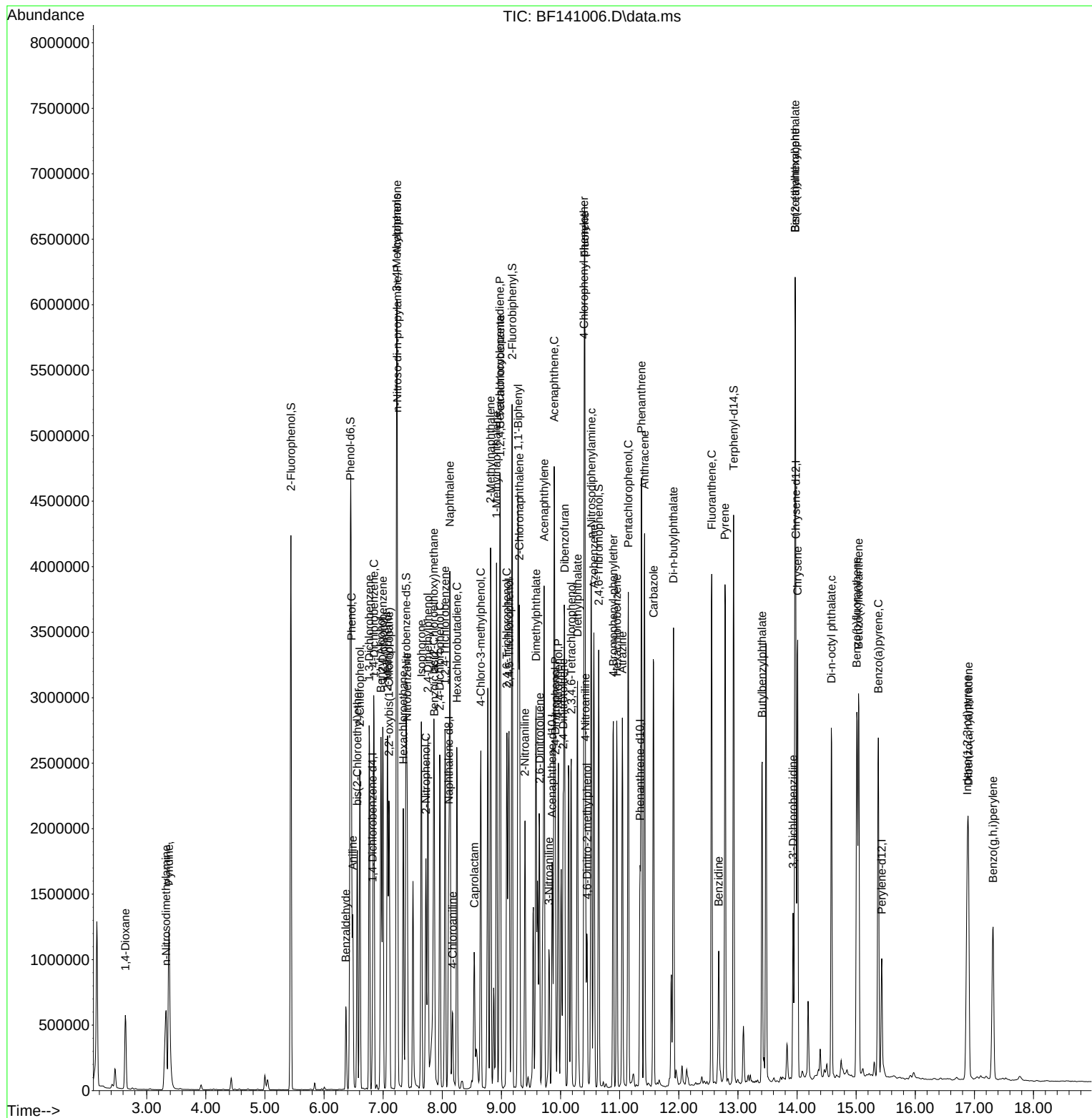
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Data File : BF141006.D
Acq On : 27 Dec 2024 19:32
Operator : RC/JU
Sample : P5382-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

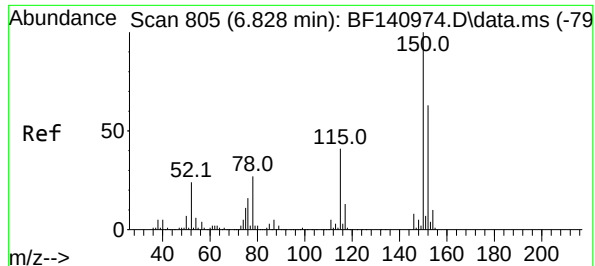
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

Manual Integrations

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 27 22:20:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:31:16 2024
Response via : Initial Calibration





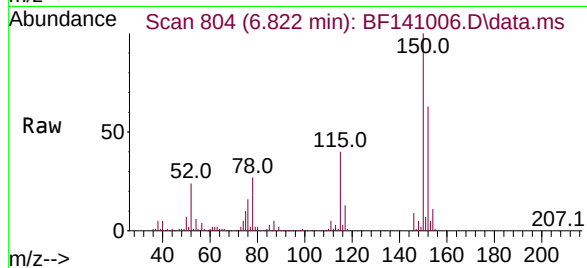
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

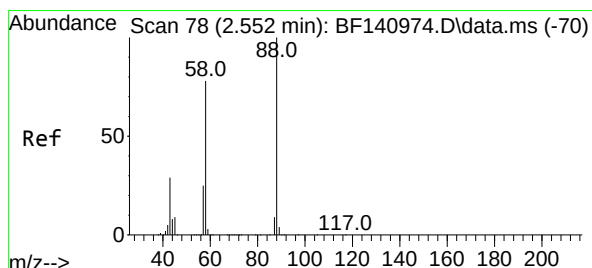
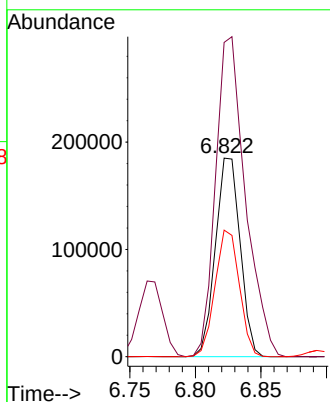
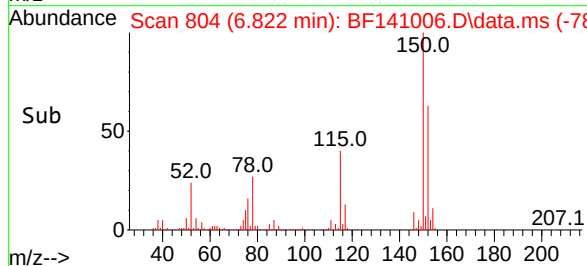


Tgt Ion:152 Resp: 242878
Ion Ratio Lower Upper
152 100
150 158.2 127.0 190.6
115 63.7 51.7 77.5

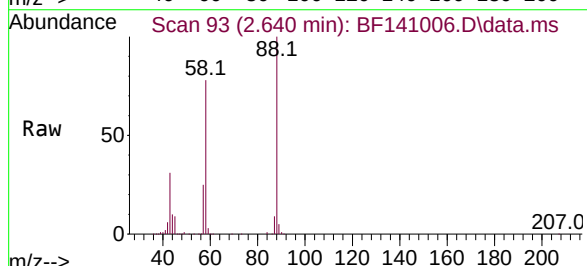
Manual Integrations

APPROVED

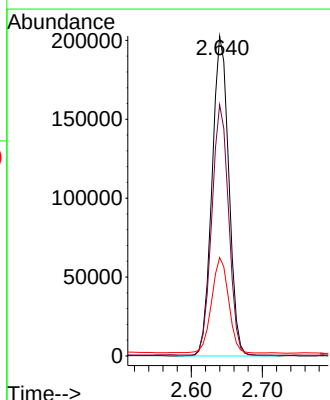
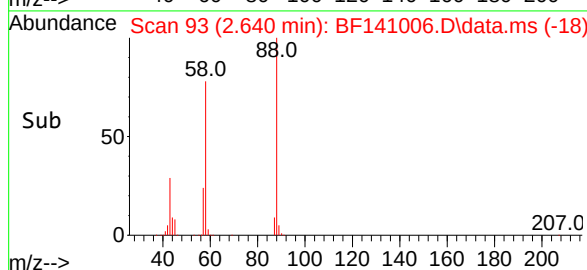
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

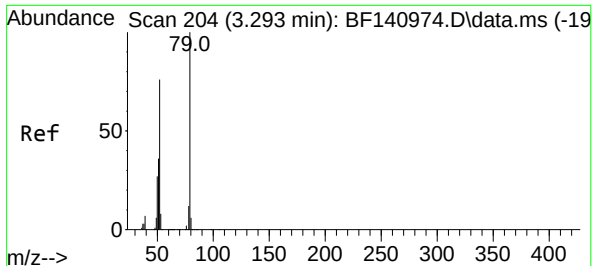


#2
1,4-Dioxane
Concen: 45.496 ng
RT: 2.640 min Scan# 93
Delta R.T. 0.088 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32



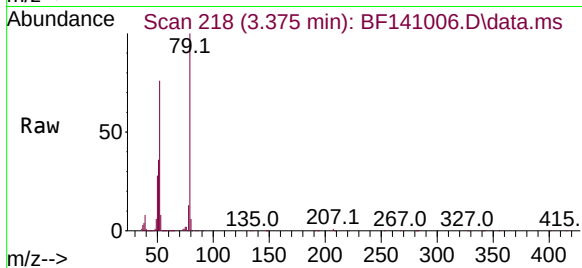
Tgt Ion: 88 Resp: 331879
Ion Ratio Lower Upper
88 100
58 78.6 63.0 94.4
43 30.1 23.4 35.2





#3
Pyridine
Concen: 48.477 ng
RT: 3.375 min Scan# 210
Delta R.T. 0.082 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

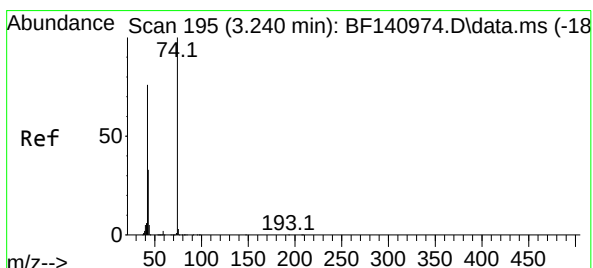
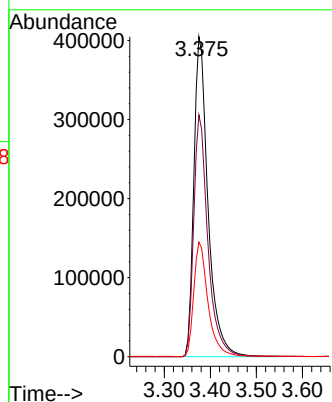
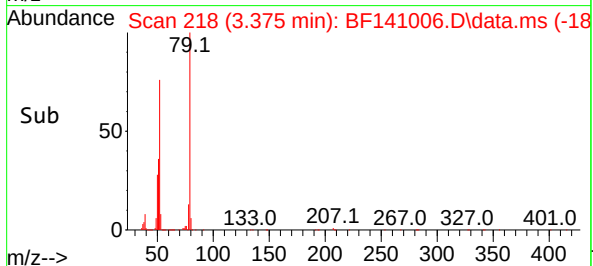
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD



Tgt Ion: 79 Resp: 864211
Ion Ratio Lower Upper
79 100
52 75.5 60.4 90.6
51 35.8 28.8 43.2

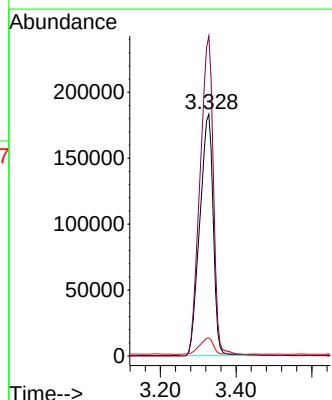
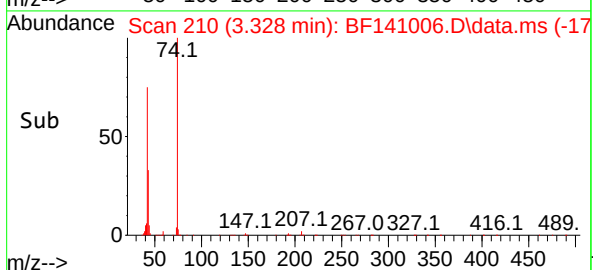
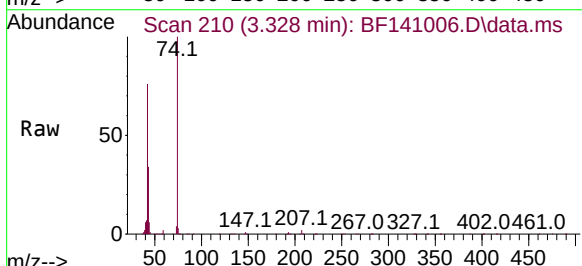
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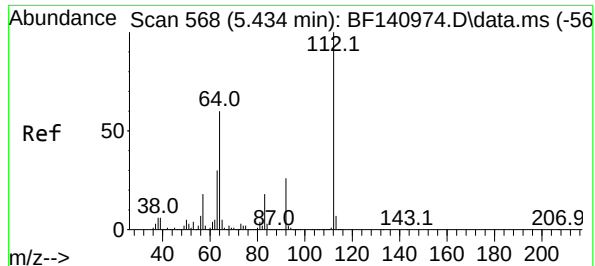
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#4
n-Nitrosodimethylamine
Concen: 49.945 ng
RT: 3.328 min Scan# 210
Delta R.T. 0.088 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

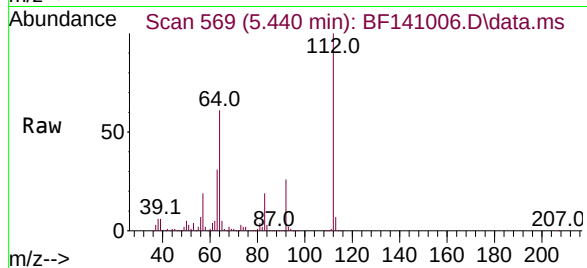
Tgt Ion: 42 Resp: 451131
Ion Ratio Lower Upper
42 100
74 132.4 105.8 158.6
44 7.5 6.6 10.0





#5
2-Fluorophenol
Concen: 100.537 ng
RT: 5.440 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

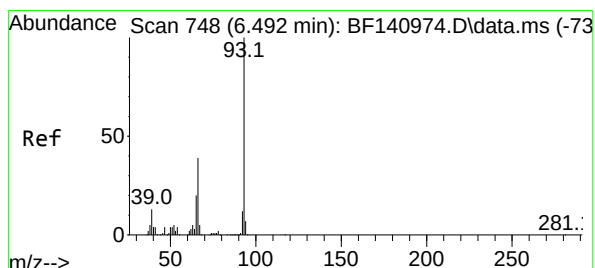
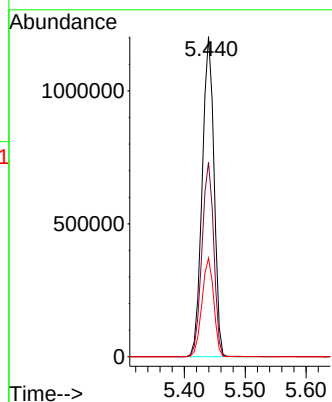
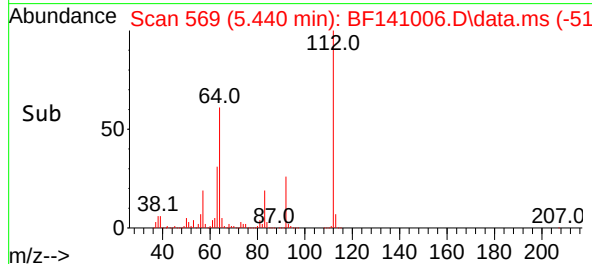
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD



Tgt Ion: 112 Resp: 161992
Ion Ratio Lower Upper
112 100
64 60.8 47.7 71.5
63 30.8 24.2 36.2

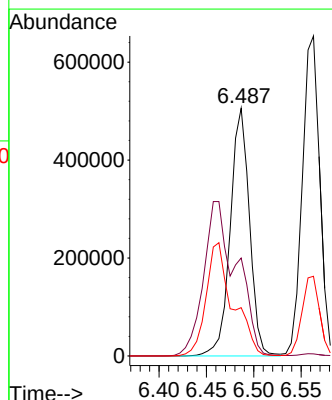
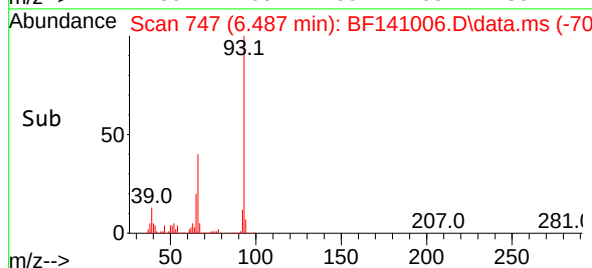
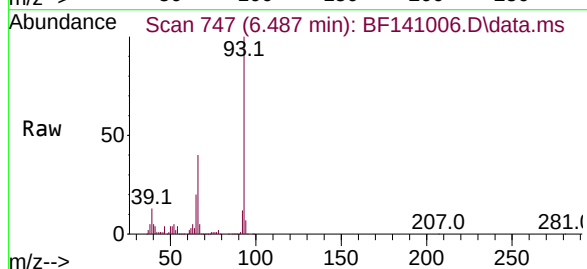
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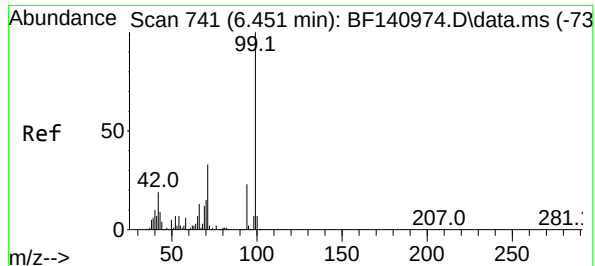
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#6
Aniline
Concen: 38.650 ng
RT: 6.487 min Scan# 747
Delta R.T. -0.023 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

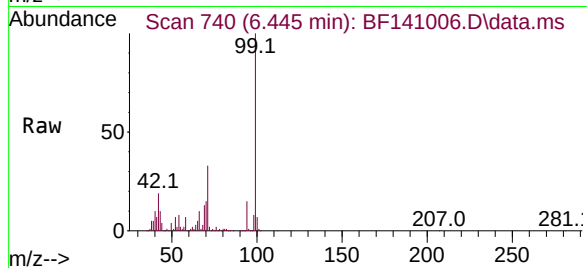
Tgt Ion: 93 Resp: 715486
Ion Ratio Lower Upper
93 100
66 39.5 31.8 47.8
65 19.5 15.4 23.0





#7
Phenol-d6
Concen: 99.330 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

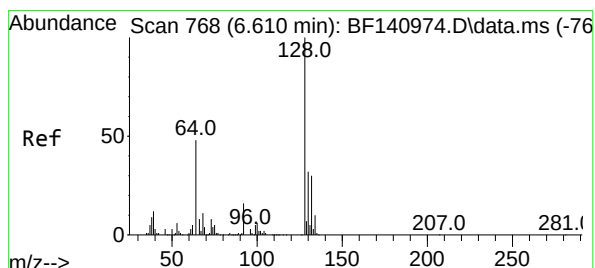
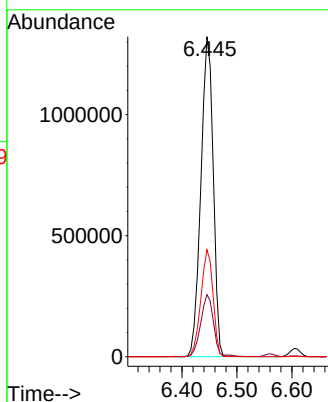
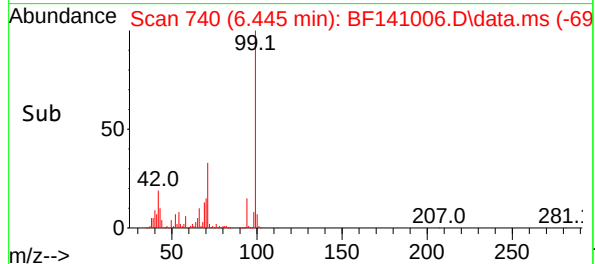
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD



Tgt Ion: 99 Resp: 2061740
Ion Ratio Lower Upper
99 100
42 19.4 15.0 22.4
71 33.4 26.2 39.2

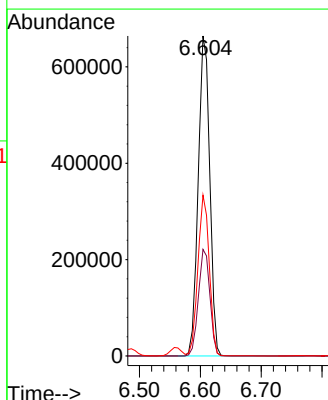
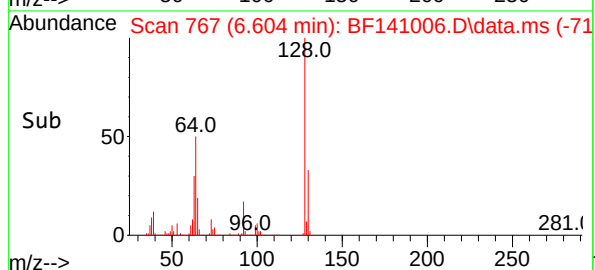
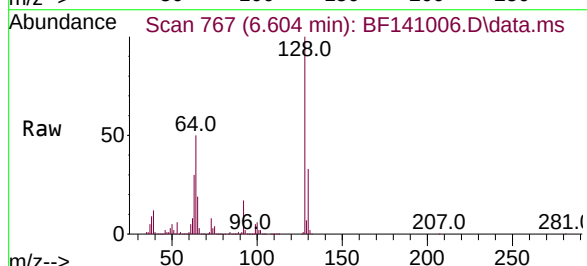
Manual Integrations
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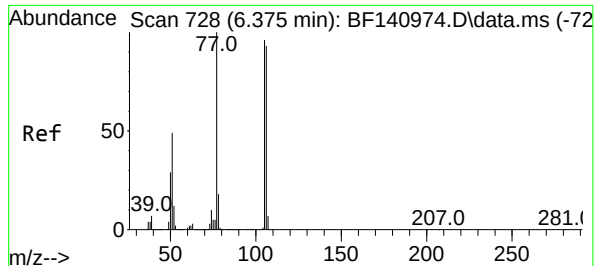
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#8
2-Chlorophenol
Concen: 51.472 ng
RT: 6.604 min Scan# 767
Delta R.T. -0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Tgt Ion:128 Resp: 874397
Ion Ratio Lower Upper
128 100
130 33.3 12.2 52.2
64 50.2 30.3 70.3





#9

Benzaldehyde

Concen: 10.837 ng

RT: 6.369 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

Tgt Ion: 77 Resp: 171180

Ion Ratio Lower Upper

77 100

105 97.5 76.2 116.2

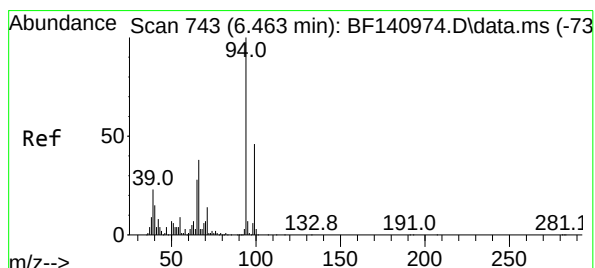
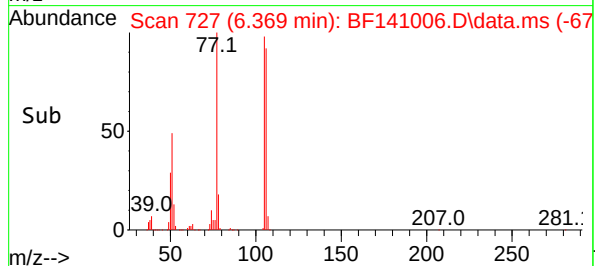
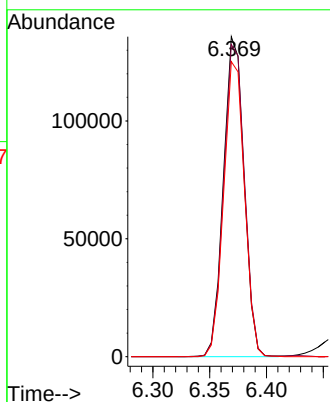
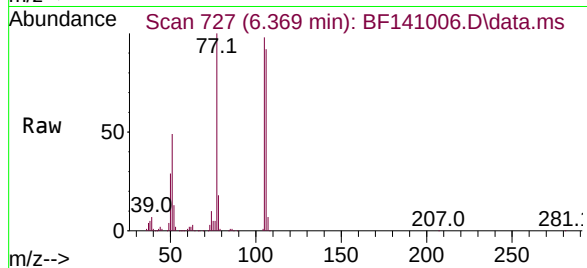
106 92.2 73.4 113.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#10

Phenol

Concen: 52.975 ng

RT: 6.463 min Scan# 743

Delta R.T. 0.000 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

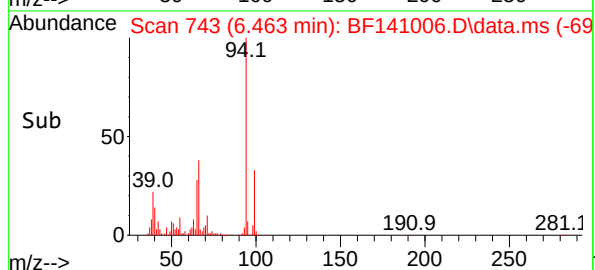
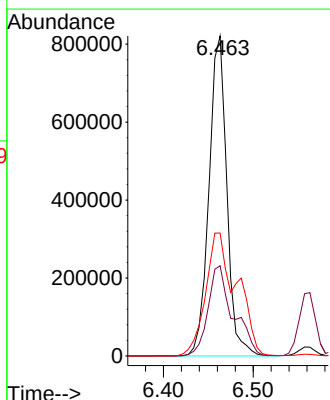
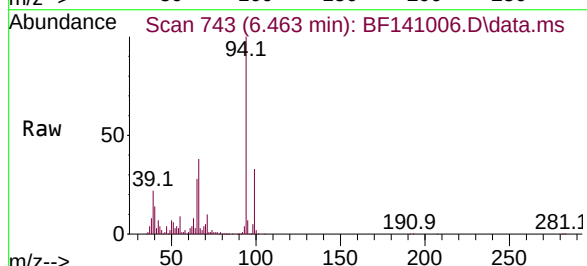
Tgt Ion: 94 Resp: 1136982

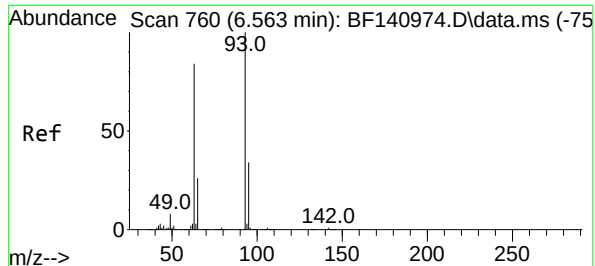
Ion Ratio Lower Upper

94 100

65 28.2 8.1 48.1

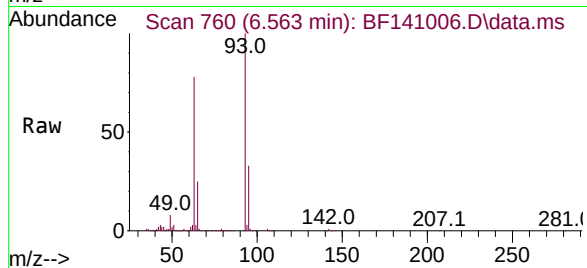
66 38.4 18.7 58.7





#11
bis(2-Chloroethyl)ether
Concen: 47.580 ng
RT: 6.563 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

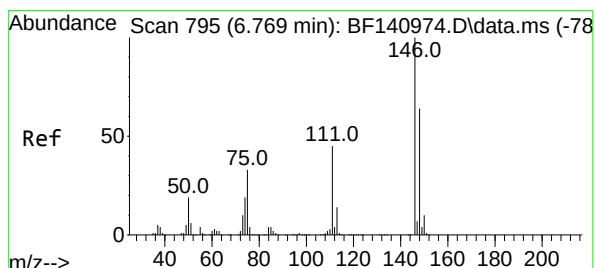
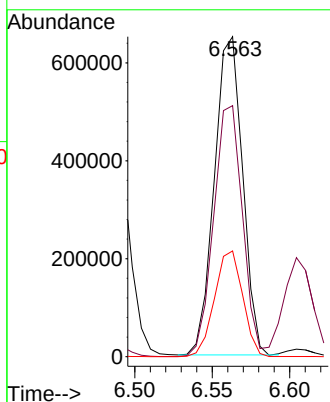
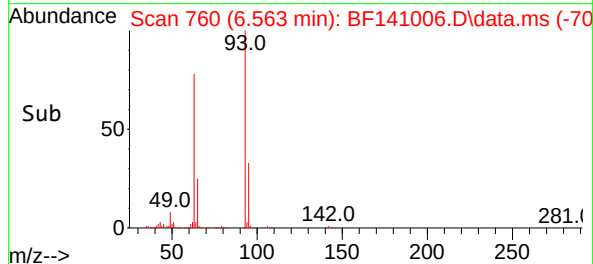
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD



Tgt Ion: 93 Resp: 82455
Ion Ratio Lower Upper
93 100
63 78.4 60.3 100.3
95 33.0 12.2 52.2

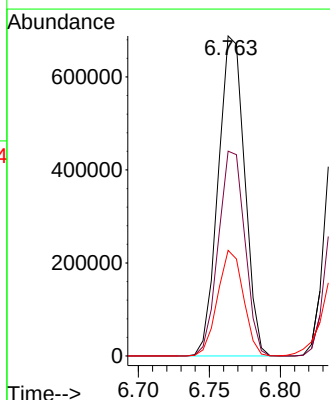
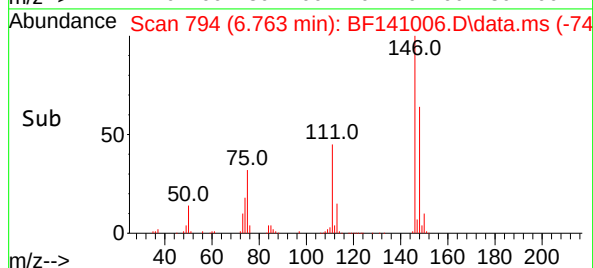
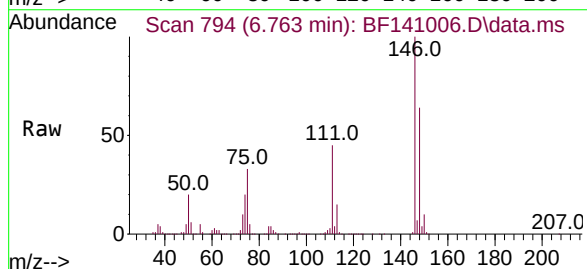
Manual Integrations
APPROVED

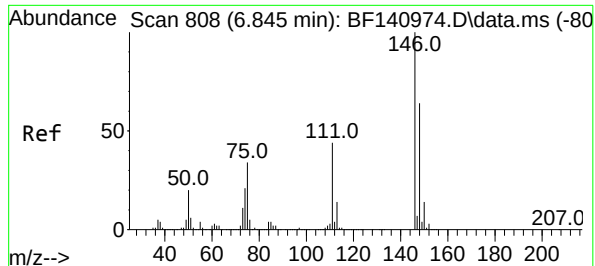
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#12
1,3-Dichlorobenzene
Concen: 47.485 ng
RT: 6.763 min Scan# 794
Delta R.T. -0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Tgt Ion:146 Resp: 890231
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.4
75 33.0 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 47.749 ng

RT: 6.845 min Scan# 808

Delta R.T. 0.000 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

Tgt Ion:146 Resp: 902429

Ion Ratio Lower Upper

146 100

148 64.3 51.3 76.9

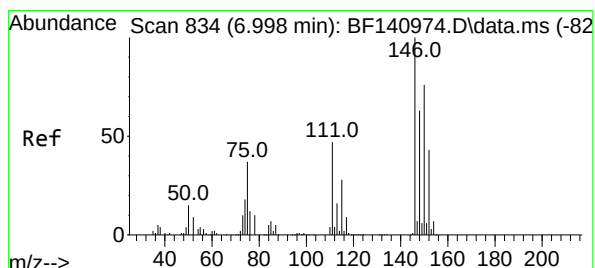
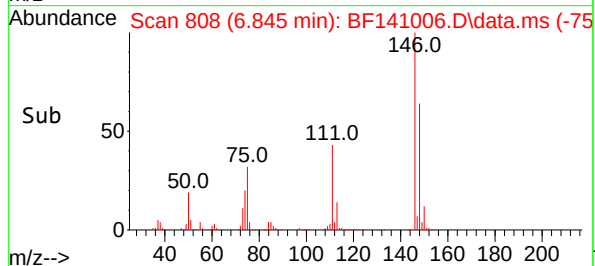
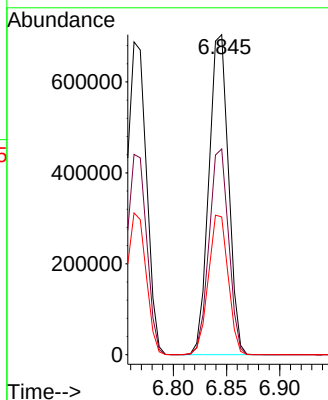
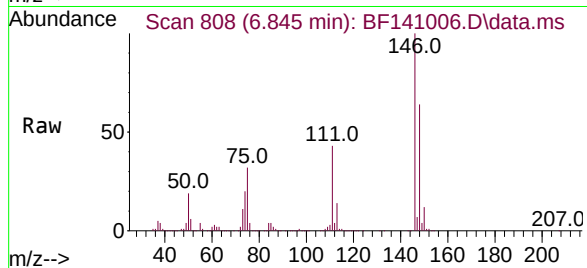
111 43.1 35.3 52.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#14

1,2-Dichlorobenzene

Concen: 49.058 ng

RT: 6.992 min Scan# 833

Delta R.T. -0.006 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

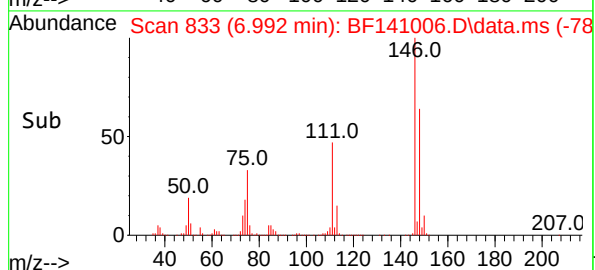
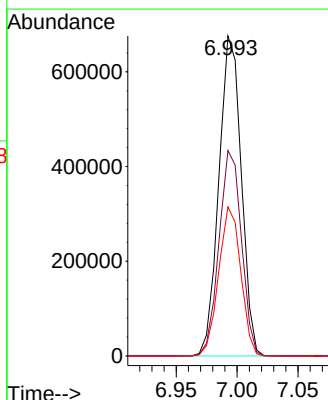
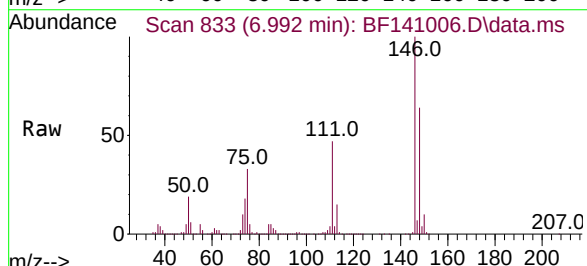
Tgt Ion:146 Resp: 864464

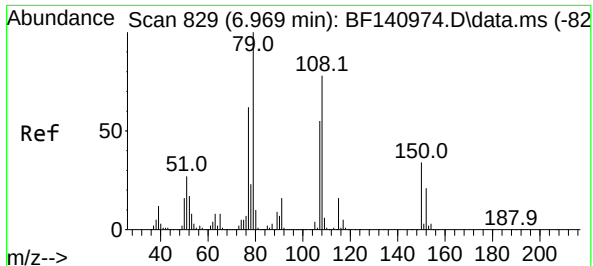
Ion Ratio Lower Upper

146 100

148 64.2 50.6 76.0

111 46.6 37.3 55.9





#15

Benzyl Alcohol

Concen: 52.236 ng

RT: 6.963 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

Tgt Ion: 79 Resp: 77913

Ion Ratio Lower Upper

79 100

108 78.0 62.5 93.7

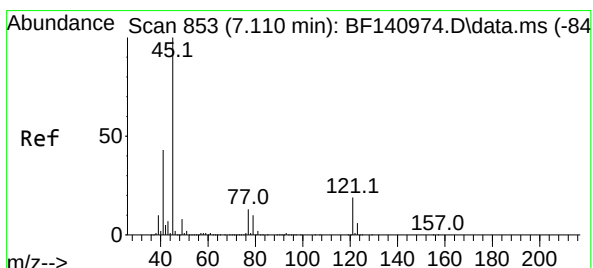
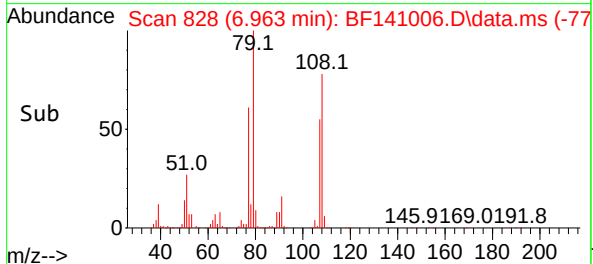
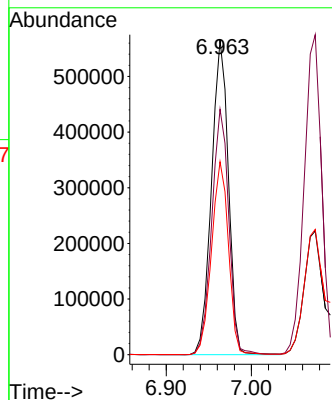
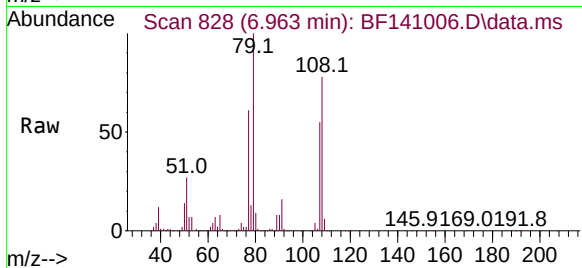
77 61.3 49.3 73.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#16

2,2'-oxybis(1-Chloropropane)

Concen: 50.679 ng

RT: 7.098 min Scan# 851

Delta R.T. -0.012 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

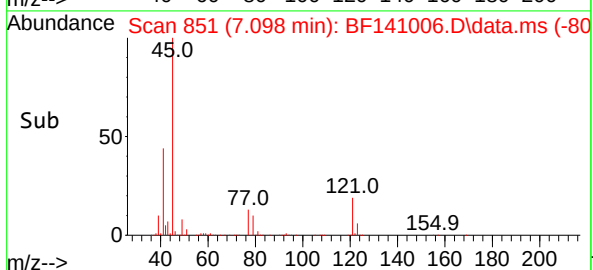
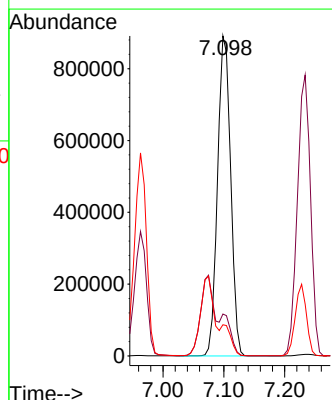
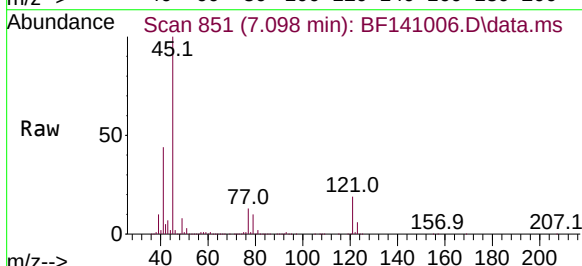
Tgt Ion: 45 Resp: 1328198

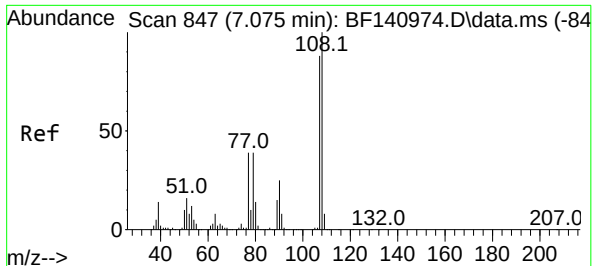
Ion Ratio Lower Upper

45 100

77 13.1 0.0 33.1

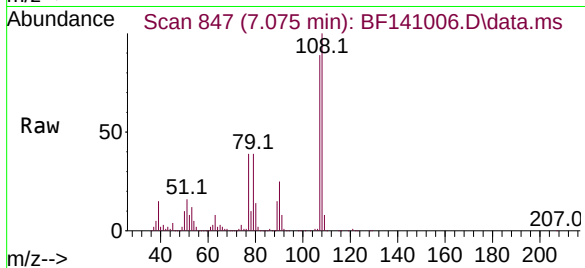
79 9.7 0.0 30.1





#17
2-Methylphenol
Concen: 50.877 ng
RT: 7.075 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

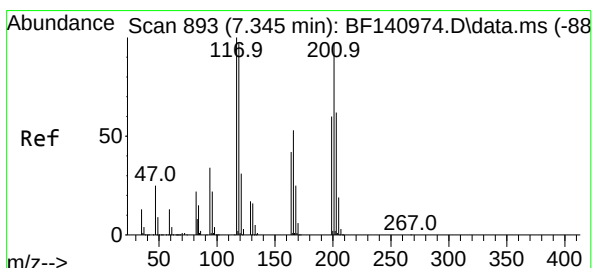
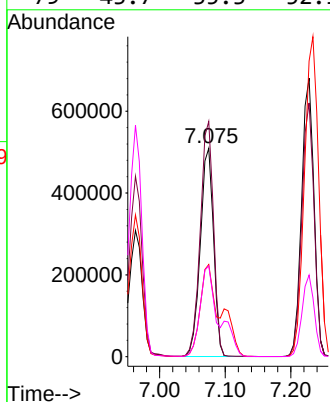
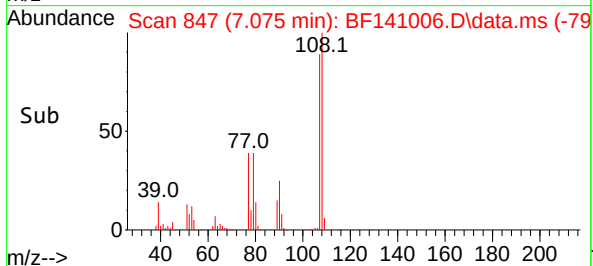
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD



Tgt Ion:107 Resp: 718028
Ion Ratio Lower Upper
107 100
108 112.9 90.6 136.0
77 44.2 35.3 52.9
79 43.7 35.3 52.9

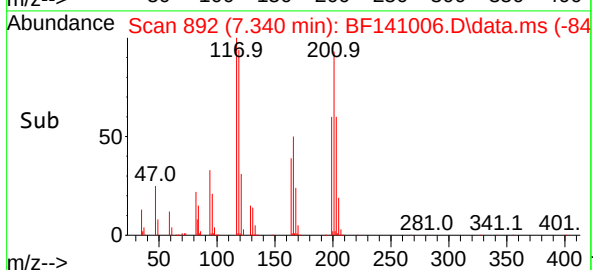
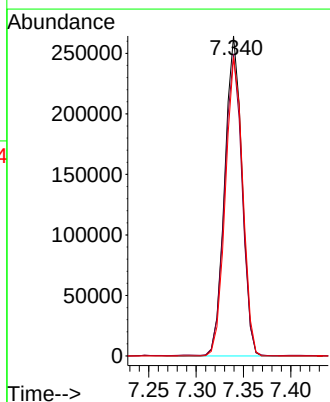
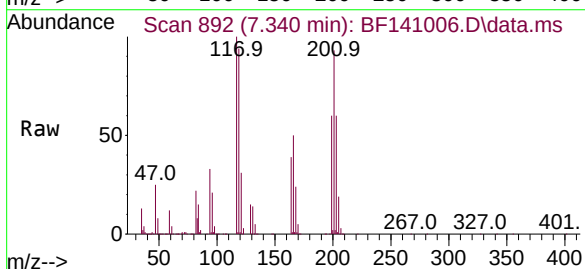
Manual Integrations
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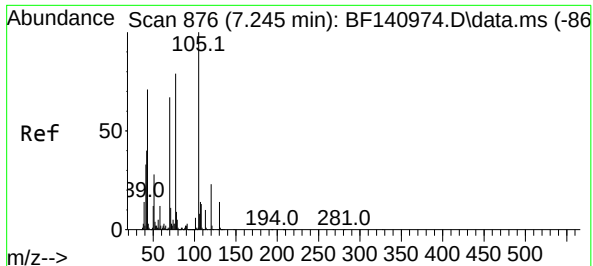
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#18
Hexachloroethane
Concen: 49.979 ng
RT: 7.340 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Tgt Ion:117 Resp: 335545
Ion Ratio Lower Upper
117 100
119 94.3 77.5 116.3
201 93.2 77.4 116.2





#19

n-Nitroso-di-n-propylamine

Concen: 49.168 ng

RT: 7.240 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

Tgt Ion: 70 Resp: 625228

Ion Ratio Lower Upper

70 100

42 59.5 48.1 72.1

101 9.6 7.6 11.4

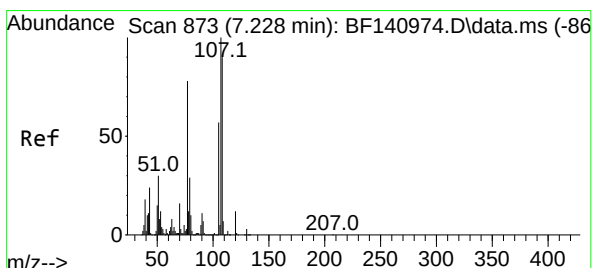
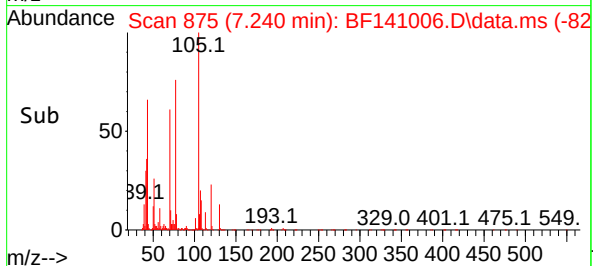
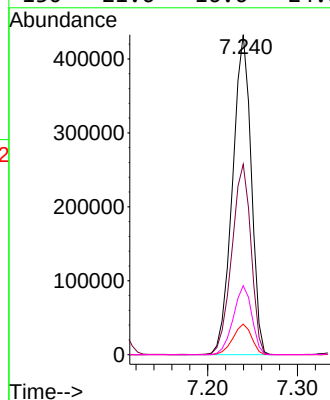
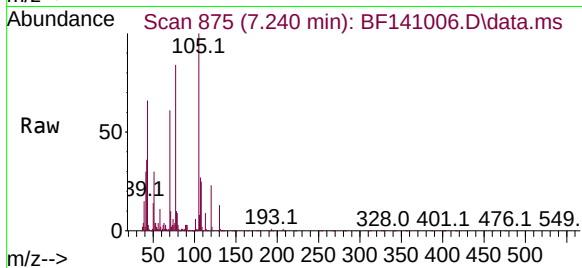
130 21.6 16.6 24.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#20

3+4-Methylphenols

Concen: 49.788 ng

RT: 7.228 min Scan# 873

Delta R.T. 0.000 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

Tgt Ion:107 Resp: 889193

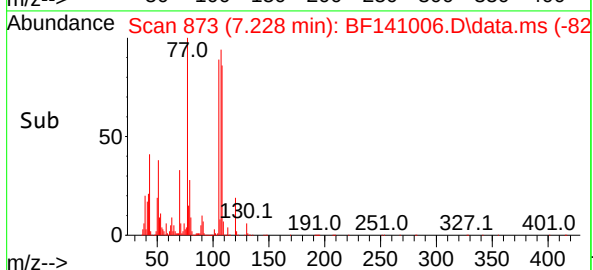
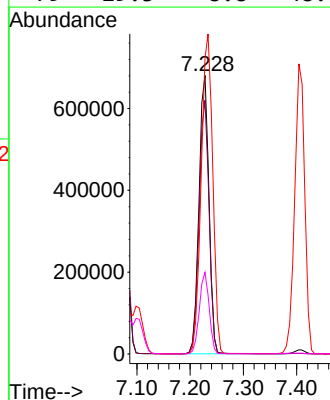
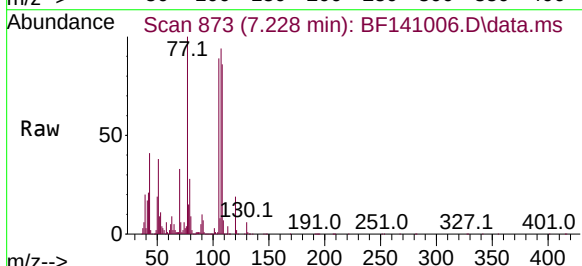
Ion Ratio Lower Upper

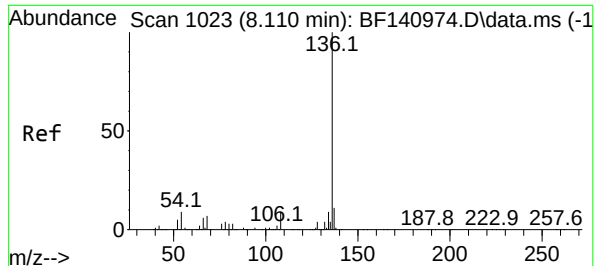
107 100

108 91.1 69.6 109.6

77 106.1 57.6 97.6#

79 29.3 8.8 48.8





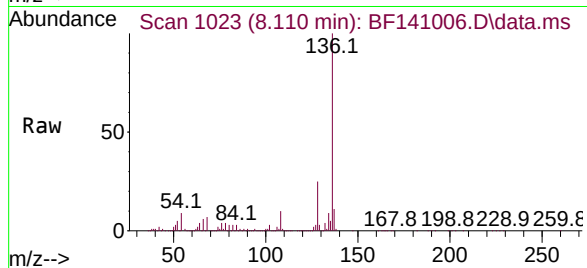
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

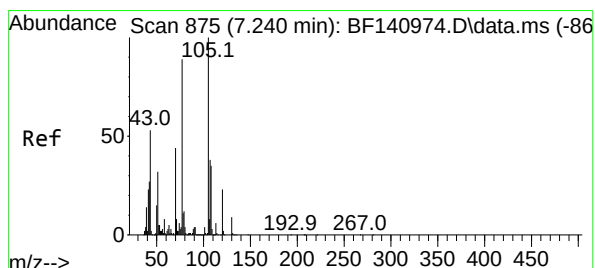
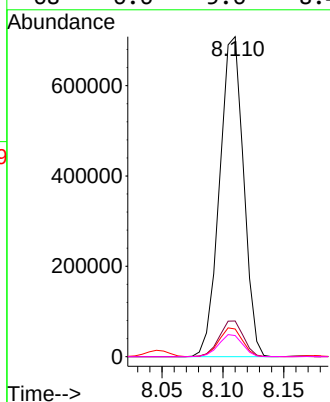
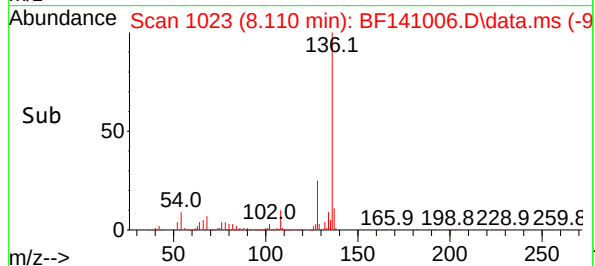


Tgt Ion:136 Resp: 970690
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 8.7 7.6 11.4
68 6.6 5.6 8.4

Manual Integrations

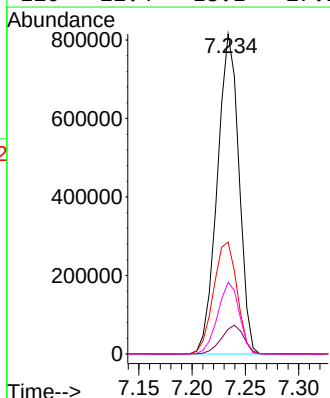
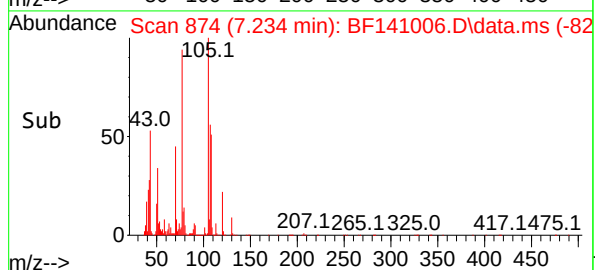
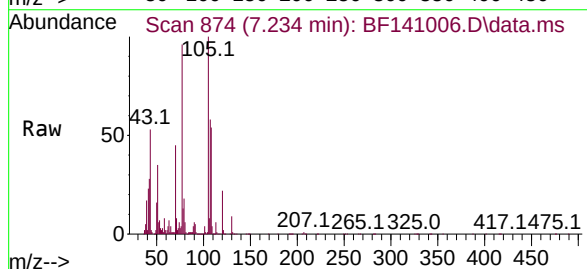
APPROVED

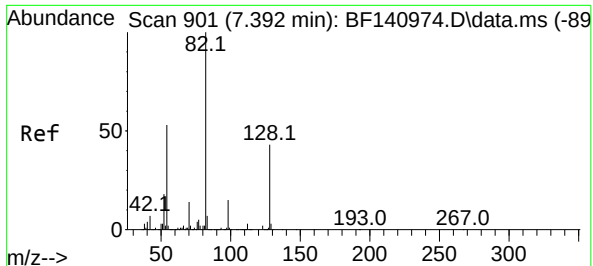
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#22
Acetophenone
Concen: 48.298 ng
RT: 7.234 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Tgt Ion:105 Resp: 1150104
Ion Ratio Lower Upper
105 100
71 7.7 6.1 9.1
51 34.9 25.8 38.6
120 22.4 18.1 27.1





#23

Nitrobenzene-d5

Concen: 84.064 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

Tgt Ion: 82 Resp: 127544

Ion Ratio Lower Upper

82 100

128 43.7 34.4 51.6

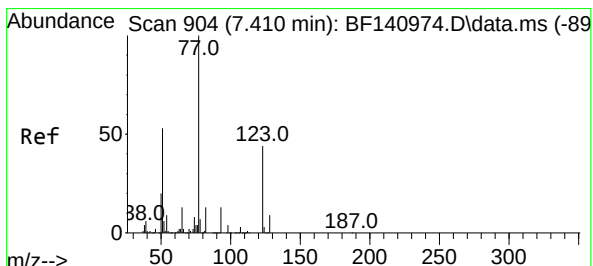
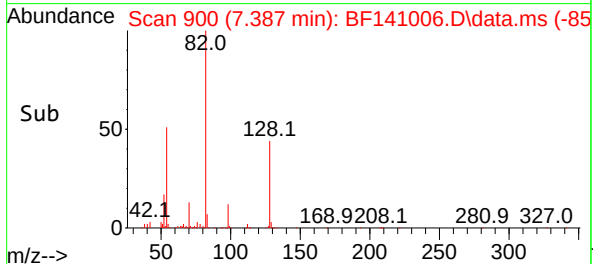
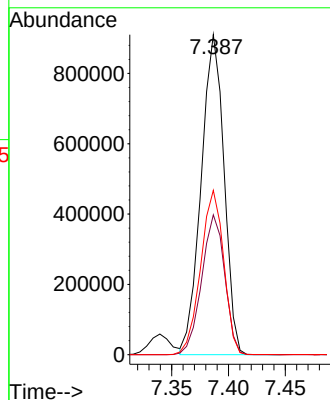
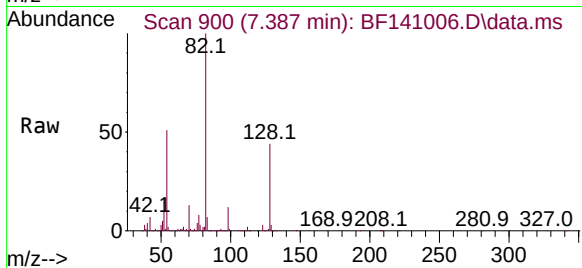
54 51.4 42.4 63.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#24

Nitrobenzene

Concen: 54.882 ng

RT: 7.404 min Scan# 903

Delta R.T. -0.006 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

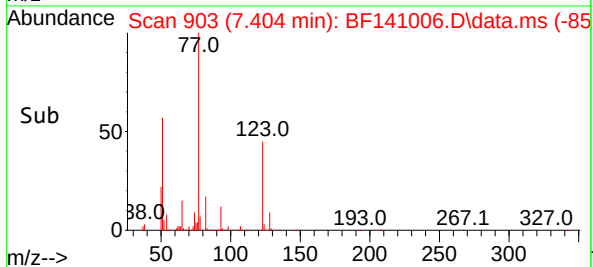
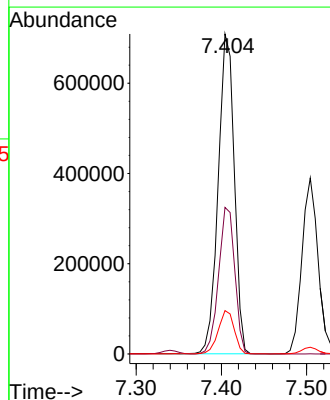
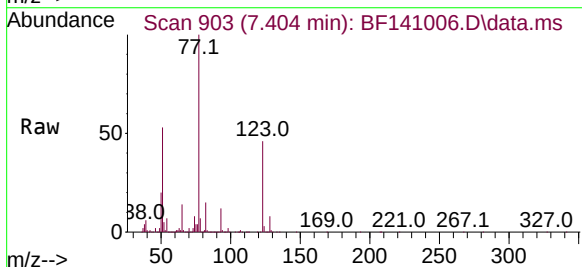
Tgt Ion: 77 Resp: 930435

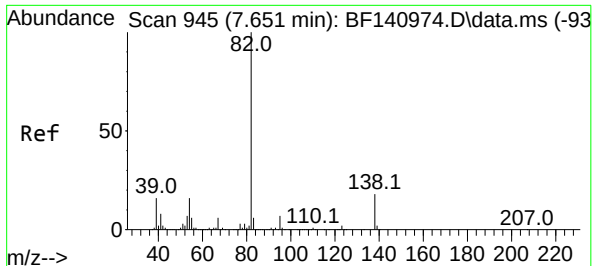
Ion Ratio Lower Upper

77 100

123 45.8 35.4 53.2

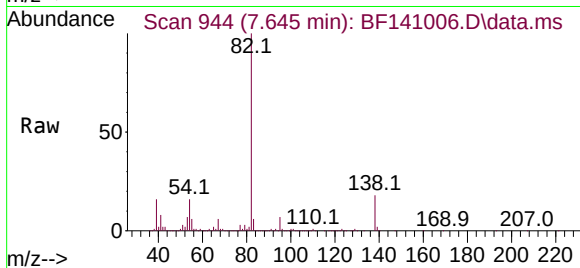
65 13.5 10.7 16.1





#25
Isophorone
Concen: 50.429 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

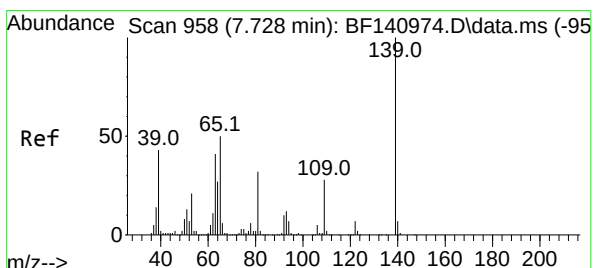
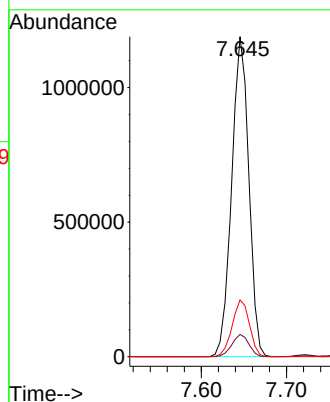
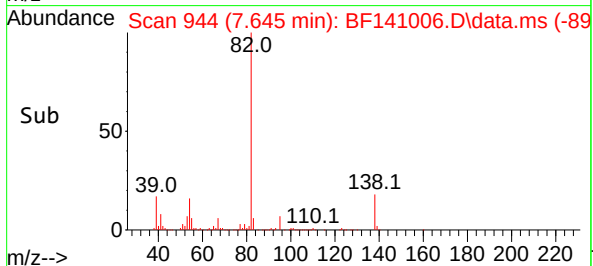
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD



Tgt Ion: 82 Resp: 166494
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 17.8 14.6 21.8

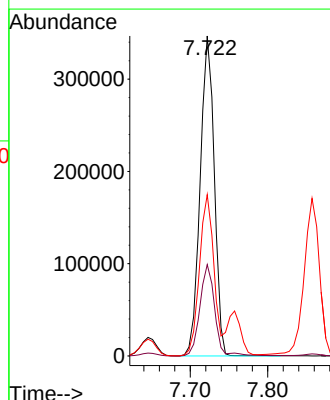
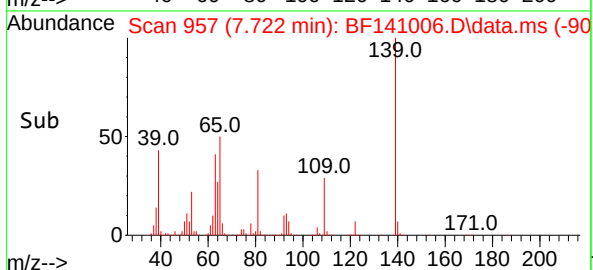
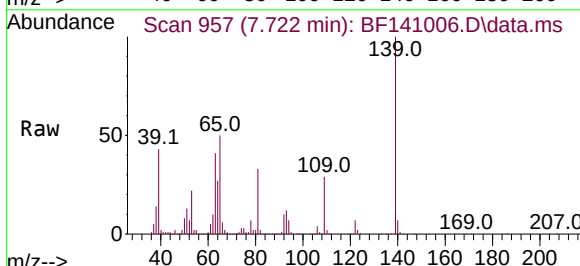
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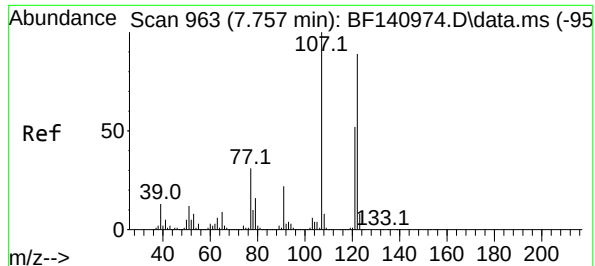
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#26
2-Nitrophenol
Concen: 61.631 ng
RT: 7.722 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Tgt Ion:139 Resp: 439951
Ion Ratio Lower Upper
139 100
109 28.6 22.2 33.4
65 50.4 40.2 60.4





#27

2,4-Dimethylphenol

Concen: 60.790 ng

RT: 7.757 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF141006.D

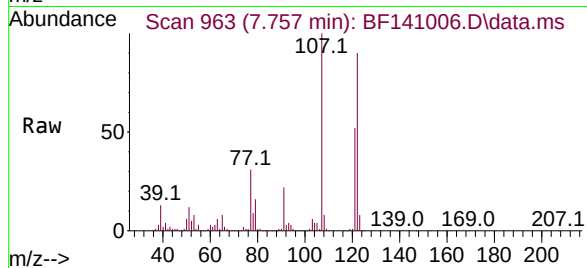
Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD



Tgt Ion:122 Resp: 73350

Ion Ratio Lower Upper

122 100

107 111.3 89.4 134.2

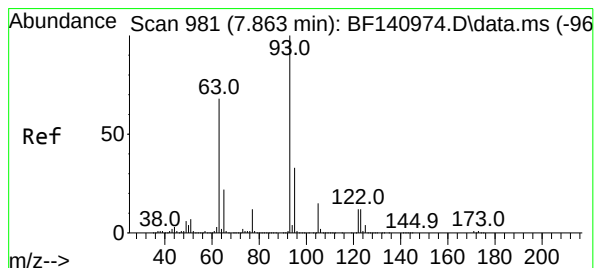
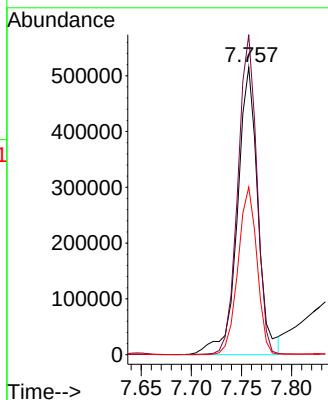
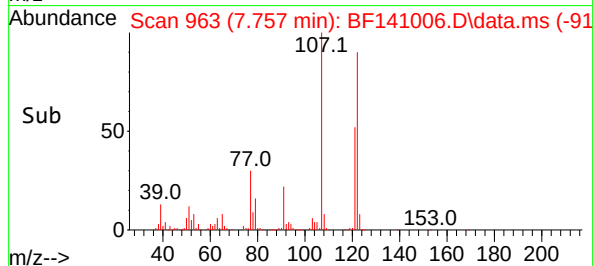
121 58.3 46.7 70.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#28

bis(2-Chloroethoxy)methane

Concen: 48.449 ng

RT: 7.857 min Scan# 980

Delta R.T. -0.006 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

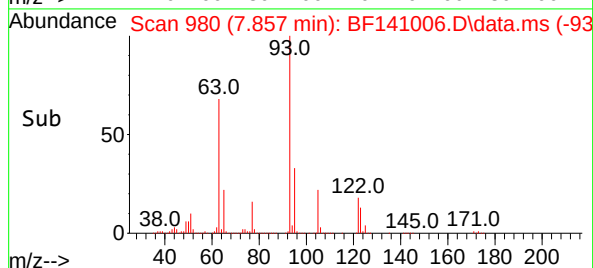
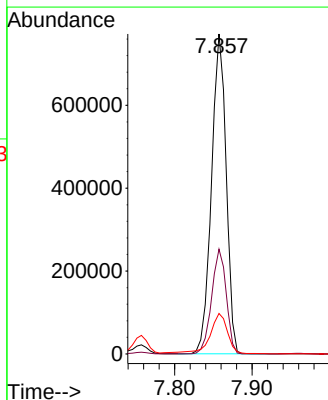
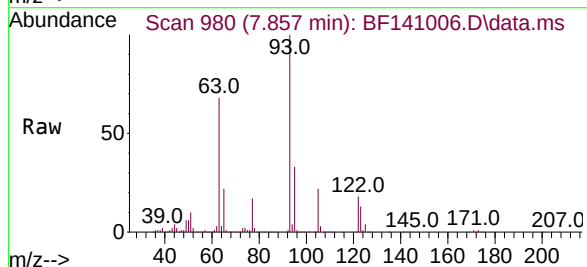
Tgt Ion: 93 Resp: 1013476

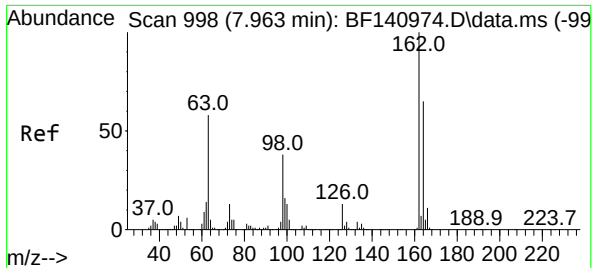
Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.4

123 12.7 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 51.292 ng

RT: 7.957 min Scan# 998

Delta R.T. -0.006 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

Tgt Ion:162 Resp: 70192

Ion Ratio Lower Upper

162 100

164 64.2 44.8 84.8

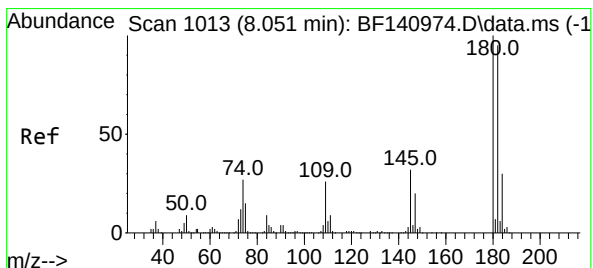
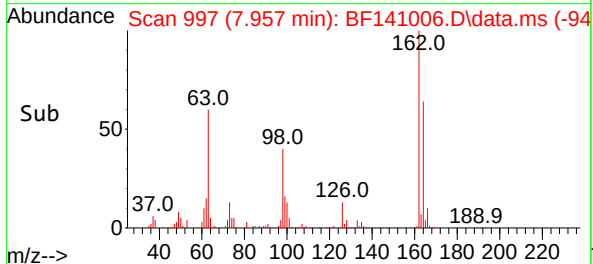
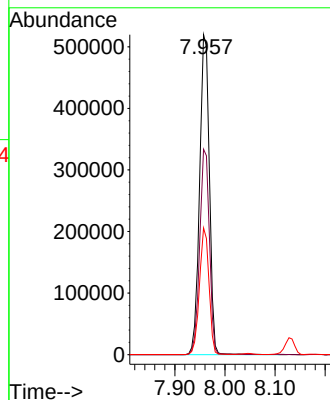
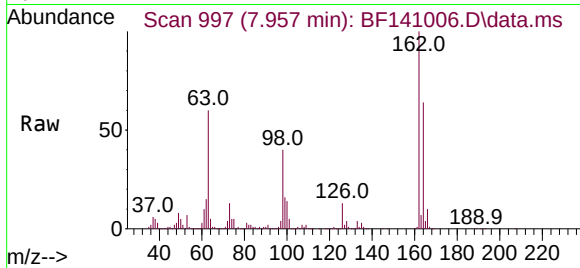
98 39.6 18.6 58.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#30

1,2,4-Trichlorobenzene

Concen: 46.840 ng

RT: 8.045 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

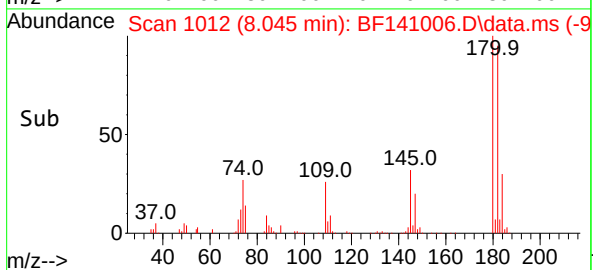
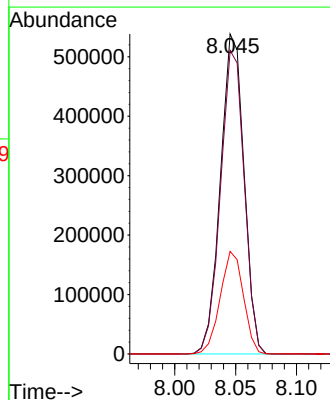
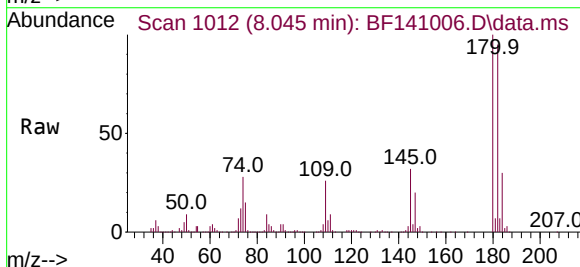
Tgt Ion:180 Resp: 725510

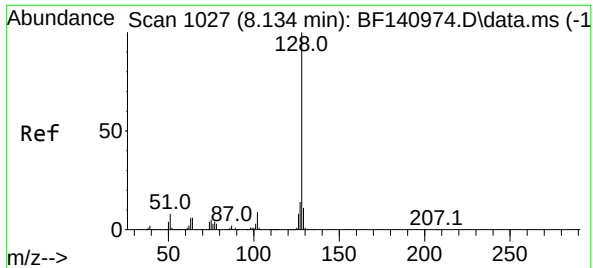
Ion Ratio Lower Upper

180 100

182 94.9 76.2 114.4

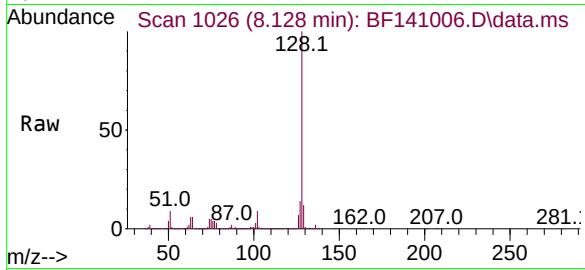
145 32.1 25.4 38.2





#31
Naphthalene
Concen: 48.027 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

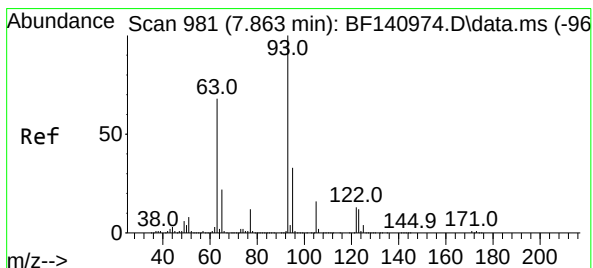
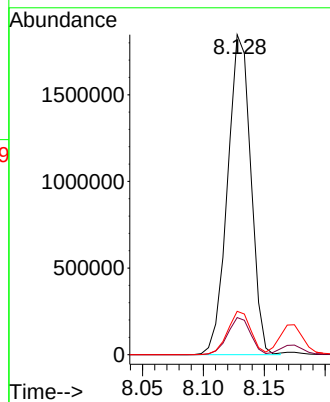
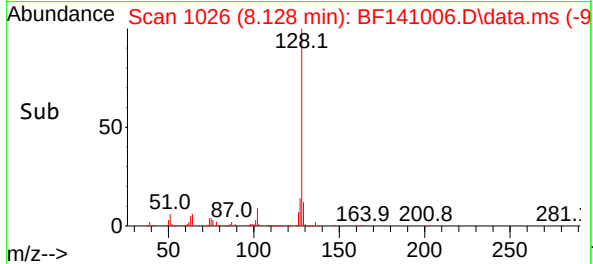
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD



Tgt Ion:128 Resp: 2456550
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.6 11.0 16.4

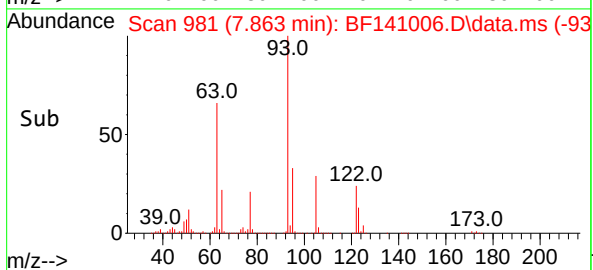
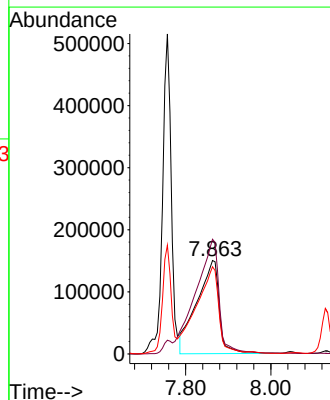
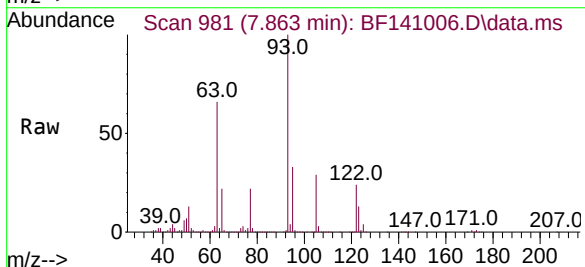
Manual Integrations
APPROVED

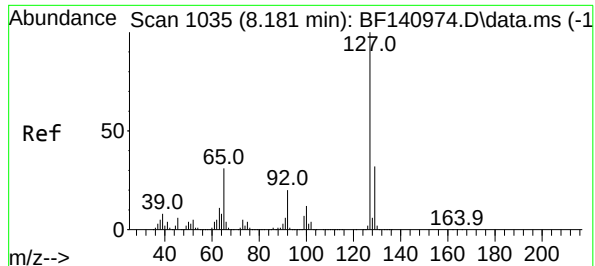
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#32
Benzoic acid
Concen: 54.393 ng
RT: 7.863 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Tgt Ion:122 Resp: 552233
Ion Ratio Lower Upper
122 100
105 122.7 105.4 145.4
77 93.2 76.4 116.4





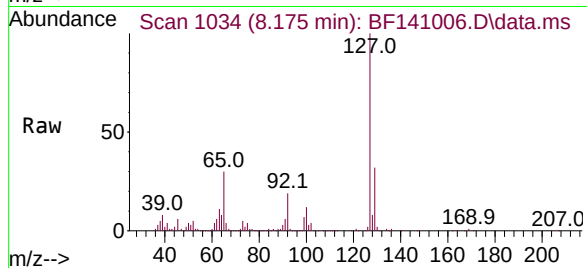
#33
4-Chloroaniline
Concen: 13.275 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

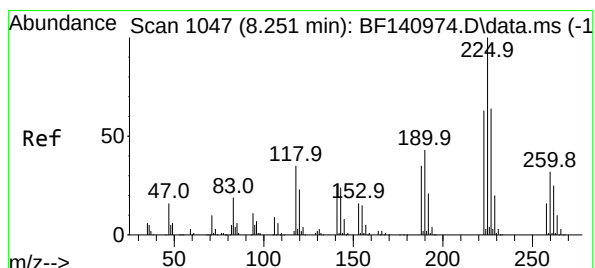
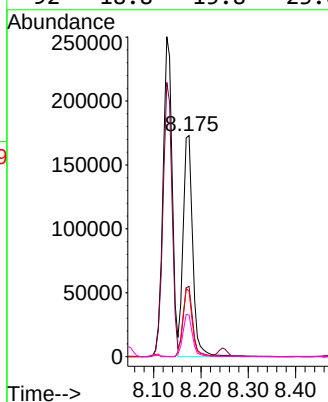
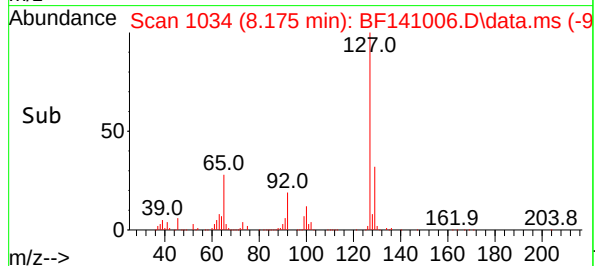


Tgt Ion:127 Resp: 24565
Ion Ratio Lower Upper
127 100
129 31.8 26.1 39.1
65 29.6 24.6 37.0
92 18.8 15.8 23.6

Manual Integrations

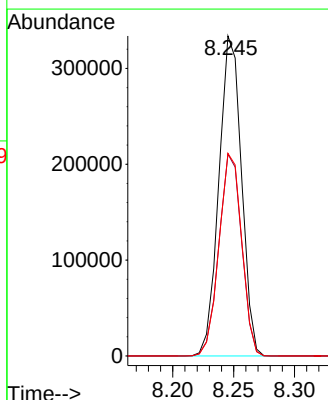
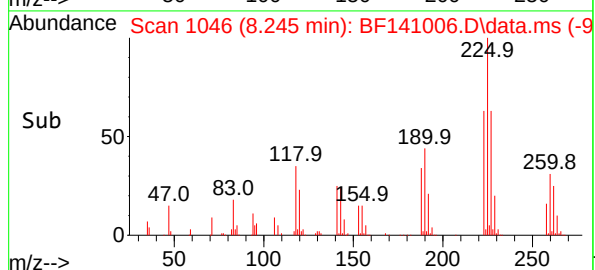
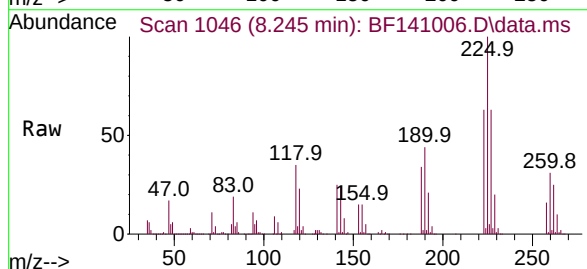
APPROVED

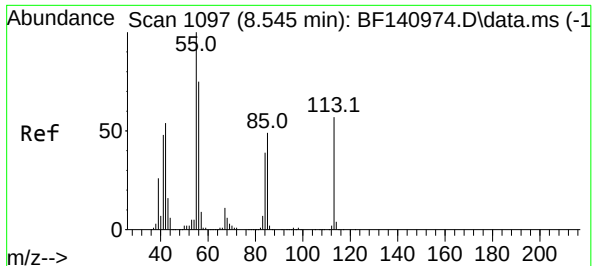
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#34
Hexachlorobutadiene
Concen: 47.113 ng
RT: 8.245 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Tgt Ion:225 Resp: 430200
Ion Ratio Lower Upper
225 100
223 63.1 50.3 75.5
227 63.3 50.8 76.2





#35

Caprolactam

Concen: 48.027 ng m

RT: 8.539 min Scan# 1096

Delta R.T. -0.006 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

Tgt Ion:113 Resp: 22343

Ion Ratio Lower Upper

113 100

55 181.2 156.6 196.6

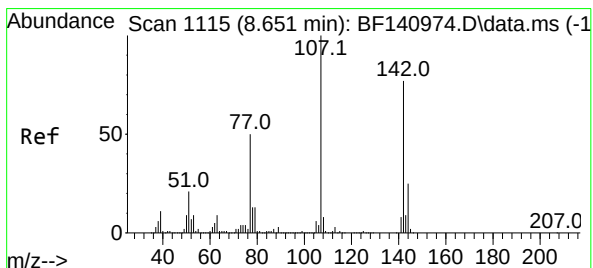
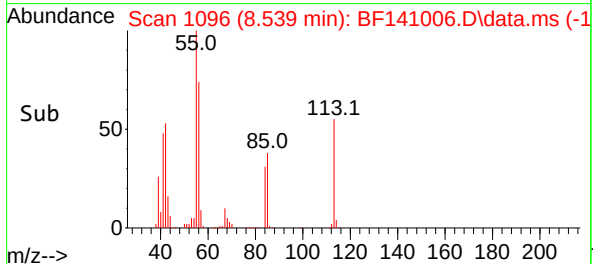
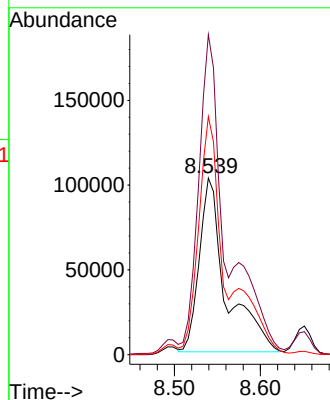
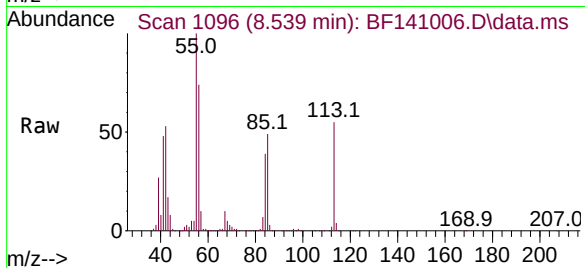
56 134.8 111.7 151.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#36

4-Chloro-3-methylphenol

Concen: 50.458 ng

RT: 8.651 min Scan# 1115

Delta R.T. 0.000 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

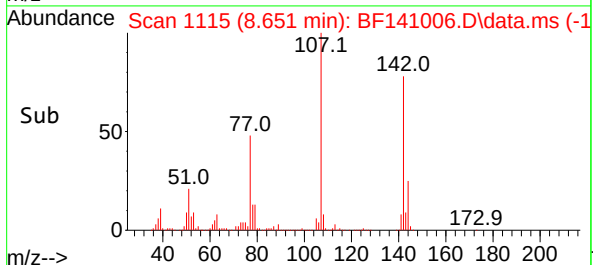
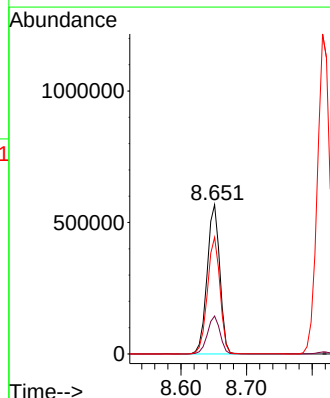
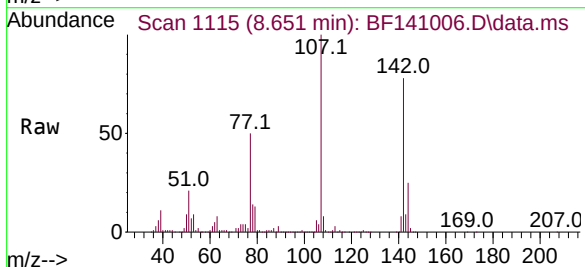
Tgt Ion:107 Resp: 766848

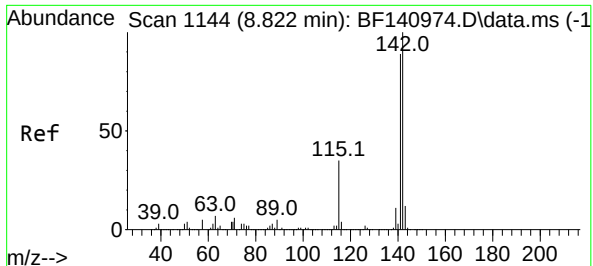
Ion Ratio Lower Upper

107 100

144 25.4 19.9 29.9

142 78.1 61.8 92.8





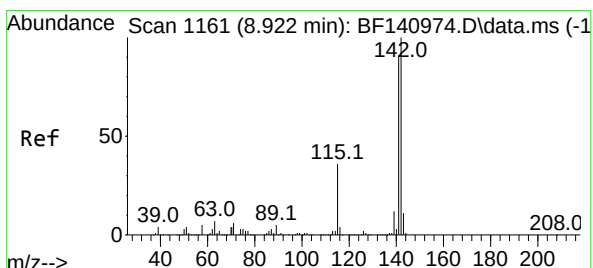
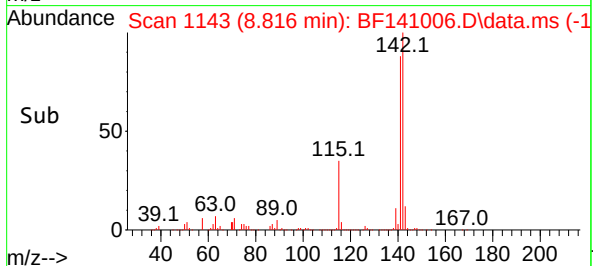
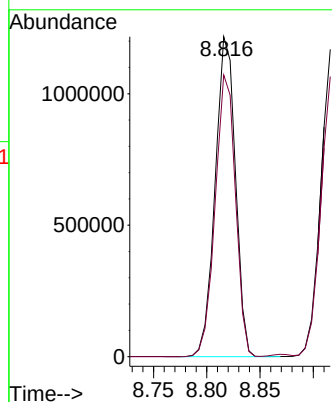
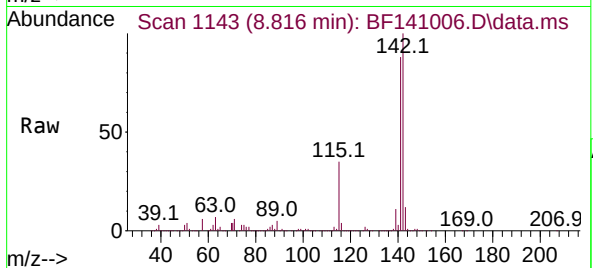
#37
2-Methylnaphthalene
Concen: 49.015 ng
RT: 8.816 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

Tgt Ion:142 Resp: 1603890
Ion Ratio Lower Upper
142 100
141 88.1 71.1 106.7

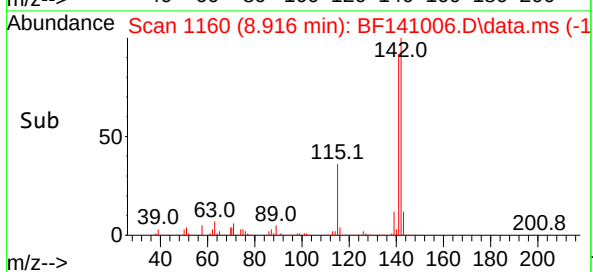
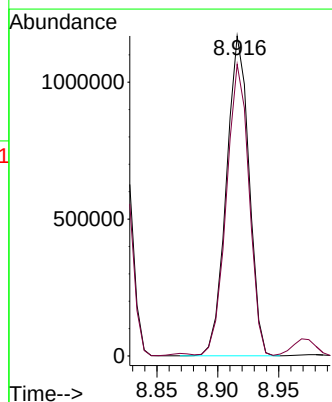
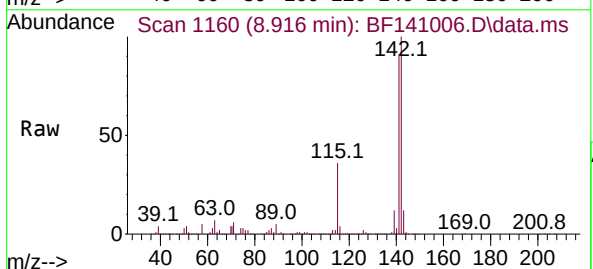
Manual Integrations
APPROVED

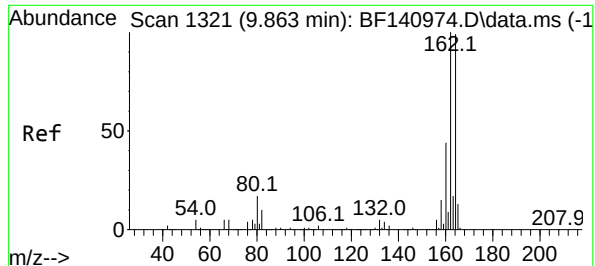
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#38
1-Methylnaphthalene
Concen: 46.973 ng
RT: 8.916 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Tgt Ion:142 Resp: 1510604
Ion Ratio Lower Upper
142 100
141 91.2 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF141006.D

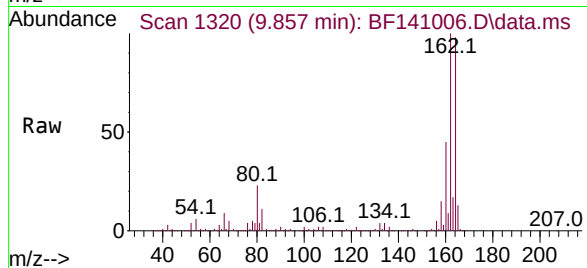
Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD



Tgt Ion:164 Resp: 512580

Ion Ratio Lower Upper

164 100

162 101.8 80.6 120.8

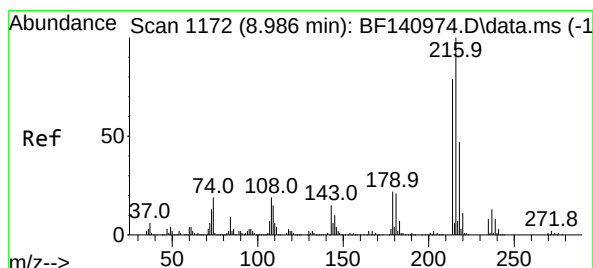
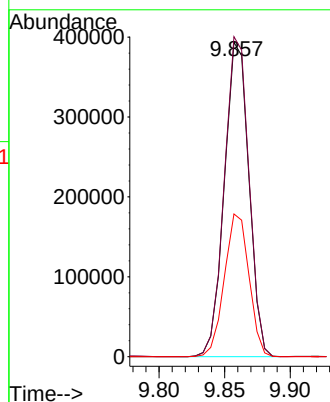
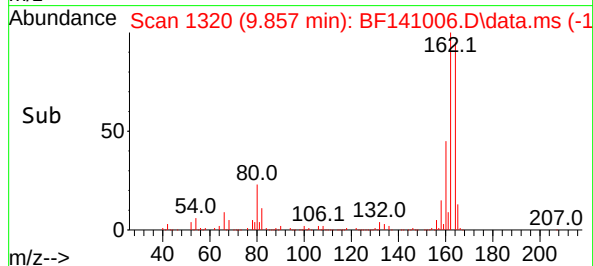
160 45.4 35.7 53.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.155 ng

RT: 8.981 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

Tgt Ion:216 Resp: 707266

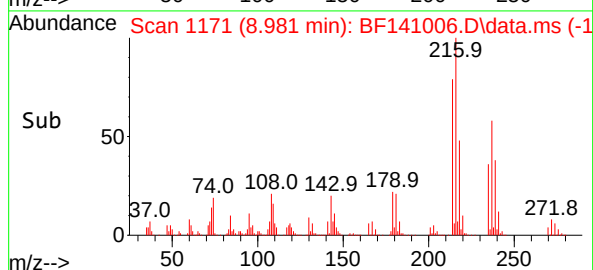
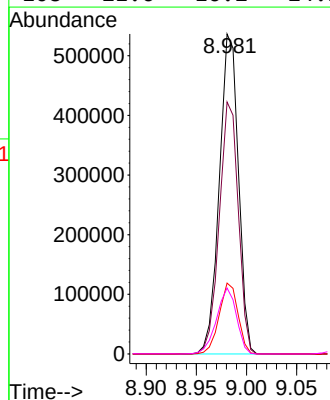
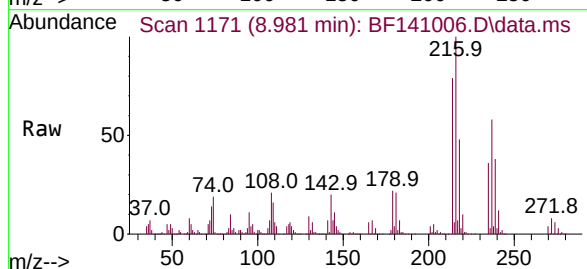
Ion Ratio Lower Upper

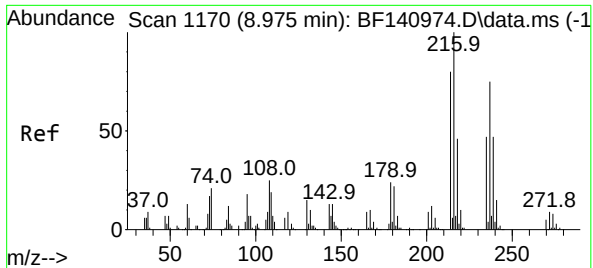
216 100

214 78.4 63.0 94.6

179 21.9 17.9 26.9

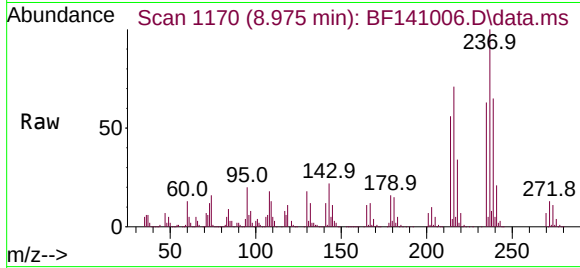
108 21.6 16.2 24.2





#41
Hexachlorocyclopentadiene
Concen: 143.554 ng
RT: 8.975 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

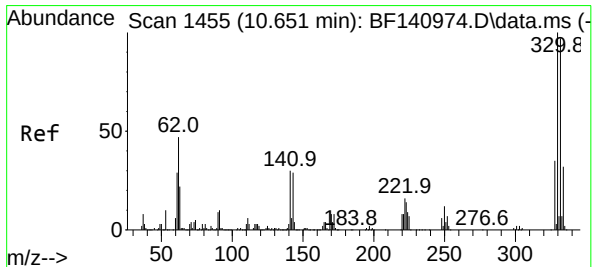
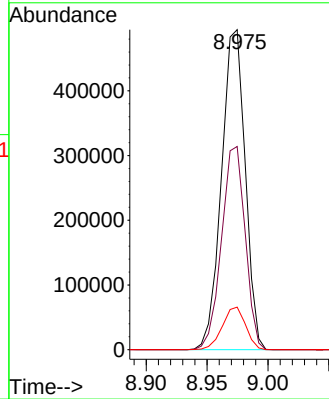
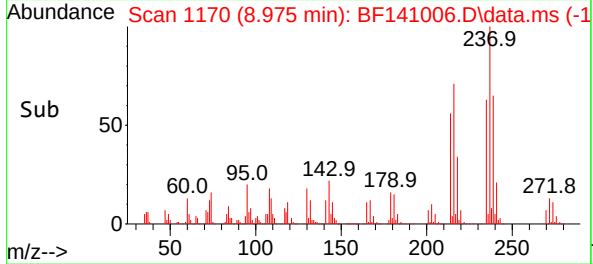
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD



Tgt Ion:237 Resp: 670849
Ion Ratio Lower Upper
237 100
235 63.5 43.4 83.4
272 13.3 0.0 32.6

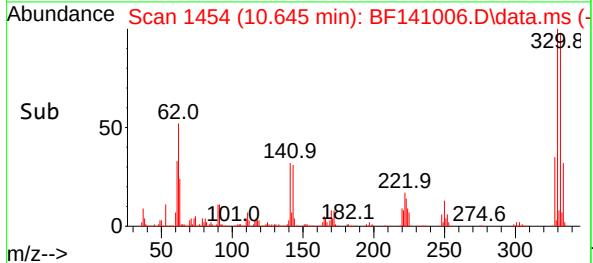
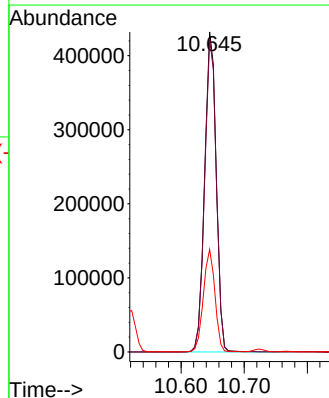
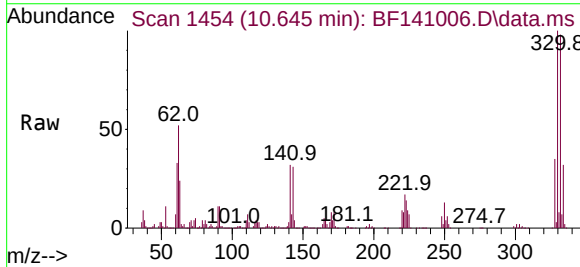
Manual Integrations
APPROVED

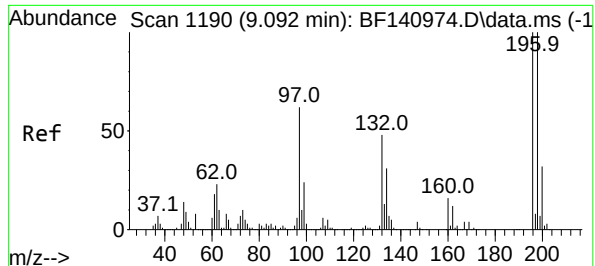
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#42
2,4,6-Tribromophenol
Concen: 110.614 ng
RT: 10.645 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Tgt Ion:330 Resp: 550944
Ion Ratio Lower Upper
330 100
332 98.0 78.0 117.0
141 31.9 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 53.488 ng

RT: 9.092 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF141006.D

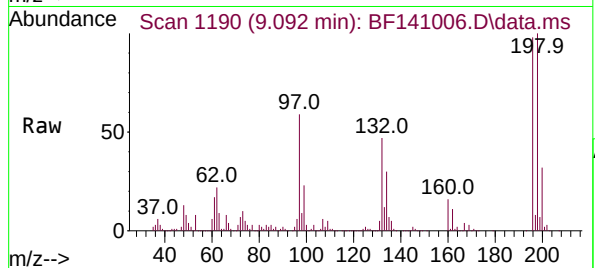
Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD



Tgt Ion:196 Resp: 502010

Ion Ratio Lower Upper

196 100

198 101.5 80.2 120.4

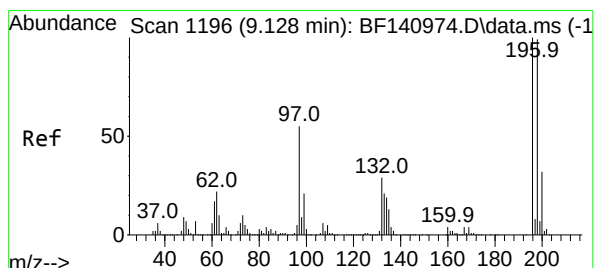
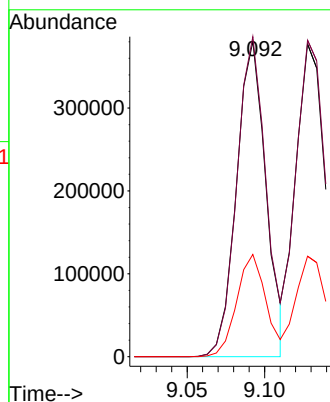
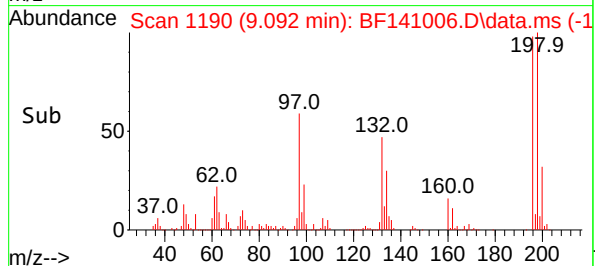
200 32.4 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#44

2,4,5-Trichlorophenol

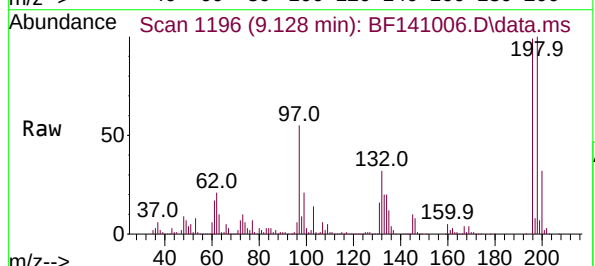
Concen: 51.790 ng

RT: 9.128 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32



Tgt Ion:196 Resp: 497344

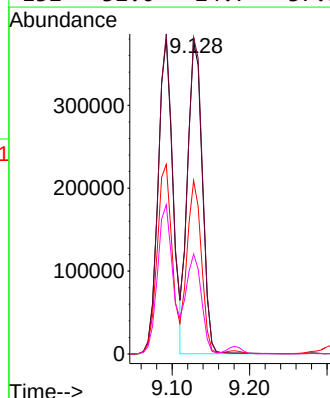
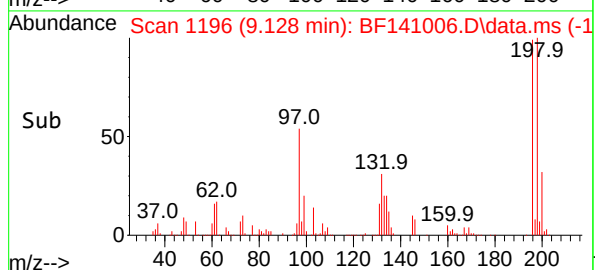
Ion Ratio Lower Upper

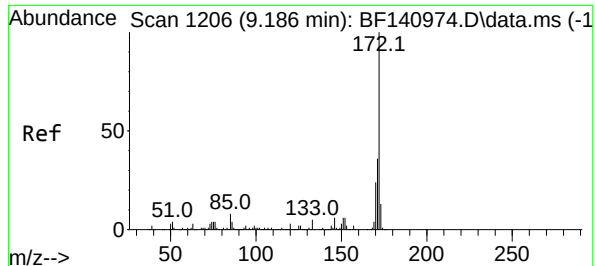
196 100

198 101.3 79.9 119.9

97 55.4 44.3 66.5

132 32.0 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 70.612 ng

RT: 9.181 min Scan# 1206

Delta R.T. -0.006 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

Tgt Ion:172 Resp: 227175

Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.4

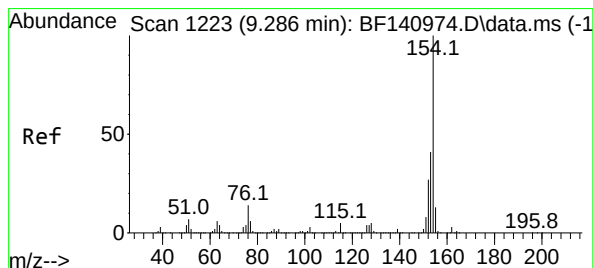
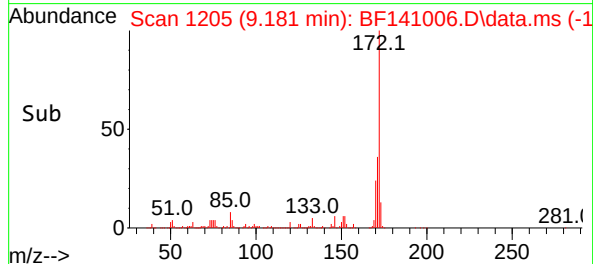
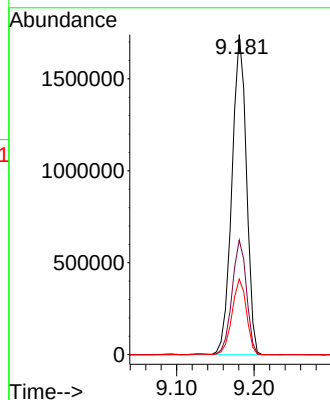
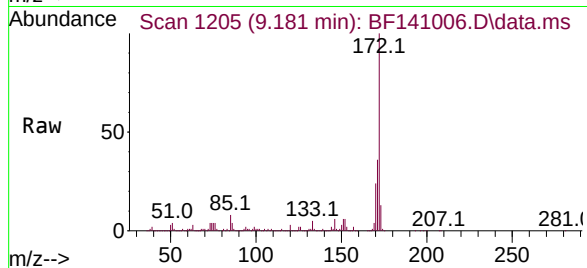
170 23.7 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#46

1,1'-Biphenyl

Concen: 49.742 ng

RT: 9.281 min Scan# 1222

Delta R.T. -0.005 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

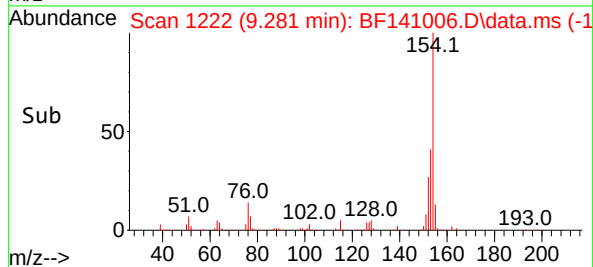
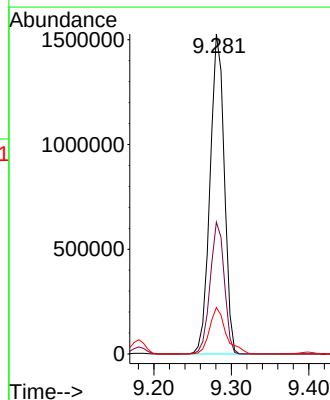
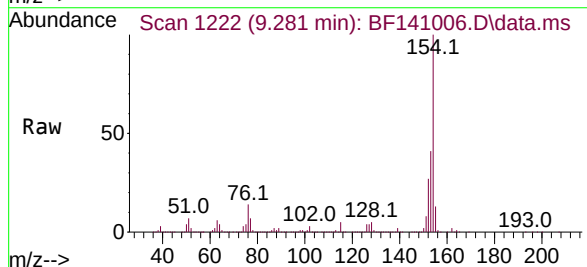
Tgt Ion:154 Resp: 1952272

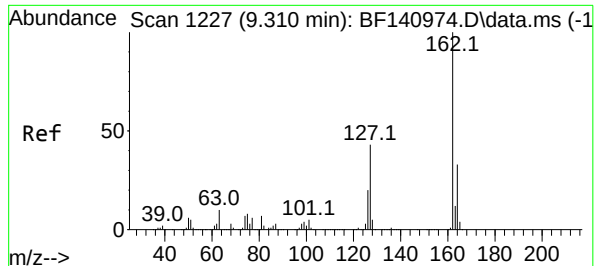
Ion Ratio Lower Upper

154 100

153 41.2 20.9 60.9

76 14.5 0.0 34.0





#47

2-Chloronaphthalene

Concen: 48.471 ng

RT: 9.304 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

Tgt Ion:162 Resp: 147542

Ion Ratio Lower Upper

162 100

127 42.8 34.2 51.4

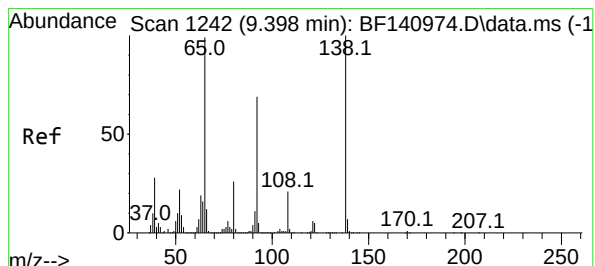
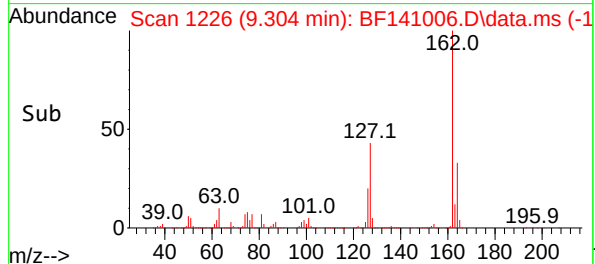
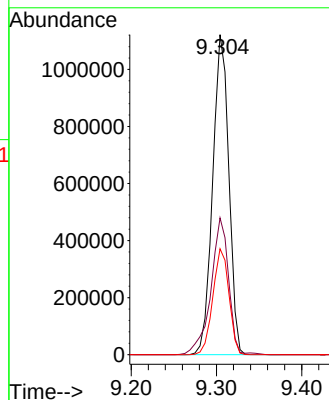
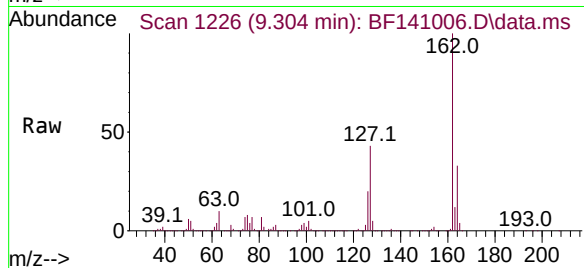
164 33.1 26.6 40.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#48

2-Nitroaniline

Concen: 58.374 ng

RT: 9.398 min Scan# 1242

Delta R.T. 0.000 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

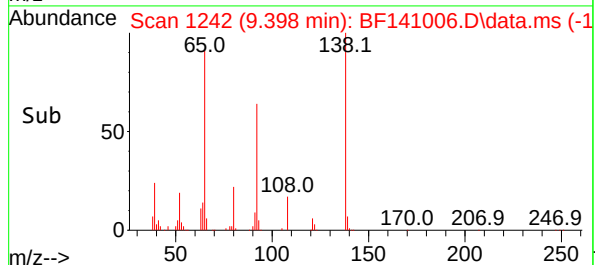
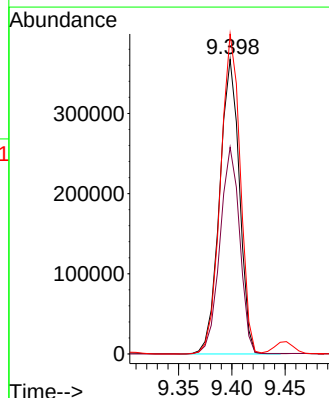
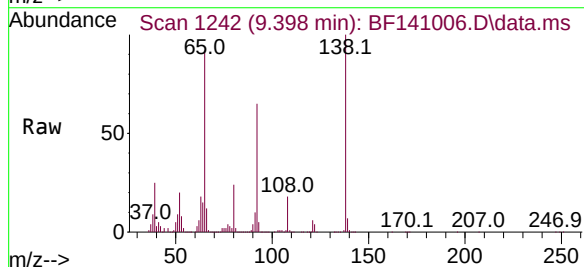
Tgt Ion: 65 Resp: 473694

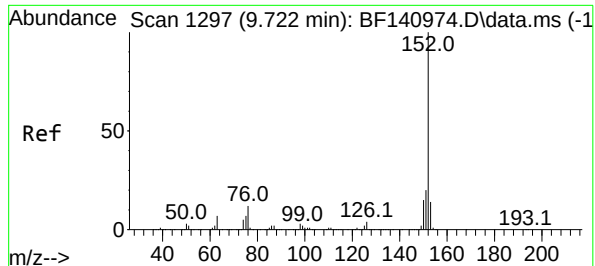
Ion Ratio Lower Upper

65 100

92 70.1 55.6 83.4

138 108.6 80.5 120.7





#49

Acenaphthylene

Concen: 51.627 ng

RT: 9.722 min Scan# 1297

Delta R.T. -0.000 min

Lab File: BF141006.D

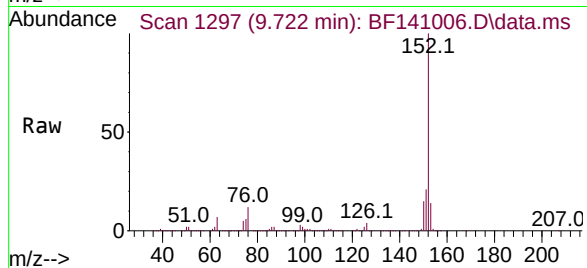
Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD



Tgt Ion:152 Resp: 226227

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

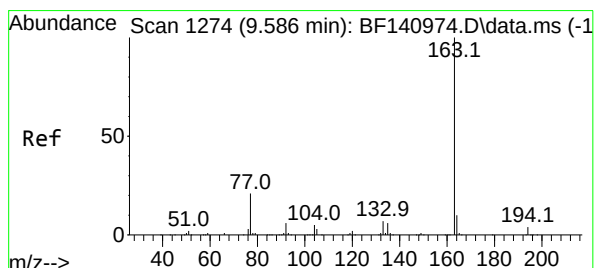
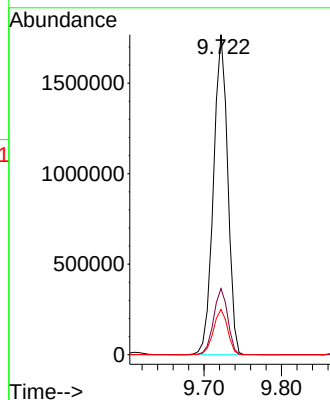
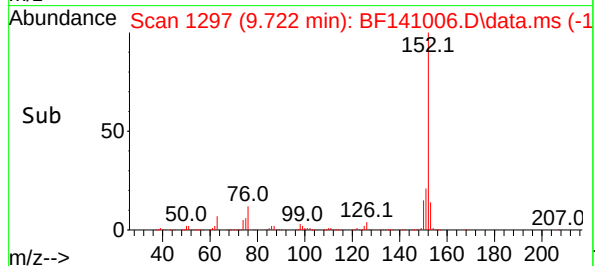
153 14.2 11.4 17.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#50

Dimethylphthalate

Concen: 51.246 ng

RT: 9.586 min Scan# 1274

Delta R.T. 0.000 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

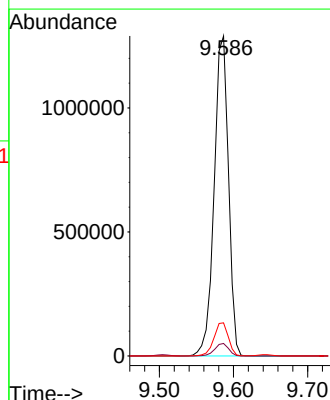
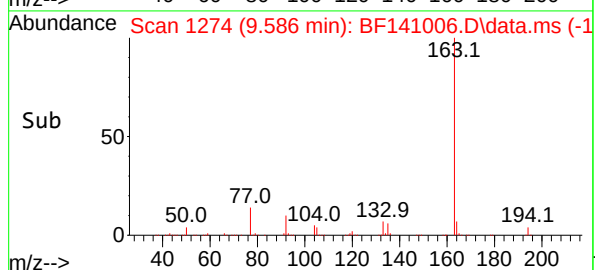
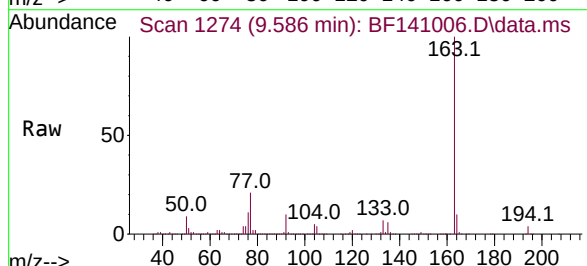
Tgt Ion:163 Resp: 1727808

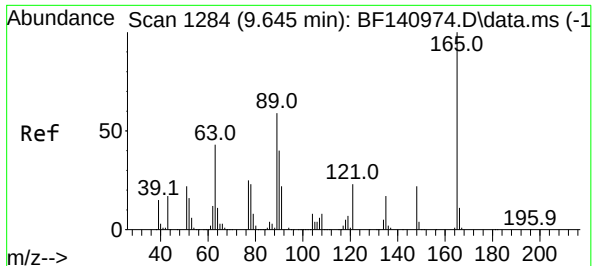
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.4 8.3 12.5





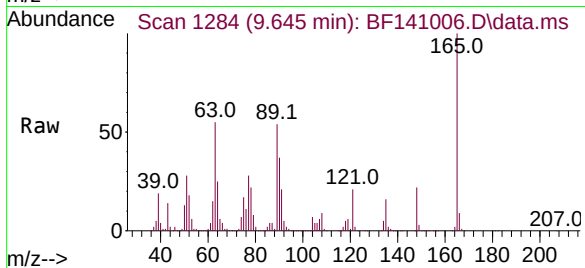
#51
2,6-Dinitrotoluene
Concen: 55.277 ng
RT: 9.645 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

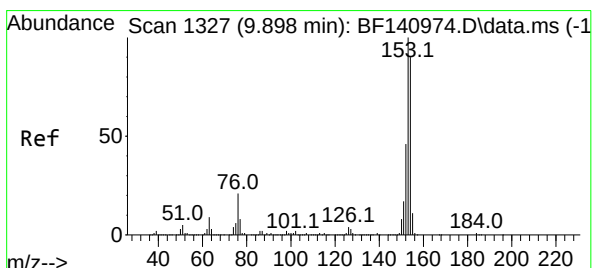
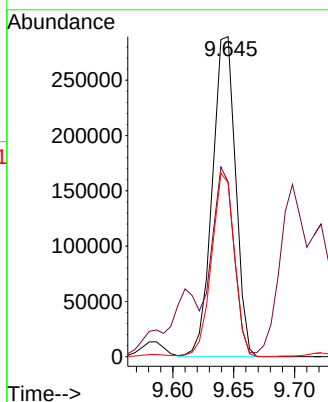
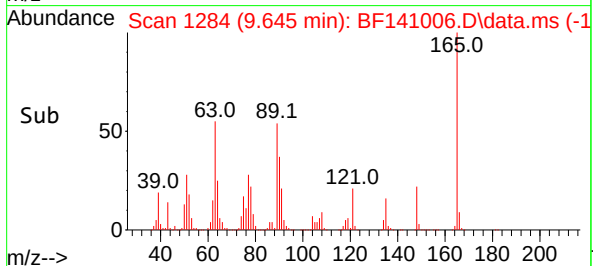


Tgt Ion:165 Resp: 384198
Ion Ratio Lower Upper
165 100
63 54.6 47.1 70.7
89 54.3 47.0 70.4

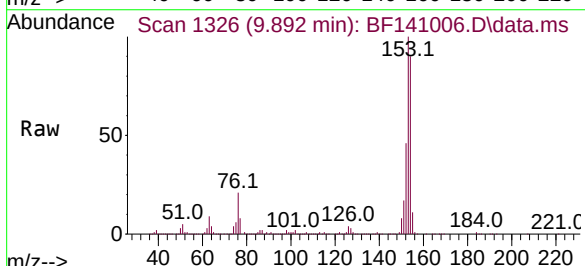
Manual Integrations

APPROVED

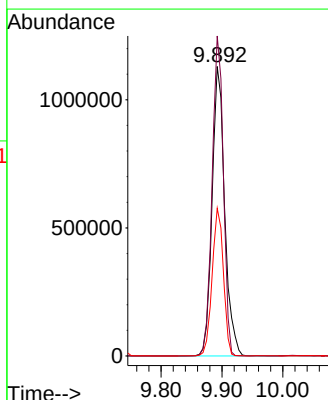
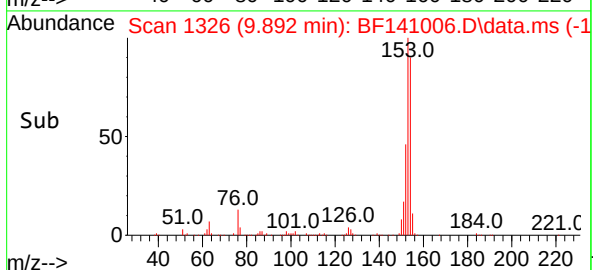
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

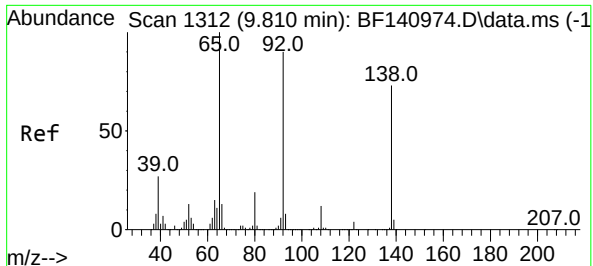


#52
Acenaphthene
Concen: 54.801 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32



Tgt Ion:154 Resp: 1623426
Ion Ratio Lower Upper
154 100
153 110.6 89.2 133.8
152 51.0 40.9 61.3





#53

3-Nitroaniline

Concen: 31.084 ng

RT: 9.804 min Scan# 1311

Delta R.T. -0.006 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

Tgt Ion:138 Resp: 223199

Ion Ratio Lower Upper

138 100

108 11.5 13.5 20.3

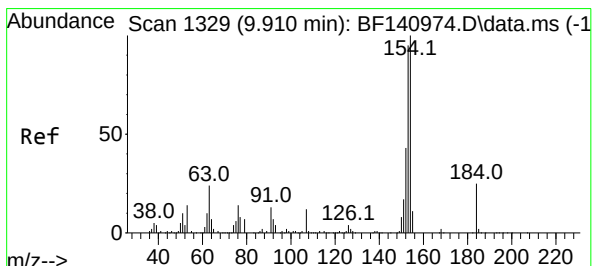
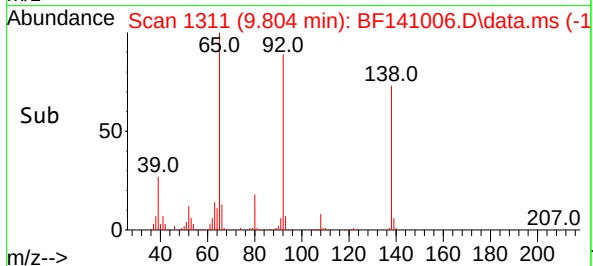
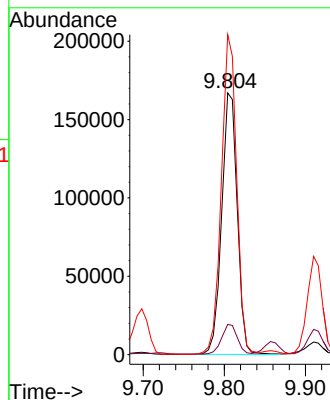
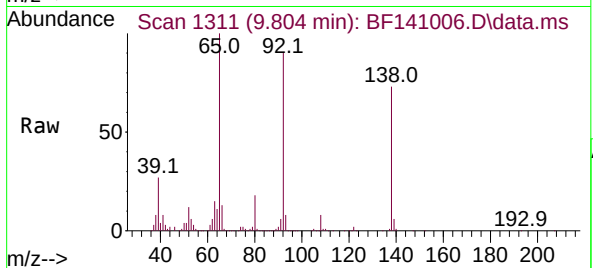
92 122.2 97.7 146.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#54

2,4-Dinitrophenol

Concen: 96.987 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.000 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

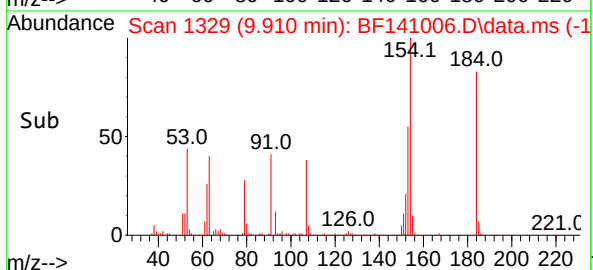
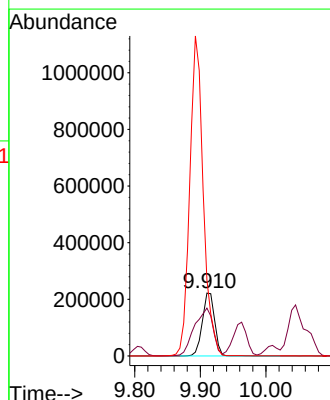
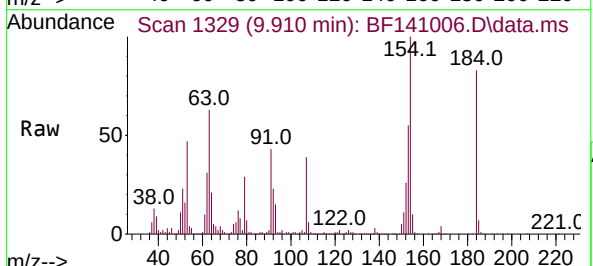
Tgt Ion:184 Resp: 291687

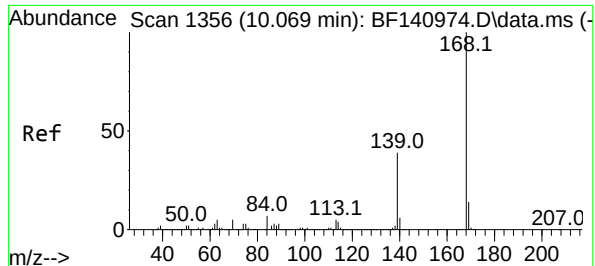
Ion Ratio Lower Upper

184 100

63 76.0 81.6 122.4#

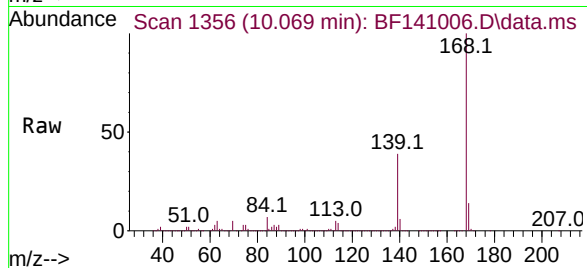
154 120.9 363.5 545.3#





#55
Dibenzenofuran
Concen: 49.853 ng
RT: 10.069 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

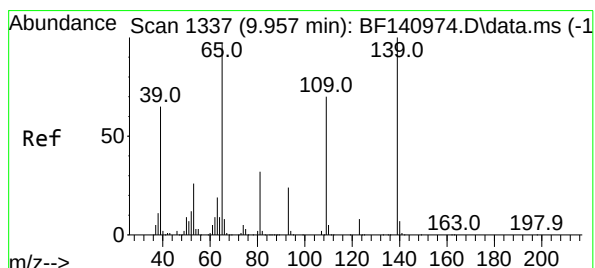
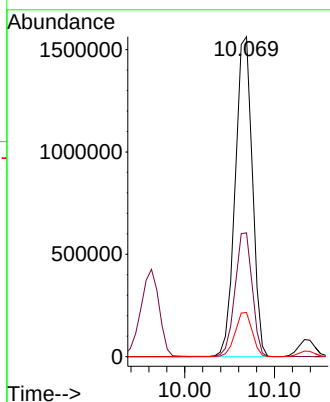
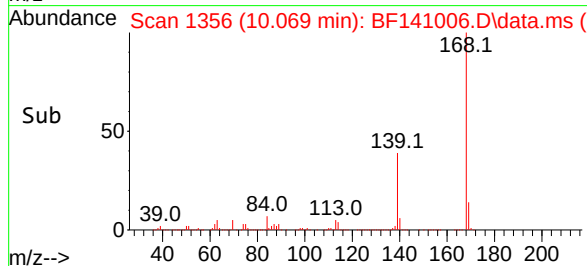
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD



Tgt Ion:168 Resp: 2075470
Ion Ratio Lower Upper
168 100
139 38.7 31.6 47.4
169 13.8 11.0 16.6

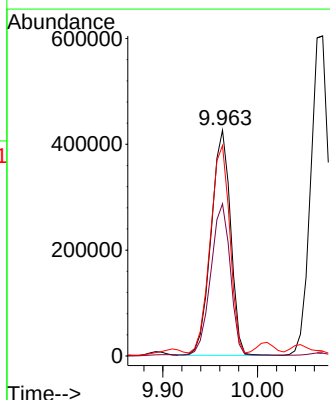
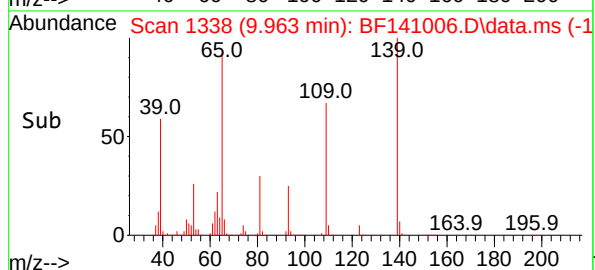
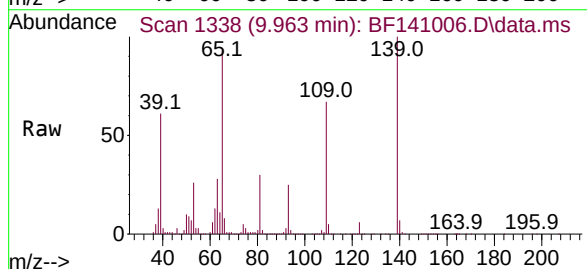
Manual Integrations
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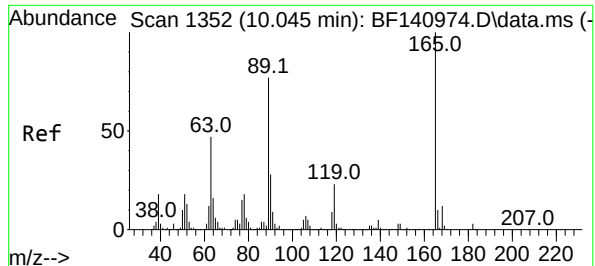
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#56
4-Nitrophenol
Concen: 105.266 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Tgt Ion:139 Resp: 607106
Ion Ratio Lower Upper
139 100
109 67.4 50.8 90.8
65 93.2 78.5 118.5





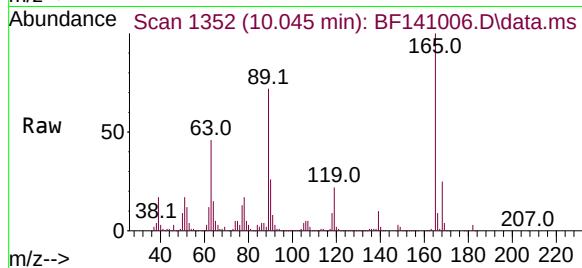
#57
2,4-Dinitrotoluene
Concen: 59.138 ng
RT: 10.045 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

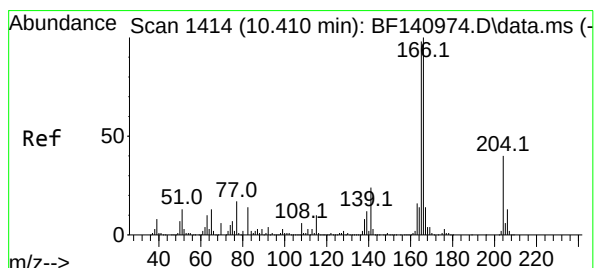
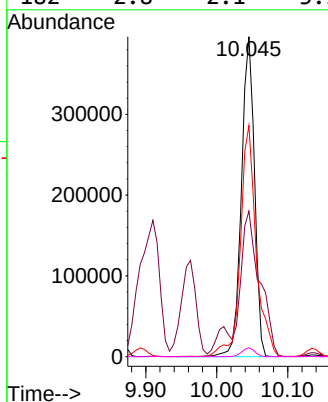
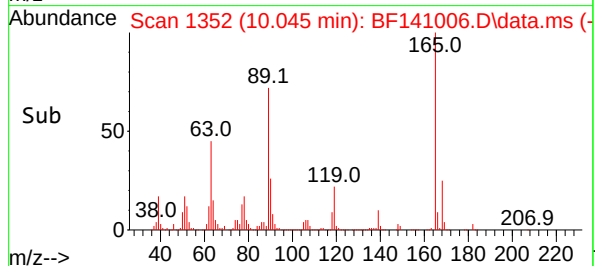


Tgt Ion:165 Resp: 50727
Ion Ratio Lower Upper
165 100
63 45.5 38.1 57.1
89 72.2 61.4 92.2
182 2.8 2.1 3.1

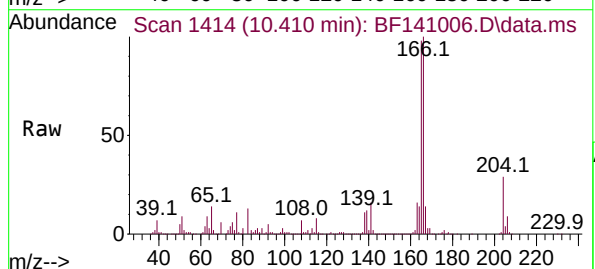
Manual Integrations

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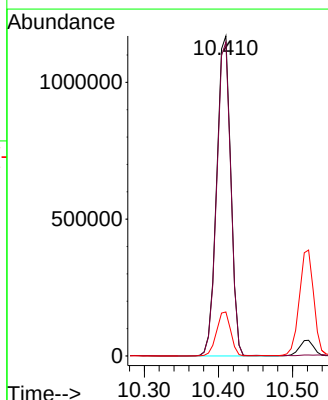
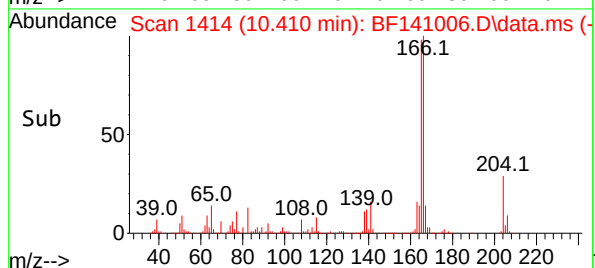
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

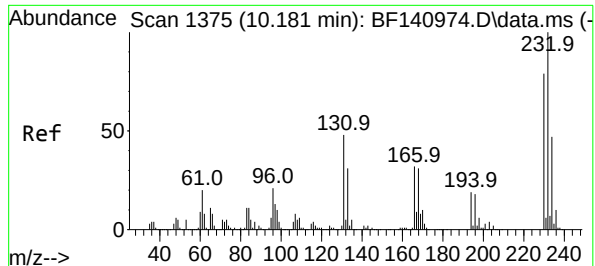


#58
Fluorene
Concen: 47.832 ng
RT: 10.410 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32



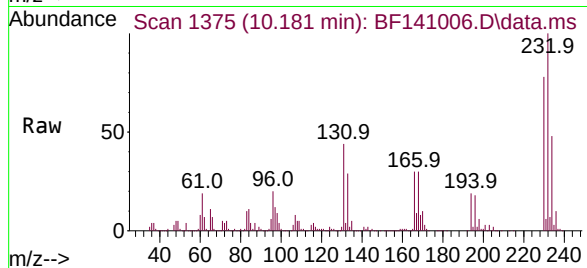
Tgt Ion:166 Resp: 1544187
Ion Ratio Lower Upper
166 100
165 98.1 78.3 117.5
167 13.8 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.630 ng
RT: 10.181 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

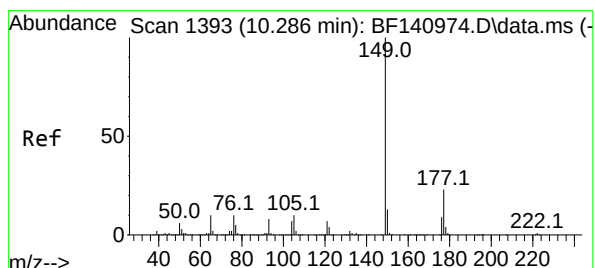
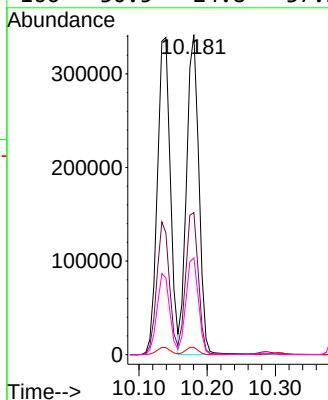
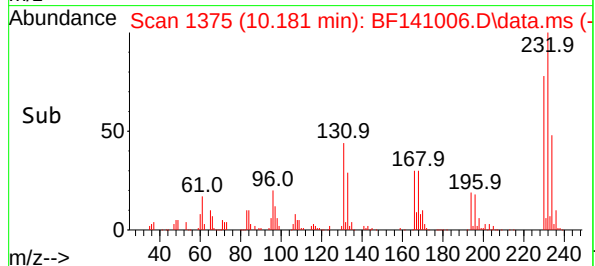
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD



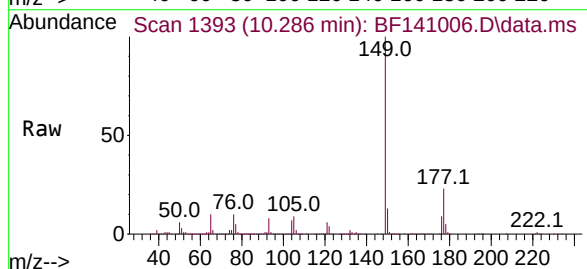
Tgt Ion:232 Resp: 42653
Ion Ratio Lower Upper
232 100
131 45.6 37.4 56.2
130 2.4 1.8 2.8
166 30.5 24.8 37.2

Manual Integrations
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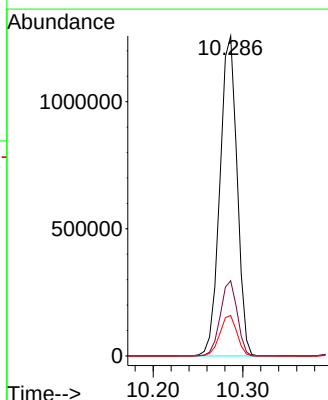
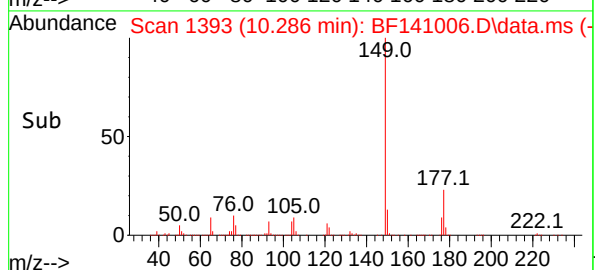
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

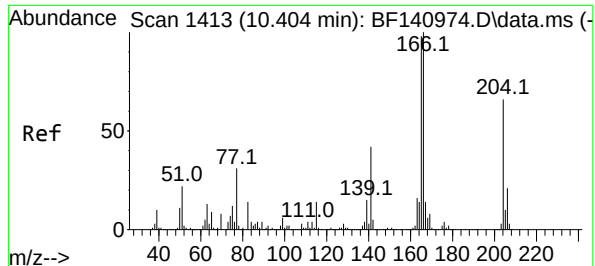


#60
Diethylphthalate
Concen: 50.198 ng
RT: 10.286 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32



Tgt Ion:149 Resp: 1670865
Ion Ratio Lower Upper
149 100
177 23.5 18.3 27.5
150 12.6 10.4 15.6





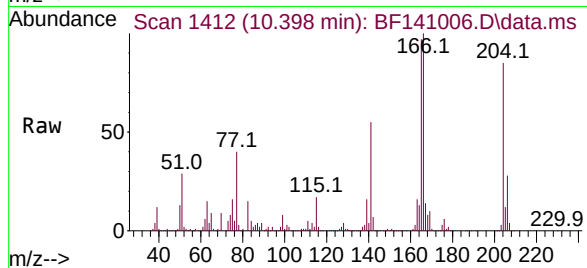
#61
4-Chlorophenyl-phenylether
Concen: 48.363 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

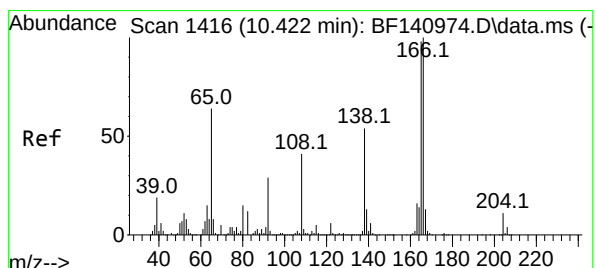
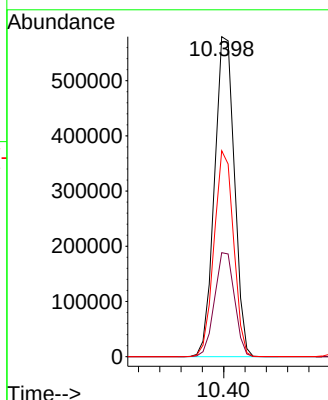
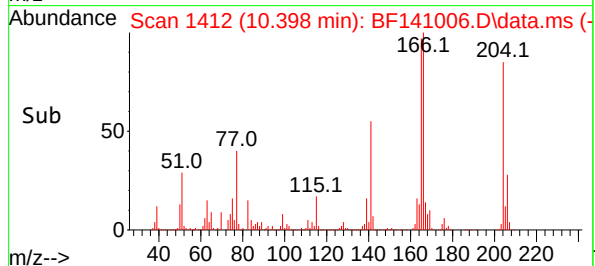


Tgt Ion:204 Resp: 751275
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.6
141 64.3 51.2 76.8

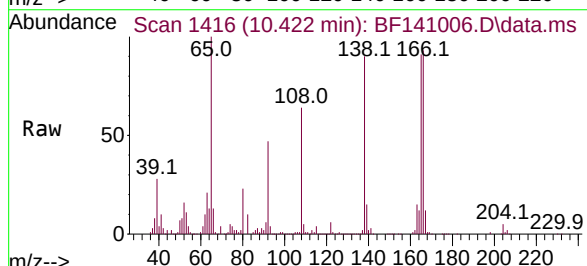
Manual Integrations

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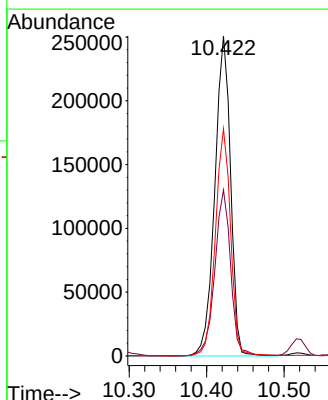
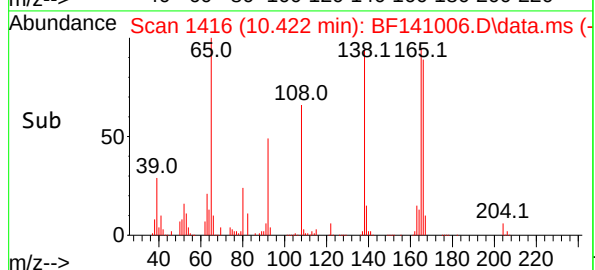
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

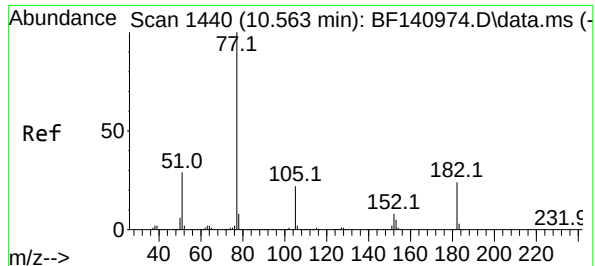


#62
4-Nitroaniline
Concen: 47.464 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32



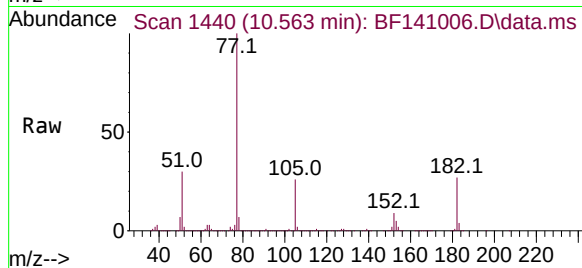
Tgt Ion:138 Resp: 354264
Ion Ratio Lower Upper
138 100
92 51.9 34.8 74.8
108 71.0 55.9 95.9





#63
Azobenzene
Concen: 53.250 ng
RT: 10.563 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

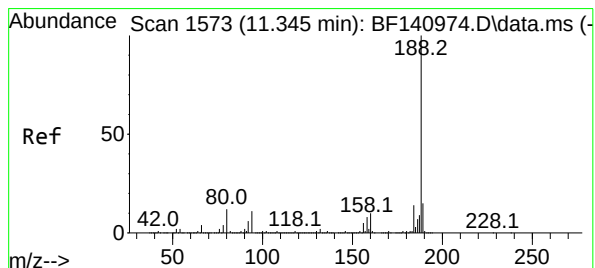
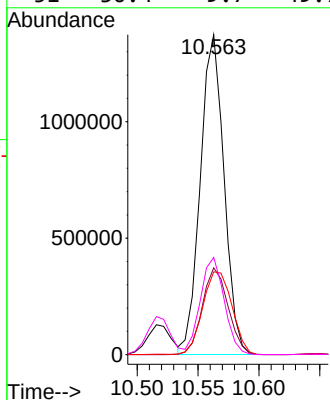
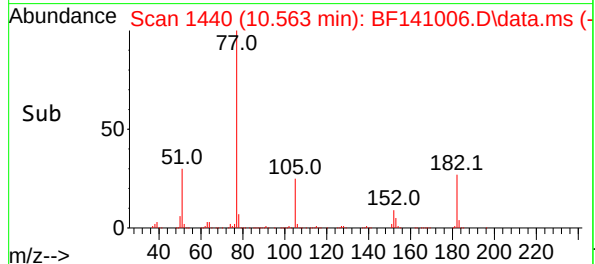
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD



Tgt Ion: 77 Resp: 186040
Ion Ratio Lower Upper
77 100
182 27.1 4.1 44.1
105 25.9 1.8 41.8
51 30.4 9.7 49.7

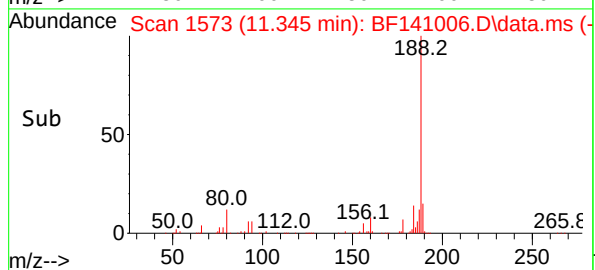
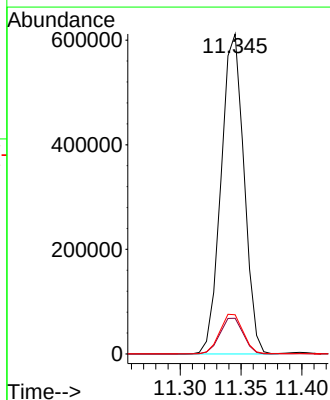
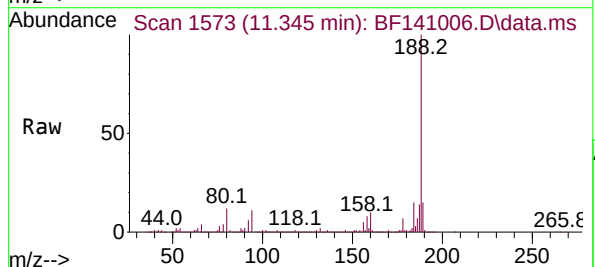
Manual Integrations
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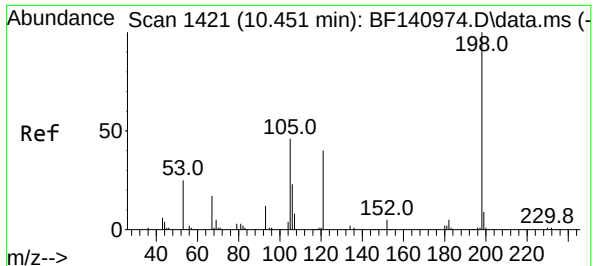
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

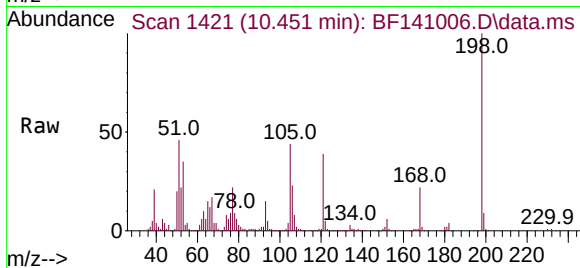
Tgt Ion:188 Resp: 801566
Ion Ratio Lower Upper
188 100
94 11.1 9.0 13.6
80 12.3 9.8 14.6





#65
4,6-Dinitro-2-methylphenol
Concen: 63.288 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

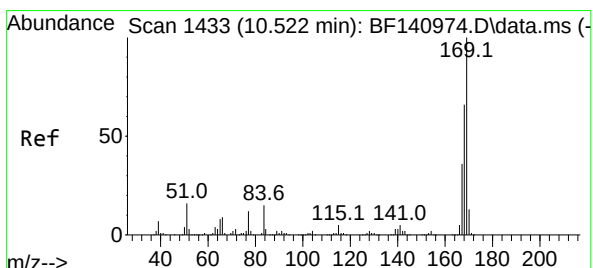
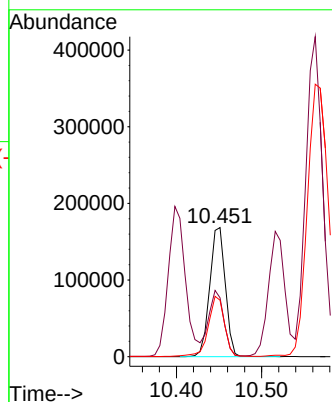
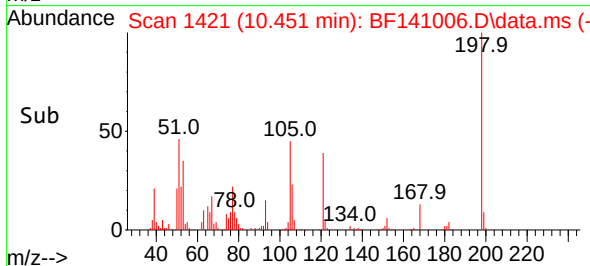
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD



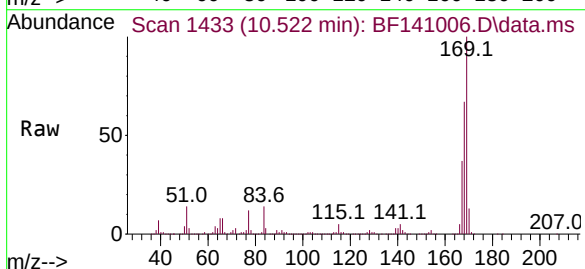
Tgt Ion:198 Resp: 214074
Ion Ratio Lower Upper
198 100
51 45.6 32.3 72.3
105 43.8 28.4 68.4

Manual Integrations
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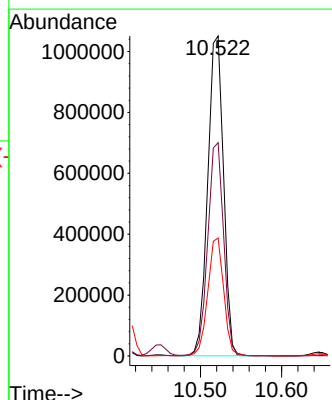
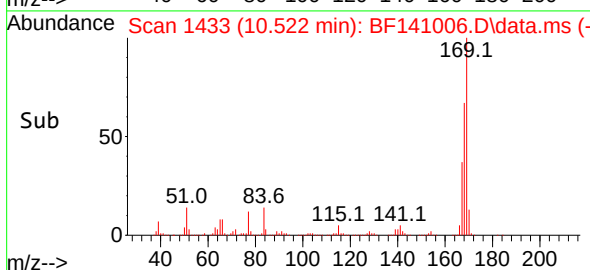
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

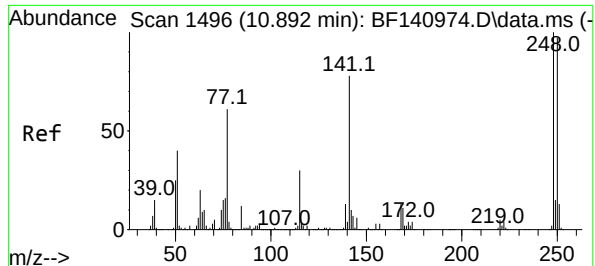


#66
n-Nitrosodiphenylamine
Concen: 55.965 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32



Tgt Ion:169 Resp: 1412624
Ion Ratio Lower Upper
169 100
168 66.6 52.6 79.0
167 36.8 29.0 43.4





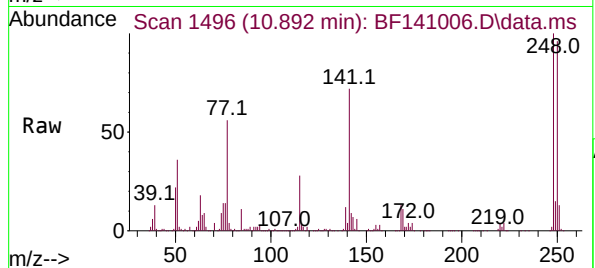
#67
4-Bromophenyl-phenylether
Concen: 56.791 ng
RT: 10.892 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

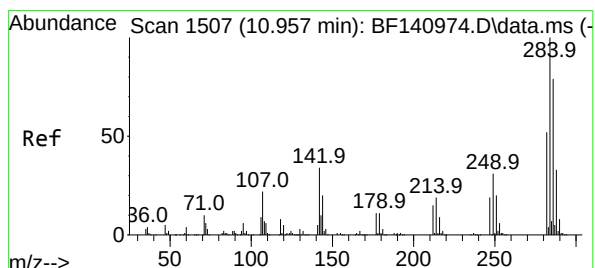
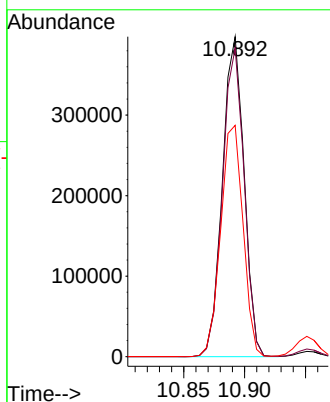
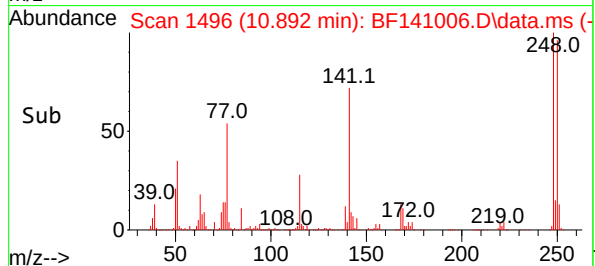


Tgt Ion:248 Resp: 49210
Ion Ratio Lower Upper
248 100
250 96.5 77.7 116.5
141 72.3 62.1 93.1

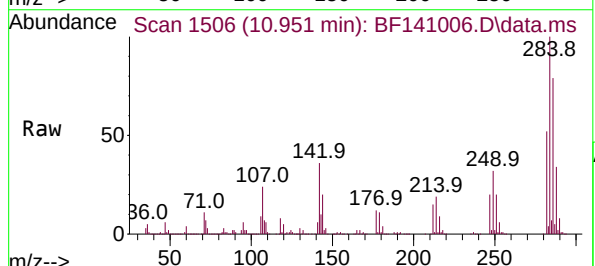
Manual Integrations

APPROVED

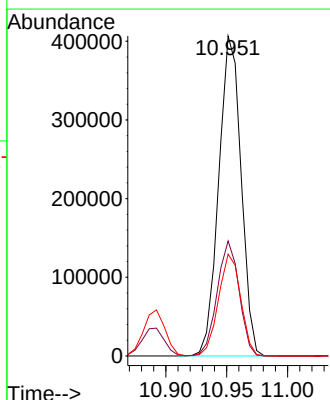
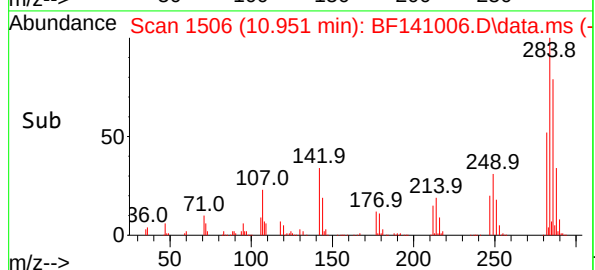
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

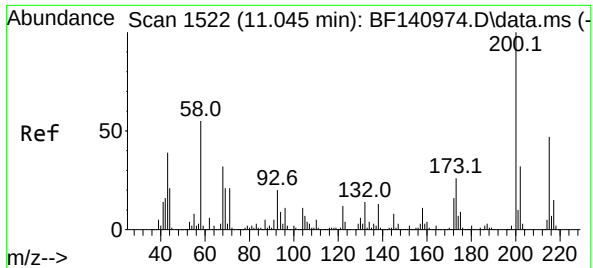


#68
Hexachlorobenzene
Concen: 54.362 ng
RT: 10.951 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32



Tgt Ion:284 Resp: 519404
Ion Ratio Lower Upper
284 100
142 36.0 27.1 40.7
249 31.8 25.1 37.7





#69

Atrazine

Concen: 65.497 ng

RT: 11.045 min Scan# 1522

Delta R.T. 0.000 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

Tgt Ion:200 Resp: 46185

Ion Ratio Lower Upper

200 100

173 26.5 6.4 46.4

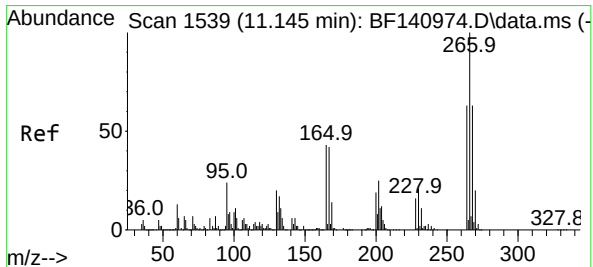
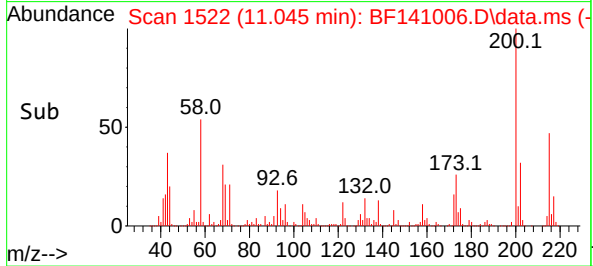
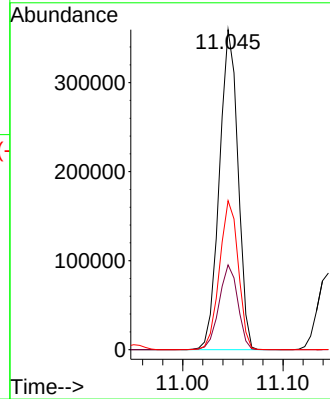
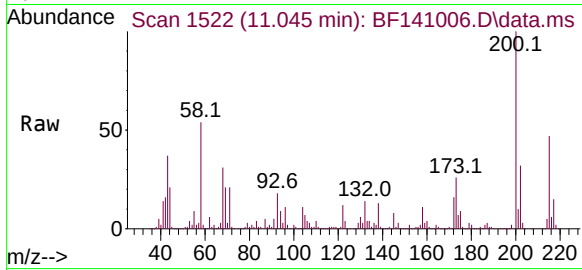
215 46.5 27.2 67.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#70

Pentachlorophenol

Concen: 99.680 ng

RT: 11.145 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

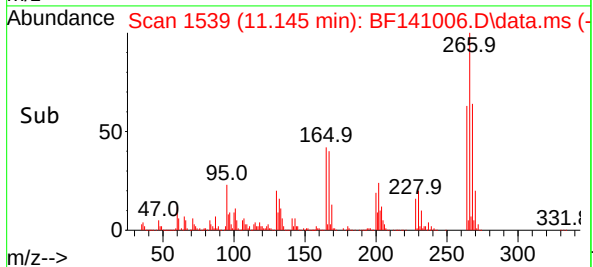
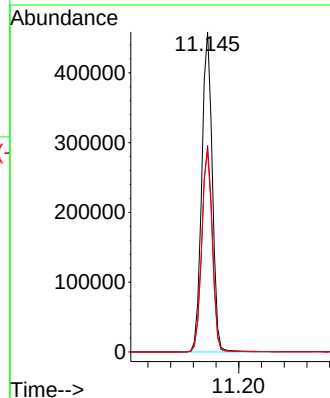
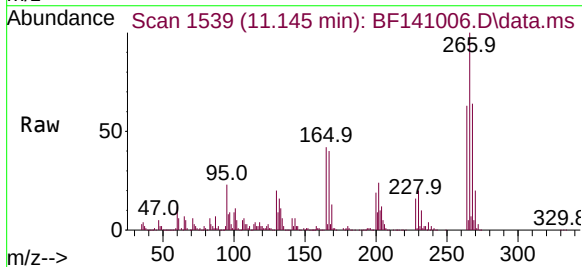
Tgt Ion:266 Resp: 592972

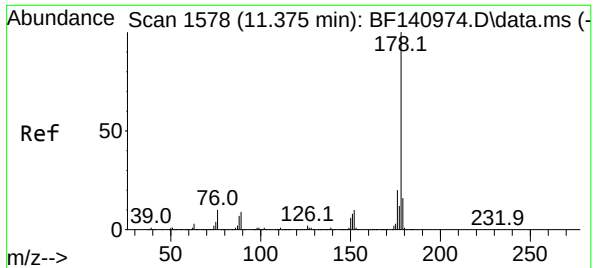
Ion Ratio Lower Upper

266 100

268 64.5 50.5 75.7

264 62.9 50.2 75.4





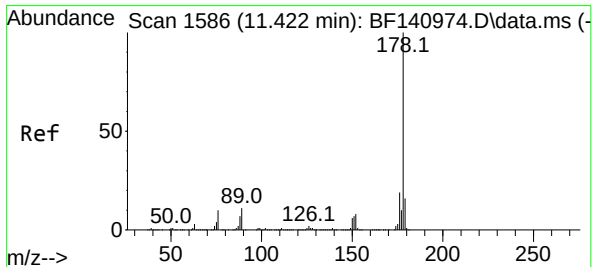
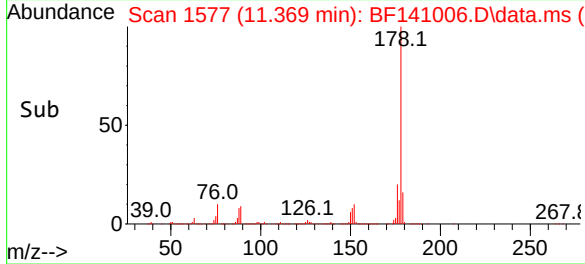
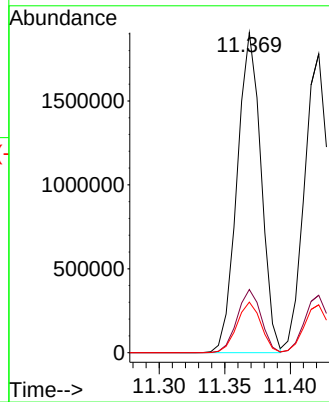
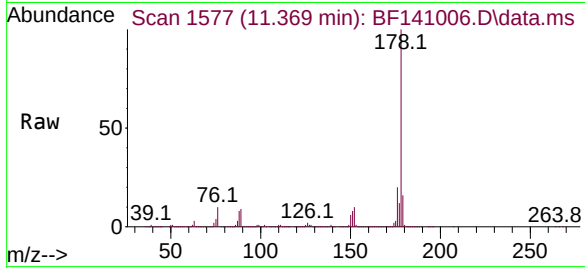
#71
Phenanthrene
Concen: 57.428 ng
RT: 11.369 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

Tgt Ion:178 Resp: 2422705
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 15.8 12.6 19.0

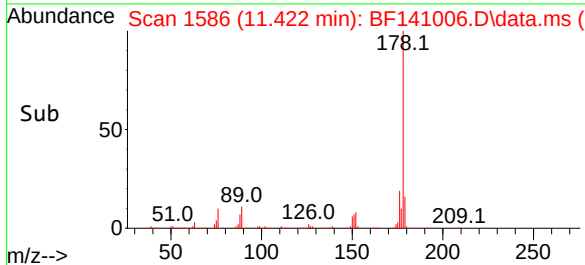
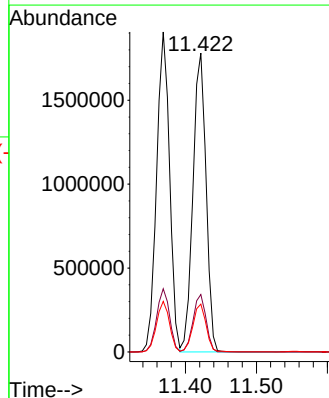
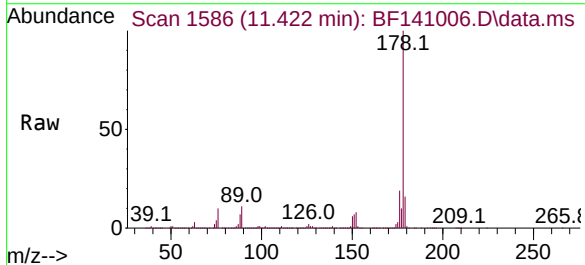
Manual Integrations
APPROVED

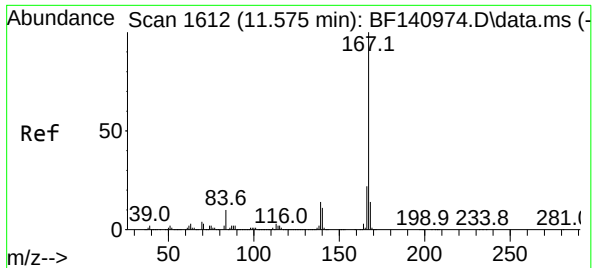
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#72
Anthracene
Concen: 55.328 ng
RT: 11.422 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

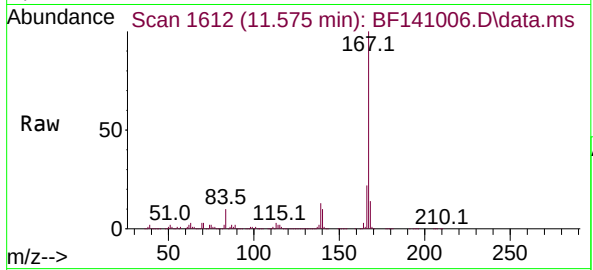
Tgt Ion:178 Resp: 2287159
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 16.0 12.9 19.3





#73
 Carbazole
 Concen: 47.067 ng
 RT: 11.575 min Scan# 1612
 Delta R.T. 0.000 min
 Lab File: BF141006.D
 Acq: 27 Dec 2024 19:32

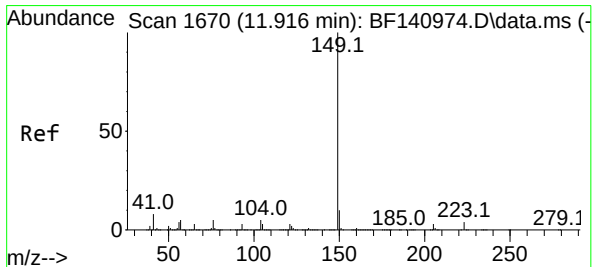
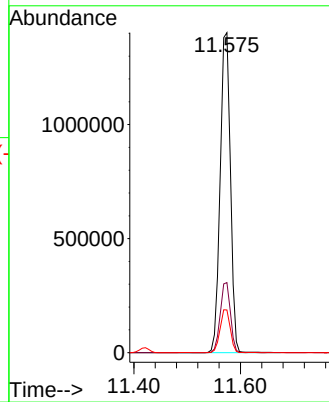
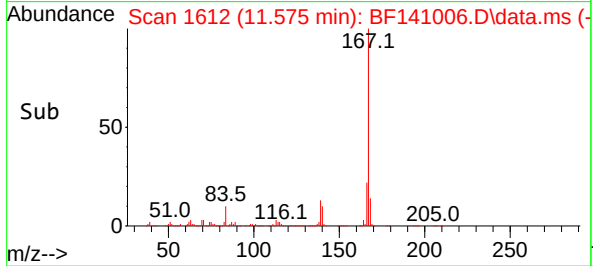
Instrument :
 BNA_F
 ClientSampleId :
 COMP-1MSD



Tgt Ion:167 Resp: 1870419
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.5 26.3
 139 13.3 11.0 16.4

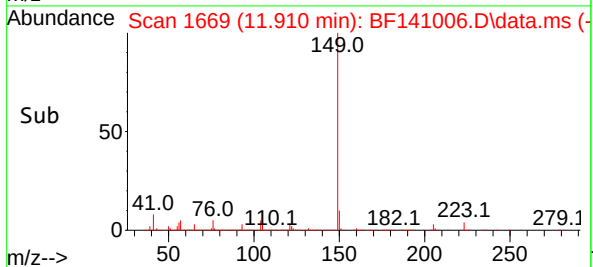
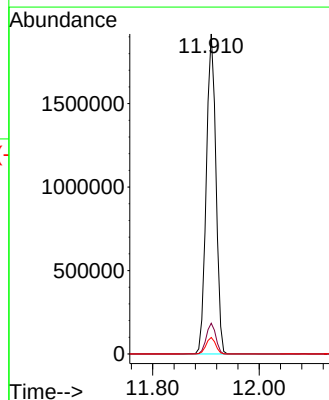
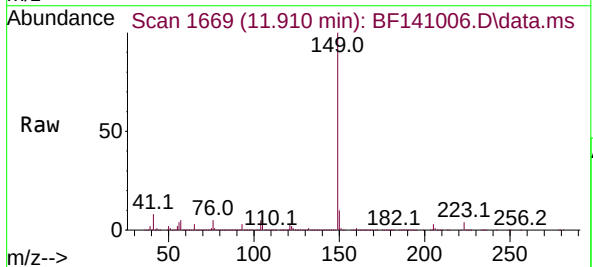
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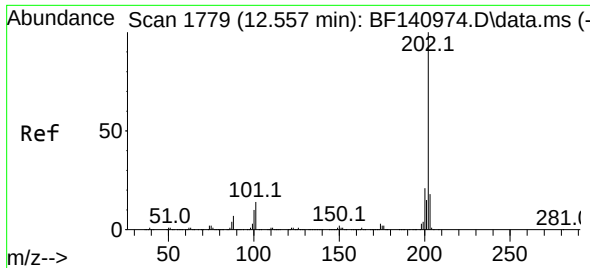
Reviewed By :Yogesh Patel 12/30/2024
 Supervised By :mohammad ahmed 12/30/2024



#74
 Di-n-butylphthalate
 Concen: 52.937 ng
 RT: 11.910 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF141006.D
 Acq: 27 Dec 2024 19:32

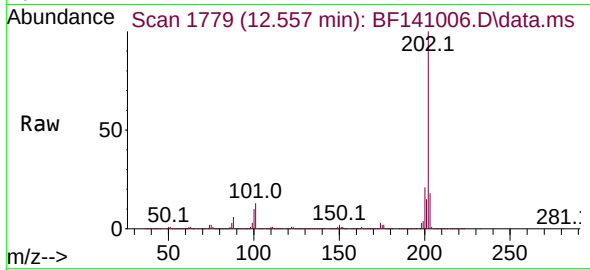
Tgt Ion:149 Resp: 2392727
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 48.181 ng
RT: 12.557 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

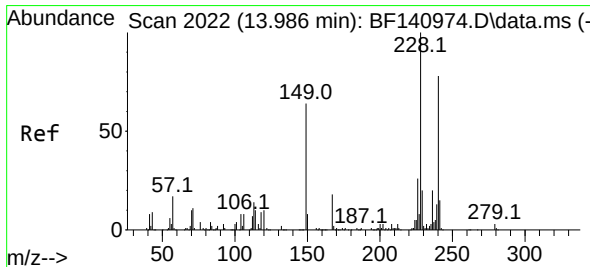
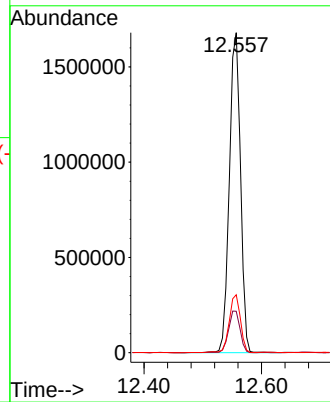
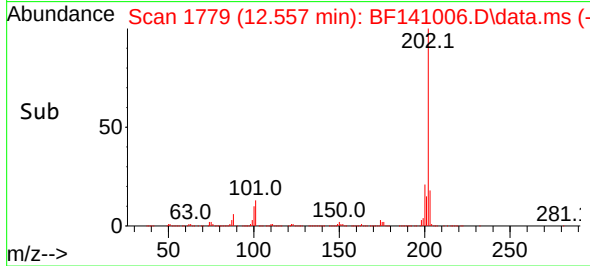
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD



Tgt Ion:202 Resp: 2204500
Ion Ratio Lower Upper
202 100
101 12.9 0.0 33.7
203 18.1 0.0 38.1

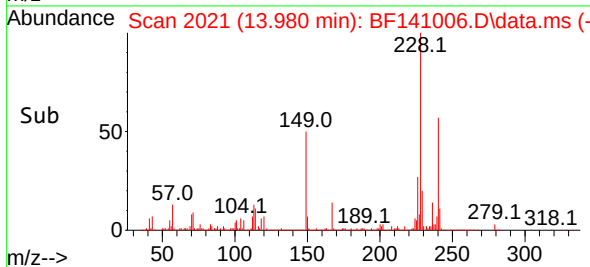
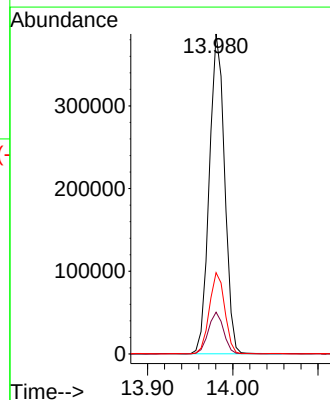
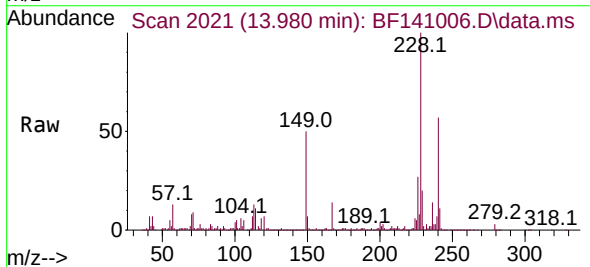
Manual Integrations
APPROVED

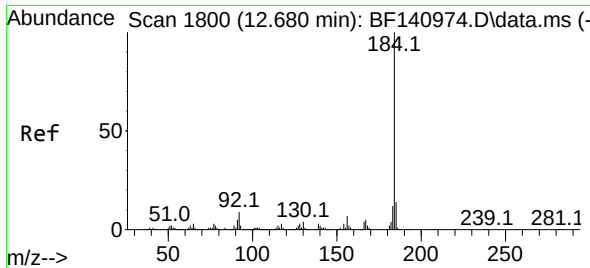
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

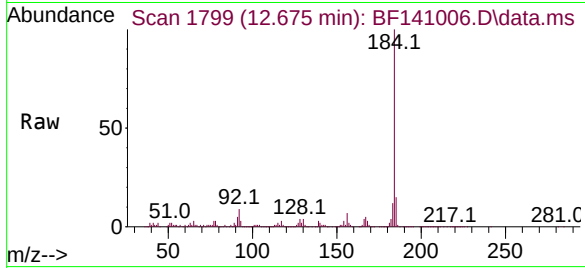
Tgt Ion:240 Resp: 483090
Ion Ratio Lower Upper
240 100
120 13.0 10.7 16.1
236 25.4 20.6 31.0





#77
Benzidine
Concen: 50.632 ng
RT: 12.675 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

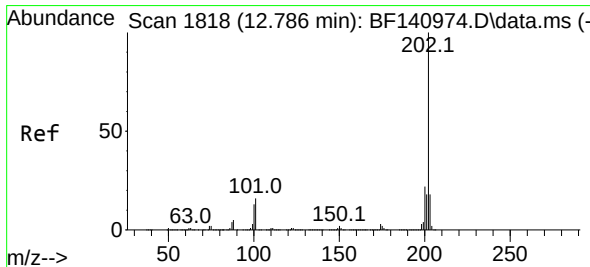
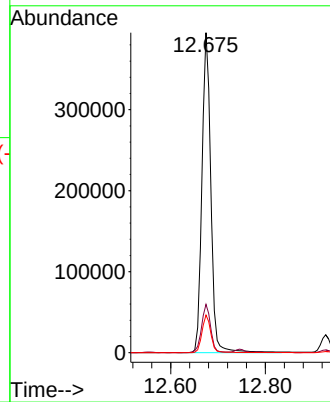
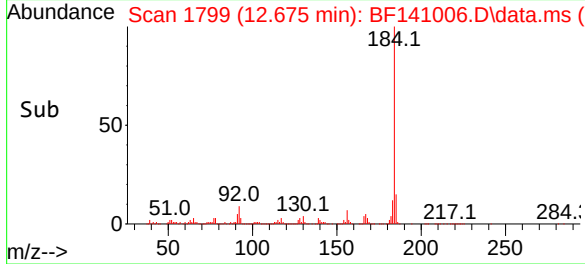
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD



Tgt Ion:184 Resp: 516930
Ion Ratio Lower Upper
184 100
185 15.1 11.4 17.2
183 11.7 9.4 14.0

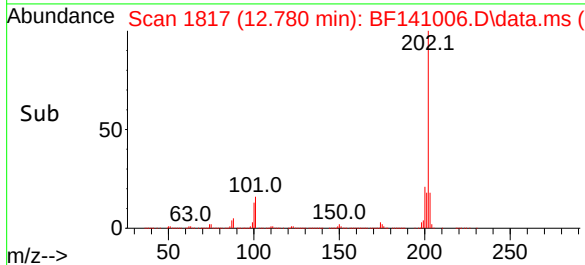
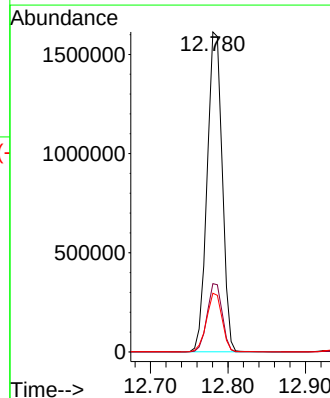
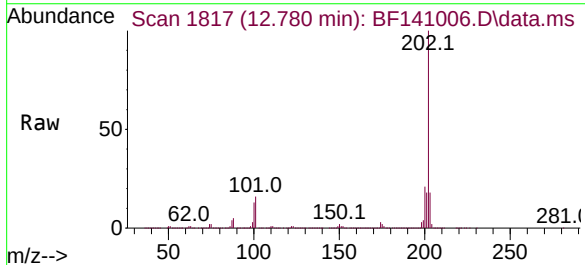
Manual Integrations
APPROVED

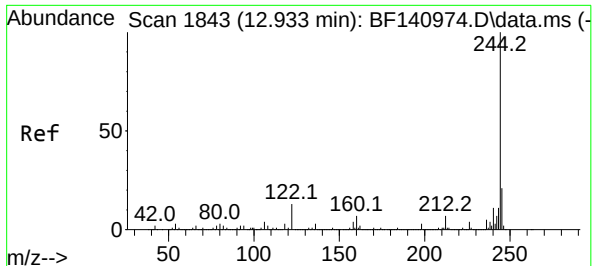
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#78
Pyrene
Concen: 51.567 ng
RT: 12.780 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Tgt Ion:202 Resp: 2178722
Ion Ratio Lower Upper
202 100
200 21.4 17.3 25.9
203 18.3 14.6 21.8





#79

Terphenyl-d14

Concen: 70.218 ng

RT: 12.927 min Scan# 1843

Delta R.T. -0.006 min

Lab File: BF141006.D

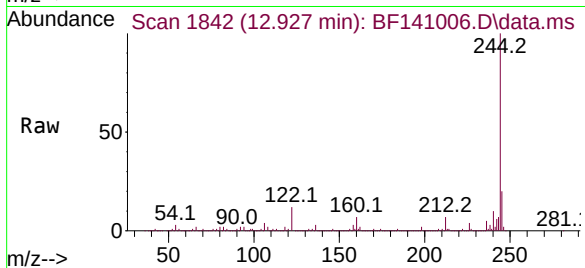
Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD



Tgt Ion:244 Resp: 2042250

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

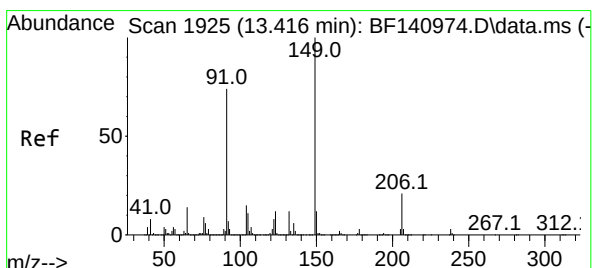
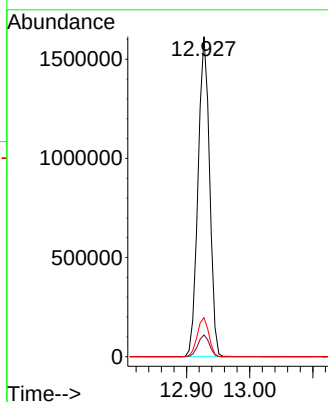
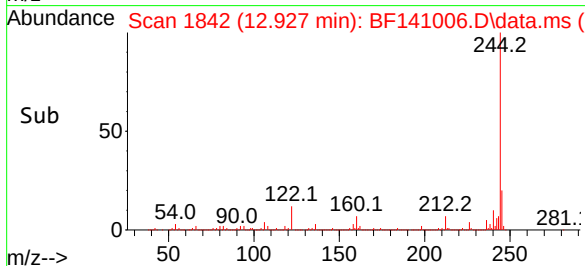
122 12.2 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#80

Butylbenzylphthalate

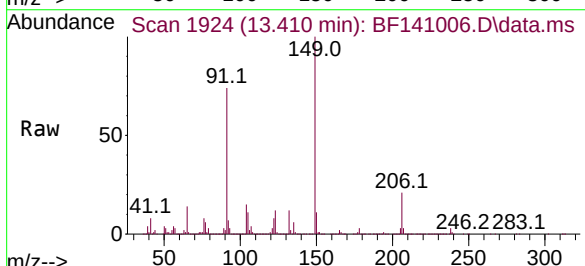
Concen: 52.046 ng

RT: 13.410 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32



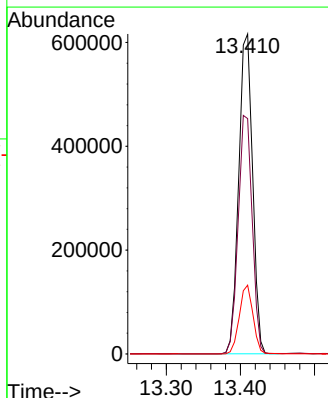
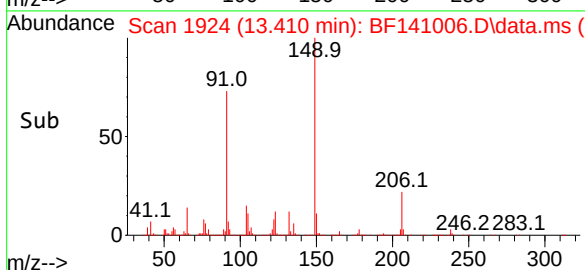
Tgt Ion:149 Resp: 802945

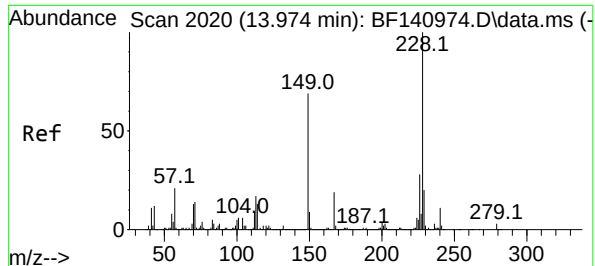
Ion Ratio Lower Upper

149 100

91 73.5 59.5 89.3

206 21.5 17.1 25.7





#81

Benzo(a)anthracene

Concen: 51.020 ng

RT: 13.969 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

Tgt Ion:228 Resp: 171775

Ion Ratio Lower Upper

228 100

226 27.4 22.1 33.1

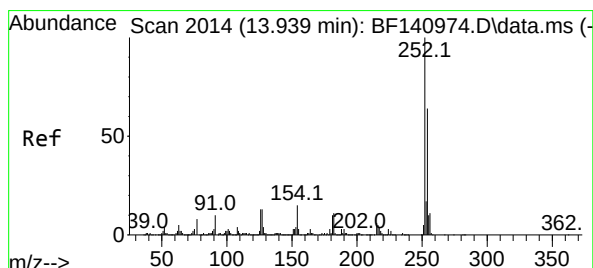
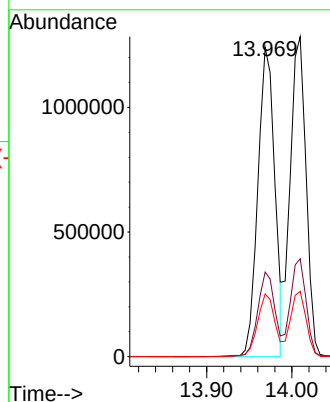
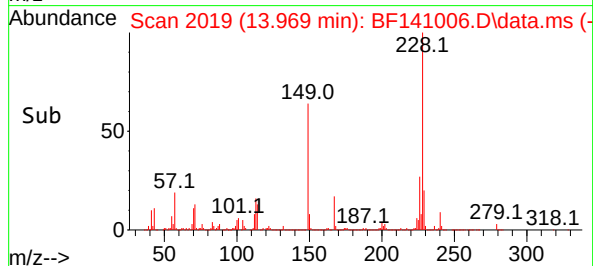
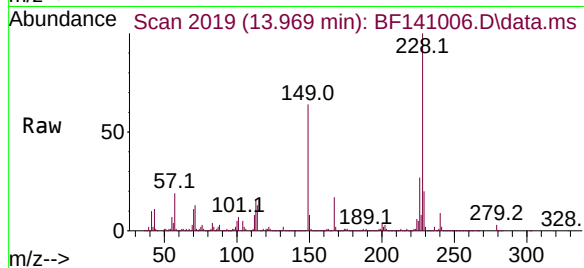
229 20.3 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#82

3,3'-Dichlorobenzidine

Concen: 36.372 ng

RT: 13.933 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

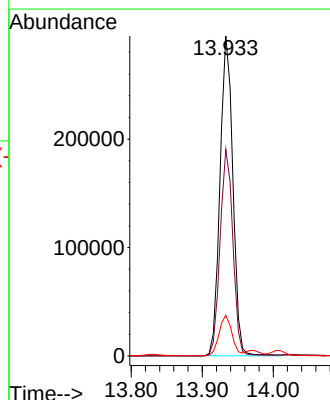
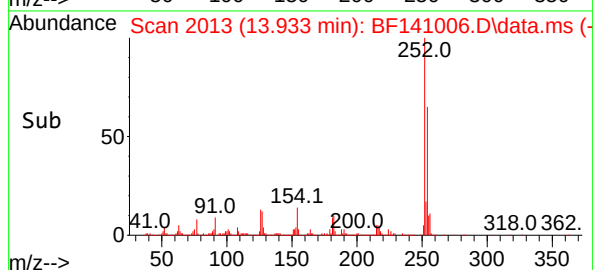
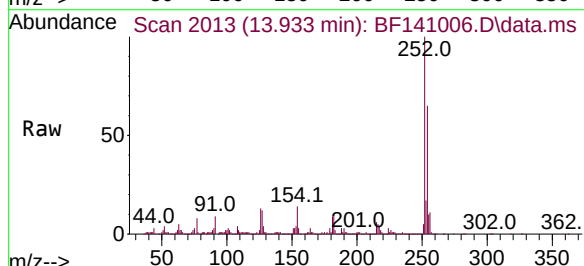
Tgt Ion:252 Resp: 367920

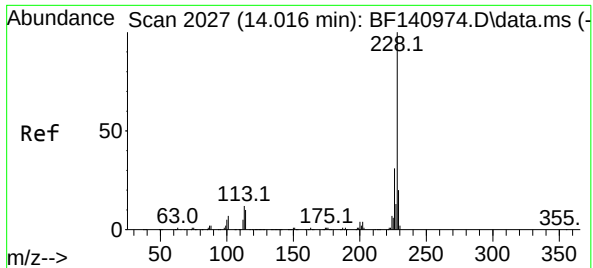
Ion Ratio Lower Upper

252 100

254 64.6 51.5 77.3

126 12.7 10.3 15.5





#83

Chrysene

Concen: 54.701 ng

RT: 14.010 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF141006.D

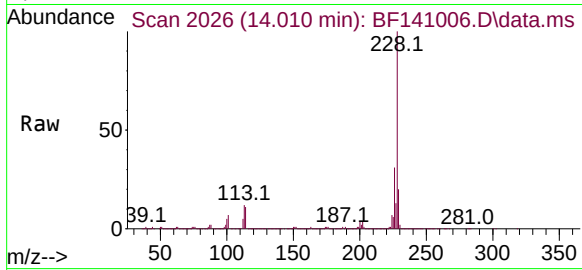
Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD



Tgt Ion:228 Resp: 166022

Ion Ratio Lower Upper

228 100

226 30.6 24.5 36.7

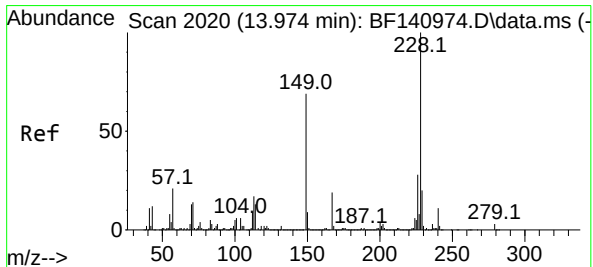
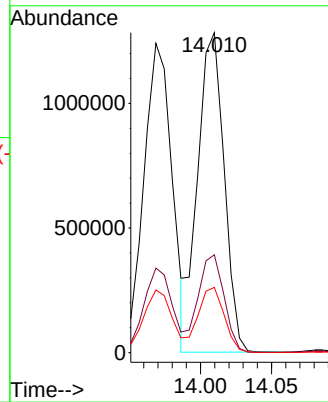
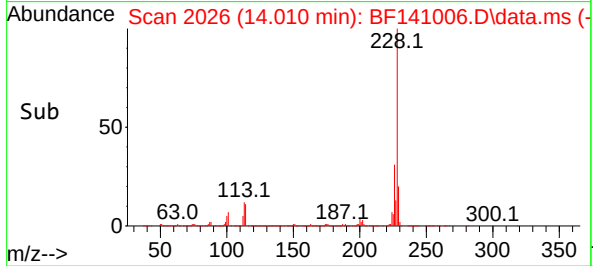
229 20.4 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#84

Bis(2-ethylhexyl)phthalate

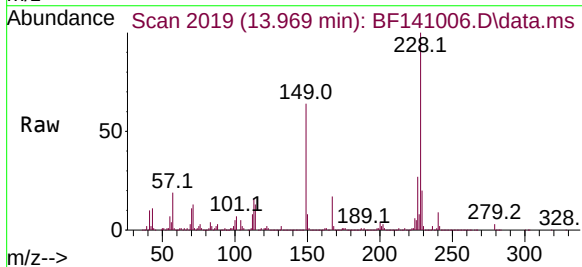
Concen: 50.581 ng

RT: 13.969 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32



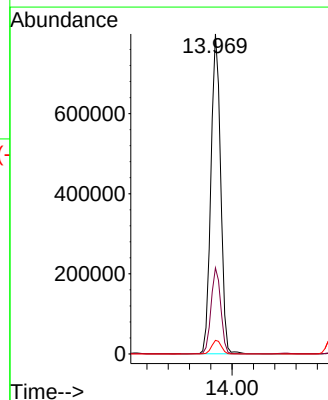
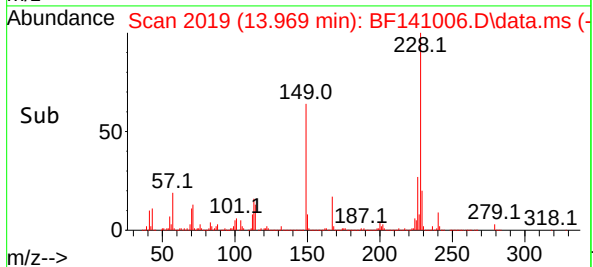
Tgt Ion:149 Resp: 1012227

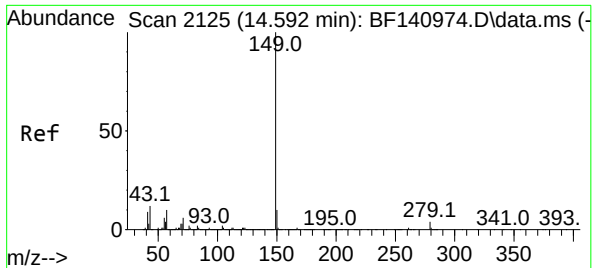
Ion Ratio Lower Upper

149 100

167 26.9 21.6 32.4

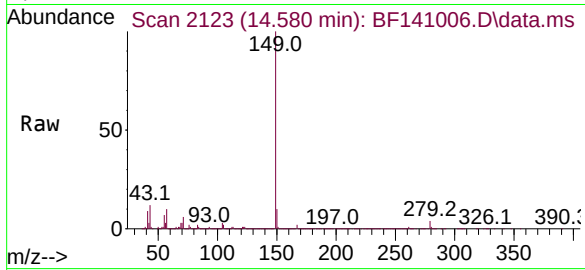
279 4.2 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 60.899 ng
RT: 14.580 min Scan# 2125
Delta R.T. -0.012 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

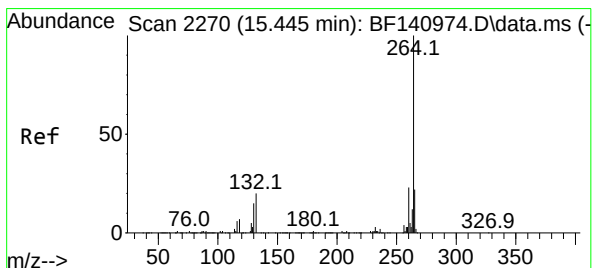
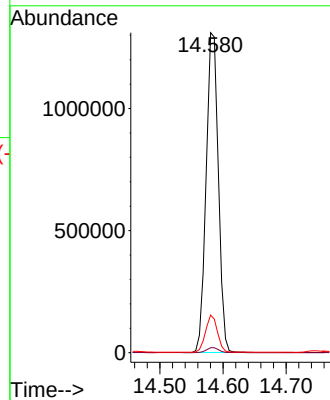
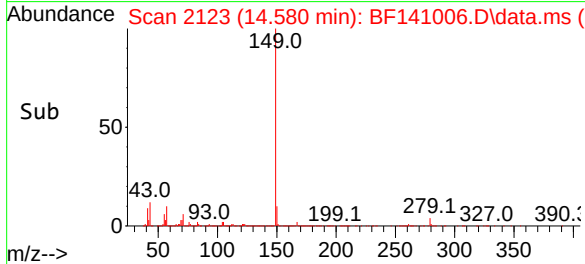
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD



Tgt Ion:149 Resp: 176390
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.2 9.3 13.9

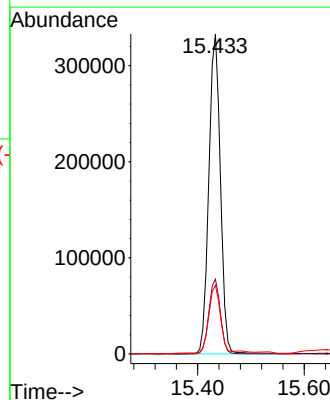
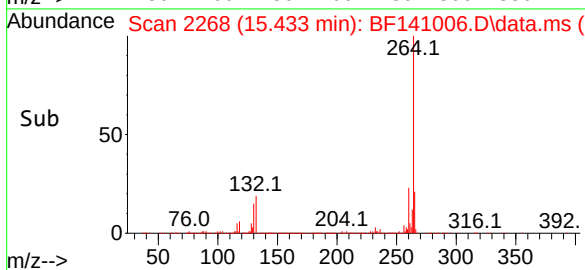
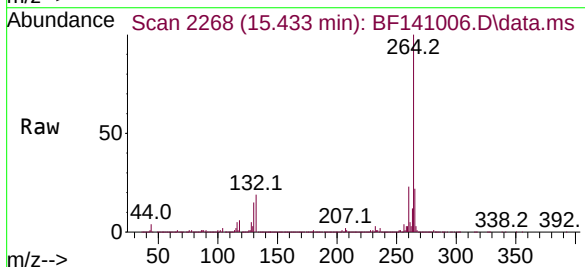
Manual Integrations
APPROVED

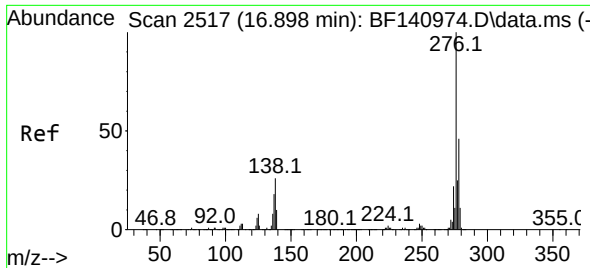
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 2268
Delta R.T. -0.012 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

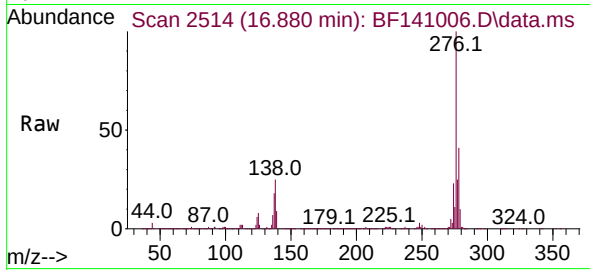
Tgt Ion:264 Resp: 500993
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 21.5 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.227 ng
RT: 16.880 min Scan# 2196
Delta R.T. -0.018 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

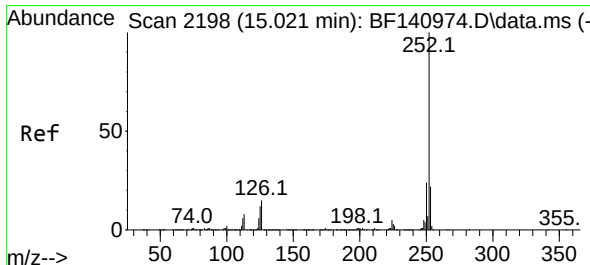
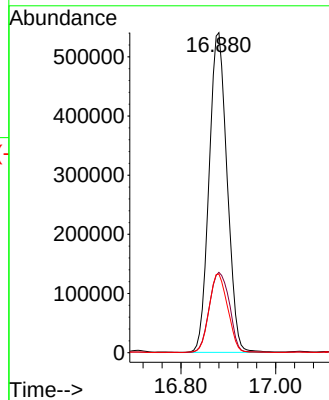
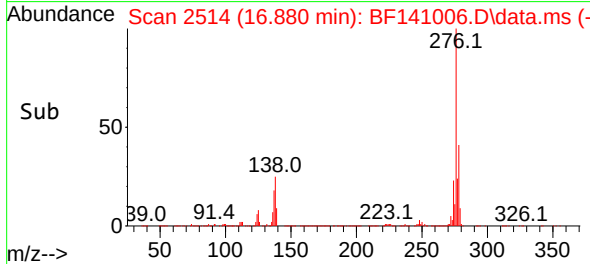
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD



Tgt Ion:276 Resp: 142754
Ion Ratio Lower Upper
276 100
138 28.0 23.1 34.7
277 25.3 20.4 30.6

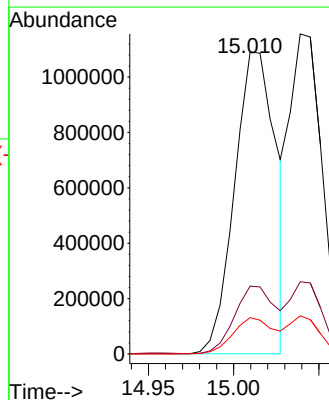
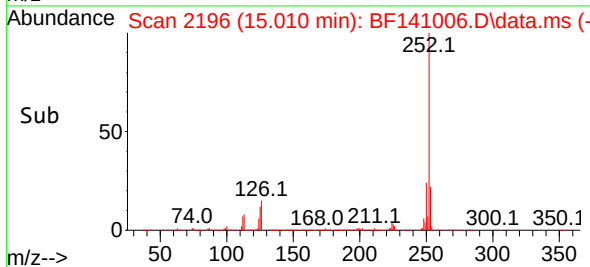
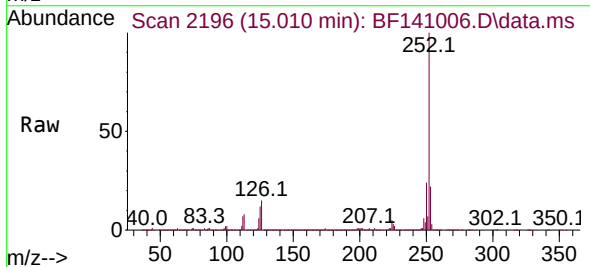
Manual Integrations
APPROVED

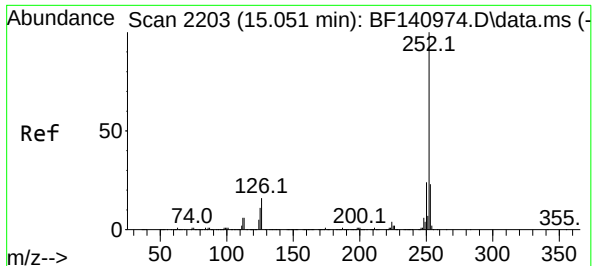
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#88
Benzo(b)fluoranthene
Concen: 52.574 ng
RT: 15.010 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Tgt Ion:252 Resp: 1836997
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 12.0 9.3 13.9





#89

Benzo(k)fluoranthene

Concen: 55.697 ng

RT: 15.039 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

Tgt Ion:252 Resp: 152529

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

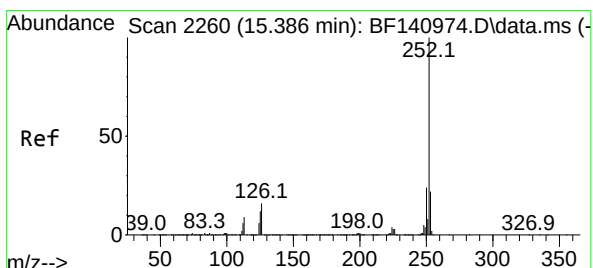
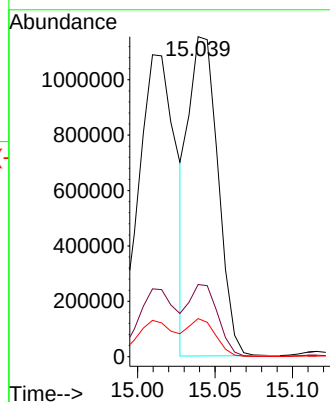
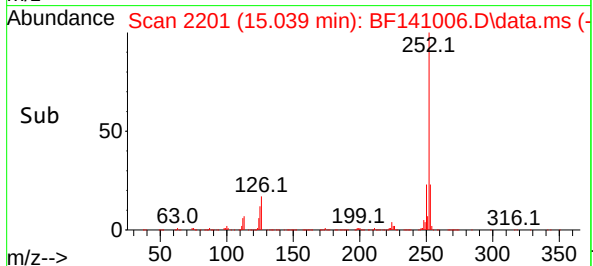
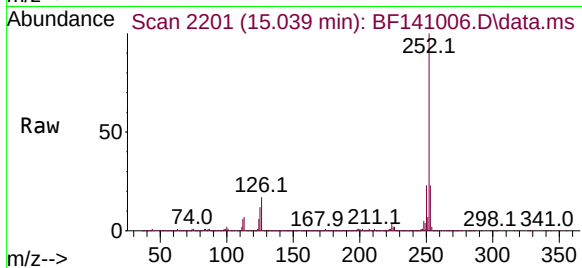
125 11.9 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#90

Benzo(a)pyrene

Concen: 57.775 ng

RT: 15.374 min Scan# 2258

Delta R.T. -0.012 min

Lab File: BF141006.D

Acq: 27 Dec 2024 19:32

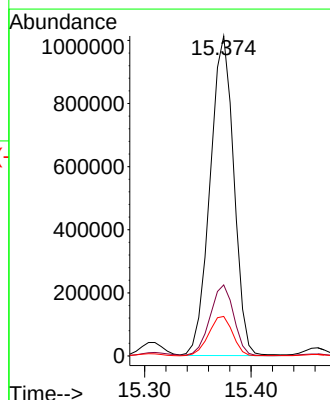
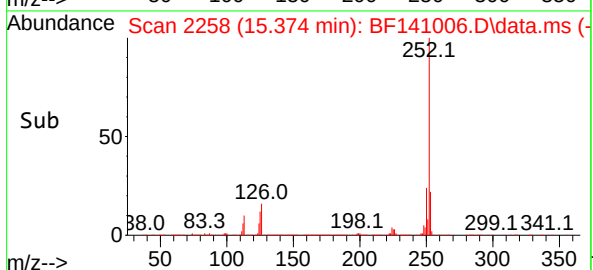
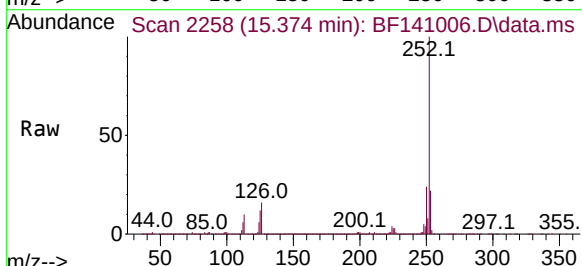
Tgt Ion:252 Resp: 1566908

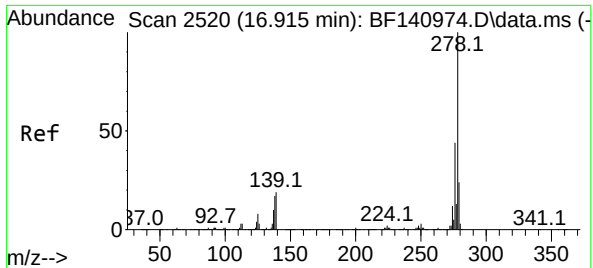
Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

125 12.4 9.8 14.8





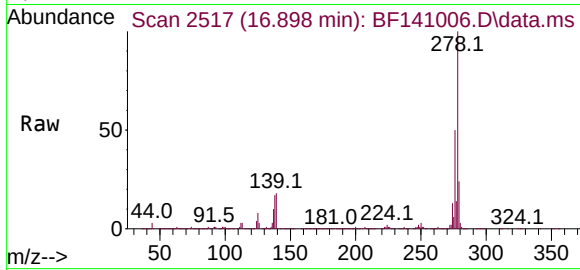
#91
Dibenzo(a,h)anthracene
Concen: 45.075 ng
RT: 16.898 min Scan# 2153
Delta R.T. -0.018 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

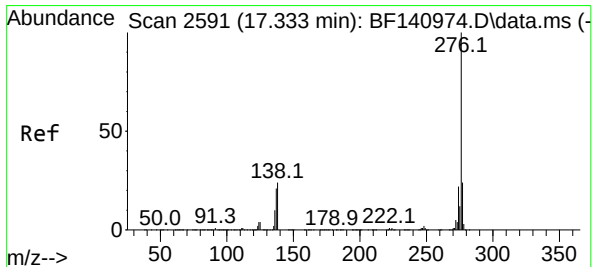
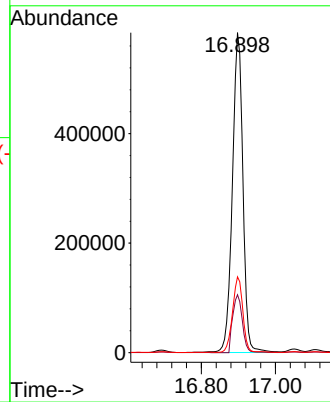
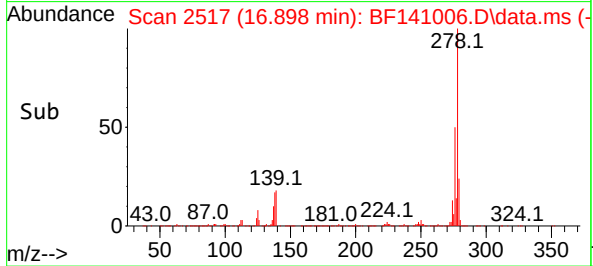


Tgt Ion:278 Resp: 115328
Ion Ratio Lower Upper
278 100
139 18.1 14.9 22.3
279 23.7 19.0 28.6

Manual Integrations

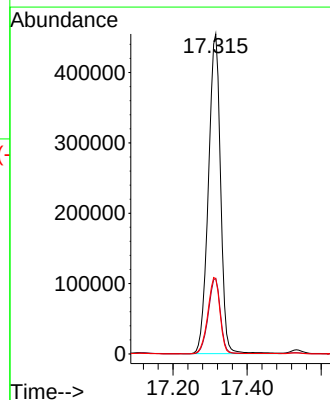
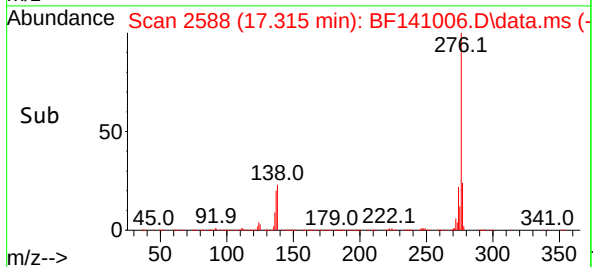
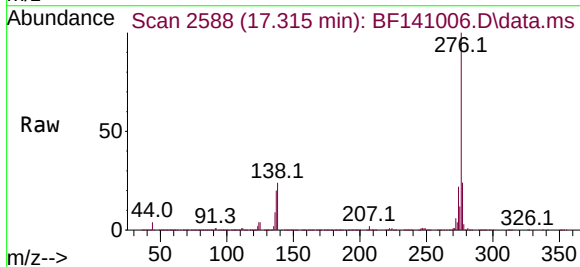
APPROVED

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#92
Benzo(g,h,i)perylene
Concen: 38.932 ng
RT: 17.315 min Scan# 2588
Delta R.T. -0.018 min
Lab File: BF141006.D
Acq: 27 Dec 2024 19:32

Tgt Ion:276 Resp: 1033155
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.4
138 23.5 19.4 29.2



Manual Integration Report

Sequence:	BF122624	Instrument	BNA_f
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICCC040	BF140974.D	Aniline	yogesh	12/27/2024 3:54:51 AM	mohammad	12/27/2024 4:13:24 AM	Peak Integrated by Software
SSTDICCC040	BF140974.D	Caprolactam	yogesh	12/27/2024 3:54:51 AM	mohammad	12/27/2024 4:13:24 AM	Peak Integrated by Software
SSTDICC050	BF140975.D	Aniline	yogesh	12/27/2024 3:54:52 AM	mohammad	12/27/2024 4:13:24 AM	Peak Integrated by Software
SSTDICC050	BF140975.D	Caprolactam	yogesh	12/27/2024 3:54:52 AM	mohammad	12/27/2024 4:13:24 AM	Peak Integrated by Software
SSTDICC060	BF140976.D	Aniline	yogesh	12/27/2024 3:54:54 AM	mohammad	12/27/2024 4:13:24 AM	Peak Integrated by Software
SSTDICC080	BF140977.D	Aniline	yogesh	12/27/2024 3:54:55 AM	mohammad	12/27/2024 4:13:24 AM	Peak Integrated by Software
SSTDICC080	BF140977.D	bis(2-Chloroethyl)ether	yogesh	12/27/2024 3:54:55 AM	mohammad	12/27/2024 4:13:24 AM	Peak Integrated by Software
SSTDICV040	BF140978.D	Caprolactam	yogesh	12/27/2024 3:54:57 AM	mohammad	12/27/2024 4:13:24 AM	Peak Integrated by Software

Manual Integration Report

Sequence:	bf122724	Instrument	BNA_f
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BF140981.D	Caprolactam	yogesh	12/30/2024 12:21:09 AM	mohammad	12/30/2024 12:23:12 AM	Peak Integrated by Software
SSTDCCC040	BF140981.D	Phenol	yogesh	12/30/2024 12:21:09 AM	mohammad	12/30/2024 12:23:12 AM	Peak Integrated by Software
PB165845BS	BF140992.D	Caprolactam	yogesh	12/30/2024 12:21:18 AM	mohammad	12/30/2024 12:23:12 AM	Peak Integrated by Software
SSTDCCC040	BF140994.D	Caprolactam	yogesh	12/30/2024 12:21:19 AM	mohammad	12/30/2024 12:23:12 AM	Peak Integrated by Software
SSTDCCC040	BF140994.D	Phenol	yogesh	12/30/2024 12:21:19 AM	mohammad	12/30/2024 12:23:12 AM	Peak Integrated by Software
P5382-01	BF141004.D	Benzo(b)fluoranthene	yogesh	12/30/2024 12:21:41 AM	mohammad	12/30/2024 12:23:12 AM	Peak Integrated by Software
P5382-01	BF141004.D	Benzo(k)fluoranthene	yogesh	12/30/2024 12:21:41 AM	mohammad	12/30/2024 12:23:12 AM	Peak Integrated by Software
P5382-01	BF141004.D	Indeno(1,2,3-cd)pyrene	yogesh	12/30/2024 12:21:41 AM	mohammad	12/30/2024 12:23:12 AM	Peak Integrated by Software
P5382-01MS	BF141005.D	Caprolactam	yogesh	12/30/2024 12:21:43 AM	mohammad	12/30/2024 12:23:12 AM	Peak Integrated by Software
P5382-01MSD	BF141006.D	Caprolactam	yogesh	12/30/2024 12:21:44 AM	mohammad	12/30/2024 12:23:12 AM	Peak Integrated by Software
P5382-02	BF141007.D	Benzo(b)fluoranthene	yogesh	12/30/2024 12:21:45 AM	mohammad	12/30/2024 12:23:12 AM	Peak Integrated by Software

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF122624

Review By	yogesh	Review On	12/27/2024 4:07:20 AM
Supervise By	mohammad	Supervise On	12/27/2024 4:13:24 AM
SubDirectory	BF122624	HP Acquire Method	BNA_F
		HP Processing Method	bf122624
STD. NAME	STD REF.#		
Tune/Reschk	SP6573		
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673		
CCC	SP6676		
Internal Standard/PEM	S12646,10ul/1000ul sample		
ICV/I.BLK	SP6686		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF140969.D	26 Dec 2024 15:57	RC/JU	Ok
2	SSTDICC2.5	BF140970.D	26 Dec 2024 16:23	RC/JU	Ok
3	SSTDICC005	BF140971.D	26 Dec 2024 16:49	RC/JU	Ok
4	SSTDICC010	BF140972.D	26 Dec 2024 17:15	RC/JU	Ok
5	SSTDICC020	BF140973.D	26 Dec 2024 17:41	RC/JU	Ok
6	SSTDICCC040	BF140974.D	26 Dec 2024 18:06	RC/JU	Ok,M
7	SSTDICC050	BF140975.D	26 Dec 2024 18:33	RC/JU	Ok,M
8	SSTDICC060	BF140976.D	26 Dec 2024 18:59	RC/JU	Ok,M
9	SSTDICC080	BF140977.D	26 Dec 2024 19:25	RC/JU	Ok,M
10	SSTDICV040	BF140978.D	26 Dec 2024 19:52	RC/JU	Ok,M
11	PB165543BL	BF140979.D	26 Dec 2024 20:18	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF122724

Review By	yogesh	Review On	12/30/2024 12:22:08 AM
Supervise By	mohammad	Supervise On	12/30/2024 12:23:12 AM
SubDirectory	BF122724	HP Acquire Method	BNA_F
		HP Processing Method	bf122624
STD. NAME	STD REF.#		
Tune/Reschk	SP6573		
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673		
CCC	SP6676		
Internal Standard/PEM	S12646,10ul/1000ul sample		
ICV/I.BLK	SP6686		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF140980.D	27 Dec 2024 07:54	RC/JU	Ok
2	SSTDCCC040	BF140981.D	27 Dec 2024 08:19	RC/JU	Ok,M
3	PB165790BL	BF140982.D	27 Dec 2024 08:45	RC/JU	Ok
4	PB165785BS	BF140983.D	27 Dec 2024 09:11	RC/JU	Ok,M
5	PB165785BSD	BF140984.D	27 Dec 2024 09:37	RC/JU	Ok,M
6	PB165733TB	BF140985.D	27 Dec 2024 10:04	RC/JU	Ok
7	PB165790BS	BF140986.D	27 Dec 2024 10:30	RC/JU	Ok,M
8	PB165748BL	BF140987.D	27 Dec 2024 10:56	RC/JU	Ok
9	PB165748BS	BF140988.D	27 Dec 2024 11:22	RC/JU	Ok,M
10	PB165814BL	BF140989.D	27 Dec 2024 11:48	RC/JU	Ok
11	PB165814BS	BF140990.D	27 Dec 2024 12:14	RC/JU	Ok,M
12	PB165845BL	BF140991.D	27 Dec 2024 12:41	RC/JU	Ok
13	PB165845BS	BF140992.D	27 Dec 2024 13:07	RC/JU	Ok,M
14	DFTPP	BF140993.D	27 Dec 2024 13:33	RC/JU	Ok
15	SSTDCCC040	BF140994.D	27 Dec 2024 13:59	RC/JU	Ok,M
16	PB165872BL	BF140995.D	27 Dec 2024 14:26	RC/JU	Ok
17	P5299-04	BF140996.D	27 Dec 2024 15:00	RC/JU	Ok
18	P5299-03	BF140997.D	27 Dec 2024 15:26	RC/JU	Ok
19	P5299-02	BF140998.D	27 Dec 2024 16:03	RC/JU	Ok
20	P5299-01	BF140999.D	27 Dec 2024 16:29	RC/JU	Ok
21	P5356-01	BF141000.D	27 Dec 2024 16:55	RC/JU	Ok

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF122724

Review By	yogesh	Review On	12/30/2024 12:22:08 AM
Supervise By	mohammad	Supervise On	12/30/2024 12:23:12 AM
SubDirectory	BF122724	HP Acquire Method	BNA_F
		HP Processing Method	bf122624
STD. NAME	STD REF.#		
Tune/Reschk	SP6573		
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673		
CCC	SP6676		
Internal Standard/PEM	S12646,10ul/1000ul sample		
ICV/I.BLK	SP6686		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	P5362-01	BF141001.D	27 Dec 2024 17:21	RC/JU	Ok,M
23	P5362-01MS	BF141002.D	27 Dec 2024 17:46	RC/JU	Ok,M
24	P5362-01MSD	BF141003.D	27 Dec 2024 18:13	RC/JU	Ok,M
25	P5382-01	BF141004.D	27 Dec 2024 18:39	RC/JU	Ok,M
26	P5382-01MS	BF141005.D	27 Dec 2024 19:05	RC/JU	Ok,M
27	P5382-01MSD	BF141006.D	27 Dec 2024 19:32	RC/JU	Ok,M
28	P5382-02	BF141007.D	27 Dec 2024 19:58	RC/JU	Ok,M
29	P5382-03	BF141008.D	27 Dec 2024 20:24	RC/JU	Ok
30	P5343-01MS	BF141009.D	27 Dec 2024 20:51	RC/JU	Ok
31	P5343-01MSD	BF141010.D	27 Dec 2024 21:17	RC/JU	Ok
32	P5343-03RE	BF141011.D	27 Dec 2024 21:43	RC/JU	Confirms
33	P5330-01RE	BF141012.D	27 Dec 2024 22:10	RC/JU	Confirms
34	P5383-01	BF141013.D	27 Dec 2024 22:36	RC/JU	Ok,M
35	P5355-01RE	BF141014.D	27 Dec 2024 23:02	RC/JU	Confirms
36	P5387-01	BF141015.D	27 Dec 2024 23:29	RC/JU	Ok,M
37	P5387-01MS	BF141016.D	27 Dec 2024 23:55	RC/JU	Ok
38	P5387-01MSD	BF141017.D	28 Dec 2024 00:21	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF122624

Review By	yogesh	Review On	12/27/2024 4:07:20 AM
Supervise By	mohammad	Supervise On	12/27/2024 4:13:24 AM
SubDirectory	BF122624	HP Acquire Method	BNA_F
		HP Processing Method	bf122624

STD. NAME	STD REF.#
Tune/Reschk	SP6573
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673
CCC	SP6676
Internal Standard/PEM	S12646,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF140969.D	26 Dec 2024 15:57		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF140970.D	26 Dec 2024 16:23		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF140971.D	26 Dec 2024 16:49	Compound #9,54,56,65 removed from 5ppm	RC/JU	Ok
4	SSTDICC010	SSTDICC010	BF140972.D	26 Dec 2024 17:15		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BF140973.D	26 Dec 2024 17:41	Compound #9,26,32,48,51,53,57,62,65 Kept on LR and Compound #54 Kept on QR	RC/JU	Ok
6	SSTDICCC040	SSTDICCC040	BF140974.D	26 Dec 2024 18:06	The Calibration is Good For 8270 DOD Except Com#56 and good for 625.1 Method	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BF140975.D	26 Dec 2024 18:33		RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BF140976.D	26 Dec 2024 18:59		RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BF140977.D	26 Dec 2024 19:25	Compound #9,69 removed from 80ppm	RC/JU	Ok,M
10	SSTDICV040	ICVBF122624	BF140978.D	26 Dec 2024 19:52	ICV Fail for Com#56 for DOD	RC/JU	Ok,M
11	PB165543BL	PB165543BL	BF140979.D	26 Dec 2024 20:18		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF122724

Review By	yogesh	Review On	12/30/2024 12:22:08 AM
Supervise By	mohammad	Supervise On	12/30/2024 12:23:12 AM
SubDirectory	BF122724	HP Acquire Method	BNA_F
		HP Processing Method	bf122624

STD. NAME	STD REF.#
Tune/Reschk	SP6573
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673
CCC	SP6676
Internal Standard/PEM	S12646,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF140980.D	27 Dec 2024 07:54		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF140981.D	27 Dec 2024 08:19		RC/JU	Ok,M
3	PB165790BL	PB165790BL	BF140982.D	27 Dec 2024 08:45		RC/JU	Ok
4	PB165785BS	PB165785BS	BF140983.D	27 Dec 2024 09:11		RC/JU	Ok,M
5	PB165785BSD	PB165785BSD	BF140984.D	27 Dec 2024 09:37		RC/JU	Ok,M
6	PB165733TB	PB165733TB	BF140985.D	27 Dec 2024 10:04		RC/JU	Ok
7	PB165790BS	PB165790BS	BF140986.D	27 Dec 2024 10:30		RC/JU	Ok,M
8	PB165748BL	PB165748BL	BF140987.D	27 Dec 2024 10:56		RC/JU	Ok
9	PB165748BS	PB165748BS	BF140988.D	27 Dec 2024 11:22		RC/JU	Ok,M
10	PB165814BL	PB165814BL	BF140989.D	27 Dec 2024 11:48		RC/JU	Ok
11	PB165814BS	PB165814BS	BF140990.D	27 Dec 2024 12:14		RC/JU	Ok,M
12	PB165845BL	PB165845BL	BF140991.D	27 Dec 2024 12:41		RC/JU	Ok
13	PB165845BS	PB165845BS	BF140992.D	27 Dec 2024 13:07		RC/JU	Ok,M
14	DFTPP	DFTPP	BF140993.D	27 Dec 2024 13:33		RC/JU	Ok
15	SSTDCCC040	SSTDCCC040	BF140994.D	27 Dec 2024 13:59		RC/JU	Ok,M
16	PB165872BL	PB165872BL	BF140995.D	27 Dec 2024 14:26		RC/JU	Ok
17	P5299-04	SB-02	BF140996.D	27 Dec 2024 15:00		RC/JU	Ok
18	P5299-03	SB-01	BF140997.D	27 Dec 2024 15:26		RC/JU	Ok

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF122724

Review By	yogesh	Review On	12/30/2024 12:22:08 AM		
Supervise By	mohammad	Supervise On	12/30/2024 12:23:12 AM		
SubDirectory	BF122724	HP Acquire Method	BNA_F	HP Processing Method	bf122624
STD. NAME	STD REF.#				
Tune/Reschk	SP6573				
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673				
CCC	SP6676				
Internal Standard/PEM	S12646,10ul/1000ul sample				
ICV/I.BLK	SP6686				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

19	P5299-02	SB-02	BF140998.D	27 Dec 2024 16:03		RC/JU	Ok
20	P5299-01	SB-01	BF140999.D	27 Dec 2024 16:29		RC/JU	Ok
21	P5356-01	STAND-PIPE	BF141000.D	27 Dec 2024 16:55		RC/JU	Ok
22	P5362-01	WC-SOIL-20241219	BF141001.D	27 Dec 2024 17:21		RC/JU	Ok,M
23	P5362-01MS	WC-SOIL-20241219MS	BF141002.D	27 Dec 2024 17:46		RC/JU	Ok,M
24	P5362-01MSD	WC-SOIL-20241219MSD	BF141003.D	27 Dec 2024 18:13		RC/JU	Ok,M
25	P5382-01	COMP-1	BF141004.D	27 Dec 2024 18:39		RC/JU	Ok,M
26	P5382-01MS	COMP-1MS	BF141005.D	27 Dec 2024 19:05		RC/JU	Ok,M
27	P5382-01MSD	COMP-1MSD	BF141006.D	27 Dec 2024 19:32		RC/JU	Ok,M
28	P5382-02	COMP-2	BF141007.D	27 Dec 2024 19:58		RC/JU	Ok,M
29	P5382-03	COMP-3	BF141008.D	27 Dec 2024 20:24		RC/JU	Ok
30	P5343-01MS	VNJ210MS	BF141009.D	27 Dec 2024 20:51		RC/JU	Ok
31	P5343-01MSD	VNJ210MSD	BF141010.D	27 Dec 2024 21:17		RC/JU	Ok
32	P5343-03RE	VNJ281RE	BF141011.D	27 Dec 2024 21:43	Fax is already given	RC/JU	Confirms
33	P5330-01RE	TP-5RE	BF141012.D	27 Dec 2024 22:10	Fax is already given	RC/JU	Confirms
34	P5383-01	OK-02-12232024	BF141013.D	27 Dec 2024 22:36		RC/JU	Ok,M
35	P5355-01RE	RBR251688RE	BF141014.D	27 Dec 2024 23:02	Fax is already given	RC/JU	Confirms
36	P5387-01	TR-05-122624	BF141015.D	27 Dec 2024 23:29		RC/JU	Ok,M
37	P5387-01MS	TR-05-122624MS	BF141016.D	27 Dec 2024 23:55		RC/JU	Ok

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF122724

Review By	yogesh	Review On	12/30/2024 12:22:08 AM		
Supervise By	mohammad	Supervise On	12/30/2024 12:23:12 AM		
SubDirectory	BF122724	HP Acquire Method	BNA_F	HP Processing Method	bf122624

STD. NAME	STD REF.#
Tune/Reschk	SP6573
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673
CCC	SP6676
Internal Standard/PEM	S12646,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	P5387-01MSD	TR-05-122624MSD	BF141017.D	28 Dec 2024 00:21		RC/JU	Ok
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M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 12/27/2024

OVENTEMP IN Celsius(°C): 106
Time IN: 17:15
In Date: 12/26/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:15
Out Date: 12/27/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB134080

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
P5380-01	TAPIAL3-IDW-SOIL-122024-T1	1	1.15	8.48	9.63	8.47	86.3	
P5382-01	COMP-1	2	1.19	8.60	9.79	8.31	82.8	
P5382-02	COMP-2	3	1.15	8.82	9.97	8.43	82.5	
P5382-03	COMP-3	4	1.16	8.76	9.92	8.41	82.8	
P5382-04	SB-1	5	1.15	8.80	9.95	8.47	83.2	
P5382-05	SB-2	6	1.18	8.75	9.93	8.4	82.5	
P5382-06	SB-3	7	1.17	8.80	9.97	8.27	80.7	
P5382-07	SB-4	8	1.19	8.53	9.72	8.02	80.1	
P5382-08	SB-5	9	1.15	8.80	9.95	8.73	86.1	
P5382-09	SB-6	10	1.19	8.50	9.69	7.75	77.2	
P5382-10	SB-7	11	1.14	8.69	9.83	7.86	77.3	
P5382-11	SB-8	12	1.13	8.82	9.95	8.55	84.1	
P5382-12	SB-9	13	1.11	8.73	9.84	8.29	82.2	
P5382-13	SB-10	14	1.19	8.78	9.97	8.16	79.4	
P5382-14	SB-11	15	1.19	8.40	9.59	7.98	80.8	
P5382-15	SB-12	16	1.19	8.51	9.7	8.28	83.3	
P5383-01	OK-02-12232024	17	1.15	8.82	9.97	9.3	92.4	
P5383-02	OK-02-12232024-E2	18	1.13	8.81	9.94	9.54	95.5	
P5384-01	ORA-2066	19	1.00	1.00	2.00	2.00	100.0	wipe sample
P5384-02	ORA-2067	20	1.00	1.00	2.00	2.00	100.0	wipe sample
P5386-01	MOO-24-00398	21	1.15	8.44	9.59	8.99	92.9	
P5386-03	MOO-24-00395-96	22	1.00	1.00	2.00	2.00	100.0	debris
P5387-01	TR-05-122624	23	1.13	8.66	9.79	8.86	89.3	
P5387-02	TR-05-122624-E2	24	1.14	8.80	9.94	8.91	88.3	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

JB 134020

WorkList Name : %1-122624

WorkList ID : 186590

Department : Wet-Chemistry

Date : 12-26-2024 07:48:31

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P5380-01	TAPIAL3-IDW-SOIL-122024-T1	Solid	Percent Solids	Cool 4 deg C	WEST04	N31	12/20/2024	Chemtech -SO
P5382-01	COMP-1	Solid	Percent Solids	Cool 4 deg C	POWE02	N31	12/20/2024	Chemtech -SO
P5382-02	COMP-2	Solid	Percent Solids	Cool 4 deg C	POWE02	N31	12/20/2024	Chemtech -SO
P5382-03	COMP-3	Solid	Percent Solids	Cool 4 deg C	POWE02	N31	12/20/2024	Chemtech -SO
P5382-04	SB-1	Solid	Percent Solids	Cool 4 deg C	POWE02	N31	12/20/2024	Chemtech -SO
P5382-05	SB-2	Solid	Percent Solids	Cool 4 deg C	POWE02	N31	12/20/2024	Chemtech -SO
P5382-06	SB-3	Solid	Percent Solids	Cool 4 deg C	POWE02	N31	12/20/2024	Chemtech -SO
P5382-07	SB-4	Solid	Percent Solids	Cool 4 deg C	POWE02	N31	12/20/2024	Chemtech -SO
P5382-08	SB-5	Solid	Percent Solids	Cool 4 deg C	POWE02	N31	12/20/2024	Chemtech -SO
P5382-09	SB-6	Solid	Percent Solids	Cool 4 deg C	POWE02	N31	12/20/2024	Chemtech -SO
P5382-10	SB-7	Solid	Percent Solids	Cool 4 deg C	POWE02	N31	12/20/2024	Chemtech -SO
P5382-11	SB-8	Solid	Percent Solids	Cool 4 deg C	POWE02	N31	12/20/2024	Chemtech -SO
P5382-12	SB-9	Solid	Percent Solids	Cool 4 deg C	POWE02	N31	12/20/2024	Chemtech -SO
P5382-13	SB-10	Solid	Percent Solids	Cool 4 deg C	POWE02	N31	12/20/2024	Chemtech -SO
P5382-14	SB-11	Solid	Percent Solids	Cool 4 deg C	POWE02	N31	12/20/2024	Chemtech -SO
P5382-15	SB-12	Solid	Percent Solids	Cool 4 deg C	POWE02	N31	12/20/2024	Chemtech -SO
P5383-01	OK-02-12232024	Solid	Percent Solids	Cool 4 deg C	PSEG05	K31	12/23/2024	Chemtech -SO
P5383-02	OK-02-12232024-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	K31	12/23/2024	Chemtech -SO
P5384-01	ORA-2066	Solid	Percent Solids	Cool 4 deg C	PSEG03	N31	12/26/2024	Chemtech -SO
P5384-02	ORA-2067	Solid	Percent Solids	Cool 4 deg C	PSEG03	N31	12/26/2024	Chemtech -SO
P5386-01	MOO-24-00398	Solid	Percent Solids	Cool 4 deg C	PSEG03	N31	12/26/2024	Chemtech -SO

Date/Time 12/26/24 16:00
 Raw Sample Received by: JB WWC
 Raw Sample Relinquished by: JB WWC
 Date/Time 12/26/24 17:20
 Raw Sample Received by: JB WWC
 Raw Sample Relinquished by: JB WWC

WORKLIST(Hardcopy Internal Chain)

JB 134080

WorkList Name : %1-122624 WorkList ID : 186590 Department : Wet-Chemistry Date : 12-26-2024 07:48:31

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P5386-03	MOO-24-00395-96	Solid	Percent Solids	Cool 4 deg C	PSEG03	N31	12/26/2024	Chemtech -SO
P5387-01	TR-05-122624	Solid	Percent Solids	Cool 4 deg C	PSEG05	N41	12/26/2024	Chemtech -SO
P5387-02	TR-05-122624-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	N41	12/26/2024	Chemtech -SO

Date/Time 12/26/24
 Raw Sample Received by: JB WEL
 Raw Sample Relinquished by: JB WEL

Date/Time 12/26/24
 Raw Sample Received by: JB WEL
 Raw Sample Relinquished by: JB WEL

SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: N/A

Extraction Start Date : 12/26/2024

Matrix : Solid

Extraction Start Time : 09:10

Weigh By: EH

Extraction By: RJ

Extraction End Date : 12/26/2024

Balance check: RJ

Filter By: RJ

Extraction End Time : 12:10

Balance ID: EX-SC-2

pH Meter ID: N/A

Concentration By: EH

pH Strip Lot#: N/A

Hood ID: 3,7

Supervisor By : rajesh

Extraction Method: ☐ Separatory Funnel

☐ Continous 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	SP6681
Surrogate	1.0ML	100/150 PPM	SP6638
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2560
Baked Na2SO4	N/A	EP2573
Sand	N/A	E2865
Methylene Chloride	N/A	E3847
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:

1.5 ML Vial lot# 2210673.

KD Bath ID: N/A

Envap ID: NEVAP-02

KD Bath Temperature: N/A

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/26/24	RJ (Ext. Lab)	AC/SVOC
12:15	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 12/26/2024

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB165845BL	SBLK845	SVOCMS Group1	30.01	N/A	ritesh	Evelyn	1			U5-1
PB165845BS	SLCS845	SVOCMS Group1	30.02	N/A	ritesh	Evelyn	1			2
P5382-01	COMP-1	SVOCMS Group1	30.06	N/A	ritesh	Evelyn	1	D		3
P5382-01MS	COMP-1MS	SVOCMS Group1	30.02	N/A	ritesh	Evelyn	1	D		4
P5382-01MS D	COMP-1MSD	SVOCMS Group1	30.05	N/A	ritesh	Evelyn	1	D		5
P5382-02	COMP-2	SVOCMS Group1	30.09	N/A	ritesh	Evelyn	1	D		6
P5382-03	COMP-3	SVOCMS Group1	30.04	N/A	ritesh	Evelyn	1	D		U4-1
P5383-01	OK-02-12232024	SVOC-TCL BNA -20	50.02	N/A	ritesh	Evelyn	1	E		2

* Extracts relinquished on the same date as received.

12/26/24

WORKLIST(Hardcopy Internal Chain)

WorkList Name : p5383 WorkList ID : 186612 Department : Extraction Date : 12-26-2024 08:30:14

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P5382-01	COMP-1	Solid	SVOCMS Group1	Cool 4 deg C	POWE02	N31	12/20/2024	8270E
P5382-02	COMP-2	Solid	SVOCMS Group1	Cool 4 deg C	POWE02	N31	12/20/2024	8270E
P5382-03	COMP-3	Solid	SVOCMS Group1	Cool 4 deg C	POWE02	N31	12/20/2024	8270E
P5383-01	OK-02-12232024	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	K31	12/23/2024	8270E

Date/Time 12/26/24 9:05
 Raw Sample Received by: DJ (Ext 104)
 Raw Sample Relinquished by: DJ (SM)

Date/Time 12/26/24 9:40
 Raw Sample Received by: DJ (SM)
 Raw Sample Relinquished by: DJ (Ext 104)



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Kleinfelder
ADDRESS: 25 Gold Drive
CITY: Hamilton STATE: NJ ZIP: 08691
ATTENTION: Mark Warchol
PHONE: 484-883-3892 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: ~~Mountaintop~~ Comegys School
PROJECT NO.: 1400513.001 LOCATION: Philadelphia, PA
PROJECT MANAGER: Mark Warchol
e-mail: mwarchol@kleinfelder.com
PHONE: 484-883-3892 FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS: Same
CITY: STATE: ZIP:
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) 5 DAYS*
HARDCOPY (DATA PACKAGE): 5 DAYS*
EDD: 5 DAYS*

*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☒ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other
☐ EDD FORMAT

1 2 3 4 5 6 7 8 9
PAPER LIST: Fill
Level 2: Fill
On Hold

PRESERVATIVES

COMMENTS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										COMMENTS
			COMP	GRAB	DATE	TIME		E	E								
1.	COMP-1	Soil	✓		12/20/24	9:15	3	✓									* 1
2.	COMP-2					9:50											* 5
3.	COMP-3		↓			10:35	↓	↓									* 4
4.	SB-1			✓		9:25	1		✓								
5.	SB-2					9:00											
6.	SB-3					9:30											
7.	SB-4					9:10											
8.	SB-5					9:05											
9.	SB-6					8:30											
10.	SB-7					9:40											

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP
1. <i>[Signature]</i>	12/20/24 12:45	1. <i>[Signature]</i>	1.6°C
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	Comments:
2. FedEx	12/23/24 11:28	2. <i>[Signature]</i>	
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
3.		3.	

Page 1 of 2

CLIENT: ☐ Hand Delivered ☒ Other FedEx	Shipment Complete
CHEMTECH: ☐ Picked Up ☐ Field Sampling	☐ YES ☐ NO

CHEMTECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092

(908) 789-8900 • Fax (908) 789-8922

www.chemtech.net

CHEMTECH PROJECT NO.

QUOTE NO.

COC Number

P5382

2041560

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Kleinfelder
ADDRESS: 2 S Gold Drive
CITY: Hamilton STATE: NJ ZIP: 08691
ATTENTION: Mark Warchol
PHONE: 484-883-3892 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Comegys School
PROJECT NO.: 24005163.001A LOCATION: Philadelphia, PA
PROJECT MANAGER: Marks Warchol
e-mail: mwarchol@kleinfelder.com
PHONE: 484-883-3892 FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#: Same
ADDRESS: Same
CITY: Same STATE: Same ZIP: Same
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) 5 DAYS*
HARDCOPY (DATA PACKAGE): 5 DAYS*
EDD: 5 DAYS*

*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

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☒ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other _____
☐ EDD FORMAT _____

On Hold

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS		
			COMP	GRAB	DATE	TIME		E	1	2	3	4	5	6	7	8	9	← Specify Preservatives	
																		A-HCl	D-NaOH
																		B-HNO3	E-ICE
																		C-H2SO4	F-OTHER
1.	SB-8	Soil		✓	12/20/24	9:45	1	✓											
2.	SB-9	↓		↓	↓	10:00	↓	↓											
3.	SB-10	↓		↓	↓	10:15	↓	↓											
4.	SB-11	↓		↓	↓	10:30	↓	↓											
5.	SB-12	↓		↓	↓	10:05	↓	↓											
6.																			
7.																			
8.																			
9.																			
10.																			

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>1.6°C</u> °C
1. <u>Jul</u>	<u>12/20/24 12:45</u>	1. <u>128</u>	Comments:
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
2. <u>FedEx</u>	<u>12/23/24</u>	2. <u>DA</u>	
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
3.		3.	

Page 2 of 2 CLIENT: ☐ Hand Delivered ☒ Other FedEx
CHEMTECH: ☐ Picked Up ☐ Field Sampling Shipment Complete ☐ YES ☐ NO



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 (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

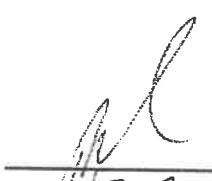
LOGIN REPORT/SAMPLE TRANSFER

Order ID : P5382	POWE02	Order Date : 12/23/2024 11:39:00 AM	Project Mgr :
Client Name : Kleinfelder		Project Name : Tanner G. Duckrey Public Comegys School	Report Type : Results+QC
Client Contact : Mark Warchol		Receive DateTime : 12/23/2024 11:28:00 AM	EDD Type : EXCEL NOCLEANUP
Invoice Name : Kleinfelder		Purchase Order :	Hard Copy Date :
Invoice Contact : Mark Warchol			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
P5382-01	COMP-1	Solid	12/20/2024	09:15					
					VOCMS Group1		8260D	5 Bus. Days	
P5382-02	COMP-2	Solid	12/20/2024	09:50					
					VOCMS Group1		8260D	5 Bus. Days	
P5382-03	COMP-3	Solid	12/20/2024	10:35					
					VOCMS Group1		8260D	5 Bus. Days	
P5382-06	SB-5	Solid	12/20/2024	09:05					
					VOCMS Group1		8260D	5 Bus. Days	

Relinquished By : 

Date / Time : 12/23/24 1240

Received By : 

Date / Time : 12-23-24 12:40

Storage Area : VOA Refridgerator Room